

Package ‘cfbfastR’

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Title Access College Football Play by Play Data

Version 3.0.0

Description A utility to quickly obtain clean and tidy college football data. Serves as a wrapper around the [<https://collegefootballdata.com/>](https://collegefootballdata.com/) API and provides functions to access live play by play and box score data from ESPN [<https://www.espn.com>](https://www.espn.com) when available. It provides users the capability to access a plethora of endpoints, and supplement that data with additional information (Expected Points Added/Win Probability added).

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URL <https://cfbfastR.sportsdataverse.org/>,
<https://github.com/sportsdataverse/cfbfastR>

BugReports <https://github.com/sportsdataverse/cfbfastR/issues>

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cfbd_api_key	CFBD API Key Endpoint Overview
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Description

- cfbd_api_key_info(): Get information about your API key, including your Patreon level and usage limits.
- register_cfbd(): Save your API Key as a system environment variable CFBD_API_KEY.
- cfbd_key(): Retrieve the CFBD API key from the CFBD_API_KEY environment variable.
- has_cfbd_key(): Check whether a CFBD API key is registered in the current session.

Details

Get information about your CFBD API key:

cfbd_api_key_info()

Register / save your CFBD API key:

Sys.setenv(CFBD_API_KEY = "YOUR-API-KEY-HERE")

Retrieve the CFBD API key:

```
cfbd_key()
```

Check whether a CFBD API key is registered:

```
has_cfbd_key()
```

cfbd_betting

CFBD Betting Endpoint Overview

Description

- `cfbd_betting_lines()`: Get betting lines information for games.
- `cfbd_betting_ats()`: Get against-the-spread (ATS) summary records by team.

Details

Get betting lines information for games:

```
cfbd_betting_lines(year = 2018, week = 12, team = "Florida State")
```

Get against-the-spread (ATS) summary records by team:

```
cfbd_betting_ats(year = 2023, team = "Michigan")
```

cfbd_betting_ats

CFBD Against-the-Spread (ATS) Records

Description

Get against-the-spread (ATS) summary records by team

Retrieves a season-level against-the-spread summary for each team: how often the team covered, failed to cover, or pushed relative to the closing spread, plus the average margin by which it beat the spread. Complements [cfbd_betting_lines\(\)](#), which returns the per-game lines themselves.

Usage

```
cfbd_betting_ats(year = NULL, team = NULL, conference = NULL)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY). Minimum value accepted: 2019
team	(<i>String</i> optional): D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC

Value

Against-the-spread records with the following 9 columns:

col_name	types	description
year	integer	Four-digit season year.
team_id	integer	Unique CFBD team identifier.
team	character	D-I team name.
conference	character	Team conference name.
games	integer	Number of games included in the ATS summary.
ats_wins	integer	Games the team covered the spread.
ats_losses	integer	Games the team failed to cover the spread.
ats_pushes	integer	Games that pushed against the spread.
avg_cover_margin	numeric	Average margin by which the team beat the spread.

See Also

Other CFBD Betting Functions: [cfbd_betting_lines\(\)](#)

Examples

```
try(cfbd_betting_ats(year = 2023, team = "Michigan"))
```

cfbd_betting_lines	CFBD Betting Lines Endpoint Overview
--------------------	---

Description

Get betting lines information for games

Usage

```
cfbd_betting_lines(  
  game_id = NULL,  
  year = NULL,  
  week = NULL,  
  season_type = "regular",  
  team = NULL,  
  home_team = NULL,  
  away_team = NULL,  
  conference = NULL,  
  line_provider = NULL  
)
```

Arguments

game_id	(<i>Integer</i> optional): Game ID filter for querying a single game. Required if year not provided Can be found using the <code>cfbd_game_info()</code> function
year	(<i>Integer</i> optional): Year, 4 digit format(YYYY). Required if game_id not provided Minimum value accepted: 2013
week	(<i>Integer</i> optional): Week - values from 1-15, 1-14 for seasons pre-playoff (i.e. 2013 or earlier)
season_type	(<i>String</i> default regular): Select Season Type: regular, postseason, both, allstar, spring_regular, spring_postseason
team	(<i>String</i> optional): D-I Team
home_team	(<i>String</i> optional): Home D-I Team
away_team	(<i>String</i> optional): Away D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
line_provider	(<i>String</i> optional): Select Line Provider - Caesars, consensus, numberfire, or teamrankings

Value

Betting information for games with the following 21 columns:

col_name	types	description
game_id	integer	Unique CFBD game identifier.
season	integer	Four-digit season year (e.g. 2024).
season_type	character	Season type (regular, postseason, both).
week	integer	Week of the season; 1-15, or 1-14 for seasons pre-playoff (2013 earlier).
start_date	character	Kickoff timestamp in ISO 8601 format.
home_team	character	Home D-I team name.
home_conference	character	Home team D-I conference.
home_classification	character	Home team conference classification (fbs, fcs, ii, iii).
home_score	integer	Final score of the home team.
away_team	character	Away D-I team name.
away_conference	character	Away team D-I conference.
away_classification	character	Away team conference classification (fbs, fcs, ii, iii).
away_score	integer	Final score of the away team.
provider	character	Sportsbook / line provider name.
spread	character	Closing point spread for the game.
formatted_spread	character	Human-readable formatted spread (e.g. "Florida State -7.5").
spread_open	character	Opening point spread for the game.
over_under	character	Closing over/under (total) for the game.

over_under_open	character	Opening over/under (total) for the game.
home_moneyline	character	Home team moneyline odds.
away_moneyline	character	Away team moneyline odds.

See Also

Other CFBD Betting Functions: [cfbd_betting_ats\(\)](#)

Examples

```
try(cfbd_betting_lines(year = 2018, week = 12, team = "Florida State"))
```

cfbd_calendar	Get calendar of weeks by season.
---------------	---

Description

Get calendar of weeks by season.

Usage

```
cfbd_calendar(year)
```

Arguments

year *(Integer required)*: Year, 4 digit format (YYYY)
Minimum value accepted: 2002

Value

[cfbd_calendar\(\)](#) - A data frame with 5 variables:

col_name	types	description
season	character	Calendar season.
week	integer	Calendar game week.
season_type	character	Season type of calendar week.
first_game_start	character	First game start time of the calendar week.
last_game_start	character	Last game start time of the calendar week.

See Also

Other CFBD Games: [cfbd_game_box_advanced\(\)](#), [cfbd_game_info\(\)](#), [cfbd_game_media\(\)](#), [cfbd_game_player_stats\(\)](#), [cfbd_game_records\(\)](#), [cfbd_game_team_stats\(\)](#), [cfbd_game_weather\(\)](#), [cfbd_live_scoreboard\(\)](#)

Examples

```
try(cfbd_calendar(2019))
```

cfbd_coaches

CFBD Coaches Endpoint Overview

Description

- `cfbd_coaches()`: A coach search function which provides coaching records and school history for a given coach.
- `cfbd_coaches_profile()`: Get a single coach's biographical profile.
- `cfbd_coaches_seasons()`: Get season-by-season coaching records.
- `cfbd_coaches_tenures()`: Get the start and end of each coaching tenure.

Coach information search A coach search function which provides coaching records and school history for a given coach

Usage

```
cfbd_coaches(
  first = NULL,
  last = NULL,
  team = NULL,
  year = NULL,
  min_year = NULL,
  max_year = NULL
)
```

Arguments

<code>first</code>	(<i>String</i> optional): First name for the coach you are trying to look up
<code>last</code>	(<i>String</i> optional): Last name for the coach you are trying to look up
<code>team</code>	(<i>String</i> optional): Team - Select a valid team, D1 football
<code>year</code>	(<i>Integer</i> optional): Year, 4 digit format (YYYY). Minimum value accepted: 1886
<code>min_year</code>	(<i>Integer</i> optional): Minimum Year filter (inclusive), 4 digit format (YYYY).
<code>max_year</code>	(<i>Integer</i> optional): Maximum Year filter (inclusive), 4 digit format (YYYY)

Details**Coach information search:**

```
cfbd_coaches(first = "Nick", last = "Saban", team = "alabama")
```

Get a coach profile:

```
cfbd_coaches_profile(coach_id = 1)
```

Get coaching seasons:

```
cfbd_coaches_seasons(team = "Georgia")
```

Get coaching tenures:

```
cfbd_coaches_tenures(team = "Georgia")
```

Value

Returns a tibble with 15 variables:

col_name	types	description
first_name	character	First name of coach.
last_name	character	Last name of coach.
hire_date	character	Hire date of coach (ISO date string from CFBD).
school	character	School of coach for the listed season.
year	integer	Four-digit season year of record.
games	integer	Games coached during the season.
wins	integer	Wins for the season.
losses	integer	Losses for the season.
ties	integer	Ties for the season.
preseason_rank	integer	Preseason AP rank for the school of coach (NA if unranked).
postseason_rank	integer	Postseason AP rank for the school of coach (NA if unranked).
srs	character	Simple Rating System adjustment for team.
sp_overall	character	Bill Connelly's SP+ overall rating for team.
sp_offense	character	Bill Connelly's SP+ offense rating for team.
sp_defense	character	Bill Connelly's SP+ defense rating for team.

See Also

Other CFBD Coaches Functions: [cfbd_coaches_profile\(\)](#), [cfbd_coaches_seasons\(\)](#), [cfbd_coaches_tenures\(\)](#)

Examples

```
try(cfbd_coaches(first = "Nick", last = "Saban", team = "alabama"))
```

cfbd_coaches_profile Get a coach profile

Description

Get a coach profile Biographical profile for a single coach.

Usage

```
cfbd_coaches_profile(coach_id, proxy = NULL)
```

Arguments

coach_id (*Integer* required): Coach identifier.

proxy (*List* optional): Per-call proxy override passed to `get_req()`. `NULL` (default) falls back to `getOption("cfbfastR.proxy")` and then the `http(s)_proxy` environment variables, so a caller can override the shared setting for one endpoint.

Value

`cfbd_coaches_profile()` - A tibble with 19 columns:

col_name	types	description
id	integer	Record identifier.
first_name	character	First name.
last_name	character	Last name.
display_name	logical	Display name.
current_team	logical	Current team.
birth_date	logical	Birth date and time (ISO 8601).
alma_mater	logical	Alma mater.
graduation_year	logical	Graduation year.
wikidata_id	logical	Wikidata identifier.
hall_of_fame_year	logical	Hall of fame year.
career_seasons	integer	Seasons coached across the career.
career_teams	integer	Distinct teams coached.
career_first_year	integer	First season of the coaching career.
career_last_year	integer	Most recent season coached.
career_games	integer	Career games coached.
career_wins	integer	Career wins.
career_losses	integer	Career losses.
career_ties	integer	Career ties.
career_win_percentage	numeric	Career winning percentage.

See Also

Other CFBD Coaches Functions: [cfbd_coaches\(\)](#), [cfbd_coaches_seasons\(\)](#), [cfbd_coaches_tenures\(\)](#)

Examples

```
try(cfbd_coaches_profile(coach_id = 1))
```

cfbd_coaches_seasons **Get coaching seasons**

Description

Get coaching seasons Season-by-season coaching records.

Usage

```
cfbd_coaches_seasons(
  coach_id = NULL,
  team = NULL,
  year = NULL,
  min_year = NULL,
  max_year = NULL,
  proxy = NULL
)
```

Arguments

coach_id	(<i>Integer</i> optional): Coach identifier.
team	(<i>String</i> optional): Team filter.
year	(<i>Integer</i> optional): Season, 4 digits (YYYY). Minimum value accepted: 1886
min_year	(<i>Integer</i> optional): Earliest season to include.
max_year	(<i>Integer</i> optional): Latest season to include.
proxy	(<i>List</i> optional): Per-call proxy override passed to <code>get_req()</code> . NULL (default) falls back to <code>getOption("cfbfastR.proxy")</code> and then the <code>http(s)_proxy</code> environment variables, so a caller can override the shared setting for one endpoint.

Value

`cfbd_coaches_seasons()` - A tibble with 68 columns:

col_name	types	description
year	integer	Four-digit season year.
games	integer	Games played.
wins	integer	Wins.
losses	integer	Losses.
ties	integer	Ties.
win_percentage	numeric	Win percentage.

preseason_rank	integer	Preseason rank.
postseason_rank	integer	Postseason rank.
srs	numeric	Srs.
sp_overall	numeric	Sp overall.
sp_offense	numeric	Sp offense.
sp_defense	numeric	Sp defense.
attribution_complete	logical	Attribution complete.
coach_id	integer	Coach identifier.
coach_first_name	character	Coach first name.
coach_last_name	character	Coach last name.
team_id	integer	Referencing team id.
team_school	character	School name of the team.
team_conference	character	Conference the team belongs to.
team_metrics_sp_special_teams	numeric	Team metrics sp special teams.
team_metrics_strength_of_schedule	numeric	Team metrics strength of schedule.
team_metrics_second_order_wins	numeric	Team metrics second order wins.
team_metrics_fpi	numeric	Team metrics fpi.
team_metrics_year_over_year_wins	integer	Team metrics year over year wins.
team_metrics_year_over_year_srs	numeric	Team metrics year over year srs.
team_metrics_year_over_year_sp_overall	numeric	Team metrics year over year sp overall.
recruiting_rank	integer	Recruiting rank.
recruiting_points	numeric	Recruiting points scored.
recruiting_talent	numeric	Recruiting talent.
poll_resume_preseason_rank	integer	Poll resume preseason rank.
poll_resume_postseason_rank	integer	Poll resume postseason rank.
poll_resume_best_rank	integer	Poll resume best rank.
poll_resume_weeks_ranked	integer	Poll resume weeks ranked.
poll_resume_weeks_top_ten	integer	Poll resume weeks top ten.
record_splits_conference_games	integer	Record splits conference games.
record_splits_conference_wins	integer	Record splits conference wins.
record_splits_conference_losses	integer	Record splits conference losses.
record_splits_conference_ties	integer	Record splits conference ties.
record_splits_conference_win_percentage	numeric	Record splits conference win percentage.
record_splits_postseason_games	integer	Record splits postseason games.
record_splits_postseason_wins	integer	Record splits postseason wins.
record_splits_postseason_losses	integer	Record splits postseason losses.
record_splits_postseason_ties	integer	Record splits postseason ties.
record_splits_postseason_win_percentage	numeric	Record splits postseason win percentage.
record_splits_home_games	integer	Record splits home games.
record_splits_home_wins	integer	Record splits home wins.
record_splits_home_losses	integer	Record splits home losses.
record_splits_home_ties	integer	Record splits home ties.
record_splits_home_win_percentage	numeric	Record splits home win percentage.
record_splits_away_games	integer	Record splits away games.
record_splits_away_wins	integer	Record splits away wins.
record_splits_away_losses	integer	Record splits away losses.
record_splits_away_ties	integer	Record splits away ties.
record_splits_away_win_percentage	numeric	Record splits away win percentage.

record_splits_neutral_games	integer	Record splits neutral games.
record_splits_neutral_wins	integer	Record splits neutral wins.
record_splits_neutral_losses	integer	Record splits neutral losses.
record_splits_neutral_ties	integer	Record splits neutral ties.
record_splits_neutral_win_percentage	numeric	Record splits neutral win percentage.
scoring_points_for	integer	Scoring points for.
scoring_points_against	integer	Scoring points against.
scoring_average_point_differential	numeric	Scoring average point differential.
cfp_appeared	logical	Cfp appeared.
cfp_seed	integer	Cfp seed.
cfp_outcome	character	Cfp outcome.
draft_following_season_year	integer	Draft following season year.
draft_following_season_total_picks	integer	Draft following season total picks.
draft_following_season_first_round_picks	integer	Draft following season first round picks.

See Also

Other CFBD Coaches Functions: [cfbd_coaches\(\)](#), [cfbd_coaches_profile\(\)](#), [cfbd_coaches_tenures\(\)](#)

Examples

```
try(cfbd_coaches_seasons(team = "Georgia"))
```

cfbd_coaches_tenures	Get coaching tenures
----------------------	-----------------------------

Description

Get coaching tenures Start and end of each coaching tenure.

Usage

```
cfbd_coaches_tenures(  
  coach_id = NULL,  
  team = NULL,  
  year = NULL,  
  active = NULL,  
  proxy = NULL  
)
```

Arguments

- coach_id (*Integer* optional): Coach identifier.
- team (*String* optional): Team filter.

year	(<i>Integer</i> optional): Season, 4 digits (YYYY). Minimum value accepted: 1886
active	(<i>Logical</i> optional): Restrict to currently active tenures.
proxy	(<i>List</i> optional): Per-call proxy override passed to <code>get_req()</code> . NULL (default) falls back to <code>getOption("cfbfastR.proxy")</code> and then the <code>http(s)_proxy</code> environment variables, so a caller can override the shared setting for one endpoint.

Value

`cfbd_coaches_tenures()` - A tibble with 20 columns:

col_name	types	description
id	integer	Record identifier.
hire_date	character	Hire date of the coach (ISO date string).
start_year	integer	Start year.
end_year	integer	End year.
effective_start	logical	Effective start.
effective_end	logical	Effective end.
is_interim	logical	Is interim.
active	logical	Active.
seasons	integer	Seasons.
attribution_complete	logical	Attribution complete.
coach_id	integer	Coach identifier.
coach_first_name	character	Coach first name.
coach_last_name	character	Coach last name.
team_id	integer	Referencing team id.
team_school	character	School name of the team.
record_games	integer	Record games.
record_wins	integer	Record wins.
record_losses	integer	Record losses.
record_ties	integer	Record ties.
record_win_percentage	numeric	Record win percentage.

See Also

Other CFBD Coaches Functions: `cfbd_coaches()`, `cfbd_coaches_profile()`, `cfbd_coaches_seasons()`

Examples

```
try(cfbd_coaches_tenures(team = "Georgia"))
```

cfbd_conferences

CFBD Conferences Endpoint Overview

Description

- cfbd_conferences(): Get college football conference information.
- cfbd_conference_affiliations(): Get conference affiliations by team and season.
- cfbd_conference_changes(): Get conference realignment changes for a season.

Get college football conference information Pulls all college football conferences and returns as data frame

Usage

```
cfbd_conferences(year = NULL, division = NULL)
```

Arguments

- year

(Integer optional): Season filter, 4 digits (YYYY).
Minimum value accepted: 1869
- division

(String optional): Division/classification filter – one of fbs, fcs, ii, ii/iii, iii. Sent to CFBD as classification.

Details

Get college football conference information:

```
cfbd_conferences()
```

Get conference affiliations by team and season:

```
cfbd_conference_affiliations(team = "Georgia")
```

Get conference realignment changes:

```
cfbd_conference_changes(year = 2024)
```

Value

`cfbd_conferences()` - A data frame with 94 rows and 5 variables:

col_name	types	description
conference_id	integer	Referencing conference id.
name	character	Conference name.
long_name	character	Long name for Conference.
abbreviation	character	Conference abbreviation.
classification	character	Conference classification (fbs, fcs, ii, iii).

See Also

Other CFBD Conference Functions: [cfbd_conference_affiliations\(\)](#), [cfbd_conference_changes\(\)](#)

Examples

```
try(cfbd_conferences())
```

```
cfbd_conference_affiliations
```

Get conference affiliations by team and season

Description

Get conference affiliations by team and season Which conference each team belonged to, by season.

Usage

```
cfbd_conference_affiliations(
  team = NULL,
  conference = NULL,
  year = NULL,
  min_year = NULL,
  max_year = NULL,
  division = NULL,
  proxy = NULL
)
```

Arguments

team	(<i>String</i> optional): Team filter.
conference	(<i>String</i> optional): Conference abbreviation filter.
year	(<i>Integer</i> optional): Season, 4 digits (YYYY). Minimum value accepted: 1869
min_year	(<i>Integer</i> optional): Earliest season to include.
max_year	(<i>Integer</i> optional): Latest season to include.
division	(<i>String</i> optional): Division/classification filter – fbs, fcs, ii, ii/iii, iii.
proxy	(<i>List</i> optional): Per-call proxy override passed to <code>get_req()</code> . NULL (default) falls back to <code>getOption("cfbfastR.proxy")</code> and then the <code>http(s)_proxy</code> environment variables, so a caller can override the shared setting for one endpoint.

Value

`cfbd_conference_affiliations()` - A tibble with 9 columns:

col_name	types	description
team_id	integer	Referencing team id.
team	character	Team name.
conference_id	integer	Referencing conference id.
conference	character	Conference name.
conference_abbreviation	character	Conference abbreviation.
classification	character	Division classification (fbs, fcs, ii, ii/iii, iii).
conference_division	character	Conference division.
start_year	integer	Start year.
end_year	integer	End year.

See Also

Other CFBD Conference Functions: `cfbd_conference_changes()`, `cfbd_conferences()`

Examples

```
try(cfbd_conference_affiliations(team = "Georgia"))
```

cfbd_conference_changes
Get conference realignment changes

Description

Get conference realignment changes Teams that changed conference in a given season.

Usage

```
cfbd_conference_changes(year, proxy = NULL)
```

Arguments

- year *(Integer required)*: Season, 4 digits (YYYY). Minimum value accepted: 1887
- proxy *(List optional)*: Per-call proxy override passed to `get_req()`. NULL (default) falls back to `getOption("cfbfastR.proxy")` and then the `http(s)_proxy` environment variables, so a caller can override the shared setting for one endpoint.

Value

`cfbd_conference_changes()` - A tibble with 11 columns:

col_name	types	description
team_id	integer	Referencing team id.
team	character	Team name.
from_conference_id	integer	Prior referencing conference id.
from_conference	character	Prior conference.
from_conference_abbreviation	character	Prior conference abbreviation.
from_classification	character	Prior division classification.
to_conference_id	integer	New referencing conference id.
to_conference	character	New conference.
to_conference_abbreviation	character	New conference abbreviation.
to_classification	character	New division classification.
effective_year	integer	Season the conference change takes effect.

See Also

Other CFBD Conference Functions: `cfbd_conference_affiliations()`, `cfbd_conferences()`

Examples

```
try(cfbd_conference_changes(year = 2024))
```

cfbd_draft	CFBD NFL Draft Endpoint Overview
------------	----------------------------------

Description

- `cfbd_draft_teams()`: Get list of NFL teams.
- `cfbd_draft_positions()`: Get list of NFL positions for mapping to college positions.
- `cfbd_draft_picks()`: Get list of NFL Draft picks.

Details

Get list of NFL teams:

```
cfbd_draft_teams()
```

Get list of NFL positions for mapping to collegiate:

```
cfbd_draft_positions()
```

Get list of NFL Draft picks:

```
cfbd_draft_picks(year = 2020, college = "Texas")
```

```
cfbd_draft_picks(nfl_team = "Cincinnati")
```

cfbd_draft_picks	Get list of NFL draft picks
------------------	------------------------------------

Description

Get list of NFL draft picks

Usage

```
cfbd_draft_picks(
  year = NULL,
  nfl_team = NULL,
  college = NULL,
  conference = NULL,
  position = NULL
)
```

Arguments

year	(<i>Integer</i> required): NFL draft class, 4 digit format (YYYY) Minimum value accepted: 1967
nfl_team	(<i>String</i>): NFL drafting team, see cfbd_draft_teams() for valid selections.
college	(<i>String</i>): NFL draftee college team, see cfbd_team_info() for valid selections.
conference	(<i>String</i>): NFL draftee college team conference, see cfbd_conferences() for valid selections.
position	(<i>String</i>): NFL position abbreviation, see cfbd_draft_positions() for valid selections.

Value

[cfbd_draft_picks\(\)](#) - A data frame with 24 variables:

col_name	types	description
college_athlete_id	integer	College athlete referencing id.
nfl_athlete_id	integer	NFL athlete referencing id.
college_id	integer	College team referencing id.
college_team	character	College team name.
college_conference	character	Conference of college team.
nfl_team_id	integer	NFL team ID.
nfl_team	character	NFL team name of drafted player.
year	integer	NFL draft class year.
overall	integer	Overall draft pick number.

round	integer	Round of NFL draft the draftee was picked in.
pick	integer	Pick number of the NFL draftee within the round they were picked in.
name	character	NFL draftee name.
position	character	NFL draftee position.
height	numeric	NFL draftee height.
weight	integer	NFL draftee weight.
pre_draft_ranking	integer	Pre-draft ranking (ESPN).
pre_draft_position_ranking	integer	Pre-draft position ranking (ESPN).
pre_draft_grade	numeric	Pre-draft scouts grade (ESPN).
hometown_info_city	character	Hometown of the NFL draftee.
hometown_info_state_province	character	Hometown state of the NFL draftee.
hometown_info_country	character	Hometown country of the NFL draftee.
hometown_info_latitude	character	Hometown latitude of the NFL draftee.
hometown_info_longitude	character	Hometown longitude of the NFL draftee.
hometown_info_county_fips	character	Hometown FIPS code of the NFL draftee.

See Also

Other CFBD Draft: [cfbd_draft_positions\(\)](#), [cfbd_draft_teams\(\)](#)

Examples

```
try(cfbd_draft_picks(year = 2020))

try(cfbd_draft_picks(year = 2016, position = "PK"))
```

cfbd_draft_positions **Get list of NFL positions**

Description

Get list of NFL positions

Usage

```
cfbd_draft_positions()
```

Value

[cfbd_draft_positions\(\)](#) - A data frame with 2 variables:

col_name	types	description
position_name	character	NFL Position group name.
position_abbreviation	character	NFL position group abbreviation.

See Also

Other CFBD Draft: [cfbd_draft_picks\(\)](#), [cfbd_draft_teams\(\)](#)

Examples

```
try(cfbd_draft_positions())
```

`cfbd_draft_teams`**Get list of NFL teams**

Description

Get list of NFL teams

Usage

```
cfbd_draft_teams()
```

Value

[cfbd_draft_teams\(\)](#) - A data frame with 4 variables:

col_name	types	description
nfl_location	character	NFL team location (city).
nfl_nickname	character	NFL team nickname (mascot).
nfl_display_name	character	NFL team display name (usually more neat/complete).
nfl_logo	character	URL for NFL team logo.

See Also

Other CFBD Draft: [cfbd_draft_picks\(\)](#), [cfbd_draft_positions\(\)](#)

Examples

```
try(cfbd_draft_teams())
```

cfbd_drives

CFBD Drives Endpoint Overview**Description**

- cfbd_drives(): Get college football game drives.

Get college football game drives**Usage**

```
cfbd_drives(
  year,
  season_type = "regular",
  week = NULL,
  team = NULL,
  offense_team = NULL,
  defense_team = NULL,
  conference = NULL,
  offense_conference = NULL,
  defense_conference = NULL,
  division = "fbs"
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY) Minimum value accepted: 2001
season_type	(<i>String</i> default regular): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason
week	(<i>Integer</i> optional): Week - values from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier
team	(<i>String</i> optional): D-I Team
offense_team	(<i>String</i> optional): Offense D-I Team
defense_team	(<i>String</i> optional): Defense D-I Team
conference	(<i>String</i> optional): DI Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
offense_conference	(<i>String</i> optional): Offense DI Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
defense_conference	(<i>String</i> optional): Defense DI Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
division	(<i>String</i> optional): Division abbreviation - Select a valid division: fbs/fcs/ii/iii

Details**Get college football game drives:**

```
cfbd_drives(year = 2018, week = 1, team = "TCU")
```

```
cfbd_drives(2018, team = "Texas A&M", defense_conference = "SEC")
```

Value

`cfbd_drives()` - A data frame with 28 variables:

col_name	types	description
offense	character	Drive offense team name.
offense_conference	character	Drive offense team's conference.
defense	character	Drive defense team name.
defense_conference	character	Drive defense team's conference.
game_id	integer	Unique CFBD game identifier.
drive_id	character	Unique CFBD drive identifier.
drive_number	integer	Drive number within the game.
scoring	logical	Flag indicating whether the drive ended in a score.
start_period	integer	Period (quarter) in which the drive starts.
start_yardline	integer	Yard line at the drive start.
start_yards_to_goal	integer	Yards-to-goal at the drive start.
end_period	integer	Period (quarter) in which the drive ends.
end_yardline	integer	Yard line at drive end.
end_yards_to_goal	integer	Yards-to-goal at drive end.
plays	integer	Number of plays in the drive.
yards	integer	Total yards gained on the drive.
drive_result	character	Result of the drive (e.g. TD, FG, PUNT).
is_home_offense	logical	Flag indicating whether the offense on the field is the home team.
start_offense_score	numeric	Offense score at the start of the drive.
start_defense_score	numeric	Defense score at the start of the drive.
end_offense_score	numeric	Offense score at the end of the drive.
end_defense_score	numeric	Defense score at the end of the drive.
time_minutes_start	integer	Game clock minutes at drive start.
time_seconds_start	integer	Game clock seconds at drive start.
time_minutes_end	integer	Game clock minutes at drive end.
time_seconds_end	integer	Game clock seconds at drive end.
time_minutes_elapsed	numeric	Minutes elapsed during the drive.
time_seconds_elapsed	integer	Seconds elapsed during the drive.

Examples

```
try(cfbd_drives(year=2018, week = 1, team = "TCU"))
```

```
try(cfbd_drives(2018, team = "Texas A&M", defense_conference = "SEC"))
```

cfbd_games

CFBD Games Endpoint Overview**Description**

Get results, statistics and information for games

- `cfbd_game_box_advanced()`: Get game advanced box score information.
- `cfbd_game_player_stats()`: Get results information from games.
- `cfbd_game_team_stats()`: Get team statistics by game.
- `cfbd_game_info()`: Get results information from games.
- `cfbd_live_scoreboard()`: Get live scoreboard information.
- `cfbd_game_weather()`: Get weather from games.
- `cfbd_game_records()`: Get team records by year.
- `cfbd_calendar()`: Get calendar of weeks by season.
- `cfbd_game_media()`: Get game media information (TV, radio, etc).

Details**Get game advanced box score information.:**

```
cfbd_game_box_advanced(game_id = 401114233)
```

Get player statistics by game:

```
cfbd_game_player_stats(2018, week = 15, conference = "Ind")
```

```
cfbd_game_player_stats(2013, week = 1, team = "Florida State", category = "passing")
```

Get team records by year:

```
cfbd_game_records(2018, team = "Notre Dame")
```

```
cfbd_game_records(2013, team = "Florida State")
```

Get team statistics by game:

```
cfbd_game_team_stats(2019, team = "LSU")
```

```
cfbd_game_team_stats(2013, team = "Florida State")
```

Get results information from games.:

```
cfbd_game_info(2018, week = 1)
```

```
cfbd_game_info(2018, week = 7, conference = "Ind")
```

```
# 7 OTs LSU @ TAMU
```

```
cfbd_game_info(2018, week = 13, team = "Texas A&M", quarter_scores = TRUE)
```

Get weather from games.:

```
cfbd_game_weather(2018, week = 1)
```

```
cfbd_game_info(2018, week = 7, conference = "Ind")
```

Get calendar of weeks by season.:

```
cfbd_calendar(2019)
```

Get game media information (TV, radio, etc).:

```
cfbd_game_media(2019, week = 4, conference = "ACC")
```

```
cfbd_game_box_advanced
```

Get game advanced box score information.**Description****Get game advanced box score information.****Usage**

```
cfbd_game_box_advanced(game_id, long = FALSE)
```

Arguments

game_id	(<i>Integer</i> required): Game ID filter for querying a single game Can be found using the cfbd_game_info() function
long	(<i>Logical</i> default FALSE): Return the data in a long format.

Value

[cfbd_game_box_advanced\(\)](#) - A data frame with 2 rows and 69 variables:

col_name	types	description
team	character	Team name.
plays	numeric	Number of plays.
ppa_overall_total	numeric	Predicted points added (PPA) overall total.
ppa_overall_quarter1	numeric	Predicted points added (PPA) overall Q1.
ppa_overall_quarter2	numeric	Predicted points added (PPA) overall Q2.
ppa_overall_quarter3	numeric	Predicted points added (PPA) overall Q3.
ppa_overall_quarter4	numeric	Predicted points added (PPA) overall Q4.
ppa_passing_total	numeric	Passing predicted points added (PPA) total.
ppa_passing_quarter1	numeric	Passing predicted points added (PPA) Q1.
ppa_passing_quarter2	numeric	Passing predicted points added (PPA) Q2.
ppa_passing_quarter3	numeric	Passing predicted points added (PPA) Q3.

ppa_passing_quarter4	numeric	Passing predicted points added (PPA) Q4.
ppa_rushing_total	numeric	Rushing predicted points added (PPA) total.
ppa_rushing_quarter1	numeric	Rushing predicted points added (PPA) Q1.
ppa_rushing_quarter2	numeric	Rushing predicted points added (PPA) Q2.
ppa_rushing_quarter3	numeric	Rushing predicted points added (PPA) Q3.
ppa_rushing_quarter4	numeric	Rushing predicted points added (PPA) Q4.
cumulative_ppa_plays	numeric	Cumulative predicted points added (PPA) added total.
cumulative_ppa_overall_total	numeric	Cumulative predicted points added (PPA) total.
cumulative_ppa_overall_quarter1	numeric	Cumulative predicted points added (PPA) Q1.
cumulative_ppa_overall_quarter2	numeric	Cumulative predicted points added (PPA) Q2.
cumulative_ppa_overall_quarter3	numeric	Cumulative predicted points added (PPA) Q3.
cumulative_ppa_overall_quarter4	numeric	Cumulative predicted points added (PPA) Q4.
cumulative_ppa_passing_total	numeric	Cumulative passing predicted points added (PPA) total.
cumulative_ppa_passing_quarter1	numeric	Cumulative passing predicted points added (PPA) Q1.
cumulative_ppa_passing_quarter2	numeric	Cumulative passing predicted points added (PPA) Q2.
cumulative_ppa_passing_quarter3	numeric	Cumulative passing predicted points added (PPA) Q3.
cumulative_ppa_passing_quarter4	numeric	Cumulative passing predicted points added (PPA) Q4.
cumulative_ppa_rushing_total	numeric	Cumulative rushing predicted points added (PPA) total.
cumulative_ppa_rushing_quarter1	numeric	Cumulative rushing predicted points added (PPA) Q1.
cumulative_ppa_rushing_quarter2	numeric	Cumulative rushing predicted points added (PPA) Q2.
cumulative_ppa_rushing_quarter3	numeric	Cumulative rushing predicted points added (PPA) Q3.
cumulative_ppa_rushing_quarter4	numeric	Cumulative rushing predicted points added (PPA) Q4.
success_rates_overall_total	numeric	Success rates overall total.
success_rates_overall_quarter1	numeric	Success rates overall Q1.
success_rates_overall_quarter2	numeric	Success rates overall Q2.
success_rates_overall_quarter3	numeric	Success rates overall Q3.
success_rates_overall_quarter4	numeric	Success rates overall Q4.
success_rates_standard_downs_total	numeric	Success rates standard downs total.
success_rates_standard_downs_quarter1	numeric	Success rates standard downs Q1.
success_rates_standard_downs_quarter2	numeric	Success rates standard downs Q2.
success_rates_standard_downs_quarter3	numeric	Success rates standard downs Q3.
success_rates_standard_downs_quarter4	numeric	Success rates standard downs Q4.
success_rates_passing_downs_total	numeric	Success rates passing downs total.
success_rates_passing_downs_quarter1	numeric	Success rates passing downs Q1.
success_rates_passing_downs_quarter2	numeric	Success rates passing downs Q2.
success_rates_passing_downs_quarter3	numeric	Success rates passing downs Q3.
success_rates_passing_downs_quarter4	numeric	Success rates passing downs Q4.
explosiveness_overall_total	numeric	Explosiveness rates overall total.
explosiveness_overall_quarter1	numeric	Explosiveness rates overall Q1.
explosiveness_overall_quarter2	numeric	Explosiveness rates overall Q2.
explosiveness_overall_quarter3	numeric	Explosiveness rates overall Q3.
explosiveness_overall_quarter4	numeric	Explosiveness rates overall Q4.
rushing_power_success	numeric	Rushing power success rate.
rushing_stuff_rate	numeric	Rushing stuff rate.
rushing_line_yds	numeric	Rushing offensive line yards.
rushing_line_yds_avg	numeric	Rushing line yards average.
rushing_second_lvl_yds	numeric	Rushing second-level yards.
rushing_second_lvl_yds_avg	numeric	Average second level yards per rush.

rushing_open_field_yds	numeric	Rushing open field yards.
rushing_open_field_yds_avg	numeric	Average rushing open field yards average.
havoc_total	numeric	Total havoc rate.
havoc_front_seven	numeric	Front-7 players havoc rate.
havoc_db	numeric	Defensive back players havoc rate.
scoring_opps_opportunities	numeric	Number of scoring opportunities.
scoring_opps_points	numeric	Points on scoring opportunity drives.
scoring_opps_pts_per_opp	numeric	Points per scoring opportunity drives.
field_pos_avg_start	numeric	Average starting field position.
field_pos_avg_starting_predicted_pts	numeric	Average starting predicted points (PP) for the average starting field position.

See Also

Other CFBD Games: [cfbd_calendar\(\)](#), [cfbd_game_info\(\)](#), [cfbd_game_media\(\)](#), [cfbd_game_player_stats\(\)](#), [cfbd_game_records\(\)](#), [cfbd_game_team_stats\(\)](#), [cfbd_game_weather\(\)](#), [cfbd_live_scoreboard\(\)](#)

Examples

```
try(cfbd_game_box_advanced(game_id = 401114233))
```

cfbd_game_info	Get results information from games.
----------------	-------------------------------------

Description

Get results information from games.

Usage

```
cfbd_game_info(  
  year,  
  week = NULL,  
  season_type = "both",  
  team = NULL,  
  home_team = NULL,  
  away_team = NULL,  
  conference = NULL,  
  division = "fbs",  
  game_id = NULL,  
  quarter_scores = FALSE,  
  competition = NULL,  
  round = NULL  
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format(YYYY) Minimum value accepted: 1869
week	(<i>Integer</i> optional): Week - values from 1-15, 1-14 for seasons pre-playoff (i.e. 2013 or earlier)
season_type	(<i>String</i> default both): Select Season Type: regular, postseason, both, allstar, spring_regular, spring_postseason
team	(<i>String</i> optional): D-I Team
home_team	(<i>String</i> optional): Home D-I Team
away_team	(<i>String</i> optional): Away D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
division	(<i>String</i> optional): Division abbreviation - Select a valid division: fbs/fcs/ii/iii
game_id	(<i>Integer</i> optional): Game ID filter for querying a single game
quarter_scores	(<i>Logical</i> default FALSE): This is a parameter to return the list columns that give the score at each quarter: home_line_scores and away_line_scores. I have defaulted the parameter to false so that you will not have to go to the trouble of dropping it.
competition	(<i>String</i> optional): Competition filter; cfp restricts to College Football Playoff games.
round	(<i>String</i> optional): Playoff round – first_round, quarterfinal, semifinal, championship.

Value

`cfbd_game_info()` - A data frame with 30 variables:

col_name	types	description
game_id	integer	Referencing game id.
season	integer	Season of the game.
week	integer	Game week.
season_type	character	Season type of the game.
start_date	character	Game date.
start_time_tbd	logical	TRUE/FALSE flag for if the game's start time is to be determined.
neutral_site	logical	TRUE/FALSE flag for the game taking place at a neutral site.
conference_game	logical	TRUE/FALSE flag for this game qualifying as a conference game.
attendance	integer	Reported attendance at the game.
venue_id	integer	Referencing venue id.
venue	character	Venue name.
home_id	integer	Home team referencing id.
home_team	character	Home team name.
home_conference	character	Home team conference.
home_division	character	Home team division.

home_points	integer	Home team points.
home_post_win_prob	character	Home team post-game win probability.
home_pregame_elo	character	Home team pre-game ELO rating.
home_postgame_elo	character	Home team post-game ELO rating.
away_id	integer	Away team referencing id.
away_team	character	Away team name.
away_conference	character	Away team conference.
away_division	character	Away team division.
away_points	integer	Away team points.
away_post_win_prob	character	Away team post-game win probability.
away_pregame_elo	character	Away team pre-game ELO rating.
away_postgame_elo	character	Away team post-game ELO rating.
excitement_index	character	Game excitement index.
highlights	character	Game highlight urls.
notes	character	Game notes.

See Also

Other CFBD Games: [cfbd_calendar\(\)](#), [cfbd_game_box_advanced\(\)](#), [cfbd_game_media\(\)](#), [cfbd_game_player_stats\(\)](#), [cfbd_game_records\(\)](#), [cfbd_game_team_stats\(\)](#), [cfbd_game_weather\(\)](#), [cfbd_live_scoreboard\(\)](#)

Examples

```
try(cfbd_game_info(2018, week = 7, conference = "Ind"))
```

<code>cfbd_game_media</code>	Get game media information (TV, radio, etc).
------------------------------	---

Description

Get game media information (TV, radio, etc).

Usage

```
cfbd_game_media(  
  year,  
  week = NULL,  
  season_type = "both",  
  team = NULL,  
  conference = NULL,  
  media_type = NULL,  
  division = "fbs"  
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY) Minimum value accepted: 2003
week	(<i>Integer</i> optional): Week, values from 1-15, 1-14 for seasons pre-playoff (i.e. 2013 or earlier)
season_type	(<i>String</i> default both): Select Season Type, regular, postseason, both, allstar, spring_regular, spring_postseason
team	(<i>String</i> optional): D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
media_type	(<i>String</i> optional): Media type filter: tv, radio, web, ppv, or mobile
division	(<i>String</i> optional): Division abbreviation - Select a valid division: fbs/fcs/ii/iii

Value

`cfbd_game_media()` - A data frame with 13 variables:

col_name	types	description
game_id	integer	Referencing game id.
season	integer	Season of the game.
week	integer	Game week.
season_type	character	Season type of the game.
start_time	character	Game start time.
is_start_time_tbd	logical	TRUE/FALSE flag for if the start time is still to be determined.
home_team	character	Home team of the game.
home_conference	character	Conference of the home team.
away_team	character	Away team of the game.
away_conference	character	Conference of the away team.
tv	list	TV broadcast networks.
radio	logical	Radio broadcast networks.
web	list	Web viewing platforms carrying the game.

See Also

Other CFBD Games: `cfbd_calendar()`, `cfbd_game_box_advanced()`, `cfbd_game_info()`, `cfbd_game_player_stats()`, `cfbd_game_records()`, `cfbd_game_team_stats()`, `cfbd_game_weather()`, `cfbd_live_scoreboard()`

Examples

```
try(cfbd_game_media(2019, week = 4, conference = "ACC"))
```

cfbd_game_player_stats

Get player statistics by game**Description****Get player statistics by game****Usage**

```
cfbd_game_player_stats(
  year,
  week = NULL,
  season_type = "regular",
  team = NULL,
  conference = NULL,
  category = NULL,
  game_id = NULL,
  division = NULL
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format(YYYY) Minimum value accepted: 2004
week	(<i>Integer</i> optional): Week - values from 1-15, 1-14 for seasons pre-playoff (i.e. 2013 or earlier)
season_type	(<i>String</i> default regular): Select Season Type: regular, postseason, both, allstar, spring_regular, spring_postseason
team	(<i>String</i> optional): D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
category	(<i>String</i> optional): Category filter (e.g defensive) Offense: passing, receiving, rushing Defense: defensive, fumbles, interceptions Special Teams: punting, puntReturns, kicking, kickReturns
game_id	(<i>Integer</i> optional): Game ID filter for querying a single game Can be found using the cfbd_game_info() function
division	(<i>String</i> optional): Division/classification filter – one of fbs, fcs, ii, ii/iii, iii. Sent to CFBD as classification.

Value

`cfbd_game_player_stats()` - A data frame with 32 variables:

col_name	types	description
game_id	integer	CFBD-internal game id; join key to other CFBD endpoints.
team	character	Full team name (e.g. "Alabama") for the player's team.
conference	character	Conference name of the player's team (e.g. "SEC").
home_away	character	Whether the player's team played at home or away ("home"/"away").
team_points	integer	Total points scored by the player's team in this game.
athlete_id	integer	CFBD-internal athlete id for the player.
athlete_name	character	Player's display name as reported by CFBD.
defensive_td	numeric	Defensive touchdowns scored by the player.
defensive_qb_hur	numeric	Quarterback hurries credited to the player.
defensive_pd	numeric	Passes defended (pass breakups) by the player.
defensive_tfl	numeric	Tackles for loss credited to the player.
defensive_sacks	numeric	Sacks credited to the player.
defensive_solo	numeric	Solo (unassisted) tackles by the player.
defensive_tot	numeric	Total tackles (solo plus assisted) by the player.
fumbles_rec	numeric	Fumbles recovered by the player.
fumbles_lost	numeric	Fumbles by the player that were lost to the opposing team.
fumbles_fum	numeric	Fumbles committed by the player.
punting_long	numeric	Longest punt by the player, in yards.
punting_in_20	numeric	Punts downed inside the opponent 20-yard line.
punting_tb	numeric	Punts resulting in a touchback.
punting_avg	numeric	Average yards per punt.
punting_yds	numeric	Total punting yards (gross).
punting_no	numeric	Number of punts attempted.
kicking_pts	numeric	Total points scored by the kicker (FGs + XPs).
kicking_long	numeric	Longest made field goal, in yards.
kicking_pct	numeric	Field-goal percentage (made / attempted), 0-100.
punt_returns_td	numeric	Touchdowns scored on punt returns.
punt_returns_long	numeric	Longest punt return, in yards.
punt_returns_avg	numeric	Average yards per punt return.
punt_returns_yds	numeric	Total punt-return yards.
punt_returns_no	numeric	Number of punt returns.
kick_returns_td	numeric	Touchdowns scored on kickoff returns.
kick_returns_long	numeric	Longest kickoff return, in yards.
kick_returns_avg	numeric	Average yards per kickoff return.
kick_returns_yds	numeric	Total kickoff-return yards.
kick_returns_no	numeric	Number of kickoff returns.
interceptions_td	numeric	Touchdowns scored on interception returns (pick-sixes).
interceptions_yds	numeric	Interception-return yards.
interceptions_int	numeric	Number of interceptions made by the player.
receiving_long	numeric	Longest reception by the player, in yards.
receiving_td	numeric	Receiving touchdowns.
receiving_avg	numeric	Average yards per reception.
receiving_yds	numeric	Total receiving yards.
receiving_rec	numeric	Number of receptions (catches).

rushing_long	numeric	Longest rush by the player, in yards.
rushing_td	numeric	Rushing touchdowns.
rushing_avg	numeric	Average yards per rushing attempt.
rushing_yds	numeric	Total rushing yards.
rushing_car	numeric	Rushing carries (attempts).
passing_int	numeric	Interceptions thrown by the passer.
passing_td	numeric	Passing touchdowns thrown.
passing_avg	numeric	Yards per pass attempt.
passing_yds	numeric	Total passing yards.
passing_completions	numeric	Pass completions (split from CFBD's C/ATT field).
passing_attempts	numeric	Pass attempts (split from CFBD's C/ATT field).
passing_qbr	numeric	ESPN Quarterback Rating (QBR) for the player in this game.
kicking_xpm	numeric	Extra points made (split from CFBD's XP field).
kicking_xpa	numeric	Extra points attempted (split from CFBD's XP field).
kicking_fgm	numeric	Field goals made (split from CFBD's FG field).
kicking_fga	numeric	Field goals attempted (split from CFBD's FG field).

See Also

Other CFBD Games: [cfbd_calendar\(\)](#), [cfbd_game_box_advanced\(\)](#), [cfbd_game_info\(\)](#), [cfbd_game_media\(\)](#), [cfbd_game_records\(\)](#), [cfbd_game_team_stats\(\)](#), [cfbd_game_weather\(\)](#), [cfbd_live_scoreboard\(\)](#)

Examples

```
try(cfbd_game_player_stats(year = 2020, week = 15, team = "Alabama"))

try(cfbd_game_player_stats(2013, week = 1, team = "Florida State", category = "passing"))
```

cfbd_game_records	Get team records by year
-------------------	---------------------------------

Description

Get team records by year

Usage

```
cfbd_game_records(year, team = NULL, conference = NULL)
```

Arguments

year	(<i>Integer</i> optional): Year, 4 digit format (YYYY) Minimum value accepted: 1869
team	(<i>String</i> optional): Team - Select a valid team, D1 football
conference	(<i>String</i> optional): DI Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC

Value

`cfbd_game_records()` - A data frame with 35 variables:

col_name	types	description
year	integer	Season of the games.
team_id	integer	Referencing team id.
team	character	Team name.
classification	character	Conference classification (fbs, fcs, ii, iii).
conference	character	Conference of the team.
division	character	Division in the conference of the team.
expected_wins	numeric	Expected number of wins based on post-game win probability.
total_games	integer	Total number of games played.
total_wins	integer	Total wins.
total_losses	integer	Total losses.
total_ties	integer	Total ties.
conference_games	integer	Number of conference games.
conference_wins	integer	Total conference wins.
conference_losses	integer	Total conference losses.
conference_ties	integer	Total conference ties.
home_games	integer	Total home games.
home_wins	integer	Total home wins.
home_losses	integer	Total home losses.
home_ties	integer	Total home ties.
away_games	integer	Total away games.
away_wins	integer	Total away wins.
away_losses	integer	Total away losses.
away_ties	integer	Total away ties.
neutral_games	integer	Total neutral site games.
neutral_wins	integer	Total neutral site wins.
neutral_losses	integer	Total neutral site losses.
neutral_ties	integer	Total neutral site ties.
regular_season_games	integer	Total regular season games.
regular_season_wins	integer	Total regular season wins.
regular_season_losses	integer	Total regular season losses.
regular_season_ties	integer	Total regular season ties.
postseason_games	integer	Total postseason games.
postseason_wins	integer	Total postseason wins.
postseason_losses	integer	Total postseason losses.
postseason_ties	integer	Total postseason ties.

See Also

Other CFBD Games: `cfbd_calendar()`, `cfbd_game_box_advanced()`, `cfbd_game_info()`, `cfbd_game_media()`, `cfbd_game_player_stats()`, `cfbd_game_team_stats()`, `cfbd_game_weather()`, `cfbd_live_scoreboard()`

Examples

```
try(cfbd_game_records(2018, team = "Notre Dame"))
```

```
try(cfbd_game_records(2013, team = "Florida State"))
```

cfbd_game_team_stats Get team statistics by game

Description**Get team statistics by game****Usage**

```
cfbd_game_team_stats(
  year,
  week = NULL,
  season_type = "regular",
  team = NULL,
  conference = NULL,
  game_id = NULL,
  division = "fbs",
  rows_per_team = 1
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY). Required year filter (along with one of week, team, or conference), unless game_id is specified Minimum value accepted: 2004
week	(<i>Integer</i> optional): Week - values range from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier. Required if team and conference not specified.
season_type	(<i>String</i> default: regular): Select Season Type - regular, postseason, both, allstar, spring_regular, spring_postseason
team	(<i>String</i> optional): D-I Team. Required if week and conference not specified.
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC Required if week and team not specified.
game_id	(<i>Integer</i> optional): Game ID filter for querying a single game Can be found using the cfbd_game_info() function
division	(<i>String</i> optional): Division abbreviation - Select a valid division: fbs/fcs/ii/iii
rows_per_team	(<i>Integer</i> default 1): Both Teams for each game on one or two row(s), Options: 1 or 2

Value

`cfbd_game_team_stats()` - A data frame with 78 variables:

col_name	types	description
game_id	integer	Referencing game id.
team	character	Team name.
conference	character	Conference of the team.
home_away	character	Home/Away Flag.
opponent	character	Opponent team name.
opponent_conference	character	Conference of the opponent team.
points	integer	Team points.
total_yards	character	Team total yards.
net_passing_yards	character	Team net passing yards.
completion_attempts	character	Team completion attempts.
passing_tds	character	Team passing touchdowns.
yards_per_pass	character	Team game yards per pass.
passes_intercepted	character	Team passes intercepted.
interception_yards	character	Interception yards.
interception_tds	character	Interceptions returned for a touchdown.
rushing_attempts	character	Team rushing attempts.
rushing_yards	character	Team rushing yards.
rush_tds	character	Team rushing touchdowns.
yards_per_rush_attempt	character	Team yards per rush attempt.
first_downs	character	First downs earned by the team.
third_down_eff	character	Third down efficiency.
fourth_down_eff	character	Fourth down efficiency.
punt_returns	character	Team punt returns.
punt_return_yards	character	Team punt return yards.
punt_return_tds	character	Team punt return touchdowns.
kick_return_yards	character	Team kick return yards.
kick_return_tds	character	Team kick return touchdowns.
kick_returns	character	Team kick returns.
kicking_points	character	Team points from kicking the ball.
fumbles_recovered	character	Team fumbles recovered.
fumbles_lost	character	Team fumbles lost.
total_fumbles	character	Team total fumbles.
tackles	character	Team tackles.
tackles_for_loss	character	Team tackles for a loss.
sacks	character	Team sacks.
qb_hurries	character	Team QB hurries.
interceptions	character	Team interceptions.
passes_deflected	character	Team passes deflected.
turnovers	character	Team turnovers.
defensive_tds	character	Team defensive touchdowns.
total_penalties_yards	character	Team total penalty yards.
possession_time	character	Team time of possession.
points_allowed	integer	Points for the opponent.
total_yards_allowed	character	Opponent total yards.

net_passing_yards_allowed	character	Opponent net passing yards.
completion_attempts_allowed	character	Opponent completion attempts.
passing_tds_allowed	character	Opponent passing TDs.
yards_per_pass_allowed	character	Opponent yards per pass allowed.
passes_intercepted_allowed	character	Opponent passes intercepted.
interception_yards_allowed	character	Opponent interception yards.
interception_tds_allowed	character	Opponent interception TDs.
rushing_attempts_allowed	character	Opponent rushing attempts.
rushing_yards_allowed	character	Opponent rushing yards.
rush_tds_allowed	character	Opponent rushing touchdowns.
yards_per_rush_attempt_allowed	character	Opponent rushing yards per attempt.
first_downs_allowed	character	Opponent first downs.
third_down_eff_allowed	character	Opponent third down efficiency.
fourth_down_eff_allowed	character	Opponent fourth down efficiency.
punt_returns_allowed	character	Opponent punt returns.
punt_return_yards_allowed	character	Opponent punt return yards.
punt_return_tds_allowed	character	Opponent punt return touchdowns.
kick_return_yards_allowed	character	Opponent kick return yards.
kick_return_tds_allowed	character	Opponent kick return touchdowns.
kick_returns_allowed	character	Opponent kick returns.
kicking_points_allowed	character	Opponent points from kicking.
fumbles_recovered_allowed	character	Opponent fumbles recovered.
fumbles_lost_allowed	character	Opponent fumbles lost.
total_fumbles_allowed	character	Opponent total number of fumbles.
tackles_allowed	character	Opponent tackles.
tackles_for_loss_allowed	character	Opponent tackles for loss.
sacks_allowed	character	Opponent sacks.
qb_hurries_allowed	character	Opponent quarterback hurries.
interceptions_allowed	character	Opponent interceptions.
passes_deflected_allowed	character	Opponent passes deflected.
turnovers_allowed	character	Opponent turnovers.
defensive_tds_allowed	character	Opponent defensive touchdowns.
total_penalties_yards_allowed	character	Opponent total penalty yards.
possession_time_allowed	character	Opponent time of possession.

See Also

Other CFBD Games: [cfbd_calendar\(\)](#), [cfbd_game_box_advanced\(\)](#), [cfbd_game_info\(\)](#), [cfbd_game_media\(\)](#), [cfbd_game_player_stats\(\)](#), [cfbd_game_records\(\)](#), [cfbd_game_weather\(\)](#), [cfbd_live_scoreboard\(\)](#)

Examples

```
try(cfbd_game_team_stats(2022, team = "LSU"))
```

```
try(cfbd_game_team_stats(2013, team = "Florida State"))
```

cfbd_game_weather	Get weather from games.
-------------------	--------------------------------

Description

Get weather from games.

Usage

```
cfbd_game_weather(
  year,
  week = NULL,
  season_type = "regular",
  team = NULL,
  conference = NULL,
  division = NULL
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format(YYYY) Minimum value accepted: 2001
week	(<i>Integer</i> optional): Week - values from 1-15, 1-14 for seasons pre-playoff (i.e. 2013 or earlier)
season_type	(<i>String</i> default regular): Select Season Type: regular, postseason, both, allstar, spring_regular, spring_postseason
team	(<i>String</i> optional): D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
division	(<i>String</i> optional): Division/classification filter – one of fbs, fcs, ii, ii/iii, iii. Sent to CFBD as classification.

Value

`cfbd_game_weather()` - A data frame with 23 variables:

col_name	types	description
game_id	integer	Referencing game id.
season	integer	Season of the game.
week	integer	Game week.
season_type	character	Season type of the game.
start_date	character	Game date.
start_time_tbd	logical	TRUE/FALSE flag for if the game's start time is to be determined.
game_indoors	logical	TRUE/FALSE flag for if the game is indoors.

home_team	character	Home team name.
home_conference	character	Home team conference.
away_team	character	Away team name.
away_conference	character	Away team conference.
venue_id	integer	Referencing venue id.
venue	character	Venue name.
temperature	integer	Game-time temperature, in degrees Fahrenheit.
dew_point	integer	Dew point at kickoff, in degrees Fahrenheit.
humidity	integer	Relative humidity at kickoff, as a percentage (0-100).
precipitation	integer	Precipitation total at kickoff, in inches.
snowfall	integer	Snowfall total at kickoff, in inches.
wind_direction	integer	Wind direction, in degrees (0-360, 0 = north).
wind_speed	integer	Wind speed, in miles per hour.
pressure	integer	Barometric pressure, in millibars.
weather_condition_code	integer	Weather condition code from the upstream weather provider.
weather_condition	character	Free-text weather condition (e.g. "Clear", "Light rain").

See Also

Other CFBD Games: [cfbd_calendar\(\)](#), [cfbd_game_box_advanced\(\)](#), [cfbd_game_info\(\)](#), [cfbd_game_media\(\)](#), [cfbd_game_player_stats\(\)](#), [cfbd_game_records\(\)](#), [cfbd_game_team_stats\(\)](#), [cfbd_live_scoreboard\(\)](#)

cfbd_info	CFBD Info Endpoint Overview
-----------	------------------------------------

Description

- `cfbd_info_usage()`: API key usage and remaining quota.

cfbd_info_usage	Get API key usage information
-----------------	--------------------------------------

Description

Get API key usage information Call volume and remaining quota for the configured CFBD API key.

Usage

`cfbd_info_usage(days = NULL, limit = NULL, api = NULL, proxy = NULL)`

Arguments

days	(<i>Integer</i> optional): Look-back window in days.
limit	(<i>Integer</i> optional): Maximum rows to return.
api	(<i>String</i> optional): API filter – all, cfb or cbb.
proxy	(<i>List</i> optional): Per-call proxy override passed to <code>get_req()</code> . NULL (default) falls back to <code>getOption("cfbfastR.proxy")</code> and then the <code>http(s)_proxy</code> environment variables, so a caller can override the shared setting for one endpoint.

Value

`cfbd_info_usage()` - A tibble with 11 columns:

col_name	types	description
api	character	API the request was made against (cfb or cbb).
endpoint	character	API endpoint path.
kind	character	Row type – top_endpoint (aggregated count) or recent_request (single event).
requests	integer	Number of requests recorded.
occurred_at	character	Timestamp for the row (last use for top_endpoint, request time for recent_request).
window_start	character	Start of the reporting window (ISO 8601).
window_end	character	End of the reporting window (ISO 8601).
total_requests	integer	Total requests in the window.
total_cfb_requests	integer	College football requests in the window.
total_cbb_requests	integer	College basketball requests in the window.
unique_endpoints	integer	Distinct endpoints called in the window.

Examples

```
try(cfbd_info_usage())
```

cfbd_live_plays	Get live college football play-by-play data.
-----------------	---

Description

Get live college football play-by-play data.

Usage

```
cfbd_live_plays(game_id)
```

Arguments

game_id	(<i>Integer</i> Required): Game ID filter for querying a single game Can be found using the <code>cfbd_game_info()</code> function
---------	---

Value

`cfbd_live_plays()` - A data frame with 94 columns:

col_name	types	description
game_id	integer	CFBD game id for the live game.
home_team_id	integer	CFBD team id of the home team.
home_team	character	Name of the home team.
away_team_id	integer	CFBD team id of the away team.
away_team	character	Name of the away team.
play_id	character	Unique CFBD play id for this play.
home_score	integer	Home team score at the conclusion of the play.
away_score	integer	Away team score at the conclusion of the play.
period	integer	Quarter (1-4, or overtime period) in which the play occurred.
clock	character	Game clock at the snap, formatted as "MM:SS".
wall_clock	character	Real-world UTC timestamp when the play was recorded.
offense_team_id	integer	CFBD team id of the team on offense for this play.
offense_team	character	Name of the team on offense for this play.
down	integer	Down (1-4) at the start of the play.
distance	integer	Yards to gain for a first down at the snap.
yards_to_goal	integer	Yards from the offense to the opponent's end zone at the snap (0-100).
yards_gained	integer	Net yards gained by the offense on the play.
play_type_id	integer	CFBD play_type identifier; see <code>cfbd_play_types()</code> .
play_type	character	Play type label (e.g. "Rush", "Pass Reception", "Punt").
ppa	numeric	Predicted Points Added (CFBD PPA/EPA) value for the play.
garbage_time	logical	TRUE if the play occurred during garbage time.
success	logical	TRUE if the play met CFBD success-rate criteria.
rush_pass	character	Classification of the play as "Rush" or "Pass".
down_type	character	Down/distance classification (e.g. "standard" vs "passing" down).
play_text	character	Free-text narrative description of the play.
drive_id	character	CFBD drive identifier for the drive containing this play.
drive_offense_id	integer	CFBD team id of the offense on the drive.
drive_offense_team	character	Name of the offensive team on the drive.
drive_defense_id	integer	CFBD team id of the defense on the drive.
drive_defense_team	character	Name of the defensive team on the drive.
drive_play_count	integer	Number of plays in the drive.
drive_yards_gained	integer	Total net yards gained on the drive.
drive_start_period	integer	Quarter in which the drive started.
drive_start_clock	character	Game clock ("MM:SS") when the drive started.
drive_start_yards_to_goal	integer	Yards to opponent's end zone at drive start (0-100).
drive_end_period	integer	Quarter in which the drive ended.
drive_end_clock	character	Game clock ("MM:SS") when the drive ended.
drive_end_yards_to_goal	integer	Yards to opponent's end zone at drive end (0-100).
drive_duration	character	Drive duration measured in elapsed game clock.
drive_scoring_opportunity	logical	TRUE if the drive reached scoring territory.
drive_result	character	Outcome of the drive (e.g. "TD", "FG", "PUNT", "INT").
drive_points_gained	integer	Points scored by the offense on the drive.
current_clock	character	Current game clock at the time of the live API snapshot.
current_possession	character	Team currently in possession at the snapshot time.

home_line_scores_q1	integer	Home team points scored in the first quarter.
home_line_scores_q2	integer	Home team points scored in the second quarter.
home_line_scores_q3	integer	Home team points scored in the third quarter.
home_line_scores_q4	integer	Home team points scored in the fourth quarter.
home_points	integer	Home team total points scored in the game so far.
home_drives	integer	Number of offensive drives by the home team.
home_scoring_opportunities	integer	Number of home drives that reached scoring territory.
home_points_per_opportunity	numeric	Home points scored per scoring opportunity.
home_average_start_yard_line	numeric	Average starting field position (yards from own goal) for home drives.
home_plays	integer	Total offensive plays run by the home team.
home_line_yards	numeric	Total offensive line yards credited to the home team's rushing attack.
home_line_yards_per_rush	numeric	Home offensive line yards per rush attempt.
home_second_level_yards	integer	Home rushing yards gained at the second level (5-10 yards past the line).
home_second_level_yards_per_rush	numeric	Home second-level rushing yards per rush attempt.
home_open_field_yards	integer	Home rushing yards gained in the open field (10+ yards past the line).
home_open_field_yards_per_rush	numeric	Home open-field rushing yards per rush attempt.
home_ppa_per_play	numeric	Average PPA per play for the home team (CFBD renames epa_per_play).
home_total_ppa	numeric	Cumulative PPA for the home team across all plays.
home_passing_ppa	numeric	Cumulative passing PPA for the home team.
home_ppa_per_pass	numeric	Average PPA per pass attempt for the home team.
home_rushing_ppa	numeric	Cumulative rushing PPA for the home team.
home_ppa_per_rush	numeric	Average PPA per rush attempt for the home team.
home_success_rate	numeric	Home team overall success rate (0-1).
home_standard_down_success_rate	numeric	Home success rate on standard downs (0-1).
home_passing_down_success_rate	numeric	Home success rate on passing downs (0-1).
home_explosiveness	numeric	Home explosiveness metric (average PPA on successful plays).
home_deserve_to_win	numeric	Home team "deserve-to-win" probability metric (0-1).
away_line_scores_q1	integer	Away team points scored in the first quarter.
away_line_scores_q2	integer	Away team points scored in the second quarter.
away_line_scores_q3	integer	Away team points scored in the third quarter.
away_line_scores_q4	integer	Away team points scored in the fourth quarter.
away_points	integer	Away team total points scored in the game so far.
away_drives	integer	Number of offensive drives by the away team.
away_scoring_opportunities	integer	Number of away drives that reached scoring territory.
away_points_per_opportunity	numeric	Away points scored per scoring opportunity.
away_average_start_yard_line	numeric	Average starting field position (yards from own goal) for away drives.
away_plays	integer	Total offensive plays run by the away team.
away_line_yards	numeric	Total offensive line yards credited to the away team's rushing attack.
away_line_yards_per_rush	numeric	Away offensive line yards per rush attempt.
away_second_level_yards	integer	Away rushing yards gained at the second level (5-10 yards past the line).
away_second_level_yards_per_rush	numeric	Away second-level rushing yards per rush attempt.
away_open_field_yards	integer	Away rushing yards gained in the open field (10+ yards past the line).
away_open_field_yards_per_rush	numeric	Away open-field rushing yards per rush attempt.
away_ppa_per_play	numeric	Average PPA per play for the away team (CFBD renames epa_per_play).
away_total_ppa	numeric	Cumulative PPA for the away team across all plays.
away_passing_ppa	numeric	Cumulative passing PPA for the away team.
away_ppa_per_pass	numeric	Average PPA per pass attempt for the away team.
away_rushing_ppa	numeric	Cumulative rushing PPA for the away team.

away_ppa_per_rush	numeric	Average PPA per rush attempt for the away team.
away_success_rate	numeric	Away team overall success rate (0-1).
away_standard_down_success_rate	numeric	Away success rate on standard downs (0-1).
away_passing_down_success_rate	numeric	Away success rate on passing downs (0-1).
away_explosiveness	numeric	Away explosiveness metric (average PPA on successful plays).
away_deserve_to_win	numeric	Away team "deserve-to-win" probability metric (0-1).

See Also

Other CFBD PBP: [cfbd_pbp_data\(\)](#), [cfbd_pbp_data_v2\(\)](#), [cfbd_play_stats_player\(\)](#), [cfbd_play_stats_types\(\)](#), [cfbd_play_types\(\)](#), [cfbd_plays\(\)](#)

Examples

```
try(cfbd_live_plays(game_id=401520182))
```

cfbd_live_scoreboard	Get live game scoreboard information from games.
----------------------	---

Description

Get live game scoreboard information from games.

Usage

```
cfbd_live_scoreboard(division = "fbs", conference = NULL)
```

Arguments

- division (String optional): Division abbreviation - Select a valid division: fbs/fcs/ii/iii
- conference (String optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC

Value

[cfbd_live_scoreboard\(\)](#) - A data frame with 41 variables:

col_name	types	description
game_id	integer	CFBD-internal game id; join key to other CFBD endpoints.
start_date	character	Scheduled kickoff timestamp (ISO 8601, UTC).
start_time_tbd	logical	TRUE if the scheduled kickoff time is still to be determined.
tv	character	Television network broadcasting the game (e.g. "ESPN", "ABC").
neutral_site	logical	TRUE if the game is being played at a neutral site.
conference_game	logical	TRUE if both teams are in the same conference.

status	character	Game status (e.g. "scheduled", "in_progress", "completed").
period	integer	Current period/quarter number (1-4, 5+ for overtime).
clock	character	Game clock display as "MM:SS" remaining in the current period.
situation	character	Free-text down-and-distance / field-position summary for the current play.
possession	character	Abbreviation of the team currently in possession.
last_play	character	Free-text description of the most recent play.
venue_name	character	Stadium / venue name.
venue_city	character	City where the venue is located.
venue_state	character	State (or province/country) where the venue is located.
home_team_id	integer	CFBD-internal team id for the home team.
home_team_name	character	Full home team name (e.g. "Georgia").
home_team_conference	character	Conference name of the home team.
home_team_classification	character	Division classification of the home team (fbs/fcs/ii/iii).
home_team_points	integer	Current total points scored by the home team.
home_team_line_scores_Q1	integer	Home team points scored in the first quarter.
home_team_line_scores_Q2	integer	Home team points scored in the second quarter.
home_team_line_scores_Q3	integer	Home team points scored in the third quarter.
home_team_line_scores_Q4	integer	Home team points scored in the fourth quarter.
away_team_id	integer	CFBD-internal team id for the away team.
away_team_name	character	Full away team name (e.g. "Auburn").
away_team_conference	character	Conference name of the away team.
away_team_classification	character	Division classification of the away team (fbs/fcs/ii/iii).
away_team_points	integer	Current total points scored by the away team.
away_team_line_scores_Q1	integer	Away team points scored in the first quarter.
away_team_line_scores_Q2	integer	Away team points scored in the second quarter.
away_team_line_scores_Q3	integer	Away team points scored in the third quarter.
away_team_line_scores_Q4	integer	Away team points scored in the fourth quarter.
weather_temperature	numeric	Temperature at kickoff, in degrees Fahrenheit.
weather_description	character	Free-text weather description (e.g. "Clear", "Light rain").
weather_wind_speed	numeric	Wind speed, in miles per hour.
weather_wind_direction	integer	Wind direction, in degrees (0-360, 0 = north).
betting_spread	numeric	Pre-game point spread relative to the home team (negative = home favored).
betting_over_under	numeric	Pre-game over/under (total) line in points.
betting_home_moneyline	integer	American-odds moneyline for the home team.
betting_away_moneyline	integer	American-odds moneyline for the away team.

See Also

Other CFBD Games: [cfbd_calendar\(\)](#), [cfbd_game_box_advanced\(\)](#), [cfbd_game_info\(\)](#), [cfbd_game_media\(\)](#), [cfbd_game_player_stats\(\)](#), [cfbd_game_records\(\)](#), [cfbd_game_team_stats\(\)](#), [cfbd_game_weather\(\)](#)

Examples

```
try(cfbd_live_scoreboard(division='fbs', conference = "B12"))
```

cfbd_metrics

CFBD Metrics Endpoint Overview

Description

- `cfbd_metrics_fg_ep()`: Get field goal expected points values.
- `cfbd_metrics_wepa_team_season()`: Get opponent-adjusted team season statistics for predicted points added (PPA).
- `cfbd_metrics_wepa_players_passing()`: Get opponent-adjusted player passing statistics for predicted points added (PPA).
- `cfbd_metrics_wepa_players_rushing()`: Get opponent-adjusted player rushing statistics for predicted points added (PPA).
- `cfbd_metrics_wepa_players_kicking()`: Get Points Added Above Replacement (PAAR) ratings for kickers.
- `cfbd_metrics_ppa_games()`: Get team game averages for predicted points added (PPA).
- `cfbd_metrics_ppa_players_games()`: Get player game averages for predicted points added (PPA).
- `cfbd_metrics_ppa_players_season()`: Get player season averages for predicted points added (PPA).
- `cfbd_metrics_ppa_predicted()`: Calculate predicted points using Down and Distance.
- `cfbd_metrics_ppa_teams()`: Get team averages for predicted points added (PPA).
- `cfbd_metrics_wp_pregame()`: Get pre-game win probability data from CFBD API.
- `cfbd_metrics_wp()`: Get win probability chart data from CFBD API.

Details**Get expected points for field goals by yards to goal and distance:**

```
cfbd_metrics_fg_ep()
```

Get opponent-adjusted team season statistics for predicted points added (PPA):

```
cfbd_metrics_wepa_team_season(year = 2019, team = "TCU")
```

Get opponent-adjusted player passing statistics for predicted points added (PPA):

```
cfbd_metrics_wepa_players_passing(year = 2019, team = "TCU")
```

Get opponent-adjusted player rushing statistics for predicted points added (PPA):

```
cfbd_metrics_wepa_players_rushing(year = 2019, team = "TCU")
```

Get Points Added Above Replacement (PAAR) ratings for kickers:

```
cfbd_metrics_wepa_players_kicking(year = 2019, team = "TCU")
```

Get team game averages for predicted points added (PPA):

```
cfbd_metrics_ppa_games(year = 2019, team = "TCU")
```

Get player game averages for predicted points added (PPA):

```
cfbd_metrics_ppa_players_games(year = 2019, week = 3, team = "TCU")
```

Get player season averages for predicted points added (PPA):

```
cfbd_metrics_ppa_players_season(year = 2019, team = "TCU")
```

Get team averages for predicted points added (PPA):

```
cfbd_metrics_ppa_teams(year = 2019, team = "TCU")
```

Get pre-game and post-game win probability data from CFBD API:

```
cfbd_metrics_wp_pregame(year = 2019, week = 9, team = "Texas A&M")
cfbd_metrics_wp(game_id = 401012356)
```

Calculate predicted points using down and distance:

```
cfbd_metrics_ppa_predicted(down = 1, distance = 10)
```

cfbd_metrics_fg_ep	Get FG expected points from CFBD API
--------------------	---

Description**Get FG expected points from CFBD API****Usage**

```
cfbd_metrics_fg_ep()
```

Value

`cfbd_metrics_fg_ep()` - A data frame with 3 variables:

col_name	types	description
yards_to_goal	integer	Yards to the goal line (0-100).
distance	integer	Distance to goal posts from kicking location (17 yds further than yards to goal).
expected_points	numeric	Expected points given yards to goal / distance.

See Also

Other CFBD Metrics: `cfbd_metrics_ppa_games()`, `cfbd_metrics_ppa_players_games()`, `cfbd_metrics_ppa_players_season()`, `cfbd_metrics_ppa_teams()`, `cfbd_metrics_wepa_players_kicking()`, `cfbd_metrics_wepa_players_passing()`, `cfbd_metrics_wepa_players_rushing()`, `cfbd_metrics_wepa_team_season()`, `cfbd_metrics_wp()`, `cfbd_metrics_wp_pregame()`

Examples

```
try(cfbd_metrics_fg_ep())
```

cfbd_metrics_ppa_games

Get team game averages for predicted points added (PPA)

Description

Get team game averages for predicted points added (PPA)

Usage

```
cfbd_metrics_ppa_games(
  year,
  week = NULL,
  season_type = "both",
  team = NULL,
  conference = NULL,
  excl_garbage_time = FALSE,
  division = NULL
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY) Minimum value accepted: 2001
week	(<i>Integer</i> optional): Week - values range from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier
season_type	(<i>String</i> default both): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason
team	(<i>String</i> optional): D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
excl_garbage_time	(<i>Logical</i> default FALSE): Select whether to exclude Garbage Time (TRUE or FALSE)
division	(<i>String</i> optional): Division/classification filter – one of fbs, fcs, ii, ii/iii, iii. Sent to CFBD as classification.

Value

`cfbd_metrics_ppa_games()` - A data frame with 19 variables:

col_name	types	description
game_id	integer	Referencing game id.
season	integer	Season of the game.
week	integer	Game week of the season.
season_type	character	Season type (regular, postseason, etc.).
conference	character	Conference of the team.
team	character	Team name.
opponent	character	Team opponent name.
off_overall	numeric	Offense overall predicted points added (PPA).
off_passing	numeric	Offense passing predicted points added (PPA).
off_rushing	numeric	Offense rushing predicted points added (PPA).
off_first_down	numeric	Offense 1st down predicted points added (PPA).
off_second_down	numeric	Offense 2nd down predicted points added (PPA).
off_third_down	numeric	Offense 3rd down predicted points added (PPA).
def_overall	numeric	Defense overall predicted points added (PPA).
def_passing	numeric	Defense passing predicted points added (PPA).
def_rushing	numeric	Defense rushing predicted points added (PPA).
def_first_down	numeric	Defense 1st down predicted points added (PPA).
def_second_down	numeric	Defense 2nd down predicted points added (PPA).
def_third_down	numeric	Defense 3rd down predicted points added (PPA).

See Also

Other CFBD Metrics: `cfbd_metrics_fg_ep()`, `cfbd_metrics_ppa_players_games()`, `cfbd_metrics_ppa_players_seasons()`, `cfbd_metrics_ppa_predicted()`, `cfbd_metrics_ppa_teams()`, `cfbd_metrics_wepa_players_kicking()`, `cfbd_metrics_wepa_players_passing()`, `cfbd_metrics_wepa_players_rushing()`, `cfbd_metrics_wepa_team_seasons()`, `cfbd_metrics_wp()`, `cfbd_metrics_wp_pregame()`

Examples

```
try(cfbd_metrics_ppa_games(year = 2019, team = "TCU"))
```

`cfbd_metrics_ppa_players_games`
Get player game averages for predicted points added (PPA)

Description

Get player game averages for predicted points added (PPA)

Usage

```
cfbd_metrics_ppa_players_games(
  year = NULL,
  week = NULL,
  season_type = "both",
  team = NULL,
  position = NULL,
  athlete_id = NULL,
  threshold = NULL,
  excl_garbage_time = FALSE
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY). Minimum value accepted: 2013
week	(<i>Integer</i> optional): Week - values range from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier. Required if team not provided.
season_type	(<i>String</i> default both): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason
team	(<i>String</i> optional): D-I Team. Required if week not provided.
position	(<i>string</i> optional): Position abbreviation of the player you are searching for. Position Group - options include: • Offense: QB, RB, FB, TE, OL, G, OT, C, WR • Defense: DB, CB, S, LB, DE, DT, NT, DL • Special Teams: K, P, LS, PK
athlete_id	(<i>Integer</i> optional): Athlete ID filter for querying a single athlete Can be found using the cfbd_player_info() function.
threshold	(<i>Integer</i> optional): Minimum threshold of plays.
excl_garbage_time	(<i>Logical</i> default FALSE): Select whether to exclude Garbage Time (TRUE or FALSE)

Value

[cfbd_metrics_ppa_players_games\(\)](#) - A data frame with 10 variables:

col_name	types	description
season	integer	Season of the game.
week	integer	Game week of the season.
athlete_id	character	Athlete referencing id.
name	character	Athlete name.
position	character	Athlete position.
team	character	Team name.
opponent	character	Team opponent name.

avg_PPA_all	numeric	Average overall predicted points added (PPA).
avg_PPA_pass	numeric	Average passing predicted points added (PPA).
avg_PPA_rush	numeric	Average rushing predicted points added (PPA).

See Also

Other CFBD Metrics: [cfbd_metrics_fg_ep\(\)](#), [cfbd_metrics_ppa_games\(\)](#), [cfbd_metrics_ppa_players_season\(\)](#), [cfbd_metrics_ppa_predicted\(\)](#), [cfbd_metrics_ppa_teams\(\)](#), [cfbd_metrics_wepa_players_kicking\(\)](#), [cfbd_metrics_wepa_players_passing\(\)](#), [cfbd_metrics_wepa_players_rushing\(\)](#), [cfbd_metrics_wepa_team_season\(\)](#), [cfbd_metrics_wp\(\)](#), [cfbd_metrics_wp_pregame\(\)](#)

Examples

```
try(cfbd_metrics_ppa_players_games(year = 2019, week = 3, team = "TCU"))
```

cfbd_metrics_ppa_players_season
Get player season averages for predicted points added (PPA)

Description

Get player season averages for predicted points added (PPA)

Usage

```
cfbd_metrics_ppa_players_season(  
  year = NULL,  
  team = NULL,  
  conference = NULL,  
  position = NULL,  
  athlete_id = NULL,  
  threshold = NULL,  
  excl_garbage_time = FALSE  
)
```

Arguments

year	(<i>Integer</i> optional): Year, 4 digit format (YYYY). Required if athlete_id not provided Minimum value accepted: 2013
team	(<i>String</i> optional): D-I Team.
conference	(<i>String</i> optional): Conference abbreviation - S&P+ information by conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC

position	(<i>string</i> optional): Position abbreviation of the player you are searching for. Position Group - options include: • Offense: QB, RB, FB, TE, OL, G, OT, C, WR • Defense: DB, CB, S, LB, DE, DT, NT, DL • Special Teams: K, P, LS, PK
athlete_id	(<i>Integer</i> optional): Athlete ID filter for querying a single athlete. Required if year not provided Can be found using the cfbd_player_info() function.
threshold	(<i>Integer</i> optional): Minimum threshold of plays.
excl_garbage_time	(<i>Logical</i> default FALSE): Select whether to exclude Garbage Time (TRUE or FALSE)

Value

[cfbd_metrics_ppa_players_season\(\)](#) - A data frame with 23 variables:

col_name	types	description
season	integer	Four-digit season year.
athlete_id	character	Athlete referencing id.
name	character	Athlete name.
position	character	Athlete position abbreviation (e.g. "QB", "RB").
team	character	Team name.
conference	character	Team conference name.
countable_plays	integer	DEPRECATED Number of plays which can be counted.
avg_PPA_all	numeric	Average overall predicted points added (PPA).
avg_PPA_pass	numeric	Average passing predicted points added (PPA).
avg_PPA_rush	numeric	Average rushing predicted points added (PPA).
avg_PPA_first_down	numeric	Average 1st down predicted points added (PPA).
avg_PPA_second_down	numeric	Average 2nd down predicted points added (PPA).
avg_PPA_third_down	numeric	Average 3rd down predicted points added (PPA).
avg_PPA_standard_downs	numeric	Average standard down predicted points added (PPA).
avg_PPA_passing_downs	numeric	Average passing down predicted points added (PPA).
total_PPA_all	numeric	Total overall predicted points added (PPA).
total_PPA_pass	numeric	Total passing predicted points added (PPA).
total_PPA_rush	numeric	Total rushing predicted points added (PPA).
total_PPA_first_down	numeric	Total 1st down predicted points added (PPA).
total_PPA_second_down	numeric	Total 2nd down predicted points added (PPA).
total_PPA_third_down	numeric	Total 3rd down predicted points added (PPA).
total_PPA_standard_downs	numeric	Total standard down predicted points added (PPA).
total_PPA_passing_downs	numeric	Total passing down predicted points added (PPA).

See Also

Other CFBD Metrics: [cfbd_metrics_fg_ep\(\)](#), [cfbd_metrics_ppa_games\(\)](#), [cfbd_metrics_ppa_players_games\(\)](#), [cfbd_metrics_ppa_predicted\(\)](#), [cfbd_metrics_ppa_teams\(\)](#), [cfbd_metrics_wepa_players_kicking\(\)](#), [cfbd_metrics_wepa_players_passing\(\)](#), [cfbd_metrics_wepa_players_rushing\(\)](#), [cfbd_metrics_wepa_team_seasons\(\)](#), [cfbd_metrics_wp\(\)](#), [cfbd_metrics_wp_pregame\(\)](#)

Examples

```
try(cfbd_metrics_ppa_players_season(year = 2019, team = "TCU"))
```

cfbd_metrics_ppa_predicted
Calculate predicted points using down and distance

Description

Calculate predicted points using down and distance

Usage

```
cfbd_metrics_ppa_predicted(down, distance)
```

Arguments

- down (Integer required): Down filter
- distance (Integer required): Distance filter

Value

cfbd_metrics_ppa_predicted() - A data frame with 2 variables:

col_name	types	description
yard_line	integer	Yards to goal.
predicted_points	numeric	Predicted points in that down-distance-yardline scenario.

See Also

Other CFBD Metrics: cfbd_metrics_fg_ep(), cfbd_metrics_ppa_games(), cfbd_metrics_ppa_players_games(), cfbd_metrics_ppa_players_season(), cfbd_metrics_ppa_teams(), cfbd_metrics_wepa_players_kicking(), cfbd_metrics_wepa_players_passing(), cfbd_metrics_wepa_players_rushing(), cfbd_metrics_wepa_team_season(), cfbd_metrics_wp(), cfbd_metrics_wp_pregame()

Examples

```
try(cfbd_metrics_ppa_predicted(down = 1, distance = 10))  
  
try(cfbd_metrics_ppa_predicted(down = 3, distance = 10))
```

cfbd_metrics_ppa_teams

Get team averages for predicted points added (PPA)

Description

Get team averages for predicted points added (PPA)

Usage

```
cfbd_metrics_ppa_teams(
  year = NULL,
  team = NULL,
  conference = NULL,
  excl_garbage_time = FALSE,
  division = NULL
)
```

Arguments

year	(<i>Integer</i> optional): Year, 4 digit format (YYYY). Required if team not provided Minimum value accepted: 2001
team	(<i>String</i> optional): D-I Team. Required if year not provided
conference	(<i>String</i> optional): Conference name - select a valid FBS conference Conference names P5: ACC, Big 12, Big Ten, SEC, Pac-12 Conference names G5 and FBS Independents: Conference USA, Mid-American, Mountain West, FBS Independents, American Athletic
excl_garbage_time	(<i>Logical</i> default FALSE): Select whether to exclude Garbage Time (TRUE or FALSE)
division	(<i>String</i> optional): Division/classification filter – one of fbs, fcs, ii, ii/iii, iii. Sent to CFBD as classification.

Value

`cfbd_metrics_ppa_teams()` - A data frame with 21 variables:

col_name	types	description
season	integer	Four-digit season year.
conference	character	Team conference name.
team	character	Team name.
off_overall	numeric	Offense overall predicted points added (PPA).
off_passing	numeric	Offense passing predicted points added (PPA).
off_rushing	numeric	Offense rushing predicted points added (PPA).
off_first_down	numeric	Offense 1st down predicted points added (PPA).
off_second_down	numeric	Offense 2nd down predicted points added (PPA).

off_third_down	numeric	Offense 3rd down predicted points added (PPA).
off_cumulative_total	numeric	Offense cumulative total predicted points added (PPA).
off_cumulative_passing	numeric	Offense cumulative total passing predicted points added (PPA).
off_cumulative_rushing	numeric	Offense cumulative total rushing predicted points added (PPA).
def_overall	numeric	Defense overall predicted points added (PPA).
def_passing	numeric	Defense passing predicted points added (PPA).
def_rushing	numeric	Defense rushing predicted points added (PPA).
def_first_down	numeric	Defense 1st down predicted points added (PPA).
def_second_down	numeric	Defense 2nd down predicted points added (PPA).
def_third_down	numeric	Defense 3rd down predicted points added (PPA).
def_cumulative_total	numeric	Defense cumulative total predicted points added (PPA).
def_cumulative_passing	numeric	Defense cumulative total passing predicted points added (PPA).
def_cumulative_rushing	numeric	Defense cumulative total rushing predicted points added (PPA).

See Also

Other CFBD Metrics: [cfbd_metrics_fg_ep\(\)](#), [cfbd_metrics_ppa_games\(\)](#), [cfbd_metrics_ppa_players_games\(\)](#), [cfbd_metrics_ppa_players_season\(\)](#), [cfbd_metrics_ppa_predicted\(\)](#), [cfbd_metrics_wepa_players_kicking\(\)](#), [cfbd_metrics_wepa_players_passing\(\)](#), [cfbd_metrics_wepa_players_rushing\(\)](#), [cfbd_metrics_wepa_team_season\(\)](#), [cfbd_metrics_wp\(\)](#), [cfbd_metrics_wp_pregame\(\)](#)

Examples

```
try(cfbd_metrics_ppa_teams(year = 2019, team = "TCU"))
```

cfbd_metrics_wepa_players_kicking
Get Points Added Above Replacement (PAAR) ratings for kickers

Description

Get Points Added Above Replacement (PAAR) ratings for kickers

Usage

```
cfbd_metrics_wepa_players_kicking(year = NULL, team = NULL, conference = NULL)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY) Minimum value accepted: 2016
team	(<i>String</i> optional): D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC

Value

`cfbd_metrics_wepa_players_kicking()` - A data frame with 7 variables:

col_name	types	description
year	integer	Four-digit season year (e.g. 2019).
athlete_id	character	CFBD athlete identifier (use with <code>cfbd_player_info()</code>).
athlete_name	character	Kicker full name.
team	character	Full team name (e.g. "TCU").
conference	character	Team conference name (e.g. "Big 12").
paar	numeric	Points Added Above Replacement on field goal attempts (kicker value vs baseline).
attempts	integer	Total field goal attempts included in the PAAR calculation.

See Also

Other CFBD Metrics: `cfbd_metrics_fg_ep()`, `cfbd_metrics_ppa_games()`, `cfbd_metrics_ppa_players_games()`, `cfbd_metrics_ppa_players_season()`, `cfbd_metrics_ppa_predicted()`, `cfbd_metrics_ppa_teams()`, `cfbd_metrics_wepa_players_passing()`, `cfbd_metrics_wepa_players_rushing()`, `cfbd_metrics_wepa_team_season()`, `cfbd_metrics_wp()`, `cfbd_metrics_wp_pregame()`

Examples

```
try(cfbd_metrics_wepa_players_kicking(year = 2019, team = "TCU"))
```

`cfbd_metrics_wepa_players_passing`
Get opponent-adjusted player passing statistics for predicted points added (PPA)

Description

Get opponent-adjusted player passing statistics for predicted points added (PPA)

Usage

```
cfbd_metrics_wepa_players_passing(  
  year = NULL,  
  team = NULL,  
  conference = NULL,  
  position = NULL  
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY) Minimum value accepted: 2013
team	(<i>String</i> optional): D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
position	(<i>string</i> optional): Position abbreviation of the player you are searching for. Position Group - options include: • Offense: QB, RB, FB, TE, OL, G, OT, C, WR • Defense: DB, CB, S, LB, DE, DT, NT, DL • Special Teams: K, P, LS, PK

Value

`cfbd_metrics_wepa_players_passing()` - A data frame with 8 variables:

col_name	types	description
year	integer	Four-digit season year (e.g. 2019).
athlete_id	character	CFBD athlete identifier (use with <code>cfbd_player_info()</code>).
athlete_name	character	Player full name.
position	character	Player position abbreviation (e.g. "QB", "RB").
team	character	Full team name (e.g. "TCU").
conference	character	Team conference name (e.g. "Big 12").
wepa	numeric	Opponent-adjusted weighted EPA (passing predicted points added).
plays	integer	Total qualifying passing plays included in the WEPA calculation.

See Also

Other CFBD Metrics: `cfbd_metrics_fg_ep()`, `cfbd_metrics_ppa_games()`, `cfbd_metrics_ppa_players_games()`, `cfbd_metrics_ppa_players_season()`, `cfbd_metrics_ppa_predicted()`, `cfbd_metrics_ppa_teams()`, `cfbd_metrics_wepa_players_kicking()`, `cfbd_metrics_wepa_players_rushing()`, `cfbd_metrics_wepa_team_season()`, `cfbd_metrics_wp()`, `cfbd_metrics_wp_pregame()`

Examples

```
try(cfbd_metrics_wepa_players_passing(year = 2019, team = "TCU"))
```

cfbd_metrics_wepa_players_rushing

Get opponent-adjusted player rushing statistics for predicted points added (PPA)

Description

Get opponent-adjusted player rushing statistics for predicted points added (PPA)

Usage

```
cfbd_metrics_wepa_players_rushing(
  year = NULL,
  team = NULL,
  conference = NULL,
  position = NULL
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY) Minimum value accepted: 2013
team	(<i>String</i> optional): D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
position	(<i>string</i> optional): Position abbreviation of the player you are searching for. Position Group - options include: • Offense: QB, RB, FB, TE, OL, G, OT, C, WR • Defense: DB, CB, S, LB, DE, DT, NT, DL • Special Teams: K, P, LS, PK

Value

`cfbd_metrics_wepa_players_rushing()` - A data frame with 8 variables:

col_name	types	description
year	integer	Four-digit season year (e.g. 2019).
athlete_id	character	CFBD athlete identifier (use with <code>cfbd_player_info()</code>).
athlete_name	character	Player full name.
position	character	Player position abbreviation (e.g. "RB", "QB").
team	character	Full team name (e.g. "TCU").
conference	character	Team conference name (e.g. "Big 12").
wepa	numeric	Opponent-adjusted weighted EPA (rushing predicted points added).
plays	integer	Total qualifying rushing plays included in the WEPA calculation.

See Also

Other CFBD Metrics: [cfbd_metrics_fg_ep\(\)](#), [cfbd_metrics_ppa_games\(\)](#), [cfbd_metrics_ppa_players_games\(\)](#), [cfbd_metrics_ppa_players_season\(\)](#), [cfbd_metrics_ppa_predicted\(\)](#), [cfbd_metrics_ppa_teams\(\)](#), [cfbd_metrics_wepa_players_kicking\(\)](#), [cfbd_metrics_wepa_players_passing\(\)](#), [cfbd_metrics_wepa_team_season\(\)](#), [cfbd_metrics_wp\(\)](#), [cfbd_metrics_wp_pregame\(\)](#)

Examples

```
try(cfbd_metrics_wepa_players_rushing(year = 2019, team = "TCU"))
```

cfbd_metrics_wepa_team_season
Get opponent-adjusted team season statistics for predicted points added (PPA)

Description

Get opponent-adjusted team season statistics for predicted points added (PPA)

Usage

```
cfbd_metrics_wepa_team_season(year = NULL, team = NULL, conference = NULL)
```

Arguments

- year (*Integer* required): Year, 4 digit format (YYYY)
Minimum value accepted: 2008
- team (*String* optional): D-I Team
- conference (*String* optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC

Value

[cfbd_metrics_wepa_team_season\(\)](#) - A data frame with 26 variables:

col_name	types	description
year	integer	Four-digit season year (e.g. 2019).
team_id	integer	CFBD internal team identifier.
team	character	Full team name (e.g. "TCU").
conference	character	Team conference name (e.g. "Big 12").
explosiveness	numeric	Offensive opponent-adjusted explosiveness rate (higher = more big play).
explosiveness_allowed	numeric	Defensive opponent-adjusted explosiveness rate allowed.

epa_total	numeric	Opponent-adjusted total offensive EPA per play (predicted points added).
epa_passing	numeric	Opponent-adjusted offensive passing EPA per play.
epa_rushing	numeric	Opponent-adjusted offensive rushing EPA per play.
epa_allowed_total	numeric	Opponent-adjusted total defensive EPA per play allowed.
epa_allowed_passing	numeric	Opponent-adjusted defensive passing EPA per play allowed.
epa_allowed_rushing	numeric	Opponent-adjusted defensive rushing EPA per play allowed.
success_rate_total	numeric	Opponent-adjusted offensive success rate across all plays (proportion 0-1).
success_rate_standard_downs	numeric	Opponent-adjusted offensive success rate on standard downs (proportion 0-1).
success_rate_passing_downs	numeric	Opponent-adjusted offensive success rate on passing downs (proportion 0-1).
success_rate_allowed_total	numeric	Opponent-adjusted defensive success rate allowed across all plays (proportion 0-1).
success_rate_allowed_standard_downs	numeric	Opponent-adjusted defensive success rate allowed on standard downs (proportion 0-1).
success_rate_allowed_passing_downs	numeric	Opponent-adjusted defensive success rate allowed on passing downs (proportion 0-1).
rushing_line_yards	numeric	Opponent-adjusted offensive line yards per rush (Football Outsiders metric).
rushing_second_level_yards	numeric	Opponent-adjusted offensive second-level yards per rush (5-10 yards past line).
rushing_open_field_yards	numeric	Opponent-adjusted offensive open-field yards per rush (10+ yards past line).
rushing_highlight_yards	numeric	Opponent-adjusted offensive highlight yards per opportunity rush.
rushing_allowed_line_yards	numeric	Opponent-adjusted defensive line yards per rush allowed.
rushing_allowed_second_level_yards	numeric	Opponent-adjusted defensive second-level yards per rush allowed.
rushing_allowed_open_field_yards	numeric	Opponent-adjusted defensive open-field yards per rush allowed.
rushing_allowed_highlight_yards	numeric	Opponent-adjusted defensive highlight yards per opportunity rush allowed.

See Also

Other CFBD Metrics: [cfbd_metrics_fg_ep\(\)](#), [cfbd_metrics_ppa_games\(\)](#), [cfbd_metrics_ppa_players_games\(\)](#), [cfbd_metrics_ppa_players_season\(\)](#), [cfbd_metrics_ppa_predicted\(\)](#), [cfbd_metrics_ppa_teams\(\)](#), [cfbd_metrics_wepa_players_kicking\(\)](#), [cfbd_metrics_wepa_players_passing\(\)](#), [cfbd_metrics_wepa_players_rushing\(\)](#), [cfbd_metrics_wp\(\)](#), [cfbd_metrics_wp_pregame\(\)](#)

Examples

```
try(cfbd_metrics_wepa_team_season(year = 2019, team = "TCU"))
```

cfbd_metrics_wp	Get win probability chart data from API
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Description

Get win probability chart data from API

Usage

```
cfbd_metrics_wp(game_id)
```

Arguments

game_id (Integer required): Game ID filter for querying a single game Can be found using the [cfbd_game_info\(\)](#) function

Value

`cfbd_metrics_wp()` - A data frame with 16 variables:

col_name	types	description
play_id	character	Play referencing id.
play_text	character	A text description of the play.
home_id	integer	Home team referencing id.
home	character	Home team name.
away_id	integer	Away team referencing id.
away	character	Away team name.
spread	numeric	Betting lines provider spread.
home_ball	logical	Home team has the ball.
home_score	integer	Home team score.
away_score	integer	Away team score.
down	integer	Down of the play.
distance	integer	Distance to the sticks (to 1st down marker or goal-line in goal-to-go situations).
home_win_prob	numeric	Home team win probability (0-1).
away_win_prob	numeric	Away team win probability (0-1).
play_number	integer	Game play number.
yard_line	integer	Yard line of the play (0-100 yards).

See Also

Other CFBD Metrics: `cfbd_metrics_fg_ep()`, `cfbd_metrics_ppa_games()`, `cfbd_metrics_ppa_players_games()`, `cfbd_metrics_ppa_players_season()`, `cfbd_metrics_ppa_predicted()`, `cfbd_metrics_ppa_teams()`, `cfbd_metrics_wepa_players_kicking()`, `cfbd_metrics_wepa_players_passing()`, `cfbd_metrics_wepa_players_rushing()`, `cfbd_metrics_wepa_team_season()`, `cfbd_metrics_wp_pregame()`

Examples

```
try(cfbd_metrics_wp(game_id = 401012356))
```

`cfbd_metrics_wp_pregame`
Get pre-game win probability data from API

Description

Get pre-game win probability data from API

Usage

```
cfbd_metrics_wp_pregame(
  year = NULL,
  week = NULL,
  team = NULL,
  season_type = "both"
)
```

Arguments

year	(<i>Integer</i> optional): Year, 4 digit format (YYYY) Minimum value accepted: 2013
week	(<i>Integer</i> optional): Week - values from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier
team	(<i>String</i> optional): D-I Team
season_type	(<i>String</i> default both): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason

Value

`cfbd_metrics_wp_pregame()` - A data frame with 9 variables:

col_name	types	description
season	integer	Season of the game.
season_type	character	Season type of the game (regular, postseason, etc.).
week	integer	Game week of the season.
game_id	integer	Referencing game id.
home_team	character	Home team name.
away_team	character	Away team name.
spread	numeric	Betting line provider spread.
home_win_prob	numeric	Home win probability - pre-game prediction (0-1).
away_win_prob	numeric	Away win probability - pre-game prediction (0-1).

See Also

Other CFBD Metrics: `cfbd_metrics_fg_ep()`, `cfbd_metrics_ppa_games()`, `cfbd_metrics_ppa_players_games()`, `cfbd_metrics_ppa_players_season()`, `cfbd_metrics_ppa_predicted()`, `cfbd_metrics_ppa_teams()`, `cfbd_metrics_wepa_players_kicking()`, `cfbd_metrics_wepa_players_passing()`, `cfbd_metrics_wepa_players_rushing()`, `cfbd_metrics_wepa_team_season()`, `cfbd_metrics_wp()`

Examples

```
try(cfbd_metrics_wp_pregame(year = 2019, week = 9, team = "Texas A&M"))
```

cfbd_pbp

CFBD Play-by-Play Endpoint Overview**Description**

- `cfbd_pbp_data()`: Get college football play by play data with `cfbfastR` expected points/win probability added.

Details

The modular successor `cfbd_pbp_data_v2()` ships in a sibling file and references the same CFBD upstream.

Get college football play by play data with `cfbfastR` expected points/win probability added:

```
# Get play by play data for 2025 regular season week 1
cfbd_pbp_data(year = 2025, week = 1, season_type = 'regular', epa_wpa = TRUE)
```

cfbd_pbp_data

Get college football play by play data with `cfbfastR` expected points/win probability added**Description**

Extract college football (D-I) play by play Data - for plays

Usage

```
cfbd_pbp_data(
  year,
  season_type = "regular",
  week = 1,
  team = NULL,
  play_type = NULL,
  epa_wpa = FALSE,
  engine = NULL,
  ...,
  defense = NULL,
  offense_conference = NULL,
  defense_conference = NULL,
  conference = NULL,
  division = NULL
)
```

Arguments

year	Select year, (example: 2018) Minimum value accepted: 2001
season_type	(<i>String</i> default regular): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason
week	Select week, this is optional (also numeric)
team	Select team name (example: Texas, Texas A&M, Clemson)
play_type	Select play type (example: see the cfbd_play_type_df)
epa_wpa	Logical parameter (TRUE/FALSE) to return the Expected Points Added/Win Probability Added variables
engine	(<i>Character</i> optional): which play-by-play engine to run. One of "v2", "legacy" or "auto"; NULL (default) resolves from <code>getOption("cfbfastR.pbp_engine")</code> , which itself defaults to "v2" as of this release. On "v2" this delegates to cfbd_pbp_data_v2() , which adds penalty enforcement resolution, ESPN-resolved player names, the *_player_id columns and team attribution. "legacy" reproduces the pre-2.3.0 frame unchanged.
...	Additional arguments passed to cfbd_pbp_data_v2() when the call delegates – notably output, the "default" / "lean" / "full" modeled column-set selector. Ignored on the legacy path.
defense	(<i>String</i> optional): Defensive team filter.
offense_conference	(<i>String</i> optional): Offensive team conference filter.
defense_conference	(<i>String</i> optional): Defensive team conference filter.
conference	(<i>String</i> optional): Conference filter (either side of the ball).
division	(<i>String</i> optional): Division/classification filter – fbs, fcs, ii, ii/iii, iii.

Details

```
# Get play by play data for 2025 regular season week 1
cfbd_pbp_data(year = 2025, week = 1, season_type = 'regular', epa_wpa = TRUE)
```

Value

A data frame with 368 variables:

col_name	types	description
season	numeric	Four-digit season year (e.g. 2024).
wk	numeric	Season week number (1-15 regular season, 1 for bowl/postseason week).
id_play	character	Unique CFBD play identifier (concatenates game_id and play index).
game_id	integer	CFBD-internal game identifier.
game_play_number	numeric	Sequential play number within the game (excludes timeouts/end markers).
half_play_number	numeric	Sequential play number within the current half.
drive_play_number	numeric	Sequential play number within the current drive.
pos_team	character	Team name in possession at the start of the play (offense, kickoff-aware).

def_pos_team	character	Team name on defense at the start of the play.
pos_team_score	integer	Score for the team in possession at the start of the play.
def_pos_team_score	integer	Score for the defensive team at the start of the play.
half	factor	Half indicator (1 or 2).
period	integer	Quarter number (1-4, 5+ for overtime).
clock_minutes	integer	Minutes remaining on the period clock at the start of the play.
clock_seconds	integer	Seconds remaining on the period clock at the start of the play.
play_type	character	CFBD play type label (e.g. "Rush", "Pass Reception", "Field Goal Good")
play_text	character	Free-text description of the play from CFBD.
down	numeric	Down number at the start of the play (1-4).
distance	numeric	Yards to gain for a first down at the start of the play.
yards_to_goal	numeric	Yards from the offense to the opponent's end zone at the start of the play.
yards_gained	numeric	Yards gained (or lost) by the offense on the play.
EPA	numeric	Expected Points Added on the play (cfbfastR EPA model output).
ep_before	numeric	Expected points value before the play (cfbfastR EPA model).
ep_after	numeric	Expected points value after the play (cfbfastR EPA model).
wpa	numeric	Win Probability Added on the play (cfbfastR WP model output).
wp_before	numeric	Win probability for the possession team before the play (0-1).
wp_after	numeric	Win probability for the possession team after the play (0-1).
def_wp_before	numeric	Win probability for the defensive team before the play (0-1).
def_wp_after	numeric	Win probability for the defensive team after the play (0-1).
penalty_detail	character	Parsed penalty description extracted from play text.
yds_penalty	numeric	Yardage assessed on the penalty.
penalty_1st_conv	logical	TRUE when the penalty resulted in a first down conversion.
new_series	numeric	Binary flag for the start of a new series of downs.
firstD_by_kickoff	numeric	Binary flag for a new first down arising from a kickoff.
firstD_by_poss	numeric	Binary flag for a new first down via change of possession.
firstD_by_penalty	numeric	Binary flag for a new first down via penalty.
firstD_by_yards	numeric	Binary flag for a new first down via yards gained.
def_EPA	numeric	EPA for the defensive team on the play (sign-flipped offense EPA).
home_EPA	numeric	EPA for the home team on the play.
away_EPA	numeric	EPA for the away team on the play.
home_EPA_rush	numeric	Rushing EPA for the home team on the play.
away_EPA_rush	numeric	Rushing EPA for the away team on the play.
home_EPA_pass	numeric	Passing EPA for the home team on the play.
away_EPA_pass	numeric	Passing EPA for the away team on the play.
total_home_EPA	numeric	Cumulative total EPA for the home team through the play.
total_away_EPA	numeric	Cumulative total EPA for the away team through the play.
total_home_EPA_rush	numeric	Cumulative rushing EPA for the home team through the play.
total_away_EPA_rush	numeric	Cumulative rushing EPA for the away team through the play.
total_home_EPA_pass	numeric	Cumulative passing EPA for the home team through the play.
total_away_EPA_pass	numeric	Cumulative passing EPA for the away team through the play.
net_home_EPA	numeric	Net EPA differential (home minus away) through the play.
net_away_EPA	numeric	Net EPA differential (away minus home) through the play.
net_home_EPA_rush	numeric	Net rushing EPA differential for the home team through the play.
net_away_EPA_rush	numeric	Net rushing EPA differential for the away team through the play.
net_home_EPA_pass	numeric	Net passing EPA differential for the home team through the play.
net_away_EPA_pass	numeric	Net passing EPA differential for the away team through the play.

success	numeric	Binary success-rate flag using the 50/70/100 percent down-state thresholds
epa_success	numeric	Binary flag for plays with positive EPA (EPA > 0).
rz_play	numeric	Binary flag for a red-zone play (yards_to_goal <= 20).
scoring_opp	numeric	Binary flag for a scoring opportunity (yards_to_goal <= 40).
middle_8	logical	TRUE for plays in the middle-8 window (final 4 min of 1H, first 4 min of 2H)
stuffed_run	numeric	Binary flag for a stuffed run (zero or negative yards gained).
change_of_pos_team	numeric	Binary flag for change of possession-team on the play.
downs_turnover	numeric	Binary flag for a turnover on downs.
turnover	numeric	Binary flag for any turnover on the play.
pos_score_diff_start	numeric	Score differential for the possession team at the start of the play.
pos_score_pts	numeric	Points scored on the play attributed to the possession team.
log_ydstogo	numeric	Natural log of distance-to-go (model feature).
ExpScoreDiff	numeric	Expected score differential at the start of the play (EPA-adjusted).
ExpScoreDiff_Time_Ratio	numeric	Expected score differential scaled by share of time remaining.
half_clock_minutes	numeric	Minutes remaining in the half (15 + clock_minutes when in Q1/Q3).
TimeSecsRem	numeric	Seconds remaining in the half at the start of the play.
adj_TimeSecsRem	numeric	Adjusted seconds remaining used by the EPA/WP models.
Goal_To_Go	logical	TRUE when the offense is in a goal-to-go situation.
Under_two	logical	TRUE when under two minutes remain in the half.
home	character	Home team name.
away	character	Away team name.
home_wp_before	numeric	Home team win probability before the play (0-1).
away_wp_before	numeric	Away team win probability before the play (0-1).
home_wp_after	numeric	Home team win probability after the play (0-1).
away_wp_after	numeric	Away team win probability after the play (0-1).
end_of_half	numeric	Binary flag for the last play of a half.
pos_team_receives_2H_kickoff	numeric	Binary flag indicating possession team receives the second-half kickoff.
lead_pos_team	character	Possession team on the next play (lead value).
lead_play_type	character	Play type on the next play (lead value).
lag_pos_team	character	Possession team on the previous play (lag value).
lag_play_type	character	Play type on the previous play (lag value).
orig_play_type	character	Original CFBD play type label before cfbfastR cleaning.
Under_three	logical	TRUE when under three minutes remain in the half.
down_end	factor	Down number at the end of the play (post-play state).
distance_end	numeric	Distance-to-go at the end of the play (post-play state).
log_ydstogo_end	numeric	Natural log of post-play distance-to-go (model feature).
yards_to_goal_end	numeric	Yards to opponent end zone at the end of the play.
TimeSecsRem_end	numeric	Seconds remaining in the half at the end of the play.
Goal_To_Go_end	logical	TRUE when the post-play state is goal-to-go.
Under_two_end	logical	TRUE when the post-play state is under two minutes.
offense_score_play	numeric	Binary flag for an offensive scoring play.
defense_score_play	numeric	Binary flag for a defensive scoring play.
ppa	numeric	Predicted Points Added from the CFBD ppa endpoint (CFB-EPA analogue)
yard_line	integer	Yard line where the play started (raw CFBD yardline field).
scoring	logical	TRUE when the play resulted in a score (CFBD scoring flag).
pos_team_timeouts_rem_before	numeric	Possession team timeouts remaining before the play.
def_pos_team_timeouts_rem_before	numeric	Defensive team timeouts remaining before the play.
pos_team_timeouts	integer	Possession team timeouts remaining after the play.

def_pos_team_timeouts	integer	Defensive team timeouts remaining after the play.
pos_score_diff	integer	Score differential from the possession team's perspective.
pos_score_diff_start_end	numeric	Score differential aggregated from start to end of the play.
offense_play	character	Offensive team name as labeled by CFBD on the play.
defense_play	character	Defensive team name as labeled by CFBD on the play.
offense_receives_2H_kickoff	numeric	Binary flag indicating offense receives the second-half kickoff.
change_of_poss	numeric	Binary flag for change of possession on the play (CFBD offense field).
score_pts	numeric	Points scored on the play.
score_diff_start	numeric	Score differential at the start of the play.
score_diff	integer	Score differential (offense_score - defense_score) at the start.
offense_score	integer	Offense team score at the start of the play.
defense_score	integer	Defense team score at the start of the play.
offense_conference	character	Conference name of the offensive team.
defense_conference	character	Conference name of the defensive team.
off_timeout_called	numeric	Binary flag for an offensive timeout called during the play.
def_timeout_called	numeric	Binary flag for a defensive timeout called during the play.
offense_timeouts	integer	Offense timeouts remaining after the play (CFBD field).
defense_timeouts	integer	Defense timeouts remaining after the play (CFBD field).
off_timeouts_rem_before	numeric	Offense timeouts remaining before the play.
def_timeouts_rem_before	numeric	Defense timeouts remaining before the play.
rusher_player_name	character	Name of the rusher on a rushing play.
yds_rushed	numeric	Rushing yards gained on the play.
passer_player_name	character	Name of the passer on a passing play.
receiver_player_name	character	Name of the receiver on a passing play.
yds_receiving	numeric	Receiving yards gained on the play.
yds_sacked	numeric	Yards lost on the sack.
sack_players	character	Combined names of all sack participants.
sack_player_name	character	Primary sack player name.
sack_player_name2	character	Secondary sack player name (when split between two defenders).
pass_breakup_player_name	character	Name of the defender credited with the pass breakup.
interception_player_name	character	Name of the defender credited with the interception.
yds_int_return	numeric	Yards gained on an interception return.
fumble_player_name	character	Name of the player who fumbled.
fumble_forced_player_name	character	Name of the player who forced the fumble.
fumble_recovered_player_name	character	Name of the player who recovered the fumble.
yds_fumble_return	numeric	Yards gained on a fumble return.
punter_player_name	character	Name of the punter.
yds_punted	numeric	Yards the ball traveled on the punt.
punt_returner_player_name	character	Name of the punt returner.
yds_punt_return	numeric	Yards gained on the punt return.
yds_punt_gained	numeric	Net yards gained on the punt (punt distance minus return).
punt_block_player_name	character	Name of the player credited with blocking the punt.
punt_block_return_player_name	character	Name of the player returning a blocked punt.
fg_kicker_player_name	character	Name of the field goal kicker.
yds_fg	numeric	Distance of the field goal attempt in yards.
fg_block_player_name	character	Name of the player credited with blocking the field goal.
fg_return_player_name	character	Name of the player returning the blocked/missed field goal.
kickoff_player_name	character	Name of the kickoff specialist.

yds_kickoff	numeric	Yards the ball traveled on the kickoff.
kickoff_returner_player_name	character	Name of the kickoff returner.
yds_kickoff_return	numeric	Yards gained on the kickoff return.
new_id	numeric	Numeric play index within the game (id_play with game_id stripped).
orig_drive_number	integer	Original CFBD drive number for the play.
drive_number	integer	cfbfastR-cleaned drive number for the play.
drive_result_detailed	character	Detailed drive result label (e.g. "Punt", "Passing Touchdown", "Downs Turnover").
new_drive_pts	numeric	Points scored on the drive (signed for offense/defense).
drive_id	numeric	CFBD drive identifier.
drive_result	character	CFBD drive result label.
drive_start_yards_to_goal	numeric	Yards to goal at the start of the drive.
drive_end_yards_to_goal	integer	Yards to goal at the end of the drive.
drive_yards	integer	Net yards gained on the drive.
drive_scoring	numeric	Binary flag for a scoring drive.
drive_pts	numeric	Points scored on the drive (CFBD/cfbfastR reconciled value).
drive_start_period	integer	Period (quarter) at the start of the drive.
drive_end_period	integer	Period (quarter) at the end of the drive.
drive_time_minutes_start	integer	Minutes on the clock at the start of the drive.
drive_time_seconds_start	integer	Seconds on the clock at the start of the drive.
drive_time_minutes_end	integer	Minutes on the clock at the end of the drive.
drive_time_seconds_end	integer	Seconds on the clock at the end of the drive.
drive_time_minutes_elapsed	logical	Minutes elapsed during the drive.
drive_time_seconds_elapsed	logical	Seconds elapsed during the drive.
drive_numbers	numeric	Binary flag marking the first play of a new drive.
number_of_drives	numeric	Cumulative count of drives in the game.
pts_scored	numeric	Points scored on the play, signed by play_type rule.
drive_result_detailed_flag	character	Pre-fill copy of drive_result_detailed used during drive reconciliation.
drive_result2	character	Short-form drive result label (e.g. "TD", "PUNT", "DOWNS").
drive_num	numeric	Game-scoped drive sequence number.
lag_drive_result_detailed	character	Drive result detailed on the previous play (lag value).
lead_drive_result_detailed	character	Drive result detailed on the next play (lead value).
lag_new_drive_pts	numeric	Drive points on the previous play (lag value).
id_drive	character	Composite drive identifier (game_id concatenated with drive_num).
rush	numeric	Binary flag for a rushing play.
rush_td	numeric	Binary flag for a rushing touchdown.
pass	numeric	Binary flag for a passing play (includes sacks).
pass_td	numeric	Binary flag for a passing touchdown.
completion	numeric	Binary flag for a completed pass.
pass_attempt	numeric	Binary flag for a pass attempt.
target	numeric	Binary flag for a targeted receiver on the play.
sack_vec	numeric	Binary flag for a sack play.
sack	numeric	Binary flag for a sack (duplicate of sack_vec for downstream use).
int	numeric	Binary flag for an interception.
int_td	numeric	Binary flag for an interception returned for a touchdown.
turnover_vec	numeric	Binary flag for any play classified as a turnover.
turnover_vec_lag	numeric	Lag of turnover_vec (previous-play turnover flag).
turnover_indicator	numeric	Composite turnover indicator including failed 4th downs.
kickoff_play	numeric	Binary flag for a kickoff play.

receives_2H_kickoff	numeric	Binary flag for the team receiving the second-half kickoff.
missing_yard_flag	logical	TRUE when post-play yardage had to be imputed.
scoring_play	numeric	Binary flag for any scoring play.
td_play	numeric	Binary flag for a touchdown play.
touchdown	numeric	Binary flag for a touchdown (duplicate of td_play for downstream use).
safety	numeric	Binary flag for a safety.
fumble_vec	numeric	Binary flag for a play involving a fumble.
kickoff_tb	numeric	Binary flag for a kickoff touchback.
kickoff_onside	numeric	Binary flag for an onside kickoff attempt.
kickoff_oob	numeric	Binary flag for a kickoff out of bounds.
kickoff_fair_catch	numeric	Binary flag for a kickoff fair catch.
kickoff_downed	numeric	Binary flag for a kickoff downed in the field of play.
kickoff_safety	numeric	Binary flag for a kickoff safety.
kick_play	numeric	Binary flag for any kicking play (kickoff or field goal).
punt	numeric	Binary flag for a punt play.
punt_play	numeric	Binary flag for any punt-related play (includes blocks/returns).
punt_tb	numeric	Binary flag for a punt touchback.
punt_oob	numeric	Binary flag for a punt out of bounds.
punt_fair_catch	numeric	Binary flag for a punt fair catch.
punt_downed	numeric	Binary flag for a punt downed in the field of play.
punt_safety	numeric	Binary flag for a punt safety.
punt_blocked	numeric	Binary flag for a blocked punt.
penalty_safety	numeric	Binary flag for a safety scored on a penalty.
fg_inds	numeric	Binary flag for a field goal attempt.
fg_made	logical	TRUE when the field goal attempt was successful.
fg_make_prob	numeric	Predicted probability of making the field goal (cfbfastR FG model, 0-1).
No_Score_before	numeric	Pre-play predicted probability of no score before end of half (cfbfastR EP
FG_before	numeric	Pre-play predicted probability of a posteam field goal next (0-1).
Opp_FG_before	numeric	Pre-play predicted probability of a defteam field goal next (0-1).
Opp_Safety_before	numeric	Pre-play predicted probability of a defteam safety next (0-1).
Opp_TD_before	numeric	Pre-play predicted probability of a defteam touchdown next (0-1).
Safety_before	numeric	Pre-play predicted probability of a posteam safety next (0-1).
TD_before	numeric	Pre-play predicted probability of a posteam touchdown next (0-1).
No_Score_after	numeric	Post-play predicted probability of no score before end of half (0-1).
FG_after	numeric	Post-play predicted probability of a posteam field goal next (0-1).
Opp_FG_after	numeric	Post-play predicted probability of a defteam field goal next (0-1).
Opp_Safety_after	numeric	Post-play predicted probability of a defteam safety next (0-1).
Opp_TD_after	numeric	Post-play predicted probability of a defteam touchdown next (0-1).
Safety_after	numeric	Post-play predicted probability of a posteam safety next (0-1).
TD_after	numeric	Post-play predicted probability of a posteam touchdown next (0-1).
penalty_flag	logical	TRUE when a penalty was flagged on the play.
penalty_declined	logical	TRUE when the penalty was declined.
penalty_no_play	logical	TRUE when the penalty nullified the play (no play counted).
penalty_offset	logical	TRUE when offsetting penalties were called.
penalty_text	logical	TRUE when penalty information is detectable in the play text.
penalty_play_text	character	Penalty-related substring extracted from the play text.
lead_wp_before2	numeric	Win probability two plays ahead (lead 2 of wp_before).
wpa_half_end	numeric	WPA contribution from the end-of-half adjustment.

wpa_base	numeric	Base WPA component used to assemble the final wpa value.
wpa_base_nxt	numeric	WPA base component looking ahead one play.
wpa_change	numeric	WPA change-of-possession component for the current play.
wpa_change_nxt	numeric	WPA change-of-possession component for the next play.
wpa_base_ind	numeric	Indicator selecting the wpa_base path for the current play.
wpa_base_nxt_ind	numeric	Indicator selecting the wpa_base_nxt path for the next play.
wpa_change_ind	numeric	Indicator selecting the wpa_change path for the current play.
wpa_change_nxt_ind	numeric	Indicator selecting the wpa_change_nxt path for the next play.
lead_wp_before	numeric	Win probability on the next play (lead of wp_before).
lead_pos_team2	character	Possession team two plays ahead (lead 2 of pos_team).
row	integer	Row index within the game grouping (sequencing helper).
drive_event_number	numeric	Sequential event number within the current drive.
lag_play_type2	character	Play type two plays prior (lag 2 of play_type).
lag_play_type3	character	Play type three plays prior (lag 3 of play_type).
lag_play_text	character	Play text from the previous play (lag value).
lag_play_text2	character	Play text from two plays prior (lag 2 value).
lead_play_text	character	Play text from the next play (lead value).
lag_first_by_penalty	numeric	First-down-by-penalty flag from the previous play (lag value).
lag_first_by_penalty2	numeric	First-down-by-penalty flag from two plays prior (lag 2 value).
lag_first_by_yards	numeric	First-down-by-yards flag from the previous play (lag value).
lag_first_by_yards2	numeric	First-down-by-yards flag from two plays prior (lag 2 value).
first_by_penalty	numeric	Binary flag for a first down earned by penalty on the play.
first_by_yards	numeric	Binary flag for a first down earned by yards on the play.
play_after_turnover	numeric	Binary flag indicating the play immediately following a turnover.
lag_change_of_poss	numeric	change_of_poss from the previous play (lag value).
lag_change_of_pos_team	numeric	change_of_pos_team from the previous play (lag value).
lag_change_of_pos_team2	numeric	change_of_pos_team from two plays prior (lag 2 value).
lag_kickoff_play	numeric	kickoff_play flag from the previous play (lag value).
lag_punt	numeric	punt flag from the previous play (lag value).
lag_punt2	numeric	punt flag from two plays prior (lag 2 value).
lag_scoring_play	numeric	scoring_play flag from the previous play (lag value).
lag_turnover_vec	numeric	turnover_vec flag from the previous play (lag value).
lag_downs_turnover	numeric	downs_turnover flag from the previous play (lag value).
lag_defense_score_play	numeric	defense_score_play flag from the previous play (lag value).
lag_score_diff	numeric	score_diff from the previous play (lag value).
lag_offense_play	character	offense_play from the previous play (lag value).
lead_offense_play	character	offense_play from the next play (lead value).
lead_offense_play2	character	offense_play from two plays ahead (lead 2 value).
lag_pos_score_diff	numeric	pos_score_diff from the previous play (lag value).
lag_off_timeouts	numeric	offense_timeouts from the previous play (lag value).
lag_def_timeouts	numeric	defense_timeouts from the previous play (lag value).
lag_TimeSecsRem2	numeric	TimeSecsRem from two plays prior (lag 2 value).
lag_TimeSecsRem	numeric	TimeSecsRem from the previous play (lag value).
lead_TimeSecsRem	numeric	TimeSecsRem from the next play (lead value).
lead_TimeSecsRem2	numeric	TimeSecsRem from two plays ahead (lead 2 value).
lag_yards_to_goal2	integer	yards_to_goal from two plays prior (lag 2 value).
lag_yards_to_goal	integer	yards_to_goal from the previous play (lag value).
lead_yards_to_goal	numeric	yards_to_goal from the next play (lead value).

lead_yards_to_goal2	integer	yards_to_goal from two plays ahead (lead 2 value).
lag_down2	integer	Down number two plays prior (lag 2 value).
lag_down	integer	Down number from the previous play (lag value).
lead_down	numeric	Down number on the next play (lead value).
lead_down2	numeric	Down number two plays ahead (lead 2 value).
lead_distance	numeric	Distance to go on the next play (lead value).
lead_distance2	integer	Distance to go two plays ahead (lead 2 value).
lead_play_type2	character	Play type two plays ahead (lead 2 value).
lead_play_type3	character	Play type three plays ahead (lead 3 value).
lag_ep_before3	numeric	ep_before from three plays prior (lag 3 value).
lag_ep_before2	numeric	ep_before from two plays prior (lag 2 value).
lag_ep_before	numeric	ep_before from the previous play (lag value).
lead_ep_before	numeric	ep_before on the next play (lead value).
lead_ep_before2	numeric	ep_before two plays ahead (lead 2 value).
lag_ep_after	numeric	ep_after from the previous play (lag value).
lag_ep_after2	numeric	ep_after from two plays prior (lag 2 value).
lag_ep_after3	numeric	ep_after from three plays prior (lag 3 value).
lead_ep_after	numeric	ep_after on the next play (lead value).
lead_ep_after2	numeric	ep_after two plays ahead (lead 2 value).
play_number	integer	CFBD-supplied play number within the game.
wallclock	character	ISO 8601 wall-clock timestamp from CFBD for the play.
provider	character	Sportsbook provider used for spread/over_under joined onto the play.
spread	numeric	Pre-game point spread from the selected provider.
formatted_spread	character	Human-readable formatted spread string from the betting provider.
over_under	numeric	Pre-game over/under total from the selected provider.
drive_is_home_offense	logical	TRUE when the home team is on offense for the drive.
drive_start_offense_score	integer	Offense score at the start of the drive.
drive_start_defense_score	integer	Defense score at the start of the drive.
drive_end_offense_score	integer	Offense score at the end of the drive.
drive_end_defense_score	integer	Defense score at the end of the drive.
play	numeric	Binary flag indicating the row is a counted play (excludes end markers/tim
event	numeric	Binary flag indicating the row is a counted game event (excludes end mark
game_event_number	numeric	Sequential event number within the game.
game_row_number	integer	Row index within the game grouping.
half_play	numeric	Binary flag indicating a counted play within the half.
half_event	numeric	Binary flag indicating a counted event within the half.
half_event_number	numeric	Sequential event number within the half.
half_row_number	integer	Row index within the half grouping.
lag_distance3	integer	distance three plays prior (lag 3 value).
lag_distance2	integer	distance two plays prior (lag 2 value).
lag_distance	integer	distance from the previous play (lag value).
lag_yards_gained3	integer	yards_gained three plays prior (lag 3 value).
lag_yards_gained2	integer	yards_gained two plays prior (lag 2 value).
lag_yards_gained	integer	yards_gained from the previous play (lag value).
lead_yards_gained	integer	yards_gained on the next play (lead value).
lead_yards_gained2	integer	yards_gained two plays ahead (lead 2 value).
lag_play_text3	character	Play text from three plays prior (lag 3 value).
lead_play_text2	character	Play text from two plays ahead (lead 2 value).

lead_play_text3	character	Play text from three plays ahead (lead 3 value).
pos_unit	character	Possession-team unit label (offense or special teams).
def_pos_unit	character	Defensive possession-team unit label (defense or special teams).
lag_change_of_poss2	numeric	change_of_poss from two plays prior (lag 2 value).
lag_change_of_poss3	numeric	change_of_poss from three plays prior (lag 3 value).
lag_change_of_pos_team3	numeric	change_of_pos_team from three plays prior (lag 3 value).
lag_kickoff_play2	numeric	kickoff_play flag from two plays prior (lag 2 value).
lag_kickoff_play3	numeric	kickoff_play flag from three plays prior (lag 3 value).
lag_punt3	numeric	punt flag from three plays prior (lag 3 value).
lag_scoring_play2	numeric	scoring_play flag from two plays prior (lag 2 value).
lag_scoring_play3	numeric	scoring_play flag from three plays prior (lag 3 value).
lag_turnover_vec2	numeric	turnover_vec flag from two plays prior (lag 2 value).
lag_turnover_vec3	numeric	turnover_vec flag from three plays prior (lag 3 value).
lag_downs_turnover2	numeric	downs_turnover flag from two plays prior (lag 2 value).
lag_downs_turnover3	numeric	downs_turnover flag from three plays prior (lag 3 value).
drive_play	numeric	Binary flag indicating a counted play within the drive.
drive_event	numeric	Binary flag indicating a counted event within the drive.
lag_first_by_penalty3	numeric	first_by_penalty flag from three plays prior (lag 3 value).
lag_first_by_yards3	numeric	first_by_yards flag from three plays prior (lag 3 value).

See Also

Other CFBD PBP: [cfbd_live_plays\(\)](#), [cfbd_pbp_data_v2\(\)](#), [cfbd_play_stats_player\(\)](#), [cfbd_play_stats_types\(\)](#), [cfbd_play_types\(\)](#), [cfbd_plays\(\)](#)

cfbd_pbp_data_v2	Get college football play-by-play data — modular EPA/WPA pipeline (v2)
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Description

Returns CFBD play-by-play data with optional Expected Points Added (EPA) and Win Probability Added (WPA) modeling. The modular successor to [cfbd_pbp_data\(\)](#): a thin orchestrator over the shared EPA/WPA engine (`.run_epa_wpa()`), the canonical play-type taxonomy (`.pbp_play_types()`), and the canonical output schema (`.pbp_output_order`). Side-by-side with the legacy entry point until the equivalence harness proves the new path matches.

Usage

```
cfbd_pbp_data_v2(
  year,
  season_type = "regular",
  week = 1,
  team = NULL,
  play_type = NULL,
  epa_wpa = FALSE,
```

```
    output = "default"
  )
```

Arguments

year	(<i>Numeric</i> required): Season year (e.g. 2024). Minimum value accepted: 2001
season_type	(<i>Character</i>): Season type — "regular" (default), "postseason", "both", "allstar", "spring_regular", "spring_postseason".
week	(<i>Numeric</i>): Week number.
team	(<i>Character</i>): Optional team filter (e.g. "Texas").
play_type	(<i>Character</i>): Optional play-type filter (see cfbd_play_type_df).
epa_wpa	(<i>Logical</i>): When TRUE, run the EPA/WPA pipeline and return the modeled frame; when FALSE (default) return the raw plays + drives + betting join.
output	(<i>Character</i>): controls the modeled-output column set when epa_wpa = TRUE. Ignored when epa_wpa = FALSE. Defaults to "default". Must be one of: "default" (recommended) – drops pipeline lag/lead intermediates, redundant alternates (sack_vec, turnover_indicator, kick_play, missing_yard_flag), and drive-result aliases (drive_result2, drive_result_detailed_flag, lag_drive_result_detailed, lead_drive_result_detailed, lag_new_drive_pts). Keeps orig_play_type and pts_scored (they carry useful per-play information distinct from the canonical columns) and the per-branch WPA scratchpad (wpa_base/wpa_change etc.). ~75 columns lighter than "full" with no loss of information that isn't trivially rebuildable. "lean" – everything "default" drops, plus the WPA computation scratchpad. For dashboards / leaderboards / game logs. "full" – legacy behavior, drops only the player-name aliases. For sequential modeling that consumes pre-computed lag/lead shifts or the per-branch WPA decomposition.

Value

A `cfbfastR_data` tibble. The `epa_wpa = TRUE` output matches the legacy `cfbd_pbp_data()` pipeline-canonical column set on every column it carries; the `output` argument controls which intermediate columns are retained. Documented bug-fix sites are listed in the package vignette.

See Also

Other CFBD PBP: [cfbd_live_plays\(\)](#), [cfbd_pbp_data\(\)](#), [cfbd_play_stats_player\(\)](#), [cfbd_play_stats_types\(\)](#), [cfbd_play_types\(\)](#), [cfbd_plays\(\)](#)

Examples

```
x <- try(cfbd_pbp_data_v2(
  year = 2024, week = 1, season_type = "regular",
  epa_wpa = TRUE, output = "default"
))
```

cfbd_pbp_v2

CFBD Play-by-Play (v2 Modular EPA/WPA Pipeline) Overview

Description

- cfbd_pbp_data_v2(): Get college football play-by-play data — modular EPA/WPA pipeline (v2). Thin orchestrator over the shared EPA/WPA engine .run_epa_wpa(), the canonical play-type taxonomy .pbp_play_types(), and the canonical output schema .pbp_output_order. Runs side-by-side with the legacy cfbd_pbp_data() entry point until the equivalence harness proves the new path matches.

Details

The v2 entry point is a thin wrapper around .run_epa_wpa() – the shared engine that powers both the modular (v2) and legacy paths. The output = "default" / "lean" / "full" tier argument selects which intermediate columns survive the final select: "default" drops pipeline lag/lead intermediates and redundant alternates, "lean" additionally drops the per-branch WPA scratchpad, and "full" is the legacy column set (drops only player-name aliases). The equivalence-harness allow-list is intentionally permissive about lag/lead intermediates and per-branch WPA scratchpad columns because those are mechanically rebuildable from the surviving canonical columns; the harness only enforces equality on user-facing values.

Get college football play-by-play data — modular EPA/WPA pipeline (v2):

```
cfbd_pbp_data_v2(  
  year = 2024, week = 1, season_type = "regular",  
  epa_wpa = TRUE, output = "default"  
)
```

cfbd_play

CFBD Plays Endpoint Overview

Description

College football plays data

- cfbd_plays(): CFBD’s college football play-by-play.
- cfbd_play_stats_player(): Gets player info associated by play.
- cfbd_play_stats_types(): Gets CFBD play stat types.
- cfbd_play_types(): Gets CFBD play types.

Details**Pull first 3 weeks of 2020 season using cfbd_plays():**

```

year_vector <- 2020
week_vector <- 1:3
weekly_year_df <- expand.grid(year = year_vector, week = week_vector)
tictoc::tic()
year_split <- split(weekly_year_df, weekly_year_df$year)
for (i in 1:length(year_split)) {
  i <- 1

  progressr::with_progress({
    year_split[[i]] <- year_split[[i]] |>
      dplyr::mutate(
        pbp = purrr::map2(
          .x = year,
          .y = week,
          cfbd_plays,
          season_type = "both"
        )
      )
    Sys.sleep(1)
  })
}

tictoc::toc()
year_split <- lapply(year_split, function(x) {
  x |> tidyr::unnest(pbp, names_repair = "minimal")
})

all_years <- dplyr::bind_rows(year_split)
glimpse(all_years)

```

Gets player info associated by play:

```
cfbd_play_stats_player(game_id = 401110722)
```

Gets CFBD play stat types:

```
cfbd_play_stats_types()
```

Gets CFBD play types:

```
cfbd_play_types()
```

cfbd_players	CFBD Players Endpoint Overview
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Description

- cfbd_player_info(): Player information search.
- cfbd_player_returning(): Player returning production.
- cfbd_player_usage(): Player usage.
- cfbd_player_season_overview(): Get a season overview for a single player.

Details

Player information lookup:

```
cfbd_player_info(search_term = "James", position = "DB", team = "Florida State", year = 2017)

cfbd_player_info(search_term = "Lawrence", team = "Clemson")
```

Get player returning production:

```
cfbd_player_returning(year = 2019, team = "Florida State")
```

Get player usage metrics:

```
cfbd_player_usage(year = 2019, position = "WR", team = "Florida State")
```

Get a player season overview:

```
cfbd_player_season_overview(year = 2024, athlete_id = 4429105)
```

cfbd_player_info	Player information lookup
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Description

Player information lookup

Usage

```
cfbd_player_info(search_term, position = NULL, team = NULL, year = NULL)
```

Arguments

search_term	(<i>String</i> required): Search term for the player you are trying to look up
position	(<i>string</i> optional): Position of the player you are searching for. Position Group - options include: • Offense: QB, RB, FB, TE, OL, G, OT, C, WR • Defense: DB, CB, S, LB, DE, DT, NT, DL • Special Teams: K, P, LS, PK
team	(<i>String</i> optional): Team - Select a valid team, D1 football
year	(<i>Integer</i> optional): Year, 4 digit format (YYYY). If left NULL, API default will only provide results for most recent year of final rosters: 2020 Minimum value accepted: 2004

Value

`cfbd_player_info()` - A data frame with 12 variables:

col_name	types	description
athlete_id	character	Unique CFBD player identifier.
team	character	Team of the player.
name	character	Player full name.
first_name	character	Player first name.
last_name	character	Player last name.
weight	integer	Player weight in pounds.
height	integer	Player height in inches.
jersey	integer	Player jersey number.
position	character	Player position abbreviation (e.g. QB, RB, WR).
home_town	character	Player home town.
team_color	character	Player team primary color (hex code).
team_color_secondary	character	Player team secondary color (hex code).

See Also

Other CFBD Players: `cfbd_player_returning()`, `cfbd_player_usage()`

Examples

```
try(cfbd_player_info(search_term = "James", position = "DB", team = "Florida State", year = 2017))

try(cfbd_player_info(search_term = "Lawrence", team = "Clemson"))
```

cfbd_player_returning **Get player returning production**

Description**Get player returning production****Usage**

```
cfbd_player_returning(
  year = most_recent_cfb_season(),
  team = NULL,
  conference = NULL
)
```

Arguments

year (*Integer* required, default most recent season): Year, 4 digit format (YYYY). Minimum value accepted: 2014

team (*String* optional): Team - Select a valid team, D1 football

conference (*String* optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC

Value

`cfbd_player_returning()` - A data frame with 15 variables:

col_name	types	description
season	integer	Four-digit season year for returning production.
team	character	Team name.
conference	character	Conference of team.
total_ppa	numeric	Total predicted points added (PPA) returning.
total_passing_ppa	numeric	Total passing predicted points added returning.
total_receiving_ppa	numeric	Total receiving predicted points added returning.
total_rushing_ppa	numeric	Total rushing predicted points added returning.
percent_ppa	numeric	Percentage of prior year's predicted points added returning.
percent_passing_ppa	numeric	Percentage of prior year's passing predicted points added returning.
percent_receiving_ppa	numeric	Percentage of prior year's receiving predicted points added returning.
percent_rushing_ppa	numeric	Percentage of prior year's rushing predicted points added returning.
usage	numeric	Share of prior year's overall offensive usage returning.
passing_usage	numeric	Share of prior year's passing usage returning.
receiving_usage	numeric	Share of prior year's receiving usage returning.
rushing_usage	numeric	Share of prior year's rushing usage returning.

See Also

Other CFBD Players: [cfbd_player_info\(\)](#), [cfbd_player_usage\(\)](#)

Examples

```
try(cfbd_player_returning(year = 2019, team = "Florida State"))
```

cfbd_player_season_overview

Get a player season overview

Description

Get a player season overview Season overview for a single player.

Usage

```
cfbd_player_season_overview(year, athlete_id, proxy = NULL)
```

Arguments

year	(<i>Integer</i> required): Season, 4 digits (YYYY). Minimum value accepted: 2004
athlete_id	(<i>Integer</i> required): Player identifier.
proxy	(<i>List</i> optional): Per-call proxy override passed to <code>get_req()</code> . NULL (default) falls back to <code>getOption("cfbfastR.proxy")</code> and then the <code>http(s)_proxy</code> environment variables, so a caller can override the shared setting for one endpoint.

Value

[cfbd_player_season_overview\(\)](#) - A tibble with 31 columns:

col_name	types	description
season	integer	Four-digit season year.
id	character	Record identifier.
name	character	Display name.
position	character	Listed position.
team	character	Team name.
conference	character	Conference name.
games	integer	Games played in the season.
usage_overall	numeric	Share of team plays the player was involved in.
usage_pass	numeric	Share of team pass plays involving the player.
usage_rush	numeric	Share of team rush plays involving the player.
usage_first_down	numeric	Usage share on first down.

usage_second_down	numeric	Usage share on second down.
usage_third_down	numeric	Usage share on third down.
usage_standard_downs	numeric	Usage share on standard downs.
usage_passing_downs	numeric	Usage share on passing downs.
ppa_average_all	numeric	Ppa average all.
ppa_average_pass	numeric	Ppa average pass.
ppa_average_rush	numeric	Ppa average rush.
ppa_average_first_down	numeric	Ppa average first down.
ppa_average_second_down	numeric	Ppa average second down.
ppa_average_third_down	numeric	Ppa average third down.
ppa_average_standard_downs	numeric	Ppa average standard downs.
ppa_average_passing_downs	numeric	Ppa average passing downs.
ppa_total_all	numeric	Ppa total all.
ppa_total_pass	numeric	Ppa total pass.
ppa_total_rush	numeric	Ppa total rush.
ppa_total_first_down	numeric	Ppa total first down.
ppa_total_second_down	numeric	Ppa total second down.
ppa_total_third_down	numeric	Ppa total third down.
ppa_total_standard_downs	numeric	Ppa total standard downs.
ppa_total_passing_downs	numeric	Ppa total passing downs.

Examples

```
try(cfbd_player_season_overview(year = 2024, athlete_id = 4429105))
```

cfbd_player_usage	Get player usage metrics
-------------------	--------------------------

Description

Get player usage metrics

Usage

```
cfbd_player_usage(  
  year = most_recent_cfb_season(),  
  team = NULL,  
  conference = NULL,  
  position = NULL,  
  athlete_id = NULL,  
  excl_garbage_time = FALSE  
)
```

Arguments

year	(<i>Integer</i> required, default most recent season): Year, 4 digit format (YYYY). Minimum value accepted: 2013
team	(<i>String</i> optional): Team - Select a valid team, D1 football
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
position	(<i>string</i> optional): Position of the player you are searching for. Position Group - options include: • Offense: QB, RB, FB, TE, OL, G, OT, C, WR • Defense: DB, CB, S, LB, DE, DT, NT, DL • Special Teams: K, P, LS, PK
athlete_id	(<i>Integer</i> optional): Athlete ID filter for querying a single athlete Can be found using the cfbd_player_info() function.
excl_garbage_time	(<i>Logical</i> default FALSE): Select whether to exclude Garbage Time (TRUE/FALSE)

Value

[cfbd_player_usage\(\)](#) - A data frame with 14 variables:

col_name	types	description
season	integer	Four-digit season year for player usage.
athlete_id	character	Unique CFBD athlete identifier.
name	character	Athlete full name.
position	character	Athlete position abbreviation (e.g. QB, RB, WR).
team	character	Team name.
conference	character	Conference of team.
usg_overall	numeric	Player share of overall offensive usage.
usg_pass	numeric	Player share of team passing usage.
usg_rush	numeric	Player share of team rushing usage.
usg_1st_down	numeric	Player share of team usage on first downs.
usg_2nd_down	numeric	Player share of team usage on second downs.
usg_3rd_down	numeric	Player share of team usage on third downs.
usg_standard_downs	numeric	Player share of team usage on standard downs.
usg_passing_downs	numeric	Player share of team usage on passing downs.

See Also

Other CFBD Players: [cfbd_player_info\(\)](#), [cfbd_player_returning\(\)](#)

Examples

```
try(cfbd_player_usage(year = 2019, position = "WR", team = "Florida State"))
```

cfbd_playoffs	CFBD Playoffs Endpoint Overview
---------------	---------------------------------

Description

- cfbd_playoffs_cfp(): College Football Playoff bracket.
- cfbd_playoffs_cfp_games(): College Football Playoff games.
- cfbd_playoffs_cfp_participants(): College Football Playoff participants.

cfbd_playoffs_cfp	Get College Football Playoff bracket information
-------------------	--

Description

Get College Football Playoff bracket information Returns the College Football Playoff bracket for a season.

Usage

cfbd_playoffs_cfp(year, proxy = NULL)

Arguments

- | | |
|-------|--|
| year | (<i>Integer</i> required): Season, 4 digits (YYYY).
Minimum value accepted: 2014 |
| proxy | (<i>List</i> optional): Per-call proxy override passed to get_req(). NULL (default) falls back to getOption("cfbfastR.proxy") and then the http(s)_proxy environment variables, so a caller can override the shared setting for one endpoint. |

Value

cfbd_playoffs_cfp() - A tibble with 46 columns:

col_name	types	description
round_code	character	Playoff round code (first_round, quarterfinal, semifinal, championship).
round_name	character	Human-readable playoff round name.
round_order	integer	Ordinal position of the round in the bracket.
id	integer	Record identifier.
bracket_slot	character	Bracket position code for the matchup (e.g. FR1, QF2).
round	character	Playoff round code.
round_name_2	character	Round name 2.
round_order_2	integer	Round order 2.
matchup_order	integer	Ordinal position of the matchup within its round.
start_date	character	Scheduled start date and time (ISO 8601).

bowl_name	character	Bowl or site name hosting the matchup.
game_id	integer	Referencing game id.
game_start_date	character	Game scheduled start date and time (ISO 8601).
game_completed	logical	Game completion flag.
game_home_points	integer	Game home points.
game_away_points	integer	Game away points.
game_venue_id	integer	Game referencing venue id.
game_venue	character	Game venue name.
game_home_team_id	integer	Home team identifier.
game_home_team_school	character	Home team school name.
game_home_team_conference	character	Home team conference.
game_away_team_id	integer	Away team identifier.
game_away_team_school	character	Away team school name.
game_away_team_conference	character	Away team conference.
advances_to_matchup_id	integer	Next-matchup matchup id.
advances_to_bracket_slot	character	Next-matchup bracket position code for the matchup (e.g. FR1, QF2).
advances_to_position	integer	Next-matchup bracket position.
slot1_position	integer	First bracket slot bracket position.
slot1_seed	integer	First bracket slot seed.
slot1_team_id	integer	First bracket slot referencing team id.
slot1_school	character	First bracket slot school name.
slot1_conference	character	First bracket slot conference.
slot2_position	integer	Second bracket slot bracket position.
slot2_seed	integer	Second bracket slot seed.
slot2_team_id	integer	Second bracket slot referencing team id.
slot2_school	character	Second bracket slot school name.
slot2_conference	character	Second bracket slot conference.
season	integer	Four-digit season year.
competition	character	Competition identifier (e.g. cfp).
format	character	Bracket format descriptor.
team_count	integer	Number of teams in the field.
status	character	Status of the competition.
champion_id	integer	Referencing team id of the champion.
champion_school	character	School name of the champion.
champion_conference	character	Conference of the champion.
advances_to	logical	Advances to.

See Also

Other CFBD Playoff Functions: [cfbd_playoffs_cfp_games\(\)](#), [cfbd_playoffs_cfp_participants\(\)](#)

Examples

```
try(cfbd_playoffs_cfp(year = 2024))
```

cfbd_playoffs_cfp_games

Get College Football Playoff games**Description**

Get College Football Playoff games Returns the games played in the College Football Playoff for a season.

Usage

```
cfbd_playoffs_cfp_games(year, round = NULL, proxy = NULL)
```

Arguments

year (*Integer* required): Season, 4 digits (YYYY).
Minimum value accepted: 2014

round (*String* optional): first_round, quarterfinal, semifinal or championship.

proxy (*List* optional): Per-call proxy override passed to `get_req()`. NULL (default) falls back to `getOption("cfbfastR.proxy")` and then the `http(s)_proxy` environment variables, so a caller can override the shared setting for one endpoint.

Value

`cfbd_playoffs_cfp_games()` - A tibble with 34 columns:

col_name	types	description
id	integer	Record identifier.
bracket_slot	character	Bracket position code for the matchup (e.g. FR1, QF2).
round	character	Playoff round code.
round_name	character	Human-readable playoff round name.
round_order	integer	Ordinal position of the round in the bracket.
matchup_order	integer	Ordinal position of the matchup within its round.
start_date	character	Scheduled start date and time (ISO 8601).
bowl_name	character	Bowl or site name hosting the matchup.
game_id	integer	Referencing game id.
game_start_date	character	Game scheduled start date and time (ISO 8601).
game_completed	logical	Game completion flag.
game_home_points	integer	Game home points.
game_away_points	integer	Game away points.
game_venue_id	integer	Game referencing venue id.
game_venue	character	Game venue name.
game_home_team_id	integer	Home team identifier.
game_home_team_school	character	Home team school name.
game_home_team_conference	character	Home team conference.
game_away_team_id	integer	Away team identifier.

game_away_team_school	character	Away team school name.
game_away_team_conference	character	Away team conference.
advances_to_matchup_id	integer	Next-matchup matchup id.
advances_to_bracket_slot	character	Next-matchup bracket position code for the matchup (e.g. FR1, QF2).
advances_to_position	integer	Next-matchup bracket position.
slot1_position	integer	First bracket slot bracket position.
slot1_seed	integer	First bracket slot seed.
slot1_team_id	integer	First bracket slot referencing team id.
slot1_school	character	First bracket slot school name.
slot1_conference	character	First bracket slot conference.
slot2_position	integer	Second bracket slot bracket position.
slot2_seed	integer	Second bracket slot seed.
slot2_team_id	integer	Second bracket slot referencing team id.
slot2_school	character	Second bracket slot school name.
slot2_conference	character	Second bracket slot conference.

See Also

Other CFBD Playoff Functions: [cfbd_playoffs_cfp\(\)](#), [cfbd_playoffs_cfp_participants\(\)](#)

Examples

```
try(cfbd_playoffs_cfp_games(year = 2024))
```

cfbd_playoffs_cfp_participants

Get College Football Playoff participants

Description

Get College Football Playoff participants Returns the teams that participated in the College Football Playoff for a season.

Usage

```
cfbd_playoffs_cfp_participants(year, proxy = NULL)
```

Arguments

- year *(Integer required)*: Season, 4 digits (YYYY). Minimum value accepted: 2014
- proxy *(List optional)*: Per-call proxy override passed to `get_req()`. NULL (default) falls back to `getOption("cfbfastR.proxy")` and then the `http(s)_proxy` environment variables, so a caller can override the shared setting for one endpoint.

Value

`cfbd_playoffs_cfp_participants()` - A tibble with 12 columns:

col_name	types	description
committee_rank	integer	Selection-committee rank.
seed	integer	Seed in the bracket.
bid_type	character	How the team qualified (automatic or at_large).
qualification_reason	character	Stated reason the team qualified.
conference_champion	logical	TRUE if the team won its conference.
qualifying_conference	character	Conference through which the team qualified.
first_round_bye	logical	TRUE if the team received a first-round bye.
outcome	character	Outcome of the team's playoff run.
eliminated_round	character	Round in which the team was eliminated.
team_id	integer	Referencing team id.
team_school	character	School name of the team.
team_conference	character	Conference the team belongs to.

See Also

Other CFBD Playoff Functions: `cfbd_playoffs_cfp()`, `cfbd_playoffs_cfp_games()`

Examples

```
try(cfbd_playoffs_cfp_participants(year = 2024))
```

cfbd_plays	Get college football play-by-play data.
------------	---

Description

Get college football play-by-play data.

Usage

```
cfbd_plays(  
  year = 2020,  
  season_type = "regular",  
  week = 1,  
  team = NULL,  
  offense = NULL,  
  defense = NULL,  
  conference = NULL,  
  offense_conference = NULL,  
  defense_conference = NULL,  
  play_type = NULL,  
  division = "fbs"  
)
```

Arguments

year	Select year, (example: 2018) Minimum value accepted: 2001
season_type	(<i>String</i> default regular): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason
week	Select week, this is optional (also numeric)
team	Select team name (example: Texas, Texas A&M, Clemson)
offense	Select offense name (example: Texas, Texas A&M, Clemson)
defense	Select defense name (example: Texas, Texas A&M, Clemson)
conference	Select conference name (example: ACC, B1G, B12, SEC, PAC, MAC, MWC, CUSA, Ind, SBC, AAC, Western, MVIAA, SWC, PCC, Big 6, etc.)
offense_conference	Select conference name (example: ACC, B1G, B12, SEC, PAC, MAC, MWC, CUSA, Ind, SBC, AAC, Western, MVIAA, SWC, PCC, Big 6, etc.)
defense_conference	Select conference name (example: ACC, B1G, B12, SEC, PAC, MAC, MWC, CUSA, Ind, SBC, AAC, Western, MVIAA, SWC, PCC, Big 6, etc.)
play_type	Select play type (example: see the cfbd_play_type_df)
division	(<i>String</i> optional): Division abbreviation - Select a valid division: fbs/fcs/ii/iii

Value

[cfbd_plays\(\)](#) - A data frame with 27 columns:

col_name	types	description
play_id	character	CFBD play identifier (unique within a game when combined with game_id).
offense	character	Full name of the offense (team in possession) on the play.
offense_conference	character	Conference name of the offense (e.g. "SEC", "ACC").
defense	character	Full name of the defense on the play.
defense_conference	character	Conference name of the defense (e.g. "SEC", "ACC").
home	character	Full home team name for the game.
away	character	Full away team name for the game.
offense_score	integer	Offense's score after the play (points).
defense_score	integer	Defense's score after the play (points).
game_id	integer	CFBD game identifier the play belongs to.
drive_id	character	CFBD drive identifier the play belongs to.
drive_number	integer	Sequential drive number within the game (1-indexed).
play_number	integer	Sequential play number within the game (1-indexed).
period	integer	Game period / quarter (1-4 regulation, 5+ overtime).
offense_timeouts	integer	Timeouts remaining for the offense at the end of the play.
defense_timeouts	integer	Timeouts remaining for the defense at the end of the play.
yard_line	integer	Field-position yard line at the start of the play (0-50 scale from the offense's side).
yards_to_goal	integer	Distance in yards from the offense's spot to the opponent's goal line (0-100).
down	integer	Down of the play (1-4).
distance	integer	Yards to gain for a first down (or to the goal line in goal-to-go situations).

scoring	logical	TRUE when the play results in a score (TD, FG, safety, two-point conversion).
yards_gained	integer	Net yards gained by the offense on the play.
play_type	character	CFBD categorical label for the play type (see cfbd_play_types()).
play_text	character	Free-form text description of the play from the CFBD feed.
ppa	character	Predicted Points Added (CFBD's CFB-EPA analogue) for the play.
clock_minutes	integer	Minutes remaining on the game clock at the start of the play.
clock_seconds	integer	Seconds remaining on the game clock at the start of the play.

See Also

Other CFBD PBP: [cfbd_live_plays\(\)](#), [cfbd_pbp_data\(\)](#), [cfbd_pbp_data_v2\(\)](#), [cfbd_play_stats_player\(\)](#), [cfbd_play_stats_types\(\)](#), [cfbd_play_types\(\)](#)

Examples

```
try(cfbd_plays(year = 2021, week = 1))
```

cfbd_play_stats_player

Gets player info associated by play

Description

Gets player info associated by play

Usage

```
cfbd_play_stats_player(
  year = NULL,
  week = NULL,
  team = NULL,
  game_id = NULL,
  athlete_id = NULL,
  stat_type_id = NULL,
  season_type = "both",
  conference = NULL
)
```

Arguments

year	(<i>Integer</i> optional): Year, 4 digit format (YYYY) Minimum value accepted: 2012
week	(<i>Integer</i> optional): Week - values from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier
team	(<i>String</i> optional): D-I Team

game_id	(Integer optional): Game ID filter for querying a single game Can be found using the <code>cfbd_game_info()</code> function
athlete_id	(Integer optional): Athlete ID filter for querying a single athlete Can be found using the <code>cfbd_player_info()</code> function.
stat_type_id	(Integer optional): Stat Type ID filter for querying a single stat type Can be found using the <code>cfbd_play_stats_types()</code> function
season_type	(String default both): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason
conference	(String optional): Conference abbreviation filter.

Value

`cfbd_play_stats_player()` - A data frame with 66 variables:

col_name	types	description
play_id	character	CFBD play identifier the stat is attributed to.
game_id	integer	CFBD game identifier the play belongs to.
season	integer	Four-digit season year (e.g. 2024).
week	integer	Season week number (1-15 regular season; 1 = postseason/bowl week).
opponent	character	Full name of the opponent on the play.
team_score	integer	Offense team score at the time of the play.
opponent_score	integer	Defense / opponent team score at the time of the play.
drive_id	character	CFBD drive identifier the play belongs to.
period	integer	Game period / quarter of the play (1-4 regulation, 5+ overtime).
yards_to_goal	integer	Distance in yards from the offense's spot to the opponent's goal line (0-100).
down	integer	Down of the play (1-4).
distance	integer	Yards to gain for a first down (or to the goal line in goal-to-go situations).
reception_player_id	character	CFBD athlete_id of the receiver credited with a reception.
reception_player	character	Name of the receiver credited with a reception.
reception_yds	integer	Reception yards gained on the play.
completion_player_id	character	CFBD athlete_id of the passer credited with a completion.
completion_player	character	Name of the passer credited with a completion.
completion_yds	integer	Passing yards gained on the completion.
rush_player_id	character	CFBD athlete_id of the player credited with a rush attempt.
rush_player	character	Name of the player credited with a rush attempt.
rush_yds	integer	Rushing yards gained on the play.
interception_player_id	character	CFBD athlete_id of the defender credited with an interception.
interception_player	character	Name of the defender credited with an interception.
interception_stat	integer	Interception stat value reported by CFBD (typically 1 per INT).
interception_thrown_player_id	character	CFBD athlete_id of the passer charged with the interception.
interception_thrown_player	character	Name of the passer charged with the interception.
interception_thrown_stat	integer	Interception-thrown stat value reported by CFBD (typically 1 per INT thrown).
touchdown_player_id	character	CFBD athlete_id of the player credited with the touchdown.
touchdown_player	character	Name of the player credited with the touchdown.
touchdown_stat	integer	Touchdown stat value reported by CFBD (typically 1 per TD scored).
incompletion_player_id	character	CFBD athlete_id of the targeted receiver on an incompletion.
incompletion_player	character	Name of the targeted receiver on an incompletion.

incompletion_stat	integer	Incompletion stat value reported by CFBD (typically 1 per incompletion).
target_player_id	character	CFBD athlete_id of the targeted receiver on a pass.
target_player	character	Name of the targeted receiver on a pass.
target_stat	integer	Target stat value reported by CFBD (typically 1 per target).
fumble_recovered_player_id	logical	CFBD athlete_id of the player recovering the fumble.
fumble_recovered_player	logical	Name of the player recovering the fumble.
fumble_recovered_stat	logical	Fumble-recovered stat value reported by CFBD (typically 1 per recovery).
fumble_forced_player_id	logical	CFBD athlete_id of the defender credited with forcing the fumble.
fumble_forced_player	logical	Name of the defender credited with forcing the fumble.
fumble_forced_stat	logical	Fumble-forced stat value reported by CFBD (typically 1 per forced fumble).
fumble_player_id	logical	CFBD athlete_id of the player who fumbled.
fumble_player	logical	Name of the player who fumbled.
fumble_stat	logical	Fumble stat value reported by CFBD (typically 1 per fumble).
sack_player_id	character	Comma-separated CFBD athlete_id(s) of the sacking defender(s).
sack_player	character	Comma-separated name(s) of the sacking defender(s).
sack_stat	integer	Sack stat value reported by CFBD (sack credit can be split between defenders).
sack_taken_player_id	character	CFBD athlete_id of the QB charged with taking the sack.
sack_taken_player	character	Name of the QB charged with taking the sack.
sack_taken_stat	integer	Sack-taken stat value reported by CFBD (typically 1 per sack taken).
pass_breakup_player_id	logical	CFBD athlete_id of the defender credited with the pass breakup (PBU).
pass_breakup_player	logical	Name of the defender credited with the pass breakup (PBU).
pass_breakup_stat	logical	Pass breakup (PBU) stat value reported by CFBD (typically 1 per PBU).
field_goal_attempt_player_id	character	CFBD athlete_id of the kicker attempting the field goal.
field_goal_attempt_player	character	Name of the kicker attempting the field goal.
field_goal_attempt_stat	integer	Field goal attempt distance in yards reported by CFBD.
field_goal_made_player_id	character	CFBD athlete_id of the kicker on a made field goal.
field_goal_made_player	character	Name of the kicker on a made field goal.
field_goal_made_stat	integer	Made-field-goal distance in yards reported by CFBD.
field_goal_missed_player_id	character	CFBD athlete_id of the kicker on a missed field goal.
field_goal_missed_player	character	Name of the kicker on a missed field goal.
field_goal_missed_stat	integer	Missed-field-goal distance in yards reported by CFBD.
field_goal_blocked_player_id	character	CFBD athlete_id of the defender credited with blocking the field goal.
field_goal_blocked_player	character	Name of the defender credited with blocking the field goal.
field_goal_blocked_stat	integer	Blocked-field-goal distance in yards reported by CFBD.

See Also

Other CFBD PBP: [cfbd_live_plays\(\)](#), [cfbd_pbp_data\(\)](#), [cfbd_pbp_data_v2\(\)](#), [cfbd_play_stats_types\(\)](#), [cfbd_play_types\(\)](#), [cfbd_plays\(\)](#)

Examples

```
try(cfbd_play_stats_player(game_id = 401628414))
try(cfbd_play_stats_player(year = 2025, week = 1))
```

cfbd_play_stats_types	Get college football mapping for play stats types
-----------------------	--

Description

Get college football mapping for play stats types

Usage

```
cfbd_play_stats_types()
```

Value

[cfbd_play_stats_types\(\)](#) - A data frame with 25 rows and 2 variables:

col_name	types	description
play_stat_type_id	integer	CFBD play stat type identifier (used as a filter in cfbd_play_stats_player()).
name	character	Human-readable name of the play stat type (e.g. "Reception", "Sack", "Touchdown").

See Also

Other CFBD PBP: [cfbd_live_plays\(\)](#), [cfbd_pbp_data\(\)](#), [cfbd_pbp_data_v2\(\)](#), [cfbd_play_stats_player\(\)](#), [cfbd_play_types\(\)](#), [cfbd_plays\(\)](#)

Examples

```
try(cfbd_play_stats_types())
```

cfbd_play_types	Get college football mapping for play types
-----------------	--

Description

Get college football mapping for play types

Usage

```
cfbd_play_types()
```

Value

[cfbd_play_types\(\)](#) - A data frame with 48 rows and 3 variables:

col_name	types	description
play_type_id	integer	CFBD play type identifier (matches play_type IDs in cfbd_plays()).
text	character	Human-readable play type description (e.g. "Rush", "Pass Reception", "Field Goal").
abbreviation	character	Short play type abbreviation used as the play_type filter argument in API calls.

See Also

Other CFBD PBP: [cfbd_live_plays\(\)](#), [cfbd_pbp_data\(\)](#), [cfbd_pbp_data_v2\(\)](#), [cfbd_play_stats_player\(\)](#), [cfbd_play_stats_types\(\)](#), [cfbd_plays\(\)](#)

Examples

```
try(cfbd_play_types())
```

cfbd_rankings	Get historical Coaches and AP poll data
---------------	--

Description

Get historical Coaches and AP poll data

Usage

```
cfbd_rankings(  
  year,  
  week = NULL,  
  season_type = "both",  
  poll = NULL,  
  latest = NULL,  
  final = NULL  
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY) Minimum value accepted: 1936
week	(<i>Integer</i> optional): Week, values from 1-15, 1-14 for seasons pre-playoff (i.e. 2013 or earlier)
season_type	(<i>String</i> default both): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason
poll	(<i>String</i> optional): Poll filter. CFBD accepts only "cfp" here – any other value returns HTTP 400, so it is validated rather than passed through. Omit it to get every poll (AP, Coaches, CFP) and filter the result frame.

latest	(<i>Logical</i> optional): Return the latest College Football Playoff snapshot, preferring the one marked final. Requires poll = "cfp" and cannot be combined with final.
final	(<i>Logical</i> optional): Return the College Football Playoff snapshot marked final. Requires poll = "cfp" and cannot be combined with latest.

Value

`cfbd_rankings()` - A data frame with 9 variables:

col_name	types	description
season	integer	Four-digit year of the season (e.g. 2019).
season_type	character	CFBD season type: "regular", "postseason", "both", or "allstar".
week	integer	Week number within the season (1-15 regular, 1 for postseason).
poll	character	Poll name (e.g. "AP Top 25", "Coaches Poll", "Playoff Committee Rankings").
rank	integer	Position of the school within the poll for the given week (1 = top-ranked).
school	character	Full school/team name as reported by the poll (e.g. "Georgia").
conference	character	Conference affiliation of the ranked school (e.g. "SEC", "ACC").
first_place_votes	integer	Number of first-place votes the school received in this poll week.
points	integer	Total points accumulated by the school in the poll's weighted voting.

See Also

Other CFBD Ratings and Rankings: `cfbd_ratings_elo()`, `cfbd_ratings_fpi()`, `cfbd_ratings_sp()`, `cfbd_ratings_sp_conference()`, `cfbd_ratings_srs()`

Examples

```
try(cfbd_rankings(year = 2019, week = 12))

try(cfbd_rankings(year = 2018, week = 14))

try(cfbd_rankings(year = 2013, season_type = "postseason"))
```

cfbd_ratings

CFBD Ratings and Rankings Endpoints Overview

Description

- `cfbd_rankings()`: Gets Historical CFB poll rankings at a specific week.
- `cfbd_ratings_sp()`: Get SP historical rating data.
- `cfbd_ratings_sp_conference()`: Get SP conference-level historical rating data.
- `cfbd_ratings_srs()`: Get SRS historical rating data.

- `cfbd_ratings_elo()`: Get Elo historical rating data.
- `cfbd_ratings_fpi()`: Get FPI historical rating data.
- `cfbd_ratings_core()`: Get CFBD core team ratings.
- `cfbd_ratings_srs_expanded()`: Get expanded SRS ratings with component breakdown.

Get historical Coaches and AP poll data:

```
cfbd_rankings(year = 2019, week = 12)
```

```
cfbd_rankings(year = 2018, week = 14)
```

```
cfbd_rankings(year = 2013, season_type = "postseason")
```

Get SP historical rating data:

At least one of **year** or **team** must be specified for the function to run

```
cfbd_ratings_sp(year = 2018)
```

```
cfbd_ratings_sp(team = "Texas A&M")
```

```
cfbd_ratings_sp(year = 2019, team = "Texas")
```

Get conference level SP historical rating data:

```
cfbd_ratings_sp_conference(year = 2019)
```

```
cfbd_ratings_sp_conference(year = 2012, conference = "SEC")
```

```
cfbd_ratings_sp_conference(year = 2016, conference = "ACC")
```

Get SRS historical rating data:

At least one of **year** or **team** must be specified for the function to run

```
cfbd_ratings_srs(year = 2019, team = "Texas")
```

```
cfbd_ratings_srs(year = 2018, conference = "SEC")
```

Get Elo historical rating data:

Acquire the CFBD calculated elo ratings data by **team**, **year**, **week**, and **conference**

```
cfbd_ratings_elo(year = 2019, team = "Texas")
```

```
cfbd_ratings_elo(year = 2018, conference = "SEC")
```

Get FPI historical rating data:

Acquire the ESPN FPI ratings data by **team**, **year**, and **conference**

```
cfbd_ratings_fpi(year = 2019, team = "Texas")
```

```
cfbd_ratings_fpi(year = 2018, conference = "SEC")
```

Get core team ratings:

```
cfbd_ratings_core(year = 2024)
```

Get expanded SRS ratings:

```
cfbd_ratings_srs_expanded(year = 2024)
```

cfbd_ratings_core	Get core team ratings
-------------------	------------------------------

Description

Get core team ratings CFBD’s core team rating measures.

Usage

```
cfbd_ratings_core(year = NULL, team = NULL, conference = NULL, proxy = NULL)
```

Arguments

- year (Integer optional): Season, 4 digits (YYYY). Minimum value accepted: 2016
- team (String optional): Team filter.
- conference (String optional): Conference abbreviation filter.
- proxy (List optional): Per-call proxy override passed to get_req(). NULL (default) falls back to getOption("cfbfastR.proxy") and then the http(s)_proxy environment variables, so a caller can override the shared setting for one endpoint.

Value

cfbd_ratings_core() - A tibble with 11 columns:

col_name	types	description
year	integer	Four-digit season year.
through_season_type	character	Season type the rating is computed through.
through_week	integer	Week the rating is computed through.
team	character	Team name.
conference	character	Conference name.
overall	numeric	Overall rating.
offense	numeric	Offensive rating.
defense	numeric	Defensive rating.
offense_plays	integer	Offensive plays underlying the rating.
defense_plays	integer	Defensive plays underlying the rating.
model_version	character	Version of the rating model that produced the row.

See Also

Other CFBD Ratings Functions: [cfbd_ratings_srs_expanded\(\)](#)

Examples

```
try(cfbd_ratings_core(year = 2024))
```

cfbd_ratings_elo	Get Elo historical rating data
------------------	--------------------------------

Description

Acquire the CFBD calculated elo ratings data by team, year, week, and conference

Usage

```
cfbd_ratings_elo(  
  year = NULL,  
  week = NULL,  
  season_type = "both",  
  team = NULL,  
  conference = NULL  
)
```

Arguments

year	(<i>Integer</i> optional): Year, 4 digit format (YYYY) Minimum value accepted: 1890
week	(<i>Integer</i> optional): Maximum Week of ratings.
season_type	(<i>String</i> default both): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason
team	(<i>String</i> optional): D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Elo information by conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC

Value

[cfbd_ratings_elo\(\)](#) - A data frame with 4 variables:

col_name	types	description
year	integer	Four-digit season year (e.g. 2019).
team	character	Full team name (e.g. "Texas").
conference	character	Conference affiliation for the team in the given season.
elo	numeric	CFBD-calculated Elo rating for the team as of the requested week.

See Also

Other CFBD Ratings and Rankings: [cfbd_rankings\(\)](#), [cfbd_ratings_fpi\(\)](#), [cfbd_ratings_sp\(\)](#), [cfbd_ratings_sp_conference\(\)](#), [cfbd_ratings_srs\(\)](#)

Examples

```
try(cfbd_ratings_elo(year = 2019, team = "Texas"))

try(cfbd_ratings_elo(year = 2018, conference = "SEC"))
```

cfbd_ratings_fpi	Get Football Power Index (FPI) historical rating data
------------------	--

Description

Acquire the ESPN calculated FPI ratings data by team, year, and conference

Usage

```
cfbd_ratings_fpi(year = NULL, team = NULL, conference = NULL)
```

Arguments

- year (Integer optional): Year, 4 digit format (YYYY). Required if team not provided
Minimum value accepted: 2005
- team (String optional): D-I Team. Required if year not provided
- conference (String optional): Conference name - select a valid FBS conference
Conference names P5: ACC, Big 12, Big Ten, SEC, Pac-12
Conference names G5 and FBS Independents: Conference USA, Mid-American, Mountain West, FBS Independents, American Athletic

Value

[cfbd_ratings_fpi\(\)](#) - A data frame with 14 variables:

col_name	types	description
year	integer	Four-digit season year (e.g. 2019).
team	character	Full team name (e.g. "Texas").
conference	character	Conference affiliation for the team in the given season.
fpi	numeric	ESPN Football Power Index rating (projected scoring margin v
resume_ranks_strength_of_record	integer	National rank of the team's strength of record (1 = best).
resume_ranks_fpi	integer	National rank of the team's FPI rating (1 = best).

resume_ranks_average_win_probability	integer	National rank of the team's average single-game win probability
resume_ranks_strength_of_schedule	integer	National rank of the team's schedule strength to date (1 = toughest)
resume_ranks_remaining_strength_of_schedule	integer	National rank of the team's remaining schedule strength (1 = toughest)
resume_ranks_game_control	integer	National rank of the team's average in-game win probability (1 = toughest)
efficiencies_overall	numeric	Overall FPI efficiency rating (combined offense, defense, and special teams)
efficiencies_offense	numeric	FPI offensive efficiency rating.
efficiencies_defense	numeric	FPI defensive efficiency rating.
efficiencies_special_teams	numeric	FPI special teams efficiency rating.

See Also

Other CFBD Ratings and Rankings: [cfbd_rankings\(\)](#), [cfbd_ratings_elo\(\)](#), [cfbd_ratings_sp\(\)](#), [cfbd_ratings_sp_conference\(\)](#), [cfbd_ratings_srs\(\)](#)

Examples

```
try(cfbd_ratings_fpi(year = 2019, team = "Texas"))

try(cfbd_ratings_fpi(year = 2018, conference = "SEC"))
```

cfbd_ratings_sp

Get SP historical rating data

Description

At least one of **year** or **team** must be specified for the function to run

Usage

```
cfbd_ratings_sp(year = NULL, team = NULL)
```

Arguments

year	(<i>Integer</i> optional): Year, 4 digit format (YYYY). Required if team not provided Minimum value accepted: 1970
team	(<i>String</i> optional): D-I Team. Required if year not provided

Value

[cfbd_ratings_sp\(\)](#) - A data frame with 26 variables:

col_name	types	description
year	integer	Four-digit season year (e.g. 2018).
team	character	Full team name (e.g. "Texas A&M").

conference	character	Conference affiliation for the team in the given season.
rating	numeric	Overall SP+ rating (Bill Connelly methodology, in points per game).
ranking	integer	National rank of the team's overall SP+ rating (1 = best).
second_order_wins	numeric	Estimated wins based on opponent-adjusted efficiency rather than actual results.
sos	numeric	Strength of schedule rating (SP+ scale).
offense_ranking	integer	National rank of the team's offensive SP+ rating (1 = best).
offense_rating	numeric	Offensive SP+ rating (points per drive adjusted for opponent).
offense_success	numeric	Offensive success rate component of SP+ (probability 0-1).
offense_explosiveness	numeric	Offensive explosiveness component of SP+ (EqPts/play on successful plays).
offense_rushing	numeric	Offensive rushing efficiency component of SP+.
offense_passing	numeric	Offensive passing efficiency component of SP+.
offense_standard_downs	numeric	Offensive SP+ on standard downs (1st, 2nd & <= 7, 3rd/4th & <= 4).
offense_passing_downs	numeric	Offensive SP+ on passing downs (2nd & >= 8, 3rd/4th & >= 5).
offense_run_rate	numeric	Share of offensive snaps that are designed runs (0-1).
offense_pace	numeric	Average seconds per play for the offense.
defense_ranking	integer	National rank of the team's defensive SP+ rating (1 = best).
defense_rating	numeric	Defensive SP+ rating (points per drive allowed, opponent-adjusted).
defense_success	numeric	Defensive success rate component of SP+ (probability 0-1).
defense_explosiveness	numeric	Defensive explosiveness component of SP+ (EqPts/play allowed on successes).
defense_rushing	numeric	Defensive rushing efficiency component of SP+.
defense_passing	numeric	Defensive passing efficiency component of SP+.
defense_standard_downs	numeric	Defensive SP+ on standard downs.
defense_passing_downs	numeric	Defensive SP+ on passing downs.
defense_havoc_total	numeric	Total havoc rate (TFLs + PBU's + forced fumbles divided by plays).
defense_havoc_front_seven	numeric	Havoc rate contributed by the defensive front seven.
defense_havoc_db	numeric	Havoc rate contributed by defensive backs.
special_teams_rating	numeric	Special teams SP+ rating (points per game).

See Also

Other CFBD Ratings and Rankings: [cfbd_rankings\(\)](#), [cfbd_ratings_elo\(\)](#), [cfbd_ratings_fpi\(\)](#), [cfbd_ratings_sp_conference\(\)](#), [cfbd_ratings_srs\(\)](#)

Examples

```
try(cfbd_ratings_sp(year = 2018))

try(cfbd_ratings_sp(team = "Texas A&M"))

try(cfbd_ratings_sp(year = 2019, team = "Texas"))
```

cfbd_ratings_sp_conference

Get conference level SP historical rating data

Description**Get conference level SP historical rating data****Usage**

```
cfbd_ratings_sp_conference(year = NULL, conference = NULL, division = NULL)
```

Arguments

year (*Integer* optional): Year, 4 digit format (YYYY)
Minimum value accepted: 1970

conference (*String* optional): Conference abbreviation - S&P+ information by conference
Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC

division (*String* optional): Division/classification filter – one of fbs, fcs, ii, ii/iii, iii. Sent to CFBD as classification.

Value

`cfbd_ratings_sp_conference()` - A data frame with 25 variables:

col_name	types	description
year	integer	Season of the conference rating.
conference	character	Conference name.
rating	numeric	Conference SP+ rating.
second_order_wins	logical	Second-order wins for the conference - Not available for recent seasons.
sos	logical	Strength of schedule for the conference - Not available for recent seasons.
offense_rating	numeric	Overall offense rating for the conference.
offense_success	logical	Offense success rating for the conference - Not available for recent seasons.
offense_explosiveness	logical	Offense explosiveness rating for the conference - Not available for recent seasons.
offense_rushing	logical	Offense rushing rating for the conference - Not available for recent seasons.
offense_passing	logical	Offense passing rating for the conference - Not available for recent seasons.
offense_standard_downs	logical	Offense standard downs rating for the conference - Not available for recent seasons.
offense_passing_downs	logical	Offensive passing downs rating for the conference - Not available for recent seasons.
offense_run_rate	logical	Offense rushing rate for the conference - Not available for recent seasons.
offense_pace	logical	Offense pace factor for the conference - Not available for recent seasons.
defense_ranking	integer	Overall defense ranking for the conference.
defense_rating	numeric	Overall defense rating for the conference.
defense_success	logical	Defense success rating for the conference - Not available for recent seasons.
defense_explosiveness	logical	Defense explosiveness rating for the conference - Not available for recent seasons.
defense_rushing	logical	Defense rushing rating for the conference - Not available for recent seasons.
defense_passing	logical	Defense passing rating for the conference - Not available for recent seasons.
defense_standard_downs	logical	Defense standard downs rating for the conference - Not available for recent seasons.
defense_passing_downs	logical	Defensive passing downs rating for the conference - Not available for recent seasons.
defense_havoc_total	logical	Total defensive havoc rate for the conference - Not available for recent seasons.
defense_havoc_front_seven	logical	Defense havoc rate from front 7 players for the conference - Not available for recent seasons.
defense_havoc_db	logical	Defense havoc rate from defensive backs for the conference - Not available for recent seasons.
special_teams_rating	numeric	Special teams rating for the conference.

See Also

Other CFBD Ratings and Rankings: [cfbd_rankings\(\)](#), [cfbd_ratings_elo\(\)](#), [cfbd_ratings_fpi\(\)](#), [cfbd_ratings_sp\(\)](#), [cfbd_ratings_srs\(\)](#)

Examples

```
try(cfbd_ratings_sp_conference(year = 2019))

try(cfbd_ratings_sp_conference(year = 2012, conference = "SEC"))

try(cfbd_ratings_sp_conference(year = 2016, conference = "ACC"))
```

cfbd_ratings_srs	Get SRS historical rating data
------------------	--------------------------------

Description

At least one of **year** or **team** must be specified for the function to run

Usage

```
cfbd_ratings_srs(year = NULL, team = NULL, conference = NULL)
```

Arguments

year	(<i>Integer</i> optional): Year, 4 digit format (YYYY). Required if team not provided Minimum value accepted: 1897
team	(<i>String</i> optional): D-I Team. Required if year not provided
conference	(<i>String</i> optional): Conference abbreviation - SRS information by conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC

Value

[cfbd_ratings_srs\(\)](#) - A data frame with 6 variables:

col_name	types	description
year	integer	Season of the SRS rating.
team	character	Team name.
conference	character	Conference of the team.
division	character	Division in the conference for the team.
rating	numeric	Simple Rating System (SRS) rating.

ranking integer Simple Rating System ranking within the group returned.

See Also

Other CFBD Ratings and Rankings: [cfbd_rankings\(\)](#), [cfbd_ratings_elo\(\)](#), [cfbd_ratings_fpi\(\)](#), [cfbd_ratings_sp\(\)](#), [cfbd_ratings_sp_conference\(\)](#)

Examples

```
try(cfbd_ratings_srs(year = 2019, team = "Texas"))

try(cfbd_ratings_srs(year = 2018, conference = "SEC"))
```

cfbd_ratings_srs_expanded

Get expanded SRS ratings

Description

Get expanded SRS ratings Simple Rating System with its component breakdown.

Usage

```
cfbd_ratings_srs_expanded(
  year = NULL,
  team = NULL,
  conference = NULL,
  division = NULL,
  proxy = NULL
)
```

Arguments

- year (*Integer* optional): Season, 4 digits (YYYY). Minimum value accepted: 2003
- team (*String* optional): Team filter.
- conference (*String* optional): Conference abbreviation filter.
- division (*String* optional): Division/classification filter – fbs, fcs, ii, ii/iii, iii.
- proxy (*List* optional): Per-call proxy override passed to get_req(). NULL (default) falls back to getOption("cfbfastR.proxy") and then the http(s)_proxy environment variables, so a caller can override the shared setting for one endpoint.

Value

`cfbd_ratings_srs_expanded()` - A tibble with 7 columns:

col_name	types	description
year	integer	Four-digit season year.
team	character	Team name.
classification	character	Division classification (fbs, fcs, ii, ii/iii, iii).
conference	character	Conference name.
division	logical	Division.
ranking	integer	Rank by rating.
rating	numeric	Rating value.

See Also

Other CFBD Ratings Functions: `cfbd_ratings_core()`

Examples

```
try(cfbd_ratings_srs_expanded(year = 2024))
```

cfbd_recruiting	CFB Recruiting Endpoint Overview
-----------------	---

Description

- `cfbd_recruiting_player()`: Get college football player recruiting information for a single year with filters available for team, recruit type, state and position.
- `cfbd_recruiting_position()`: Get college football position group recruiting information .
- `cfbd_recruiting_team()`: Get college football recruiting team rankings information.

Get player recruiting rankings:

Get college football player recruiting information for a single year with filters available for team, recruit type, state and position.

```
cfbd_recruiting_player(2018, team = "Texas")

cfbd_recruiting_player(2016, recruit_type = "JUCO")

cfbd_recruiting_player(2020, recruit_type = "HighSchool", position = "OT", state = "FL")
```

Get college football position group recruiting information.:

```
cfbd_recruiting_position(2018, team = "Texas")

cfbd_recruiting_position(2016, 2020, team = "Virginia")

cfbd_recruiting_position(2015, 2020, conference = "SEC")
```

Get college football recruiting team rankings information.:

```
cfbd_recruiting_team(2018, team = "Texas")  
  
cfbd_recruiting_team(2016, team = "Virginia")  
  
cfbd_recruiting_team(2016, team = "Texas A&M")  
  
cfbd_recruiting_team(2011)
```

Details

Gets CFB team recruiting ranks with filters available for year and team. At least one of **year** or **team** must be specified for the function to run

If you would like CFB recruiting information for players, please see the [cfbd_recruiting_player\(\)](#) function

If you would like to get CFB recruiting information based on position groups during a time period for all FBS teams, please see the [cfbd_recruiting_position\(\)](#) function.

[cfbd_recruiting_player\(\)](#) - At least one of **year** or **team** must be specified for the function to run

[cfbd_recruiting_position\(\)](#) - If only start_year is provided, function will get CFB recruiting information based on position groups during that year for all FBS teams.

cfbd_recruiting_player

Get player recruiting rankings

Description**Get player recruiting rankings****Usage**

```
cfbd_recruiting_player(  
  year = NULL,  
  team = NULL,  
  recruit_type = "HighSchool",  
  state = NULL,  
  position = NULL,  
  division = NULL  
)
```

Arguments

year	(<i>Integer</i> optional): Year, 4 digit format (YYYY) Required if team not provided Minimum value accepted: 2000
team	(<i>String</i> optional): D-I Team. Required if year not provided
recruit_type	(<i>String</i> optional): default API return is 'HighSchool', other options include 'JUCO' or 'PrepSchool' - For position group information
state	(<i>String</i> optional): Two letter State abbreviation
position	(<i>String</i> optional): Position Group - options include: • Offense: 'PRO', 'DUAL', 'RB', 'FB', 'TE', 'OT', 'OG', 'OC', 'WR' • Defense: 'CB', 'S', 'OLB', 'ILB', 'WDE', 'SDE', 'DT' • Special Teams: 'K', 'P'
division	(<i>String</i> optional): Division/classification filter – one of fbs, fcs, ii, ii/iii, iii. Sent to CFBD as classification.

Value

`cfbd_recruiting_player()` - A data frame with 19 variables:

col_name	types	description
id	integer	247Sports referencing id for the recruit.
athlete_id	integer	CFBD athlete referencing id linking to player tables.
recruit_type	character	Recruit class: High School, Prep School, or Junior College.
year	integer	Recruiting class year (four-digit season).
ranking	integer	Recruit national ranking within the class.
name	character	Recruit full name.
school	character	High school, prep school, or JUCO program the recruit attended.
committed_to	character	College program the recruit is committed to.
position	character	Recruit position abbreviation (e.g. QB, WR, OT).
height	numeric	Recruit height in inches.
weight	integer	Recruit weight in pounds.
stars	integer	Recruit star rating on the 247Sports scale (2-5).
rating	numeric	247Sports composite rating for the recruit.
city	character	Hometown city of the recruit.
state_province	character	Hometown state or province of the recruit.
country	character	Hometown country of the recruit.
hometown_info_latitude	character	Latitude of the recruit's hometown.
hometown_info_longitude	character	Longitude of the recruit's hometown.
hometown_info_fips_code	character	FIPS code of the recruit's hometown.

See Also

Other CFBD Recruiting: `cfbd_recruiting_position()`, `cfbd_recruiting_team()`, `cfbd_recruiting_transfer_port.`

Examples

```
try(cfbd_recruiting_player(2018, team = "Texas"))

try(cfbd_recruiting_player(2016, recruit_type = "JUCO"))

try(cfbd_recruiting_player(2020, recruit_type = "HighSchool", position = "OT", state = "FL"))
```

cfbd_recruiting_position

Get college football position group recruiting information.

Description

Get college football position group recruiting information.

Usage

```
cfbd_recruiting_position(
  start_year = NULL,
  end_year = NULL,
  team = NULL,
  conference = NULL,
  recruit_type = NULL
)
```

Arguments

start_year	(<i>Integer</i> optional): Start Year, 4 digit format (YYYY). <i>Note: 2000 is the minimum value</i>
end_year	(<i>Integer</i> optional): End Year, 4 digit format (YYYY). <i>Note: 2020 is the maximum value currently</i>
team	(<i>String</i> optional): Team - Select a valid team, D-I football
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
recruit_type	(<i>String</i> optional): HighSchool, PrepSchool or JUCO.

Value

`cfbd_recruiting_position()` - A data frame with 7 variables:

col_name	types	description
team	character	Recruiting team (school) name.
conference	character	Conference affiliation of the recruiting team.

position_group	character	Position group of the recruits (e.g. Offensive Line, Defensive Back).
avg_rating	numeric	Average 247Sports composite rating of recruits in the position group.
total_rating	numeric	Sum of the 247Sports composite ratings of recruits in the group.
commits	integer	Number of commits in the position group.
avg_stars	numeric	Average star rating of recruits in the position group.

See Also

Other CFBD Recruiting: [cfbd_recruiting_player\(\)](#), [cfbd_recruiting_team\(\)](#), [cfbd_recruiting_transfer_portal](#)

Examples

```
try(cfbd_recruiting_position(2018, team = "Texas"))

try(cfbd_recruiting_position(2016, 2020, team = "Virginia"))

try(cfbd_recruiting_position(2015, 2020, conference = "SEC"))
```

cfbd_recruiting_team	Get college football recruiting team rankings information.
----------------------	---

Description

Get college football recruiting team rankings information.

Usage

```
cfbd_recruiting_team(year = NULL, team = NULL)
```

Arguments

year	(<i>Integer</i> optional): Recruiting Class Year, 4 digit format (YYYY) Required if team not provided. Minimum value accepted: 2000
team	(<i>String</i> optional): Team - Select a valid team, D1 football. Required if year not provided.

Value

[cfbd_recruiting_team\(\)](#) - A data frame with 4 variables:

col_name	types	description
year	integer	Recruiting class year (four-digit season).
rank	integer	National team recruiting rank for the class.
team	character	Recruiting team (school) name.

points character Team talent points totaled across the recruiting class.

See Also

Other CFBD Recruiting: [cfbd_recruiting_player\(\)](#), [cfbd_recruiting_position\(\)](#), [cfbd_recruiting_transfer_po](#)

Examples

```
try(cfbd_recruiting_team(2018, team = "Texas"))

try(cfbd_recruiting_team(2016, team = "Virginia"))

try(cfbd_recruiting_team(2016, team = "Texas A&M"))

try(cfbd_recruiting_team(2011))
```

cfbd_recruiting_transfer_portal

Get Transfer Portal Data

Description

Get Transfer Portal Data

Usage

```
cfbd_recruiting_transfer_portal(year)
```

Arguments

year (*Integer* required): Year of the offseason (2021 would return transfer portal data starting from the end of the 2020 season), 4 digit format (YYYY).
Minimum value accepted: 2021

Value

[cfbd_recruiting_transfer_portal\(\)](#) - A data frame with 10 variables:

col_name	types	description
season	integer	Season of the transfer (four-digit year).
first_name	character	Player's first name.
last_name	character	Player's last name.
position	character	Player position abbreviation (e.g. QB, WR, OT).
origin	character	Original (transferring-from) team.
destination	character	New (transferring-to) team.

transfer_date	character	Date the transfer was reported (parsed downstream to POSIXct).
rating	character	Player's 247Sports transfer rating.
stars	integer	Player's 247Sports star rating (2-5).
eligibility	character	Player's eligibility status at time of transfer.

See Also

Other CFBD Recruiting: [cfbd_recruiting_player\(\)](#), [cfbd_recruiting_position\(\)](#), [cfbd_recruiting_team\(\)](#)

Examples

```
try(cfbd_recruiting_transfer_portal(year = 2021))
```

cfbd_stats	CFBD Stats Endpoint Overview
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Description

- `cfbd_stats_categories()`: Get college football mapping for stats categories.
- `cfbd_stats_season_team()`: Get season statistics by team.
- `cfbd_stats_season_advanced()`: Get season advanced statistics by team.
- `cfbd_stats_game_advanced()`: Get game advanced stats.
- `cfbd_stats_season_player()`: Get season statistics by player.
- `cfbd_stats_player_success()`: Get player success rates by season.
- `cfbd_stats_player_success_game()`: Get player success rates by game.

Details

Get game advanced stats:

```
cfbd_stats_game_advanced(year = 2018, week = 12, team = "Texas A&M")  
  
cfbd_stats_game_advanced(2019, team = "LSU")  
  
cfbd_stats_game_advanced(2013, team = "Florida State")
```

Get season advanced statistics by team:

```
cfbd_stats_season_advanced(2019, team = "LSU")
```

Get season statistics by player:

```
cfbd_stats_season_player(year = 2018, conference = "B12", start_week = 1, end_week = 7)
```

```
cfbd_stats_season_player(2019, team = "LSU", category = "passing")
```

```
cfbd_stats_season_player(2013, team = "Florida State", category = "passing")
```

Get season statistics by team:

```
cfbd_stats_season_team(year = 2018, conference = "B12", start_week = 1, end_week = 8)
```

```
cfbd_stats_season_team(2019, team = "LSU")
```

```
cfbd_stats_season_team(2013, team = "Florida State")
```

Get stats categories:

This function identifies all Stats Categories identified in the regular stats endpoint.

```
cfbd_stats_categories()
```

Get player success rates by season:

```
cfbd_stats_player_success(year = 2024, team = "Georgia")
```

Get player success rates by game:

```
cfbd_stats_player_success_game(year = 2024, week = 5)
```

cfbd_stats_categories **Get stats categories**

Description

This function identifies all Stats Categories identified in the regular stats endpoint.

Usage

```
cfbd_stats_categories()
```

Value

`cfbd_stats_categories()` A data frame with 1 variable:

col_name	types	description
category	character	CFBD stats category name (e.g. passing, rushing, defensive).

See Also

Other CFBD Stats: [cfbd_stats_game_advanced\(\)](#), [cfbd_stats_game_havoc\(\)](#), [cfbd_stats_season_advanced\(\)](#), [cfbd_stats_season_player\(\)](#), [cfbd_stats_season_team\(\)](#)

Examples

```
try(cfbd_stats_categories())
```

```
cfbd_stats_game_advanced
```

Get game advanced stats

Description

Get game advanced stats

Usage

```
cfbd_stats_game_advanced(
  year,
  week = NULL,
  team = NULL,
  opponent = NULL,
  excl_garbage_time = FALSE,
  season_type = "both"
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format(YYYY) Minimum value accepted: 2001
week	(<i>Integer</i> optional): Week - values from 1-15, 1-14 for seasons pre-playoff (i.e. 2013 or earlier)
team	(<i>String</i> optional): D-I Team
opponent	(<i>String</i> optional): Opponent D-I Team
excl_garbage_time	(<i>Logical</i> default FALSE): Select whether to exclude Garbage Time (TRUE/FALSE)
season_type	(<i>String</i> default both): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason

Value

`cfbd_stats_game_advanced()` - A data frame with 60 variables:

col_name	types	description
game_id	integer	Referencing game id.
season	integer	Season of the game.
week	integer	Game week of the season.
team	character	Team name.

opponent	character	Opponent team name.
off_plays	integer	Offense plays in the game.
off_drives	integer	Offense drives in the game.
off_ppa	double	Offense predicted points added (PPA).
off_total_ppa	double	Offense total predicted points added (PPA).
off_success_rate	double	Offense success rate.
off_explosiveness	double	Offense explosiveness rate.
off_power_success	double	Offense power success rate.
off_stuff_rate	double	Opponent stuff rate.
off_line_yds	double	Offensive line yards.
off_line_yds_total	integer	Offensive line yards total.
off_second_lvl_yds	double	Offense second-level yards.
off_second_lvl_yds_total	integer	Offense second-level yards total.
off_open_field_yds	integer	Offense open field yards.
off_open_field_yds_total	integer	Offense open field yards total.
off_standard_downs_ppa	double	Offense standard downs predicted points added (PPA).
off_standard_downs_success_rate	double	Offense standard downs success rate.
off_standard_downs_explosiveness	double	Offense standard downs explosiveness rate.
off_passing_downs_ppa	double	Offense passing downs predicted points added (PPA).
off_passing_downs_success_rate	double	Offense passing downs success rate.
off_passing_downs_explosiveness	double	Offense passing downs explosiveness rate.
off_rushing_plays_ppa	double	Offense rushing plays predicted points added (PPA).
off_rushing_plays_total_ppa	double	Offense rushing plays total predicted points added (PPA).
off_rushing_plays_success_rate	double	Offense rushing plays success rate.
off_rushing_plays_explosiveness	double	Offense rushing plays explosiveness rate.
off_passing_plays_ppa	double	Offense passing plays predicted points added (PPA).
off_passing_plays_total_ppa	double	Offense passing plays total predicted points added (PPA).
off_passing_plays_success_rate	double	Offense passing plays success rate.
off_passing_plays_explosiveness	double	Offense passing plays explosiveness rate.
def_plays	integer	Defense plays in the game.
def_drives	integer	Defense drives in the game.
def_ppa	double	Defense predicted points added (PPA).
def_total_ppa	double	Defense total predicted points added (PPA).
def_success_rate	double	Defense success rate.
def_explosiveness	double	Defense explosiveness rate.
def_power_success	double	Defense power success rate.
def_stuff_rate	double	Opponent stuff rate.
def_line_yds	double	Offensive line yards.
def_line_yds_total	integer	Offensive line yards total.
def_second_lvl_yds	double	Defense second-level yards.
def_second_lvl_yds_total	integer	Defense second-level yards total.
def_open_field_yds	integer	Defense open field yards.
def_open_field_yds_total	integer	Defense open field yards total.
def_standard_downs_ppa	double	Defense standard downs predicted points added (PPA).
def_standard_downs_success_rate	double	Defense standard downs success rate.
def_standard_downs_explosiveness	double	Defense standard downs explosiveness rate.
def_passing_downs_ppa	double	Defense passing downs predicted points added (PPA).
def_passing_downs_success_rate	double	Defense passing downs success rate.

def_passing_downs_explosiveness	double	Defense passing downs explosiveness rate.
def_rushing_plays_ppa	double	Defense rushing plays predicted points added (PPA).
def_rushing_plays_total_ppa	double	Defense rushing plays total predicted points added (PPA).
def_rushing_plays_success_rate	double	Defense rushing plays success rate.
def_rushing_plays_explosiveness	double	Defense rushing plays explosiveness rate.
def_passing_plays_ppa	double	Defense passing plays predicted points added (PPA).
def_passing_plays_total_ppa	double	Defense passing plays total predicted points added (PPA).
def_passing_plays_success_rate	double	Defense passing plays success rate.
def_passing_plays_explosiveness	double	Defense passing plays explosiveness rate.

See Also

Other CFBD Stats: [cfbd_stats_categories\(\)](#), [cfbd_stats_game_havoc\(\)](#), [cfbd_stats_season_advanced\(\)](#), [cfbd_stats_season_player\(\)](#), [cfbd_stats_season_team\(\)](#)

Examples

```
try(cfbd_stats_game_advanced(year = 2018, week = 12, team = "Texas A&M"))

try(cfbd_stats_game_advanced(2019, team = "LSU"))

try(cfbd_stats_game_advanced(2013, team = "Florida State"))
```

cfbd_stats_game_havoc **Get game havoc statistics**

Description

Get havoc-rate statistics aggregated by game. Havoc measures defensive disruption – the share of plays that end in a tackle for loss, a forced fumble, a pass defensed, or an interception – split into front-seven and defensive-back contributions. Each row carries both the team’s own defensive havoc (def_*) and the havoc the team’s offense allowed (off_*) in that game.

Usage

```
cfbd_stats_game_havoc(
  year = NULL,
  team = NULL,
  week = NULL,
  opponent = NULL,
  season_type = NULL
)
```

Arguments

year	(<i>Integer</i> optional): Year, 4 digit format (YYYY). Required if team is not specified. Minimum value accepted: 2004
team	(<i>String</i> optional): D-I Team. Required if year is not specified.
week	(<i>Integer</i> optional): Week - values from 1-15, 1-14 for seasons pre-playoff (i.e. 2013 or earlier).
opponent	(<i>String</i> optional): Opponent D-I Team.
season_type	(<i>String</i> optional): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason.

Value

`cfbd_stats_game_havoc()` - A data frame with 22 variables:

col_name	types	description
game_id	integer	Referencing game id.
season	integer	Season of the game.
season_type	character	Season type of the game.
week	integer	Game week of the season.
team	character	Team name.
conference	character	Conference of the team.
opponent	character	Opponent team name.
opponent_conference	character	Conference of the opponent.
off_total_plays	integer	Offense plays in the game.
off_total_havoc_events	integer	Total havoc events allowed by the offense.
off_front_seven_havoc_events	integer	Front-seven havoc events allowed by the offense.
off_db_havoc_events	integer	Defensive-back havoc events allowed by the offense.
off_havoc_rate	double	Total havoc rate allowed by the offense.
off_front_seven_havoc_rate	double	Front-seven havoc rate allowed by the offense.
off_db_havoc_rate	double	Defensive-back havoc rate allowed by the offense.
def_total_plays	integer	Defense plays in the game.
def_total_havoc_events	integer	Total havoc events created by the defense.
def_front_seven_havoc_events	integer	Front-seven havoc events created by the defense.
def_db_havoc_events	integer	Defensive-back havoc events created by the defense.
def_havoc_rate	double	Total havoc rate created by the defense.
def_front_seven_havoc_rate	double	Front-seven havoc rate created by the defense.
def_db_havoc_rate	double	Defensive-back havoc rate created by the defense.

See Also

Other CFBD Stats: `cfbd_stats_categories()`, `cfbd_stats_game_advanced()`, `cfbd_stats_season_advanced()`, `cfbd_stats_season_player()`, `cfbd_stats_season_team()`

Examples

```
try(cfbd_stats_game_havoc(year = 2023, team = "Georgia"))
```

```
try(cfbd_stats_game_havoc(2022, week = 1))
```

cfbd_stats_player_success

Get player success rates by season

Description

Get player success rates by season Season-level player success-rate metrics.

Usage

```
cfbd_stats_player_success(
  year = NULL,
  conference = NULL,
  team = NULL,
  athlete_id = NULL,
  season_type = "regular",
  start_week = NULL,
  end_week = NULL,
  threshold = NULL,
  excl_garbage_time = NULL,
  proxy = NULL
)
```

Arguments

year	(<i>Integer</i> optional): Season, 4 digits (YYYY). Minimum value accepted: 2013
conference	(<i>String</i> optional): Conference abbreviation filter.
team	(<i>String</i> optional): Team filter.
athlete_id	(<i>Integer</i> optional): Player identifier.
season_type	(<i>String</i> optional): Season type – regular, postseason, both, allstar, spring_regular or spring_postseason.
start_week	(<i>Integer</i> optional): First week to include.
end_week	(<i>Integer</i> optional): Last week to include.
threshold	(<i>Numeric</i> optional): Minimum success-rate threshold.
excl_garbage_time	(<i>Logical</i> optional): Exclude garbage-time plays.
proxy	(<i>List</i> optional): Per-call proxy override passed to <code>get_req()</code> . NULL (default) falls back to <code>getOption("cfbfastR.proxy")</code> and then the <code>http(s)_proxy</code> environment variables, so a caller can override the shared setting for one endpoint.

Value

cfbd_stats_player_success() - A tibble with 12 columns:

col_name	types	description
season	integer	Four-digit season year.
id	character	Record identifier.
name	character	Display name.
position	character	Position.
team	character	Team name.
conference	character	Conference name.
passing_plays	integer	Passing plays.
passing_successes	integer	Passing successes.
passing_success_rate	numeric	Passing success rate.
rushing_plays	integer	Rushing plays.
rushing_successes	integer	Rushing successes.
rushing_success_rate	numeric	Rushing success rate.

See Also

Other CFBD Stats Functions: [cfbd_stats_player_success_game\(\)](#)

Examples

```
try(cfbd_stats_player_success(year = 2024, team = "Georgia"))
```

cfbd_stats_player_success_game

Get player success rates by game

Description

Get player success rates by game Game-level player success-rate metrics.

Usage

```
cfbd_stats_player_success_game(  
  year,  
  week = NULL,  
  season_type = "regular",  
  conference = NULL,  
  team = NULL,  
  athlete_id = NULL,  
  threshold = NULL,  
  excl_garbage_time = NULL,  
  proxy = NULL  
)
```

Arguments

year	(<i>Integer</i> required): Season, 4 digits (YYYY). Minimum value accepted: 2013
week	(<i>Integer</i> optional): Week filter.
season_type	(<i>String</i> optional): Season type – regular, postseason, both, allstar, spring_regular or spring_postseason.
conference	(<i>String</i> optional): Conference abbreviation filter.
team	(<i>String</i> optional): Team filter.
athlete_id	(<i>Integer</i> optional): Player identifier.
threshold	(<i>Numeric</i> optional): Minimum success-rate threshold.
excl_garbage_time	(<i>Logical</i> optional): Exclude garbage-time plays.
proxy	(<i>List</i> optional): Per-call proxy override passed to <code>get_req()</code> . NULL (default) falls back to <code>getOption("cfbfastR.proxy")</code> and then the <code>http(s)_proxy</code> environment variables, so a caller can override the shared setting for one endpoint.

Value

`cfbd_stats_player_success_game()` - A tibble with 16 columns:

col_name	types	description
season	integer	Four-digit season year.
season_type	character	Season type (regular, postseason, both, allstar, spring_regular, spring_postseason).
week	integer	Week of the season.
game_id	integer	Referencing game id.
id	character	Record identifier.
name	character	Display name.
position	character	Position.
team	character	Team name.
conference	character	Conference name.
opponent	character	Opponent.
passing_plays	integer	Passing plays.
passing_successes	integer	Passing successes.
passing_success_rate	numeric	Passing success rate.
rushing_plays	integer	Rushing plays.
rushing_successes	integer	Rushing successes.
rushing_success_rate	numeric	Rushing success rate.

See Also

Other CFBD Stats Functions: `cfbd_stats_player_success()`

Examples

```
try(cfbd_stats_player_success_game(year = 2024, week = 5))
```

cfbd_stats_season_advanced

Get season advanced statistics by team

Description

Get season advanced statistics by team

Usage

```
cfbd_stats_season_advanced(
  year,
  team = NULL,
  excl_garbage_time = FALSE,
  start_week = NULL,
  end_week = NULL,
  division = NULL
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY) Minimum value accepted: 2001
team	(<i>String</i> optional): D-I Team
excl_garbage_time	(<i>Logical</i> default FALSE): Select whether to exclude Garbage Time (TRUE/FALSE)
start_week	(<i>Integer</i> optional): Starting Week - values range from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier
end_week	(<i>Integer</i> optional): Ending Week - values range from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier
division	(<i>String</i> optional): Division/classification filter – one of fbs, fcs, ii, ii/iii, iii. Sent to CFBD as classification.

Value

`cfbd_stats_season_advanced()` - A data frame with 82 variables:

col_name	types	description
season	integer	Season of the statistics.
team	character	Team name.
conference	character	Conference of the team.
off_plays	integer	Offense plays in the game.
off_drives	integer	Offense drives in the game.
off_ppa	double	Offense predicted points added (PPA).
off_total_ppa	double	Offense total predicted points added (PPA).

off_success_rate	double	Offense success rate.
off_explosiveness	double	Offense explosiveness rate.
off_power_success	double	Offense power success rate.
off_stuff_rate	double	Offense rushing stuff rate.
off_line_yds	double	Offensive line yards.
off_line_yds_total	integer	Offensive line yards total.
off_second_lvl_yds	double	Offense second-level yards.
off_second_lvl_yds_total	integer	Offense second-level yards total.
off_open_field_yds	integer	Offense open field yards.
off_open_field_yds_total	integer	Offense open field yards total.
off_total_opportunities	integer	Offense opportunities.
off_pts_per_opp	double	Offense points per scoring opportunity.
off_field_pos_avg_start	double	Offense starting average field position.
off_field_pos_avg_predicted_points	double	Offense starting average field position predicted points (PP).
off_havoc_total	double	Offense havoc rate total.
off_havoc_front_seven	double	Offense front-7 havoc rate.
off_havoc_db	double	Offense defensive back havoc rate.
off_standard_downs_rate	double	Offense standard downs rate.
off_standard_downs_ppa	double	Offense standard downs predicted points added (PPA).
off_standard_downs_success_rate	double	Offense standard downs success rate.
off_standard_downs_explosiveness	double	Offense standard downs explosiveness rate.
off_passing_downs_rate	double	Offense passing downs rate.
off_passing_downs_ppa	double	Offense passing downs predicted points added (PPA).
off_passing_downs_success_rate	double	Offense passing downs success rate.
off_passing_downs_explosiveness	double	Offense passing downs explosiveness rate.
off_rushing_plays_rate	double	Offense rushing plays rate.
off_rushing_plays_ppa	double	Offense rushing plays predicted points added (PPA).
off_rushing_plays_total_ppa	double	Offense rushing plays total predicted points added (PPA).
off_rushing_plays_success_rate	double	Offense rushing plays success rate.
off_rushing_plays_explosiveness	double	Offense rushing plays explosiveness rate.
off_passing_plays_rate	double	Offense passing plays rate.
off_passing_plays_ppa	double	Offense passing plays predicted points added (PPA).
off_passing_plays_total_ppa	double	Offense passing plays total predicted points added (PPA).
off_passing_plays_success_rate	double	Offense passing plays success rate.
off_passing_plays_explosiveness	double	Offense passing plays explosiveness rate.
def_plays	integer	Defense plays in the game.
def_drives	integer	Defense drives in the game.
def_ppa	double	Defense predicted points added (PPA).
def_total_ppa	double	Defense total predicted points added (PPA).
def_success_rate	double	Defense success rate.
def_explosiveness	double	Defense explosiveness rate.
def_power_success	double	Defense power success rate.
def_stuff_rate	double	Defense rushing stuff rate.
def_line_yds	double	Defense Offensive line yards allowed.
def_line_yds_total	integer	Defense Offensive line yards total allowed.
def_second_lvl_yds	double	Defense second-level yards.
def_second_lvl_yds_total	integer	Defense second-level yards total.
def_open_field_yds	integer	Defense open field yards.

def_open_field_yds_total	integer	Defense open field yards total.
def_total_opportunities	integer	Defense opportunities.
def_pts_per_opp	double	Defense points per scoring opportunity.
def_field_pos_avg_start	double	Defense starting average field position.
def_field_pos_avg_predicted_points	double	Defense starting average field position predicted points (PP).
def_havoc_total	double	Defense havoc rate total.
def_havoc_front_seven	double	Defense front-7 havoc rate.
def_havoc_db	double	Defense defensive back havoc rate.
def_standard_downs_rate	double	Defense standard downs rate.
def_standard_downs_ppa	double	Defense standard downs predicted points added (PPA).
def_standard_downs_success_rate	double	Defense standard downs success rate.
def_standard_downs_explosiveness	double	Defense standard downs explosiveness rate.
def_passing_downs_rate	double	Defense passing downs rate.
def_passing_downs_ppa	double	Defense passing downs predicted points added (PPA).
def_passing_downs_success_rate	double	Defense passing downs success rate.
def_passing_downs_explosiveness	double	Defense passing downs explosiveness rate.
def_rushing_plays_rate	double	Defense rushing plays rate.
def_rushing_plays_ppa	double	Defense rushing plays predicted points added (PPA).
def_rushing_plays_total_ppa	double	Defense rushing plays total predicted points added (PPA).
def_rushing_plays_success_rate	double	Defense rushing plays success rate.
def_rushing_plays_explosiveness	double	Defense rushing plays explosiveness rate.
def_passing_plays_rate	double	Defense passing plays rate.
def_passing_plays_ppa	double	Defense passing plays predicted points added (PPA).
def_passing_plays_total_ppa	double	Defense passing plays total predicted points added (PPA).
def_passing_plays_success_rate	double	Defense passing plays success rate.
def_passing_plays_explosiveness	double	Defense passing plays explosiveness rate.

See Also

Other CFBD Stats: [cfbd_stats_categories\(\)](#), [cfbd_stats_game_advanced\(\)](#), [cfbd_stats_game_havoc\(\)](#), [cfbd_stats_season_player\(\)](#), [cfbd_stats_season_team\(\)](#)

Examples

```
try(cfbd_stats_season_advanced(2019, team = "LSU"))
```

```
cfbd_stats_season_player
```

Get season statistics by player

Description

Get season statistics by player

Usage

```
cfbd_stats_season_player(
  year,
  season_type = "both",
  team = NULL,
  conference = NULL,
  start_week = NULL,
  end_week = NULL,
  category = NULL
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY) Minimum value accepted: 2004
season_type	(<i>String</i> default both): Season type - regular, postseason, both, allstar, spring_regular, spring_postseason
team	(<i>String</i> optional): D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC
start_week	(<i>Integer</i> optional): Starting Week - values range from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier
end_week	(<i>Integer</i> optional): Ending Week - values range from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier
category	(<i>String</i> optional): Category filter (e.g defensive) Offense: passing, receiving, rushing Defense: defensive, fumbles, interceptions Special Teams: punting, puntReturns, kicking, kickReturns

Value

`cfbd_stats_season_player()` - A data frame with 59 variables:

col_name	types	description
year	integer	Season of the player stats.
team	character	Team name.
conference	character	Conference of the team.
athlete_id	character	Athlete referencing id.
player	character	Player name.
position	character	Player position.
passing_completions	double	Passing completions.
passing_att	double	Passing attempts.
passing_pct	double	Passing completion percentage.
passing_yds	double	Passing yardage.
passing_td	double	Passing touchdowns.
passing_int	double	Passing interceptions.

passing_ypa	double	Passing yards per attempt.
rushing_car	double	Rushing yards per carry.
rushing_yds	double	Rushing yards total.
rushing_td	double	Rushing touchdowns.
rushing_ypc	double	Rushing yards per carry.
rushing_long	double	Rushing longest yardage attempt.
receiving_rec	double	Receiving - pass receptions.
receiving_yds	double	Receiving - pass reception yards.
receiving_td	double	Receiving - passing reception touchdowns.
receiving_ypr	double	Receiving - passing yards per reception.
receiving_long	double	Receiving - longest pass reception yardage.
fumbles_fum	double	Fumbles.
fumbles_rec	double	Fumbles recovered.
fumbles_lost	double	Fumbles lost.
defensive_solo	double	Defensive solo tackles.
defensive_tot	double	Defensive total tackles.
defensive_tfl	double	Defensive tackles for loss.
defensive_sacks	double	Defensive sacks.
defensive_qb_hur	double	Defensive quarterback hurries.
interceptions_int	double	Interceptions total.
interceptions_yds	double	Interception return yards.
interceptions_avg	double	Interception return yards average.
interceptions_td	double	Interception return touchdowns.
defensive_pd	double	Defense - passes defensed.
defensive_td	double	Defense - defensive touchdowns.
kicking_fgm	double	Kicking - field goals made.
kicking_fga	double	Kicking - field goals attempted.
kicking_pct	double	Kicking - field goal percentage.
kicking_xpa	double	Kicking - extra points attempted.
kicking_xpm	double	Kicking - extra points made.
kicking_pts	double	Kicking - total points.
kicking_long	double	Kicking - longest successful field goal attempt.
kick_returns_no	double	Kick Returns - number of kick returns.
kick_returns_yds	double	Kick Returns - kick return yards.
kick_returns_avg	double	Kick Returns - kick return average yards per return.
kick_returns_td	double	Kick Returns - kick return touchdowns.
kick_returns_long	double	Kick Returns - longest kick return yardage.
punting_no	double	Punting - number of punts.
punting_yds	double	Punting - punting yardage.
punting_ypp	double	Punting - yards per punt.
punting_long	double	Punting - longest punt yardage.
punting_in_20	double	Punting - punt downed inside the 20 yard line.
punting_tb	double	Punting - punt caused a touchback.
punt_returns_no	double	Punt Returns - number of punt returns.
punt_returns_yds	double	Punt Returns - punt return yardage total.
punt_returns_avg	double	Punt Returns - punt return average yards per return.
punt_returns_td	double	Punt Returns - punt return touchdowns.
punt_returns_long	double	Punt Returns - longest punt return yardage.

See Also

Other CFBD Stats: [cfbd_stats_categories\(\)](#), [cfbd_stats_game_advanced\(\)](#), [cfbd_stats_game_havoc\(\)](#), [cfbd_stats_season_advanced\(\)](#), [cfbd_stats_season_team\(\)](#)

Examples

```
try(cfbd_stats_season_player(year = 2018, conference = "B12", start_week = 1, end_week = 7))

try(cfbd_stats_season_player(2019, team = "LSU", category = "passing"))

try(cfbd_stats_season_player(2013, team = "Florida State", category = "passing"))
```

cfbd_stats_season_team
Get season statistics by team

Description

Get season statistics by team

Usage

```
cfbd_stats_season_team(  
  year,  
  season_type = "both",  
  team = NULL,  
  conference = NULL,  
  start_week = NULL,  
  end_week = NULL,  
  division = NULL  
)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY) Minimum value accepted: 1869
season_type	(<i>String</i> default: both): Select Season Type - regular, postseason, or both
team	(<i>String</i> optional): D-I Team
conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC

start_week	(<i>Integer</i> optional): Starting Week - values range from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier
end_week	(<i>Integer</i> optional): Ending Week - values range from 1-15, 1-14 for seasons pre-playoff, i.e. 2013 or earlier
division	(<i>String</i> optional): Division/classification filter – one of fbs, fcs, ii, ii/iii, iii. Sent to CFBD as classification.

Value

`cfbd_stats_season_team()` - A data frame with 32 variables:

col_name	types	description
season	integer	Season for stats.
team	character	Team name.
conference	character	Conference of team.
games	integer	Number of games.
time_of_poss_total	integer	Time of possession total.
time_of_poss_pg	double	Time of possession per game.
pass_comps	integer	Total number of pass completions.
pass_atts	integer	Total number of pass attempts.
completion_pct	double	Passing completion percentage.
net_pass_yds	integer	Net passing yards.
pass_ypa	double	Passing yards per attempt.
pass_ypr	double	Passing yards per reception.
pass_TDs	integer	Passing touchdowns.
interceptions	integer	Passing interceptions.
int_pct	double	Interception percentage (of attempts).
rush_atts	integer	Rushing attempts.
rush_yds	integer	Rushing yards.
rush_TDs	integer	Rushing touchdowns.
rush_ypc	double	Rushing yards per carry.
total_yds	integer	Rushing total yards.
fumbles_lost	integer	Fumbles lost.
turnovers	integer	Turnovers total.
turnovers_pg	double	Turnovers per game.
first_downs	integer	Number of first downs.
third_downs	integer	Number of third downs.
third_down_convs	integer	Number of third down conversions.
third_conv_rate	double	Third down conversion rate.
fourth_down_convs	integer	Fourth down conversions.
fourth_downs	integer	Fourth downs.
fourth_conv_rate	double	Fourth down conversion rate.
penalties	integer	Total number of penalties.
penalty_yds	integer	Penalty yards total.
penalties_pg	double	Penalties per game.
penalty_yds_pg	double	Penalty yardage per game.
yards_per_penalty	double	Average yards per penalty.
kick_returns	integer	Number of kick returns.

kick_return_yds	integer	Total kick return yards.
kick_return_TDs	integer	Total kick return touchdowns.
kick_return_avg	double	Kick return yards average.
punt_returns	integer	Number of punt returns.
punt_return_yds	integer	Punt return total yards.
punt_return_TDs	integer	Punt return total touchdowns.
punt_return_avg	double	Punt return yards average.
passes_intercepted	integer	Passes intercepted.
passes_intercepted_yds	integer	Pass interception return yards.
passes_intercepted_TDs	integer	Pass interception return touchdowns.

See Also

Other CFBD Stats: [cfbd_stats_categories\(\)](#), [cfbd_stats_game_advanced\(\)](#), [cfbd_stats_game_havoc\(\)](#), [cfbd_stats_season_advanced\(\)](#), [cfbd_stats_season_player\(\)](#)

Examples

```
try(cfbd_stats_season_team(year = 2018, conference = "B12", start_week = 1, end_week = 8))

try(cfbd_stats_season_team(2019, team = "LSU"))

try(cfbd_stats_season_team(2013, team = "Florida State"))
```

cfbd_teams	CFBD Teams Endpoint Overview
------------	-------------------------------------

Description

- `cfbd_team_info()`: Team Info Lookup.
- `cfbd_team_roster()`: Get a team's full roster by year.
- `cfbd_team_talent()`: Get composite team talent rankings for all teams in a given year.
- `cfbd_team_matchup_records()`: Get matchup history records between two teams.
- `cfbd_team_matchup()`: Get matchup history between two teams.
- `cfbd_teams_fbs()`: Get every FBS team for a season.

Team info lookup:

Lists all teams in conference or all D-I teams if conference is left NULL. Currently, support is only provided for D-I

```
cfbd_team_info(conference = "SEC")

cfbd_team_info(conference = "Ind")

cfbd_team_info(year = 2019)
```

Get team rosters:

It is now possible to access yearly rosters:

```
cfbd_team_roster(year = 2020)
```

Get a teams full roster by year. If team is not selected, API returns rosters for every team from the selected year.:

```
cfbd_team_roster(year = 2013, team = "Florida State")
```

Get composite team talent rankings:

Extracts team talent composite for all teams in a given year as sourced from 247 rankings

```
cfbd_team_talent()
```

```
cfbd_team_talent(year = 2018)
```

Get matchup history between two teams.:

```
cfbd_team_matchup("Texas A&M", "TCU")
```

```
cfbd_team_matchup("Texas A&M", "TCU", min_year = 1975)
```

```
cfbd_team_matchup("Florida State", "Florida", min_year = 1975)
```

Get matchup history records between two teams.:

```
cfbd_team_matchup_records("Texas", "Oklahoma")
```

```
cfbd_team_matchup_records("Texas A&M", "TCU", min_year = 1975)
```

Get FBS teams:

```
cfbd_teams_fbs(year = 2024)
```

cfbd_teams_fbs	Get FBS teams
----------------	----------------------

Description

Get FBS teams Every FBS team for a season.

Usage

```
cfbd_teams_fbs(year = NULL, proxy = NULL)
```

Arguments

- year (Integer optional): Season, 4 digits (YYYY). Minimum value accepted: 1869
- proxy (List optional): Per-call proxy override passed to get_req(). NULL (default) falls back to getOption("cfbfastR.proxy") and then the http(s)_proxy environment variables, so a caller can override the shared setting for one endpoint.

Value

`cfbd_teams_fbs()` - A tibble with 43 columns:

col_name	types	description
id	integer	Record identifier.
school	character	School name.
mascot	character	Team mascot.
abbreviation	character	Abbreviation.
alternate_names_1	character	First alternate team name.
alternate_names_2	character	Second alternate team name.
alternate_names_3	character	Third alternate team name.
conference	character	Conference name.
division	character	Division.
classification	character	Division classification (fbs, fcs, ii, ii/iii, iii).
color	character	Primary team color (hex).
alternate_color	character	Alternate color.
logos_1	character	Primary team logo URL.
logos_2	character	Alternate (dark) team logo URL.
logos_3	character	Logos 3.
logos_4	character	Logos 4.
logos_5	character	Logos 5.
logos_6	character	Logos 6.
logos_7	character	Logos 7.
logos_8	character	Logos 8.
logos_9	character	Logos 9.
logos_10	character	Logos 10.
logos_11	character	Logos 11.
logos_12	character	Logos 12.
logos_13	character	Logos 13.
logos_14	character	Logos 14.
logos_15	character	Logos 15.
logos_16	character	Logos 16.
twitter	character	Team Twitter/X handle.
location_id	integer	Venue identifier.
location_name	character	Venue name.
location_city	character	Venue city.
location_state	character	Venue state.
location_zip	character	Venue zip.
location_country_code	character	Venue country code.
location_timezone	character	Venue timezone.
location_latitude	numeric	Venue latitude.
location_longitude	numeric	Venue longitude.
location_elevation	character	Venue elevation.
location_capacity	integer	Venue capacity.
location_construction_year	integer	Venue construction year.
location_grass	logical	Venue grass.
location_dome	logical	Venue dome.

Examples

```
try(cfbd_teams_fbs(year = 2024))
```

cfbd_team_info	Team info lookup
----------------	------------------

Description

Team info lookup

Usage

```
cfbd_team_info(  
  conference = NULL,  
  only_fbs = TRUE,  
  year = most_recent_cfb_season()  
)
```

Arguments

conference	(<i>String</i> optional): Conference abbreviation - Select a valid FBS conference Conference abbreviations P5: ACC, B12, B1G, SEC, PAC, Conference abbreviations G5 and FBS Independents: CUSA, MAC, MWC, Ind, SBC, AAC Required if year not provided
only_fbs	(<i>Logical</i> default TRUE): Filter for only returning FBS teams for a given year. If year is left blank while only_fbs is TRUE, then will return values for most current year
year	(<i>Integer</i> optional): Year, 4 digit format (YYYY). Filter for getting a list of major division team for a given year. Required if conference not provided and the year parameter is only supported if only_fbs is TRUE. Minimum value accepted: 1869

Value

cfbd_team_info() - A data frame with 27 variables:

col_name	types	description
team_id	integer	Referencing team id.
school	character	Team name.
mascot	character	Team mascot.
abbreviation	character	Team abbreviations.
alt_name1	character	Team alternate name 1 (as it appears in play_text).
alt_name2	character	Team alternate name 2 (as it appears in play_text).
alt_name3	character	Team alternate name 3 (as it appears in play_text).
conference	character	Conference of team.

division	character	Division of team within the conference.
classification	character	Conference classification (fbs, fcs, ii, iii).
color	character	Team color (primary).
alt_color	character	Team color (alternate).
logos	character	Team logos.
venue_id	character	Referencing venue id.
venue_name	character	Stadium name.
city	character	Team/venue city.
state	character	Team/venue state.
zip	character	Team/venue zip code.
country_code	character	Team/venue country code.
timezone	character	Team/venue timezone.
latitude	numeric	Venue latitude.
longitude	numeric	Venue longitude.
elevation	numeric	Venue elevation.
capacity	integer	Venue capacity.
year_constructed	integer	Year the venue was constructed.
grass	logical	TRUE/FALSE response on whether the field is grass or not.
dome	logical	TRUE/FALSE flag for if the venue is a domed stadium.

See Also

Other CFBD Teams: [cfbd_team_matchup\(\)](#), [cfbd_team_matchup_records\(\)](#), [cfbd_team_roster\(\)](#), [cfbd_team_talent\(\)](#)

Examples

```
try(cfbd_team_info(conference = "SEC"))

try(cfbd_team_info(conference = "Ind"))

try(cfbd_team_info(year = 2019))
```

cfbd_team_matchup	Get matchup history between two teams.
-------------------	---

Description

Get matchup history between two teams.

Usage

```
cfbd_team_matchup(team1, team2, min_year = NULL, max_year = NULL)
```

Arguments

team1	(<i>String</i> required): D-I Team 1
team2	(<i>String</i> required): D-I Team 2
min_year	(<i>Integer</i> optional): Minimum of year range, 4 digit format (YYYY)
max_year	(<i>Integer</i> optional): Maximum of year range, 4 digit format (YYYY)

Value

[cfbd_team_matchup](#) - A data frame with 11 variables:

col_name	types	description
season	integer	Season the game took place.
week	integer	Game week of the season.
season_type	character	Season type of the game.
date	character	Game date.
neutral_site	logical	TRUE/FALSE flag for if the game took place at a neutral site.
venue	character	Stadium name.
home_team	character	Home team of the game.
home_score	integer	Home score in the game.
away_team	character	Away team of the game.
away_score	integer	Away score in the game.
winner	character	Winner of the matchup.

See Also

Other CFBD Teams: [cfbd_team_info\(\)](#), [cfbd_team_matchup_records\(\)](#), [cfbd_team_roster\(\)](#), [cfbd_team_talent\(\)](#)

Examples

```
try(cfbd_team_matchup("Texas", "Oklahoma"))

try(cfbd_team_matchup("Texas A&M", "TCU"))

try(cfbd_team_matchup("Texas A&M", "TCU", min_year = 1975))

try(cfbd_team_matchup("Florida State", "Florida", min_year = 1975))
```

cfbd_team_matchup_records

Get matchup history records between two teams.

Description

Get matchup history records between two teams.

Usage

```
cfbd_team_matchup_records(team1, team2, min_year = NULL, max_year = NULL)
```

Arguments

team1	(<i>String</i> required): D-I Team 1
team2	(<i>String</i> required): D-I Team 2
min_year	(<i>Integer</i> optional): Minimum of year range, 4 digit format (YYYY)
max_year	(<i>Integer</i> optional): Maximum of year range, 4 digit format (YYYY)

Value

`cfbd_team_matchup_records()` - A data frame with 7 variables:

col_name	types	description
start_year	integer	Span starting year.
end_year	integer	Span ending year.
team1	character	First team selected in query.
team1_wins	integer	First team wins in series against team2.
team2	character	Second team selected in query.
team2_wins	integer	Second team wins in series against team1.
ties	integer	Number of ties in the series.

See Also

Other CFBD Teams: `cfbd_team_info()`, `cfbd_team_matchup()`, `cfbd_team_roster()`, `cfbd_team_talent()`

Examples

```
try(cfbd_team_matchup_records("Texas", "Oklahoma"))
```

```
try(cfbd_team_matchup_records("Texas A&M", "TCU", min_year = 1975))
```

cfbd_team_roster	Get team rosters
------------------	-------------------------

Description

Get a teams full roster by year. If team is not selected, API returns rosters for every team from the selected year.

Usage

```
cfbd_team_roster(year, team = NULL, division = NULL)
```

Arguments

year	(<i>Integer</i> required): Year, 4 digit format (YYYY) Minimum value accepted: 2004
team	(<i>String</i> optional): Team, select a valid team in D-I football
division	(<i>String</i> optional): Division/classification filter – one of fbs, fcs, ii, ii/iii, iii. Sent to CFBD as classification.

Value

`cfbd_team_roster()` - A data frame with 16 variables:

col_name	types	description
athlete_id	character	Referencing athlete id.
first_name	character	Athlete first name.
last_name	character	Athlete last name.
team	character	Team name.
weight	integer	Athlete weight (lbs).
height	integer	Athlete height (inches).
jersey	integer	Athlete jersey number.
year	integer	Athlete year.
position	character	Athlete position.
home_city	character	Hometown of the athlete.
home_state	character	Hometown state of the athlete.
home_country	character	Hometown country of the athlete.
home_latitude	numeric	Hometown latitude.
home_longitude	numeric	Hometown longitude.
home_county_fips	integer	Hometown FIPS code.
headshot_url	character	Player ESPN headshot url.

See Also

Other CFBD Teams: [cfbd_team_info\(\)](#), [cfbd_team_matchup\(\)](#), [cfbd_team_matchup_records\(\)](#), [cfbd_team_talent\(\)](#)

Examples

```
try(cfbd_team_roster(year = 2013, team = "Florida State"))
```

cfbd_team_talent	Get composite team talent rankings for all teams in a given year
------------------	---

Description

Extracts team talent composite as sourced from 247 rankings

Usage

```
cfbd_team_talent(year = most_recent_cfb_season())
```

Arguments

year (*Integer* optional): Year 4 digit format (YYYY)
Minimum value accepted: 2015

Value

`cfbd_team_talent()` - A data frame with 3 variables:

col_name	types	description
year	integer	Season for the talent rating.
school	character	Team name.
talent	numeric	Overall roster talent points (as determined by 247Sports).

See Also

Other CFBD Teams: [cfbd_team_info\(\)](#), [cfbd_team_matchup\(\)](#), [cfbd_team_matchup_records\(\)](#), [cfbd_team_roster\(\)](#)

Examples

```
try(cfbd_team_talent())  
  
try(cfbd_team_talent(year = 2018))
```

cfbd_venues

CFBD Venues Endpoint Overview**Description**

- `cfbd_venues()`: Pulls all college football venues and data on capacity, grass, city/state, location, elevation, dome, timezone and construction year.

Pulls all college football venues and data on capacity, grass, city/state, location, elevation, dome, timezone and construction year.

Usage

```
cfbd_venues()
```

Details**CFB Venue Information:**

```
cfbd_venues()
```

CFB Venue Information

```
cfbd_venues()
```

Value

A data frame with 337 rows and 14 variables:

col_name	types	description
venue_id	integer	Referencing venue ID.
name	character	Venue name.
capacity	integer	Stadium capacity.
grass	logical	TRUE/FALSE response on whether the field is grass or not.
city	character	Venue city.
state	character	Venue state.
zip	character	Venue zip code.
country_code	character	Venue country code.
latitude	numeric	Venue latitude in decimal degrees.
longitude	numeric	Venue longitude in decimal degrees.
elevation	character	Venue elevation above sea level.
year_constructed	integer	Year in which the venue was constructed.
dome	logical	TRUE/FALSE response to whether the venue has a dome or not.
timezone	character	Time zone in which the venue resides (i.e. Eastern Time -> "America/New_York").

Examples

```
try(cfbd_venues())
```

csv_from_url	Load .csv / .csv.gz file from a remote connection
--------------	---

Description

This is a thin wrapper on data.table::fread

Usage

```
csv_from_url(...)
```

Arguments

... passed to data.table::fread

data	Data in the package for reference
------	-----------------------------------

Description

- Data in the package for reference**
- College Football Mapping for Play Types**
- College Football Conferences**
- Minimum Season Accepted by Year-Taking Functions**

Usage

```
cfbd_play_type_df  
  
cfbd_conf_types_df  
  
min_year_map_df
```

Format

- A data frame with 45 rows and 3 variables:
- id: Referencing play id
 - text: play type description
 - abbreviation: play type abbreviation used for function call
- A data frame with 11 rows and 4 variables:
- id: Referencing conference id
 - name: Conference name

- short_name: Short name for Conference
- abbreviation: Conference abbreviation

A data frame with 85 rows and 4 variables:

- function_name: Exported cfbfastR function taking a year argument
- min_year: Earliest season the endpoint returns data for
- last_updated: Date the minimum was last verified against the API
- inherit_min_from: Function this minimum was inherited from, or NA if probed directly

Details

Generated by data-raw/min_year_map_df.R, which walks every exported function taking a year argument and probes backwards for the earliest season returning rows. Values are surfaced in each function's @param year documentation, so they are only as current as the last devtools::document() run following an update of this table.

espn_cfb_award	ESPN College Football Award Detail
----------------	---

Description

Get the ESPN core-v2 detail record for a single college football award in a given season – name, description, history, and the athlete (and team) that won it.

Usage

```
espn_cfb_award(award_id = NULL, year = NULL, team_detail = TRUE)
```

Arguments

award_id	(Integer required): ESPN award id.
year	(Integer required): Season, 4 digit format (YYYY). Minimum value accepted: 1935
team_detail	(Logical): when TRUE (default), the ESPN team catalog (espn_cfb_teams()) is fetched once and friendly team fields are joined in next to the team_id column. The sibling columns team_name, team_abbreviation, team_location, team_display_name, team_short_display_name, team_nickname, team_color, team_alternate_color, team_logo_href, team_logo_dark_href are inserted immediately after team_id. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join, reproducing the prior output exactly.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/season/{season}/awards`. `espn_cfb_awards()` returns the season award index; this wrapper returns the single-award detail (including the long-form history text) for one id. Returns one row per (award x winner) – most awards have a single winner, so the table is typically one row. An award with no winner recorded yet still contributes one row with `athlete_id/team_id` left NA. Winners are returned as ESPN athlete and team ids only – join to an athlete source for names. Enumerate award_ids with `espn_cfb_awards()`.

Value

A data frame with one row per award-winner:

col_name	types	description
season	integer	Season (4-digit year) queried.
award_id	character	ESPN award id.
name	character	Award name (e.g. Buck Buchanan Award).
description	character	ESPN's short description of the award.
history	character	ESPN's long-form history text for the award.
athlete_id	character	ESPN id of the winning athlete (parsed from <code>athlete_ref</code>); NA if none.
team_id	character	ESPN id of the winner's team (parsed from <code>team_ref</code>); NA if none.
team_name	character	Team nickname; <code>team_detail = TRUE</code> only.
team_abbreviation	character	Team abbreviation; <code>team_detail = TRUE</code> only.
team_location	character	Team location / school name; <code>team_detail = TRUE</code> only.
team_display_name	character	Full team display name; <code>team_detail = TRUE</code> only.
team_short_display_name	character	Short team display name; <code>team_detail = TRUE</code> only.
team_nickname	character	Team nickname label; <code>team_detail = TRUE</code> only.
team_color	character	Primary team color; <code>team_detail = TRUE</code> only.
team_alterate_color	character	Alternate team color; <code>team_detail = TRUE</code> only.
team_logo_href	character	Default team logo URL; <code>team_detail = TRUE</code> only.
team_logo_dark_href	character	Dark-variant team logo URL; <code>team_detail = TRUE</code> only.
award_ref	character	<code>\$ref</code> URL to the award resource.
athlete_ref	character	<code>\$ref</code> URL to the winning athlete resource (may be NA).
team_ref	character	<code>\$ref</code> URL to the winner's team resource (may be NA).

See Also

Other ESPN CFB Functions: `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_linescores()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`,

espn_cfb_player_seasons(), espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_players(), espn_cfb_position(), espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(), espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(), espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(), espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(), espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(), espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

Examples

```
try(espn_cfb_award(award_id = 1, year = 2024))
try(espn_cfb_award(award_id = 1, year = 2024, team_detail = FALSE))
```

espn_cfb_awards	ESPN College Football Awards
-----------------	------------------------------

Description

Get ESPN’s college football awards for a season – the Heisman, position and player-of-the-year honors, and the athlete (and team) that won each.

Usage

```
espn_cfb_awards(year = NULL, team_detail = TRUE)
```

Arguments

- year (Integer required): Season, 4 digit format (YYYY). Minimum value accepted: 1935
- team_detail (Logical): when TRUE (default), the ESPN team catalog (espn_cfb_teams()) is fetched once and friendly team fields are joined in next to the team_id column. The sibling columns team_name, team_abbreviation, team_location, team_display_name, team_short_display_name, team_nickname, team_color, team_alternate_color, team_logo_href, team_logo_dark_href are inserted immediately after team_id. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join, reproducing the prior output exactly.

Details

Wraps the ESPN core-v2 endpoint sports.core.api.espn.com/v2/sports/football/leagues/college-football/season. The index returns one \$ref per award (~32); this wrapper dereferences each and returns one row per (award x winner). Most awards have a single winner, so the table is roughly one row per award. Winners are returned as ESPN athlete ids (and team ids) only – join to an athlete source for names. An award with no winner recorded yet still contributes one row with athlete_id/team_id left NA.

Value

A data frame with one row per award-winner:

col_name	types	description
season	integer	Season (4-digit year).
award_id	character	ESPN award id.
name	character	Award name (e.g. Heisman Trophy).
description	character	ESPN's description of the award.
athlete_id	character	ESPN id of the winning athlete (parsed from athlete_ref); NA if none.
team_id	character	ESPN id of the winner's team (parsed from team_ref); NA if none.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alterate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
award_ref	character	\$ref URL to the award resource.
athlete_ref	character	\$ref URL to the winning athlete resource (may be NA).
team_ref	character	\$ref URL to the winner's team resource (may be NA).

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_s](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_awards(year = 2024))
try(espn_cfb_awards(year = 2024, team_detail = FALSE))
```

espn_cfb_calendar	<i>ESPN Calendar</i>
-------------------	----------------------

Description

look up the men's college football calendar for a given season

Usage

```
espn_cfb_calendar(year = NULL, groups = NULL)
```

Arguments

year	(int): Used to define different seasons. Minimum value accepted: 1999
groups	(string): Used to define different divisions. FBS or FCS.

Value

`espn_cfb_calendar()` - A data frame with 8 variables:

- season: character: .
- season_type: character: .
- label: character: .
- alternate_label: character: .
- detail: character: .
- week: character: .
- start_date: character: .
- end_date: character: .

Examples

```
try(espn_cfb_calendar(2021))
```

Description

- `espn_cfb_award()`: Get the ESPN core-v2 detail record for a single college football award in a given season – name, description, history, and the athlete (and team) that won it.
- `espn_cfb_awards()`: Get ESPN’s college football awards for a season – the Heisman, position and player-of-the-year honors, and the athlete (and team) that won each.
- `espn_cfb_coach()`: Get the ESPN core-v2 detail record for a single college football coach – name, the team coached in the requested season, and a count of career-record and coach-season entries ESPN has on file.
- `espn_cfb_coach_record()`: Get a college football coach’s win/loss record for a single season – the headline summary plus every stat category ESPN publishes for that coach-season.
- `espn_cfb_coaches()`: Get every head coach ESPN tracks for a college football season, with their name, ESPN ids, and the team they coached that year.
- `espn_cfb_franchise()`: Get the ESPN core-v2 detail record for a single college football franchise – location, nickname, abbreviation, color, the associated venue and current team, and active status.
- `espn_cfb_franchises()`: Get the catalog of college football franchises ESPN tracks – the stable program identities that underpin ESPN’s team resources.
- `espn_cfb_position()`: Get the ESPN core-v2 detail record for a single college football player position – name, display name, abbreviation, leaf flag, and the parent position id.
- `espn_cfb_positions()`: Get the catalog of player positions ESPN tracks for college football – the position names, abbreviations, and ids used throughout ESPN’s athlete and roster resources.
- `espn_cfb_venue()`: Get the ESPN core-v2 detail record for a single college football venue – full name, address, playing-surface and indoor flags.
- `espn_cfb_venues()`: Get the catalog of stadiums and venues ESPN tracks for college football, with location, capacity-related flags, and addresses.
- `espn_cfb_clear_cache()`: Clear the cfbfastR ESPN catalog cache – forget the memoised team and position lookups so the next call re-fetches them from ESPN.

Details

ESPN College Football Award Detail:

```
espn_cfb_award(award_id = 1, year = 2024)
```

ESPN College Football Awards:

```
espn_cfb_awards(year = 2024)
```

ESPN College Football Coach Detail:

```
espn_cfb_coach(coach_id = 5120149, year = 2024)
```

ESPN College Football Coach Season Record:

```
espn_cfb_coach_record(coach_id = 5120149, year = 2024)
```

ESPN College Football Coaches Index:

```
espn_cfb_coaches(year = 2024)
```

ESPN College Football Franchise Detail:

```
espn_cfb_franchise(franchise_id = 2)
```

ESPN College Football Franchises Index:

```
espn_cfb_franchises()
```

ESPN College Football Position Detail:

```
espn_cfb_position(position_id = 8)
```

ESPN College Football Positions Index:

```
espn_cfb_positions()
```

ESPN College Football Venue Detail:

```
espn_cfb_venue(venue_id = 3785)
```

ESPN College Football Venues Index:

```
espn_cfb_venues(max_results = 50)
```

Clear the cfbfastR ESPN catalog cache:

```
espn_cfb_clear_cache()
```

espn_cfb_clear_cache Clear the cfbfastR ESPN catalog cache

Description

The ESPN college football game wrappers enrich their output with team and position detail drawn from two static catalogs – [espn_cfb_teams\(\)](#) (~750 teams) and [espn_cfb_positions\(\)](#) (~74 positions). Because those catalogs do not change often, the internal lookups built from them are memoised with `cachem + memoise`, so a loop over many games does not re-hit ESPN for the catalogs on every call.

`espn_cfb_clear_cache()` forgets those memoised lookups. The next wrapper call that needs a catalog will fetch a fresh copy from ESPN. Use it when you want to force a refresh – for example after a long-running session, or when debugging.

Usage

```
espn_cfb_clear_cache()
```

Details**Clear the cfbfastR ESPN catalog cache**

Caching is configured at package load via two options():

- `cfbfastR.cache` – cache backend. One of "memory" (default; in-memory `cachem::cache_mem()`, cleared when the session ends), "filesystem" (persistent on-disk `cachem::cache_disk()` under [tools::R_user_dir\(\)](#)), or "off" (no memoisation – every catalog fetch hits ESPN).
- `cfbfastR.cache_duration` – cache time-to-live in seconds. Defaults to 86400 (24 hours).

Set these with [options\(\)](#) *before* the package is loaded, e.g. `options(cfbfastR.cache = "filesystem")`. When `cfbfastR.cache` is "off", the catalog helpers are never memoised and `espn_cfb_clear_cache()` is a no-op (it still returns invisibly without error).

Value

Invisibly returns NULL. Called for its side effect of forgetting the memoised catalog lookups.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#),

```
espn_cfb_player_eventlog(), espn_cfb_player_gamelog(), espn_cfb_player_overview(),
espn_cfb_player_seasons(), espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_players(),
espn_cfb_position(), espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(),
espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(),
espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()
```

Examples

```
# Force the team / position catalogs to be re-fetched on next use
espn_cfb_clear_cache()
```

espn_cfb_coach	ESPN College Football Coach Detail
----------------	------------------------------------

Description

Get the ESPN core-v2 detail record for a single college football coach – name, the team coached in the requested season, and a count of career-record and coach-season entries ESPN has on file.

Usage

```
espn_cfb_coach(coach_id = NULL, year = NULL, team_detail = TRUE)
```

Arguments

coach_id	(Integer required): ESPN coach id.
year	(Integer required): Season, 4 digit format (YYYY). Used to resolve the team the coach led that season. Minimum value accepted: 2001
team_detail	(Logical): when TRUE (default), the ESPN team catalog (espn_cfb_teams()) is fetched once and friendly team fields are joined in next to the team_id column. The sibling columns team_name, team_abbreviation, team_location, team_display_name, team_short_display_name, team_nickname, team_color, team_alternate_color, team_logo_href, team_logo_dark_href are inserted immediately after team_id. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join, reproducing the prior output exactly.

Details

Wraps two ESPN core-v2 endpoints and merges them: the season-scoped coach resource seasons/{year}/coaches/{coach_id} (supplies the team coached that season) and the league-wide coach resource coaches/{coach_id} (supplies the career-record and coach-season counts). Returns a single-row tibble. Enumerate coach_ids with [espn_cfb_coaches\(\)](#).

Value

A single-row data frame:

col_name	types	description
coach_id	character	ESPN coach id.
season	integer	Season (4-digit year) queried.
first_name	character	Coach first name.
last_name	character	Coach last name.
uid	character	ESPN coach UID string.
team_id	character	ESPN id of the team coached that season (parsed from team_ref).
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alterate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
n_career_records	integer	Number of career-record entries ESPN has on file.
n_coach_seasons	integer	Number of coach-season entries ESPN has on file.
team_ref	character	\$ref URL to the per-season team resource.
person_ref	character	\$ref URL to the league-wide coach (person) resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_s](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_coach(coach_id = 5120149, year = 2024))
```

```
try(espn_cfb_coach(coach_id = 5120149, year = 2024, team_detail = FALSE))
```

espn_cfb_coaches	ESPN College Football Coaches Index
------------------	-------------------------------------

Description

Get every head coach ESPN tracks for a college football season, with their name, ESPN ids, and the team they coached that year.

Usage

```
espn_cfb_coaches(year = NULL, team_detail = TRUE)
```

Arguments

- year *(Integer required)*: Season, 4 digit format (YYYY).
Minimum value accepted: 2001
- team_detail *(Logical)*: when TRUE (default), the ESPN team catalog ([espn_cfb_teams\(\)](#)) is fetched once and friendly team fields are joined in next to the team_id column. The sibling columns team_name, team_abbreviation, team_location, team_display_name, team_short_display_name, team_nickname, team_color, team_alternate_color, team_logo_href, team_logo_dark_href are inserted immediately after team_id. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join, reproducing the prior output exactly.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/seasons/$ref`. The index is \$ref-paginated (~268 coaches across three pages); this wrapper walks every page and dereferences each coach \$ref, returning one row per coach. The coach_id column is the value [espn_cfb_coach\(\)](#) accepts for the full per-coach detail (date of birth, birthplace, career-record / coach-season counts).

Value

A data frame with one row per coach:

col_name	types	description
season	integer	Season (4-digit year).
coach_id	character	ESPN coach id.
first_name	character	Coach first name.
last_name	character	Coach last name.
team_id	character	ESPN id of the team coached that season (parsed from team_ref).
team_name	character	Team nickname; team_detail = TRUE only.

team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alterate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
coach_ref	character	\$ref URL to the season-scoped coach resource.
person_ref	character	\$ref URL to the league-wide coach (person) resource.
team_ref	character	\$ref URL to the per-season team resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_coaches(year = 2024))
try(espn_cfb_coaches(year = 2024, team_detail = FALSE))
```

espn_cfb_coach_record **ESPN College Football Coach Season Record**

Description

Get a college football coach's win/loss record for a single season – the headline summary plus every stat category ESPN publishes for that coach-season (wins, losses, ties, overtime wins/losses), in long format.


```
espn_cfb_game_team_records(), espn_cfb_game_team_roster(), espn_cfb_game_team_statistics(),
espn_cfb_game_teams(), espn_cfb_groups(), espn_cfb_pbp_v2(), espn_cfb_player(), espn_cfb_player_career_s
espn_cfb_player_eventlog(), espn_cfb_player_gamelog(), espn_cfb_player_overview(),
espn_cfb_player_seasons(), espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_players(),
espn_cfb_position(), espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(),
espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(),
espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()
```

Examples

```
try(espn_cfb_coach_record(coach_id = 5120149, year = 2024))
```

espn_cfb_franchise	ESPN College Football Franchise Detail
--------------------	--

Description

Get the ESPN core-v2 detail record for a single college football franchise – location, nickname, abbreviation, color, the associated venue and current team, and active status.

Usage

```
espn_cfb_franchise(franchise_id = NULL, team_detail = TRUE)
```

Arguments

- franchise_id (Integer required): ESPN franchise id.
- team_detail (Logical): when TRUE (default), the ESPN team catalog ([espn_cfb_teams\(\)](#)) is fetched once and friendly team fields are joined in next to the team_id column. The sibling columns team_name, team_abbreviation, team_location, team_display_name, team_short_display_name, team_nickname, team_color, team_alternate_color, team_logo_href, team_logo_dark_href are inserted immediately after team_id. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join, reproducing the prior output exactly.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/franchise/{franchise_id}`. A franchise is the stable program identity, distinct from /teams (which is season-scoped). Returns a single-row tibble. Enumerate franchise_ids with [espn_cfb_franchises\(\)](#).

Value

A single-row data frame:

col_name	types	description
franchise_id	character	ESPN franchise id.
uid	character	ESPN franchise UID string.
slug	character	Franchise slug (e.g. auburn-tigers).
location	character	Franchise location (e.g. Auburn).
name	character	Franchise name (e.g. Tigers).
nickname	character	Franchise nickname (e.g. Auburn).
abbreviation	character	Franchise abbreviation (e.g. AUB).
display_name	character	Full display name (e.g. Auburn Tigers).
short_display_name	character	Short display name (e.g. Auburn).
color	character	Primary team color (hex, no #).
is_active	logical	TRUE if the franchise is currently active.
venue_id	character	ESPN id of the franchise's venue (NA if none).
venue_name	character	Full name of the franchise's venue.
team_id	character	ESPN id of the current team (parsed from team_ref).
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
team_ref	character	\$ref URL to the current team-in-season resource.
franchise_ref	character	\$ref URL to the franchise resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#),

[espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_franchise(franchise_id = 2))
try(espn_cfb_franchise(franchise_id = 2, team_detail = FALSE))
```

espn_cfb_franchises	ESPN College Football Franchises Index
---------------------	--

Description

Get the catalog of college football franchises ESPN tracks – the stable program identities (~797) that underpin ESPN’s team resources.

Usage

```
espn_cfb_franchises()
```

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/franchise`. A franchise is the stable program identity, distinct from `/teams` (which is season-scoped). The index is `$ref`-paginated and large (~797 franchises); dereferencing every franchise would be hundreds of HTTP calls, so this wrapper returns the lightweight index instead – one row per franchise with the `franchise_id` parsed from each `$ref`. Pass an id to [espn_cfb_franchise\(\)](#) to dereference the full detail record (slug, location, nickname, division, venue, colors, logos).

Value

A data frame with one row per franchise:

col_name	types	description
franchise_id	character	ESPN franchise id (parsed from <code>franchise_ref</code>).
franchise_ref	character	<code>\$ref</code> URL to the franchise detail resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#),

espn_cfb_game_status(), espn_cfb_game_team_leaders(), espn_cfb_game_team_linescores(),
espn_cfb_game_team_records(), espn_cfb_game_team_roster(), espn_cfb_game_team_statistics(),
espn_cfb_game_teams(), espn_cfb_groups(), espn_cfb_pbp_v2(), espn_cfb_player(), espn_cfb_player_career_s
espn_cfb_player_eventlog(), espn_cfb_player_gamelog(), espn_cfb_player_overview(),
espn_cfb_player_seasons(), espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_players(),
espn_cfb_position(), espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(),
espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(),
espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

Examples

```
try(espn_cfb_franchises())
```

espn_cfb_futures	ESPN College Football Betting Futures (Long Format)
------------------	---

Description

Get ESPN’s full futures-betting board for a college football season – national championship, conference, and award markets with the American odds each sportsbook is offering on every team or player.

Usage

```
espn_cfb_futures(year = NULL)
```

Arguments

year (*Integer* required): Season, 4 digit format (YYYY).
Minimum value accepted: 2014

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/season`. The season index returns one \$ref per futures market; this wrapper dereferences each market and flattens the nested market -> provider -> books tree into long format: one row per (market x provider x entry). Most markets are team markets (national championship, conference winners) and populate `team_id`; player markets (e.g. the Heisman) populate `athlete_id` instead, with the other id column left NA. `odds_value` is the raw American-odds string ESPN returns (e.g. -400, +150).

Value

A data frame with one row per market-provider-entry:

col_name	types	description
season	integer	Season (4-digit year).
market_id	character	ESPN futures-market identifier.
market_name	character	Internal market name (e.g. NCAA(F) - Championship).
market_type	character	Market type code (e.g. winLeague).
market_display	character	Human-readable market name (e.g. National Championship Winner).
provider_id	character	Sportsbook / provider identifier.
provider_name	character	Sportsbook / provider name (e.g. ESPN BET).
team_id	character	ESPN team id (parsed from team_ref); NA for player markets.
athlete_id	character	ESPN athlete id (parsed from athlete_ref); NA for team markets.
odds_value	character	American odds for the entry (e.g. -400, +150).
team_ref	character	\$ref URL to the per-season team resource (may be NA).
athlete_ref	character	\$ref URL to the per-season athlete resource (may be NA).

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_futures(year = 2024))
```

Description

- `espn_cfb_pbp()`: Get ESPN college football PBP data (legacy site-v2).
- `espn_cfb_pbp_v2()`: Get ESPN College Football Play-by-Play (core-v2) – core-v2-sourced successor to `espn_cfb_pbp()` with optional EPA/WPA modeling.
- `espn_cfb_unnest_plays()`: Turn an `espn_cfb_game_drives()` result with a `plays` list-column into a flat one-row-per-play table.
- `espn_cfb_game_broadcasts()`: Get the broadcast / streaming outlets carrying a single college football game.
- `espn_cfb_game_drive_plays()`: Get the play-by-play for a single drive of a college football game – one row per play, scoped to one drive.
- `espn_cfb_game_drives()`: Get the per-game drive log for a single college football game – one row per drive.
- `espn_cfb_game_leaders()`: Get the per-game statistical leaders for a single college football game – one row per leader within each statistical category.
- `espn_cfb_game_odds()`: Get the sportsbook betting lines (spread, over/under, moneyline) for a single college football game – one row per provider.
- `espn_cfb_game_pbp()`: Get the full core-v2 play-by-play feed for a single college football game – one row per play.
- `espn_cfb_game_play()`: Get the full detail object for a single play of a college football game.
- `espn_cfb_game_player_box()`: Get the full per-player box score for both teams in a single college football game, in long format.
- `espn_cfb_game_player_statistics()`: Get one athlete's box-score line for a single college football game – one row per stat, in long format.
- `espn_cfb_game_powerindex()`: Get ESPN's Football Power Index (FPI) matchup projections for both teams in a single college football game.
- `espn_cfb_game_predictor()`: Get ESPN's pre-game matchup predictor (FPI game projection) for a single college football game.
- `espn_cfb_game_probabilities()`: Get ESPN's play-by-play win-probability series for a single college football game.
- `espn_cfb_game_situation()`: Get the current (or final) game situation for a single college football game – down, distance, yard line, red-zone flag, timeouts.
- `espn_cfb_game_status()`: Get the competition status for a single college football game – clock, period, and the status type/state.
- `espn_cfb_game_team_leaders()`: Get each team's statistical leaders (passing, rushing, receiving, ...) for a single college football game.
- `espn_cfb_game_team_linescores()`: Get the quarter-by-quarter linescores for both teams in a single college football game.
- `espn_cfb_game_team_records()`: Get each team's win-loss records (overall, home, road, conference) as they stood at the time of a single college football game.
- `espn_cfb_game_team_roster()`: Get the game-day roster for both teams in a single college football game.

- `espn_cfb_game_team_statistics()`: Get the full team box-score statistics for both teams in a single college football game, in long format.
- `espn_cfb_game_teams()`: Get the two teams (home and away) for a single college football game.

Details

Get ESPN college football PBP data (legacy):

```
espn_cfb_pbp(game_id = 401282614, epa_wpa = TRUE)
```

Get ESPN College Football Play-by-Play (core-v2):

```
espn_cfb_pbp_v2(game_id = 401628339, epa_wpa = TRUE)
```

Unnest ESPN CFB drive plays into a flat play-by-play table:

```
espn_cfb_unnest_plays(espn_cfb_game_drives(401628339, plays = "list"))
```

ESPN College Football Game Broadcasts:

```
espn_cfb_game_broadcasts(game_id = 401628339)
```

ESPN College Football Game Drive Plays:

```
espn_cfb_game_drive_plays(game_id = 401628339, drive_id = 4016283391)
```

ESPN College Football Game Drives:

```
espn_cfb_game_drives(game_id = 401628339)
espn_cfb_game_drives(game_id = 401628339, plays = "expand")
```

ESPN College Football Game Leaders:

```
espn_cfb_game_leaders(game_id = 401628339)
```

ESPN College Football Game Odds:

```
espn_cfb_game_odds(game_id = 401628339)
espn_cfb_game_odds(game_id = 401628339, line_history = TRUE)
```

ESPN College Football Game Plays (Core-v2 Play-by-Play):

```
espn_cfb_game_pbp(game_id = 401628339)
espn_cfb_game_pbp(game_id = 401628339, participants = "wide")
```

ESPN College Football Game Play (Single Play Detail):

```
espn_cfb_game_play(game_id = 401628339, play_id = "401628339101927401")
```

ESPN College Football Game Player Box Score:

```
espn_cfb_game_player_box(game_id = 401628339)
```

ESPN College Football Game Player Statistics (Single Athlete):

```
espn_cfb_game_player_statistics(game_id = 401628339, athlete_id = 4429105)
```

ESPN College Football Game Power Index (Matchup FPI):

```
espn_cfb_game_powerindex(game_id = 401628339)
```

ESPN College Football Game Predictor (BPI Matchup Predictor):

```
espn_cfb_game_predictor(game_id = 401628339)
```

ESPN College Football Game Win Probabilities:

```
espn_cfb_game_probabilities(game_id = 401628339)
```

ESPN College Football Game Situation:

```
espn_cfb_game_situation(game_id = 401628339)
```

ESPN College Football Game Status:

```
espn_cfb_game_status(game_id = 401628339)
```

ESPN College Football Game Team Leaders:

```
espn_cfb_game_team_leaders(game_id = 401628339)
```

ESPN College Football Game Team Linescores:

```
espn_cfb_game_team_linescores(game_id = 401628339)
```

ESPN College Football Game Team Records:

```
espn_cfb_game_team_records(game_id = 401628339)  
espn_cfb_game_team_records(game_id = 401628339, detail = TRUE)
```

ESPN College Football Game Team Roster:

```
espn_cfb_game_team_roster(game_id = 401628339)
```

ESPN College Football Game Team Statistics:

```
espn_cfb_game_team_statistics(game_id = 401628339)
```

ESPN College Football Game Teams:

```
espn_cfb_game_teams(game_id = 401628339)  
espn_cfb_game_teams(game_id = 401628339, format = "wide")
```

espn_cfb_game_broadcasts

ESPN College Football Game Broadcasts

Description

Get the broadcast / streaming outlets carrying a single college football game.

Usage

```
espn_cfb_game_broadcasts(game_id = NULL)
```

Arguments

`game_id` (*Integer* required): ESPN game identifier.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/broadcasts`. Returns one row per broadcast outlet – a television network, streaming service, or radio station. `type_name` distinguishes TV / streaming / radio; `market_type` is the geographic market (e.g. National); `priority` is ESPN's display ordering of the outlets.

Value

A data frame with one row per broadcast outlet:

col_name	types	description
<code>game_id</code>	character	ESPN game identifier.
<code>type_id</code>	character	Broadcast-type id.
<code>type_name</code>	character	Broadcast-type name (e.g. TV, Streaming, Radio).
<code>type_slug</code>	character	Broadcast-type slug (e.g. streaming, tv).
<code>station</code>	character	Broadcast station / network name (e.g. ESPN+).
<code>slug</code>	character	Broadcast outlet slug.
<code>channel</code>	character	Channel number, when published.
<code>priority</code>	integer	ESPN display priority of the outlet (1 = first).
<code>partnered</code>	logical	TRUE if the outlet is an ESPN broadcast partner.
<code>market_id</code>	character	Geographic market id.
<code>market_type</code>	character	Geographic market type (e.g. National).
<code>lang</code>	character	Broadcast language code.
<code>region</code>	character	Broadcast region code.
<code>media_id</code>	character	ESPN media id for the outlet.
<code>media_name</code>	character	ESPN media name for the outlet.
<code>media_short_name</code>	character	Short ESPN media name for the outlet.
<code>media_call_letters</code>	character	Broadcast call letters for the outlet.
<code>media_slug</code>	character	ESPN media slug for the outlet.
<code>media_group_id</code>	character	ESPN media-group id (e.g. corporate parent).

media_group_name	character	ESPN media-group name (e.g. Disney).
media_group_slug	character	ESPN media-group slug.
competition_ref	character	\$ref URL to the competition resource.
media_ref	character	\$ref URL to the media resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_s](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_game_broadcasts(game_id = 401628339))
```

espn_cfb_game_drives	ESPN College Football Game Drives
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Description

Get the per-game drive log for a single college football game – one row per drive, with start/end field position, yardage, play count, result, and a \$ref to that drive’s plays. Optionally embed each drive’s full-schema play-by-play as a nested list-column or as a flat one-row-per-play table.

Usage

```
espn_cfb_game_drives(  
  game_id = NULL,  
  plays = c("none", "list", "expand"),  
  participants = c("none", "wide", "long"),  
  participants_list = FALSE,
```

```

team_participants = c("none", "wide"),
team_participants_list = FALSE,
position_detail = TRUE,
team_detail = TRUE
)

```

Arguments

<code>game_id</code>	(<i>Integer</i> required): ESPN game identifier.
<code>plays</code>	(<i>Character</i>): controls whether each drive's plays are embedded. One of "none" (default), "list", or "expand" – see <i>Details</i> .
<code>participants</code>	(<i>Character</i>): participant-flattening mode for the embedded plays – one of "none" (default), "wide", or "long". Consulted only when <code>plays != "none"</code> . See espn_cfb_game_pbp() .
<code>participants_list</code>	(<i>Logical</i>): when TRUE, append the participants list-column to each embedded play. Defaults to FALSE. Consulted only when <code>plays != "none"</code> .
<code>team_participants</code>	(<i>Character</i>): team-participant-flattening mode for the embedded plays – one of "none" (default) or "wide". Consulted only when <code>plays != "none"</code> .
<code>team_participants_list</code>	(<i>Logical</i>): when TRUE, append the team_participants list-column to each embedded play. Defaults to FALSE. Consulted only when <code>plays != "none"</code> .
<code>position_detail</code>	(<i>Logical</i>): when TRUE (default), the embedded plays' participants = "wide" output carries position detail joined from the ESPN position catalog. Consulted only when <code>plays != "none"</code> and participants = "wide".
<code>team_detail</code>	(<i>Logical</i>): when TRUE (default), the ESPN team catalog (espn_cfb_teams()) is fetched once and friendly team fields are joined in next to the drive-level team-id columns – <code>team_id</code> and <code>end_team_id</code> (which become <code>drive_team_id</code> / <code>drive_end_team_id</code> in <code>plays = "expand"</code> mode). For each id column <code>X_id</code> the sibling columns <code>X_name</code> , <code>X_abbreviation</code> , <code>X_location</code> , <code>X_display_name</code> , <code>X_short_display_name</code> , <code>X_nickname</code> , <code>X_color</code> , <code>X_alternate_color</code> , <code>X_logo_href</code> , <code>X_logo_dark_href</code> are inserted immediately after it. The embedded play tibbles keep the base espn_cfb_game_pbp() schema (not team-enriched), so a <code>plays = "expand"</code> result matches espn_cfb_unnest_plays() of a <code>plays = "list"</code> result. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/drives`. The competition id always equals the game id. Returns one row per drive (typically 18-24 drives per game). Each drive carries the offensive team, the start and end period/clock/yard-line, total yards, offensive play count, the drive result, and a scoring flag. The `plays_ref` column is the \$ref URL to that drive's plays – pass the `drive_id` to [espn_cfb_game_drive_plays\(\)](#) to fetch the play-by-play partitioned to a single drive. This is the richest drive resource ESPN exposes; the site-v2 summary feed only carries a flattened subset.

The `plays` argument controls whether each drive's plays are embedded:

- "none" (default) – the drives output is returned unchanged, one row per drive, with no embedded plays.
- "list" – a plays **list-column** is appended; each cell is that drive's plays as a tibble in the `full_espn_cfb_game_pbp()` schema (~54 base columns plus any optional participant columns). A drive with no matched plays gets an empty 0-row tibble, never NULL.
- "expand" – the **flat one-row-per-play** table is returned: every play in the full `espn_cfb_game_pbp()` schema, with that play's drive-level columns carried alongside, prefixed `drive_` (e.g. `drive_id`, `drive_result`, `drive_yards`, `drive_start_yard_line`) to avoid collision with the play's own columns. This is the `espn_cfb_game_pbp()` expanded form enriched with drive context.

The `participants`, `participants_list`, `team_participants`, `team_participants_list`, and `position_detail` arguments shape the embedded plays and are consulted **only** when `plays != "none"`. They have the same meaning as the identically named arguments on `espn_cfb_game_pbp()` – e.g. `participants = "wide"` appends the type-keyed `{type}_player_*` columns to every embedded play tibble. See `espn_cfb_game_pbp()` for the full description of each.

To get the plays efficiently the wrapper first probes the drives endpoint for inline plays (`items[]`.`plays`.`items[]`); when ESPN embeds them, no extra request is made. When only a `plays.$ref` is present, the competition-level `/plays` feed is fetched **once** and the plays are partitioned into drives by matching each play's drive id. Per-drive `plays_ref` URLs are never dereferenced individually.

`espn_cfb_unnest_plays()` turns a `plays = "list"` result into the same flat table as `plays = "expand"` without any further HTTP.

Value

A data frame with one row per drive:

col_name	types	description
<code>game_id</code>	character	ESPN game identifier.
<code>drive_id</code>	character	ESPN drive id.
<code>sequence_number</code>	character	Drive sequence number within the game.
<code>description</code>	character	Drive summary text (e.g. 9 plays, 75 yards, 4:12).
<code>team_id</code>	character	ESPN team id of the offensive team (parsed from <code>team_ref</code>).
<code>end_team_id</code>	character	ESPN team id of the team in possession at drive end.
<code>start_period</code>	integer	Period (quarter) at the start of the drive.
<code>start_period_type</code>	character	Period type at the start of the drive (e.g. quarter).
<code>start_clock</code>	character	Game clock display value at the start of the drive.
<code>start_clock_seconds</code>	numeric	Game clock value in seconds at the start of the drive.
<code>start_yard_line</code>	integer	Yard line at the start of the drive.
<code>start_text</code>	character	Field-position text at the start of the drive.
<code>end_period</code>	integer	Period (quarter) at the end of the drive.
<code>end_period_type</code>	character	Period type at the end of the drive (e.g. quarter).
<code>end_clock</code>	character	Game clock display value at the end of the drive.
<code>end_clock_seconds</code>	numeric	Game clock value in seconds at the end of the drive.
<code>end_yard_line</code>	integer	Yard line at the end of the drive.
<code>end_text</code>	character	Field-position text at the end of the drive.
<code>time_elapsed</code>	character	Elapsed game time for the drive (MM:SS).

time_elapsed_seconds	numeric	Elapsed game time for the drive, in seconds.
yards	integer	Total yards gained on the drive.
offensive_plays	integer	Number of offensive plays on the drive.
is_score	logical	TRUE if the drive resulted in a score.
result	character	Drive result code (e.g. PUNT, TD).
short_display_result	character	Short drive-result label.
display_result	character	Drive-result label (e.g. Punt, Touchdown).
source_id	character	ESPN data-source id for the drive.
source_description	character	ESPN data-source description (e.g. Feed).
drive_ref	character	\$ref URL to the drive resource itself.
team_ref	character	\$ref URL to the offensive team resource.
end_team_ref	character	\$ref URL to the team in possession at drive end.
plays_ref	character	\$ref URL to the drive's plays resource.

When `plays = "list"`, an additional `plays` list-column is appended – each cell a tibble in the full [espn_cfb_game_pbp\(\)](#) schema. When `plays = "expand"`, the flat one-row-per-play table is returned instead: every column of [espn_cfb_game_pbp\(\)](#) plus the drive-level columns above carried alongside each play with a `drive_` prefix.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_game_drives(game_id = 401628339))
try(espn_cfb_game_drives(game_id = 401628339, plays = "list"))
try(espn_cfb_game_drives(game_id = 401628339, plays = "expand"))
try(espn_cfb_game_drives(game_id = 401628339, team_detail = FALSE))
```

espn_cfb_game_drive_plays

ESPN College Football Game Drive Plays

Description

Get the play-by-play for a single drive of a college football game – one row per play, scoped to one drive.

Usage

```
espn_cfb_game_drive_plays(
  game_id = NULL,
  drive_id = NULL,
  participants = c("none", "wide", "long"),
  participants_list = FALSE,
  team_participants = c("none", "wide"),
  team_participants_list = FALSE,
  team_detail = TRUE
)
```

Arguments

game_id	(<i>Integer</i> required): ESPN game identifier.
drive_id	(<i>Integer</i> required): ESPN drive id (from espn_cfb_game_drives()).
participants	(<i>Character</i>): controls whether each play's nested participants[] array (the athletes credited on the play) is attached. One of: • "none" (default) – the play frame is returned unchanged; no extra HTTP call is made. • "wide" – one row per play, with type-keyed {type}_player_* columns appended (see <i>Details</i>). • "long" – one row per play x participant (see <i>Details</i>).
participants_list	(<i>Logical</i>): when TRUE, append a single list-column named participants holding each play's full participant detail – including the per-participant stats[] that "wide" mode drops. Defaults to FALSE. This is independent of and combinable with the participants argument (see <i>Details</i>).
team_participants	(<i>Character</i>): controls whether each play's nested teamParticipants[] array (the team(s) credited on the play) is attached as type-keyed columns. One of: • "none" (default) – no team-participant columns are added. • "wide" – one row per play, with type-keyed {type}_team_* columns appended (see <i>Details</i>).

`team_participants_list` (Logical): when TRUE, append a single list-column named `team_participants` holding each play's full `teamParticipants[]` detail as a nested tibble. Defaults to FALSE. This is **independent of and combinable with** the `team_participants` argument (see *Details*).

`team_detail` (Logical): when TRUE (default), the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to every team-id column in the output (`team_id`, `start_team_id`, `end_team_id`, plus any optional `{type}_team_id` / `{type}_player_team_id` columns). For each id column `X_id` the sibling columns `X_name`, `X_abbreviation`, `X_location`, `X_display_name`, `X_short_display_name`, `X_nickname`, `X_color`, `X_alternate_color`, `X_logo_href`, `X_logo_dark_href` are inserted immediately after it. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/drives/{drive_id}/plays`. The competition id always equals the game id. Returns the same play schema as the competition-level `espn_cfb_game_pbp()` feed, but partitioned to a single drive (typically 5-11 plays). Harvest the `drive_id` from `espn_cfb_game_drives()` – its `drive_id` column lists every drive in the game.

When `participants = "wide"`, the base play schema is kept intact and six columns are appended for every participant type that appears anywhere in the drive. The column names are **dynamic** – one set per participant type present (e.g. `passer`, `rusher`, `receiver`, `tackler`, `sacked_by`, `pass_defender`, `kicker`, `returner`). ESPN's camelCase types are snake-cased (`sackedBy` -> `sacked_by`). For each type the appended columns are:

- `{type}_player_id` – scalar character, the **first** occurrence of that type on the play (NA if none).
- `{type}_player_name` – scalar character, that athlete's roster-joined name (NA if none or unmatched).
- `{type}_player_position` – scalar character, the first athlete's position abbreviation (joined from the ESPN position catalog; NA if unmatched).
- `{type}_player_position_name` – scalar character, the first athlete's position name.
- `{type}_player_ids` – a **list-column**: a character vector of **every** athlete id of that type on the play, in ESPN order. Plays with none carry character (`0`).
- `{type}_player_names` – a **list-column**: the parallel vector of roster-joined names.

Participant `stats[]` are not carried in wide mode – use "long" for the per-participant stat lines.

When `participants = "long"`, the frame is expanded to one row per play x participant with `participant_index`, `participant_athlete_id`, `participant_type`, `participant_order`, the roster-joined `participant_athlete_name` / `participant_position` / `participant_jersey` / `participant_team_id`, and the participant's stats pivoted to named `pstat_<statname>` columns. Plays with zero participants still yield one row (participant fields NA).

When `participants_list = TRUE`, a single list-column named `participants` is appended. Each cell is a tibble with one row per participant on that play and columns `participant_index` (1-based, ESPN order), `type` (snake_cased, e.g. `sacked_by`, `pass_defender`), `athlete_id`, `athlete_name` (roster-joined), `order`, `position_id`, plus one column per participant `stat[]` name (`dplyr::bind_rows`

NA-fills participants whose stat sets differ). Plays with no participants carry an empty 0-row tibble, never NULL. This option is independent of participants and composes with any of its modes – e.g. participants = "wide", participants_list = TRUE yields the type-keyed {type}_player_* columns **and** the participants list-column, while participants = "none", participants_list = TRUE adds only the list-column. With participants = "long" the list-column repeats per play x participant row. The raw plays are fetched only once even when both options are active.

When team_participants = "wide", three columns are appended for every teamParticipants[] type present anywhere in the drive (ESPN ships offense / defense). The column names are **dynamic** – one set per type, snake-cased: {type}_team_id (scalar character, the first occurrence of that type on the play), {type}_team_order (scalar integer, ESPN's display order), and {type}_team_ref (scalar character, the \$ref URL to that team resource). Plays with none of a type carry NA.

When team_participants_list = TRUE, a single list-column named team_participants is appended. Each cell is a tibble with one row per team credited on the play and columns team_participant_index (1-based, ESPN order), team_id, team_ref, order, and type (e.g. offense, defense). A play with no team participants carries an empty 0-row tibble, never NULL. This option is independent of team_participants and composes with it – e.g. team_participants = "wide", team_participants_list = TRUE yields both the type-keyed {type}_team_* columns **and** the team_participants list-column, while team_participants = "none" adds neither.

When team_detail = TRUE (the default), the ESPN team catalog ([espn_cfb_teams\(\)](#)) is fetched once and joined onto **every** team-id column the output carries – the base team_id / start_team_id / end_team_id, plus any optional {type}_team_id (from team_participants = "wide") and {type}_player_team_id (from participants = "long") columns. For each id column X_id the friendly siblings X_name, X_abbreviation, X_location, X_display_name, X_short_display_name, X_nickname, X_color, X_alternate_color, X_logo_href, and X_logo_dark_href are inserted immediately after it (e.g. team_id -> team_name, team_abbreviation, ...; start_team_id -> start_team_name, ...). Rows whose id is missing or unmatched receive NA, and a catalog-fetch failure degrades the whole set to NA rather than erroring the wrapper. With team_detail = FALSE the friendly columns (and the catalog fetch) are skipped.

Value

A data frame with one row per play in the drive:

col_name	types	description
game_id	character	ESPN game identifier.
drive_id	character	ESPN drive id (the requested drive).
play_id	character	ESPN play id.
sequence_number	character	Play sequence number within the game.
type_id	character	Play-type id.
type_text	character	Play-type text (e.g. Pass Reception).
type_abbreviation	character	Play-type abbreviation (e.g. RUSH, TD).
text	character	Full play description.
short_text	character	Short play description.
alternative_text	character	Alternative play description.
short_alternative_text	character	Short alternative play description.
period	integer	Period (quarter) number.
clock	character	Game clock display value at the play (MM:SS).

clock_seconds	numeric	Game clock value in seconds at the play.
home_score	integer	Home-team score after the play.
away_score	integer	Away-team score after the play.
scoring_play	logical	TRUE if the play resulted in a score.
score_value	integer	Points scored on the play.
priority	logical	TRUE if ESPN flags the play as a priority highlight.
is_penalty	logical	TRUE if the play was a penalty.
is_turnover	logical	TRUE if the play was a turnover.
stat_yardage	integer	Yards gained or lost on the play.
scoring_type_name	character	Scoring-type key on a scoring play (e.g. touchdown).
scoring_type_display_name	character	Human-readable scoring-type name.
scoring_type_abbreviation	character	Scoring-type abbreviation (e.g. TD, FG).
point_after_attempt_id	integer	Point-after-attempt id on a scoring play.
point_after_attempt_text	character	Point-after-attempt text (e.g. Extra Point Good).
point_after_attempt_abbreviation	character	Point-after-attempt abbreviation.
point_after_attempt_value	integer	Points added by the point-after attempt.
start_down	integer	Down at the start of the play.
start_distance	integer	Yards to go at the start of the play.
start_yard_line	integer	Yard line at the start of the play.
start_yards_to_endzone	integer	Yards to the end zone at the start of the play.
start_down_distance_text	character	Down-and-distance text at the start of the play.
start_short_down_distance_text	character	Short down-and-distance text at the start of the play.
start_possession_text	character	Field-position text at the start of the play.
start_team_id	character	ESPN team id in possession at the start of the play.
end_down	integer	Down at the end of the play.
end_distance	integer	Yards to go at the end of the play.
end_yard_line	integer	Yard line at the end of the play.
end_yards_to_endzone	integer	Yards to the end zone at the end of the play.
end_down_distance_text	character	Down-and-distance text at the end of the play.
end_short_down_distance_text	character	Short down-and-distance text at the end of the play.
end_possession_text	character	Field-position text at the end of the play.
end_team_id	character	ESPN team id in possession at the end of the play.
team_id	character	ESPN team id of the offensive team (parsed from team_ref).
drive_play_id	character	ESPN drive id the play belongs to (parsed from drive_ref).
wallclock	character	Real-world ISO timestamp of the play.
modified	character	ISO timestamp the play record was last modified.
play_ref	character	\$ref URL to the play resource itself.
team_ref	character	\$ref URL to the offensive team resource.
start_team_ref	character	\$ref URL to the team in possession at the play start.
end_team_ref	character	\$ref URL to the team in possession at the play end.
drive_ref	character	\$ref URL to the play's drive resource.
probability_ref	character	\$ref URL to the play's win-probability resource.

The optional participant and team-participant columns are described in *Details* – they are added only when the corresponding argument requests them.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_linescores()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_s`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_game_drive_plays(game_id = 401628339,
                             drive_id = 4016283391))
try(espn_cfb_game_drive_plays(game_id = 401628339,
                             drive_id = 4016283391,
                             participants = "long"))
try(espn_cfb_game_drive_plays(game_id = 401628339,
                             drive_id = 4016283391,
                             participants = "wide",
                             participants_list = TRUE))
try(espn_cfb_game_drive_plays(game_id = 401628339,
                             drive_id = 4016283391,
                             team_participants = "wide",
                             team_participants_list = TRUE))
try(espn_cfb_game_drive_plays(game_id = 401628339,
                             drive_id = 4016283391,
                             team_detail = FALSE))
```

`espn_cfb_game_leaders` **ESPN College Football Game Leaders**

Description

Get the per-game statistical leaders for a single college football game – one row per leader within each statistical category, both teams combined.

Usage

```
espn_cfb_game_leaders(game_id = NULL, team_detail = TRUE)
```

Arguments

`game_id` (*Integer* required): ESPN game identifier.

`team_detail` (*Logical*): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the `team_id` column (see *Details*). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/leaders`. The competition id always equals the game id. Returns one row per leader within each leader category (passing, rushing, receiving, ...). ESPN publishes roughly 22 categories per game; each category lists a small number of leading athletes. This is the game-wide leaders resource – distinct from `espn_cfb_game_team_leaders()`, which returns the leaders for a single competitor (team).

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per leader-in-category:

col_name	types	description
<code>game_id</code>	character	ESPN game identifier.
<code>category_name</code>	character	Leader-category key (e.g. <code>passingLeader</code>).
<code>category_display_name</code>	character	Human-readable leader-category name.
<code>category_short_display_name</code>	character	Short human-readable leader-category name.
<code>category_abbreviation</code>	character	Leader-category abbreviation.
<code>leader_rank</code>	integer	Rank of the athlete within the category (1 = top).
<code>athlete_id</code>	character	ESPN athlete id (parsed from <code>athlete_ref</code>).
<code>team_id</code>	character	ESPN team id of the athlete's team (parsed from <code>team_ref</code>).
<code>team_name</code>	character	Team nickname; <code>team_detail = TRUE</code> only.
<code>team_abbreviation</code>	character	Team abbreviation; <code>team_detail = TRUE</code> only.
<code>team_location</code>	character	Team location / school name; <code>team_detail = TRUE</code> only.
<code>team_display_name</code>	character	Full team display name; <code>team_detail = TRUE</code> only.
<code>team_short_display_name</code>	character	Short team display name; <code>team_detail = TRUE</code> only.
<code>team_nickname</code>	character	Team nickname label; <code>team_detail = TRUE</code> only.
<code>team_color</code>	character	Primary team color; <code>team_detail = TRUE</code> only.
<code>team_alternate_color</code>	character	Alternate team color; <code>team_detail = TRUE</code> only.
<code>team_logo_href</code>	character	Default team logo URL; <code>team_detail = TRUE</code> only.
<code>team_logo_dark_href</code>	character	Dark-variant team logo URL; <code>team_detail = TRUE</code> only.
<code>display_value</code>	character	Display-formatted stat line for the leader.

value	numeric	Numeric leading-stat value.
athlete_ref	character	\$ref URL to the athlete resource.
team_ref	character	\$ref URL to the team resource.
statistics_ref	character	\$ref URL to the athlete’s game-statistics resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_game_leaders(game_id = 401628339))
try(espn_cfb_game_leaders(game_id = 401628339, team_detail = FALSE))
```

espn_cfb_game_odds	ESPN College Football Game Odds
--------------------	---------------------------------

Description

Get the sportsbook betting lines (spread, over/under, moneyline) for a single college football game – one row per provider.

Usage

```
espn_cfb_game_odds(game_id = NULL, line_history = FALSE)
```

Arguments

- `game_id` (*Integer* required): ESPN game identifier.
- `line_history` (*Logical*): controls the output shape. One of:
- FALSE (default) – the summary output, one row per odds provider, with the columns shown in the *Value* table below.
 - TRUE – a long frame capturing the open / close / current line snapshots, one row per (provider x snapshot x market) (see *Details*).

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/odds`. Returns one row per odds provider (sportsbook). `details` is ESPN's headline line string (e.g. "UGA -54.5"); `spread` and `over_under` are the numeric spread and total. Home/away spread odds and moneylines are pulled from the nested `homeTeamOdds` / `awayTeamOdds` blocks. The `over_odds` and `under_odds` are the American-odds prices on the game total. With `line_history = TRUE` the per-provider open / close / current line snapshots are expanded instead (see *Details*).

When `line_history = TRUE` the returned frame is in long format, one row per (provider x snapshot x market), with columns: `game_id`, `provider_id`, `provider_name`, `snapshot` (one of open, close, current), `market` (e.g. over, under, total, pointSpread, spread, moneyLine), `side` (game, home, or away), `american` (the American-odds string), `value` (the numeric/decimal value), and `display_value`.

Value

A data frame with one row per odds provider (when `line_history = FALSE`):

col_name	types	description
<code>game_id</code>	character	ESPN game identifier.
<code>provider_id</code>	character	ESPN odds-provider (sportsbook) id.
<code>provider_name</code>	character	Odds-provider name (e.g. ESPN BET).
<code>provider_priority</code>	integer	ESPN display priority of the odds provider.
<code>details</code>	character	ESPN's headline line string (e.g. UGA -54.5).
<code>over_under</code>	numeric	Game total (over/under) points line.
<code>spread</code>	numeric	Point spread (negative favors the home team).
<code>over_odds</code>	numeric	American odds price on the over.
<code>under_odds</code>	numeric	American odds price on the under.
<code>home_favorite</code>	logical	TRUE if the home team is the favorite.
<code>home_underdog</code>	logical	TRUE if the home team is the underdog.
<code>away_favorite</code>	logical	TRUE if the away team is the favorite.
<code>away_underdog</code>	logical	TRUE if the away team is the underdog.
<code>home_spread_odds</code>	numeric	American odds price on the home-team spread.
<code>away_spread_odds</code>	numeric	American odds price on the away-team spread.
<code>home_money_line</code>	character	Home-team moneyline (American odds).
<code>away_money_line</code>	character	Away-team moneyline (American odds).
<code>moneyline_winner</code>	logical	TRUE if the moneyline favorite won.
<code>spread_winner</code>	logical	TRUE if the spread favorite covered.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_linescores()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_game_odds(game_id = 401628339))
try(espn_cfb_game_odds(game_id = 401628339, line_history = TRUE))
```

espn_cfb_game_pbp

ESPN College Football Game Plays (Core-v2 Play-by-Play)

Description

Get the full core-v2 play-by-play feed for a single college football game – one row per play, with down/distance, clock, score, and yardage.

Usage

```
espn_cfb_game_pbp(
  game_id = NULL,
  participants = c("none", "wide", "long"),
  participants_list = FALSE,
  team_participants = c("none", "wide"),
  team_participants_list = FALSE,
  team_detail = TRUE
)
```

Arguments

game_id	(<i>Integer</i> required): ESPN game identifier.
participants	(<i>Character</i>): controls whether each play's nested participants[] array (the athletes credited on the play) is attached. One of: • "none" (default) – the play frame is returned unchanged; no extra HTTP call is made. • "wide" – one row per play, with type-keyed {type}_player_* columns appended (see <i>Details</i>). • "long" – one row per play x participant (see <i>Details</i>).
participants_list	(<i>Logical</i>): when TRUE, append a single list-column named participants holding each play's full participant detail – including the per-participant stats[] that "wide" mode drops. Defaults to FALSE. This is independent of and combinable with the participants argument (see <i>Details</i>).
team_participants	(<i>Character</i>): controls whether each play's nested teamParticipants[] array (the team(s) credited on the play) is attached as type-keyed columns. One of: • "none" (default) – no team-participant columns are added. • "wide" – one row per play, with type-keyed {type}_team_* columns appended (see <i>Details</i>).
team_participants_list	(<i>Logical</i>): when TRUE, append a single list-column named team_participants holding each play's full teamParticipants[] detail as a nested tibble. Defaults to FALSE. This is independent of and combinable with the team_participants argument (see <i>Details</i>).
team_detail	(<i>Logical</i>): when TRUE (default), the ESPN team catalog (espn_cfb_teams()) is fetched once and friendly team fields are joined in next to every team-id column in the output (team_id, start_team_id, end_team_id, plus any optional {type}_team_id / {type}_player_team_id columns). For each id column X_id the sibling columns X_name, X_abbreviation, X_location, X_display_name, X_short_display_name, X_nickname, X_color, X_alternate_color, X_logo_href, X_logo_dark_href are inserted immediately after it. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join.

Details

Wraps the paginated ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/plays`. The endpoint is paginated; this wrapper loops every page and stacks the results into one frame – one row per play. Each play carries the start and end down/distance/yard-line, the play type, period and game clock, the running score, and the offensive team.

This is the core-v2 play feed, distinct from [espn_cfb_pbp\(\)](#), which parses the site-v2 game-summary feed and (optionally) computes EPA/WPA. Use this wrapper when you want the raw core-v2 play schema with stable \$ref-derived ids; use [espn_cfb_pbp\(\)](#) for the modeled play-by-play.

When `participants = "wide"`, the base play schema is kept intact and six columns are appended for every participant type that appears anywhere in the game. The column names are **dynamic** – one set per participant type present (e.g. `passer`, `rusher`, `receiver`, `tackler`, `sacked_by`, `pass_defender`, `kicker`, `returner`). ESPN's camelCase types are snake-cased (`sackedBy` -> `sacked_by`). For each type the appended columns are:

- `{type}_player_id` – scalar character, the **first** occurrence of that type on the play (NA if none).
- `{type}_player_name` – scalar character, that athlete's roster-joined name (NA if none or unmatched).
- `{type}_player_position` – scalar character, the first athlete's position abbreviation (joined from the ESPN position catalog; NA if unmatched).
- `{type}_player_position_name` – scalar character, the first athlete's position name.
- `{type}_player_ids` – a **list-column**: a character vector of **every** athlete id of that type on the play, in ESPN order. Plays with none carry character(`0`).
- `{type}_player_names` – a **list-column**: the parallel vector of roster-joined names.

Participant `stats[]` are not carried in wide mode – use `"long"` for the per-participant stat lines.

When `participants = "long"`, the frame is expanded to one row per play x participant with `participant_index`, `participant_athlete_id`, `participant_type`, `participant_order`, the roster-joined `participant_athlete_name` / `participant_position` / `participant_jersey` / `participant_team_id`, and the participant's stats pivoted to named `pstat_<statname>` columns. Plays with zero participants still yield one row (participant fields NA).

When `participants_list = TRUE`, a single list-column named `participants` is appended. Each cell is a tibble with one row per participant on that play and columns `participant_index` (1-based, ESPN order), `type` (snake_cased, e.g. `sacked_by`, `pass_defender`), `athlete_id`, `athlete_name` (roster-joined), `order`, `position_id`, plus one column per participant `stat[]` name (`dplyr::bind_rows` NA-fills participants whose stat sets differ). Plays with no participants carry an empty 0-row tibble, never NULL. This option is independent of `participants` and composes with any of its modes – e.g. `participants = "wide"`, `participants_list = TRUE` yields the type-keyed `{type}_player_*` columns **and** the `participants` list-column, while `participants = "none"`, `participants_list = TRUE` adds only the list-column. With `participants = "long"` the list-column repeats per play x participant row. The raw plays are fetched only once even when both options are active.

When `team_participants = "wide"`, three columns are appended for every teamParticipants[] type present anywhere in the game (ESPN ships offense / defense). The column names are **dynamic** – one set per type, snake-cased: `{type}_team_id` (scalar character, the first occurrence of that type on the play), `{type}_team_order` (scalar integer, ESPN's display order), and `{type}_team_ref` (scalar character, the \$ref URL to that team resource). Plays with none of a type carry NA.

When `team_participants_list = TRUE`, a single list-column named `team_participants` is appended. Each cell is a tibble with one row per team credited on the play and columns `team_participant_index` (1-based, ESPN order), `team_id`, `team_ref`, `order`, and `type` (e.g. `offense`, `defense`). A play with no team participants carries an empty 0-row tibble, never NULL. This option is independent of `team_participants` and composes with it – e.g. `team_participants = "wide"`, `team_participants_list = TRUE` yields both the type-keyed `{type}_team_*` columns **and** the `team_participants` list-column, while `team_participants = "none"` adds neither.

When `team_detail = TRUE` (the default), the ESPN team catalog (`espn_cfb_teams()`) is fetched once and joined onto **every** team-id column the output carries – the base `team_id` / `start_team_id` /

end_team_id, plus any optional {type}_team_id (from team_participants = "wide") and {type}_player_team_id (from participants = "long") columns. For each id column X_id the friendly siblings X_name, X_abbreviation, X_location, X_display_name, X_short_display_name, X_nickname, X_color, X_alternate_color, X_logo_href, and X_logo_dark_href are inserted immediately after it (e.g. team_id -> team_name, team_abbreviation, ...; start_team_id -> start_team_name, ...). Rows whose id is missing or unmatched receive NA, and a catalog-fetch failure degrades the whole set to NA rather than erroring the wrapper. With team_detail = FALSE the friendly columns (and the catalog fetch) are skipped.

Value

A data frame with one row per play:

col_name	types	description
game_id	character	ESPN game identifier.
play_id	character	ESPN play id.
sequence_number	character	Play sequence number within the game.
type_id	character	Play-type id.
type_text	character	Play-type text (e.g. Pass Reception).
type_abbreviation	character	Play-type abbreviation (e.g. RUSH, TD).
text	character	Full play description.
short_text	character	Short play description.
alternative_text	character	Alternative play description.
short_alternative_text	character	Short alternative play description.
period	integer	Period (quarter) number.
clock	character	Game clock display value at the play (MM:SS).
clock_seconds	numeric	Game clock value in seconds at the play.
home_score	integer	Home-team score after the play.
away_score	integer	Away-team score after the play.
scoring_play	logical	TRUE if the play resulted in a score.
score_value	integer	Points scored on the play.
priority	logical	TRUE if ESPN flags the play as a priority highlight.
is_penalty	logical	TRUE if the play was a penalty.
is_turnover	logical	TRUE if the play was a turnover.
stat_yardage	integer	Yards gained or lost on the play.
scoring_type_name	character	Scoring-type key on a scoring play (e.g. touchdown).
scoring_type_display_name	character	Human-readable scoring-type name.
scoring_type_abbreviation	character	Scoring-type abbreviation (e.g. TD, FG).
point_after_attempt_id	integer	Point-after-attempt id on a scoring play.
point_after_attempt_text	character	Point-after-attempt text (e.g. Extra Point Good).
point_after_attempt_abbreviation	character	Point-after-attempt abbreviation.
point_after_attempt_value	integer	Points added by the point-after attempt.
start_down	integer	Down at the start of the play.
start_distance	integer	Yards to go at the start of the play.
start_yard_line	integer	Yard line at the start of the play.
start_yards_to_endzone	integer	Yards to the end zone at the start of the play.
start_down_distance_text	character	Down-and-distance text at the start of the play.
start_short_down_distance_text	character	Short down-and-distance text at the start of the play.
start_possession_text	character	Field-position text at the start of the play.

start_team_id	character	ESPN team id in possession at the start of the play.
end_down	integer	Down at the end of the play.
end_distance	integer	Yards to go at the end of the play.
end_yard_line	integer	Yard line at the end of the play.
end_yards_to_endzone	integer	Yards to the end zone at the end of the play.
end_down_distance_text	character	Down-and-distance text at the end of the play.
end_short_down_distance_text	character	Short down-and-distance text at the end of the play.
end_possession_text	character	Field-position text at the end of the play.
end_team_id	character	ESPN team id in possession at the end of the play.
team_id	character	ESPN team id of the offensive team (parsed from team_ref).
drive_play_id	character	ESPN drive id the play belongs to (parsed from drive_ref).
wallclock	character	Real-world ISO timestamp of the play.
modified	character	ISO timestamp the play record was last modified.
play_ref	character	\$ref URL to the play resource itself.
team_ref	character	\$ref URL to the offensive team resource.
start_team_ref	character	\$ref URL to the team in possession at the play start.
end_team_ref	character	\$ref URL to the team in possession at the play end.
drive_ref	character	\$ref URL to the play's drive resource.
probability_ref	character	\$ref URL to the play's win-probability resource.

The optional participant and team-participant columns are described in *Details* – they are added only when the corresponding argument requests them.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_s](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_game_pbp(game_id = 401628339))
try(espn_cfb_game_pbp(game_id = 401628339, participants = "wide"))
try(espn_cfb_game_pbp(game_id = 401628339, participants = "wide",
```

```

        participants_list = TRUE))
try(espn_cfb_game_pbp(game_id = 401628339, team_participants = "wide",
    team_participants_list = TRUE))
try(espn_cfb_game_pbp(game_id = 401628339, team_detail = FALSE))

```

espn_cfb_game_play	ESPN College Football Game Play (Single Play Detail)
--------------------	---

Description

Get the full detail object for a single play of a college football game – one row with the play type, text, score, clock, down/distance, and win-probability delta.

Usage

```

espn_cfb_game_play(
  game_id = NULL,
  play_id = NULL,
  participants = c("none", "wide", "long"),
  participants_list = FALSE,
  team_participants = c("none", "wide"),
  team_participants_list = FALSE,
  team_detail = TRUE
)

```

Arguments

game_id	(<i>Integer</i> required): ESPN game identifier.
play_id	(<i>Character</i> required): ESPN play id (from espn_cfb_game_pbp()). Supply as a character string – the id is too large for an exact numeric.
participants	(<i>Character</i>): controls whether the play's nested participants[] array (the athletes credited on the play) is attached. One of: • "none" (default) – the single-row play frame is returned unchanged; no extra HTTP call is made. • "wide" – the single row gains type-keyed {type}_player_* columns (see <i>Details</i>). • "long" – the frame is expanded to one row per participant (see <i>Details</i>).
participants_list	(<i>Logical</i>): when TRUE, append a single list-column named participants holding the play's full participant detail – including the per-participant stats[] that "wide" mode drops. Defaults to FALSE. This is independent of and combinable with the participants argument (see <i>Details</i>).
team_participants	(<i>Character</i>): controls whether the play's nested teamParticipants[] array (the team(s) credited on the play) is attached as type-keyed columns. One of:

- "none" (default) – no team-participant columns are added.
- "wide" – the single row gains type-keyed {type}_team_* columns (see *Details*).

team_participants_list

(*Logical*): when TRUE, append a single list-column named team_participants holding the play's full teamParticipants[] detail as a nested tibble. Defaults to FALSE. This is **independent of and combinable with** the team_participants argument (see *Details*).

team_detail

(*Logical*): when TRUE (default), the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to every team-id column in the output (team_id, start_team_id, end_team_id, plus any optional {type}_team_id / {type}_player_team_id columns). For each id column X_id the sibling columns X_name, X_abbreviation, X_location, X_display_name, X_short_display_name, X_nickname, X_color, X_alternate_color, X_logo_href, X_logo_dark_href are inserted immediately after it. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/plays/{play_id}`. The competition id always equals the game id. Returns a single-row data frame describing one play in full. Harvest the play_id from the competition-level `espn_cfb_game_pbp()` feed (its play_id column) or from `espn_cfb_game_drive_plays()`. Use this wrapper for play drill-down when you need a single play's complete object rather than the whole game feed.

ESPN play ids are 18-digit integers that exceed R's exact double-precision range – **pass** play_id **as a character string** (e.g. "401628339101927401") so no precision is lost. A bare numeric literal will be silently rounded and the lookup will 404.

When participants = "wide", the base play schema is kept intact and six columns are appended for every participant type on the play. The column names are **dynamic** – one set per participant type present (e.g. passer, rusher, receiver, tackler, sacked_by, pass_defender). ESPN's camel-Case types are snake-cased (sackedBy -> sacked_by). For each type the appended columns are {type}_player_id (scalar character, the first occurrence of that type on the play), {type}_player_name (scalar character, that athlete's roster-joined name), {type}_player_position (scalar character, that athlete's position abbreviation from the ESPN position catalog), {type}_player_position_name (scalar character, that athlete's position name), {type}_player_ids (a **list-column**: a character vector of every athlete id of that type, in ESPN order; character(0) if none), and {type}_player_names (a **list-column**: the parallel vector of roster-joined names). Participant stats[] are not carried in wide mode – use "long" for the per-participant stats.

When participants = "long", the frame is expanded to one row per participant with participant_index, participant_athlete_id, participant_type, participant_order, the roster-joined participant_athlete_name / participant_position / participant_jersey / participant_team_id, and the participant's stats pivoted to named pstat_<statname> columns. A play with zero participants still yields one row (participant fields NA).

When participants_list = TRUE, a single list-column named participants is appended. Its one cell is a tibble with one row per participant on the play and columns participant_index (1-based, ESPN order), type (snake_cased, e.g. sacked_by, pass_defender), athlete_id, athlete_name

(roster-joined), order, position_id, plus one column per participant stat[] name (dplyr::bind_rows NA-fills participants whose stat sets differ). A play with no participants carries an empty 0-row tibble, never NULL. This option is independent of participants and composes with any of its modes – e.g. participants = "wide", participants_list = TRUE yields the type-keyed {type}_player_* columns **and** the participants list-column. With participants = "long" the list-column repeats per participant row.

When team_participants = "wide", three columns are appended for every teamParticipants[] type on the play (ESPN ships offense / defense). The column names are **dynamic** – one set per type, snake-cased: {type}_team_id (scalar character, the first occurrence of that type on the play), {type}_team_order (scalar integer, ESPN's display order), and {type}_team_ref (scalar character, the \$ref URL to that team resource). A play with none of a type carries NA.

When team_participants_list = TRUE, a single list-column named team_participants is appended. Its one cell is a tibble with one row per team credited on the play and columns team_participant_index (1-based, ESPN order), team_id, team_ref, order, and type (e.g. offense, defense). A play with no team participants carries an empty 0-row tibble, never NULL. This option is independent of team_participants and composes with it – e.g. team_participants = "wide", team_participants_list = TRUE yields both the type-keyed {type}_team_* columns **and** the team_participants list-column, while team_participants = "none" adds neither.

When team_detail = TRUE (the default), the ESPN team catalog ([espn_cfb_teams\(\)](#)) is fetched once and joined onto **every** team-id column the output carries – the base team_id / start_team_id / end_team_id, plus any optional {type}_team_id (from team_participants = "wide") and {type}_player_team_id (from participants = "long") columns. For each id column X_id the friendly siblings X_name, X_abbreviation, X_location, X_display_name, X_short_display_name, X_nickname, X_color, X_alternate_color, X_logo_href, and X_logo_dark_href are inserted immediately after it (e.g. team_id -> team_name, team_abbreviation, ...; start_team_id -> start_team_name, ...). Rows whose id is missing or unmatched receive NA, and a catalog-fetch failure degrades the whole set to NA rather than erroring the wrapper. With team_detail = FALSE the friendly columns (and the catalog fetch) are skipped.

Value

A data frame with one row describing the play:

col_name	types	description
game_id	character	ESPN game identifier.
play_id	character	ESPN play id.
sequence_number	character	Play sequence number within the game.
type_id	character	Play-type id.
type_text	character	Play-type text (e.g. Pass Reception).
type_abbreviation	character	Play-type abbreviation (e.g. RUSH, TD).
text	character	Full play description.
short_text	character	Short play description.
alternative_text	character	Alternative play description.
short_alternative_text	character	Short alternative play description.
period	integer	Period (quarter) number.
clock	character	Game clock display value at the play (MM:SS).
clock_seconds	numeric	Game clock value in seconds at the play.
home_score	integer	Home-team score after the play.

away_score	integer	Away-team score after the play.
scoring_play	logical	TRUE if the play resulted in a score.
score_value	integer	Points scored on the play.
priority	logical	TRUE if ESPN flags the play as a priority highlight.
is_penalty	logical	TRUE if the play was a penalty.
is_turnover	logical	TRUE if the play was a turnover.
stat_yardage	integer	Yards gained or lost on the play.
scoring_type_name	character	Scoring-type key on a scoring play (e.g. touchdown).
scoring_type_display_name	character	Human-readable scoring-type name.
scoring_type_abbreviation	character	Scoring-type abbreviation (e.g. TD, FG).
point_after_attempt_id	integer	Point-after-attempt id on a scoring play.
point_after_attempt_text	character	Point-after-attempt text (e.g. Extra Point Good).
point_after_attempt_abbreviation	character	Point-after-attempt abbreviation.
point_after_attempt_value	integer	Points added by the point-after attempt.
start_down	integer	Down at the start of the play.
start_distance	integer	Yards to go at the start of the play.
start_yard_line	integer	Yard line at the start of the play.
start_yards_to_endzone	integer	Yards to the end zone at the start of the play.
start_down_distance_text	character	Down-and-distance text at the start of the play.
start_short_down_distance_text	character	Short down-and-distance text at the start of the play.
start_possession_text	character	Field-position text at the start of the play.
start_team_id	character	ESPN team id in possession at the start of the play.
end_down	integer	Down at the end of the play.
end_distance	integer	Yards to go at the end of the play.
end_yard_line	integer	Yard line at the end of the play.
end_yards_to_endzone	integer	Yards to the end zone at the end of the play.
end_down_distance_text	character	Down-and-distance text at the end of the play.
end_short_down_distance_text	character	Short down-and-distance text at the end of the play.
end_possession_text	character	Field-position text at the end of the play.
end_team_id	character	ESPN team id in possession at the end of the play.
team_id	character	ESPN team id of the offensive team (parsed from team_ref).
drive_play_id	character	ESPN drive id the play belongs to (parsed from drive_ref).
wallclock	character	Real-world ISO timestamp of the play.
modified	character	ISO timestamp the play record was last modified.
play_ref	character	\$ref URL to the play resource itself.
team_ref	character	\$ref URL to the offensive team resource.
start_team_ref	character	\$ref URL to the team in possession at the play start.
end_team_ref	character	\$ref URL to the team in possession at the play end.
drive_ref	character	\$ref URL to the play's drive resource.
probability_ref	character	\$ref URL to the play's win-probability resource.

The optional participant and team-participant columns are described in *Details* – they are added only when the corresponding argument requests them.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#),

```

espn_cfb_franchises(), espn_cfb_futures(), espn_cfb_game_broadcasts(), espn_cfb_game_drive_plays(),
espn_cfb_game_drives(), espn_cfb_game_leaders(), espn_cfb_game_odds(), espn_cfb_game_pbp(),
espn_cfb_game_player_box(), espn_cfb_game_player_statistics(), espn_cfb_game_powerindex(),
espn_cfb_game_predictor(), espn_cfb_game_probabilities(), espn_cfb_game_situation(),
espn_cfb_game_status(), espn_cfb_game_team_leaders(), espn_cfb_game_team_linescores(),
espn_cfb_game_team_records(), espn_cfb_game_team_roster(), espn_cfb_game_team_statistics(),
espn_cfb_game_teams(), espn_cfb_groups(), espn_cfb_pbp_v2(), espn_cfb_player(), espn_cfb_player_career_s
espn_cfb_player_eventlog(), espn_cfb_player_gamelog(), espn_cfb_player_overview(),
espn_cfb_player_seasons(), espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_players(),
espn_cfb_position(), espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(),
espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(),
espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

```

Examples

```

try(espn_cfb_game_play(game_id = 401628339,
                        play_id = "401628339101927401"))
try(espn_cfb_game_play(game_id = 401628339,
                        play_id = "401628339101927401",
                        participants = "long"))
try(espn_cfb_game_play(game_id = 401628339,
                        play_id = "401628339101927401",
                        participants = "wide",
                        participants_list = TRUE))
try(espn_cfb_game_play(game_id = 401628339,
                        play_id = "401628339101927401",
                        team_participants = "wide",
                        team_participants_list = TRUE))
try(espn_cfb_game_play(game_id = 401628339,
                        play_id = "401628339101927401",
                        team_detail = FALSE))

```

espn_cfb_game_player_box

ESPN College Football Game Player Box Score

Description

Get the full per-player box score for both teams in a single college football game – one row per (team x athlete x category x stat), in long format.

Usage

```

espn_cfb_game_player_box(
  game_id = NULL,

```

```

    position_detail = TRUE,
    team_detail = TRUE
  )

```

Arguments

game_id (*Integer* required): ESPN game identifier.

position_detail (*Logical*): when TRUE (default), fetch the ESPN position catalog once and join it onto **position_id**, appending the five **position_*** detail columns shown in the *Value* table. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the extra fetch and the join.

team_detail (*Logical*): when TRUE (default), fetch the ESPN team catalog ([espn_cfb_teams\(\)](#)) once and join friendly team fields next to the **team_id** column – **team_name**, **team_abbreviation**, **team_location**, **team_display_name**, **team_short_display_name**, **team_nickname**, **team_color**, **team_alternate_color**, **team_logo_href**, and **team_logo_dark_href**, inserted immediately after **team_id**. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/competitors/{team_id}/statistics`. This wrapper reads the teams list for the game, fetches the team statistics resource for **both** teams, and walks the per-category splits -> categories -> athletes arrays – the per-player box-score tree that the team-level [espn_cfb_game_team_statistics\(\)](#) wrapper (which walks categories -> stats) drops entirely.

Each athlete entry under a category carries only a \$ref to that athlete's per-game statistics resource; this wrapper dereferences each unique athlete statistics \$ref and flattens the nested splits -> categories -> stats tree into one long frame: one row per (team x athlete x category x stat). Athlete display names and position ids are joined from [espn_cfb_game_team_roster\(\)](#); a roster failure degrades to NA names rather than erroring. The long shape absorbs ESPN's habit of adding and retiring stat keys across seasons.

When **position_detail** = TRUE (the default) the ESPN position catalog ([espn_cfb_positions\(\)](#)) is fetched once and joined onto **position_id**, so the output carries the full position name / abbreviation (see *Details*).

When **position_detail** = TRUE (the default), the **position_id** column (roster-joined per athlete) is enriched with five columns from the ESPN position catalog ([espn_cfb_positions\(\)](#)): **position_name**, **position_display_name**, **position_abbreviation**, **position_leaf**, and **position_parent_id**. The catalog is fetched once per call. A row whose **position_id** is missing or unmatched receives NA for all five, and a catalog-fetch failure degrades the whole set to NA rather than erroring the wrapper. With **position_detail** = FALSE the five columns (and the catalog fetch) are skipped.

Value

A data frame with one row per team-athlete-category-stat:

col_name	types	description
game_id	character	ESPN game identifier.
team_id	character	ESPN team id (competitor id) for the team.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alterate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
home_away	character	home or away.
athlete_id	character	ESPN athlete id (parsed from the athlete \$ref).
athlete_name	character	Athlete display name (roster-joined).
position_id	character	ESPN position id (roster-joined; NA if unmatched).
category_name	character	Stat category key (e.g. passing, rushing).
category_display	character	Human-readable category name.
category_short_display	character	Short human-readable category name.
category_summary	character	ESPN's summary string for the category.
stat_name	character	Internal stat key (e.g. passingYards).
abbreviation	character	Stat abbreviation.
display_name	character	Human-readable stat name.
short_display_name	character	Short human-readable stat name.
description	character	ESPN's description of the stat.
value	numeric	Stat value.
display_value	character	Display-formatted stat value as shown on ESPN.
statistics_ref	character	\$ref URL to the athlete's game-statistics resource.
position_name	character	Position name (e.g. Quarterback); position_detail = TRUE only.
position_display_name	character	Human-readable position name; position_detail = TRUE only.
position_abbreviation	character	Position abbreviation (e.g. QB); position_detail = TRUE only.
position_leaf	logical	TRUE for a most-specific (leaf) position; position_detail = TRUE only.
position_parent_id	character	ESPN id of the parent position; position_detail = TRUE only.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#),

```

espn_cfb_position(), espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(),
espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(),
espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

```

Examples

```

try(espn_cfb_game_player_box(game_id = 401628339))
try(espn_cfb_game_player_box(game_id = 401628339,
                             position_detail = FALSE))
try(espn_cfb_game_player_box(game_id = 401628339,
                             team_detail = FALSE))

```

espn_cfb_game_player_statistics

ESPN College Football Game Player Statistics (Single Athlete)

Description

Get one athlete's box-score line for a single college football game – one row per stat, in long format.

Usage

```

espn_cfb_game_player_statistics(
  game_id = NULL,
  athlete_id = NULL,
  position_detail = TRUE,
  team_detail = TRUE
)

```

Arguments

game_id	(<i>Integer</i> required): ESPN game identifier.
athlete_id	(<i>Integer</i> required): ESPN athlete id (from espn_cfb_game_leaders() or a roster wrapper).
position_detail	(<i>Logical</i>): when TRUE (default), fetch the ESPN position catalog once and join it onto position_id, appending the five position_* detail columns shown in the <i>Value</i> table. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the extra fetch and the join.
team_detail	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog (espn_cfb_teams()) once and join friendly team fields next to the team_id column – team_name, team_abbreviation, team_location, team_display_name, team_short_display_name, team_nickname, team_color, team_alternate_color, team_logo_href, and

team_logo_dark_href, inserted immediately after team_id. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 per-game, per-player statistics resource `events/{game_id}/competitions/{game_id}/competitions`. The competition id always equals the game id.

ESPN reaches per-player game stats through the competitor roster tree – dereferencing all ~250 athletes on the two rosters per game is impractical, so this wrapper is **scoped to one athlete**. It fetches the two competitor rosters, finds the entry whose athlete_id matches the supplied athlete_id, follows that athlete's statistics \$ref, and returns that player's stat line in long format – one row per stat, with the stat category, name, value, and display value.

For a full all-players game box score, the **site-v2 game-summary feed is the better source** – it returns every player's box line in one call. Use this core-v2 wrapper when you need a single athlete's stats in the core-v2 id space, e.g. drilling down from `espn_cfb_game_leaders()`.

If the athlete is not found on either roster, or did not record stats for the game (no statistics \$ref), an empty data frame is returned.

When position_detail = TRUE (the default) the ESPN position catalog (`espn_cfb_positions()`) is fetched once and joined onto the athlete's position_id, so the output carries the full position name / abbreviation (see *Details*).

When position_detail = TRUE (the default), the athlete's position_id (read from the roster entry) is enriched with five columns from the ESPN position catalog (`espn_cfb_positions()`): position_name, position_display_name, position_abbreviation, position_leaf, and position_parent_id. The catalog is fetched once per call. If the athlete carries no position_id or it is unmatched, all five are NA, and a catalog-fetch failure degrades the whole set to NA rather than erroring the wrapper. With position_detail = FALSE the five columns (and the catalog fetch) are skipped.

Value

A data frame with one row per stat for the athlete:

col_name	types	description
game_id	character	ESPN game identifier.
athlete_id	character	ESPN athlete id.
team_id	character	ESPN team id of the athlete's team (competitor id).
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alterate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
athlete_display_name	character	Athlete display name (from the roster entry).


```
try(espn_cfb_game_player_statistics(game_id = 401628339,
                                   athlete_id = 4429105,
                                   team_detail = FALSE))
```

espn_cfb_game_powerindex

ESPN College Football Game Power Index (Matchup FPI)

Description

Get ESPN's Football Power Index (FPI) matchup projections for both teams in a single college football game, in long format.

Usage

```
espn_cfb_game_powerindex(game_id = NULL, team_detail = TRUE)
```

Arguments

game_id	(<i>Integer</i> required): ESPN game identifier.
team_detail	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/powerindex`. The endpoint returns one \$ref per team; this wrapper dereferences each and flattens the per-team stats array into one long frame – one row per (team x FPI metric). Metrics include the predicted point differential, matchup quality, and game-projection components ESPN derives from FPI for that specific game. The long shape absorbs ESPN's habit of adding and retiring metrics across seasons.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per team-metric:

col_name	types	description
game_id	character	ESPN game identifier.
season	integer	Season (4-digit year) of the game.

team_id	character	ESPN team id (parsed from team_ref).
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
stat_name	character	FPI metric key (e.g. teampredptdiff).
abbreviation	character	Metric abbreviation.
display_name	character	Human-readable metric name.
short_display_name	character	Short human-readable metric name.
value	numeric	Metric value.
display_value	character	Display-formatted metric value as shown on ESPN.
description	character	ESPN's description of the metric.
powerindex_ref	character	\$ref URL to the per-team power-index resource.
team_ref	character	\$ref URL to the team-in-season resource.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_linescores()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_game_powerindex(game_id = 401628339))
try(espn_cfb_game_powerindex(game_id = 401628339, team_detail = FALSE))
```

espn_cfb_game_predictor

ESPN College Football Game Predictor (BPI Matchup Predictor)

Description

Get ESPN's pre-game matchup predictor (Football Power Index game projection) for a single college football game.

Usage

```
espn_cfb_game_predictor(game_id = NULL, team_detail = TRUE)
```

Arguments

`game_id` (*Integer* required): ESPN game identifier for a completed game.

`team_detail` (*Logical*): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the `team_id` column (see *Details*). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/predictor`. ESPN's predictor resource carries one statistics block per team (home and away); this wrapper flattens both into one long frame – one row per (team x predictor metric). Metrics include each team's projected win probability (`gameProjection`), predicted point total, and matchup-quality scores.

This endpoint responds HTTP 400 for future / not-yet-scheduled games and is only reliably populated for **completed** games. The @examples use a finished game; pass `game_id` values for completed games.

When `team_detail = TRUE` (the default) the ESPN team catalog ([espn_cfb_teams\(\)](#)) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per team-predictor metric:

col_name	types	description
<code>game_id</code>	character	ESPN game identifier.
<code>matchup_name</code>	character	Predictor matchup name (e.g. TNTC at Georgia).
<code>matchup_short_name</code>	character	Short predictor matchup name (e.g. TNTC @ UGA).
<code>last_modified</code>	character	ISO timestamp the predictor was last run.

team_side	character	home or away.
team_id	character	ESPN team id (parsed from team_ref).
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
stat_name	character	Predictor metric key (e.g. gameProjection).
abbreviation	character	Metric abbreviation.
display_name	character	Human-readable metric name.
short_display_name	character	Short human-readable metric name.
value	numeric	Metric value.
display_value	character	Display-formatted metric value as shown on ESPN.
description	character	ESPN's description of the metric.
team_ref	character	\$ref URL to the team-in-season resource.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_linescores()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_s`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_game_predictor(game_id = 401628339))
try(espn_cfb_game_predictor(game_id = 401628339, team_detail = FALSE))
```

espn_cfb_game_probabilities

ESPN College Football Game Win Probabilities

Description

Get ESPN's play-by-play win-probability series for a single college football game – one row per play.

Usage

```
espn_cfb_game_probabilities(game_id = NULL, team_detail = TRUE)
```

Arguments

game_id *(Integer required)*: ESPN game identifier for a completed game.

team_detail *(Logical)*: when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the home_team_id / away_team_id columns (see *Details*). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the paginated ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/probabilities`. The endpoint is paginated; this wrapper loops every page and stacks the results into one frame – one row per play, each carrying the home / away / tie win percentages at that point in the game, plus spread-cover and total (over/under) probabilities. `play_id` is parsed from each row's play \$ref so the series can be joined to [espn_cfb_game_pbp\(\)](#).

This endpoint responds HTTP 400 for future / not-yet-played games and is only populated for **completed** games. The @examples use a finished game; pass `game_id` values for completed games.

When `team_detail = TRUE` (the default) the ESPN team catalog ([espn_cfb_teams\(\)](#)) is fetched once and friendly team fields are joined in next to both the `home_team_id` and `away_team_id` columns – e.g. `home_team_name`, `home_team_abbreviation`, ..., `away_team_name`, `away_team_abbreviation`, A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per play:

col_name	types	description
game_id	character	ESPN game identifier.
play_id	character	ESPN play id (parsed from the play \$ref).
sequence_number	character	Play sequence number within the game.
home_team_id	character	ESPN home team id (parsed from home_team_ref).
home_team_name	character	Home team nickname; team_detail = TRUE only.
home_team_abbreviation	character	Home team abbreviation; team_detail = TRUE only.

home_team_location	character	Home team location / school; team_detail = TRUE only.
home_team_display_name	character	Home team full display name; team_detail = TRUE only.
home_team_short_display_name	character	Home team short display name; team_detail = TRUE only.
home_team_nickname	character	Home team nickname label; team_detail = TRUE only.
home_team_color	character	Home team primary color; team_detail = TRUE only.
home_team_alternate_color	character	Home team alternate color; team_detail = TRUE only.
home_team_logo_href	character	Home team default logo URL; team_detail = TRUE only.
home_team_logo_dark_href	character	Home team dark logo URL; team_detail = TRUE only.
away_team_id	character	ESPN away team id (parsed from away_team_ref).
away_team_name	character	Away team nickname; team_detail = TRUE only.
away_team_abbreviation	character	Away team abbreviation; team_detail = TRUE only.
away_team_location	character	Away team location / school; team_detail = TRUE only.
away_team_display_name	character	Away team full display name; team_detail = TRUE only.
away_team_short_display_name	character	Away team short display name; team_detail = TRUE only.
away_team_nickname	character	Away team nickname label; team_detail = TRUE only.
away_team_color	character	Away team primary color; team_detail = TRUE only.
away_team_alternate_color	character	Away team alternate color; team_detail = TRUE only.
away_team_logo_href	character	Away team default logo URL; team_detail = TRUE only.
away_team_logo_dark_href	character	Away team dark logo URL; team_detail = TRUE only.
home_win_percentage	numeric	Home-team win probability after the play (0-1).
away_win_percentage	numeric	Away-team win probability after the play (0-1).
tie_percentage	numeric	Tie probability after the play (0-1).
seconds_left	integer	Seconds left in the game at the play.
spread_cover_prob_home	numeric	Probability the home team covers the spread.
spread_push_prob	numeric	Probability of a spread push.
total_over_prob	numeric	Probability the game total goes over.
total_push_prob	numeric	Probability of a total push.
source_id	character	ESPN data-source id for the probability row.
source_description	character	ESPN data-source description (e.g. feed).
source_state	character	ESPN data-source state (e.g. full).
last_modified	character	ISO timestamp the probability row was last modified.
play_ref	character	\$ref URL to the play resource for the row.
competition_ref	character	\$ref URL to the competition resource.
home_team_ref	character	\$ref URL to the home team resource.
away_team_ref	character	\$ref URL to the away team resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_s](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#),

espn_cfb_player_seasons(), espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_players(), espn_cfb_position(), espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(), espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(), espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(), espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(), espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(), espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

Examples

```
try(espn_cfb_game_probabilities(game_id = 401628339))
try(espn_cfb_game_probabilities(game_id = 401628339,
                                team_detail = FALSE))
```

espn_cfb_game_situation
ESPN College Football Game Situation

Description

Get the current (or final) game situation for a single college football game – down, distance, yard line, red-zone flag, timeouts, and a \$ref to the last play.

Usage

```
espn_cfb_game_situation(game_id = NULL)
```

Arguments

game_id (*Integer* required): ESPN game identifier.

Details

Wraps the ESPN core-v2 endpoint events/{game_id}/competitions/{game_id}/situation. The competition id always equals the game id. Returns a single-row data frame describing the live game situation. For an in-progress game this is the current state; for a completed game it is static – the final play state. The last_play_ref column is the \$ref URL to the last play; parse its id and pass it to [espn_cfb_game_play\(\)](#) for the full play detail.

Value

A data frame with one row describing the game situation:

col_name	types	description
game_id	character	ESPN game identifier.
down	integer	Current down.
distance	integer	Yards to go for a first down.

yard_line	integer	Current yard line.
is_red_zone	logical	TRUE if the offense is in the red zone.
home_timeouts	integer	Home-team timeouts remaining.
away_timeouts	integer	Away-team timeouts remaining.
last_play_id	character	ESPN play id of the last play (parsed from last_play_ref).
situation_ref	character	\$ref URL to the situation resource itself.
last_play_ref	character	\$ref URL to the last-play resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_game_situation(game_id = 401628339))
```

espn_cfb_game_status	ESPN College Football Game Status
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Description

Get the competition status for a single college football game – clock, period, and the status type/state (scheduled, in-progress, final).

Usage

```
espn_cfb_game_status(game_id = NULL)
```

Arguments

game_id (Integer required): ESPN game identifier.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/status`. The competition id always equals the game id. Returns a single-row data frame describing the game's status. For a completed game state is post and completed is TRUE; for an in-progress game the clock and period reflect live game time.

Value

A data frame with one row describing the game status:

col_name	types	description
game_id	character	ESPN game identifier.
clock	numeric	Game clock value in seconds.
display_clock	character	Game clock display value (MM:SS).
period	integer	Period (quarter) number.
status_id	character	ESPN status-type id.
status_name	character	Status-type key (e.g. STATUS_FINAL).
status_state	character	Status state (pre, in, or post).
completed	logical	TRUE if the game is complete.
description	character	Status description (e.g. Final).
detail	character	Detailed status text.
short_detail	character	Short status text.
status_ref	character	\$ref URL to the status resource itself.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_linescores\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_game_status(game_id = 401628339))
```

espn_cfb_game_teams	ESPN College Football Game Teams
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Description

Get the two teams (home and away teams) for a single college football game, with team identifiers, home/away designation, winner flag, and the \$ref URLs to every per-team sub-resource.

Usage

```
espn_cfb_game_teams(  
  game_id = NULL,  
  team_detail = TRUE,  
  format = c("long", "wide")  
)
```

Arguments

game_id	(Integer required): ESPN game identifier.
team_detail	(Logical): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to every team-id column (team_id, competitor_id; see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.
format	(Character): output shape, one of "long" (default, one row per competitor) or "wide" (one row per game with home_* / away_* columns). See <i>Details</i> .

Details

Wraps the ESPN core-v2 endpoint events/{game_id}/competitions/{game_id}/competitors. The competition id always equals the game id. By default returns one row per team (two rows per game). Each row carries the \$ref URLs ESPN publishes for that team's score, linescores, roster, statistics, leaders, and record resources – the dedicated espn_cfb_game_team_*() wrappers fetch and flatten those resources for you. curated_rank is the AP/Coaches-poll style rank ESPN attaches to the team at game time.

The format argument controls the output shape:

- "long" (default) – one row per competitor (two rows per game), with the home_away column, as shown in the *Value* table.
- "wide" – **one row per game**: every per-competitor column is pivoted to a home_* / away_* column keyed off the home_away value (e.g. home_team_id, home_winner, home_curated_rank, away_team_id, away_winner, ...). game_id stays a single key column, so a "wide" result is directly joinable onto any one-row-per-game table.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to every team-id column – `team_id` and `competitor_id`. For `team_id` the siblings are `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alterate_color`, `team_logo_href`, `team_logo_dark_href`; `competitor_id` gains the parallel `competitor_name`, `competitor_abbreviation`, `team_detail` composes with format – in "wide" mode the `home_team_id` / `away_team_id` columns get `home_team_name` / `away_team_name` / etc. too. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame. When `format = "long"` (default), one row per team (two per game):

col_name	types	description
<code>game_id</code>	character	ESPN game identifier.
<code>competitor_id</code>	character	ESPN competitor id (equals the team id).
<code>competitor_name</code>	character	Team nickname; <code>team_detail = TRUE</code> only.
<code>competitor_abbreviation</code>	character	Team abbreviation; <code>team_detail = TRUE</code> only.
<code>competitor_location</code>	character	Team location / school; <code>team_detail = TRUE</code> only.
<code>competitor_display_name</code>	character	Full team display name; <code>team_detail = TRUE</code> only.
<code>competitor_short_display_name</code>	character	Short team display name; <code>team_detail = TRUE</code> only.
<code>competitor_nickname</code>	character	Team nickname label; <code>team_detail = TRUE</code> only.
<code>competitor_color</code>	character	Primary team color; <code>team_detail = TRUE</code> only.
<code>competitor_alterate_color</code>	character	Alternate team color; <code>team_detail = TRUE</code> only.
<code>competitor_logo_href</code>	character	Default team logo URL; <code>team_detail = TRUE</code> only.
<code>competitor_logo_dark_href</code>	character	Dark-variant team logo URL; <code>team_detail = TRUE</code> only.
<code>team_id</code>	character	ESPN team id (parsed from <code>team_ref</code>).
<code>team_name</code>	character	Team nickname; <code>team_detail = TRUE</code> only.
<code>team_abbreviation</code>	character	Team abbreviation; <code>team_detail = TRUE</code> only.
<code>team_location</code>	character	Team location / school name; <code>team_detail = TRUE</code> only.
<code>team_display_name</code>	character	Full team display name; <code>team_detail = TRUE</code> only.
<code>team_short_display_name</code>	character	Short team display name; <code>team_detail = TRUE</code> only.
<code>team_nickname</code>	character	Team nickname label; <code>team_detail = TRUE</code> only.
<code>team_color</code>	character	Primary team color; <code>team_detail = TRUE</code> only.
<code>team_alterate_color</code>	character	Alternate team color; <code>team_detail = TRUE</code> only.
<code>team_logo_href</code>	character	Default team logo URL; <code>team_detail = TRUE</code> only.
<code>team_logo_dark_href</code>	character	Dark-variant team logo URL; <code>team_detail = TRUE</code> only.
<code>order</code>	integer	Team order within the competition (0 = first).
<code>home_away</code>	character	home or away.
<code>winner</code>	logical	TRUE if this team won the game.
<code>competitor_type</code>	character	Competitor type (e.g. team).
<code>curated_rank</code>	integer	Curated poll rank at game time (99 if unranked).
<code>uid</code>	character	ESPN universal identifier for the team.
<code>team_ref</code>	character	\$ref URL to the team-in-season resource.
<code>score_ref</code>	character	\$ref URL to the team score resource.
<code>linescores_ref</code>	character	\$ref URL to the team linescores resource.
<code>roster_ref</code>	character	\$ref URL to the team roster resource.
<code>statistics_ref</code>	character	\$ref URL to the team statistics resource.
<code>leaders_ref</code>	character	\$ref URL to the team leaders resource.

record_ref	character	\$ref URL to the team record resource.
ranks_ref	character	\$ref URL to the team week-ranks resource.
competitor_ref	character	\$ref URL to the competitor resource itself.

When format = "wide" the result is a single row per game: game_id stays one key column and every other column above is emitted twice, prefixed home_ and away_ (e.g. home_team_id, home_team_name, home_winner, home_curated_rank, away_team_id, away_team_name, ...).

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineups\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_game_teams(game_id = 401628339))
try(espn_cfb_game_teams(game_id = 401628339, format = "wide"))
try(espn_cfb_game_teams(game_id = 401628339, team_detail = FALSE))
```

espn_cfb_game_team_leaders
ESPN College Football Game Team Leaders

Description

Get each team’s statistical leaders (passing, rushing, receiving, ...) for a single college football game.

Usage

```
espn_cfb_game_team_leaders(game_id = NULL, team_detail = TRUE)
```

Arguments

game_id	(Integer required): ESPN game identifier.
team_detail	(Logical): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id and leader_team_id columns (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/competitors/{team_id}/leaders`. This wrapper reads the teams list for the game and fetches the leaders resource for **both** teams, flattening the nested categories -> leaders tree into one long frame: one row per (team x category x leader). rank is the leader's position within the category (1 = top performer). display_value is ESPN's pre-formatted stat line (e.g. "18/25, 242 YDS, 5 TD").

When team_detail = TRUE (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to both team-id columns – team_id gains team_name, team_abbreviation, ..., and leader_team_id gains leader_team_name, leader_team_abbreviation, A catalog failure degrades to NA rather than erroring the wrapper. Set team_detail = FALSE to skip the catalog fetch and the join.

Value

A data frame with one row per team-category-leader:

col_name	types	description
game_id	character	ESPN game identifier.
team_id	character	ESPN team id for the team.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alterate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
home_away	character	home or away.
category_name	character	Leader category key (e.g. passingLeader).
category_display	character	Human-readable category name.
category_short_display	character	Short human-readable category name.
category_abbrev	character	Category abbreviation.
rank	integer	Leader rank within the category (1 = top performer).
athlete_id	character	ESPN athlete id (parsed from athlete_ref).
leader_team_id	character	ESPN team id of the leader (parsed from leader_team_ref).
leader_team_name	character	Leader's team nickname; team_detail = TRUE only.
leader_team_abbreviation	character	Leader's team abbreviation; team_detail = TRUE only.
leader_team_location	character	Leader's team location; team_detail = TRUE only.
leader_team_display_name	character	Leader's team full display name; team_detail = TRUE only.

leader_team_short_display_name	character	Leader's team short display name; team_detail = TRUE only.
leader_team_nickname	character	Leader's team nickname label; team_detail = TRUE only.
leader_team_color	character	Leader's team primary color; team_detail = TRUE only.
leader_team_alterate_color	character	Leader's team alternate color; team_detail = TRUE only.
leader_team_logo_href	character	Leader's team default logo URL; team_detail = TRUE only.
leader_team_logo_dark_href	character	Leader's team dark logo URL; team_detail = TRUE only.
value	numeric	Leading statistic value.
display_value	character	ESPN's pre-formatted stat line for the leader.
athlete_ref	character	\$ref URL to the athlete-in-event resource.
leader_team_ref	character	\$ref URL to the leader's team resource.
statistics_ref	character	\$ref URL to the leader's game-statistics resource.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_linescores()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_s`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_game_team_leaders(game_id = 401628339))
try(espn_cfb_game_team_leaders(game_id = 401628339,
                                team_detail = FALSE))
```

espn_cfb_game_team_linescores

ESPN College Football Game Team Linescores

Description

Get the quarter-by-quarter linescores for both teams in a single college football game.

Usage

```
espn_cfb_game_team_linescores(game_id = NULL, team_detail = TRUE)
```

Arguments

`game_id` (*Integer* required): ESPN game identifier.

`team_detail` (*Logical*): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the `team_id` column (see *Details*). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/competitors/{team_id}/linescores`. This wrapper first reads the teams list for the game and then fetches the linescores resource for **both** teams, stacking the results into one long frame – one row per (team x period). `home_away` identifies which team a row belongs to. Periods 1-4 are quarters; periods 5+ are overtime sessions.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per team-period:

col_name	types	description
<code>game_id</code>	character	ESPN game identifier.
<code>team_id</code>	character	ESPN team id for the team.
<code>team_name</code>	character	Team nickname; <code>team_detail = TRUE</code> only.
<code>team_abbreviation</code>	character	Team abbreviation; <code>team_detail = TRUE</code> only.
<code>team_location</code>	character	Team location / school name; <code>team_detail = TRUE</code> only.
<code>team_display_name</code>	character	Full team display name; <code>team_detail = TRUE</code> only.
<code>team_short_display_name</code>	character	Short team display name; <code>team_detail = TRUE</code> only.
<code>team_nickname</code>	character	Team nickname label; <code>team_detail = TRUE</code> only.
<code>team_color</code>	character	Primary team color; <code>team_detail = TRUE</code> only.
<code>team_alternate_color</code>	character	Alternate team color; <code>team_detail = TRUE</code> only.
<code>team_logo_href</code>	character	Default team logo URL; <code>team_detail = TRUE</code> only.
<code>team_logo_dark_href</code>	character	Dark-variant team logo URL; <code>team_detail = TRUE</code> only.
<code>home_away</code>	character	home or away.
<code>period</code>	integer	Period number (1-4 quarters; 5+ overtime).
<code>value</code>	numeric	Points scored by the team in that period.
<code>display_value</code>	character	Display-formatted period score.
<code>source_id</code>	character	ESPN data-source id for the linescore.
<code>source_state</code>	character	ESPN data-source state (e.g. full).
<code>source_description</code>	character	ESPN data-source description (e.g. Basic/Manual).
<code>linescore_ref</code>	character	\$ref URL to the per-period linescore resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_re](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_game_team_linescores(game_id = 401628339))
try(espn_cfb_game_team_linescores(game_id = 401628339,
                                  team_detail = FALSE))
```

espn_cfb_game_team_records
ESPN College Football Game Team Records

Description

Get each team’s win-loss records (overall, home, road, conference) as they stood at the time of a single college football game.

Usage

```
espn_cfb_game_team_records(game_id = NULL, detail = FALSE, team_detail = TRUE)
```

Arguments

- game_id (Integer required): ESPN game identifier.
- detail (Logical): controls the output shape. One of:

- FALSE (default) – the summary output, one row per (team x record type), with the columns shown in the *Value* table below.
 - TRUE – a long frame, one row per (team x record x stat) expanding each record's nested stats[] array (see *Details*).
- team_detail (Logical): when TRUE (default), fetch the ESPN team catalog (`espn_cfb_teams()`) once and join friendly team fields next to the team_id column – team_name, team_abbreviation, team_location, team_display_name, team_short_display_name, team_nickname, team_color, team_alternate_color, team_logo_href, and team_logo_dark_href, inserted immediately after team_id. Composes with detail – both output shapes carry team_id. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/competitors/{team_id}/records`. This wrapper reads the teams list for the game and fetches the records resource for **both** teams, stacking the items arrays into one long frame – one row per (team x record type). Each record type carries a summary string (e.g. "2-0"). With detail = TRUE the per-record statistic breakdown (points-per-game, streak, ...) nested under each record is also expanded. home_away identifies which team a row belongs to.

When detail = TRUE the returned frame is in long format with one row per (team x record x stat), with columns: game_id, team_id, home_away, record_type (the record-type key, e.g. overall), record_summary (the record's win-loss summary string), stat_name, stat_type (the stat-type key, e.g. wins), abbreviation, display_name, short_display_name, description (ESPN's description of the stat), value, and display_value.

Value

A data frame with one row per team-record type (when detail = FALSE):

col_name	types	description
game_id	character	ESPN game identifier.
team_id	character	ESPN team id for the team.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
home_away	character	home or away.
record_id	character	ESPN record-type id.
name	character	Record-type key (e.g. overall, Home, Road).
abbreviation	character	Record-type abbreviation.
display_name	character	Human-readable record-type name.

short_display_name	character	Short human-readable record-type name.
description	character	ESPN’s description of the record type.
type	character	Record-type category (e.g. total, home, road).
summary	character	Win-loss summary string (e.g. 2–0).
display_value	character	Display-formatted record value.
value	numeric	Numeric record value.
record_ref	character	\$ref URL to the record resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_game_team_records(game_id = 401628339))
try(espn_cfb_game_team_records(game_id = 401628339, detail = TRUE))
try(espn_cfb_game_team_records(game_id = 401628339,
                                team_detail = FALSE))
```

espn_cfb_game_team_roster
ESPN College Football Game Team Roster

Description

Get the game-day roster for both teams in a single college football game, including each player’s jersey number, starter flag, and active/did-not-play status.

Usage

```
espn_cfb_game_team_roster(
  game_id = NULL,
  position_detail = TRUE,
  team_detail = TRUE
)
```

Arguments

`game_id` (*Integer* required): ESPN game identifier.

`position_detail` (*Logical*): when TRUE (default), fetch the ESPN position catalog once and join it onto `position_id`, appending the five `position_*` detail columns shown in the *Value* table. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the extra fetch and return the original column set.

`team_detail` (*Logical*): when TRUE (default), fetch the ESPN team catalog ([espn_cfb_teams\(\)](#)) once and join friendly team fields next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/competitors/{team_id}/roster`. This wrapper reads the teams list for the game and fetches the roster resource for **both** teams, stacking the entries arrays into one long frame – one row per (team x rostered player). `home_away` identifies which team a row belongs to. Players are returned as ESPN athlete ids; join to another athlete source for names.

When `position_detail = TRUE` (the default) the ESPN position catalog ([espn_cfb_positions\(\)](#)) is fetched once and joined onto `position_id`, so the output carries the full position name / abbreviation rather than the bare id (see *Details*).

When `position_detail = TRUE` (the default), five columns are appended by joining the ESPN position catalog ([espn_cfb_positions\(\)](#)) on `position_id`: `position_name`, `position_display_name`, `position_abbreviation`, `position_leaf`, and `position_parent_id`. The catalog is fetched once per call. A roster entry whose `position_id` is missing or unmatched receives NA for all five, and a catalog-fetch failure degrades the whole set to NA rather than erroring the wrapper. With `position_detail = FALSE` the five columns are omitted and the original roster schema is returned unchanged.

Value

A data frame with one row per rostered player:

col_name	types	description
<code>game_id</code>	character	ESPN game identifier.

team_id	character	ESPN team id for the team.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alterate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
home_away	character	home or away.
athlete_id	character	ESPN athlete id (parsed from athlete_ref).
player_id	character	ESPN player id from the roster entry.
display_name	character	Player display name as shown by ESPN.
jersey	character	Jersey number.
position_id	character	ESPN position id (parsed from position_ref).
period	integer	Period the player entered the game (0 if none).
starter	logical	TRUE if the player started the game.
active	logical	TRUE if the player was active for the game.
did_not_play	logical	TRUE if the player did not play.
valid	logical	TRUE if the roster entry is flagged valid by ESPN.
athlete_ref	character	\$ref URL to the athlete-in-season resource.
position_ref	character	\$ref URL to the position resource.
position_name	character	Position name (e.g. Quarterback); position_detail = TRUE only.
position_display_name	character	Human-readable position name; position_detail = TRUE only.
position_abbreviation	character	Position abbreviation (e.g. QB); position_detail = TRUE only.
position_leaf	logical	TRUE for a most-specific (leaf) position; position_detail = TRUE only.
position_parent_id	character	ESPN id of the parent position; position_detail = TRUE only.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#),

[espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_game_team_roster(game_id = 401628339))
try(espn_cfb_game_team_roster(game_id = 401628339,
                              position_detail = FALSE))
try(espn_cfb_game_team_roster(game_id = 401628339,
                              team_detail = FALSE))
```

espn_cfb_game_team_statistics

ESPN College Football Game Team Statistics

Description

Get the full team box-score statistics for both teams in a single college football game, in long format.

Usage

```
espn_cfb_game_team_statistics(game_id = NULL, team_detail = TRUE)
```

Arguments

game_id	(<i>Integer</i> required): ESPN game identifier.
team_detail	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `events/{game_id}/competitions/{game_id}/competitors/{team_id}/statistics`. This wrapper reads the teams list for the game and fetches the statistics resource for **both** teams, flattening the nested splits -> categories -> stats tree into one long frame: one row per (team x category x stat). The long shape absorbs ESPN's habit of adding and retiring stat keys across seasons. Pivot wider with [tidyr::pivot_wider\(\)](#) keyed on stat_name when a wide team box is wanted.

When team_detail = TRUE (the default) the ESPN team catalog ([espn_cfb_teams\(\)](#)) is fetched once and friendly team fields are joined in next to the team_id column – team_name, team_abbreviation, team_location, team_display_name, team_short_display_name, team_nickname, team_color, team_alternate_color, team_logo_href, and team_logo_dark_href. A catalog failure degrades to NA rather than erroring the wrapper. Set team_detail = FALSE to skip the catalog fetch and the join.

Value

A data frame with one row per team-category-stat:

col_name	types	description
game_id	character	ESPN game identifier.
team_id	character	ESPN team id for the team.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
home_away	character	home or away.
split_id	character	ESPN statistics-split id.
split_name	character	ESPN statistics-split name (e.g. Total).
split_abbreviation	character	ESPN statistics-split abbreviation.
category_name	character	Stat category key (e.g. general, passing).
category_display	character	Human-readable category name.
category_short_display	character	Short human-readable category name.
category_abbreviation	character	Stat-category abbreviation.
category_summary	character	ESPN's summary string for the category.
stat_name	character	Internal stat key (e.g. passingYards).
abbreviation	character	Stat abbreviation.
display_name	character	Human-readable stat name.
short_display_name	character	Short human-readable stat name.
value	numeric	Stat value.
display_value	character	Display-formatted stat value as shown on ESPN.
description	character	ESPN's description of the stat.
statistics_ref	character	\$ref URL to the team's statistics resource.
team_ref	character	\$ref URL to the team-in-season resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#),

espn_cfb_player_seasons(), espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_players(),
espn_cfb_position(), espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(),
espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(),
espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

Examples

```
try(espn_cfb_game_team_statistics(game_id = 401628339))
try(espn_cfb_game_team_statistics(game_id = 401628339,
                                team_detail = FALSE))
```

espn_cfb_groups	ESPN College Football Groups & Conferences
-----------------	--

Description

Get the full ESPN group hierarchy for a college football season – the division roll-ups (Division I, FBS, FCS) and every conference nested beneath them, flattened into one catalog table.

Usage

```
espn_cfb_groups(year = NULL, season_type = 2)
```

Arguments

- year (*Integer* required): Season, 4 digit format (YYYY).
Minimum value accepted: 2001
- season_type (*Integer* default 2): ESPN season type id. 2 = regular season is the sensible default.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/seasons/{year}/groups`. ESPN's group index only exposes two top-level groups; the conferences sit several levels deep under children. This wrapper walks the tree recursively, dereferencing every node, and returns one row per group. Filter `is_conference == TRUE` for the actual conferences (ACC, SEC, Big Ten, ...); the `group_id` of a conference is what `espn_cfb_standings()` accepts as `group_id`. The `parent_group_id` column lets you reconstruct the division -> conference nesting.

Value

A data frame with one row per group:

col_name	types	description
season	integer	Season (4-digit year).
season_type	integer	ESPN season type id queried.
group_id	character	ESPN group id.
name	character	Group / conference name.
abbreviation	character	Group abbreviation.
short_name	character	Group short name.
is_conference	logical	TRUE for an actual conference, FALSE for a division roll-up.
parent_group_id	character	group_id of the parent node (NA at the root).
slug	character	Group slug.
group_ref	character	\$ref URL to the group resource.
standings_ref	character	\$ref URL to the group standings resource.
teams_ref	character	\$ref URL to the group teams index.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_groups(year = 2024))
```

espn_cfb_pbp	<i>Get ESPN college football PBP data</i>
--------------	---

Description

Get ESPN college football PBP data

Usage

```
espn_cfb_pbp(game_id, epa_wpa = FALSE, engine = NULL, output = "default")
```

Arguments

game_id	Game ID
epa_wpa	Logical parameter (TRUE/FALSE) to return the Expected Points Added/Win Probability Added variables
engine	(<i>Character</i> optional): which play-by-play engine to run. One of "v2", "legacy" or "auto"; NULL (default) resolves from <code>getOption("cfbfastR.pbp_engine")</code> , which itself defaults to "v2" as of this release. "legacy" is the escape hatch that reproduces the pre-2.3.0 frame; "auto" means whatever this version of the package considers current, so it is carried forward by future default flips.
output	(<i>Character</i>): modeled-output column set, one of "default", "lean" or "full". Only meaningful when the call reaches the v2 engine; it is accepted here so a delegating caller can reach the tier selector without switching to the <code>espn_cfb_pbp_v2()</code> name.

Value

A data frame with college football play-by-play data

Author(s)

Saiem Gilani

Examples

```
try(espn_cfb_pbp(game_id = 401282614, epa_wpa = TRUE))
```

espn_cfb_pbp_v2	Get ESPN College Football Play-by-Play (core-v2)
-----------------	---

Description

The core-v2-sourced successor to `espn_cfb_pbp()`. Returns one tidy row per play for a single college football game, optionally with the full Expected Points Added (EPA) / Win Probability Added (WPA) modeling attached. It supersedes the legacy site-v2 `espn_cfb_pbp()`: instead of parsing the deeply-nested site-v2 summary feed, it sources the play-by-play from the structured ESPN core-v2 drives endpoint in a single request via `espn_cfb_game_drives()` – one structured call rather than a sprawling summary parse, so it is faster and more robust to the site-v2 feed’s column drift.

Usage

```
espn_cfb_pbp_v2(
  game_id,
  epa_wpa = FALSE,
  output = "default",
  resolve_names = TRUE
)
```

Arguments

game_id	(<i>Integer</i> required): ESPN game identifier.
epa_wpa	(<i>Logical</i>): when TRUE, run the full EPA/WPA modeling pipeline and return the modeled frame; when FALSE (default) return the assembled core-v2 play-by-play frame.
output	(<i>Character</i>): controls the modeled-output column set when epa_wpa = TRUE. Ignored when epa_wpa = FALSE. Defaults to "default". Must be one of: • "default" (recommended) – drops pipeline lag/lead intermediates, redundant alternates (sack_vec, turnover_indicator, kick_play, missing_yard_flag), and drive-result aliases (drive_result2, drive_result_detailed_flag, lag_drive_result_detailed, lead_drive_result_detailed, lag_new_drive_pts). Keeps orig_play_type and pts_scored (they carry useful per-play information distinct from the canonical columns) and the per-branch WPA scratchpad. ~75 columns lighter than "full". • "lean" – everything "default" drops, plus the WPA computation scratchpad. For dashboards / game logs. • "full" – legacy behavior, drops only the player-name aliases.
resolve_names	(<i>Logical</i>): when TRUE (default) and epa_wpa = TRUE, spend one extra request per game on ESPN's play-by-play sidecar to (a) render participant names in full ("Jalen Mitchell" rather than the core-v2 roster's "J. Mitchell") and (b) add the per-player box score as a second identity source, which is the only one available on the large share of games where ESPN 404s the roster resource. Memoised per game_id, so the two uses cost one request between them. Set FALSE for a bulk sweep that would rather have the short names than the requests. Ignored when epa_wpa = FALSE.

Details

Play-by-play assembly (always). The play rows come from `espn_cfb_game_drives(game_id, plays = "expand", team_detail = TRUE)` – one row per play, in the full `espn_cfb_game_pbp()` schema, with each play's drive-level context carried alongside (drive_* columns) and the ESPN team catalog joined onto every team-id column. Game-level metadata matching the legacy `espn_cfb_pbp()` output – season, season_type, week, neutral_site, conference_competition, game_date, and the home_team_id / home_team / away_team_id / away_team (plus abbreviations) – is attached from the core-v2 event resource and `espn_cfb_game_teams()`.

Game-meta bridge. Season / season_type / week / neutral_site / conference_competition / game_date and the full home/away block – including *_team_name, *_team_color, *_team_alternate_color, and the week-specific *_team_rank – are sourced via `.espn_pbp_game_meta()`, which queries the

core-v2 event resource. This makes `espn_cfb_pbp_v2()` a strict meta-column superset of legacy `espn_cfb_pbp()`.

Native participant columns. This wrapper requests `participants = "wide"` and `team_participants = "wide"` from `espn_cfb_game_drives()`, so the play frame carries type-keyed `{type}_player_id` / `{type}_player_name` / `{type}_player_position` columns (e.g. `passer_player_id`, `rusher_player_id`, `tackler_player_id`) and `{type}_team_*` columns. Wide mode also emits the `{type}_player_ids` / `{type}_player_names` list-columns; downstream parquet/CSV writers must drop or stringify these before serialization. One additional roster fetch + position-catalog fetch per game.

epa_wpa behaviour. When `epa_wpa = FALSE` (default) the assembled core-v2 frame is returned as-is. When `epa_wpa = TRUE` the core-v2 columns are mapped into the exact column schema the legacy `espn_cfb_pbp()` hands to its EPA/WPA pipeline, and the **same** modeling stack is run verbatim – `penalty_detection()`, `add_play_counts()`, `clean_pbp_dat()`, `clean_drive_dat()`, `add_yardage()`, `add_player_cols()`, `prep_epa_df_after()`, `create_epa()` and `create_wpa_naive()`. The statistical models (the mgcv GAMs, the multinomial EP model, the FG model and the WP model shipped with the package) are reused unchanged; this wrapper only supplies the column adapter between the core-v2 play schema and the modeling input contract. The modeled EPA/WPA columns the pipeline emits – `ep_before`, `ep_after`, `EPA`, `wp_before`, `wp_after`, `wpa`, and the supporting probability and cumulative columns – are then joined back onto the **full** `epa_wpa = FALSE` context frame by `play_id`. The `epa_wpa = TRUE` output is therefore a strict **superset** of the `epa_wpa = FALSE` output: every game-metadata and drive-context column the default path produces, plus the EPA/WPA model columns. The join is a left join from the context frame, so no play row is dropped and the row count is identical to the `epa_wpa = FALSE` result.

Value

A data frame with one row per play. When `epa_wpa = FALSE`, the assembled core-v2 play-by-play frame:

col_name	types	description
<code>game_id</code>	character	ESPN game identifier.
<code>play_id</code>	character	ESPN play id.
<code>type_text</code>	character	Play type label (e.g. Rush, Pass Reception).

(plus the full `espn_cfb_game_drives()` `plays = "expand"` column set – play start/end down, distance, yard line, clock, scores, the `drive_*` drive context, team detail – and the attached game-metadata columns `season`, `season_type`, `week`, `neutral_site`, `conference_competition`, `game_date`, `home_team_id`, `home_team`, `away_team_id`, `away_team`).

When `epa_wpa = TRUE`, every column from the `epa_wpa = FALSE` frame above (game metadata, `drive_*` context, team detail and the full `espn_cfb_game_drives()` play schema) **plus** the modeled EPA/WPA columns produced by the existing pipeline – `ep_before`, `ep_after`, `EPA`, `wp_before`, `wp_after`, `wpa` and the supporting probability and cumulative columns. The `epa_wpa = TRUE` columns are a strict superset of the `epa_wpa = FALSE` columns, and the row count is unchanged.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`,

```

espn_cfb_franchises(), espn_cfb_futures(), espn_cfb_game_broadcasts(), espn_cfb_game_drive_plays(),
espn_cfb_game_drives(), espn_cfb_game_leaders(), espn_cfb_game_odds(), espn_cfb_game_pbp(),
espn_cfb_game_play(), espn_cfb_game_player_box(), espn_cfb_game_player_statistics(),
espn_cfb_game_powerindex(), espn_cfb_game_predictor(), espn_cfb_game_probabilities(),
espn_cfb_game_situation(), espn_cfb_game_status(), espn_cfb_game_team_leaders(), espn_cfb_game_team_li
espn_cfb_game_team_records(), espn_cfb_game_team_roster(), espn_cfb_game_team_statistics(),
espn_cfb_game_teams(), espn_cfb_groups(), espn_cfb_player(), espn_cfb_player_career_stats(),
espn_cfb_player_eventlog(), espn_cfb_player_gamelog(), espn_cfb_player_overview(),
espn_cfb_player_seasons(), espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_players(),
espn_cfb_position(), espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(),
espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(),
espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

```

Examples

```
try(espn_cfb_pbp_v2(game_id = 401628339, epa_wpa = TRUE))
```

espn_cfb_player

ESPN College Football Player Endpoint Overview

Description

- `espn_cfb_player()`: Get the full ESPN record for a single college football player in a given season – bio, measurements, position, team, status, and \$ref URLs to nested resources.
- `espn_cfb_players()`: Get a paginated index of ESPN college football players for a season (`id + $ref` rows; dereference with `espn_cfb_player()`).
- `espn_cfb_player_eventlog()`: Get the per-game event log for a single college football player in a season – one row per game, with \$ref URLs to each game’s event, competition, and per-game statistics.
- `espn_cfb_player_gamelog()`: Get a single college football player’s game-by-game statistical log for a season – stat line joined to opponent, score, and result metadata.
- `espn_cfb_player_overview()`: Get the season-by-season statistics overview ESPN shows on a college football player’s page – one row per season, with the headline stat line for each.
- `espn_cfb_player_seasons()`: Get the list of seasons a single college football player has a statistical record for on ESPN, with \$ref URLs to each season’s statistics.
- `espn_cfb_player_splits()`: Get a single college football player’s statistical splits for a season – stat lines broken out by month, quarter, down, field position, and more.
- `espn_cfb_player_career_stats()`: Get a single college football player’s full season statistics from ESPN – every published stat across every category, in long format (one row per stat).

- `espn_cfb_player_stats()`: Get ESPN college football player season stats (legacy wide-format wrapper covering all categories and athlete / team detail columns).
- `espn_cfb_recruits()`: Get the ESPN recruiting-class catalog for a college football signing class – one row per recruit, with identity, position, measurements, grade, rankings, and committed school.

Get the full ESPN record for a single college football player in a given season – biographical fields, physical measurements, position, team, status, and the \$ref URLs to the player's nested resources (statistics, event log, college).

Usage

```
espn_cfb_player(
  athlete_id = NULL,
  year = NULL,
  team_detail = TRUE,
  position_detail = TRUE
)
```

Arguments

<code>athlete_id</code>	(<i>Character/Integer</i> required): ESPN athlete id.
<code>year</code>	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 2004
<code>team_detail</code>	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the <code>team_id</code> column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.
<code>position_detail</code>	(<i>Logical</i>): when TRUE (default), fetch the ESPN position catalog once and join it onto <code>position_id</code> , appending the <code>position_display_name</code> / <code>position_leaf</code> / <code>position_parent_id</code> detail columns. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the extra fetch and the join.

Details

ESPN College Football Player Detail:

```
espn_cfb_player(athlete_id = 102597, year = 2024)
```

ESPN College Football Players Index:

```
espn_cfb_players(year = 2024, page = 1, max_pages = 1)
```

ESPN College Football Player Event Log:

```
espn_cfb_player_eventlog(athlete_id = 102597, year = 2024)
```

ESPN College Football Player Game Log:

```
espn_cfb_player_gamelog(athlete_id = 102597, year = 2024)
```

ESPN College Football Player Statistics Overview:

```
espn_cfb_player_overview(athlete_id = 102597, year = 2024)
```

ESPN College Football Player Seasons:

```
espn_cfb_player_seasons(athlete_id = 102597)
```

ESPN College Football Player Statistical Splits:

```
espn_cfb_player_splits(athlete_id = 102597, year = 2024)
```

ESPN College Football Player Season Statistics (Long Format):

```
espn_cfb_player_career_stats(athlete_id = 102597, year = 2024)
```

Get ESPN college football player stats data:

```
espn_cfb_player_stats(athlete_id = 530308, year = 2013)
```

ESPN College Football Recruits:

```
espn_cfb_recruits(year = 2024, max_results = 25)
```

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/season`. The season-scoped path is used so the returned `team_id` reflects the team the player was on *that* season. The wrapper returns a single-row tibble: scalar bio fields are flattened inline, nested objects (position, status, birthPlace, experience) are flattened with a prefix, and the nested \$ref URLs are surfaced as *_ref columns rather than auto-dereferenced. Harvest athlete ids from `espn_cfb_players()`.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

When `position_detail = TRUE` (the default) the ESPN position catalog (`espn_cfb_positions()`) is fetched once and joined onto `position_id`, appending `position_display_name`, `position_leaf`, and `position_parent_id` (the existing `position_name` / `position_abbreviation` columns are left in place). A catalog failure degrades to NA rather than erroring the wrapper. Set `position_detail = FALSE` to skip the catalog fetch and the join.

Value

A one-row data frame describing the player:

col_name	types	description
athlete_id	character	ESPN athlete id.
season	integer	Season (4-digit year).
uid	character	ESPN athlete UID.
guid	character	ESPN athlete GUID.

first_name	character	Player first name.
last_name	character	Player last name.
full_name	character	Player full name.
display_name	character	Player display name.
short_name	character	Player short name.
weight	numeric	Listed weight (lbs).
display_weight	character	Display-formatted weight.
height	numeric	Listed height (inches).
display_height	character	Display-formatted height.
jersey	character	Jersey number.
slug	character	ESPN athlete URL slug.
active	logical	Whether the player is currently active.
date_of_birth	character	Player date of birth (if published).
birth_city	character	Birthplace city.
birth_state	character	Birthplace state.
birth_country	character	Birthplace country.
position_id	character	ESPN position id.
position_name	character	Position name.
position_abbreviation	character	Position abbreviation.
position_display_name	character	Human-readable position name; position_detail = TRUE only.
position_leaf	logical	TRUE for a most-specific (leaf) position; position_detail = TRUE only.
position_parent_id	character	ESPN id of the parent position; position_detail = TRUE only.
experience_years	integer	Years of experience.
status_id	character	ESPN status id.
status_name	character	Status name (e.g. Active).
status_type	character	Status type.
headshot_href	character	URL of the player headshot image.
team_id	character	ESPN team id for the season (from team_ref).
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alterate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
team_ref	character	\$ref URL to the team-in-season resource.
statistics_ref	character	\$ref URL to the player statistics resource.
eventlog_ref	character	\$ref URL to the player event log resource.
college_ref	character	\$ref URL to the player college resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#),

espn_cfb_game_drives(), espn_cfb_game_leaders(), espn_cfb_game_odds(), espn_cfb_game_pbp(),
espn_cfb_game_play(), espn_cfb_game_player_box(), espn_cfb_game_player_statistics(),
espn_cfb_game_powerindex(), espn_cfb_game_predictor(), espn_cfb_game_probabilities(),
espn_cfb_game_situation(), espn_cfb_game_status(), espn_cfb_game_team_leaders(), espn_cfb_game_team_li
espn_cfb_game_team_records(), espn_cfb_game_team_roster(), espn_cfb_game_team_statistics(),
espn_cfb_game_teams(), espn_cfb_groups(), espn_cfb_pbp_v2(), espn_cfb_player_career_stats(),
espn_cfb_player_eventlog(), espn_cfb_player_gamelog(), espn_cfb_player_overview(),
espn_cfb_player_seasons(), espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_players(),
espn_cfb_position(), espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(),
espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(),
espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_atl(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

Examples

```
try(espn_cfb_player(athlete_id = 102597, year = 2024))
try(espn_cfb_player(athlete_id = 102597, year = 2024,
                    team_detail = FALSE, position_detail = FALSE))
```

espn_cfb_players	ESPN College Football Players Index
------------------	-------------------------------------

Description

Get a paginated index of ESPN college football players for a season. Each row is one player reference (id + \$ref URL); dereference a row with [espn_cfb_player\(\)](#) to retrieve the full player record.

Usage

```
espn_cfb_players(
  year = NULL,
  page = 1,
  max_pages = 1,
  limit = 100,
  athlete_detail = FALSE
)
```

Arguments

- year (Integer required): Season, 4 digit format (YYYY). Minimum value accepted: 1936
- page (Integer optional, default 1): First page of the index to fetch.

max_pages	(Integer optional, default 1): Number of consecutive pages to fetch starting at page. Each page holds limit players.
limit	(Integer optional, default 100): Players per page (ESPN page size).
athlete_detail	(Logical): when TRUE, dereference each player returned and append the athlete_* name columns (see <i>Details</i>). This costs one HTTP call per player, so it defaults to FALSE; setting it FALSE reproduces the prior output exactly.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/season-scoped-index`. The season-scoped index contains roughly 99,500 players, returned in fixed-size pages – this wrapper deliberately returns `id + $ref rows only` and never dereferences the individual player records, because a full crawl would be tens of thousands of HTTP calls. Walk the index a page at a time with `page`, and cap how far a single call goes with `max_pages`. The total page count for the season is reported in the `page_count` column so a caller can drive its own pagination loop. To resolve an individual player to a full record, pass its `athlete_id` to `espn_cfb_player()`.

When `athlete_detail = TRUE` the index is enriched with the human-readable name columns `athlete_display_name`, `athlete_first_name`, `athlete_last_name`, `athlete_jersey`, `athlete_position`, and `athlete_position_abbreviation`. There is no bulk athlete-name catalog, so resolving names here costs **one HTTP call per player returned** – with the default `limit = 100` that is 100 extra requests per page. It therefore defaults to FALSE. A per-athlete fetch failure leaves that player's name columns NA rather than erroring the wrapper. Keep `limit` small (or `athlete_detail = FALSE`) when walking many pages.

Value

A data frame with one row per player reference:

col_name	types	description
season	integer	Season (4-digit year).
athlete_id	character	ESPN athlete id (parsed from <code>athlete_ref</code>).
athlete_ref	character	<code>\$ref</code> URL to the athlete-in-season resource.
page	integer	Index page this player was returned on.
page_count	integer	Total number of pages in the season index.
count	integer	Total number of players in the season index.
athlete_display_name	character	Player display name; <code>athlete_detail = TRUE</code> only.
athlete_first_name	character	Player first name; <code>athlete_detail = TRUE</code> only.
athlete_last_name	character	Player last name; <code>athlete_detail = TRUE</code> only.
athlete_jersey	character	Player jersey number; <code>athlete_detail = TRUE</code> only.
athlete_position	character	Player position name; <code>athlete_detail = TRUE</code> only.
athlete_position_abbreviation	character	Player position abbreviation; <code>athlete_detail = TRUE</code> only.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`,

espn_cfb_game_play(), espn_cfb_game_player_box(), espn_cfb_game_player_statistics(),
espn_cfb_game_powerindex(), espn_cfb_game_predictor(), espn_cfb_game_probabilities(),
espn_cfb_game_situation(), espn_cfb_game_status(), espn_cfb_game_team_leaders(), espn_cfb_game_team_li
espn_cfb_game_team_records(), espn_cfb_game_team_roster(), espn_cfb_game_team_statistics(),
espn_cfb_game_teams(), espn_cfb_groups(), espn_cfb_pbp_v2(), espn_cfb_player(), espn_cfb_player_career_s
espn_cfb_player_eventlog(), espn_cfb_player_gamelog(), espn_cfb_player_overview(),
espn_cfb_player_seasons(), espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_position(),
espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(), espn_cfb_recruits(),
espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(), espn_cfb_seasons(),
espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

Examples

```
try(espn_cfb_players(year = 2024, page = 1, max_pages = 1))
try(espn_cfb_players(year = 2024, page = 1, max_pages = 1, limit = 5,
  athlete_detail = TRUE))
```

espn_cfb_player_career_stats
ESPN College Football Player Season Statistics (Long Format)

Description

Get a single college football player’s full season statistics from ESPN – every published stat across every category, in long format (one row per stat).

Usage

```
espn_cfb_player_career_stats(  
  athlete_id = NULL,  
  year = NULL,  
  season_type = 2,  
  athlete_detail = TRUE  
)
```

Arguments

- athlete_id (Character/Integer required): ESPN athlete id.
- year (Integer required): Season, 4 digit format (YYYY). Minimum value accepted: 2004
- season_type (Integer optional, default 2): ESPN season type. 2 = regular season, 3 = post-season.
- athlete_detail (Logical): when TRUE (default), fetch the requested athlete’s ESPN record once and append the athlete_* name columns (see Details). Set FALSE to skip the fetch, reproducing the prior output exactly.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/season/`. ESPN nests a player's season stats under `splits -> categories[] -> stats[]`; this wrapper flattens that tree to long format – each row is one stat, tagged with its category (e.g. passing, rushing, defensive). The long shape is deliberate: ESPN adds and retires stats and whole categories across positions and seasons, and a long frame absorbs that drift without breaking column expectations. Pivot wider with `tidyr::pivot_wider()` keyed on `stat_name` for a wide table. Each stat carries both a season-total value (`value`) and a per-game value (`per_game_value`).

When `athlete_detail = TRUE` (the default) the requested athlete's ESPN record is fetched once and the human-readable name columns `athlete_display_name`, `athlete_first_name`, `athlete_last_name`, `athlete_jersey`, `athlete_position`, and `athlete_position_abbreviation` are appended to every row. This is a single cheap fetch – the wrapper already takes one `athlete_id`. A fetch failure degrades the name columns to NA rather than erroring the wrapper. Set `athlete_detail = FALSE` to skip the fetch and reproduce the prior output exactly.

Value

A data frame with one row per stat:

col_name	types	description
<code>athlete_id</code>	character	ESPN athlete id.
<code>season</code>	integer	Season (4-digit year).
<code>season_type</code>	integer	ESPN season type (2 = regular, 3 = postseason).
<code>category</code>	character	Stat category (e.g. passing, rushing).
<code>category_display</code>	character	Human-readable category name.
<code>stat_name</code>	character	Internal stat key (e.g. passingYards).
<code>display_name</code>	character	Human-readable stat name.
<code>abbreviation</code>	character	Stat abbreviation.
<code>description</code>	character	ESPN's description of the stat.
<code>value</code>	numeric	Season-total value of the stat.
<code>display_value</code>	character	Display-formatted season-total value.
<code>per_game_value</code>	numeric	Per-game value of the stat.
<code>per_game_display_value</code>	character	Display-formatted per-game value.
<code>athlete_display_name</code>	character	Player display name; <code>athlete_detail = TRUE</code> only.
<code>athlete_first_name</code>	character	Player first name; <code>athlete_detail = TRUE</code> only.
<code>athlete_last_name</code>	character	Player last name; <code>athlete_detail = TRUE</code> only.
<code>athlete_jersey</code>	character	Player jersey number; <code>athlete_detail = TRUE</code> only.
<code>athlete_position</code>	character	Player position name; <code>athlete_detail = TRUE</code> only.
<code>athlete_position_abbreviation</code>	character	Player position abbreviation; <code>athlete_detail = TRUE</code> only.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#),

espn_cfb_game_powerindex(), espn_cfb_game_predictor(), espn_cfb_game_probabilities(),
espn_cfb_game_situation(), espn_cfb_game_status(), espn_cfb_game_team_leaders(), espn_cfb_game_team_li
espn_cfb_game_team_records(), espn_cfb_game_team_roster(), espn_cfb_game_team_statistics(),
espn_cfb_game_teams(), espn_cfb_groups(), espn_cfb_pbp_v2(), espn_cfb_player(), espn_cfb_player_eventlog
espn_cfb_player_gamelog(), espn_cfb_player_overview(), espn_cfb_player_seasons(),
espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_players(), espn_cfb_position(),
espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(), espn_cfb_recruits(),
espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(), espn_cfb_seasons(),
espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

Examples

```
try(espn_cfb_player_career_stats(athlete_id = 102597, year = 2024))
try(espn_cfb_player_career_stats(athlete_id = 102597, year = 2024,
                                athlete_detail = FALSE))
```

espn_cfb_player_eventlog
ESPN College Football Player Event Log

Description

Get the per-game event log for a single college football player in a season – one row per game, with the \$ref URLs to each game’s event, competition, and the player’s per-game statistics.

Usage

```
espn_cfb_player_eventlog(  
  athlete_id = NULL,  
  year = NULL,  
  team_detail = TRUE,  
  athlete_detail = TRUE  
)
```

Arguments

- | | |
|----------------|---|
| athlete_id | (<i>Character/Integer</i> required): ESPN athlete id. |
| year | (<i>Integer</i> required): Season, 4 digit format (YYYY).
Minimum value accepted: 2004 |
| team_detail | (<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join. |
| athlete_detail | (<i>Logical</i>): when TRUE (default), fetch the requested athlete’s ESPN record once and append the athlete_* name columns (see <i>Details</i>). Set FALSE to skip the fetch, reproducing the prior output exactly. |

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/season/{season_id}/eventlog/{player_id}`. The event log lists every game the player appeared on a roster for in the requested season. Per-game statistics are referenced by a `statistics_ref` URL rather than being inlined – they are not auto-dereferenced, since one fetch per game would be costly; resolve a particular game with a direct request to that URL when needed. If the player did not play in the requested season ESPN returns an empty payload and this wrapper returns an empty data frame.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

When `athlete_detail = TRUE` (the default) the requested athlete's ESPN record is fetched once and the human-readable name columns `athlete_display_name`, `athlete_first_name`, `athlete_last_name`, `athlete_jersey`, `athlete_position`, and `athlete_position_abbreviation` are appended to every row. This is a single cheap fetch – the wrapper already takes one `athlete_id`. A fetch failure degrades the name columns to NA rather than erroring the wrapper. Set `athlete_detail = FALSE` to skip the fetch and reproduce the prior output exactly.

Value

A data frame with one row per game:

col_name	types	description
<code>athlete_id</code>	character	ESPN athlete id.
<code>season</code>	integer	Season (4-digit year).
<code>game_id</code>	character	ESPN event (game) id (parsed from <code>event_ref</code>).
<code>team_id</code>	character	ESPN team id the player played for in the game.
<code>team_name</code>	character	Team nickname; <code>team_detail = TRUE</code> only.
<code>team_abbreviation</code>	character	Team abbreviation; <code>team_detail = TRUE</code> only.
<code>team_location</code>	character	Team location / school name; <code>team_detail = TRUE</code> only.
<code>team_display_name</code>	character	Full team display name; <code>team_detail = TRUE</code> only.
<code>team_short_display_name</code>	character	Short team display name; <code>team_detail = TRUE</code> only.
<code>team_nickname</code>	character	Team nickname label; <code>team_detail = TRUE</code> only.
<code>team_color</code>	character	Primary team color; <code>team_detail = TRUE</code> only.
<code>team_alternate_color</code>	character	Alternate team color; <code>team_detail = TRUE</code> only.
<code>team_logo_href</code>	character	Default team logo URL; <code>team_detail = TRUE</code> only.
<code>team_logo_dark_href</code>	character	Dark-variant team logo URL; <code>team_detail = TRUE</code> only.
<code>played</code>	logical	Whether the player played in the game.
<code>event_ref</code>	character	\$ref URL to the event resource.
<code>competition_ref</code>	character	\$ref URL to the competition resource.
<code>statistics_ref</code>	character	\$ref URL to the player's per-game statistics.
<code>athlete_display_name</code>	character	Player display name; <code>athlete_detail = TRUE</code> only.
<code>athlete_first_name</code>	character	Player first name; <code>athlete_detail = TRUE</code> only.
<code>athlete_last_name</code>	character	Player last name; <code>athlete_detail = TRUE</code> only.
<code>athlete_jersey</code>	character	Player jersey number; <code>athlete_detail = TRUE</code> only.

athlete_position	character	Player position name; athlete_detail = TRUE only.
athlete_position_abbreviation	character	Player position abbreviation; athlete_detail = TRUE only.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_lineup()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_player_eventlog(athlete_id = 102597, year = 2024))
try(espn_cfb_player_eventlog(athlete_id = 102597, year = 2024,
                             team_detail = FALSE,
                             athlete_detail = FALSE))
```

espn_cfb_player_gamelog
ESPN College Football Player Game Log

Description

Get a single college football player’s game-by-game statistical log for a season – one row per game, with the player’s stat line joined to opponent, score, and result metadata.

Usage

```
espn_cfb_player_gamelog(
  athlete_id = NULL,
  year = NULL,
  team_detail = TRUE,
  athlete_detail = TRUE
)
```

Arguments

athlete_id	(<i>Character/Integer</i> required): ESPN athlete id.
year	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 2004
team_detail	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.
athlete_detail	(<i>Logical</i>): when TRUE (default), fetch the requested athlete's ESPN record once and append the athlete_* name columns (see <i>Details</i>). Set FALSE to skip the fetch, reproducing the prior output exactly.

Details

Wraps the ESPN web-v3 endpoint `site.web.api.espn.com/apis/common/v3/sports/football/college-football/at`. Unlike the core-v2 `espn_cfb_player_eventlog()` (which returns only \$ref URLs), this endpoint ships fully-resolved per-game stat lines. The wrapper joins three blocks of the payload: the events map (game metadata – opponent, date, score, result), the seasonTypes -> categories -> events block (the per-game stat values), and the top-level labels / names arrays (the stat column names). Stat columns are named from the names array (e.g. completions, passing_yards); they vary by the player's position. If the player did not play in the requested season ESPN returns only a filters object and this wrapper returns an empty data frame.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

When `athlete_detail = TRUE` (the default) the requested athlete's ESPN record is fetched once and the human-readable name columns `athlete_display_name`, `athlete_first_name`, `athlete_last_name`, `athlete_jersey`, `athlete_position`, and `athlete_position_abbreviation` are appended to every row. This is a single cheap fetch – the wrapper already takes one `athlete_id`. A fetch failure degrades the name columns to NA rather than erroring the wrapper. Set `athlete_detail = FALSE` to skip the fetch and reproduce the prior output exactly.

Value

A data frame with one row per game. The leading columns are fixed; the trailing stat columns vary by position:

col_name	types	description
athlete_id	character	ESPN athlete id.
season	integer	Season (4-digit year).
season_type	character	Season-type label (e.g. 2024 Regular Season).
game_id	character	ESPN event (game) id.
game_date	character	Game date (ISO 8601).
week	integer	Week number.
at_vs	character	vs (home) or @ (away).

opponent_id	character	ESPN team id of the opponent.
opponent_name	character	Opponent display name.
opponent_abbr	character	Opponent abbreviation.
team_id	character	ESPN team id the player played for.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alterate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
home_team_score	character	Home team final score.
away_team_score	character	Away team final score.
game_result	character	Game result for the player's team (W/L).
score	character	Final score string.
athlete_display_name	character	Player display name; athlete_detail = TRUE only.
athlete_first_name	character	Player first name; athlete_detail = TRUE only.
athlete_last_name	character	Player last name; athlete_detail = TRUE only.
athlete_jersey	character	Player jersey number; athlete_detail = TRUE only.
athlete_position	character	Player position name; athlete_detail = TRUE only.
athlete_position_abbreviation	character	Player position abbreviation; athlete_detail = TRUE only.
...	character	One column per stat in the names array (varies).

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_player_gamelog(athlete_id = 102597, year = 2024))
try(espn_cfb_player_gamelog(athlete_id = 102597, year = 2024,
                             team_detail = FALSE,
                             athlete_detail = FALSE))
```

espn_cfb_player_overview
ESPN College Football Player Statistics Overview

Description

Get the season-by-season statistics overview ESPN shows on a college football player’s player page – one row per season the player has played, with the headline stat line for each.

Usage

```
espn_cfb_player_overview(athlete_id = NULL, year = NULL, athlete_detail = TRUE)
```

Arguments

- athlete_id (*Character/Integer* required): ESPN athlete id.
- year (*Integer* required): Season, 4 digit format (YYYY).
Minimum value accepted: 2004
- athlete_detail (*Logical*): when TRUE (default), fetch the requested athlete’s ESPN record once and append the athlete_* name columns (see *Details*). Set FALSE to skip the fetch, reproducing the prior output exactly.

Details

Wraps the ESPN web-v3 endpoint `site.web.api.espn.com/apis/common/v3/sports/football/college-football/at`. The overview payload’s statistics block is the player’s career summary table: it carries a `splits` array with one entry per season the player has played (most recent first), plus the `names` array of stat keys. This wrapper returns that career table – one row per season – joining each season’s stat values to the names columns. Note that the `season` argument selects the player’s player-page context but the statistics block is *always* the player’s full multi-season career table; the returned `stat_season` column identifies which season each row describes. Stat columns vary by the player’s position. For game-by-game data use [espn_cfb_player_gamelog\(\)](#).

When `athlete_detail = TRUE` (the default) the requested athlete’s ESPN record is fetched once and the human-readable name columns `athlete_display_name`, `athlete_first_name`, `athlete_last_name`, `athlete_jersey`, `athlete_position`, and `athlete_position_abbreviation` are appended to every row. This is a single cheap fetch – the wrapper already takes one `athlete_id`. A fetch failure degrades the name columns to NA rather than erroring the wrapper. Set `athlete_detail = FALSE` to skip the fetch and reproduce the prior output exactly.

Value

A data frame with one row per season in the player's career table. The leading columns are fixed; the trailing stat columns vary by position:

col_name	types	description
athlete_id	character	ESPN athlete id.
season	integer	Season passed as the player-page context argument.
stat_season	character	Season this row's stat line describes.
athlete_display_name	character	Player display name; athlete_detail = TRUE only.
athlete_first_name	character	Player first name; athlete_detail = TRUE only.
athlete_last_name	character	Player last name; athlete_detail = TRUE only.
athlete_jersey	character	Player jersey number; athlete_detail = TRUE only.
athlete_position	character	Player position name; athlete_detail = TRUE only.
athlete_position_abbreviation	character	Player position abbreviation; athlete_detail = TRUE only.
...	character	One column per stat in the names array (varies).

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_player_overview(athlete_id = 102597, year = 2024))
try(espn_cfb_player_overview(athlete_id = 102597, year = 2024,
                             athlete_detail = FALSE))
```

espn_cfb_player_seasons

ESPN College Football Player Seasons

Description

Get the list of seasons a single college football player has a statistical record for on ESPN – one row per season, with the `$ref` URLs to that season’s statistics.

Usage

```
espn_cfb_player_seasons(athlete_id = NULL, athlete_detail = TRUE)
```

Arguments

- `athlete_id` (*Character/Integer* required): ESPN athlete id.
- `athlete_detail` (*Logical*): when TRUE (default), fetch the requested athlete’s ESPN record once and append the `athlete_*` name columns (see *Details*). Set FALSE to skip the fetch, reproducing the prior output exactly.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/athletes/{id}/seasons`. ESPN exposes no dedicated `/athletes/{id}/seasons` resource for college football (that path 404s); the statistics log is the closest thing – it returns one entry per season the player accumulated statistics in, which is exactly the player’s season list. Each entry carries the season `$ref` and one or more statistics references (split by stat type, e.g. `total`). The statistics themselves are not auto-dereferenced; use `espn_cfb_player_career_stats()` for a resolved, long-format stat table for a given season.

When `athlete_detail = TRUE` (the default) the requested athlete’s ESPN record is fetched once (from the league-wide athlete resource, since this wrapper takes no year) and the human-readable name columns `athlete_display_name`, `athlete_first_name`, `athlete_last_name`, `athlete_jersey`, `athlete_position`, and `athlete_position_abbreviation` are appended to every row. This is a single cheap fetch – the wrapper already takes one `athlete_id`. A fetch failure degrades the name columns to NA rather than erroring the wrapper. Set `athlete_detail = FALSE` to skip the fetch and reproduce the prior output exactly.

Value

A data frame with one row per season-stat-type entry:

col_name	types	description
athlete_id	character	ESPN athlete id.
season	integer	Season (4-digit year) the player has a record in.
stat_type	character	Statistics type for the entry (e.g. <code>total</code>).
season_ref	character	<code>\$ref</code> URL to the season resource.

statistics_ref	character	\$ref URL to the season statistics resource.
athlete_display_name	character	Player display name; athlete_detail = TRUE only.
athlete_first_name	character	Player first name; athlete_detail = TRUE only.
athlete_last_name	character	Player last name; athlete_detail = TRUE only.
athlete_jersey	character	Player jersey number; athlete_detail = TRUE only.
athlete_position	character	Player position name; athlete_detail = TRUE only.
athlete_position_abbreviation	character	Player position abbreviation; athlete_detail = TRUE only.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_splits\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_player_seasons(athlete_id = 102597))
try(espn_cfb_player_seasons(athlete_id = 102597, athlete_detail = FALSE))
```

espn_cfb_player_splits

ESPN College Football Player Statistical Splits

Description

Get a single college football player’s statistical splits for a season – stat lines broken out by situation (by month, by quarter, by half, by down, by field position, and more).

Usage

```
espn_cfb_player_splits(athlete_id = NULL, year = NULL, athlete_detail = TRUE)
```

Arguments

athlete_id	(<i>Character/Integer</i> required): ESPN athlete id.
year	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 2004
athlete_detail	(<i>Logical</i>): when TRUE (default), fetch the requested athlete's ESPN record once and append the athlete_* name columns (see <i>Details</i>). Set FALSE to skip the fetch, reproducing the prior output exactly.

Details

Wraps the ESPN web-v3 endpoint `site.web.api.espn.com/apis/common/v3/sports/football/college-football/at`. ESPN groups splits under `splitCategories[]` (e.g. `byMonth`, `byQuarter`, `byDown`, `byFieldPosition`); each category holds one or more individual splits (e.g. the rows under `byQuarter` are `1st Quarter`, `2nd Quarter`, ...). This wrapper returns one row per individual split, tagged with its parent category, and joins the split's stat values to the top-level names array for column names. Stat columns vary by the player's position.

When `athlete_detail = TRUE` (the default) the requested athlete's ESPN record is fetched once and the human-readable name columns `athlete_display_name`, `athlete_first_name`, `athlete_last_name`, `athlete_jersey`, `athlete_position`, and `athlete_position_abbreviation` are appended to every row. This is a single cheap fetch – the wrapper already takes one `athlete_id`. A fetch failure degrades the name columns to NA rather than erroring the wrapper. Set `athlete_detail = FALSE` to skip the fetch and reproduce the prior output exactly.

Value

A data frame with one row per split. The leading columns are fixed; the trailing stat columns vary by position:

col_name	types	description
athlete_id	character	ESPN athlete id.
season	integer	Season (4-digit year).
category	character	Split category key (e.g. <code>byQuarter</code> , <code>byDown</code>).
category_display	character	Human-readable split category name.
split_name	character	Individual split name (e.g. <code>1st Quarter</code>).
split_abbr	character	Individual split abbreviation.
athlete_display_name	character	Player display name; <code>athlete_detail = TRUE</code> only.
athlete_first_name	character	Player first name; <code>athlete_detail = TRUE</code> only.
athlete_last_name	character	Player last name; <code>athlete_detail = TRUE</code> only.
athlete_jersey	character	Player jersey number; <code>athlete_detail = TRUE</code> only.
athlete_position	character	Player position name; <code>athlete_detail = TRUE</code> only.
athlete_position_abbreviation	character	Player position abbreviation; <code>athlete_detail = TRUE</code> only.
...	character	One column per stat in the names array (varies).

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#),

espn_cfb_franchises(), espn_cfb_futures(), espn_cfb_game_broadcasts(), espn_cfb_game_drive_plays(),
espn_cfb_game_drives(), espn_cfb_game_leaders(), espn_cfb_game_odds(), espn_cfb_game_pbp(),
espn_cfb_game_play(), espn_cfb_game_player_box(), espn_cfb_game_player_statistics(),
espn_cfb_game_powerindex(), espn_cfb_game_predictor(), espn_cfb_game_probabilities(),
espn_cfb_game_situation(), espn_cfb_game_status(), espn_cfb_game_team_leaders(), espn_cfb_game_team_lineup(),
espn_cfb_game_team_records(), espn_cfb_game_team_roster(), espn_cfb_game_team_statistics(),
espn_cfb_game_teams(), espn_cfb_groups(), espn_cfb_pbp_v2(), espn_cfb_player(), espn_cfb_player_career_stats(),
espn_cfb_player_eventlog(), espn_cfb_player_gamelog(), espn_cfb_player_overview(),
espn_cfb_player_seasons(), espn_cfb_player_stats_v3(), espn_cfb_players(), espn_cfb_position(),
espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(), espn_cfb_recruits(),
espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(), espn_cfb_seasons(),
espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

Examples

```
try(espn_cfb_player_splits(athlete_id = 102597, year = 2024))
try(espn_cfb_player_splits(athlete_id = 102597, year = 2024,
                           athlete_detail = FALSE))
```

espn_cfb_player_stats **Get ESPN college football player stats data**

Description

Get ESPN college football player stats data

Usage

```
espn_cfb_player_stats(athlete_id, year, season_type = "regular", total = FALSE)
```

Arguments

athlete_id	Athlete ID
year	Year Minimum value accepted: 2004
season_type	(character, default: regular): Season type - regular or postseason
total	(boolean, default: FALSE): Totals

Value

Returns a tibble with the following columns:

col_name	types
athlete_id	character
athlete_uid	character
athlete_guid	character
athlete_type	character
sdr	character
first_name	character
last_name	character
full_name	character
display_name	character
short_name	character
weight	numeric
display_weight	character
height	numeric
display_height	character
age	integer
date_of_birth	character
birth_place_city	character
birth_place_state	character
birth_place_country	character
birth_country_altername_id	character
birth_country_abbreviation	character
slug	character
jersey	character
flag_href	character
flag_alt	character
flag_x_country_flag	character
position_id	character
position_name	character
position_display_name	character
position_abbreviation	character
position_leaf	logical
linked	logical
experience_years	integer
experience_display_value	character
experience_abbreviation	character
active	logical
status_id	character
status_name	character
status_type	character
status_abbreviation	character
headshot_href	character
headshot_alt	character
general_fumbles	numeric
general_fumbles_lost	numeric
general_fumbles_touchdowns	numeric
general_games_played	numeric
general_offensive_two_pt_returns	numeric

general_offensive_fumbles_touchdowns	numeric
general_defensive_fumbles_touchdowns	numeric
passing_avg_gain	numeric
passing_completion_pct	numeric
passing_completions	numeric
passing_espnqb_rating	numeric
passing_interception_pct	numeric
passing_interceptions	numeric
passing_long_passing	numeric
passing_net_passing_yards	numeric
passing_net_passing_yards_per_game	numeric
passing_net_total_yards	numeric
passing_net_yards_per_game	numeric
passing_passing_attempts	numeric
passing_passing_big_plays	numeric
passing_passing_first_downs	numeric
passing_passing_fumbles	numeric
passing_passing_fumbles_lost	numeric
passing_passing_touchdown_pct	numeric
passing_passing_touchdowns	numeric
passing_passing_yards	numeric
passing_passing_yards_after_catch	numeric
passing_passing_yards_at_catch	numeric
passing_passing_yards_per_game	numeric
passing_qb_rating	numeric
passing_sacks	numeric
passing_sack_yards_lost	numeric
passing_team_games_played	numeric
passing_total_offensive_plays	numeric
passing_total_points_per_game	numeric
passing_total_touchdowns	numeric
passing_total_yards	numeric
passing_total_yards_from_scrimmage	numeric
passing_two_point_pass_convs	numeric
passing_two_pt_pass	numeric
passing_two_pt_pass_attempts	numeric
passing_yards_from_scrimmage_per_game	numeric
passing_yards_per_completion	numeric
passing_yards_per_game	numeric
passing_yards_per_pass_attempt	numeric
passing_net_yards_per_pass_attempt	numeric
passing_qbr	numeric
passing_adj_qbr	numeric
passing_quarterback_rating	numeric
rushing_avg_gain	numeric
rushing_espnrb_rating	numeric
rushing_long_rushing	numeric
rushing_net_total_yards	numeric

rushing_net_yards_per_game	numeric
rushing_rushing_attempts	numeric
rushing_rushing_big_plays	numeric
rushing_rushing_first_downs	numeric
rushing_rushing_fumbles	numeric
rushing_rushing_fumbles_lost	numeric
rushing_rushing_touchdowns	numeric
rushing_rushing_yards	numeric
rushing_rushing_yards_per_game	numeric
rushing_stuffs	numeric
rushing_stuff_yards_lost	numeric
rushing_team_games_played	numeric
rushing_total_offensive_plays	numeric
rushing_total_points_per_game	numeric
rushing_total_touchdowns	numeric
rushing_total_yards	numeric
rushing_total_yards_from_scrimmage	numeric
rushing_two_point_rush_convs	numeric
rushing_two_pt_rush	numeric
rushing_two_pt_rush_attempts	numeric
rushing_yards_from_scrimmage_per_game	numeric
rushing_yards_per_game	numeric
rushing_yards_per_rush_attempt	numeric
receiving_avg_gain	numeric
receiving_espnwr_rating	numeric
receiving_long_reception	numeric
receiving_net_total_yards	numeric
receiving_net_yards_per_game	numeric
receiving_receiving_big_plays	numeric
receiving_receiving_first_downs	numeric
receiving_receiving_fumbles	numeric
receiving_receiving_fumbles_lost	numeric
receiving_receiving_targets	numeric
receiving_receiving_touchdowns	numeric
receiving_receiving_yards	numeric
receiving_receiving_yards_after_catch	numeric
receiving_receiving_yards_at_catch	numeric
receiving_receiving_yards_per_game	numeric
receiving_receptions	numeric
receiving_team_games_played	numeric
receiving_total_offensive_plays	numeric
receiving_total_points_per_game	numeric
receiving_total_touchdowns	numeric
receiving_total_yards	numeric
receiving_total_yards_from_scrimmage	numeric
receiving_two_point_rec_convs	numeric
receiving_two_pt_reception	numeric
receiving_two_pt_reception_attempts	numeric

receiving_yards_from_scrimmage_per_game	numeric
receiving_yards_per_game	numeric
receiving_yards_per_reception	numeric
scoring_defensive_points	numeric
scoring_field_goals	numeric
scoring_kick_extra_points	numeric
scoring_kick_extra_points_made	numeric
scoring_misc_points	numeric
scoring_passing_touchdowns	numeric
scoring_receiving_touchdowns	numeric
scoring_return_touchdowns	numeric
scoring_rushing_touchdowns	numeric
scoring_total_points	numeric
scoring_total_points_per_game	numeric
scoring_total_touchdowns	numeric
scoring_total_two_point_convs	numeric
scoring_two_point_pass_convs	numeric
scoring_two_point_rec_convs	numeric
scoring_two_point_rush_convs	numeric
scoring_one_pt_safeties_made	numeric
general_fumbles_forced	logical
general_fumbles_recovered	logical
passing_misc_yards	logical
passing_total_points	logical
rushing_misc_yards	logical
rushing_total_points	logical
receiving_misc_yards	logical
receiving_total_points	logical
defensive_assist_tackles	logical
defensive_avg_interception_yards	logical
defensive_avg_sack_yards	logical
defensive_avg_stuff_yards	logical
defensive_blocked_field_goal_touchdowns	logical
defensive_blocked_punt_touchdowns	logical
defensive_defensive_touchdowns	logical
defensive_hurries	logical
defensive_kicks_blocked	logical
defensive_long_interception	logical
defensive_misc_touchdowns	logical
defensive_missed_field_goal_return_td	numeric
defensive_blocked_punt_ez_rec_td	numeric
defensive_passes_batted_down	logical
defensive_passes_defended	logical
defensive_two_pt_returns	logical
defensive_sacks	logical
defensive_sack_yards	logical
defensive_safeties	logical
defensive_solo_tackles	logical

defensive_stuffs	logical
defensive_stuff_yards	logical
defensive_tackles_for_loss	logical
defensive_team_games_played	logical
defensive_total_tackles	logical
defensive_yards_allowed	logical
defensive_points_allowed	logical
defensive_one_pt_safeties_made	logical
defensive_interceptions_interceptions	logical
defensive_interceptions_interception_touchdowns	logical
defensive_interceptions_interception_yards	logical
kicking_avg_kickoff_return_yards	logical
kicking_avg_kickoff_yards	logical
kicking_extra_point_attempts	logical
kicking_extra_point_pct	logical
kicking_extra_points_blocked	logical
kicking_extra_points_blocked_pct	logical
kicking_extra_points_made	logical
kicking_fair_catches	logical
kicking_fair_catch_pct	logical
kicking_field_goal_attempts	logical
kicking_field_goal_attempts1_19	logical
kicking_field_goal_attempts20_29	logical
kicking_field_goal_attempts30_39	logical
kicking_field_goal_attempts40_49	logical
kicking_field_goal_attempts50_59	logical
kicking_field_goal_attempts60_99	logical
kicking_field_goal_attempts50	logical
kicking_field_goal_attempt_yards	logical
kicking_field_goal_pct	logical
kicking_field_goals_blocked	logical
kicking_field_goals_blocked_pct	logical
kicking_field_goals_made	logical
kicking_field_goals_made1_19	logical
kicking_field_goals_made20_29	logical
kicking_field_goals_made30_39	logical
kicking_field_goals_made40_49	logical
kicking_field_goals_made50_59	logical
kicking_field_goals_made60_99	logical
kicking_field_goals_made50	logical
kicking_field_goals_made_yards	logical
kicking_field_goals_missed_yards	logical
kicking_kickoff_returns	logical
kicking_kickoff_return_touchdowns	logical
kicking_kickoff_return_yards	logical
kicking_kickoffs	logical
kicking_kickoff_yards	logical
kicking_long_field_goal_attempt	logical

kicking_long_field_goal_made	logical
kicking_long_kickoff	logical
kicking_team_games_played	logical
kicking_total_kicking_points	logical
kicking_touchback_pct	logical
kicking_touchbacks	logical
returning_def_fumble_returns	logical
returning_def_fumble_return_yards	logical
returning_fumble_recoveries	logical
returning_fumble_recovery_yards	logical
returning_kick_return_fair_catches	logical
returning_kick_return_fair_catch_pct	logical
returning_kick_return_fumbles	logical
returning_kick_return_fumbles_lost	logical
returning_kick_returns	logical
returning_kick_return_touchdowns	logical
returning_kick_return_yards	logical
returning_long_kick_return	logical
returning_long_punt_return	logical
returning_misc_fumble_returns	logical
returning_misc_fumble_return_yards	logical
returning_opp_fumble_recoveries	logical
returning_opp_fumble_recovery_yards	logical
returning_opp_special_team_fumble_returns	logical
returning_opp_special_team_fumble_return_yards	logical
returning_punt_return_fair_catches	logical
returning_punt_return_fair_catch_pct	logical
returning_punt_return_fumbles	logical
returning_punt_return_fumbles_lost	logical
returning_punt_returns	logical
returning_punt_returns_started_inside_the10	logical
returning_punt_returns_started_inside_the20	logical
returning_punt_return_touchdowns	logical
returning_punt_return_yards	logical
returning_special_team_fumble_returns	logical
returning_special_team_fumble_return_yards	logical
returning_team_games_played	logical
returning_yards_per_kick_return	logical
returning_yards_per_punt_return	logical
returning_yards_per_return	logical
punting_avg_punt_return_yards	logical
punting_fair_catches	logical
punting_gross_avg_punt_yards	logical
punting_long_punt	logical
punting_net_avg_punt_yards	logical
punting_punt_returns	logical
punting_punt_return_yards	logical
punting_punts	logical

punting_punts_blocked	logical
punting_punts_blocked_pct	logical
punting_punts_inside10	logical
punting_punts_inside10pct	logical
punting_punts_inside20	logical
punting_punts_inside20pct	logical
punting_punt_yards	logical
punting_team_games_played	logical
punting_touchback_pct	logical
punting_touchbacks	logical
miscellaneous_first_downs	logical
miscellaneous_first_downs_passing	logical
miscellaneous_first_downs_penalty	logical
miscellaneous_first_downs_per_game	logical
miscellaneous_first_downs_rushing	logical
miscellaneous_fourth_down_attempts	logical
miscellaneous_fourth_down_conv_pct	logical
miscellaneous_fourth_down_convs	logical
miscellaneous_fumbles_lost	logical
miscellaneous_possession_time_seconds	logical
miscellaneous_redzone_efficiency_pct	logical
miscellaneous_redzone_field_goal_pct	logical
miscellaneous_redzone_scoring_pct	logical
miscellaneous_redzone_touchdown_pct	logical
miscellaneous_third_down_attempts	logical
miscellaneous_third_down_conv_pct	logical
miscellaneous_third_down_convs	logical
miscellaneous_total_giveaways	logical
miscellaneous_total_penalties	logical
miscellaneous_total_penalty_yards	logical
miscellaneous_total_takeaways	logical
miscellaneous_total_drives	logical
miscellaneous_turn_over_differential	logical
team_id	character
team_guid	character
team_uid	character
team_sdr	character
team_slug	character
team_location	character
team_name	character
team_nickname	character
team_abbreviation	character
team_display_name	character
team_short_display_name	character
team_color	character
team_alternate_color	character
is_active	logical
is_all_star	logical

logo_href	character
logo_dark_href	character

Author(s)

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Examples

```
try(espn_cfb_player_stats(athlete_id = 530308, year = 2013))
try(espn_cfb_player_stats(athlete_id = 4360799, year = 2022))
```

 espn_cfb_player_stats_v3

ESPN College Football Player Stats (web v3, all categories)

Description

Get a single college football player's web-common-v3 statistics from ESPN – the comprehensive /athletes/{id}/stats payload (every category: passing, rushing, receiving, defensive, etc.) in long format (one row per stat). This is the richer "v3" companion to [espn_cfb_player_stats\(\)](#) (core-v2 season statistics) and [espn_cfb_player_career_stats\(\)](#).

Usage

```
espn_cfb_player_stats_v3(athlete_id = NULL, year = NULL, athlete_detail = TRUE)
```

Arguments

athlete_id	(<i>Character/Integer</i> required): ESPN athlete id.
year	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 2004
athlete_detail	(<i>Logical</i>): when TRUE (default), append the athlete_* name columns via one extra athlete fetch.

Value

A data frame with one row per (category x team-season x stat):

col_name	types	description
athlete_id	character	ESPN athlete id.
season	integer	Requested season (4-digit year).
category	character	Stat category key (e.g. passing).
category_display	character	Human-readable category name.

team_id	character	ESPN team id for the stat row.
team_slug	character	Team slug for the stat row.
stat_season	integer	Season of the stat row (per ESPN).
position	character	Player position for the stat row.
stat_name	character	Stat key (from the category names).
stat_label	character	Stat short label (from labels).
stat_display_name	character	Stat display name (from displayNames).
value	character	Stat value (as published).

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_player_stats_v3(athlete_id = 4431611, year = 2023))
```

espn_cfb_position	ESPN College Football Position Detail
-------------------	---------------------------------------

Description

Get the ESPN core-v2 detail record for a single college football player position – name, display name, abbreviation, leaf flag, and the parent position id.

Usage

```
espn_cfb_position(position_id = NULL)
```

Arguments

`position_id` (*Integer* required): ESPN position id.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/positions`. `espn_cfb_positions()` returns the position index; this wrapper returns the single-position detail for one id. ESPN's position table is a tree – specific positions roll up under broader ones; the `leaf` flag marks the most specific positions and `parent_id` (when present) reconstructs the grouping. Returns a single-row tibble. Enumerate `position_ids` with `espn_cfb_positions()`.

Value

A single-row data frame:

col_name	types	description
<code>position_id</code>	character	ESPN position id.
<code>name</code>	character	Position name (e.g. Quarterback).
<code>display_name</code>	character	Human-readable position name.
<code>abbreviation</code>	character	Position abbreviation (e.g. QB).
<code>leaf</code>	logical	TRUE for a most-specific (leaf) position.
<code>parent_id</code>	character	ESPN id of the parent position (NA at the root).
<code>position_ref</code>	character	\$ref URL to the position resource.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_lineup()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`.

Examples

```
try(espn_cfb_position(position_id = 8))
```

espn_cfb_positions	ESPN College Football Positions Index
--------------------	---------------------------------------

Description

Get the catalog of player positions ESPN tracks for college football – the position names, abbreviations, and ids used throughout ESPN’s athlete and roster resources.

Usage

```
espn_cfb_positions()
```

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/positions`. The index returns one `$ref` per position (~74); this wrapper dereferences each and returns one row per position. ESPN’s position table is a tree – specific positions (e.g. left tackle) roll up under broader ones (e.g. offensive line). The leaf flag marks the most specific positions; `parent_id` (when present) reconstructs the grouping.

Value

A data frame with one row per position:

col_name	types	description
position_id	character	ESPN position id.
name	character	Position name (e.g. Quarterback).
display_name	character	Human-readable position name.
abbreviation	character	Position abbreviation (e.g. QB).
leaf	logical	TRUE for a most-specific (leaf) position.
parent_id	character	ESPN id of the parent position (NA at the root).
position_ref	character	<code>\$ref</code> URL to the position resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#),

espn_cfb_position(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(), espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(), espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(), espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(), espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(), espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

Examples

```
try(espn_cfb_positions())
```

espn_cfb_powerindex	ESPN College Football Power Index (Long Format)
---------------------	---

Description

Get ESPN’s College Football Power Index (FPI) ratings for a season, including the full set of predictive metrics and efficiency components ESPN publishes alongside the headline FPI number.

Usage

```
espn_cfb_powerindex(year = NULL)
```

Arguments

year (*Integer* required): Season, 4 digit format (YYYY).
Minimum value accepted: 2005

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/seasons/{year}/teams/{team_ref}/stats/{metric_group}`. Returns one row per team-metric in long format: each team contributes one row for every predictive metric (FPI, projected wins, strength of record, ...) and every efficiency component (offensive, defensive, and special-teams efficiency, ...). The long shape is deliberate – ESPN adds and retires metrics across seasons, and a long frame absorbs that drift without breaking column expectations. Pivot wider with `tidyr::pivot_wider()` keyed on `stat_name` when a wide table is wanted.

Value

A data frame with one row per team-metric:

col_name	types	description
season	integer	Season (4-digit year).
team_id	character	ESPN team id (parsed from <code>team_ref</code>).
team_ref	character	<code>\$ref</code> URL to the team-in-season resource.
metric_group	character	predictive or efficiency.
stat_name	character	Internal metric key (e.g. <code>fpi</code> , <code>offefficiency</code>).

abbreviation	character	Metric abbreviation.
display_name	character	Human-readable metric name.
value	numeric	Metric value.
display_value	character	Display-formatted metric value as shown on ESPN.
description	character	ESPN's description of the metric.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_lineup()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_powerindex(year = 2024))
```

espn_cfb_qbr	ESPN College Football Total Quarterback Rating (QBR)
--------------	--

Description

Get ESPN's Total Quarterback Rating (QBR) and its full set of clutch-weighted EPA components for a college football season.

Usage

```
espn_cfb_qbr(year = NULL, group = 80, athlete_detail = FALSE)
```

Arguments

year	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 2004
group	(<i>Integer</i> default 80): ESPN group id. 80 = all FBS. Conference group ids (e.g. 4 ACC, 8 Big 12, 12 SEC, 21 Big Ten) also work.
athlete_detail	(<i>Logical</i>): when TRUE, dereference each quarterback and append the athlete_* name columns (see <i>Details</i>). This costs one HTTP call per quarterback, so it defaults to FALSE; setting it FALSE reproduces the prior output exactly.

Details

Wraps the ESPN core-v2 QBR endpoint `seasons/{year}/types/2/groups/{group}/qbr/0`. It returns season-to-date regular-season QBR for every qualified passer in the requested group (conference / division). `group = 80` is the all-FBS bucket and is the sensible default; conference group ids (e.g. 4 ACC, 8 Big 12, 12 SEC, 21 Big Ten) also work.

Two parameters ESPN's QBR path technically accepts are deliberately **not** exposed, because neither carries data for college football:

- The `.../weeks/{week}/qbr/...` path returns the same season aggregate for every week – use `espn_cfb_player_stats()` for week-resolved passing production instead.
- The home/away game-location split (`.../qbr/1`, `.../qbr/2`) responds 200 but is empty for college football; only the total (`.../qbr/0`) is populated.

The result is wide – one row per quarterback – with the headline `qbr` column plus the 18 component metrics ESPN derives it from. Players are returned as ESPN athlete ids only (`athlete_id`) unless name resolution is requested.

When `athlete_detail = TRUE` the human-readable name columns `athlete_display_name`, `athlete_first_name`, `athlete_last_name`, `athlete_jersey`, `athlete_position`, and `athlete_position_abbreviation` are appended. There is no bulk athlete-name catalog, so resolving names here costs **one HTTP call per quarterback** – roughly 130 extra requests for an all-FBS pull. It therefore defaults to FALSE. A per-athlete fetch failure leaves that quarterback's name columns NA rather than erroring the wrapper. To resolve names without these extra calls, join `athlete_id` to another athlete source (e.g. `cfbd_team_roster()`).

Value

A data frame with one row per quarterback:

col_name	types	description
season	integer	Season (4-digit year).
season_type	integer	ESPN season type (2 = regular season).
group_id	character	ESPN group id queried (80 = all FBS).
athlete_id	character	ESPN athlete id (parsed from <code>athlete_ref</code>).
team_id	character	ESPN team id (parsed from <code>team_ref</code>).
qbpa	numeric	QB Points Added Above Average.
cwepa_passes_condensed	numeric	Clutch-weighted EPA from passes (condensed).
cwepa_rushes	numeric	Clutch-weighted EPA from designed rushes.

cwepa_sacked_condensed	numeric	Clutch-weighted EPA lost to sacks (condensed).
cwepa_penalties	numeric	Clutch-weighted EPA from penalties.
cwepa_total	numeric	Total clutch-weighted EPA.
action_plays	numeric	Action plays charged to the quarterback.
cw_average	numeric	Clutch-weighted average win value per play.
qbr	numeric	Total Quarterback Rating (0-100).
cwepa_passes	numeric	Clutch-weighted EPA from pass attempts.
cwepa_interceptions	numeric	Clutch-weighted EPA lost to interceptions.
cwepa_yards_after_carry	numeric	Clutch-weighted EPA from yards after carry.
cwepa_runs	numeric	Clutch-weighted EPA from runs.
cwepa_scrambles	numeric	Clutch-weighted EPA from scrambles.
cwepa_sacked	numeric	Clutch-weighted EPA lost to sacks.
cwepa_fumbles	numeric	Clutch-weighted EPA lost to fumbles.
avg_opp_dqbr	numeric	Average opponent defensive QBR faced.
sched_adj_qbr	numeric	Schedule-adjusted QBR.
unqualified_rank	numeric	QBR rank including unqualified passers.
athlete_ref	character	\$ref URL to the athlete-in-season resource.
team_ref	character	\$ref URL to the team-in-season resource.
athlete_display_name	character	Player display name; athlete_detail = TRUE only.
athlete_first_name	character	Player first name; athlete_detail = TRUE only.
athlete_last_name	character	Player last name; athlete_detail = TRUE only.
athlete_jersey	character	Player jersey number; athlete_detail = TRUE only.
athlete_position	character	Player position name; athlete_detail = TRUE only.
athlete_position_abbreviation	character	Player position abbreviation; athlete_detail = TRUE only.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_qbr(year = 2024))
```

```
try(espn_cfb_qbr(year = 2024, athlete_detail = TRUE))
```

espn_cfb_rankings	ESPN College Football Ranking Sources
-------------------	---------------------------------------

Description

Get the index of poll / ranking sources ESPN publishes for a college football season – the AP Top 25, the Coaches Poll, the CFP committee rankings, and the computer-derived polls.

Usage

```
espn_cfb_rankings(year = NULL)
```

Arguments

year (*Integer* required): Season, 4 digit format (YYYY).
Minimum value accepted: 2000

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/seasons/{year}/rankings`. The index returns one `$ref` per ranking source (~6-7); this wrapper dereferences each and returns one row per source, with a count of how many weekly snapshots that source published in the season. To pull the actual ranked teams for a given week, feed `season`, `season_type`, and a week to [espn_cfb_week_rankings\(\)](#).

Value

A data frame with one row per ranking source:

col_name	types	description
season	integer	Season (4-digit year).
ranking_id	character	ESPN ranking source id.
name	character	Ranking source name (e.g. AP Top 25).
short_name	character	Ranking source short name (e.g. AP Poll).
type	character	Ranking source type code (e.g. ap, cfp).
n_snapshots	integer	Number of weekly snapshots published by the source.
ranking_ref	character	<code>\$ref</code> URL to the ranking source resource.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_lineup()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_rankings(year = 2024))
```

espn_cfb_recruits	ESPN College Football Recruits
-------------------	--------------------------------

Description

Get the ESPN recruiting-class catalog for a college football signing class – one row per recruit, with athlete identity, position, physical measurements, ESPN grade, the overall / position / state / region rankings, the committed school, and the recruit’s hometown and high school.

Usage

```
espn_cfb_recruits(year = NULL, max_results = 100)
```

Arguments

- `year` (*Integer* required): Recruiting class / signing year, 4 digit format (YYYY). Minimum value accepted: 2006
- `max_results` (*Integer* default 100): Maximum number of recruits to dereference and return. The index is alphabetical, so this returns the alphabetically-first `max_results` recruits; raise it to pull more of the class.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/season/{season_index}/recruits`. The season index is \$ref-paginated and large (roughly 3,700-4,900 recruits per class), so dereferencing every recruit would be thousands of HTTP calls. ESPN exposes no pre-expanded recruiting endpoint – the `site.web.api.espn.com` recruiting paths all 404 – so this wrapper caps the walk at `max_results` recruits (default 100). Raise `max_results` (e.g. to several hundred or higher) to pull more of the class, at the cost of one extra HTTP call per recruit.

The index is returned by ESPN in athlete-name (alphabetical) order, not ranking order, and the `sort` query parameter is ignored upstream. The default `max_results = 100` therefore returns the alphabetically-first 100 recruits, not the top-100 ranked recruits. To rank the class, pull a larger slice and sort the result on `overall_rank` (lower is better); note ESPN only publishes an `overall_rank` for the highly-rated portion of each class, so most recruits carry NA there. `position_rank`, `state_rank`, and `region_rank` are populated more widely. `grade` is ESPN's 0-100 recruit grade (`0 / gradeDisplayValue = "NR"` means not rated).

`committed_team_id` / `committed_team_ref` are resolved from the recruit's `schools` array by matching a school whose commitment status equals the recruit's top-level status (e.g. Signed); recruits still uncommitted at fetch time leave both columns NA.

Value

A data frame with one row per recruit:

col_name	types	description
<code>recruit_id</code>	character	ESPN recruit id.
<code>recruiting_class</code>	integer	Recruiting class / signing year.
<code>athlete_id</code>	character	ESPN athlete id.
<code>alternate_athlete_id</code>	character	ESPN alternate athlete id (recruiting feed id).
<code>first_name</code>	character	Recruit first name.
<code>last_name</code>	character	Recruit last name.
<code>full_name</code>	character	Recruit full name.
<code>display_name</code>	character	Recruit display name.
<code>short_name</code>	character	Recruit short name.
<code>position_id</code>	character	ESPN position id.
<code>position_abbreviation</code>	character	Position abbreviation (e.g. OT, WR).
<code>weight</code>	numeric	Listed weight (lbs).
<code>height</code>	numeric	Listed height (inches).
<code>grade</code>	numeric	ESPN recruit grade (0-100; 0 = not rated).
<code>grade_display_value</code>	character	Display-formatted grade (NR when not rated).
<code>overall_rank</code>	integer	Overall recruit ranking (top recruits only; may be NA).
<code>position_rank</code>	integer	Position ranking.
<code>state_rank</code>	integer	State ranking.
<code>region_rank</code>	integer	Region ranking.
<code>status_id</code>	character	ESPN commitment status id.
<code>status</code>	character	Commitment status description (e.g. Signed).
<code>committed_team_id</code>	character	ESPN team id of the committed school (may be NA).
<code>hometown_city</code>	character	Recruit hometown city.
<code>hometown_state</code>	character	Recruit hometown state.

hometown_state_abbreviation	character	Recruit hometown state abbreviation.
high_school_id	character	ESPN high-school id.
high_school_name	character	Recruit high-school name.
recruit_ref	character	\$ref URL to the recruit resource.
athlete_ref	character	Player-card URL for the recruit.
committed_team_ref	character	\$ref URL to the committed team-in-season resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_recruits(year = 2024, max_results = 25))
```

espn_cfb_scoreboard	ESPN Scoreboard
---------------------	------------------------

Description

ESPN Scoreboard

Get live scoreboard data from ESPN or look up the college football schedule for a given season
ESPN Schedule

Usage

```
espn_cfb_scoreboard(date = NULL)
```

```
espn_cfb_schedule(
  year = NULL,
  week = NULL,
  season_type = NULL,
  groups = NULL,
  limit = 500
)
```

Arguments

date	(<i>Integer</i> required - YYYYMMDD): Date to pull
year	(int): Used to define different seasons. Minimum value accepted: 1877
week	(int): Week of the schedule.
season_type	(string): "regular", "postseason", "off-season", or "both".
groups	(string): Used to define different divisions. FBS or FCS.
limit	(int): number of records to return, default: 500.

Value

`espn_cfb_scoreboard()` & `espn_cfb_schedule()` - A data frame with 33 or 54 variables depending on if there are completed games: shared variables

- `matchup`: character.: Long matchup description with full team names (Utah Utes at UCLA Bruins).
- `matchup_short`: character.: Short matchup description with team abbreviations (UTAH @ UCLA).
- `season`: integer.: Season of the game.
- `type`: character.: Season type of the game in CFBD format.
- `slug`: character.: Season type of the game in ESPN format.
- `game_id`: character.: Referencing game ID.
- `game_uid`: character.:
- `game_date`: character.: Game date.
- `attendance`: integer.: Reported attendance at the game.
- `play_by_play_available`: logical:
- `home_team_name`: character.: Home team mascot name (Sun Devils).
- `home_team_logo`: character.: Home team logo url.
- `home_team_abb`: character.: Home team abbreviation (ASU).
- `home_team_id`: character.: Home team ID.
- `home_team_location`: character.: Home team name (Arizona State).

- `home_team_full`: character.: Home team full name (Arizona State Sun Devils).
- `home_team_color`: character.: Home team color.
- `home_score`: integer.: Home team points.
- `home_win`: integer.: 1 if home team won, 0 if home team lost, NA if game is unfinished
- `home_record`: character.: Home team record.
- `away_team_name`: character.: Away team mascot name (Sun Devils).
- `away_team_logo`: character.: Away team logo url.
- `away_team_abb`: character.: Away team abbreviation (ASU).
- `away_team_id`: character.: Away team ID.
- `away_team_location`: character.: Away team name (Arizona State).
- `away_team_full`: character.: Away team full name (Arizona State Sun Devils).
- `away_team_color`: character.: Away team color.
- `away_score`: integer.: Away team points.
- `away_win`: integer.: 1 if away team won, 0 if home team lost, NA if game is unfinished
- `away_record`: character.: Away team record.
- `status_name`: character.: Status of the game
- `start_date`: character.: Game date.

Unique variables when there are completed games

- `broadcast_market`: character.: Broadcast market (typically "national" or NA)
- `broadcast_name`: character.: Broadcast channel i.e. ESPN, ABC, FOX
- `passing_leader_yards`: numeric.: Passing yards of game's passing leader
- `passing_leader_stat`: character.: Stat line of game's passing leader
- `passing_leader_name`: character.: Name of game's passing leader
- `passing_leader_shortcode`: character.: First initial and last name of game's passing leader
- `passing_leader_headshot`: character.: Headshot url of game's passing leader
- `passing_leader_team_id`: character.: Team ID of game's passing leader
- `passing_leader_pos`: character.: Position of game's passing leader
- `rushing_leader_yards`: numeric.: Passing yards of game's rushing leader
- `rushing_leader_stat`: character.: Stat line of game's rushing leader
- `rushing_leader_name`: character.: Name of game's rushing leader
- `rushing_leader_shortcode`: character.: First initial and last name of game's rushing leader
- `rushing_leader_headshot`: character.: Headshot url of game's rushing leader
- `rushing_leader_team_id`: character.: Team ID of game's rushing leader
- `rushing_leader_pos`: character.: Position of game's rushing leader
- `receiving_leader_yards`: numeric.: Passing yards of game's receiving leader
- `receiving_leader_stat`: character.: Stat line of game's receiving leader
- `receiving_leader_name`: character.: Name of game's receiving leader

- receiving_leader_shortcode: character.: First initial and last name of game's receiving leader
- receiving_leader_headshot: character.: Headshot url of game's receiving leader
- receiving_leader_team_id: character.: Team ID of game's receiving leader
- receiving_leader_pos: character.: Position of game's receiving leader

`espn_cfb_schedule()` - A data frame with 8 variables:

- matchup: character.: .
- matchup_short: character.: .
- season: integer.: .
- type: character.: .
- slug: character.: .
- game_id: character.: .
- game_uid: character.: .
- game_date: Date.: .
- attendance: integer.: .
- date_valid: logical.: .
- play_by_play_available: logical.: .
- home_team_name: character.: .
- home_team_logo: character.: .
- home_team_abb: character.: .
- home_team_id: character.: .
- home_team_location: character.: .
- home_team_full: character.: .
- home_team_color: character.: .
- home_score: integer.: .
- home_win: integer.: .
- home_record: character.: .
- away_team_name: character.: .
- away_team_logo: character.: .
- away_team_abb: character.: .
- away_team_id: character.: .
- away_team_location: character.: .
- away_team_full: character.: .
- away_team_color: character.: .
- away_score: integer.: .
- away_win: integer.: .
- away_record: character.: .
- status_name: character.: .
- start_date: character.: .
- highlights: logical.: .
- game_date_time: datetime.: .

Examples

```
try(espn_cfb_scoreboard())
```

```
try(espn_cfb_schedule(2021, week = 8))
```

 espn_cfb_season

ESPN College Football Season Endpoint Overview

Description

- `espn_cfb_groups()`: Get the full ESPN group hierarchy for a college football season – division roll-ups and conferences flattened into one catalog table.
- `espn_cfb_rankings()`: Get the index of poll / ranking sources ESPN publishes for a college football season.
- `espn_cfb_season_info()`: Get the ESPN core-v2 detail record for a single college football season.
- `espn_cfb_season_types()`: Get the set of season types (preseason, regular season, postseason, off-season) ESPN tracks for a college football season.
- `espn_cfb_season_weeks()`: Get the calendar of weeks ESPN tracks for a college football season type.
- `espn_cfb_seasons()`: Get the index of every college football season ESPN tracks in its core-v2 API.
- `espn_cfb_standings()`: Get ESPN's standings for a college football group – full record splits and standings statistics for every team.
- `espn_cfb_week_rankings()`: Get the ranked teams from every poll ESPN published in a single week of a college football season.

Details**Get ESPN College Football Groups & Conferences:**

```
espn_cfb_groups(year = 2024)
```

Get ESPN College Football Ranking Sources:

```
espn_cfb_rankings(year = 2024)
```

Get ESPN College Football Season Detail:

```
espn_cfb_season_info(year = 2024)
```

Get ESPN College Football Season Types:

```
espn_cfb_season_types(year = 2024)
```

Get ESPN College Football Season Weeks:

```
espn_cfb_season_weeks(year = 2024)
```

Get ESPN College Football Seasons Index:

```
espn_cfb_seasons()
```

Get ESPN College Football Standings (Long Format):

```
espn_cfb_standings(year = 2024)

espn_cfb_standings(year = 2024, team_detail = FALSE)
```

Get ESPN College Football Weekly Rankings:

```
espn_cfb_week_rankings(year = 2024, week = 8)

espn_cfb_week_rankings(year = 2024, week = 8, team_detail = FALSE)
```

espn_cfb_seasons	ESPN College Football Seasons Index
------------------	--

Description

Get the index of every college football season ESPN tracks in its core-v2 API, with each season’s start and end dates.

Usage

```
espn_cfb_seasons()
```

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/seasons`. The index is \$ref-paginated; this wrapper walks every page, dereferences each season \$ref, and returns one row per season. ESPN’s CFB season coverage runs back to the early 1900s, so the table is long – filter on season for the years you need. Use [espn_cfb_season_info\(\)](#) for the full per-season detail (season types, rankings, awards, futures refs).

Value

A data frame with one row per season:

col_name	types	description
season	integer	Season (4-digit year).
display_name	character	ESPN display name for the season.
start_date	character	Season start timestamp (ISO 8601, UTC).
end_date	character	Season end timestamp (ISO 8601, UTC).

season_ref character \$ref URL to the season resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_seasons())
```

espn_cfb_season_info	ESPN College Football Season Detail
----------------------	-------------------------------------

Description

Get the ESPN core-v2 detail record for a single college football season – start / end dates, the active season type, and the \$ref links to that season’s types, rankings, athletes, awards, and futures sub-resources.

Usage

```
espn_cfb_season_info(year = NULL)
```

Arguments

year (*Integer* required): Season, 4 digit format (YYYY).
Minimum value accepted: 1872

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/seasons`. Returns a single-row tibble. The `*_ref` columns are the season-scoped sub-resource entry points – feed `types_ref` to [espn_cfb_season_types\(\)](#), `rankings_ref` to [espn_cfb_rankings\(\)](#), and so on. `active_type_*` describes the season type ESPN currently considers "live" for the year (preseason / regular / postseason / off-season).

Value

A single-row data frame:

col_name	types	description
season	integer	Season (4-digit year).
display_name	character	ESPN display name for the season.
start_date	character	Season start timestamp (ISO 8601, UTC).
end_date	character	Season end timestamp (ISO 8601, UTC).
active_type_id	integer	ESPN id of the currently active season type.
active_type	integer	Active season type code (1 pre, 2 reg, 3 post).
active_type_name	character	Active season type name (e.g. Regular Season).
types_ref	character	<code>\$ref</code> URL to the season types index.
rankings_ref	character	<code>\$ref</code> URL to the season rankings index.
athletes_ref	character	<code>\$ref</code> URL to the season athletes index.
awards_ref	character	<code>\$ref</code> URL to the season awards index.
futures_ref	character	<code>\$ref</code> URL to the season betting-futures index.
leaders_ref	character	<code>\$ref</code> URL to the season leaders resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_season_info(year = 2024))
```

espn_cfb_season_types	ESPN College Football Season Types
-----------------------	------------------------------------

Description

Get the set of season types (preseason, regular season, postseason, off-season) ESPN tracks for a college football season, including each type’s date window and capability flags.

Usage

```
espn_cfb_season_types(year = NULL)
```

Arguments

year (*Integer* required): Season, 4 digit format (YYYY).
Minimum value accepted: 1872

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/seasons`. The index returns one `$ref` per season type; this wrapper dereferences each and returns one row per type (typically four: 1 preseason, 2 regular season, 3 postseason, 4 off-season). The `season_type` ids returned here are the values other Batch 5 wrappers ([espn_cfb_season_weeks\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_week_rankings\(\)](#)) accept as their `season_type` argument.

Value

A data frame with one row per season type:

col_name	types	description
season	integer	Season (4-digit year).
season_type	integer	ESPN season type id (1 pre, 2 reg, 3 post, 4 off).
type	integer	Season type code (mirrors <code>season_type</code>).
name	character	Season type name (e.g. Regular Season).
abbreviation	character	Season type abbreviation (e.g. reg).
slug	character	Season type slug (e.g. regular-season).
start_date	character	Season type start timestamp (ISO 8601, UTC).
end_date	character	Season type end timestamp (ISO 8601, UTC).
has_groups	logical	Whether the season type exposes a groups resource.
has_standings	logical	Whether the season type exposes standings.
type_ref	character	<code>\$ref</code> URL to the season type resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_season_types(year = 2024))
```

espn_cfb_season_weeks	ESPN College Football Season Weeks
-----------------------	------------------------------------

Description

Get the calendar of weeks ESPN tracks for a college football season type – each week’s number, label, and start / end dates.

Usage

```
espn_cfb_season_weeks(year = NULL, season_type = 2)
```

Arguments

- year (*Integer* required): Season, 4 digit format (YYYY).
Minimum value accepted: 1999
- season_type (*Integer* default 2): ESPN season type id. 2 = regular season (the only type with a meaningful week calendar), 3 = postseason, 1 = preseason.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/seasons/{season_id}/weeks/{week_id}`. The index returns one `$ref` per week; this wrapper dereferences each and returns one row per week (~15-16 for a regular season). The week numbers returned here are the values `espn_cfb_week_rankings()` accepts.

Value

A data frame with one row per week:

col_name	types	description
season	integer	Season (4-digit year).
season_type	integer	ESPN season type id queried.
week	integer	Week number.
text	character	Week label (e.g. Week 1, Bowls).
start_date	character	Week start timestamp (ISO 8601, UTC).
end_date	character	Week end timestamp (ISO 8601, UTC).
week_ref	character	<code>\$ref</code> URL to the week resource.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_lineup()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_season_weeks(year = 2024))
```

espn_cfb_standings	ESPN College Football Standings (Long Format)
--------------------	--

Description

Get ESPN's standings for a college football group – the full set of record splits (overall, home, away, conference, ...) and every standings statistic (wins, losses, point differential, streak, ...) for every team in the group.

Usage

```
espn_cfb_standings(
  year = NULL,
  group_id = 90,
  season_type = 2,
  team_detail = TRUE
)
```

Arguments

year	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 2001
group_id	(<i>Integer</i> default 90): ESPN group id. 90 = NCAA Division I (all D-I teams). Conference group ids also work.
season_type	(<i>Integer</i> default 2): ESPN season type id. 2 = regular season.
team_detail	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/seasons/{year}/standings/{group_id}`. The standings resource nests three levels deep – team -> record split -> statistic – so this wrapper returns long format: one row per (team x record split x statistic). The long shape absorbs ESPN's habit of adding standings stats across seasons. Pivot wider keyed on stat_name (within a record_type) when a wide table is wanted.

group_id = 90 (NCAA Division I) is the sensible default and yields every D-I team in one call. Conference-level group_ids – enumerate them with `espn_cfb_groups()` – restrict the table to that conference.

When team_detail = TRUE (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the team_id column – team_name, team_abbreviation, team_location, team_display_name, team_short_display_name, team_nickname, team_color, team_alternate_color, team_logo_href, and team_logo_dark_href, inserted immediately after team_id. A catalog failure degrades to NA rather than erroring the wrapper. Set team_detail = FALSE to skip the catalog fetch and the join.

Value

A data frame with one row per team-record-statistic:

col_name	types	description
season	integer	Season (4-digit year).
season_type	integer	ESPN season type id queried.
group_id	character	ESPN group id queried.
team_id	character	ESPN team id (parsed from team_ref).
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
record_type	character	Record split type code (e.g. total, homerecord).
record_name	character	Record split name (e.g. Overall, Home).
record_summary	character	Record split summary (e.g. 14-0).
stat_name	character	Standings statistic key (e.g. wins, streak).
abbreviation	character	Statistic abbreviation.
display_name	character	Human-readable statistic name.
value	numeric	Statistic value.
display_value	character	Display-formatted statistic value.
team_ref	character	\$ref URL to the per-season team resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_standings(year = 2024))
try(espn_cfb_standings(year = 2024, team_detail = FALSE))
```

espn_cfb_team	ESPN College Football Team Endpoint Overview
---------------	--

Description

- `espn_cfb_team()`: Get ESPN’s detailed record for a single college football team in a given season – identifiers, branding, conference grouping, and home venue.
- `espn_cfb_teams()`: Get the full ESPN directory of college football teams – one row per team with identifiers, branding, conference grouping, and logo URLs.
- `espn_cfb_team_ats()`: Get a college football team’s against-the-spread (ATS) records for a season – the 6-7 betting split rows ESPN tracks (overall, as favorite, as underdog, home, away, ...).
- `espn_cfb_team_awards()`: Get the awards won by a college football team’s players in a season – one row per (award x winning athlete).
- `espn_cfb_team_coaches()`: Get the coaches associated with a college football team for a season – one row per coach, with name, birth detail, and experience.
- `espn_cfb_team_events()`: Get a college football team’s full season event log – every game (regular season and postseason) ESPN lists for the team-season.
- `espn_cfb_team_leaders()`: Get a college football team’s season statistical leaders – the top athletes in each ESPN leader category (passing, rushing, receiving, tackles, ...).
- `espn_cfb_team_powerindex()`: Get ESPN’s College Football Power Index (FPI) detail for a single team-season – the full set of predictive metrics and efficiency components ESPN attaches to one team.
- `espn_cfb_team_ranks()`: Get a college football team’s poll-rank history for a season – one row per poll (AP, Coaches, CFP Committee, ...) the team appeared in.
- `espn_cfb_team_record()`: Get a college football team’s season records – overall, home, away, and conference splits – with the full set of summary stats ESPN attaches to each.
- `espn_cfb_team_roster()`: Get the season roster for a single college football team – one row per athlete with biographical detail, position, jersey number, and class/experience.
- `espn_cfb_team_schedule()`: Get a single college football team’s full-season schedule – one row per game with opponent, venue, broadcast, score, and result.
- `espn_cfb_team_stats()`: Get ESPN college football team season statistics – a wide tibble of team identifiers and per-category statistical totals.

Get ESPN’s detailed record for a single college football team in a given season – identifiers, branding, conference grouping, and home venue.

Usage

```
espn_cfb_team(team_id = NULL, year = NULL, team_detail = TRUE)
```

Arguments

team_id	(<i>Integer</i> required): ESPN team id.
year	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 1869
team_detail	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details**ESPN College Football Team Detail (Season-Scoped):**

```
espn_cfb_team(team_id = 61, year = 2024)
```

ESPN College Football Teams Index:

```
espn_cfb_teams()
```

ESPN College Football Team Against-the-Spread Records:

```
espn_cfb_team_ats(team_id = 61, year = 2024)
```

ESPN College Football Team Awards:

```
espn_cfb_team_awards(team_id = 61, year = 2023)
```

ESPN College Football Team Coaches:

```
espn_cfb_team_coaches(team_id = 61, year = 2024)
```

ESPN College Football Team Season Event Log:

```
espn_cfb_team_events(team_id = 61, year = 2024)
```

ESPN College Football Team Statistical Leaders:

```
espn_cfb_team_leaders(team_id = 61, year = 2024)
```

ESPN College Football Single-Team Power Index (Long Format):

```
espn_cfb_team_powerindex(team_id = 61, year = 2024)
```

ESPN College Football Team Poll Rank History:

```
espn_cfb_team_ranks(team_id = 61, year = 2024)
```

ESPN College Football Team Record (Long Format):

```
espn_cfb_team_record(team_id = 61, year = 2024)
```

ESPN College Football Team Roster (Season-Scoped):

```
espn_cfb_team_roster(team_id = 61, year = 2024)
```

ESPN College Football Team Schedule:

```
espn_cfb_team_schedule(team_id = 61, year = 2024)
```

Get ESPN college football team stats data:

```
espn_cfb_team_stats(team_id = 52, year = 2020)
```

Wraps the ESPN core-v2 team-in-season endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college`. Unlike the site-v2 team payload, the core-v2 resource is season-scoped, so a team's conference grouping is resolved for the requested year. The result is a single-row data frame. Team ids are ESPN team identifiers – enumerate them with `espn_cfb_teams()`.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A one-row data frame:

col_name	types	description
season	integer	Season (4-digit year).
team_id	character	ESPN team id.
team_name	character	Team nickname; <code>team_detail = TRUE</code> only.
team_abbreviation	character	Team abbreviation; <code>team_detail = TRUE</code> only.
team_location	character	Team location / school name; <code>team_detail = TRUE</code> only.
team_display_name	character	Full team display name; <code>team_detail = TRUE</code> only.
team_short_display_name	character	Short team display name; <code>team_detail = TRUE</code> only.
team_nickname	character	Team nickname label; <code>team_detail = TRUE</code> only.
team_color	character	Primary team color; <code>team_detail = TRUE</code> only.
team_alternate_color	character	Alternate team color; <code>team_detail = TRUE</code> only.
team_logo_href	character	Default team logo URL; <code>team_detail = TRUE</code> only.
team_logo_dark_href	character	Dark-variant team logo URL; <code>team_detail = TRUE</code> only.
guid	character	ESPN team GUID.
uid	character	ESPN global unique identifier.
slug	character	URL slug for the team.
abbreviation	character	Team abbreviation.
display_name	character	Full team display name.
short_display_name	character	Short team display name.
name	character	Team nickname (e.g. Bulldogs).
nickname	character	Team nickname / location label.
location	character	Team location / school name.
color	character	Primary team color (hex, no #).
alternate_color	character	Alternate team color (hex, no #).
is_active	logical	Whether the team is currently active.
is_all_star	logical	Whether the team is an all-star team.
group_id	character	ESPN group (conference) id for the season.

venue_id	character	ESPN id of the team’s home venue.
venue_name	character	Name of the team’s home venue.
venue_city	character	Home venue city.
venue_state	character	Home venue state.
venue_indoor	logical	Whether the home venue is indoors.
venue_grass	logical	Whether the home venue has a grass surface.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_team(team_id = 61, year = 2024))
try(espn_cfb_team(team_id = 61, year = 2024, team_detail = FALSE))
```

espn_cfb_teams	ESPN College Football Teams Index
----------------	-----------------------------------

Description

Get the full ESPN directory of college football teams – one row per team with identifiers, branding, conference grouping, and logo URLs.

Usage

```
espn_cfb_teams()
```

Details

Wraps the ESPN site-v2 expanded teams endpoint `site.api.espn.com/apis/site/v2/sports/football/college-football/teams`. The expanded endpoint returns every team fully inlined in a single call (no \$ref dereferencing), so one request produces the whole directory. The `team_id` column is the ESPN team identifier used as the `team_id` argument to the other `espn_cfb_team_*`() wrappers.

Value

A data frame with one row per team:

col_name	types	description
<code>team_id</code>	character	ESPN team id.
<code>uid</code>	character	ESPN global unique identifier.
<code>slug</code>	character	URL slug for the team.
<code>abbreviation</code>	character	Team abbreviation.
<code>display_name</code>	character	Full team display name.
<code>short_display_name</code>	character	Short team display name.
<code>name</code>	character	Team nickname (e.g. Bulldogs).
<code>nickname</code>	character	Team nickname / location label.
<code>location</code>	character	Team location / school name.
<code>color</code>	character	Primary team color (hex, no #).
<code>alternate_color</code>	character	Alternate team color (hex, no #).
<code>is_active</code>	logical	Whether the team is currently active.
<code>is_all_star</code>	logical	Whether the team is an all-star team.
<code>logo_href</code>	character	URL of the default team logo.
<code>logo_dark_href</code>	character	URL of the dark-variant team logo.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_lineup()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_teams())
```

espn_cfb_team_ats	ESPN College Football Team Against-the-Spread Records
-------------------	---

Description

Get a college football team’s against-the-spread (ATS) records for a season – the 6-7 betting split rows ESPN tracks (overall, as favorite, as underdog, home, away, ...).

Usage

```
espn_cfb_team_ats(  
  team_id = NULL,  
  year = NULL,  
  season_type = 2,  
  team_detail = TRUE  
)
```

Arguments

team_id	(Integer required): ESPN team id.
year	(Integer required): Season, 4 digit format (YYYY). Minimum value accepted: 2007
season_type	(Integer default 2): ESPN season type. 2 = regular season, 3 = postseason.
team_detail	(Logical): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 team ATS endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/teams/{team_id}/season/{year}/ats`. ESPN returns one item per ATS split, each carrying a wins/losses/pushes triple and a type block (id, name, description). This wrapper returns one row per split. The ATS records are populated only for completed games, so an in-progress or future season may return an empty frame.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per ATS split:

col_name	types	description
season	integer	Season (4-digit year).
season_type	integer	ESPN season type (2 = regular, 3 = postseason).
team_id	character	ESPN team id.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
ats_type_id	character	ATS split type id (e.g. 0, 1, 2).
ats_type_name	character	ATS split type key (e.g. atsOverall, atsFavorite).
ats_description	character	ESPN's description of the ATS split.
wins	integer	Wins against the spread in the split.
losses	integer	Losses against the spread in the split.
pushes	integer	Pushes (no cover, no loss) in the split.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_team_ats(team_id = 61, year = 2024))
try(espn_cfb_team_ats(team_id = 61, year = 2024, team_detail = FALSE))
```

 espn_cfb_team_awards **ESPN College Football Team Awards**

Description

Get the awards won by a college football team's players in a season – one row per (award x winning athlete).

Usage

```
espn_cfb_team_awards(team_id = NULL, year = NULL, team_detail = TRUE)
```

Arguments

team_id	(<i>Integer</i> required): ESPN team id.
year	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 1935
team_detail	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to every team-id column (team_id, winner_team_id) in the output (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 team awards endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-f`. The index endpoint returns a \$ref list of award resources; this wrapper dereferences each one and returns a row per winning athlete for the award. Athletes are returned as ESPN athlete ids (parsed from athlete_ref); join to another athlete source for names. Most teams have only one or two award items in a season.

When team_detail = TRUE (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined onto every team-id column the output carries – team_id and winner_team_id. For each id column X_id the friendly siblings X_name, X_abbreviation, X_location, X_display_name, X_short_display_name, X_nickname, X_color, X_alternate_color, X_logo_href, and X_logo_dark_href are inserted immediately after it. A catalog failure degrades to NA rather than erroring the wrapper. Set team_detail = FALSE to skip the catalog fetch and the join.

Value

A data frame with one row per award-winner:

col_name	types	description
season	integer	Season (4-digit year).
team_id	character	ESPN team id.
team_name	character	Team nickname; team_detail = TRUE only.

team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alterate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
award_id	character	ESPN award id.
award_name	character	Award display name (e.g. John Mackey Award).
award_description	character	Short description of the award.
athlete_id	character	ESPN athlete id of the winner (parsed from athlete_ref).
winner_team_id	character	ESPN team id credited with the win (parsed from winner_team_ref).
winner_team_name	character	Winner team nickname; team_detail = TRUE only.
winner_team_abbreviation	character	Winner team abbreviation; team_detail = TRUE only.
winner_team_location	character	Winner team location / school; team_detail = TRUE only.
winner_team_display_name	character	Winner team full display name; team_detail = TRUE only.
winner_team_short_display_name	character	Winner team short display name; team_detail = TRUE only.
winner_team_nickname	character	Winner team nickname label; team_detail = TRUE only.
winner_team_color	character	Winner team primary color; team_detail = TRUE only.
winner_team_alterate_color	character	Winner team alternate color; team_detail = TRUE only.
winner_team_logo_href	character	Winner team default logo URL; team_detail = TRUE only.
winner_team_logo_dark_href	character	Winner team dark logo URL; team_detail = TRUE only.
award_ref	character	\$ref URL to the core-v2 award resource.
athlete_ref	character	\$ref URL to the winning athlete-in-season resource.
winner_team_ref	character	\$ref URL to the winner's team-in-season resource.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_lineup()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_team_awards(team_id = 61, year = 2023))
try(espn_cfb_team_awards(team_id = 61, year = 2023,
  team_detail = FALSE))
```

espn_cfb_team_coaches	ESPN College Football Team Coaches
-----------------------	---

Description

Get the coach associated with a college football team for the current season – one row per coach, with name, birth detail, and experience.

Usage

```
espn_cfb_team_coaches(
  team_id = NULL,
  year = most_recent_cfb_season(),
  team_detail = TRUE
)
```

Arguments

team_id	(Integer required): ESPN team id.
year	DEPRECATED. (Integer): Season, 4 digit format (YYYY). Defaults to most recent CFB season.
team_detail	(Logical): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 team coaches endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-f`. The index endpoint returns a \$ref list of coach resources; this wrapper dereferences each one and returns a row per coach with the coach detail flattened. Most teams list a single head coach per season.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per coach:

col_name	types	description
season	integer	Season (4-digit year).
team_id	character	ESPN team id.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
coach_id	character	ESPN coach id.
first_name	character	Coach's first name.
last_name	character	Coach's last name.
date_of_birth	character	Coach's date of birth.
birth_city	character	City of birth.
birth_state	character	State of birth.
birth_country	character	Country of birth.
experience	integer	Years of experience ESPN credits the coach.
coach_ref	character	\$href URL to the core-v2 coach-in-season resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_team_coaches(team_id = 61))
try(espn_cfb_team_coaches(team_id = 61, team_detail = FALSE))
```

espn_cfb_team_events	ESPN College Football Team Season Event Log
----------------------	---

Description

Get a college football team’s full season event log – every game (regular season and postseason) ESPN lists for the team-season.

Usage

```
espn_cfb_team_events(team_id = NULL, year = NULL, team_detail = TRUE)
```

Arguments

- team_id (Integer required): ESPN team id.
- year (Integer required): Season, 4 digit format (YYYY). Minimum value accepted: 1999
- team_detail (Logical): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see *Details*). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 team events endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/teams/{team_id}/schedule`. ESPN returns a \$ref list – one reference per game – in core-v2’s id space, complementing the site-v2 `espn_cfb_team_schedule()`. This wrapper returns one row per game with game_id parsed from each \$ref; it does **not** dereference each game (feed the game_id values to `espn_cfb_game_teams()`, `espn_cfb_game_pbp()`, or the other `espn_cfb_game_*`() wrappers for hydrated game detail). The event_order column preserves the order ESPN returns the games.

When team_detail = TRUE (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the team_id column – team_name, team_abbreviation, team_location, team_display_name, team_short_display_name, team_nickname, team_color, team_alternate_color, team_logo_href, and team_logo_dark_href, inserted immediately after team_id. A catalog failure degrades to NA rather than erroring the wrapper. Set team_detail = FALSE to skip the catalog fetch and the join.

Value

A data frame with one row per game:

col_name	types	description
season	integer	Season (4-digit year).
team_id	character	ESPN team id.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
event_order	integer	Order of the game within the team's season event log.
game_id	character	ESPN game (event) id, parsed from event_ref.
event_ref	character	\$ref URL to the core-v2 event resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_team_events(team_id = 61, year = 2024))
try(espn_cfb_team_events(team_id = 61, year = 2024,
                          team_detail = FALSE))
```

 espn_cfb_team_leaders **ESPN College Football Team Statistical Leaders**

Description

Get a college football team's season statistical leaders – the top athletes in each ESPN leader category (passing, rushing, receiving, tackles, ...).

Usage

```
espn_cfb_team_leaders(
  team_id = NULL,
  year = NULL,
  season_type = 2,
  team_detail = TRUE
)
```

Arguments

<code>team_id</code>	(<i>Integer</i> required): ESPN team id.
<code>year</code>	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 2004
<code>season_type</code>	(<i>Integer</i> default 2): ESPN season type. 2 = regular season, 3 = postseason.
<code>team_detail</code>	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the <code>team_id</code> column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 team leaders endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/teams/{team_id}/leaders`. ESPN groups leaders into categories and ranks several athletes within each. This wrapper flattens that to long format: one row per (category x ranked athlete), with `leader_rank` preserving the order ESPN returns. Athletes are returned as ESPN athlete ids; join to `espn_cfb_team_roster()` for names.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per category-leader:

col_name	types	description
----------	-------	-------------

season	integer	Season (4-digit year).
season_type	integer	ESPN season type (2 = regular, 3 = postseason).
team_id	character	ESPN team id.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
category_name	character	Leader category key (e.g. passingLeader).
category_display	character	Leader category display name.
leader_rank	integer	Rank of the athlete within the category (1 = top).
athlete_id	character	ESPN athlete id (parsed from athlete_ref).
value	numeric	Leading stat value.
display_value	character	Display-formatted stat line.
athlete_ref	character	\$ref URL to the athlete-in-season resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_team_leaders(team_id = 61, year = 2024))
try(espn_cfb_team_leaders(team_id = 61, year = 2024,
                           team_detail = FALSE))
```

espn_cfb_team_powerindex

ESPN College Football Single-Team Power Index (Long Format)

Description

Get ESPN's College Football Power Index (FPI) detail for a single team-season – the full set of predictive metrics and efficiency components ESPN attaches to one team.

Usage

```
espn_cfb_team_powerindex(team_id = NULL, year = NULL, team_detail = TRUE)
```

Arguments

team_id	(<i>Integer</i> required): ESPN team id.
year	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 2005
team_detail	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 single-team power-index endpoint `sports.core.api.espn.com/v2/sports/football/leagues/`. Where `espn_cfb_powerindex()` returns the league-wide index, this wrapper drills into one team and returns one row per metric in long format: every predictive metric (FPI, projected wins, strength of record, ...) and every efficiency component (offensive, defensive, special-teams efficiency, ...). The long shape is deliberate – ESPN adds and retires metrics across seasons, and a long frame absorbs that drift. Pivot wider with `tidyr::pivot_wider()` keyed on `stat_name` for a wide table.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per metric:

col_name	types	description
season	integer	Season (4-digit year).
team_id	character	ESPN team id.
team_name	character	Team nickname; <code>team_detail = TRUE</code> only.
team_abbreviation	character	Team abbreviation; <code>team_detail = TRUE</code> only.

team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
team_ref	character	\$ref URL to the team-in-season resource.
last_updated	character	Timestamp ESPN last refreshed the power index.
metric_group	character	predictive or efficiency.
stat_name	character	Internal metric key (e.g. fpi, offefficiency).
abbreviation	character	Metric abbreviation.
display_name	character	Human-readable metric name.
value	numeric	Metric value.
display_value	character	Display-formatted metric value as shown on ESPN.
description	character	ESPN's description of the metric.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_lineup()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_venues()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_team_powerindex(team_id = 61, year = 2024))
try(espn_cfb_team_powerindex(team_id = 61, year = 2024,
                             team_detail = FALSE))
```

espn_cfb_team_ranks	ESPN College Football Team Poll Rank History
---------------------	--

Description

Get a college football team’s poll-rank history for a season – one row per poll (AP, Coaches, CFP Committee, ...) the team appeared in, with current/previous rank, trend, and record.

Usage

```
espn_cfb_team_ranks(  
  team_id = NULL,  
  year = NULL,  
  week = NULL,  
  team_detail = TRUE  
)
```

Arguments

- team_id (*Integer* required): ESPN team id.
- year (*Integer* required): Season, 4 digit format (YYYY).
Minimum value accepted: 2000
- week (*Integer* optional): Regular-season week. When supplied, the team’s rank at that specific week is returned.
- team_detail (*Logical*): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see *Details*). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 team ranks endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/teams/{team_id}/ranks/{year}`. When a week is supplied the week-resolved variant is used instead: `sports.core.api.espn.com/v2/sports/football/leagues/college-football/teams/{team_id}/ranks/{year}/{week}`. The index endpoint returns a \$ref list of poll-rank resources; this wrapper dereferences each one and returns a single row per poll with the rank detail flattened. Without a week, ESPN returns the season’s final poll positions (one row per poll, plus postseason polls).

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per poll-rank:

col_name	types	description
season	integer	Season (4-digit year).
team_id	character	ESPN team id.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
week	integer	Week of the rank occurrence.
poll_id	character	ESPN poll id (e.g. 21 = CFP Committee Rankings).
poll_name	character	Poll display name.
poll_short_name	character	Poll short name.
poll_type	character	Poll type code (e.g. cfp, ap, usa).
headline	character	Headline ESPN attaches to the poll release.
date	character	Date of the poll release.
current_rank	integer	Team's rank in this poll.
previous_rank	integer	Team's rank in the prior release of this poll.
trend	character	Rank movement string (e.g. +3, -1).
points	numeric	Voting points the team received.
first_place_votes	integer	First-place votes the team received.
record_summary	character	Team's win-loss record at the time of the poll.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_team_ranks(team_id = 61, year = 2024))
try(espn_cfb_team_ranks(team_id = 61, year = 2024,
  team_detail = FALSE))
```

espn_cfb_team_record	ESPN College Football Team Record (Long Format)
----------------------	---

Description

Get a college football team’s season records – overall, home, away, and conference splits – with the full set of summary stats ESPN attaches to each.

Usage

```
espn_cfb_team_record(
  team_id = NULL,
  year = NULL,
  season_type = 2,
  team_detail = TRUE
)
```

Arguments

team_id	(Integer required): ESPN team id.
year	(Integer required): Season, 4 digit format (YYYY). Minimum value accepted: 2000
season_type	(Integer default 2): ESPN season type. 2 = regular season, 3 = postseason.
team_detail	(Logical): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 team record endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/teams/{team_id}/records/{year}`. ESPN returns several record items per team (overall, home record, away record, vs. conference), each carrying ~20 summary stats. This wrapper flattens that to long format: one row per (record-item x stat). The long shape absorbs ESPN adding or retiring stat keys across seasons. Pivot wider with `tidyr::pivot_wider()` keyed on `stat_name` for a wide table.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per record-stat:

col_name	types	description
season	integer	Season (4-digit year).
season_type	integer	ESPN season type (2 = regular, 3 = postseason).
team_id	character	ESPN team id.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
record_type	character	Record type code (e.g. total, homerecord).
record_name	character	Record display name (e.g. overall, Home).
record_summary	character	Win-loss summary string (e.g. 13-1).
stat_name	character	Stat key (e.g. wins, avgPointsFor).
stat_value	numeric	Numeric stat value.
stat_display	character	Display-formatted stat value.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_team_record(team_id = 61, year = 2024))
try(espn_cfb_team_record(team_id = 61, year = 2024,
```

```
team_detail = FALSE))
```

espn_cfb_team_roster	ESPN College Football Team Roster (Season-Scoped)
----------------------	--

Description

Get the season roster for a single college football team – one row per athlete with biographical detail, position, jersey number, and class/experience.

Usage

```
espn_cfb_team_roster(  
  team_id = NULL,  
  year = NULL,  
  position_detail = TRUE,  
  team_detail = TRUE  
)
```

Arguments

- team_id (*Integer* required): ESPN team id.
- year (*Integer* required): Season, 4 digit format (YYYY).
Minimum value accepted: 2004
- position_detail (*Logical*): when TRUE (default), fetch the ESPN position catalog once and join it onto position_id, appending the five position_* detail columns shown in the *Value* table. A catalog failure degrades to NA rather than erroring the wrapper. Set FALSE to skip the extra fetch and the join.
- team_detail (*Logical*): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see *Details*). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 season athlete index `sports.core.api.espn.com/v2/sports/football/leagues/college-football/season/{year}/athletes`. The index returns one \$ref per athlete; this wrapper dereferences each athlete resource and flattens it into a row. The site-v2 roster endpoint is deliberately **not** used: it returns only the team’s *current* roster and silently ignores a season query parameter, so it cannot deliver historical rosters. The core-v2 path used here is genuinely season-scoped.

Because each athlete is dereferenced individually, a full roster is roughly 150-220 HTTP requests; allow a few seconds per call.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`,

team_alternate_color, team_logo_href, and team_logo_dark_href, inserted immediately after team_id. A catalog failure degrades to NA rather than erroring the wrapper. Set team_detail = FALSE to skip the catalog fetch and the join.

When position_detail = TRUE (the default) the ESPN position catalog (`espn_cfb_positions()`) is fetched once and joined onto the position_id column, appending the five position_* detail columns (position_name, position_display_name, position_abbreviation, position_leaf, position_parent_id). A catalog failure degrades to NA rather than erroring the wrapper. Set position_detail = FALSE to skip the extra fetch and the join.

Value

A data frame with one row per athlete:

col_name	types	description
season	integer	Season (4-digit year).
team_id	character	ESPN team id.
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alternate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
athlete_id	character	ESPN athlete id.
first_name	character	Athlete first name.
last_name	character	Athlete last name.
full_name	character	Athlete full name.
display_name	character	Athlete display name.
jersey	character	Jersey number.
position	character	Position display name.
position_abbr	character	Position abbreviation.
height	numeric	Height in inches.
display_height	character	Human-readable height (e.g. 6' 1").
weight	numeric	Weight in pounds.
display_weight	character	Human-readable weight (e.g. 205 lbs).
experience	integer	Years of experience.
class	character	Class / experience label (e.g. Junior).
birth_city	character	Birth city.
birth_state	character	Birth state.
birth_country	character	Birth country.
status	character	Athlete status (e.g. Active).
active	logical	Whether the athlete is active.
headshot_href	character	URL of the athlete headshot image.
position_id	character	ESPN position id; position_detail = TRUE only.
position_name	character	Position name (e.g. Quarterback); position_detail = TRUE only.

position_display_name	character	Human-readable position name; position_detail = TRUE only.
position_abbreviation	character	Position abbreviation (e.g. QB); position_detail = TRUE only.
position_leaf	logical	TRUE for a most-specific (leaf) position; position_detail = TRUE only.
position_parent_id	character	ESPN id of the parent position; position_detail = TRUE only.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_team_roster(team_id = 61, year = 2024))
try(espn_cfb_team_roster(team_id = 61, year = 2024,
  position_detail = FALSE))
try(espn_cfb_team_roster(team_id = 61, year = 2024,
  team_detail = FALSE))
```

espn_cfb_team_schedule
ESPN College Football Team Schedule

Description

Get a single college football team’s full-season schedule – one row per game with opponent, venue, broadcast, score, and result.

Usage

```
espn_cfb_team_schedule(team_id = NULL, year = NULL, team_detail = TRUE)
```

Arguments

team_id	(<i>Integer</i> required): ESPN team id.
year	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 1999
team_detail	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to every team-id column (team_id, opponent_id) in the output (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN site-v2 team schedule endpoint `site.api.espn.com/apis/site/v2/sports/football/college-football`. Each row is one scheduled game from the requested team's perspective: the `opponent_*` columns describe the other team, and `team_score` / `opponent_score` / `team_winner` describe the outcome (scores are NA for games that have not been played). Team ids are ESPN team identifiers – enumerate them with `espn_cfb_teams()`.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined onto every team-id column the output carries – `team_id` and `opponent_id`. For each id column `X_id` the friendly siblings `X_name`, `X_abbreviation`, `X_location`, `X_display_name`, `X_short_display_name`, `X_nickname`, `X_color`, `X_alternate_color`, `X_logo_href`, and `X_logo_dark_href` are inserted immediately after it. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join.

Value

A data frame with one row per scheduled game:

col_name	types	description
season	integer	Season (4-digit year).
team_id	character	ESPN team id queried.
team_name	character	Team nickname; <code>team_detail = TRUE</code> only.
team_abbreviation	character	Team abbreviation; <code>team_detail = TRUE</code> only.
team_location	character	Team location / school name; <code>team_detail = TRUE</code> only.
team_display_name	character	Full team display name; <code>team_detail = TRUE</code> only.
team_short_display_name	character	Short team display name; <code>team_detail = TRUE</code> only.
team_nickname	character	Team nickname label; <code>team_detail = TRUE</code> only.
team_color	character	Primary team color; <code>team_detail = TRUE</code> only.
team_alternate_color	character	Alternate team color; <code>team_detail = TRUE</code> only.
team_logo_href	character	Default team logo URL; <code>team_detail = TRUE</code> only.
team_logo_dark_href	character	Dark-variant team logo URL; <code>team_detail = TRUE</code> only.
game_id	character	ESPN event id.
game_date	character	Kickoff date-time (ISO 8601, UTC).
game_name	character	Full event name.
game_short_name	character	Short event name (e.g. UTM @ UGA).
season_type	integer	ESPN season type (2 = regular, 3 = postseason).
week	integer	Week number.
home_away	character	Whether the queried team is home or away.
team_score	numeric	Points scored by the queried team.

team_winner	logical	Whether the queried team won.
opponent_id	character	ESPN team id of the opponent.
opponent_team_name	character	Opponent team nickname; team_detail = TRUE only.
opponent_team_abbreviation	character	Opponent team abbreviation; team_detail = TRUE only.
opponent_team_location	character	Opponent team location / school; team_detail = TRUE only.
opponent_team_display_name	character	Opponent team full display name; team_detail = TRUE only.
opponent_team_short_display_name	character	Opponent team short display name; team_detail = TRUE only.
opponent_team_nickname	character	Opponent team nickname label; team_detail = TRUE only.
opponent_team_color	character	Opponent team primary color; team_detail = TRUE only.
opponent_team_alterate_color	character	Opponent team alternate color; team_detail = TRUE only.
opponent_team_logo_href	character	Opponent team default logo URL; team_detail = TRUE only.
opponent_team_logo_dark_href	character	Opponent team dark logo URL; team_detail = TRUE only.
opponent_name	character	Opponent display name.
opponent_abbr	character	Opponent abbreviation.
opponent_score	numeric	Points scored by the opponent.
neutral_site	logical	Whether the game is at a neutral site.
venue_name	character	Venue name.
venue_city	character	Venue city.
venue_state	character	Venue state.
attendance	integer	Reported attendance.
broadcast	character	Broadcast network short name.
status	character	Game status detail (e.g. Final).
completed	logical	Whether the game is completed.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venue\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_team_schedule(team_id = 61, year = 2024))
try(espn_cfb_team_schedule(team_id = 61, year = 2024,
```

```
team_detail = FALSE))
```

espn_cfb_team_stats	Get ESPN college football team stats data
---------------------	--

Description

Get ESPN college football team stats data

Usage

```
espn_cfb_team_stats(team_id, year, season_type = "regular", total = FALSE)
```

Arguments

team_id	Team ID
year	Year Minimum value accepted: 2004
season_type	(character, default: regular): Season type - regular or postseason
total	(boolean, default: FALSE): Totals

Value

Returns a tibble with the following columns:

col_name	types
team_id	character
team_guid	character
team_uid	character
team_sdr	character
team_slug	character
team_location	character
team_name	character
team_nickname	character
team_abbreviation	character
team_display_name	character
team_short_display_name	character
team_color	character
team_alternate_color	character
is_active	logical
is_all_star	logical
logo_href	character
logo_dark_href	character
general_fumbles	numeric
general_fumbles_lost	numeric

general_fumbles_forced	numeric
general_fumbles_recovered	numeric
general_fumbles_touchdowns	numeric
general_games_played	numeric
general_offensive_two_pt_returns	numeric
general_offensive_fumbles_touchdowns	numeric
general_defensive_fumbles_touchdowns	numeric
passing_avg_gain	numeric
passing_completion_pct	numeric
passing_completions	numeric
passing_espnqb_rating	numeric
passing_interception_pct	numeric
passing_interceptions	numeric
passing_long_passing	numeric
passing_misc_yards	numeric
passing_net_passing_yards	numeric
passing_net_passing_yards_per_game	numeric
passing_net_total_yards	numeric
passing_net_yards_per_game	numeric
passing_passing_attempts	numeric
passing_passing_big_plays	numeric
passing_passing_first_downs	numeric
passing_passing_fumbles	numeric
passing_passing_fumbles_lost	numeric
passing_passing_touchdown_pct	numeric
passing_passing_touchdowns	numeric
passing_passing_yards	numeric
passing_passing_yards_after_catch	numeric
passing_passing_yards_at_catch	numeric
passing_passing_yards_per_game	numeric
passing_qb_rating	numeric
passing_sacks	numeric
passing_sack_yards_lost	numeric
passing_team_games_played	numeric
passing_total_offensive_plays	numeric
passing_total_points	numeric
passing_total_points_per_game	numeric
passing_total_touchdowns	numeric
passing_total_yards	numeric
passing_total_yards_from_scrimmage	numeric
passing_two_point_pass_convs	numeric
passing_two_pt_pass	numeric
passing_two_pt_pass_attempts	numeric
passing_yards_from_scrimmage_per_game	numeric
passing_yards_per_completion	numeric
passing_yards_per_game	numeric
passing_yards_per_pass_attempt	numeric
passing_net_yards_per_pass_attempt	numeric

passing_quarterback_rating	numeric
rushing_avg_gain	numeric
rushing_espnrb_rating	numeric
rushing_long_rushing	numeric
rushing_misc_yards	numeric
rushing_net_total_yards	numeric
rushing_net_yards_per_game	numeric
rushing_rushing_attempts	numeric
rushing_rushing_big_plays	numeric
rushing_rushing_first_downs	numeric
rushing_rushing_fumbles	numeric
rushing_rushing_fumbles_lost	numeric
rushing_rushing_touchdowns	numeric
rushing_rushing_yards	numeric
rushing_rushing_yards_per_game	numeric
rushing_stuffs	numeric
rushing_stuff_yards_lost	numeric
rushing_team_games_played	numeric
rushing_total_offensive_plays	numeric
rushing_total_points	numeric
rushing_total_points_per_game	numeric
rushing_total_touchdowns	numeric
rushing_total_yards	numeric
rushing_total_yards_from_scrimmage	numeric
rushing_two_point_rush_convs	numeric
rushing_two_pt_rush	numeric
rushing_two_pt_rush_attempts	numeric
rushing_yards_from_scrimmage_per_game	numeric
rushing_yards_per_game	numeric
rushing_yards_per_rush_attempt	numeric
receiving_avg_gain	numeric
receiving_espnwr_rating	numeric
receiving_long_reception	numeric
receiving_misc_yards	numeric
receiving_net_total_yards	numeric
receiving_net_yards_per_game	numeric
receiving_receiving_big_plays	numeric
receiving_receiving_first_downs	numeric
receiving_receiving_fumbles	numeric
receiving_receiving_fumbles_lost	numeric
receiving_receiving_targets	numeric
receiving_receiving_touchdowns	numeric
receiving_receiving_yards	numeric
receiving_receiving_yards_after_catch	numeric
receiving_receiving_yards_at_catch	numeric
receiving_receiving_yards_per_game	numeric
receiving_receptions	numeric
receiving_team_games_played	numeric

receiving_total_offensive_plays	numeric
receiving_total_points	numeric
receiving_total_points_per_game	numeric
receiving_total_touchdowns	numeric
receiving_total_yards	numeric
receiving_total_yards_from_scrimmage	numeric
receiving_two_point_rec_convs	numeric
receiving_two_pt_reception	numeric
receiving_two_pt_reception_attempts	numeric
receiving_yards_from_scrimmage_per_game	numeric
receiving_yards_per_game	numeric
receiving_yards_per_reception	numeric
defensive_assist_tackles	numeric
defensive_avg_interception_yards	numeric
defensive_avg_sack_yards	numeric
defensive_avg_stuff_yards	numeric
defensive_blocked_field_goal_touchdowns	numeric
defensive_blocked_punt_touchdowns	numeric
defensive_defensive_touchdowns	numeric
defensive_hurries	numeric
defensive_kicks_blocked	numeric
defensive_long_interception	numeric
defensive_misc_touchdowns	numeric
defensive_passes_batted_down	numeric
defensive_passes_defended	numeric
defensive_two_pt_returns	numeric
defensive_sacks	numeric
defensive_sack_yards	numeric
defensive_safeties	numeric
defensive_solo_tackles	numeric
defensive_stuffs	numeric
defensive_stuff_yards	numeric
defensive_tackles_for_loss	numeric
defensive_team_games_played	numeric
defensive_total_tackles	numeric
defensive_yards_allowed	numeric
defensive_points_allowed	numeric
defensive_one_pt_safeties_made	numeric
defensive_interceptions_interceptions	numeric
defensive_interceptions_interception_touchdowns	numeric
defensive_interceptions_interception_yards	numeric
kicking_avg_kickoff_return_yards	numeric
kicking_avg_kickoff_yards	numeric
kicking_extra_point_attempts	numeric
kicking_extra_point_pct	numeric
kicking_extra_points_blocked	numeric
kicking_extra_points_blocked_pct	numeric
kicking_extra_points_made	numeric

kicking_fair_catches	numeric
kicking_fair_catch_pct	numeric
kicking_field_goal_attempts	numeric
kicking_field_goal_attempts1_19	numeric
kicking_field_goal_attempts20_29	numeric
kicking_field_goal_attempts30_39	numeric
kicking_field_goal_attempts40_49	numeric
kicking_field_goal_attempts50_59	numeric
kicking_field_goal_attempts60_99	numeric
kicking_field_goal_attempts50	numeric
kicking_field_goal_attempt_yards	numeric
kicking_field_goal_pct	numeric
kicking_field_goals_blocked	numeric
kicking_field_goals_blocked_pct	numeric
kicking_field_goals_made	numeric
kicking_field_goals_made1_19	numeric
kicking_field_goals_made20_29	numeric
kicking_field_goals_made30_39	numeric
kicking_field_goals_made40_49	numeric
kicking_field_goals_made50_59	numeric
kicking_field_goals_made60_99	numeric
kicking_field_goals_made50	numeric
kicking_field_goals_made_yards	numeric
kicking_field_goals_missed_yards	numeric
kicking_kickoff_returns	numeric
kicking_kickoff_return_touchdowns	numeric
kicking_kickoff_return_yards	numeric
kicking_kickoffs	numeric
kicking_kickoff_yards	numeric
kicking_long_field_goal_attempt	numeric
kicking_long_field_goal_made	numeric
kicking_long_kickoff	numeric
kicking_team_games_played	numeric
kicking_total_kicking_points	numeric
kicking_touchback_pct	numeric
kicking_touchbacks	numeric
returning_def_fumble_returns	numeric
returning_def_fumble_return_yards	numeric
returning_fumble_recoveries	numeric
returning_fumble_recovery_yards	numeric
returning_kick_return_fair_catches	numeric
returning_kick_return_fair_catch_pct	numeric
returning_kick_return_fumbles	numeric
returning_kick_return_fumbles_lost	numeric
returning_kick_returns	numeric
returning_kick_return_touchdowns	numeric
returning_kick_return_yards	numeric
returning_long_kick_return	numeric

returning_long_punt_return	numeric
returning_misc_fumble_returns	numeric
returning_misc_fumble_return_yards	numeric
returning_opp_fumble_recoveries	numeric
returning_opp_fumble_recovery_yards	numeric
returning_opp_special_team_fumble_returns	numeric
returning_opp_special_team_fumble_return_yards	numeric
returning_punt_return_fair_catches	numeric
returning_punt_return_fair_catch_pct	numeric
returning_punt_return_fumbles	numeric
returning_punt_return_fumbles_lost	numeric
returning_punt_returns	numeric
returning_punt_returns_started_inside_the10	numeric
returning_punt_returns_started_inside_the20	numeric
returning_punt_return_touchdowns	numeric
returning_punt_return_yards	numeric
returning_special_team_fumble_returns	numeric
returning_special_team_fumble_return_yards	numeric
returning_team_games_played	numeric
returning_yards_per_kick_return	numeric
returning_yards_per_punt_return	numeric
returning_yards_per_return	numeric
punting_avg_punt_return_yards	numeric
punting_fair_catches	numeric
punting_gross_avg_punt_yards	numeric
punting_long_punt	numeric
punting_net_avg_punt_yards	numeric
punting_punt_returns	numeric
punting_punt_return_yards	numeric
punting_punts	numeric
punting_punts_blocked	numeric
punting_punts_blocked_pct	numeric
punting_punts_inside10	numeric
punting_punts_inside10pct	numeric
punting_punts_inside20	numeric
punting_punts_inside20pct	numeric
punting_punt_yards	numeric
punting_team_games_played	numeric
punting_touchback_pct	numeric
punting_touchbacks	numeric
scoring_defensive_points	numeric
scoring_field_goals	numeric
scoring_kick_extra_points	numeric
scoring_misc_points	numeric
scoring_passing_touchdowns	numeric
scoring_receiving_touchdowns	numeric
scoring_return_touchdowns	numeric
scoring_rushing_touchdowns	numeric

scoring_total_points	numeric
scoring_total_points_per_game	numeric
scoring_total_touchdowns	numeric
scoring_total_two_point_convs	numeric
scoring_two_point_pass_convs	numeric
scoring_two_point_rec_convs	numeric
scoring_two_point_rush_convs	numeric
scoring_one_pt_safeties_made	numeric
miscellaneous_first_downs	numeric
miscellaneous_first_downs_passing	numeric
miscellaneous_first_downs_penalty	numeric
miscellaneous_first_downs_per_game	numeric
miscellaneous_first_downs_rushing	numeric
miscellaneous_fourth_down_attempts	numeric
miscellaneous_fourth_down_conv_pct	numeric
miscellaneous_fourth_down_convs	numeric
miscellaneous_fumbles_lost	numeric
miscellaneous_possession_time_seconds	numeric
miscellaneous_redzone_efficiency_pct	numeric
miscellaneous_redzone_field_goal_pct	numeric
miscellaneous_redzone_scoring_pct	numeric
miscellaneous_redzone_touchdown_pct	numeric
miscellaneous_third_down_attempts	numeric
miscellaneous_third_down_conv_pct	numeric
miscellaneous_third_down_convs	numeric
miscellaneous_total_giveaways	numeric
miscellaneous_total_penalties	numeric
miscellaneous_total_penalty_yards	numeric
miscellaneous_total_takeaways	numeric
miscellaneous_total_drives	numeric
miscellaneous_turn_over_differential	numeric

Author(s)

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Examples

```
try(espn_cfb_team_stats(team_id = 52, year = 2020))
```

Description

Turn a `espn_cfb_game_drives()` result carrying a plays list-column (produced with `plays = "list"`) into the flat one-row-per-play table – every play in the full `espn_cfb_game_pbp()` schema with its drive-level columns carried alongside, prefixed `drive_`.

Usage

```
espn_cfb_unnest_plays(drives)
```

Arguments

`drives` (*data.frame* required): a data frame produced by `espn_cfb_game_drives(..., plays = "list")` – i.e. carrying a plays list-column of full-schema play tibbles.

Details

Pure transform – no HTTP. `espn_cfb_unnest_plays()` unnests the plays list-column appended by `espn_cfb_game_drives(..., plays = "list")` and carries every drive-level column alongside each play, prefixed `drive_` (e.g. `drive_id`, `drive_result`, `drive_yards`, `drive_start_yard_line`) so it never collides with the play's own columns. The result is identical in shape to `espn_cfb_game_drives(..., plays = "expand")` – the same flat table, one route via the plays argument, the other via this auxiliary function.

If `drives` does not carry a plays list-column the function aborts with a message telling the caller to run `espn_cfb_game_drives(..., plays = "list")` first.

Value

A data frame with one row per play:

col_name	types	description
<code>drive_game_id</code>	character	ESPN game identifier (drive-level column, <code>drive_</code> -prefixed).
<code>drive_id</code>	character	ESPN drive id the play belongs to (<code>drive_</code> -prefixed).
<code>drive_result</code>	character	Drive result code (<code>drive_</code> -prefixed; every drive-level column is carried with this prefix).
<code>game_id</code>	character	ESPN game identifier (play-level column).
<code>play_id</code>	character	ESPN play id.
...		Every remaining <code>espn_cfb_game_pbp()</code> play column, plus any optional participant columns present.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_lineup()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`.

espn_cfb_player_eventlog(), espn_cfb_player_gamelog(), espn_cfb_player_overview(),
espn_cfb_player_seasons(), espn_cfb_player_splits(), espn_cfb_player_stats_v3(), espn_cfb_players(),
espn_cfb_position(), espn_cfb_positions(), espn_cfb_powerindex(), espn_cfb_qbr(), espn_cfb_rankings(),
espn_cfb_recruits(), espn_cfb_season_info(), espn_cfb_season_types(), espn_cfb_season_weeks(),
espn_cfb_seasons(), espn_cfb_standings(), espn_cfb_team(), espn_cfb_team_ats(), espn_cfb_team_awards(),
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_venue(), espn_cfb_venues(), espn_cfb_week_rankings()

Examples

```
try(espn_cfb_unnest_plays(espn_cfb_game_drives(401628339,  
                                              plays = "list")))
```

espn_cfb_venue	ESPN College Football Venue Detail
----------------	------------------------------------

Description

Get the ESPN core-v2 detail record for a single college football venue – full name, address, playing-surface and indoor flags.

Usage

```
espn_cfb_venue(venue_id = NULL)
```

Arguments

venue_id (*Integer* required): ESPN venue id.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/venues`. `espn_cfb_venues()` returns the venue index; this wrapper returns the single-venue detail for one id. Returns a single-row tibble. Enumerate venue_ids with `espn_cfb_venues()`.

Value

A single-row data frame:

col_name	types	description
venue_id	character	ESPN venue id.
full_name	character	Venue full name (e.g. Tenney Stadium).
city	character	Venue city.
state	character	Venue state.
zip_code	character	Venue postal code.
country	character	Venue country.

grass	logical	TRUE if the playing surface is grass.
indoor	logical	TRUE if the venue is indoors.
venue_ref	character	\$ref URL to the venue resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#), [espn_cfb_team_coaches\(\)](#), [espn_cfb_team_events\(\)](#), [espn_cfb_team_leaders\(\)](#), [espn_cfb_team_powerindex\(\)](#), [espn_cfb_team_ranks\(\)](#), [espn_cfb_team_record\(\)](#), [espn_cfb_team_roster\(\)](#), [espn_cfb_team_schedule\(\)](#), [espn_cfb_teams\(\)](#), [espn_cfb_unnest_plays\(\)](#), [espn_cfb_venues\(\)](#), [espn_cfb_week_rankings\(\)](#)

Examples

```
try(espn_cfb_venue(venue_id = 3785))
```

espn_cfb_venues	ESPN College Football Venues Index
-----------------	------------------------------------

Description

Get the catalog of stadiums and venues ESPN tracks for college football, with location, capacity-related flags, and addresses.

Usage

```
espn_cfb_venues(max_results = 200)
```

Arguments

max_results (*Integer* default 200): Maximum number of venues to dereference and return.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/venues`. The index is \$ref-paginated and large (~911 venues). Dereferencing every venue is hundreds of HTTP calls, so this wrapper caps the walk at `max_results` venues (default 200) – raise it to pull more, or set it high enough to harvest the whole catalog in one (slow) call. Pages are walked in id order, so the same `max_results` always returns the same prefix of the catalog.

Value

A data frame with one row per venue:

col_name	types	description
venue_id	character	ESPN venue id.
full_name	character	Venue full name (e.g. Tenney Stadium).
city	character	Venue city.
state	character	Venue state.
zip_code	character	Venue postal code.
country	character	Venue country.
grass	logical	TRUE if the playing surface is grass.
indoor	logical	TRUE if the venue is indoors.
venue_ref	character	\$ref URL to the venue resource.

See Also

Other ESPN CFB Functions: `espn_cfb_award()`, `espn_cfb_awards()`, `espn_cfb_clear_cache()`, `espn_cfb_coach()`, `espn_cfb_coach_record()`, `espn_cfb_coaches()`, `espn_cfb_franchise()`, `espn_cfb_franchises()`, `espn_cfb_futures()`, `espn_cfb_game_broadcasts()`, `espn_cfb_game_drive_plays()`, `espn_cfb_game_drives()`, `espn_cfb_game_leaders()`, `espn_cfb_game_odds()`, `espn_cfb_game_pbp()`, `espn_cfb_game_play()`, `espn_cfb_game_player_box()`, `espn_cfb_game_player_statistics()`, `espn_cfb_game_powerindex()`, `espn_cfb_game_predictor()`, `espn_cfb_game_probabilities()`, `espn_cfb_game_situation()`, `espn_cfb_game_status()`, `espn_cfb_game_team_leaders()`, `espn_cfb_game_team_lineup()`, `espn_cfb_game_team_records()`, `espn_cfb_game_team_roster()`, `espn_cfb_game_team_statistics()`, `espn_cfb_game_teams()`, `espn_cfb_groups()`, `espn_cfb_pbp_v2()`, `espn_cfb_player()`, `espn_cfb_player_career_stats()`, `espn_cfb_player_eventlog()`, `espn_cfb_player_gamelog()`, `espn_cfb_player_overview()`, `espn_cfb_player_seasons()`, `espn_cfb_player_splits()`, `espn_cfb_player_stats_v3()`, `espn_cfb_players()`, `espn_cfb_position()`, `espn_cfb_positions()`, `espn_cfb_powerindex()`, `espn_cfb_qbr()`, `espn_cfb_rankings()`, `espn_cfb_recruits()`, `espn_cfb_season_info()`, `espn_cfb_season_types()`, `espn_cfb_season_weeks()`, `espn_cfb_seasons()`, `espn_cfb_standings()`, `espn_cfb_team()`, `espn_cfb_team_ats()`, `espn_cfb_team_awards()`, `espn_cfb_team_coaches()`, `espn_cfb_team_events()`, `espn_cfb_team_leaders()`, `espn_cfb_team_powerindex()`, `espn_cfb_team_ranks()`, `espn_cfb_team_record()`, `espn_cfb_team_roster()`, `espn_cfb_team_schedule()`, `espn_cfb_teams()`, `espn_cfb_unnest_plays()`, `espn_cfb_venue()`, `espn_cfb_week_rankings()`

Examples

```
try(espn_cfb_venues(max_results = 50))
```

espn_cfb_week_rankings
ESPN College Football Weekly Rankings

Description

Get the ranked teams from every poll ESPN published in a single week of a college football season – the AP Top 25, the Coaches Poll, the CFP committee rankings, and the computer polls, with each team’s rank, points, and first-place votes.

Usage

```
espn_cfb_week_rankings(  
  year = NULL,  
  week = NULL,  
  season_type = 2,  
  team_detail = TRUE  
)
```

Arguments

year	(<i>Integer</i> required): Season, 4 digit format (YYYY). Minimum value accepted: 2002
week	(<i>Integer</i> required): Week number within the season type.
season_type	(<i>Integer</i> default 2): ESPN season type id. 2 = regular season, 3 = postseason.
team_detail	(<i>Logical</i>): when TRUE (default), fetch the ESPN team catalog once and join friendly team fields next to the team_id column (see <i>Details</i>). Set FALSE to skip the catalog fetch and the join.

Details

Wraps the ESPN core-v2 endpoint `sports.core.api.espn.com/v2/sports/football/leagues/college-football/season/`. The week index returns one \$ref per poll; this wrapper dereferences each poll and returns one row per (poll x ranked team). Both the top-25 ranked teams (`rank_type = "ranked"`) and the receiving-votes teams ESPN lists below the cutoff (`rank_type = "others"`) are included.

When `team_detail = TRUE` (the default) the ESPN team catalog (`espn_cfb_teams()`) is fetched once and friendly team fields are joined in next to the `team_id` column – `team_name`, `team_abbreviation`, `team_location`, `team_display_name`, `team_short_display_name`, `team_nickname`, `team_color`, `team_alternate_color`, `team_logo_href`, and `team_logo_dark_href`, inserted immediately after `team_id`. A catalog failure degrades to NA rather than erroring the wrapper. Set `team_detail = FALSE` to skip the catalog fetch and the join; teams are then returned as ESPN team ids only.

Value

A data frame with one row per poll-team:

col_name	types	description
season	integer	Season (4-digit year).
season_type	integer	ESPN season type id queried.
week	integer	Week number queried.
ranking_id	character	ESPN poll id.
ranking_name	character	Poll name (e.g. AP Top 25).
ranking_type	character	Poll type code (e.g. ap, coaches, cfp).
occurrence	character	Poll occurrence label (e.g. Week 8, Preseason).
rank_type	character	ranked for ranked teams, others for receiving-votes teams.
current_rank	integer	Current rank (0 for receiving-votes teams).
previous_rank	integer	Rank in the previous poll (0 if unranked).
points	numeric	Poll points awarded to the team.
first_place_votes	integer	Number of first-place votes received.
trend	character	Movement vs the previous poll (e.g. -, +3).
record_summary	character	Team record at the time of the poll (e.g. 7-1).
team_id	character	ESPN team id (parsed from team_ref).
team_name	character	Team nickname; team_detail = TRUE only.
team_abbreviation	character	Team abbreviation; team_detail = TRUE only.
team_location	character	Team location / school name; team_detail = TRUE only.
team_display_name	character	Full team display name; team_detail = TRUE only.
team_short_display_name	character	Short team display name; team_detail = TRUE only.
team_nickname	character	Team nickname label; team_detail = TRUE only.
team_color	character	Primary team color; team_detail = TRUE only.
team_alterate_color	character	Alternate team color; team_detail = TRUE only.
team_logo_href	character	Default team logo URL; team_detail = TRUE only.
team_logo_dark_href	character	Dark-variant team logo URL; team_detail = TRUE only.
team_ref	character	\$ref URL to the per-season team resource.

See Also

Other ESPN CFB Functions: [espn_cfb_award\(\)](#), [espn_cfb_awards\(\)](#), [espn_cfb_clear_cache\(\)](#), [espn_cfb_coach\(\)](#), [espn_cfb_coach_record\(\)](#), [espn_cfb_coaches\(\)](#), [espn_cfb_franchise\(\)](#), [espn_cfb_franchises\(\)](#), [espn_cfb_futures\(\)](#), [espn_cfb_game_broadcasts\(\)](#), [espn_cfb_game_drive_plays\(\)](#), [espn_cfb_game_drives\(\)](#), [espn_cfb_game_leaders\(\)](#), [espn_cfb_game_odds\(\)](#), [espn_cfb_game_pbp\(\)](#), [espn_cfb_game_play\(\)](#), [espn_cfb_game_player_box\(\)](#), [espn_cfb_game_player_statistics\(\)](#), [espn_cfb_game_powerindex\(\)](#), [espn_cfb_game_predictor\(\)](#), [espn_cfb_game_probabilities\(\)](#), [espn_cfb_game_situation\(\)](#), [espn_cfb_game_status\(\)](#), [espn_cfb_game_team_leaders\(\)](#), [espn_cfb_game_team_lineup\(\)](#), [espn_cfb_game_team_records\(\)](#), [espn_cfb_game_team_roster\(\)](#), [espn_cfb_game_team_statistics\(\)](#), [espn_cfb_game_teams\(\)](#), [espn_cfb_groups\(\)](#), [espn_cfb_pbp_v2\(\)](#), [espn_cfb_player\(\)](#), [espn_cfb_player_career_stats\(\)](#), [espn_cfb_player_eventlog\(\)](#), [espn_cfb_player_gamelog\(\)](#), [espn_cfb_player_overview\(\)](#), [espn_cfb_player_seasons\(\)](#), [espn_cfb_player_splits\(\)](#), [espn_cfb_player_stats_v3\(\)](#), [espn_cfb_players\(\)](#), [espn_cfb_position\(\)](#), [espn_cfb_positions\(\)](#), [espn_cfb_powerindex\(\)](#), [espn_cfb_qbr\(\)](#), [espn_cfb_rankings\(\)](#), [espn_cfb_recruits\(\)](#), [espn_cfb_season_info\(\)](#), [espn_cfb_season_types\(\)](#), [espn_cfb_season_weeks\(\)](#), [espn_cfb_seasons\(\)](#), [espn_cfb_standings\(\)](#), [espn_cfb_team\(\)](#), [espn_cfb_team_ats\(\)](#), [espn_cfb_team_awards\(\)](#),

```
espn_cfb_team_coaches(), espn_cfb_team_events(), espn_cfb_team_leaders(), espn_cfb_team_powerindex(),
espn_cfb_team_ranks(), espn_cfb_team_record(), espn_cfb_team_roster(), espn_cfb_team_schedule(),
espn_cfb_teams(), espn_cfb_unnest_plays(), espn_cfb_venue(), espn_cfb_venues()
```

Examples

```
try(espn_cfb_week_rankings(year = 2024, week = 8))
try(espn_cfb_week_rankings(year = 2024, week = 8, team_detail = FALSE))
```

espn_metrics	ESPN Metrics
--------------	--------------

Description

ESPN Metrics

Get win probability chart data from ESPN Graciously contributed by MrCaseB:

Usage

```
espn_metrics_wp(game_id)
```

Arguments

game_id (Integer required): Game ID filter for querying a single game Can be found using the [cfbd_game_info\(\)](#) function

Value

- [espn_metrics_wp\(\)](#) - A data frame with 5 variables:
- game_id: character. Referencing game ID (should be same as game_id from other functions).
 - play_id: character. Referencing play ID.
 - seconds_left: integer. DEPRECATED. Seconds left in the game.
 - home_win_percentage: double. The probability of the home team winning the game.
 - away_win_percentage: double. The probability of the away team winning the game (calculated as 1 - home_win_percentage - tie_percentage).
 - tie_percentage: double. The probability of the game ending the final period in a tie.

Examples

```
try(espn_metrics_wp(game_id = 401628369))
```

espn_ratings_fpi	ESPN FPI Ratings
------------------	-------------------------

Description

Get FPI historical rating data (most recent of each year)

Usage

```
espn_ratings_fpi(year = 2019)
```

Arguments

year	Year
	Minimum value accepted: 2004

Details

Adapted from sabinanalytic's fork of the cfbfastR repo

Value

A data frame with 20 variables:

- year: integer. Season of the Football Power Index (FPI) Rating.
- team_id: integer. Unique ESPN team ID - team_id.
- team_name: character. Team Name.
- team_abbreviation: character. Team abbreviation.
- fpi: character. Football Power Index (FPI) Rating.
- fpi_rk: character. Football Power Index (FPI) Rank.
- trend: character. Football Power Index (FPI) ranking trend.
- projected_wins: character. Projected Win total for the season.
- projected_losses: character. Projected Loss total for the season.
- win_out_pct: double. Probability the team wins out.
- win_6_pct: double. Probability the team wins at least six games.
- win_division_pct: double. Probability the team wins at their division.
- playoff_pct: double. Probability the team reaches the playoff.
- nc_game_pct: double. Probability the team reaches the national championship game.
- nc_win_pct: double. Probability the team wins the national championship game.
- win_conference_pct: double. Probability the team wins their conference game.
- w: integer. Wins on the season.
- l: integer. Losses on the season.
- t: character. Ties on the season.

Examples

```
try(espn_ratings_fpi(year=2019))
```

fox_cfb_boxscore

Get Fox Sports college football boxscore

Description

Flattens the per-team stat tables embedded in Bifrost event/{id}/data (boxscore) into one tidy, long player-stat tibble.

Usage

```
fox_cfb_boxscore(game_id)
```

Arguments

game_id (character/numeric, required): Fox Bifrost event id (e.g. "41616").

Value

A cfbfastR-tagged tibble with one row per (player, stat):

- game_id: character.: Fox event id echoed back.
- team: character.: Team name (boxscore section title).
- stat_group: character.: Stat category ("PASSING", "RUSHING", ...).
- player: character.: Player name (or "TOTALS").
- athlete_id: character.: Fox athlete id (from the player's contentUri).
- stat: character.: Stat column name (e.g. "yds", "td").
- value: character.: Stat value as displayed.

Examples

```
try(fox_cfb_boxscore(game_id = "41616"))
```

`fox_cfb_league_leaders`**Get Fox Sports college football statistical leaders**

Description

Flattens a Bifrost league/stats-con/{who}/{category}/{page} leaderboard table.

Usage

```
fox_cfb_league_leaders(  
  category = "passing",  
  who = "player",  
  page = 0,  
  group_id = "2"  
)
```

Arguments

category	(character): Stat category. One of passing, rushing, receiving, defense, kicking, returning, scoring, yardage (team adds downs, turnovers). Defaults to "passing".
who	(character): "player" or "team". Defaults to "player".
page	(integer): 0-based page index. Defaults to 0.
group_id	(character): Conference/group filter id. Defaults to "2" (FBS).

Value

A cfbfastR-tagged tibble with one row per player/team; columns are the leaderboard headers plus entity_id.

Examples

```
try(fox_cfb_league_leaders(category = "passing"))
```

`fox_cfb_odds`**Get Fox Sports college football game odds**

Description

Flattens the Bifrost event/{id}/odds matchup six-pack (spread / to win / total).

Usage

```
fox_cfb_odds(game_id)
```

Arguments

game_id (character/numeric, required): Fox Bifrost event id (e.g. "41616").

Value

A cfbfastR-tagged tibble with one row per team:

- game_id: character.: Fox event id echoed back.
- team: character.: Team full name.
- spread: character.: Point spread.
- to_win: character.: Moneyline ("to win").
- total: character.: Over/under total.

Returns an empty tibble when no market is posted for the game.

Examples

```
try(fox_cfb_odds(game_id = "41616"))
```

fox_cfb_pbp

Get Fox Sports college football play-by-play

Description

Flattens the Bifrost event/{id}/data play-by-play layout (quarters -> drives -> plays) into one tidy play-level tibble.

Usage

```
fox_cfb_pbp(game_id)
```

Arguments

game_id (character/numeric, required): Fox Bifrost event id (e.g. "41616"). This is the Fox event id, not the ESPN game id.

Value

A cfbfastR-tagged tibble with one row per play:

- game_id: character.: Fox event id echoed back.
- quarter: character.: Period title (e.g. "1ST QUARTER", "OVERTIME").
- drive_id: character.: Drive identifier within the game.
- drive_result: character.: Drive outcome (e.g. "TOUCHDOWN", "PUNT").
- drive_summary: character.: Drive summary ("4 plays, 65 yards, 1:21").

- `drive_team`: character.: Team on offense for the drive.
- `play_id`: character.: Play identifier.
- `period`: character.: Period of the play ("1ST", "OT").
- `clock`: character.: Game clock at the play ("15:00").
- `field_position`: character.: Field-position label ("KENT 35").
- `play_text`: character.: Full play description.
- `play_team`: character.: Team credited with the play.

Examples

```
try(fox_cfb_pbp(game_id = "41616"))
```

fox_cfb_standings

Get Fox Sports college football conference standings

Description

Flattens the Bifrost `team/{id}/standings` conference table (the standings of the given team's conference). Note: the league-wide `league/standings` endpoint returns header-only tables, so this is keyed by team.

Usage

```
fox_cfb_standings(team_id)
```

Arguments

`team_id` (character/numeric, required): Fox Bifrost team id (e.g. "11").

Value

A `cfbfastR`-tagged tibble with one row per team in the conference; columns are the standings headers (`rank`, `team`, `conf`, `w_l`, `home`, `away`, `pf`, `pa`, ...) plus `team_id`, `section` (conference), and `entity_id` (Fox team id). Column set varies with the standings template.

Examples

```
try(fox_cfb_standings(team_id = "11"))
```

fox_cfb_team_gamelog Get Fox Sports college football team game log

Description

Flattens the Bifrost team/{id}/gamelog into one tidy, long row per (game, stat-category, stat). The endpoint groups team per-game stats by category (passing, rushing, defense, ...) and season-type split.

Usage

```
fox_cfb_team_gamelog(team_id)
```

Arguments

team_id (character/numeric, required): Fox Bifrost team id (e.g. "11").

Value

A cfbfastR-tagged tibble with one row per (game, stat):

- team_id: character.: Fox team id echoed back.
- season_type: character.: Split label ("REGULAR SEASON", "POSTSEASON").
- category: character.: Stat category ("passing", "rushing", "defense", ...).
- game_id: character.: Fox event id for the game.
- game_date: character.: Game date (M/D).
- opponent: character.: Opponent abbreviation ("@PITT").
- stat: character.: Stat column name (deduped; e.g. "yds", "yds_2").
- value: character.: Stat value as displayed.

Examples

```
try(fox_cfb_team_gamelog(team_id = "11"))
```

fox_cfb_team_roster	Get Fox Sports college football team roster
---------------------	--

Description

Flattens the Bifrost team/{id}/roster position-group tables into one tidy player-level tibble.

Usage

```
fox_cfb_team_roster(team_id)
```

Arguments

`team_id` (character/numeric, required): Fox Bifrost team id (e.g. "11" for Miami (FL)). Discover ids via the league team directory (league/teamnav).

Value

A cfbfastR-tagged tibble with one row per player:

- `team_id`: character.: Fox team id echoed back.
- `position_group`: character.: Roster group ("OFFENSE", "DEFENSE", "SPECIAL TEAMS").
- `player`: character.: Player name.
- `pos`: character.: Position abbreviation.
- `cls`: character.: Class (FR/SO/JR/SR).
- `ht`: character.: Listed height.
- `wt`: character.: Listed weight.
- `athlete_id`: character.: Fox athlete id (from the player's contentUri).

Examples

```
try(fox_cfb_team_roster(team_id = "11"))
```

fox_cfb_team_stats

Get Fox Sports college football team stat leaders**Description**

Flattens the Bifrost team/{id}/stats leaders sections.

Usage

```
fox_cfb_team_stats(team_id)
```

Arguments

team_id (character/numeric, required): Fox Bifrost team id (e.g. "11").

Value

A cfbfastR-tagged tibble with one row per (category, leader):

- team_id: character.: Fox team id echoed back.
- category: character.: Leader section title.
- stat: character.: Stat name (e.g. "Passing Yards").
- stat_abbreviation: character.: Stat abbreviation (e.g. "PYDS").
- player: character.: Leading player name.
- value: character.: Stat value as displayed.

Examples

```
try(fox_cfb_team_stats(team_id = "11"))
```

load_cfb_fpi_weekly

Load college football weekly ESPN FPI ratings from the Sports-Dataverse data repo**Description**

Loads weekly ESPN FPI snapshots – one row per team-week with FPI and its components as published that week. Published to the cfb_fpi_weekly release tag on the sportsdataverse-data repo.

Usage

```
load_cfb_fpi_weekly(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons A vector of 4-digit years associated with given college football seasons. Published coverage runs 2005 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2005)

... Additional arguments passed to an underlying function that writes the season data into a database.

dbConnection A DBIConnection object, as returned by `DBI::dbConnect()`

tablename The name of the data table within the database

Value

Returns a `cfbfastR_data` tibble.

col_name	types	description
season	integer	
season_type	integer	
week	integer	
team_id	integer	
last_updated	character	
run_date_time_key	integer	ESPN's run key for the snapshot, as an integer timestamp (e.g. 20241021040000)
snapshot_out_of_sequence	logical	True when this snapshot was computed AFTER one belonging to a later week of
fpi	double	Football Power Index that measures team's true strength on net points scale; exp
fpirank	double	ESPN's FPI rank field. Agrees with rank on 99.4% of rows; on the ~0.6% where
projectedw	double	Projected overall W-L, accounting for results to date and FPI-based projections f
projectedl	double	Projected overall Losses, accounting for results to date and FPI-based projection
projectedt	character	Projected ties. Always null – college football abolished ties in 1996, and ESPN e
projectedwpctrank	double	Rank among FBS teams by projected win percentage. ESPN publishes the rank v
probwinout	double	Percent of season simulations in which team won all remaining scheduled games
probwinconf	double	Percent of season simulations in which team won its conference, incorporating c
sosremainingrank	double	Rank among all FBS teams of remaining schedule strength, from perspective of a
accomplishment	double	Reflects chance that an average Top 25 team would have team's record or better,
accomplishmentrank	double	Strength of Record rank. Reflects chance that an average Top 25 team would hav
adjwins	double	Team's Wins adjusted for chance an average FBS team would have team's recor
adjlosses	double	Team's Losses adjusted for chance an average FBS team would have team's reco
adjwinpctrank	double	Rank among FBS teams by adjusted win percentage. ESPN publishes the rank w
gamecontrol	double	Reflects chance that an average Top 25 team would control games from start to e
gamecontrolrank	double	Game Control rank. Reflects chance that an average Top 25 team would control g
adjavgingamewp	double	Team's average in-game win probability adjusted for chance that an average FBS

adjavggamewprank	double	Rank among FBS teams by adjavggamewpr (average in-game win probability a
avggamewpr	double	Team's average in-game win probability across all plays of all games played, not
avggamewprank	double	Team's average in-game win probability rank adjusted for chance that an average
avgsosrank	double	Rank among all FBS teams of games already played schedule strength, from per
topsosrank	double	Rank among all FBS teams of games already played schedule strength, from per
epaoffense	double	Offensive component of FPI. Offensive contribution to expected point margin vs
epadefense	double	Defensive component of FPI. Defensive contribution to expected point margin vs
epaspecialteams	double	Special teams component of FPI. Special teams contribution to expected point m
probwindiv	double	Percent of season simulations in which team won its conference division, for tho
probmakeplayoffs	double	Chance to make the CFB Playoff, according to the Playoff Predictor.
probmaketitlegame	double	Chance to make the CFB Playoff National Championship game, according to the
numwins	double	Actual wins to date at the time of the snapshot. Distinct from projectedw (full-se
numlosses	double	Actual losses to date at the time of the snapshot. Distinct from projectedl (full-se
numties	double	Actual ties to date. Never nonzero – college football abolished ties in 1996; the c
probwintitle	double	Chance to win the CFB Playoff National Championship, according to the Playof
rankchange7days	double	FPI Rank change from previous week.
prob6wins	double	Percent of season simulations in which a team won at least 6 games (typically bo
rank	double	FPI rank among FBS teams for this snapshot (1 = best). Prefer this over fpirank:
offefficiency	double	Offensive efficiency on 0-100 scale; based on offense's contribution to scoring m
offefficiencyrank	double	Team's offensive efficiency rank among all FBS teams.
defefficiency	double	Defensive efficiency on 0-100 scale; based on defense's contribution to scoring m
defefficiencyrank	double	Team's defensive efficiency rank among all FBS teams.
stefficiency	double	Special teams efficiency on 0-100 scale; based on special teams' contribution to
stefficiencyrank	double	Team's special teams efficiency rank among all FBS teams.
totefficiency	double	Net efficiency on 0-100 scale; incorporates offense, defense and special teams ef
totefficiencyrank	double	Team's overall efficiency rank among all FBS teams.
snapshot_is_contemporaneous	logical	True when the snapshot was computed inside its own season's window (August c

Author(s)

Saiem Gilani

Examples

```
try(load_cfb_fpi_weekly(2005))
```

load_cfb_pbp

Load cleaned play-by-play from the data repo

Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

This is the classic cfbfastR EPA/WPA play-by-play (FBS, 2014+). For the ESPN-derived pbp with deeper history (2004+) see [load_espn_cfb_pbp\(\)](#); for stats.ncaa.org pbp covering FCS and lower divisions (2013+) see [load_ncaa_mfb_pbp\(\)](#).

Usage

```
load_cfb_pbp(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given College Football seasons.
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_cfb_db())
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the play by play data table within the database

Value

Returns a tibble with play-by-play data

Source

CFB Play-by-Play Data releases can be found here: https://github.com/sportsdataverse/sportsdataverse-data/releases/tag/cfbfastR_cfb_pbp

See Also

Issues with this data should be filed here: <https://github.com/sportsdataverse/cfbfastR-data>
[update_cfb_db\(\)](#)

Other loaders: [load_cfb_rosters\(\)](#), [load_cfb_schedules\(\)](#), [load_cfb_teams\(\)](#), [update_cfb_db\(\)](#)

load_cfb_ratings	Load college football season power ratings from the SportsData-verse data repo
------------------	---

Description

Loads season-end team power ratings from the cfbfastR modeling suite – one row per team with overall/offense/defense/special-teams ratings on the points scale. Published to the cfb_ratings release tag on the sportsdataverse-data repo.

Usage

```
load_cfb_ratings(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
season	integer	
team_id	integer	
adj_off_epa	double	Opponent-adjusted offensive EPA per play: the team’s raw per-game EPA on pass and rush plays net
adj_def_epa	double	Opponent-adjusted EPA per play allowed, netted the same way as the offensive rating, so lower is bet
adj_st_epa	double	Special-teams composite in EPA units: per-play mean EPA on field goals, punts, and kick returns, eac
adj_net	double	adj_off_epa minus adj_def_epa, the team’s overall efficiency rating in EPA per play; special teams is
fei_off	double	Drive-level offensive rating from a ridge fit on per-drive EPA, the Fremneau-style drive-efficiency coun
fei_def	double	Drive-level defensive rating from the same per-drive ridge fit, on the same scale as fei_off.
fei_net	double	fei_off minus fei_def, the team’s overall drive-efficiency rating, with the ridge’s dropped reference tea
games	integer	
off_pace	double	Tempo measure: scrimmage plays (pass plus rush) per game, centering near 65 and used as the pace i
off_rank	integer	Dense rank of adj_off_epa in descending order, so rank 1 is the season’s most efficient offense.
def_rank	integer	Dense rank of adj_def_epa in ascending order, so rank 1 is the season’s stingiest defense.
net_rank	integer	Dense rank of adj_net in descending order, so rank 1 is the season’s strongest overall team.
net_z	double	adj_net restated as a z-score against the mean and standard deviation of adj_net across the rated team

Author(s)

Saiem Gilani

Examples

```
try(load_cfb_ratings(2004))
```

load_cfb_ratings_weekly	Load college football weekly power ratings from the SportsData-verse data repo
-------------------------	---

Description

Loads weekly team power ratings – one row per team-week, the as-of- week snapshots behind the season-end ratings. Published to the cfb_ratings_weekly release tag on the sportsdataverse-data repo.

Usage

```
load_cfb_ratings_weekly(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by <code>DBI::dbConnect()</code>
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
season	integer	
team_id	integer	
adj_off_epa	double	Opponent-adjusted offensive EPA per play as of the snapshot week: raw per-game EPA on pass and
adj_def_epa	double	Opponent-adjusted EPA per play allowed as of the snapshot week, netted the same way as the offer
adj_st_epa	double	Special-teams composite in EPA units as of the snapshot week, summing the league-centered per-p
adj_net	double	adj_off_epa minus adj_def_epa at the snapshot week, the team's overall efficiency rating in EPA pe
fei_off	double	Drive-level offensive rating at the snapshot week, from a ridge fit on per-drive EPA.
fei_def	double	Drive-level defensive rating at the snapshot week, from the same per-drive ridge fit and on the same
fei_net	double	fei_off minus fei_def at the snapshot week, the team's overall drive-efficiency rating.
games	integer	
off_pace	double	Scrimmage plays per game through the snapshot week, the tempo input consumed by the totals mo

off_rank	integer	Dense rank of adj_off_epa in descending order within the snapshot week, so rank 1 is the most efficient
def_rank	integer	Dense rank of adj_def_epa in ascending order within the snapshot week, so rank 1 is the stingiest defense
net_rank	integer	Dense rank of adj_net in descending order within the snapshot week, so rank 1 is the strongest overall
net_z	double	adj_net restated as a z-score against the mean and standard deviation of adj_net across the teams ranked
through_week	integer	Regular-season week the snapshot runs through; the ratings were refit using only games kicking off

Author(s)

Saiem Gilani

Examples

```
try(load_cfb_ratings_weekly(2004))
```

load_cfb_recruiting_proj

Load college football recruiting projections from the SportsData-verse data repo

Description

Loads recruiting-based team projections – one row per team-season with talent-derived projection inputs. Published to the cfb_recruiting_proj release tag on the sportsdataverse-data repo.

Usage

```
load_cfb_recruiting_proj(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2016 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2016)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
season	integer	
team_id	integer	
pred_wins	double	Ridge projection of the team’s season win total, fit strictly on prior seasons from talent composite, b
pred_margin	double	Ridge projection of the team’s average per-game scoring margin, from the same preseason-known fo
pred_net_epa	double	Reserved slot for a projected adjusted net EPA; it ships all-null because the adjusted-EPA training ta

Author(s)

Saiem Gilani

Examples

```
try(load_cfb_recruiting_proj(2016))
```

load_cfb_recruits	Load college football recruiting rankings from the SportsData-verse data repo
-------------------	--

Description

Loads player recruiting rankings – one row per recruit-season with stars, rating, position, and school commitment. Published to the cfb_recruits release tag on the sportsdataverse-data repo.

Usage

```
load_cfb_recruits(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2002 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2002)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
season	integer	
team_id	integer	
team_id_247	character	
team	character	
recruit_id	character	
player_name	character	
stars	integer	
grade	double	
position	character	

Author(s)

Saiem Gilani

Examples

```
try(load_cfb_recruits(2002))
```

load_cfb_returning_production

Load college football returning production from the SportsData-verse data repo

Description

Loads returning production shares – one row per team-season with the share of prior-season production returning, overall and by unit. Published to the cfb_returning_production release tag on the sportsdataverse-data repo.

Usage

```
load_cfb_returning_production(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2005 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2005)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
season	integer	
team_id	integer	
off_returning	double	
def_returning	double	
overall_returning	double	
n_returning	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_cfb_returning_production(2005))
```

load_cfb_rosters	<i>Load College Football Rosters</i>
------------------	--------------------------------------

Description

Loads team rosters for specified seasons. This function wraps the cfb_team_roster() function sourced from the College Football Data API.

Usage

```
load_cfb_rosters(seasons = most_recent_cfb_season())
```

Arguments

seasons	a numeric vector of seasons to return, defaults to returning this year's data if it is September or later. If set to TRUE, will return all available data.
---------	--

Value

A tibble of season-level roster data.

See Also

[cfbd_team_roster\(\)](#)

Issues with this data should be filed here: <https://github.com/sportsdataverse/cfbfastR-data>

Other loaders: [load_cfb_pbp\(\)](#), [load_cfb_schedules\(\)](#), [load_cfb_teams\(\)](#), [update_cfb_db\(\)](#)

Examples

```
try(load_cfb_rosters(2024))
```

load_cfb_rosters_crosswalk

Load college football roster id crosswalk from the SportsDataverse data repo

Description

Loads the roster-level id crosswalk linking CFBD athlete ids to ESPN athlete ids across seasons. Single cumulative file (not season- partitioned). Published to the cfb_crosswalk release tag on the sportsdataverse-data repo.

Usage

```
load_cfb_rosters_crosswalk(..., dbConnection = NULL, tablename = NULL)
```

Arguments

- ...

Additional arguments passed to an underlying function that writes the season data into a database.
- dbConnection

A DBIConnection object, as returned by [DBI::dbConnect\(\)](#)
- tablename

The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
espn_team_id	integer	
fox_team_id	character	
person_key	character	
espn_athlete_id	integer	

fox_athlete_id	character
yahoo_athlete_id	character
name	character
espn_jersey	character
fox_jersey	character
espn_position	character
fox_position	character
yahoo_position	character
match_method	character
matched_sources	character

Author(s)

Saiem Gilani

Examples

```
try(load_cfb_rosters_crosswalk())
```

load_cfb_schedules	<i>Load CFB Game/Schedule Data from data repo</i>
--------------------	---

Description

This function returns game/schedule information for the specified season(s). This function wraps the `cfbd_game_info()` function sourced from the College Football Data API.

Usage

```
load_cfb_schedules(seasons = most_recent_cfb_season())
```

Arguments

`seasons` a numeric vector of seasons to return, default TRUE returns all available data.

Value

A tibble of game information for past and/or future games.

See Also

[cfbd_game_info\(\)](#)

Issues with this data should be filed here: <https://github.com/sportsdataverse/cfbfastR-data>

Other loaders: [load_cfb_pbp\(\)](#), [load_cfb_rosters\(\)](#), [load_cfb_teams\(\)](#), [update_cfb_db\(\)](#)

Examples

```
try(load_cfb_schedules(2024))
```

load_cfb_schedule_crosswalk	Load college football schedule id crosswalk from the SportsData-verse data repo
-----------------------------	--

Description

Loads the game-level id crosswalk linking CFBD game ids to ESPN event ids – one row per game-season. Published to the cfb_crosswalk release tag on the sportsdataverse-data repo.

Usage

```
load_cfb_schedule_crosswalk(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2014 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2014)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
matchup_key	character	Order-independent key for the game: the two normalized team names sorted alphabetically
espn_game_id	integer	ESPN game id for the crosswalk row.
fox_game_id	character	Fox Sports game id for the same game.
yahoo_game_id	character	Yahoo Sports game id for the same game.
yahoo_global_game_id	character	Yahoo’s cross-season global game key in ncaaf.g.NNNN form, distinct from the date-en
home_team	character	
away_team	character	

espn_date	character	Kickoff date as YYYY-MM-DD taken from ESPN's schedule, null on games that match
fox_date	character	Kickoff date as YYYY-MM-DD taken from the Fox Sports schedule, null on games that
yahoo_date	character	Kickoff date as YYYY-MM-DD, parsed from Yahoo's RFC-2822 start_time string.
matched_sources	character	Plus-joined provenance tag naming which of espn, fox, and yahoo actually supplied a ro

Author(s)

Saiem Gilani

Examples

```
try(load_cfb_schedule_crosswalk(2014))
```

load_cfb_teams	<i>Load CFB team info from the data repo</i>
----------------	--

Description

Loads team information including colors and logos - useful for plots! This function wraps the cfbteam_info() function sourced from the College Football Data API.

Usage

```
load_cfb_teams(fbs_only = TRUE)
```

Arguments

fbs_only if TRUE, returns only FBS teams, otherwise returns all teams in the dataset

Value

A tibble of team-level image URLs and hex color codes.

See Also

[cfbteam_info\(\)](#)

Issues with this data should be filed here: <https://github.com/sportsdataverse/cfbfastR-data>

Other loaders: [load_cfb_pbp\(\)](#), [load_cfb_rosters\(\)](#), [load_cfb_schedules\(\)](#), [update_cfb_db\(\)](#)

Examples

```
try(load_cfb_teams())
```

load_cfb_teams_crosswalk	Load college football team id crosswalk from the SportsDataverse data repo
--------------------------	---

Description

Loads the team-level id crosswalk linking CFBD team ids to ESPN team ids – one row per team-season. Published to the cfb_crosswalk release tag on the sportsdataverse-data repo.

Usage

```
load_cfb_teams_crosswalk(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2014 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2014)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
norm_key	character	Shared join key across providers: the team name lowercased, ASCII-folded, stripped of punctuation
espn_team_id	integer	ESPN team id for the crosswalk row.
espn_team	character	ESPN's full team display name, school plus mascot, null when the row was anchored on a non-ESPN team
espn_abbreviation	character	ESPN's short team code, which frequently differs from the ESPN abbreviation for the school
fox_team_id	character	Fox Sports team id for the same team.
fox_team	character	Fox Sports' team name, which that feed ships in all capitals.
fox_abbreviation	character	Fox Sports' short team code, which frequently differs from the ESPN abbreviation for the school
yahoo_team_id	character	Yahoo Sports team id for the same team.
yahoo_team	character	Yahoo Sports' team display name, school plus mascot.
yahoo_abbreviation	character	Yahoo Sports' short team code for the school.
matched_sources	character	Plus-joined provenance tag naming which of espn, fox, and yahoo contributed a directory row

Author(s)

Saiem Gilani

Examples

```
try(load_cfb_teams_crosswalk(2014))
```

```
load_cfb_team_summaries_weekly
```

Load college football weekly team summaries from the Sports-Dataverse data repo

Description

Loads weekly team summaries – one row per team-week with cumulative- to-date EPA and success-rate profiles. Published to the cfb_team_summaries_weekly release tag on the sportsdataverse-data repo.

Usage

```
load_cfb_team_summaries_weekly(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
team_id	integer	
pos_team	character	
division	character	

conference	character	
season	integer	
plays_off	integer	Plays run, with the team on offense.
passrate_off	double	Share of plays that were pass plays, with the team on offense.
rushrate_off	double	Share of plays that were rush plays, with the team on offense.
havoc_off	double	Havoc rate – the share of plays carrying the defensive-disruption flag, with the team on offense.
explosive_off	double	Explosive-play rate – the share of plays carrying the explosive flag, with the team on offense.
TEPA_off	double	Total EPA summed over every play, with the team on offense.
EPAsplay_off	double	EPA per play, with the team on offense.
yards_off	integer	Total yards gained, with the team on offense.
yardsplay_off	double	Yards gained per play, with the team on offense.
play_stuffed_off	double	Stuffed-play rate – the share of plays carrying the stuffed flag, with the team on offense.
success_off	double	Success rate – the share of plays flagged as successful by EPA, with the team on offense.
red_zone_success_off	double	Success rate on red-zone plays, with the team on offense.
third_down_success_off	double	Success rate on third-down plays, with the team on offense.
third_down_distance_off	double	Average yards to go on third down, with the team on offense.
late_down_success_off	double	Success rate on late-down plays, with the team on offense.
early_down_EPA_off	double	EPA per early-down play, with the team on offense.
start_position_off	double	Average drive start position, measured in yards from the opponent goal line, with the team on offense.
nonExplosiveEpaPerPlay_off	double	EPA per play with explosive plays excluded, with the team on offense.
line_yards_off	double	Average line yards credited to the offensive line on rushes, with the team on offense.
opportunity_rate_off	double	Opportunity rate – the share of rushes carrying the opportunity flag, with the team on offense.
playsgame_off	double	Plays run per game, with the team on offense.
EPAdrive_off	double	EPA per drive (total EPA divided by drives), with the team on offense.
EPAsgame_off	double	EPA per game (total EPA divided by games), with the team on offense.
yardsgame_off	double	Yards gained per game, with the team on offense.
drives_off	integer	Offensive drives, with the team on offense.
drivesgame_off	double	Drives per game, with the team on offense.
yardsdrive_off	double	Yards gained per drive, with the team on offense.
playsdrive_off	double	Plays run per drive, with the team on offense.
playsgame_off_rank	double	National rank of the team's plays run per game with the team on offense.
TEPA_off_rank	double	National rank of the team's total EPA summed over every play with the team on offense.
EPAsgame_off_rank	double	National rank of the team's EPA per game (total EPA divided by games) with the team on offense.
EPAsplay_off_rank	double	National rank of the team's EPA per play with the team on offense, with the team on offense.
EPAdrive_off_rank	double	National rank of the team's EPA per drive (total EPA divided by drives) with the team on offense.
early_down_EPA_off_rank	double	National rank of the team's EPA per early-down play with the team on offense.
success_off_rank	double	National rank of the team's success rate – the share of plays flagged as successful by EPA, with the team on offense.
yards_off_rank	double	National rank of the team's total yards gained with the team on offense.
yardsplay_off_rank	double	National rank of the team's yards gained per play with the team on offense.
yardsgame_off_rank	double	National rank of the team's yards gained per game with the team on offense.
drivesgame_off_rank	double	National rank of the team's drives per game with the team on offense.
yardsdrive_off_rank	double	National rank of the team's yards gained per drive with the team on offense.
playsdrive_off_rank	double	National rank of the team's plays run per drive with the team on offense.
play_stuffed_off_rank	double	National rank of the team's stuffed-play rate – the share of plays carrying the stuffed flag, with the team on offense.
red_zone_success_off_rank	double	National rank of the team's success rate on red-zone plays with the team on offense.
third_down_success_off_rank	double	National rank of the team's success rate on third-down plays with the team on offense.
late_down_success_off_rank	double	National rank of the team's success rate on late-down plays with the team on offense.
third_down_distance_off_rank	double	National rank of the team's average yards to go on third down with the team on offense.

start_position_off_rank	double	National rank of the team's average drive start position, measured in yards from the opponent goal line.
havoc_off_rank	double	National rank of the team's havoc rate – the share of plays carrying the defensive-disruption flag, with the team on defense (i.e. allowed to opponents).
explosive_off_rank	double	National rank of the team's explosive-play rate – the share of plays carrying the explosive flag, with the team on defense (i.e. allowed to opponents).
passrate_off_rank	double	National rank of the team's share of plays that were pass plays with the team on defense (i.e. allowed to opponents).
rushrate_off_rank	double	National rank of the team's share of plays that were rush plays with the team on defense (i.e. allowed to opponents).
nonExplosiveEpaPerPlay_off_rank	double	National rank of the team's EPA per play with explosive plays excluded, with the team on defense (i.e. allowed to opponents).
line_yards_off_rank	double	National rank of the team's average line yards credited to the offensive line on rushes, with the team on defense (i.e. allowed to opponents).
opportunity_rate_off_rank	double	National rank of the team's opportunity rate – the share of rushes carrying the opportunity flag, with the team on defense (i.e. allowed to opponents).
plays_def	integer	Plays run, with the team on defense (i.e. allowed to opponents).
passrate_def	double	Share of plays that were pass plays, with the team on defense (i.e. allowed to opponents).
rushrate_def	double	Share of plays that were rush plays, with the team on defense (i.e. allowed to opponents).
havoc_def	double	Havoc rate – the share of plays carrying the defensive-disruption flag, with the team on defense (i.e. allowed to opponents).
explosive_def	double	Explosive-play rate – the share of plays carrying the explosive flag, with the team on defense (i.e. allowed to opponents).
TEPA_def	double	Total EPA summed over every play, with the team on defense (i.e. allowed to opponents).
EPAsplay_def	double	EPA per play, with the team on defense (i.e. allowed to opponents).
yards_def	integer	Total yards gained, with the team on defense (i.e. allowed to opponents).
yardsplay_def	double	Yards gained per play, with the team on defense (i.e. allowed to opponents).
play_stuffed_def	double	Stuffed-play rate – the share of plays carrying the stuffed flag, with the team on defense (i.e. allowed to opponents).
success_def	double	Success rate – the share of plays flagged as successful by EPA, with the team on defense (i.e. allowed to opponents).
red_zone_success_def	double	Success rate on red-zone plays, with the team on defense (i.e. allowed to opponents).
third_down_success_def	double	Success rate on third-down plays, with the team on defense (i.e. allowed to opponents).
third_down_distance_def	double	Average yards to go on third down, with the team on defense (i.e. allowed to opponents).
late_down_success_def	double	Success rate on late-down plays, with the team on defense (i.e. allowed to opponents).
early_down_EPA_def	double	EPA per early-down play, with the team on defense (i.e. allowed to opponents).
start_position_def	double	Average drive start position, measured in yards from the opponent goal line.
nonExplosiveEpaPerPlay_def	double	EPA per play with explosive plays excluded, with the team on defense (i.e. allowed to opponents).
line_yards_def	double	Average line yards credited to the offensive line on rushes, with the team on defense (i.e. allowed to opponents).
opportunity_rate_def	double	Opportunity rate – the share of rushes carrying the opportunity flag, with the team on defense (i.e. allowed to opponents).
playsgame_def	double	Plays run per game, with the team on defense (i.e. allowed to opponents).
EPAdrive_def	double	EPA per drive (total EPA divided by drives), with the team on defense (i.e. allowed to opponents).
EPAsgame_def	double	EPA per game (total EPA divided by games), with the team on defense (i.e. allowed to opponents).
yardsgame_def	double	Yards gained per game, with the team on defense (i.e. allowed to opponents).
drives_def	integer	Offensive drives, with the team on defense (i.e. allowed to opponents).
drivesgame_def	double	Drives per game, with the team on defense (i.e. allowed to opponents).
yardsdrive_def	double	Yards gained per drive, with the team on defense (i.e. allowed to opponents).
playsdrive_def	double	Plays run per drive, with the team on defense (i.e. allowed to opponents).
playsgame_def_rank	double	National rank of the team's plays run per game with the team on defense (i.e. allowed to opponents).
TEPA_def_rank	double	National rank of the team's total EPA summed over every play with the team on defense (i.e. allowed to opponents).
EPAsgame_def_rank	double	National rank of the team's EPA per game (total EPA divided by games) with the team on defense (i.e. allowed to opponents).
EPAsplay_def_rank	double	National rank of the team's EPA per play with the team on defense (i.e. allowed to opponents).
EPAdrive_def_rank	double	National rank of the team's EPA per drive (total EPA divided by drives) with the team on defense (i.e. allowed to opponents).
early_down_EPA_def_rank	double	National rank of the team's EPA per early-down play with the team on defense (i.e. allowed to opponents).
success_def_rank	double	National rank of the team's success rate – the share of plays flagged as successful by EPA, with the team on defense (i.e. allowed to opponents).
yards_def_rank	double	National rank of the team's total yards gained with the team on defense (i.e. allowed to opponents).
yardsplay_def_rank	double	National rank of the team's yards gained per play with the team on defense (i.e. allowed to opponents).
yardsgame_def_rank	double	National rank of the team's yards gained per game with the team on defense (i.e. allowed to opponents).
drivesgame_def_rank	double	National rank of the team's drives per game with the team on defense (i.e. allowed to opponents).
yardsdrive_def_rank	double	National rank of the team's yards gained per drive with the team on defense (i.e. allowed to opponents).

playsdrive_def_rank	double	National rank of the team's plays run per drive with the team on defense.
play_stuffed_def_rank	double	National rank of the team's stuffed-play rate – the share of plays carrying the defensive-disruption flag on defense.
red_zone_success_def_rank	double	National rank of the team's success rate on red-zone plays with the team on defense.
third_down_success_def_rank	double	National rank of the team's success rate on third-down plays with the team on defense.
late_down_success_def_rank	double	National rank of the team's success rate on late-down plays with the team on defense.
third_down_distance_def_rank	double	National rank of the team's average yards to go on third down with the team on defense.
start_position_def_rank	double	National rank of the team's average drive start position, measured in yards from the line of scrimmage.
havoc_def_rank	double	National rank of the team's havoc rate – the share of plays carrying the defensive-disruption flag on defense.
explosive_def_rank	double	National rank of the team's explosive-play rate – the share of plays carrying the explosive flag on defense.
passrate_def_rank	double	National rank of the team's share of plays that were pass plays with the team on defense.
rushrate_def_rank	double	National rank of the team's share of plays that were rush plays with the team on defense.
nonExplosiveEpaPerPlay_def_rank	double	National rank of the team's EPA per play with explosive plays excluded on defense.
line_yards_def_rank	double	National rank of the team's average line yards credited to the offense on defense.
opportunity_rate_def_rank	double	National rank of the team's opportunity rate – the share of rushes carrying the defensive-disruption flag on defense.
TEPA_margin	double	Margin in total EPA summed over every play: the team's offensive value minus the value it allowed.
EPAplay_margin	double	Margin in EPA per play: the team's offensive value minus the value it allowed.
EPAdrive_margin	double	Margin in EPA per drive (total EPA divided by drives): the team's offensive value minus the value it allowed.
EPAgame_margin	double	Margin in EPA per game (total EPA divided by games): the team's offensive value minus the value it allowed.
success_margin	double	Margin in success rate – the share of plays flagged as successful by EPA minus the share of plays flagged as successful by the defense.
yardsplay_margin	double	Margin in yards gained per play: the team's offensive value minus the value it allowed.
TEPA_margin_rank	double	Margin in total EPA summed over every play: the team's offensive value minus the value it allowed.
EPAplay_margin_rank	double	Margin in EPA per play: the team's offensive value minus the value it allowed.
EPAdrive_margin_rank	double	Margin in EPA per drive (total EPA divided by drives): the team's offensive value minus the value it allowed.
EPAgame_margin_rank	double	Margin in EPA per game (total EPA divided by games): the team's offensive value minus the value it allowed.
success_margin_rank	double	Margin in success rate – the share of plays flagged as successful by EPA minus the share of plays flagged as successful by the defense.
yardsplay_margin_rank	double	Margin in yards gained per play: the team's offensive value minus the value it allowed.
start_position_margin	double	Field-position margin: the team's own average starting field position minus the average starting field position of the defense.
start_position_margin_rank	double	Field-position margin: the team's own average starting field position minus the average starting field position of the defense.
total_available_yards_off	double	Available yards are the yards a drive could theoretically gain, summed across all drives.
total_gained_yards_off	integer	Total yards the team actually gained across its own drives.
available_yards_pct_off	double	Share of available yards the team's offense actually gained (total_gained_yards_off / total_available_yards_off).
available_yards_pct_off_rank	double	National rank of the team's offensive available-yards share, where 1 is largest share.
total_available_yards_def	double	Available yards are the yards a drive could theoretically gain, summed across all drives.
total_gained_yards_def	integer	Total yards the team allowed across the drives it defended.
available_yards_pct_def	double	Share of available yards the team's defense allowed opponents to gain (total_gained_yards_def / total_available_yards_def).
available_yards_pct_def_rank	double	National rank of the team's defensive available-yards share, where 1 is largest share.
total_available_yards_margin	double	Available yards on the team's own drives minus available yards on drives it defended.
total_gained_yards_margin	integer	Yards the team gained minus yards it allowed.
available_yards_pct_margin	double	Available-yards share gained by the offense minus the share allowed by the defense.
total_available_yards_margin_rank	double	National rank of total_available_yards_margin, 1 = largest margin.
total_gained_yards_margin_rank	double	National rank of total_gained_yards_margin, 1 = largest margin.
available_yards_pct_margin_rank	double	National rank of available_yards_pct_margin, 1 = largest margin.
plays_off_pass	integer	Plays run on pass plays, with the team on offense.
passrate_off_pass	double	Share of plays that were pass plays on pass plays, with the team on offense.
rushrate_off_pass	double	Share of plays that were rush plays on pass plays, with the team on offense.
havoc_off_pass	double	Havoc rate – the share of plays carrying the defensive-disruption flag on offense.
explosive_off_pass	double	Explosive-play rate – the share of plays carrying the explosive flag on offense.
TEPA_off_pass	double	Total EPA summed over every play on pass plays, with the team on offense.

EPAplay_off_pass	double	EPA per play on pass plays, with the team on offense.
yards_off_pass	integer	Total yards gained on pass plays, with the team on offense.
yardsplay_off_pass	double	Yards gained per play on pass plays, with the team on offense.
play_stuffed_off_pass	double	Stuffed-play rate – the share of plays carrying the stuffed flag on pass plays, with the team on offense.
success_off_pass	double	Success rate – the share of plays flagged as successful by EPA on pass plays, with the team on offense.
red_zone_success_off_pass	double	Success rate on red-zone plays on pass plays, with the team on offense.
third_down_success_off_pass	double	Success rate on third-down plays on pass plays, with the team on offense.
third_down_distance_off_pass	double	Average yards to go on third down on pass plays, with the team on offense.
late_down_success_off_pass	double	Success rate on late-down plays on pass plays, with the team on offense.
early_down_EPA_off_pass	double	EPA per early-down play on pass plays, with the team on offense.
nonExplosiveEpaPerPlay_off_pass	double	EPA per play with explosive plays excluded on pass plays, with the team on offense.
line_yards_off_pass	double	Average line yards credited to the offensive line on rushes on pass plays, with the team on offense.
opportunity_rate_off_pass	double	Opportunity rate – the share of rushes carrying the opportunity flag on pass plays, with the team on offense.
playsgame_off_pass	double	Plays run per game on pass plays, with the team on offense.
EPAdrive_off_pass	double	EPA per drive (total EPA divided by drives) on pass plays, with the team on offense.
EPAgame_off_pass	double	EPA per game (total EPA divided by games) on pass plays, with the team on offense.
yardsgame_off_pass	double	Yards gained per game on pass plays, with the team on offense.
drives_off_pass	integer	Offensive drives on pass plays, with the team on offense.
drivesgame_off_pass	double	Drives per game on pass plays, with the team on offense.
yardsdrive_off_pass	double	Yards gained per drive on pass plays, with the team on offense.
playsdrive_off_pass	double	Plays run per drive on pass plays, with the team on offense.
playsgame_off_pass_rank	double	National rank of the team's plays run per game on pass plays with the team on offense.
TEPA_off_pass_rank	double	National rank of the team's total EPA summed over every play on pass plays with the team on offense.
EPAgame_off_pass_rank	double	National rank of the team's EPA per game (total EPA divided by games) on pass plays with the team on offense.
EPAplay_off_pass_rank	double	National rank of the team's EPA per play on pass plays with the team on offense.
EPAdrive_off_pass_rank	double	National rank of the team's EPA per drive (total EPA divided by drives) on pass plays with the team on offense.
early_down_EPA_off_pass_rank	double	National rank of the team's EPA per early-down play on pass plays with the team on offense.
success_off_pass_rank	double	National rank of the team's success rate – the share of plays flagged as successful by EPA on pass plays with the team on offense.
yards_off_pass_rank	double	National rank of the team's total yards gained on pass plays with the team on offense.
yardsplay_off_pass_rank	double	National rank of the team's yards gained per play on pass plays with the team on offense.
yardsgame_off_pass_rank	double	National rank of the team's yards gained per game on pass plays with the team on offense.
drivesgame_off_pass_rank	double	National rank of the team's drives per game on pass plays with the team on offense.
yardsdrive_off_pass_rank	double	National rank of the team's yards gained per drive on pass plays with the team on offense.
playsdrive_off_pass_rank	double	National rank of the team's plays run per drive on pass plays with the team on offense.
play_stuffed_off_pass_rank	double	National rank of the team's stuffed-play rate – the share of plays carrying the stuffed flag on pass plays with the team on offense.
red_zone_success_off_pass_rank	double	National rank of the team's success rate on red-zone plays on pass plays with the team on offense.
third_down_success_off_pass_rank	double	National rank of the team's success rate on third-down plays on pass plays with the team on offense.
late_down_success_off_pass_rank	double	National rank of the team's success rate on late-down plays on pass plays with the team on offense.
third_down_distance_off_pass_rank	double	National rank of the team's average yards to go on third down on pass plays with the team on offense.
havoc_off_pass_rank	double	National rank of the team's havoc rate – the share of plays carrying the havoc flag on pass plays with the team on offense.
explosive_off_pass_rank	double	National rank of the team's explosive-play rate – the share of plays carrying the explosive flag on pass plays with the team on offense.
passrate_off_pass_rank	double	National rank of the team's share of plays that were pass plays on pass plays with the team on offense.
rushrate_off_pass_rank	double	National rank of the team's share of plays that were rush plays on pass plays with the team on offense.
nonExplosiveEpaPerPlay_off_pass_rank	double	National rank of the team's EPA per play with explosive plays excluded on pass plays with the team on offense.
line_yards_off_pass_rank	double	National rank of the team's average line yards credited to the offensive line on rushes on pass plays with the team on offense.
opportunity_rate_off_pass_rank	double	National rank of the team's opportunity rate – the share of rushes carrying the opportunity flag on pass plays with the team on offense.
plays_def_pass	integer	Plays run on pass plays, with the team on defense (i.e. allowed to oppose the offense).
passrate_def_pass	double	Share of plays that were pass plays on pass plays, with the team on defense (i.e. allowed to oppose the offense).

rushrate_def_pass	double	Share of plays that were rush plays on pass plays, with the team on defense
havoc_def_pass	double	Havoc rate – the share of plays carrying the defensive-disruption flag on pass plays
explosive_def_pass	double	Explosive-play rate – the share of plays carrying the explosive flag on pass plays
TEPA_def_pass	double	Total EPA summed over every play on pass plays, with the team on defense
EPAsplay_def_pass	double	EPA per play on pass plays, with the team on defense (i.e. allowed to be negative)
yards_def_pass	integer	Total yards gained on pass plays, with the team on defense (i.e. allowed to be negative)
yardsplay_def_pass	double	Yards gained per play on pass plays, with the team on defense (i.e. allowed to be negative)
play_stuffed_def_pass	double	Stuffed-play rate – the share of plays carrying the stuffed flag on pass plays
success_def_pass	double	Success rate – the share of plays flagged as successful by EPA on pass plays
red_zone_success_def_pass	double	Success rate on red-zone plays on pass plays, with the team on defense
third_down_success_def_pass	double	Success rate on third-down plays on pass plays, with the team on defense
third_down_distance_def_pass	double	Average yards to go on third down on pass plays, with the team on defense
late_down_success_def_pass	double	Success rate on late-down plays on pass plays, with the team on defense
early_down_EPA_def_pass	double	EPA per early-down play on pass plays, with the team on defense (i.e. allowed to be negative)
nonExplosiveEpaPerPlay_def_pass	double	EPA per play with explosive plays excluded on pass plays, with the team on defense
line_yards_def_pass	double	Average line yards credited to the offensive line on rushes on pass plays
opportunity_rate_def_pass	double	Opportunity rate – the share of rushes carrying the opportunity flag on pass plays
playsgame_def_pass	double	Plays run per game on pass plays, with the team on defense (i.e. allowed to be negative)
EPAdrive_def_pass	double	EPA per drive (total EPA divided by drives) on pass plays, with the team on defense
EPAsgame_def_pass	double	EPA per game (total EPA divided by games) on pass plays, with the team on defense
yardsgame_def_pass	double	Yards gained per game on pass plays, with the team on defense (i.e. allowed to be negative)
drives_def_pass	integer	Offensive drives on pass plays, with the team on defense (i.e. allowed to be negative)
drivesgame_def_pass	double	Drives per game on pass plays, with the team on defense (i.e. allowed to be negative)
yardsdrive_def_pass	double	Yards gained per drive on pass plays, with the team on defense (i.e. allowed to be negative)
playsdrive_def_pass	double	Plays run per drive on pass plays, with the team on defense (i.e. allowed to be negative)
playsgame_def_pass_rank	double	National rank of the team's plays run per game on pass plays with the team on defense
TEPA_def_pass_rank	double	National rank of the team's total EPA summed over every play on pass plays with the team on defense
EPAsgame_def_pass_rank	double	National rank of the team's EPA per game (total EPA divided by games) on pass plays with the team on defense
EPAsplay_def_pass_rank	double	National rank of the team's EPA per play on pass plays with the team on defense
EPAdrive_def_pass_rank	double	National rank of the team's EPA per drive (total EPA divided by drives) on pass plays with the team on defense
early_down_EPA_def_pass_rank	double	National rank of the team's EPA per early-down play on pass plays with the team on defense
success_def_pass_rank	double	National rank of the team's success rate – the share of plays flagged as successful by EPA on pass plays
yards_def_pass_rank	double	National rank of the team's total yards gained on pass plays with the team on defense
yardsplay_def_pass_rank	double	National rank of the team's yards gained per play on pass plays with the team on defense
yardsgame_def_pass_rank	double	National rank of the team's yards gained per game on pass plays with the team on defense
drivesgame_def_pass_rank	double	National rank of the team's drives per game on pass plays with the team on defense
yardsdrive_def_pass_rank	double	National rank of the team's yards gained per drive on pass plays with the team on defense
playsdrive_def_pass_rank	double	National rank of the team's plays run per drive on pass plays with the team on defense
play_stuffed_def_pass_rank	double	National rank of the team's stuffed-play rate – the share of plays carrying the stuffed flag on pass plays
red_zone_success_def_pass_rank	double	National rank of the team's success rate on red-zone plays on pass plays with the team on defense
third_down_success_def_pass_rank	double	National rank of the team's success rate on third-down plays on pass plays with the team on defense
late_down_success_def_pass_rank	double	National rank of the team's success rate on late-down plays on pass plays with the team on defense
third_down_distance_def_pass_rank	double	National rank of the team's average yards to go on third down on pass plays with the team on defense
havoc_def_pass_rank	double	National rank of the team's havoc rate – the share of plays carrying the defensive-disruption flag on pass plays
explosive_def_pass_rank	double	National rank of the team's explosive-play rate – the share of plays carrying the explosive flag on pass plays
passrate_def_pass_rank	double	National rank of the team's share of plays that were pass plays on pass plays
rushrate_def_pass_rank	double	National rank of the team's share of plays that were rush plays on pass plays
nonExplosiveEpaPerPlay_def_pass_rank	double	National rank of the team's EPA per play with explosive plays excluded on pass plays with the team on defense

line_yards_def_pass_rank	double	National rank of the team's average line yards credited to the offensive line on pass plays, with the team on offense.
opportunity_rate_def_pass_rank	double	National rank of the team's opportunity rate – the share of rushes carrying the opportunity flag on pass plays, with the team on offense.
TEPA_margin_pass	double	Margin in total EPA summed over every play on pass plays: the team's offensive value minus the defense's value.
EPAsplay_margin_pass	double	Margin in EPA per play on pass plays: the team's offensive value minus the defense's value.
EPAdrive_margin_pass	double	Margin in EPA per drive (total EPA divided by drives) on pass plays: the team's offensive value minus the defense's value.
EPAsgame_margin_pass	double	Margin in EPA per game (total EPA divided by games) on pass plays: the team's offensive value minus the defense's value.
success_margin_pass	double	Margin in success rate – the share of plays flagged as successful by EPA on pass plays, with the team on offense.
yardsplay_margin_pass	double	Margin in yards gained per play on pass plays: the team's offensive value minus the defense's value.
TEPA_margin_pass_rank	double	National rank of the team's total EPA summed over every play on pass plays: the team's offensive value minus the defense's value.
EPAsplay_margin_pass_rank	double	National rank of the team's EPA per play on pass plays: the team's offensive value minus the defense's value.
EPAdrive_margin_pass_rank	double	National rank of the team's EPA per drive (total EPA divided by drives) on pass plays: the team's offensive value minus the defense's value.
EPAsgame_margin_pass_rank	double	National rank of the team's EPA per game (total EPA divided by games) on pass plays: the team's offensive value minus the defense's value.
success_margin_pass_rank	double	National rank of the team's success rate – the share of plays flagged as successful by EPA on pass plays, with the team on offense.
yardsplay_margin_pass_rank	double	National rank of the team's margin in yards gained per play on pass plays: the team's offensive value minus the defense's value.
plays_off_rush	integer	Plays run on rush plays, with the team on offense.
passrate_off_rush	double	Share of plays that were pass plays on rush plays, with the team on offense.
rushrate_off_rush	double	Share of plays that were rush plays on rush plays, with the team on offense.
havoc_off_rush	double	Havoc rate – the share of plays carrying the defensive-disruption flag on rush plays, with the team on offense.
explosive_off_rush	double	Explosive-play rate – the share of plays carrying the explosive flag on rush plays, with the team on offense.
TEPA_off_rush	double	Total EPA summed over every play on rush plays, with the team on offense.
EPAsplay_off_rush	double	EPA per play on rush plays, with the team on offense.
yards_off_rush	integer	Total yards gained on rush plays, with the team on offense.
yardsplay_off_rush	double	Yards gained per play on rush plays, with the team on offense.
play_stuffed_off_rush	double	Stuffed-play rate – the share of plays carrying the stuffed flag on rush plays, with the team on offense.
success_off_rush	double	Success rate – the share of plays flagged as successful by EPA on rush plays, with the team on offense.
red_zone_success_off_rush	double	Success rate on red-zone plays on rush plays, with the team on offense.
third_down_success_off_rush	double	Success rate on third-down plays on rush plays, with the team on offense.
third_down_distance_off_rush	double	Average yards to go on third down on rush plays, with the team on offense.
late_down_success_off_rush	double	Success rate on late-down plays on rush plays, with the team on offense.
early_down_EPA_off_rush	double	EPA per early-down play on rush plays, with the team on offense.
nonExplosiveEpaPerPlay_off_rush	double	EPA per play with explosive plays excluded on rush plays, with the team on offense.
line_yards_off_rush	double	Average line yards credited to the offensive line on rushes on rush plays, with the team on offense.
opportunity_rate_off_rush	double	Opportunity rate – the share of rushes carrying the opportunity flag on rush plays, with the team on offense.
playsgame_off_rush	double	Plays run per game on rush plays, with the team on offense.
EPAdrive_off_rush	double	EPA per drive (total EPA divided by drives) on rush plays, with the team on offense.
EPAsgame_off_rush	double	EPA per game (total EPA divided by games) on rush plays, with the team on offense.
yardsgame_off_rush	double	Yards gained per game on rush plays, with the team on offense.
drives_off_rush	integer	Offensive drives on rush plays, with the team on offense.
drivesgame_off_rush	double	Drives per game on rush plays, with the team on offense.
yardsdrive_off_rush	double	Yards gained per drive on rush plays, with the team on offense.
playsdrive_off_rush	double	Plays run per drive on rush plays, with the team on offense.
playsgame_off_rush_rank	double	National rank of the team's plays run per game on rush plays with the team on offense.
TEPA_off_rush_rank	double	National rank of the team's total EPA summed over every play on rush plays: the team's offensive value minus the defense's value.
EPAsgame_off_rush_rank	double	National rank of the team's EPA per game (total EPA divided by games) on rush plays: the team's offensive value minus the defense's value.
EPAsplay_off_rush_rank	double	National rank of the team's EPA per play on rush plays with the team on offense.
EPAdrive_off_rush_rank	double	National rank of the team's EPA per drive (total EPA divided by drives) on rush plays: the team's offensive value minus the defense's value.
early_down_EPA_off_rush_rank	double	National rank of the team's EPA per early-down play on rush plays with the team on offense.
success_off_rush_rank	double	National rank of the team's success rate – the share of plays flagged as successful by EPA on rush plays, with the team on offense.

yards_off_rush_rank	double	National rank of the team's total yards gained on rush plays with the team on offense (i.e. allowed to oppose the defense)
yardsplay_off_rush_rank	double	National rank of the team's yards gained per play on rush plays with the team on offense (i.e. allowed to oppose the defense)
yardsgame_off_rush_rank	double	National rank of the team's yards gained per game on rush plays with the team on offense (i.e. allowed to oppose the defense)
drivesgame_off_rush_rank	double	National rank of the team's drives per game on rush plays with the team on offense (i.e. allowed to oppose the defense)
yardsdrive_off_rush_rank	double	National rank of the team's yards gained per drive on rush plays with the team on offense (i.e. allowed to oppose the defense)
playsdrive_off_rush_rank	double	National rank of the team's plays run per drive on rush plays with the team on offense (i.e. allowed to oppose the defense)
play_stuffed_off_rush_rank	double	National rank of the team's stuffed-play rate – the share of plays carrying the stuffed flag on rush plays with the team on offense (i.e. allowed to oppose the defense)
red_zone_success_off_rush_rank	double	National rank of the team's success rate on red-zone plays on rush plays with the team on offense (i.e. allowed to oppose the defense)
third_down_success_off_rush_rank	double	National rank of the team's success rate on third-down plays on rush plays with the team on offense (i.e. allowed to oppose the defense)
late_down_success_off_rush_rank	double	National rank of the team's success rate on late-down plays on rush plays with the team on offense (i.e. allowed to oppose the defense)
third_down_distance_off_rush_rank	double	National rank of the team's average yards to go on third down on rush plays with the team on offense (i.e. allowed to oppose the defense)
havoc_off_rush_rank	double	National rank of the team's havoc rate – the share of plays carrying the defensive-disruption flag on rush plays with the team on offense (i.e. allowed to oppose the defense)
explosive_off_rush_rank	double	National rank of the team's explosive-play rate – the share of plays carrying the explosive flag on rush plays with the team on offense (i.e. allowed to oppose the defense)
passrate_off_rush_rank	double	National rank of the team's share of plays that were pass plays on rush plays with the team on offense (i.e. allowed to oppose the defense)
rushrate_off_rush_rank	double	National rank of the team's share of plays that were rush plays on rush plays with the team on offense (i.e. allowed to oppose the defense)
nonExplosiveEpaPerPlay_off_rush_rank	double	National rank of the team's EPA per play with explosive plays excluded on rush plays with the team on offense (i.e. allowed to oppose the defense)
line_yards_off_rush_rank	double	National rank of the team's average line yards credited to the offensive line on rushes on rush plays with the team on offense (i.e. allowed to oppose the defense)
opportunity_rate_off_rush_rank	double	National rank of the team's opportunity rate – the share of rushes carrying the opportunity flag on rush plays with the team on offense (i.e. allowed to oppose the defense)
plays_def_rush	integer	Plays run on rush plays, with the team on defense (i.e. allowed to oppose the offense)
passrate_def_rush	double	Share of plays that were pass plays on rush plays, with the team on defense (i.e. allowed to oppose the offense)
rushrate_def_rush	double	Share of plays that were rush plays on rush plays, with the team on defense (i.e. allowed to oppose the offense)
havoc_def_rush	double	Havoc rate – the share of plays carrying the defensive-disruption flag on rush plays with the team on defense (i.e. allowed to oppose the offense)
explosive_def_rush	double	Explosive-play rate – the share of plays carrying the explosive flag on rush plays with the team on defense (i.e. allowed to oppose the offense)
TEPA_def_rush	double	Total EPA summed over every play on rush plays, with the team on defense (i.e. allowed to oppose the offense)
EPAsplay_def_rush	double	EPA per play on rush plays, with the team on defense (i.e. allowed to oppose the offense)
yards_def_rush	integer	Total yards gained on rush plays, with the team on defense (i.e. allowed to oppose the offense)
yardsplay_def_rush	double	Yards gained per play on rush plays, with the team on defense (i.e. allowed to oppose the offense)
play_stuffed_def_rush	double	Stuffed-play rate – the share of plays carrying the stuffed flag on rush plays with the team on defense (i.e. allowed to oppose the offense)
success_def_rush	double	Success rate – the share of plays flagged as successful by EPA on rush plays with the team on defense (i.e. allowed to oppose the offense)
red_zone_success_def_rush	double	Success rate on red-zone plays on rush plays, with the team on defense (i.e. allowed to oppose the offense)
third_down_success_def_rush	double	Success rate on third-down plays on rush plays, with the team on defense (i.e. allowed to oppose the offense)
third_down_distance_def_rush	double	Average yards to go on third down on rush plays, with the team on defense (i.e. allowed to oppose the offense)
late_down_success_def_rush	double	Success rate on late-down plays on rush plays, with the team on defense (i.e. allowed to oppose the offense)
early_down_EPA_def_rush	double	EPA per early-down play on rush plays, with the team on defense (i.e. allowed to oppose the offense)
nonExplosiveEpaPerPlay_def_rush	double	EPA per play with explosive plays excluded on rush plays, with the team on defense (i.e. allowed to oppose the offense)
line_yards_def_rush	double	Average line yards credited to the offensive line on rushes on rush plays with the team on defense (i.e. allowed to oppose the offense)
opportunity_rate_def_rush	double	Opportunity rate – the share of rushes carrying the opportunity flag on rush plays with the team on defense (i.e. allowed to oppose the offense)
playsgame_def_rush	double	Plays run per game on rush plays, with the team on defense (i.e. allowed to oppose the offense)
EPAdrive_def_rush	double	EPA per drive (total EPA divided by drives) on rush plays, with the team on defense (i.e. allowed to oppose the offense)
EPAsgame_def_rush	double	EPA per game (total EPA divided by games) on rush plays, with the team on defense (i.e. allowed to oppose the offense)
yardsgame_def_rush	double	Yards gained per game on rush plays, with the team on defense (i.e. allowed to oppose the offense)
drives_def_rush	integer	Offensive drives on rush plays, with the team on defense (i.e. allowed to oppose the offense)
drivesgame_def_rush	double	Drives per game on rush plays, with the team on defense (i.e. allowed to oppose the offense)
yardsdrive_def_rush	double	Yards gained per drive on rush plays, with the team on defense (i.e. allowed to oppose the offense)
playsdrive_def_rush	double	Plays run per drive on rush plays, with the team on defense (i.e. allowed to oppose the offense)
playsgame_def_rush_rank	double	National rank of the team's plays run per game on rush plays with the team on defense (i.e. allowed to oppose the offense)
TEPA_def_rush_rank	double	National rank of the team's total EPA summed over every play on rush plays with the team on defense (i.e. allowed to oppose the offense)
EPAsgame_def_rush_rank	double	National rank of the team's EPA per game (total EPA divided by games) on rush plays with the team on defense (i.e. allowed to oppose the offense)

EPAplay_def_rush_rank	double	National rank of the team's EPA per play on rush plays with the team's
EPAdrive_def_rush_rank	double	National rank of the team's EPA per drive (total EPA divided by drives) on
early_down_EPA_def_rush_rank	double	National rank of the team's EPA per early-down play on rush plays with the
success_def_rush_rank	double	National rank of the team's success rate – the share of plays flagged as
yards_def_rush_rank	double	National rank of the team's total yards gained on rush plays with the team's
yardsplay_def_rush_rank	double	National rank of the team's yards gained per play on rush plays with the
yardsgame_def_rush_rank	double	National rank of the team's yards gained per game on rush plays with the
drivesgame_def_rush_rank	double	National rank of the team's drives per game on rush plays with the team's
yardsdrive_def_rush_rank	double	National rank of the team's yards gained per drive on rush plays with the
playsdrive_def_rush_rank	double	National rank of the team's plays run per drive on rush plays with the
play_stuffed_def_rush_rank	double	National rank of the team's stuffed-play rate – the share of plays carry
red_zone_success_def_rush_rank	double	National rank of the team's success rate on red-zone plays on rush plays
third_down_success_def_rush_rank	double	National rank of the team's success rate on third-down plays on rush p
late_down_success_def_rush_rank	double	National rank of the team's success rate on late-down plays on rush pl
third_down_distance_def_rush_rank	double	National rank of the team's average yards to go on third down on rush
havoc_def_rush_rank	double	National rank of the team's havoc rate – the share of plays carrying the
explosive_def_rush_rank	double	National rank of the team's explosive-play rate – the share of plays car
passrate_def_rush_rank	double	National rank of the team's share of plays that were pass plays on rush
rushrate_def_rush_rank	double	National rank of the team's share of plays that were rush plays on rush
nonExplosiveEpaPerPlay_def_rush_rank	double	National rank of the team's EPA per play with explosive plays exclude
line_yards_def_rush_rank	double	National rank of the team's average line yards credited to the offensive
opportunity_rate_def_rush_rank	double	National rank of the team's opportunity rate – the share of rushes carry
TEPA_margin_rush	double	Margin in total EPA summed over every play on rush plays: the team's
EPAplay_margin_rush	double	Margin in EPA per play on rush plays: the team's offensive value minu
EPAdrive_margin_rush	double	Margin in EPA per drive (total EPA divided by drives) on rush plays: t
EPAgame_margin_rush	double	Margin in EPA per game (total EPA divided by games) on rush plays: t
success_margin_rush	double	Margin in success rate – the share of plays flagged as successful by EP
yardsplay_margin_rush	double	Margin in yards gained per play on rush plays: the team's offensive va
TEPA_margin_rush_rank	double	Margin in total EPA summed over every play on rush plays: the team's
EPAplay_margin_rush_rank	double	Margin in EPA per play on rush plays: the team's offensive value minu
EPAdrive_margin_rush_rank	double	Margin in EPA per drive (total EPA divided by drives) on rush plays: t
EPAgame_margin_rush_rank	double	Margin in EPA per game (total EPA divided by games) on rush plays: t
success_margin_rush_rank	double	Margin in success rate – the share of plays flagged as successful by EP
yardsplay_margin_rush_rank	double	Margin in yards gained per play on rush plays: the team's offensive va
fbs_class	character	Power/Group classification for the season: P4 or G6 from 2024 on, P5
valid_games	integer	Number of the team's games that produced both an offensive and a def
adj_off_epa	double	Offensive opponent-adjusted EPA per play from the ridge (RAPM-sty
adj_def_epa	double	Defensive opponent-adjusted EPA per play from the ridge (RAPM-sty
off_strength_faced	double	Average opponent-defense strength the team's offense faced, taken as
def_strength_faced	double	Average opponent-offense strength the team's defense faced, taken as
net_adj_epa	double	Net opponent-adjusted EPA per play: adj_off_epa minus adj_def_epa.
adj_off_epa_rank	double	National rank of the team's adj_off_epa, where 1 is best.
adj_def_epa_rank	double	National rank of the team's adj_def_epa, where 1 is best (fewest EPA
net_adj_epa_rank	double	National rank of the team's net_adj_epa, 1 = largest net adjusted EPA.
through_week	integer	Regular-season week this cumulative snapshot covers – the row reflect

Author(s)

Saiem Gilani

Examples

```
try(load_cfb_team_summaries_weekly(2004))
```

load_cfb_team_talent	Load college football team talent composite from the SportsData-verse data repo
----------------------	--

Description

Loads the 247Sports team talent composite – one row per team-season. Published to the cfb_team_talent release tag on the sportsdataverse-data repo.

Usage

```
load_cfb_team_talent(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2005 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2005)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
season	integer	
team_id	integer	
team	character	
talent_composite	double	
talent_rank	integer	

blue_chip_ratio	double
n_recruits	integer

Author(s)

Saiem Gilani

Examples

```
try(load_cfb_team_talent(2005))
```

load_espn_cfb_adv_defensive
Load college football advanced defensive from the SportsData-verse data repo

Description

Loads season-level advanced defensive team stats – one row per defense with havoc, TFL, drive-stop, and pass-rush aggregates. Published to the `espn_cfb_adv_defensive` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_adv_defensive(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
def_pos_team_id	integer	ESPN team id of the team on defense. Present for every season 2004+.
def_pos_team	character	
scrimmage_plays	integer	Number of plays from scrimmage (rushes plus passes), excluding special teams.
TFL	integer	Count of scrimmage plays the defense held to negative yardage (non-penalty, non-special teams).
TFL_pass	integer	The TFL count restricted to plays classified as passes, so it covers sacks together with coverage TFLs.
TFL_rush	integer	The TFL count restricted to plays classified as rushes, that is rushing attempts the defense held to negative yardage.
havoc_total	integer	
havoc_total_rate	double	Share of the defense's scrimmage plays producing a havoc event, a 0-to-1 fraction equal to havoc_total / scrimmage_plays.
fumbles	integer	Fumbles the defense forced, counted from plays whose narrative contains the phrase forced fumble.
def_int	integer	Interceptions the defense recorded, counted from plays ESPN types as Interception Return.
drive_stopped_rate	double	Percentage from 0 to 100 of the defense's scrimmage plays that occurred on drives ending in a turnover.
num_pass_plays	integer	Number of pass scrimmage plays the defense faced, the denominator behind havoc_total_pass_rate.
havoc_total_pass	integer	Havoc events (tackle for loss, sack, interception, forced fumble, or pass breakup) recorded on pass plays.
havoc_total_pass_rate	double	havoc_total_pass divided by num_pass_plays, the defense's havoc rate against the pass attack.
sacks	integer	
sacks_rate	double	Sacks divided by pass plays faced, the defense's per-pass-play sack rate as a 0-to-1 fraction.
pass_breakups	integer	Passes the defense broke up, counted from plays whose narrative contains the phrase broke up.
havoc_total_rush	integer	Havoc events recorded on the rush plays the defense faced, in practice tackles for loss and sacks.
havoc_total_rush_rate	double	Havoc events per rush play faced, the mean of the havoc flag over the defense's rush scrimmages.
game_id	integer	
season	integer	
week	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_adv_defensive(2004))
```

```
load_espn_cfb_adv_defensive_players
```

**Load college football advanced defensive players from the Sports-
Dataverse data repo**

Description

Loads season-level advanced defensive player stats – one row per player with tackles, TFL, sacks, pressures, and coverage counting stats. Published to the espn_cfb_adv_defensive_players release tag on the sportsdataverse-data repo.

Usage

```
load_espn_cfb_adv_defensive_players(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)

... Additional arguments passed to an underlying function that writes the season data into a database.

dbConnection A DBIConnection object, as returned by [DBI::dbConnect\(\)](#)

tablename The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
def_pos_team_id	integer	ESPN team id of the team on defense. Present for every season 2004+.
def_pos_team	character	Display name of the team on defense (e.g. 'Ohio State Buckeyes'). Held an ESPN team id.
player_name	character	Display name of the defender.
sacks	integer	Sacks recorded by the defender. Available from 2005 on; null for 2004.
sacks_yards	integer	Yards lost by the offense on the defender's sacks. Available from 2005 on; null for 2004.
fumble_recoveries	integer	Fumbles recovered by the defender. Available for every season 2004+.
fumble_recoveries_yards	integer	Yards returned on the defender's fumble recoveries. Available for every season 2004+.
game_id	integer	
season	integer	
week	integer	
pass_breakups	integer	Passes broken up by the defender. Available from 2005 on; null for 2004.
interceptions	integer	Passes intercepted by the defender. Available from 2014 on; null for 2004-2013, which are covered by the pass_breakups variable.
interceptions_yards	integer	Yards returned on the defender's interceptions. Available from 2014 on; null for 2004-2013, which are covered by the interceptions variable.
forced_fumbles	integer	Fumbles forced by the defender. Available from 2005 on; null for 2004, which ESPN does not have data for.

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_adv_defensive_players(2004))
```

load_espn_cfb_adv_drives	Load college football advanced drives from the SportsDataverse data repo
--------------------------	---

Description

Loads season-level advanced drive aggregates – one row per team with drive-level scoring, efficiency, and field-position splits. Published to the `espn_cfb_adv_drives` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_adv_drives(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass <code>seasons = TRUE</code> for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A <code>DBIConnection</code> object, as returned by <code>DBI::dbConnect()</code>
tablename	The name of the data table within the database

Value

Returns a `cfbfastR_data` tibble.

col_name	types	description
pos_team_id	integer	ESPN team id of the team on offense. Present for every season 2004+.
pos_team	character	
drive_total_available_yards	double	Sum of each drive’s starting distance to the opponent end zone taken across every
drive_total_gained_yards	integer	Sum of ESPN’s per-drive yardage repeated across every scrimmage play of that c
avg_field_position	double	Mean distance to the opponent end zone at drive start averaged over the team’s s
plays_per_drive	double	Mean of ESPN’s per-drive offensivePlays taken over plays rather than over drives
yards_per_drive	double	Mean of ESPN’s per-drive yardage taken over plays rather than over drives, exac
drives	integer	Number of distinct ESPN drive ids on which the team ran at least one scrimmage
drive_total_gained_yards_rate	double	Available-yards conversion as a percentage, 100 times <code>drive_total_gained_yards</code>
game_id	integer	
season	integer	

week integer

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_adv_drives(2004))
```

```
load_espn_cfb_adv_passing
```

Load college football advanced passing from the SportsDataverse data repo

Description

Loads season-level advanced passing stats – one row per qualifying passer with EPA, CPOE, air-yards, and pressure splits. Published to the `espn_cfb_adv_passing` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_adv_passing(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

<code>seasons</code>	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass <code>seasons = TRUE</code> for every published season. (Min: 2004)
<code>...</code>	Additional arguments passed to an underlying function that writes the season data into a database.
<code>dbConnection</code>	A <code>DBIConnection</code> object, as returned by DBI::dbConnect()
<code>tablename</code>	The name of the data table within the database

Value

Returns a `cfbfastR_data` tibble.

col_name	types	description
pos_team_id	integer	ESPN team id of the team on offense. Present for every season 2004+.
pos_team	character	
passer_player_name	character	Display name of the passer – the FIRST participant in that role on the play.
Comp	integer	Completed passes recorded in the advanced box score.
Att	integer	Pass attempts recorded in the advanced box score.
xComp	double	Expected completions, summed from the per-play completion model.
Yds	double	Passing yards from the advanced box score.
Pass_TD	integer	Passing touchdowns.
Int	integer	Interceptions thrown.
YPA	double	Yards per pass attempt.
EPA	double	
EPA_per_Play	double	EPA per play on the passer's plays.
WPA	double	
SR	double	Success rate on the passer's plays.
Sck	integer	Times the passer was sacked.
CompPct	double	Completion percentage from the advanced box score.
xCompPct	double	Expected completion percentage from the per-play completion model.
CPOE	double	Completion percentage over expected – actual minus modelled completion rate.
qbr_epa	double	EPA variant used as an input to the QBR calculation.
sack_epa	double	EPA credited to the player's sacks taken.
pass_epa	double	EPA credited to the player's pass plays.
rush_epa	double	EPA credited to the player's rush plays.
pen_epa	double	EPA attributable to penalties on the player's plays.
spread	double	
era0	integer	Rule-era indicator for the earliest modelled era.
era1	integer	Rule-era indicator for the second modelled era.
era2	integer	Rule-era indicator for the third modelled era.
era3	integer	Rule-era indicator for the most recent modelled era.
exp_qbr	double	Expected QBR for the passer.
game_id	integer	
season	integer	
week	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_adv_passing(2004))
```

load_espn_cfb_adv_receiving

Load college football advanced receiving from the SportsData-verse data repo

Description

Loads season-level advanced receiving stats – one row per qualifying receiver with target share, EPA per target, and YAC splits. Published to the `espn_cfb_adv_receiving` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_adv_receiving(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

<code>seasons</code>	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass <code>seasons = TRUE</code> for every published season. (Min: 2004)
<code>...</code>	Additional arguments passed to an underlying function that writes the season data into a database.
<code>dbConnection</code>	A <code>DBIConnection</code> object, as returned by <code>DBI::dbConnect()</code>
<code>tablename</code>	The name of the data table within the database

Value

Returns a `cfbfastR_data` tibble.

col_name	types	description
<code>pos_team_id</code>	integer	ESPN team id of the team on offense. Present for every season 2004+.
<code>pos_team</code>	character	
<code>receiver_player_name</code>	character	Display name of the targeted receiver – the FIRST participant in that role on the play.
<code>Rec</code>	integer	Receptions credited to the receiver, the number of completions on plays where this player
<code>Tar</code>	integer	Times the player was targeted on a pass attempt, the denominator behind YPT.
<code>Yds</code>	double	Passing yards from the advanced box score.
<code>Rec_TD</code>	integer	Receiving touchdowns, the count of the player's targeted plays that ended in a passing to
<code>YPT</code>	double	Receiving yards per target, the mean of receiving yardage over every target rather than ov
<code>EPA</code>	double	
<code>EPA_per_Play</code>	double	EPA per play on the passer's plays.
<code>WPA</code>	double	
<code>SR</code>	double	Success rate on the passer's plays.
<code>Fum</code>	integer	Count of the receiver's targeted pass plays whose text mentions a fumble; it is a play-level
<code>Fum_Lost</code>	integer	Count of the receiver's targeted plays on which a fumble was lost to the opponent.
<code>game_id</code>	integer	
<code>season</code>	integer	
<code>week</code>	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_adv_receiving(2004))
```

load_espn_cfb_adv_rushing

Load college football advanced rushing from the SportsDataverse data repo

Description

Loads season-level advanced rushing stats – one row per qualifying rusher with EPA per rush, success rate, and yardage-band splits. Published to the espn_cfb_adv_rushing release tag on the sportsdataverse-data repo.

Usage

```
load_espn_cfb_adv_rushing(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
pos_team_id	integer	ESPN team id of the team on offense. Present for every season 2004+.
pos_team	character	
rusher_player_name	character	Display name of the ball carrier on a rush – the FIRST participant in that role on the play.

Car	integer	Rushing attempts credited to this ball carrier in the game.
Yds	double	Passing yards from the advanced box score.
Rush_TD	integer	Rushing touchdowns scored by this ball carrier in the game.
YPC	double	Yards per carry, the mean rushing yardage across the player's attempts in the game.
EPA	double	
EPA_per_Play	double	EPA per play on the passer's plays.
WPA	double	
SR	double	Success rate on the passer's plays.
Fum	integer	Count of the carrier's rush attempts whose play text mentions a fumble; it is a play-level flag.
Fum_Lost	integer	Count of the carrier's rush attempts on which a fumble was lost to the opponent.
game_id	integer	
season	integer	
week	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_adv_rushing(2004))
```

`load_espn_cfb_adv_situational`

Load college football advanced situational from the SportsData-verse data repo

Description

Loads season-level situational splits – one row per team-situation (down, distance band, field zone, game state) with EPA and success aggregates. Published to the `espn_cfb_adv_situational` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_adv_situational(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
pos_team_id	integer	ESPN team id of the team on offense. Present for every season 2004+.
pos_team	character	Display name of the team on offense (e.g. 'Ohio State Buckeyes').
EPA_success	integer	Count of successful plays. Despite the EPA_ prefix this is a play COUNT.
EPA_success_rate	double	Success rate – the share of those plays ESPN scored as successful.
EPA_success_pass	integer	Count of successful plays on pass plays. Despite the EPA_ prefix this is a
EPA_success_pass_rate	double	Success rate on pass plays – the share of those plays ESPN scored as succe
EPA_success_rush	integer	Count of successful plays on rush plays. Despite the EPA_ prefix this is a
EPA_success_rush_rate	double	Success rate on rush plays – the share of those plays ESPN scored as succe
EPA_success_rz	integer	Count of successful plays on the red zone. Despite the EPA_ prefix this is
EPA_success_rz_rate	double	Success rate on the red zone – the share of those plays ESPN scored as suc
EPA_success_third	integer	Count of successful plays on third down. Despite the EPA_ prefix this is a
EPA_success_rate_third	double	Success rate on third down – the share of those plays ESPN scored as succe
EPA_success_early_down	integer	Count of successful plays on early downs. Despite the EPA_ prefix this is
EPA_success_early_down_rate	double	Success rate on early downs – the share of those plays ESPN scored as suc
early_downs	integer	Number of plays the team ran on early downs.
early_down_pass_rate	double	Share of the team's plays on early downs that were pass plays.
early_down_rush_rate	double	Share of the team's plays on early downs that were rush plays.
EPA_early_down	double	Total EPA the team generated on early downs.
EPA_early_down_per_play	double	EPA per play on early downs.
early_down_first_down	integer	Number of early-down plays that produced a first down.
early_down_first_down_rate	double	Share of early-down plays that produced a first down.
early_down_pass	integer	Number of pass plays the team ran on early downs.
EPA_early_down_pass	double	Total EPA the team generated on early downs on pass plays.
EPA_early_down_pass_per_play	double	EPA per play on early downs on pass plays.
EPA_success_early_down_pass	integer	Count of successful plays on early downs on pass plays. Despite the EPA_
EPA_success_early_down_pass_rate	double	Success rate on early downs on pass plays – the share of those plays ESPN
early_down_rush	integer	Number of rush plays the team ran on early downs.
EPA_early_down_rush	double	Total EPA the team generated on early downs on rush plays.
EPA_early_down_rush_per_play	double	EPA per play on early downs on rush plays.
EPA_success_early_down_rush	integer	Count of successful plays on early downs on rush plays. Despite the EPA_
EPA_success_early_down_rush_rate	double	Success rate on early downs on rush plays – the share of those plays ESPN
middle_8	integer	Number of plays the team ran in the middle eight – the closing minutes of
middle_8_pass_rate	double	Share of the team's plays on the middle eight – the closing minutes of the

middle_8_rush_rate	double	Share of the team's plays on the middle eight – the closing minutes of the
EPA_middle_8	double	Total EPA the team generated on the middle eight – the closing minutes of
EPA_middle_8_per_play	double	EPA per play on the middle eight – the closing minutes of the first half and
EPA_middle_8_success	integer	Count of successful plays on the middle eight – the closing minutes of the
EPA_middle_8_success_rate	double	Success rate on the middle eight – the closing minutes of the first half and
middle_8_pass	integer	Number of pass plays the team ran on the middle eight – the closing minutes
EPA_middle_8_pass	double	Total EPA the team generated on the middle eight – the closing minutes of
EPA_middle_8_pass_per_play	double	EPA per play on the middle eight – the closing minutes of the first half and
EPA_middle_8_success_pass	integer	Count of successful plays on the middle eight – the closing minutes of the
EPA_middle_8_success_pass_rate	double	Success rate on the middle eight – the closing minutes of the first half and
middle_8_rush	integer	Number of rush plays the team ran on the middle eight – the closing minutes
EPA_middle_8_rush	double	Total EPA the team generated on the middle eight – the closing minutes of
EPA_middle_8_rush_per_play	double	EPA per play on the middle eight – the closing minutes of the first half and
EPA_middle_8_success_rush	integer	Count of successful plays on the middle eight – the closing minutes of the
EPA_middle_8_success_rush_rate	double	Success rate on the middle eight – the closing minutes of the first half and
EPA_success_late_down	integer	Count of successful plays on late downs. Despite the EPA_ prefix this is a
EPA_success_late_down_pass	integer	Count of successful plays on late downs on pass plays. Despite the EPA_ p
EPA_success_late_down_rush	integer	Count of successful plays on late downs on rush plays. Despite the EPA_ p
late_downs	integer	Number of plays the team ran on late downs.
late_down_pass	integer	Number of pass plays the team ran on late downs.
late_down_rush	integer	Number of rush plays the team ran on late downs.
EPA_late_down	double	Total EPA the team generated on late downs.
EPA_late_down_per_play	double	EPA per play on late downs.
EPA_success_late_down_rate	double	Success rate on late downs – the share of those plays ESPN scored as succ
EPA_success_late_down_pass_rate	double	Success rate on late downs on pass plays – the share of those plays ESPN
EPA_success_late_down_rush_rate	double	Success rate on late downs on rush plays – the share of those plays ESPN
late_down_pass_rate	double	Share of the team's plays on late downs that were pass plays.
late_down_rush_rate	double	Share of the team's plays on late downs that were rush plays.
EPA_success_standard_down	integer	Count of successful plays on standard downs (the team ahead of schedule
EPA_success_standard_down_rate	double	Success rate on standard downs (the team ahead of schedule for the series)
EPA_standard_down	double	Total EPA the team generated on standard downs (the team ahead of sched
EPA_standard_down_per_play	double	EPA per play on standard downs (the team ahead of schedule for the series)
standard_downs	integer	Number of plays the team ran on standard downs (the team ahead of sched
EPA_success_passing_down	integer	Count of successful plays on passing downs (the team behind schedule for
EPA_success_passing_down_rate	double	Success rate on passing downs (the team behind schedule for the series) –
EPA_passing_down	double	Total EPA the team generated on passing downs (the team behind schedule
EPA_passing_down_per_play	double	EPA per play on passing downs (the team behind schedule for the series).
passing_downs	integer	Number of plays the team ran on passing downs (the team behind schedule
game_id	integer	
season	integer	
week	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_adv_situational(2004))
```

load_espn_cfb_adv_specialists	Load college football advanced specialists from the SportsData-verse data repo
-------------------------------	---

Description

Loads season-level specialist stats – one row per kicker/punter/returner with kicking EPA, field-goal profile, and return aggregates. Published to the `espn_cfb_adv_specialists` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_adv_specialists(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass <code>seasons = TRUE</code> for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A <code>DBIConnection</code> object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a `cfbfastR_data` tibble.

col_name	types	description
pos_team_id	integer	ESPN team id of the team on offense. Present for every season 2004+.
pos_team	character	
player_name	character	
field_goals	integer	Number of field-goal attempts.
field_goals_yards	integer	Sum of the field-goal attempt distances parsed out of the play text; it stays at zero when no c
punts	integer	Punts attempted.
punts_yards	integer	Total gross punt yardage parsed from the play text for this punter, working out to roughly 42

kick_returns	integer	
kick_returns_yards	integer	Total yards the team gained returning kickoffs.
punt_returns	integer	
punt_returns_yards	integer	Total punt-return yardage credited to this returner, with fair catches, downed punts, and out-
game_id	integer	
season	integer	
week	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_adv_specialists(2004))
```

load_espn_cfb_adv_team

Load college football advanced team from the SportsDataverse data repo

Description

Loads season-level advanced team stats – one row per team with the offense/defense EPA, success, explosiveness, and havoc profile. Published to the `espn_cfb_adv_team` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_adv_team(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass <code>seasons = TRUE</code> for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A <code>DBIConnection</code> object, as returned by <code>DBI::dbConnect()</code>
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
pos_team_id	integer	ESPN team id of the team on offense. Present for every season 2004+.
pos_team	character	
rushing_highlight_yards_per_opp	double	Highlight yards per rushing opportunity.
total_pen_yards	integer	Total penalty yards assessed.
EPA_penalty	double	Total EPA attributed to penalties.
penalty_first_downs_created	integer	Number of first downs the team gained via opponent penalty.
penalty_first_downs_created_rate	double	Share of the team's first downs that came via opponent penalty.
penalties	integer	Number of penalties assessed against the team.
penalty_yards	integer	Net penalty yardage assessed against the team; can be negative when en
special_teams_plays	integer	Number of special-teams plays.
EPA_sp	double	Total special-teams EPA, ESPN's abbreviated field for the same phase.
EPA_special_teams	double	Total EPA generated on special-teams plays.
field_goals	integer	Number of field-goal attempts.
EPA_fg	double	Total EPA on field-goal attempts.
punt_plays	integer	Number of punt plays.
EPA_punt	double	Total EPA on punt plays.
kickoff_plays	integer	Number of kickoff plays.
EPA_kickoff	double	Total EPA on kickoff plays.
rushes	integer	Number of rushing attempts.
rush_yards	double	Total yards the team gained on rush plays.
yards_per_rush	double	Yards gained per rushing attempt.
rushing_power_rate	double	Share of carries that were power rushing attempts.
rushing_first_downs_created	integer	Number of first downs created on rush plays.
rushing_first_downs_created_rate	double	Share of rush plays that created a first down.
EPA_rushing_overall	double	Total EPA on rush plays.
EPA_rushing_per_play	double	EPA per rush play.
EPA_explosive_rushing	integer	Count of explosive rush plays. A play count, not an EPA total.
EPA_explosive_rushing_rate	double	Explosive-play rate on rush plays, over ESPN's qualifying-play denomin
EPA_non_explosive_rushing	double	Total EPA on rush plays with explosive plays excluded.
EPA_non_explosive_rushing_per_play	double	EPA per rush play with explosive plays excluded.
passes	integer	Number of pass plays the team ran.
pass_yards	double	Total yards the team gained on pass plays.
yards_per_pass	double	
passing_first_downs_created	integer	Number of first downs created on pass plays.
passing_first_downs_created_rate	double	Share of pass plays that created a first down.
EPA_passing_overall	double	Total EPA on pass plays.
EPA_passing_per_play	double	EPA per pass play.
EPA_explosive_passing	integer	Count of explosive pass plays. A play count, not an EPA total.
EPA_explosive_passing_rate	double	Explosive-play rate on pass plays, over ESPN's qualifying-play denomin
EPA_non_explosive_passing	double	Total EPA on pass plays with explosive plays excluded.
EPA_non_explosive_passing_per_play	double	EPA per pass play with explosive plays excluded.
scrimmage_plays	integer	Number of plays from scrimmage (rushes plus passes), excluding specia
EPA_overall_off	double	Total offensive EPA for the team. Duplicated exactly by EPA_overall_of
EPA_overall_offense	double	Total offensive EPA. An exact duplicate of EPA_overall_off.

EPA_per_play	double	Offensive EPA per play.
EPA_non_explosive	double	Total EPA with explosive plays excluded, isolating the team's routine-d
EPA_non_explosive_per_play	double	EPA per play with explosive plays excluded.
EPA_explosive	integer	Count of explosive plays, per ESPN's advanced box score. Despite the E
EPA_explosive_rate	double	Explosive-play rate. Note this is NOT EPA_explosive divided by EPA_p
passes_rate	double	Share of the team's plays from scrimmage that were pass plays.
off_yards	integer	Offensive yards gained from scrimmage.
total_off_yards	integer	Total offensive yards across all plays.
yards_per_play	double	Yards gained per play.
EPA_plays	integer	Number of plays ESPN's advanced box score scored for the team.
total_yards	integer	Total yards the team gained across all plays.
EPA_overall_total	double	Total EPA across all phases, which is why it differs from the offense-onl
rushes_rate	double	Share of the team's plays from scrimmage that were rush plays.
first_downs_created	integer	Number of first downs the team created.
first_downs_created_rate	double	Share of the team's plays that created a first down.
EPA_rushing_power	double	Total EPA on power rushing situations, as classified by ESPN's advance
EPA_rushing_power_per_play	double	EPA per play on power rushing situations.
rushing_power_success	integer	Count of power rushing attempts that gained the yardage needed. An int
rushing_power_success_rate	double	Share of power rushing attempts that succeeded.
rushing_power	integer	Count of power rushing attempts, in short-yardage situations as classifie
rushing_stuff	integer	Count of stuffed rushing attempts.
rushing_stuff_rate	double	Share of the team's carries that were stuffed at or behind the line of scrin
rushing_stopped	integer	Count of rushing attempts stopped at or behind the line of scrimmage.
rushing_stopped_rate	double	Share of carries stopped at or behind the line of scrimmage.
rushing_opportunity	integer	Count of rushing opportunities – carries that reached ESPN's opportuniti
rushing_opportunity_rate	double	Share of carries that qualified as rushing opportunities.
rushing_highlight	integer	Highlight yards – rushing yardage credited to the back rather than the of
rushing_highlight_rate	double	Share of rushing yardage that was highlight (back-credited) yardage.
rushing_highlight_yards	double	Total highlight yards the team accumulated – the yardage credited to bal
line_yards	double	Line yards – the portion of rushing yardage credited to the offensive line
line_yards_per_carry	double	Line yards per rushing attempt.
second_level_yards	double	Second-level yards – rushing yardage earned just beyond the line of scri
open_field_yards	double	Open-field yards – rushing yardage earned well downfield, past the seco
game_id	integer	
season	integer	
week	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_adv_team(2004))
```

load_espn_cfb_adv_team_gamelog

Load college football advanced team gamelog from the Sports-Dataverse data repo

Description

Loads season-level advanced team game logs – one row per team-game with the same advanced-stat profile at game grain. Published to the `espn_cfb_adv_team_gamelog` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_adv_team_gamelog(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

<code>seasons</code>	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass <code>seasons = TRUE</code> for every published season. (Min: 2004)
<code>...</code>	Additional arguments passed to an underlying function that writes the season data into a database.
<code>dbConnection</code>	A <code>DBIConnection</code> object, as returned by <code>DBI::dbConnect()</code>
<code>tablename</code>	The name of the data table within the database

Value

Returns a `cfbfastR_data` tibble.

col_name	types	description
<code>season</code>	integer	
<code>week</code>	integer	
<code>season_type</code>	integer	
<code>game_id</code>	integer	
<code>start_date</code>	character	
<code>team_id</code>	integer	
<code>team</code>	character	
<code>opponent_id</code>	integer	
<code>opponent</code>	character	
<code>is_home</code>	logical	
<code>neutral_site</code>	logical	

points_for	integer	
points_against	integer	
margin	integer	Final scoring margin from this team's perspective, exactly points_for minus points_against.
win	logical	
rushing_highlight_yards_per_opp	double	Highlight yards per rushing opportunity.
total_pen_yards	integer	Total penalty yards assessed.
EPA_penalty	double	Total EPA attributed to penalties.
penalty_first_downs_created	integer	Number of first downs the team gained via opponent penalty.
penalty_first_downs_created_rate	double	Share of the team's first downs that came via opponent penalty.
penalties	integer	Number of penalties assessed against the team.
penalty_yards	integer	Net penalty yardage assessed against the team; can be negative when enroute to offense.
special_teams_plays	integer	Number of special-teams plays.
EPA_sp	double	Total special-teams EPA, ESPN's abbreviated field for the same phase.
EPA_special_teams	double	Total EPA generated on special-teams plays.
field_goals	integer	Number of field-goal attempts.
EPA_fg	double	Total EPA on field-goal attempts.
punt_plays	integer	Number of punt plays.
EPA_punt	double	Total EPA on punt plays.
kickoff_plays	integer	Number of kickoff plays.
EPA_kickoff	double	Total EPA on kickoff plays.
rushes	integer	Number of rushing attempts.
rush_yards	integer	Total yards the team gained on rush plays.
yards_per_rush	double	Yards gained per rushing attempt.
rushing_power_rate	double	Share of carries that were power rushing attempts.
rushing_first_downs_created	integer	Number of first downs created on rush plays.
rushing_first_downs_created_rate	double	Share of rush plays that created a first down.
EPA_rushing_overall	double	Total EPA on rush plays.
EPA_rushing_per_play	double	EPA per rush play.
EPA_explosive_rushing	integer	Count of explosive rush plays. A play count, not an EPA total.
EPA_explosive_rushing_rate	double	Explosive-play rate on rush plays, over ESPN's qualifying-play denominator.
EPA_non_explosive_rushing	double	Total EPA on rush plays with explosive plays excluded.
EPA_non_explosive_rushing_per_play	double	EPA per rush play with explosive plays excluded.
passes	integer	Number of pass plays the team ran.
pass_yards	double	Total yards the team gained on pass plays.
yards_per_pass	double	
passing_first_downs_created	integer	Number of first downs created on pass plays.
passing_first_downs_created_rate	double	Share of pass plays that created a first down.
EPA_passing_overall	double	Total EPA on pass plays.
EPA_passing_per_play	double	EPA per pass play.
EPA_explosive_passing	integer	Count of explosive pass plays. A play count, not an EPA total.
EPA_explosive_passing_rate	double	Explosive-play rate on pass plays, over ESPN's qualifying-play denominator.
EPA_non_explosive_passing	double	Total EPA on pass plays with explosive plays excluded.
EPA_non_explosive_passing_per_play	double	EPA per pass play with explosive plays excluded.
scrimmage_plays	integer	Number of plays from scrimmage (rushes plus passes), excluding special teams.
EPA_overall_off	double	Total offensive EPA for the team. Duplicated exactly by EPA_overall_offense.
EPA_overall_offense	double	Total offensive EPA. An exact duplicate of EPA_overall_off.
EPA_per_play	double	Offensive EPA per play.
EPA_non_explosive	double	Total EPA with explosive plays excluded, isolating the team's routine-down EPA.

EPA_non_explosive_per_play	double	EPA per play with explosive plays excluded.
EPA_explosive	integer	Count of explosive plays, per ESPN's advanced box score. Despite the E
EPA_explosive_rate	double	Explosive-play rate. Note this is NOT EPA_explosive divided by EPA_p
passes_rate	double	Share of the team's plays from scrimmage that were pass plays.
off_yards	integer	Offensive yards gained from scrimmage.
total_off_yards	integer	Total offensive yards across all plays.
yards_per_play	double	Yards gained per play.
EPA_plays	integer	Number of plays ESPN's advanced box score scored for the team.
total_yards	integer	Total yards the team gained across all plays.
EPA_overall_total	double	Total EPA across all phases, which is why it differs from the offense-onl
rushes_rate	double	Share of the team's plays from scrimmage that were rush plays.
first_downs_created	integer	Number of first downs the team created.
first_downs_created_rate	double	Share of the team's plays that created a first down.
EPA_rushing_power	double	Total EPA on power rushing situations, as classified by ESPN's advance
EPA_rushing_power_per_play	double	EPA per play on power rushing situations.
rushing_power_success	integer	Count of power rushing attempts that gained the yardage needed. An int
rushing_power_success_rate	double	Share of power rushing attempts that succeeded.
rushing_power	integer	Count of power rushing attempts, in short-yardage situations as classifie
rushing_stuff	integer	Count of stuffed rushing attempts.
rushing_stuff_rate	double	Share of the team's carries that were stuffed at or behind the line of scri
rushing_stopped	integer	Count of rushing attempts stopped at or behind the line of scrimmage.
rushing_stopped_rate	double	Share of carries stopped at or behind the line of scrimmage.
rushing_opportunity	integer	Count of rushing opportunities – carries that reached ESPN's opportunit
rushing_opportunity_rate	double	Share of carries that qualified as rushing opportunities.
rushing_highlight	integer	Highlight yards – rushing yardage credited to the back rather than the of
rushing_highlight_rate	double	Share of rushing yardage that was highlight (back-credited) yardage.
rushing_highlight_yards	double	Total highlight yards the team accumulated – the yardage credited to bal
line_yards	double	Line yards – the portion of rushing yardage credited to the offensive line
line_yards_per_carry	double	Line yards per rushing attempt.
second_level_yards	double	Second-level yards – rushing yardage earned just beyond the line of scri
open_field_yards	double	Open-field yards – rushing yardage earned well downfield, past the seco

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_adv_team_gamelog(2004))
```

load_espn_cfb_adv_turnover

Load college football advanced turnover from the SportsData-verse data repo

Description

Loads season-level turnover aggregates – one row per team with turnovers won/lost, expected turnovers, and turnover luck. Published to the `espn_cfb_adv_turnover` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_adv_turnover(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

- `seasons` A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass `seasons = TRUE` for every published season. (Min: 2004)
- `...` Additional arguments passed to an underlying function that writes the season data into a database.
- `dbConnection` A `DBIConnection` object, as returned by `DBI::dbConnect()`
- `tablename` The name of the data table within the database

Value

Returns a `cfbfastR_data` tibble.

col_name	types	description
pos_team_id	integer	ESPN team id of the team on offense. Present for every season 2004+.
pos_team	character	
turnovers	integer	
st_turnovers_lost	integer	Turnovers the team lost on special-teams plays.
Int	integer	Interceptions thrown.
fumbles_lost	integer	
pass_breakups	integer	Passes thrown by this offense that the opposing defense broke up; it equals the oppo
total_fumbles	integer	
fumbles_recovered	integer	
team_id	integer	
turnovers_pbp	integer	Turnover count derived from the play-by-play, retained unchanged so it can be recon
Int_pbp	integer	Interception count derived from the play-by-play, kept alongside the ESPN-sourced
fumbles_lost_pbp	integer	Fumbles-lost count derived from the play-by-play, kept alongside the ESPN-sourced
espn_sourced	logical	CONSTANT: true on every published row. It records that the row was built from the
expected_turnovers	double	Turnover expectation for this team, computed as half its total fumbles plus 0.22 time
expected_turnover_margin	double	The opponent's expected_turnovers minus this team's, so positive means the team w
turnover_margin	integer	The opponent's turnovers minus this team's turnovers, positive when the team gained
turnover_luck	double	Points of scoring luck attributed to turnovers, five points per turnover times the gap b
takeaways	integer	

st_turnovers_gained	integer	Special-teams turnovers this team recovered, taken as the opponent's st_turnovers_lo
fumble_recoveries_gained	integer	Opponent fumbles this team recovered, taken as the opponent's fumbles_lost.
game_id	integer	
season	integer	
week	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_adv_turnover(2004))
```

load_espn_cfb_betting	Load ESPN college football betting lines from the SportsDataverse data repo
-----------------------	--

Description

Loads season-level betting lines – long format, one row per book per selection per market type (spread, moneyline, total), with open/close prices. Published to the espn_cfb_betting release tag on the sportsdataverse-data repo.

Usage

```
load_espn_cfb_betting(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
game_id	integer	
season	integer	
week	integer	
game_spread	double	
over_under	double	
home_favorite	logical	
home_team_spread	double	
game_spread_available	logical	
odds_source	character	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_betting(2004))
```

load_espn_cfb_drives	Load ESPN college football drives from the SportsDataverse data repo
----------------------	---

Description

Loads season-level drive summaries – one row per drive with start/end field position, result, plays, yards, and clock. Published to the espn_cfb_drives release tag on the sportsdataverse-data repo.

Usage

```
load_espn_cfb_drives(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
drive_id	character	
team_id	integer	
result	character	
display_result	character	
short_display_result	character	
description	character	
yards	integer	
offensive_plays	integer	
is_score	logical	
start_period	integer	
start_yard_line	integer	
start_clock	character	
start_text	character	
end_period	integer	
end_yard_line	integer	
end_clock	character	
time_elapsed	character	
n_plays	integer	Number of entries in ESPN's raw plays array for the drive, which is generally at least offen
game_id	integer	
season	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_drives(2004))
```

load_espn_cfb_game_rosters

Load ESPN college football game rosters from the SportsData-verse data repo

Description

Loads season-level game rosters – one row per player-game with team, position, and status, keyed by ESPN athlete id. Published to the `espn_cfb_game_rosters` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_game_rosters(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

<code>seasons</code>	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass <code>seasons = TRUE</code> for every published season. (Min: 2004)
<code>...</code>	Additional arguments passed to an underlying function that writes the season data into a database.
<code>dbConnection</code>	A <code>DBIConnection</code> object, as returned by DBI::dbConnect()
<code>tablename</code>	The name of the data table within the database

Value

Returns a `cfbfastR_data` tibble.

col_name	types	description
<code>athlete_id</code>	integer	
<code>athlete_uid</code>	character	
<code>athlete_guid</code>	character	
<code>athlete_type</code>	character	
<code>first_name</code>	character	
<code>last_name</code>	character	
<code>full_name</code>	character	
<code>athlete_display_name</code>	character	
<code>short_name</code>	character	
<code>weight</code>	double	
<code>display_weight</code>	character	

height	double	
display_height	character	
slug	character	
jersey	character	
linked	logical	
active	logical	
alternate_ids_sdr	character	
birth_place_city	character	
birth_place_state	character	
birth_place_country	character	
birth_country_alternate_id	character	ESPN's internal alternate identifier for the athlete's birth country, paired with birth_
birth_country_abbreviation	character	
headshot_href	character	
headshot_alt	character	
hand_type	character	
hand_abbreviation	character	
hand_display_value	character	
flag_href	character	URL of the birth-country flag image hosted on ESPN's CDN under teamlogos/coun
flag_alt	character	Alt text ESPN attaches to the birth-country flag image, which is the country's name
flag_rel	character	Stringified relationship list ESPN ships with the flag image; the only non-null value
experience_years	double	
experience_display_value	character	
experience_abbreviation	character	
status_id	character	
status_name	character	
status_type	character	
status_abbreviation	character	
middle_name	character	
starter	logical	
jersey_right	character	
valid	logical	
did_not_play	logical	
display_name	character	
athlete_href	character	ESPN Core v2 API reference URL for the athlete's season record, ending in the athl
position_href	character	ESPN Core v2 API reference URL for the position resource ESPN lists the athlete a
statistics_href	character	ESPN Core v2 API reference URL for this athlete's stat line in this game, null for th
team_id	integer	
order	integer	
home_away	character	
winner	logical	
team_guid	character	
team_uid	character	
team_slug	character	
team_location	character	
team_name	character	
team_nickname	character	
team_abbreviation	character	
team_display_name	character	

team_short_display_name	character	
team_color	character	
team_alterate_color	character	
is_active	logical	
is_all_star	logical	
team_alterate_ids_sdr	character	The team’s Sportradar alternate identifier, which maps one-to-one with team_id.
logo_href	character	
logo_dark_href	character	
game_id	integer	
season	integer	
week	integer	
age	double	
date_of_birth	character	
citizenship	character	
draft_display_text	character	
draft_round	double	
draft_year	double	
draft_selection	double	
draft_team_href	character	API link to the team that drafted the player. Sparse: absent entirely from the 2023 and

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_game_rosters(2004))
```

load_espn_cfb_linescores

Load ESPN college football linescores from the SportsDataverse data repo

Description

Loads season-level period linescores – one row per team-period with points scored. Published to the `espn_cfb_linescores` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_linescores(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
team_id	integer	
period	integer	
value	character	
game_id	integer	
season	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_linescores(2004))
```

```
load_espn_cfb_model_pbp
```

Load college football model-enriched play-by-play from the SportsDataverse data repo

Description

Loads season-level model-enriched play-by-play – the modeling-grade pbp frame with the engineered features the cfbfastR EP/WP model suite trains on. Published to the espn_cfb_model_pbp release tag on the sportsdataverse-data repo.

Usage

```
load_espn_cfb_model_pbp(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
game_id	integer	
id	character	
sequenceNumber	character	
game_play_number	integer	
drive.id	character	ESPN's drive identifier, formed as the game id followed by the drive's sequence number
season	integer	
week	integer	
period	integer	
pos_team	integer	
def_pos_team	integer	
start.pos_team.name	character	School name of the team with possession at the snap, taken from ESPN's team location field
homeTeamId	integer	ESPN team id of the home team, read off the game header and stamped on every play.
awayTeamId	integer	ESPN team id of the away team, read off the game header and stamped on every play.
homeTeamName	character	Home team's school name from ESPN's team location field, without the mascot.
awayTeamName	character	Away team's school name from ESPN's team location field, without the mascot.
type.text	character	ESPN's play-type label, for example Rush, Pass Reception, Sack, Punt, Penalty, or Timeout
text	character	
start.down	integer	Down at the snap as ESPN reports it; 0 marks the small share of rows ESPN leaves without
start.distance	integer	Yards the offense needs for a first down at the snap, carried through from ESPN without c
start.yardsToEndzone	integer	Distance in yards from the offense's spot at the snap to the opponent's end zone, ranging
pos_score_diff_start	integer	
start.TimeSecsRem	integer	Seconds remaining in the half at the snap, so it tops out at 1800 rather than counting down
start.is_home	logical	True when the team holding possession at the snap is the home team.
passing_down	logical	True on second and eight or longer, third and five or longer, or fourth and five or longer, th
pass	logical	
rush	logical	
completion	logical	
scoring_play	logical	
statYardage	integer	Yards gained on the play as ESPN reports it, negative on plays that lost yardage.
passer_player_name	character	Display name of the passer – the FIRST participant in that role on the play.
ep_before	double	
ep_after	double	
epa	double	

wp_before	double	
wp_after	double	
wpa	double	
completion_prob	double	Modelled probability the pass is completed.
cpoe	double	
model_pbp_version	character	Version of the model-scored play-by-play build.
cp_model_version	character	Version of the completion-probability model that scored the play.
ep_model_version	character	Version of the expected-points model that scored the play.
wp_model_version	character	Version of the win-probability model that scored the play.
scored_date	character	Date on which the play was scored by the models.

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_model_pbp(2004))
```

load_espn_cfb_passing	Load college football passing EPA splits from the SportsDataverse data repo
-----------------------	--

Description

Loads season-level passing EPA splits – one row per team (offense and defense views) with drop-back EPA, success, and explosiveness aggregates. Published to the `espn_cfb_passing` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_passing(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
team_id	integer	
pos_team	character	
division	character	
conference	character	
season	integer	
player_id	integer	
passer_player_name	character	Display name of the passer – the FIRST participant in that role on the play.
plays	integer	
games	integer	
team_games	integer	Games the team played, used as the per-game denominator.
TEPA	double	Total EPA summed over every play.
EPAplay	double	EPA generated per play.
yards	double	
success	double	Success rate across the team plays.
comp	double	Completed passes.
att	double	Pass attempts thrown.
comppct	double	Completion percentage.
passing_td	double	
playsgame	double	Plays per game.
EPAgame	double	EPA generated per game.
yardsplay	double	Yards per play.
yardsgame	double	Yards per game.
sacked	integer	Times the passer was sacked.
sack_yds	integer	Yards lost to sacks.
sack_epa	double	EPA lost on the sacks the team's passers took – the expected-points cost of those plays.
pass_int	integer	Interceptions thrown.
int_epa	double	EPA lost on the team's interceptions thrown – the expected-points cost of the turnovers, no
detmer	double	Detmer rating – the composite passing-efficiency measure this pipeline publishes, named f
detmergame	double	Detmer rating expressed per game.
dropbacks	double	Dropbacks taken by the passer.
sack_adj_yards	double	Passing yards adjusted for sack yardage lost.
yardsdropback	double	Yards per dropback.
TEPA_rank	double	National rank of the team's total EPA summed over every play, where 1 is best.
EPAgame_rank	double	National rank of the team's EPA generated per game, where 1 is best.
EPAplay_rank	double	National rank of the team's EPA generated per play, where 1 is best.
success_rank	double	National rank of the team's success rate across the team plays, where 1 is best.
comppct_rank	double	National rank of the team's completion percentage, where 1 is best.
yards_rank	double	National rank of the team's total yards, where 1 is best.
yardsplay_rank	double	National rank of the team's yards per play, where 1 is best.
yardsgame_rank	double	National rank of the team's yards per game, where 1 is best.
sack_adj_yards_rank	double	National rank of the team's passing yards adjusted for sack yardage lost, where 1 is best.
yardsdropback_rank	double	National rank of the team's yards per dropback, where 1 is best.
detmer_rank	double	National rank of the team's detmer rating – the composite passing-efficiency measure this
detmergame_rank	double	National rank of the team's detmer rating expressed per game, where 1 is best.

fb_s_class character Power/Group classification for the season: P4 or G6 from 2024 on, P5 or G5 through 2023

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_passing(2004))
```

load_espn_cfb_pbp	Load ESPN college football play-by-play from the SportsData-verse data repo
-------------------	--

Description

Loads season-level ESPN-derived college football play-by-play – one row per play with the full EPA/WPA model columns and participant ids, covering 2004 to present. Published to the `espn_cfb_pbp` release tag on the `sportsdataverse-data` repo.

Delineation from the sibling `pbp` loaders: `load_cfb_pbp()` is the classic `cfbfastR` EPA/WPA `pbp` (FBS, 2014+, unchanged); `load_espn_cfb_pbp()` is this ESPN-derived build with deeper history; `load_ncaa_mfb_pbp()` is the `stats.ncaa.org` parse covering FCS and lower divisions (2013+).

Usage

```
load_espn_cfb_pbp(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass <code>seasons = TRUE</code> for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A <code>DBIConnection</code> object, as returned by <code>DBI::dbConnect()</code>
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
season	integer	
game_id	integer	
game_play_number	integer	
pos_team	integer	
def_pos_team	integer	
pos_team_score	integer	
def_pos_team_score	integer	
half	integer	
period	integer	
down	integer	
distance	integer	
EPA	double	
wpa	double	
wp_before	double	
wp_after	double	
def_wp_before	double	
def_wp_after	double	
penalty_detail	character	
yds_penalty	character	
penalty_1st_conv	logical	
def_EPA	double	
rz_play	logical	
scoring_opp	logical	
middle_8	logical	
stuffed_run	logical	
change_of_pos_team	logical	
downs_turnover	logical	
pos_score_diff_start	integer	
pos_score_pts	integer	
home_wp_before	double	
away_wp_before	double	
home_wp_after	double	
away_wp_after	double	
end_of_half	logical	
lead_pos_team	integer	Value of pos_team on the next play, used for sequence-aware derivation
lead_play_type	character	Value of play_type on the next play, used for sequence-aware derivation
lag_pos_team	integer	Value of pos_team on the previous play, used for sequence-aware derivation
orig_play_type	character	
offense_score_play	logical	
defense_score_play	logical	
pos_score_diff	integer	
change_of_poss	logical	
rusher_player_name	character	
yds_rushed	integer	

passer_player_name	character
receiver_player_name	character
yds_receiving	integer
yds_sacked	integer
sack_players	character
sack_player_name	character
sack_player_name2	character
pass_breakup_player_name	character
interception_player_name	character
yds_int_return	integer
fumble_player_name	character
fumble_forced_player_name	character
fumble_recovered_player_name	character
yds_fumble_return	integer
punter_player_name	character
yds_punted	integer
yds_punt_return	integer
yds_punt_gained	integer
punt_block_player_name	character
punt_block_return_player_name	character
fg_kicker_player_name	character
yds_fg	integer
fg_block_player_name	character
fg_return_player_name	character
kickoff_player_name	character
yds_kickoff	integer
yds_kickoff_return	integer
rush	logical
rush_td	logical
pass	logical
pass_td	logical
completion	logical
pass_attempt	logical
target	logical
sack_vec	logical
sack	logical
int	logical
int_td	logical
turnover_vec	logical
kickoff_play	logical
scoring_play	logical
td_play	logical
touchdown	logical
safety	logical
fumble_vec	logical
kickoff_tb	logical
kickoff_onside	logical
kickoff_oob	logical

kickoff_fair_catch	logical	
kickoff_downed	logical	
kickoff_safety	logical	
kick_play	logical	
punt	logical	
punt_play	logical	
punt_tb	logical	
punt_oob	logical	
punt_fair_catch	logical	
punt_downed	logical	
punt_safety	logical	
punt_blocked	logical	
penalty_safety	logical	
fg_made	logical	
fg_make_prob	double	
penalty_flag	logical	
penalty_declined	logical	
penalty_no_play	logical	
penalty_offset	logical	
penalty_text	character	
lead_wp_before2	double	Value of wp_before 2 plays ahead, used for sequence-aware derivati
lead_wp_before	double	Value of wp_before on the next play, used for sequence-aware deriv
lead_pos_team2	integer	Value of pos_team 2 plays ahead, used for sequence-aware derivati
lag_change_of_pos_team	logical	Value of change_of_pos_team on the previous play, used for sequen
lag_pos_score_diff	integer	Value of pos_score_diff on the previous play, used for sequence-aw
id	integer	
sequenceNumber	integer	
text	character	
awayScore	integer	
homeScore	integer	
scoringPlay	logical	ESPN flag marking the play as a scoring play.
priority	logical	
modified	character	
wallclock	character	
teamParticipants	character	
isPenalty	logical	
statYardage	integer	Yardage ESPN credits to the play for statistical purposes.
isTurnover	logical	
type.id	character	ESPN's numeric identifier for the play type.
type.text	character	ESPN's text label for the play type.
type.abbreviation	character	ESPN's abbreviation for the play type.
period.number	integer	Period (quarter) number in which the play occurred.
clock.displayValue	character	Game clock at the play, as the displayed mm:ss string.
start.down	integer	ESPN's down value for the play state at the start of the play.
start.distance	integer	ESPN's distance value for the play state at the start of the play.
start.yardLine	integer	ESPN's yardLine value for the play state at the start of the play.
start.yardsToEndzone	integer	ESPN's yardsToEndzone value for the play state at the start of the p
start.team.id	integer	ESPN's team.id value for the play state at the start of the play.

end.down	integer	ESPN's down value for the play state at the end of the play.
end.distance	integer	ESPN's distance value for the play state at the end of the play.
end.yardLine	integer	ESPN's yardLine value for the play state at the end of the play.
end.yardsToEndzone	integer	ESPN's yardsToEndzone value for the play state at the end of the play.
end.downDistanceText	character	ESPN's downDistanceText value for the play state at the end of the play.
end.shortDownDistanceText	character	ESPN's shortDownDistanceText value for the play state at the end of the play.
end.possessionText	character	ESPN's possessionText value for the play state at the end of the play.
end.team.id	integer	ESPN's team.id value for the play state at the end of the play.
start.downDistanceText	character	ESPN's downDistanceText value for the play state at the start of the play.
start.shortDownDistanceText	character	ESPN's shortDownDistanceText value for the play state at the start of the play.
start.possessionText	character	ESPN's possessionText value for the play state at the start of the play.
scoringType.name	character	ESPN's name for the scoring type (e.g. touchdown, field goal).
scoringType.displayName	character	ESPN's display label for the scoring type.
scoringType.abbreviation	character	ESPN's abbreviation for the scoring type.
pointAfterAttempt.id	double	
pointAfterAttempt.text	character	
pointAfterAttempt.abbreviation	character	
pointAfterAttempt.value	double	
drive.id	character	ESPN's id field for the drive containing this play.
drive.displayResult	character	ESPN's displayResult field for the drive containing this play.
drive.isScore	logical	ESPN's isScore field for the drive containing this play.
drive.team.shortDisplayName	character	ESPN's team.shortDisplayName field for the drive containing this play.
drive.team.displayName	character	ESPN's team.displayName field for the drive containing this play.
drive.team.name	character	ESPN's team.name field for the drive containing this play.
drive.team.abbreviation	character	ESPN's team.abbreviation field for the drive containing this play.
drive.yards	integer	ESPN's yards field for the drive containing this play.
drive.offensivePlays	integer	ESPN's offensivePlays field for the drive containing this play.
drive.result	character	ESPN's result field for the drive containing this play.
drive.description	character	ESPN's description field for the drive containing this play.
drive.shortDisplayResult	character	ESPN's shortDisplayResult field for the drive containing this play.
drive.timeElapsed.displayValue	character	ESPN's timeElapsed.displayValue field for the drive containing this play.
drive.start.period.number	integer	ESPN's start.period.number field for the drive containing this play.
drive.start.period.type	character	ESPN's start.period.type field for the drive containing this play.
drive.start.yardLine	integer	ESPN's start.yardLine field for the drive containing this play.
drive.start.clock.displayValue	character	ESPN's start.clock.displayValue field for the drive containing this play.
drive.start.text	character	ESPN's start.text field for the drive containing this play.
drive.end.period.number	integer	ESPN's end.period.number field for the drive containing this play.
drive.end.period.type	character	ESPN's end.period.type field for the drive containing this play.
drive.end.yardLine	integer	ESPN's end.yardLine field for the drive containing this play.
drive.end.clock.displayValue	character	ESPN's end.clock.displayValue field for the drive containing this play.
seasonType	integer	ESPN season type for the game (2 = regular season, 3 = postseason)
week	integer	
status_type_completed	logical	
homeTeamId	integer	ESPN's home-team Id for the game, stamped on every play.
awayTeamId	integer	ESPN's away-team Id for the game, stamped on every play.
homeTeamName	character	ESPN's home-team Name for the game, stamped on every play.
awayTeamName	character	ESPN's away-team Name for the game, stamped on every play.
homeTeamMascot	character	ESPN's home-team Mascot for the game, stamped on every play.

awayTeamMascot	character	ESPN's away-team Mascot for the game, stamped on every play.
homeTeamAbbrev	character	ESPN's home-team Abbrev for the game, stamped on every play.
awayTeamAbbrev	character	ESPN's away-team Abbrev for the game, stamped on every play.
homeTeamNameAlt	character	ESPN's home-team NameAlt for the game, stamped on every play.
awayTeamNameAlt	character	ESPN's away-team NameAlt for the game, stamped on every play.
gameSpread	double	Point spread used as an input to the win-probability model.
homeFavorite	logical	True when the home team was favoured by the spread.
gameSpreadAvailable	logical	True when a spread was available for the game.
overUnder	double	Over/under total used as a model input.
homeTeamSpread	double	ESPN's home-team Spread for the game, stamped on every play.
clock.minutes	integer	Minutes remaining on the game clock at the play.
clock.seconds	integer	Seconds component of the game clock at the play.
lag_half	integer	Value of half on the previous play, used for sequence-aware derivati
lead_half	integer	Value of half on the next play, used for sequence-aware derivations.
start.TimeSecsRem	integer	ESPN's TimeSecsRem value for the play state at the start of the play
start.adj_TimeSecsRem	integer	ESPN's adj_TimeSecsRem value for the play state at the start of the
lead_text	character	Value of text on the next play, used for sequence-aware derivations.
lead_start_team	character	Value of start_team on the next play, used for sequence-aware deriva
lead_start_yardsToEndzone	integer	Value of start_yardsToEndzone on the next play, used for sequence-
lead_start_down	integer	Value of start_down on the next play, used for sequence-aware deriv
lead_start_distance	integer	Value of start_distance on the next play, used for sequence-aware de
lead_scoringPlay	logical	Value of scoringPlay on the next play, used for sequence-aware deri
text_dupe	logical	True when the play description duplicates the previous row's text.
end_state_missing	logical	
start.pos_team.id	integer	ESPN's pos_team.id value for the play state at the start of the play
start.def_pos_team.id	integer	ESPN's def_pos_team.id value for the play state at the start of the
end.def_pos_team.id	integer	ESPN's def_pos_team.id value for the play state at the end of the
end.pos_team.id	integer	ESPN's pos_team.id value for the play state at the end of the play.
start.pos_team.name	character	ESPN's pos_team.name value for the play state at the start of the pl
start.def_pos_team.name	character	ESPN's def_pos_team.name value for the play state at the start of t
end.pos_team.name	character	ESPN's pos_team.name value for the play state at the end of the pl
end.def_pos_team.name	character	ESPN's def_pos_team.name value for the play state at the end of th
start.is_home	logical	ESPN's is_home value for the play state at the start of the play.
end.is_home	logical	ESPN's is_home value for the play state at the end of the play.
homeTimeoutCalled	logical	True when the home team called a timeout on the play.
awayTimeoutCalled	logical	True when the away team called a timeout on the play.
end.homeTeamTimeouts	integer	ESPN's homeTeamTimeouts value for the play state at the end of the
end.awayTeamTimeouts	integer	ESPN's awayTeamTimeouts value for the play state at the end of the
start.homeTeamTimeouts	integer	ESPN's homeTeamTimeouts value for the play state at the start of th
start.awayTeamTimeouts	integer	ESPN's awayTeamTimeouts value for the play state at the start of th
end.TimeSecsRem	integer	ESPN's TimeSecsRem value for the play state at the end of the play.
end.adj_TimeSecsRem	integer	ESPN's adj_TimeSecsRem value for the play state at the end of the
start.posTeamTimeouts	integer	ESPN's posTeamTimeouts value for the play state at the start of the
start.defPosTeamTimeouts	integer	ESPN's defPosTeamTimeouts value for the play state at the start of
end.posTeamTimeouts	integer	ESPN's posTeamTimeouts value for the play state at the end of the
end.defPosTeamTimeouts	integer	ESPN's defPosTeamTimeouts value for the play state at the end of
firstHalfKickoffTeamId	integer	ESPN id of the team that received the opening kickoff.
start.yard	integer	ESPN's yard value for the play state at the start of the play.

end.yard	integer	ESPN's yard value for the play state at the end of the play.
lag_scoringPlay	logical	Value of scoringPlay on the previous play, used for sequence-aware
down_1	logical	True when it is 1st down at the start of the play.
down_2	logical	True when it is 2nd down at the start of the play.
down_3	logical	True when it is 3rd down at the start of the play.
down_4	logical	True when it is 4th down at the start of the play.
down_1_end	logical	True when it is 1st down at the end of the play.
down_2_end	logical	True when it is 2nd down at the end of the play.
down_3_end	logical	True when it is 3rd down at the end of the play.
down_4_end	logical	True when it is 4th down at the end of the play.
td_check	logical	Internal flag used while reconciling whether the play produced a touch-
forced_fumble	logical	True when the defense forced a fumble on the play.
is_home	logical	
lag_HA_score_diff	integer	Value of HA_score_diff on the previous play, used for sequence-aware
HA_score_diff	integer	Home score minus away score for the play.
net_HA_score_pts	integer	Net points the play added to the home-minus-away score margin.
H_score_diff	integer	Home team's score minus the away team's, from the home perspective.
A_score_diff	integer	Away team's score minus the home team's, from the away perspective.
lag_homeScore	integer	Value of homeScore on the previous play, used for sequence-aware c
lag_awayScore	integer	Value of awayScore on the previous play, used for sequence-aware c
start.homeScore	integer	ESPN's homeScore value for the play state at the start of the play.
start.awayScore	integer	ESPN's awayScore value for the play state at the start of the play.
end.homeScore	integer	ESPN's homeScore value for the play state at the end of the play.
end.awayScore	integer	ESPN's awayScore value for the play state at the end of the play.
start.pos_team_score	integer	ESPN's pos_team_score value for the play state at the start of the p
start.def_pos_team_score	integer	ESPN's def_pos_team_score value for the play state at the start of
start.pos_score_diff	integer	ESPN's pos_score_diff value for the play state at the start of the p
end.pos_team_score	integer	ESPN's pos_team_score value for the play state at the end of the p
end.def_pos_team_score	integer	ESPN's def_pos_team_score value for the play state at the end of
end.pos_score_diff	integer	ESPN's pos_score_diff value for the play state at the end of the p
start.pos_team_receives_2H_kickoff	logical	ESPN's pos_team_receives_2H_kickoff value for the play state a
end.pos_team_receives_2H_kickoff	logical	ESPN's pos_team_receives_2H_kickoff value for the play state a
penalty_in_text	logical	True when the play description mentions a penalty.
pass_breakup	logical	True when a defender broke up the pass.
pass_depth	character	
pass_direction	character	
rush_direction	character	
qb_hurry	logical	
fg_attempt	logical	True when the play was a field-goal attempt.
pos_unit	character	
def_pos_unit	character	
sp	logical	
play	logical	
cleaned_text	character	
kneel_down	logical	
scrimmage_play	logical	True when the play is a play from scrimmage rather than a special-t
pos_score_diff_end	integer	Score differential from the possessing team's perspective at the end
fumble_lost	logical	

fumble_recovered	logical	True when a fumble on the play was recovered.
field_goal_result	character	
extra_point_result	character	
two_point_conv_result	character	
air_yardsToEndzone	integer	
air_yards	integer	
yards_after_catch	integer	
kicking_team	integer	
return_team	integer	
fumble_or_muff	logical	
recovery_team	integer	
recovery_team_2	integer	
fumbling_team	integer	
int_turnover	logical	
pos_fumble_lost	logical	
def_fumble_lost	logical	
is_pos_team_turnover	logical	
is_def_pos_team_turnover	logical	
is_turnover	logical	
turnover_team	integer	
is_st_turnover	logical	
is_blocked_punt_turnover	logical	
is_blocked_fg_turnover	logical	
sack_team	integer	
interception_team	integer	
pass_breakup_team	integer	
forced_fumble_team	integer	
fumble_recovery_team	integer	
punt_return_team	integer	
kick_return_team	integer	
fg_team	integer	
punt_team	integer	
penalized_team	integer	
penalty_yards_signed	integer	
new_down	integer	Down after the play, including any penalty enforcement.
new_distance	integer	Distance to go after the play, including any penalty enforcement.
under_2	logical	
goal_to_go	logical	
stopped_run	logical	True when the rush was stopped at or behind the line of scrimmage.
opportunity_run	logical	True when a rush reached 4 yards – the carries on which the blocking was sufficient to stop the rush.
highlight_run	logical	True when the rush gained 8 or more yards.
adj_rush_yardage	integer	Rushing yards capped at 8, the input to the line-yards decomposition.
line_yards	double	Yards credited to the offensive line on a rush, using the standard slicing method.
second_level_yards	double	Rushing yards earned from 4 to 8, split evenly between line and carrier.
open_field_yards	integer	Rushing yards gained beyond 8, credited to the ball carrier rather than the line.
highlight_yards	double	Second-level plus open-field yards – the yardage credited to the carrier.
opp_highlight_yards	double	Highlight yards earned on opportunity runs, isolating carrier production.
short_rush_success	logical	True when a short-yardage rush gained the yardage needed.

short_rush_attempt	logical	True when the play is a rush in a short-yardage situation.
power_rush_success	logical	True when a power rushing attempt gained the yardage needed.
power_rush_attempt	logical	True when the play is a short-yardage power rushing attempt.
early_down	logical	True when the play is a scrimmage play on first or second down.
late_down	logical	True when the play is a scrimmage play on third or fourth down.
early_down_pass	logical	True when the play is a pass on an early down.
early_down_rush	logical	True when the play is a rush on an early down.
late_down_pass	logical	True when the play is a pass on a late down.
late_down_rush	logical	True when the play is a rush on a late down.
standard_down	logical	True when the offense is on schedule for the series – first down, second down.
passing_down	logical	True when the offense is behind schedule for the series – second down, third down.
TFL	logical	True when the play was a tackle for loss.
TFL_pass	logical	True when the play was a tackle for loss on a pass play (a sack).
TFL_rush	logical	True when the play was a tackle for loss on a rush play.
havoc	logical	True when the defense disrupted the play: a pass breakup, tackle for loss, etc.
start.pos_team_spread	double	ESPN's pos_team_spread value for the play state at the start of the play.
start.elapsed_share	double	ESPN's elapsed_share value for the play state at the start of the play.
start.spread_time	double	ESPN's spread_time value for the play state at the start of the play.
end.pos_team_spread	double	ESPN's pos_team_spread value for the play state at the end of the play.
end.elapsed_share	double	ESPN's elapsed_share value for the play state at the end of the play.
end.spread_time	double	ESPN's spread_time value for the play state at the end of the play.
penalty_assessed_on_kickoff	logical	True when a penalty was assessed on the play.
start.yardsToEndzone.touchback	integer	ESPN's yardsToEndzone.touchback value for the play state at the start of the play.
EP_start_touchback	double	Expected points the offense would have had from a touchback on the play.
EP_start	double	Expected points for the offense at the start of the play.
EP_end	double	Expected points for the offense at the end of the play.
lag_EP_end	double	Value of EP_end on the previous play, used for sequence-aware derivations.
EP_between	double	Change in expected points across the play, before penalty adjustments.
EPA_scrimmage	double	EPA credited to the play on plays from scrimmage.
EPA_rush	double	EPA credited to the play on rush plays.
EPA_pass	double	EPA credited to the play on pass plays.
EPA_explosive	logical	True when the play was explosive.
EPA_non_explosive	double	EPA credited to the play on non-explosive plays.
EPA_explosive_pass	logical	True when the pass play was explosive.
EPA_explosive_rush	logical	True when the rush play was explosive.
first_down_created	logical	True when the play produced a first down for the offense.
EPA_success	logical	True when the play was successful by EPA.
EPA_success_early_down	logical	True when the play on an early down was successful by EPA.
EPA_success_early_down_pass	logical	True when the pass play on an early down was successful by EPA.
EPA_success_early_down_rush	logical	True when the rush play on an early down was successful by EPA.
EPA_success_late_down	logical	True when the play on a late down was successful by EPA.
EPA_success_late_down_pass	logical	True when the pass play on a late down was successful by EPA.
EPA_success_late_down_rush	logical	True when the rush play on a late down was successful by EPA.
EPA_success_standard_down	logical	True when the play on a standard down was successful by EPA.
EPA_success_passing_down	logical	True when the play on a passing down was successful by EPA.
EPA_success_pass	logical	True when the pass play was successful by EPA.
EPA_success_rush	logical	True when the rush play was successful by EPA.
EPA_success_EPA	double	EPA on successful plays.

EPA_success_standard_down_EPA	double	EPA on successful plays on a standard down.
EPA_success_passing_down_EPA	double	EPA on successful plays on a passing down.
EPA_success_pass_EPA	double	EPA on successful pass plays.
EPA_success_rush_EPA	double	EPA on successful rush plays.
EPA_middle_8_success	logical	True when the play in the middle eight was successful by EPA.
EPA_middle_8_success_pass	logical	True when the pass play in the middle eight was successful by EPA.
EPA_middle_8_success_rush	logical	True when the rush play in the middle eight was successful by EPA.
EPA_penalty	double	EPA credited to the play attributable to penalties.
EPA_sp	double	EPA credited to the play on special-teams plays.
EPA_fg	double	EPA credited to the play on field-goal attempts.
EPA_punt	double	EPA credited to the play on punt plays.
EPA_kickoff	double	EPA credited to the play on kickoff plays.
start.ExpScoreDiff_touchback	double	ESPN's ExpScoreDiff_touchback value for the play state at the start of the play.
start.ExpScoreDiff	double	ESPN's ExpScoreDiff value for the play state at the start of the play.
start.ExpScoreDiff_Time_Ratio_touchback	double	ESPN's ExpScoreDiff_Time_Ratio_touchback value for the play state at the start of the play.
start.ExpScoreDiff_Time_Ratio	double	ESPN's ExpScoreDiff_Time_Ratio value for the play state at the start of the play.
end.ExpScoreDiff	double	ESPN's ExpScoreDiff value for the play state at the end of the play.
end.ExpScoreDiff_Time_Ratio	double	ESPN's ExpScoreDiff_Time_Ratio value for the play state at the end of the play.
wp_touchback	double	Win probability the offense would have had starting from a touchback.
wp_before_naive	double	
wp_touchback_naive	double	
wp_after_naive	double	
def_wp_before_naive	double	
home_wp_before_naive	double	
away_wp_before_naive	double	
lead_wp_before_naive	double	
lead_wp_before2_naive	double	
def_wp_after_naive	double	
home_wp_after_naive	double	
away_wp_after_naive	double	
wpa_naive	double	
cp	double	
cpoe	double	
era	integer	
xpass	double	
pass_oe	double	
drive_start	double	Yard line at which the drive began.
drive_stopped	logical	True when the play ended the drive.
drive_play_index	integer	Sequence number of the play within its drive.
drive_offense_plays	integer	Offensive plays run on the drive.
prog_drive_EPA	double	Cumulative EPA accrued by the drive up to and including this play.
prog_drive_WPA	double	Cumulative win-probability added by the drive up to and including this play.
drive_offense_yards	integer	Offensive yards gained on the drive.
drive_total_yards	integer	Total yards gained on the drive.
qbr_epa	double	EPA variant used as an input to the QBR calculation.
weight	double	
non_fumble_sack	logical	True when the play was a sack that did not produce a fumble.
sack_epa	double	EPA credited to the play when it is a sack.

pass_epa	double	EPA credited to the play when it is a pass.
rush_epa	double	EPA credited to the play when it is a rush.
pen_epa	double	EPA attributable to a penalty on the play.
sack_weight	double	Weighting applied to the sack component of the play.
pass_weight	double	Weighting applied to the pass component of the play.
rush_weight	double	Weighting applied to the rush component of the play.
pen_weight	double	Weighting applied to the penalty component of the play.
action_play	logical	True when the play advanced the game state – excludes timeouts, etc.
athlete_name	character	
rusher_player_id	integer	
passer_player_id	integer	
receiver_player_id	integer	
fumble_player_id	integer	
sack_player_id	integer	
sack_player_id2	integer	
interception_player_id	integer	
pass_breakup_player_id	integer	
fumble_forced_player_id	integer	
fumble_recovered_player_id	integer	
fg_kicker_player_id	integer	
punter_player_id	integer	
kickoff_player_id	integer	
kickoff_return_player_id	integer	
punt_return_player_id	integer	
fg_block_player_id	integer	
punt_block_player_id	integer	
fg_return_player_id	integer	
punt_block_return_player_id	character	
go_wp	double	
first_down_prob	double	
wp_succeed	double	
wp_fail	double	
make_fg_wp	double	
miss_fg_wp	double	
fg_wp	double	
punt_wp	double	
go_boost	double	
go_wp_diff	double	
fg_wp_diff	double	
punt_wp_diff	double	
fourth_down_recommendation	character	
two_pt_wp	double	
xp_wp	double	
prob_2pt	double	
two_pt_recommendation	character	
two_pt_wp_diff	double	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_pbp(2004))
```

```
load_espn_cfb_percentiles
```

Load college football team percentile profiles from the Sports-Dataverse data repo

Description

Loads season-level team percentile profiles – one row per team with league-percentile placements across the summary metrics. Published to the `espn_cfb_percentiles` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_percentiles(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

<code>seasons</code>	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass <code>seasons = TRUE</code> for every published season. (Min: 2004)
<code>...</code>	Additional arguments passed to an underlying function that writes the season data into a database.
<code>dbConnection</code>	A <code>DBIConnection</code> object, as returned by <code>DBI::dbConnect()</code>
<code>tablename</code>	The name of the data table within the database

Value

Returns a `cfbfaster_data` tibble.

col_name	types	description
<code>pctile</code>	double	Percentile bucket the row reports, from 0 to 100.
<code>GEI</code>	double	Value of game excitement index at the percentile this row reports.
<code>EPAplay</code>	double	Value of EPA generated per play at the percentile this row reports.

pass_success	double	Value of success rate on pass plays at the percentile this row reports.
rush_success	double	Value of success rate on rush plays at the percentile this row reports.
early_down_success	double	Value of success rate on early downs at the percentile this row reports.
early_down_EPA	double	Value of EPA per early-down play at the percentile this row reports.
late_down_success	double	Value of success rate on late downs at the percentile this row reports.
success	double	Value of success rate across the team plays at the percentile this row reports.
yardsplay	double	Value of yards per play at the percentile this row reports.
dropbacks	double	Value of dropbacks taken by the passer at the percentile this row reports.
rushes	double	Value of rushing attempts at the percentile this row reports.
EPAdropback	double	Value of EPA generated per dropback at the percentile this row reports.
EPArush	double	Value of EPA generated per rushing attempt at the percentile this row reports.
yardsdropback	double	Value of yards per dropback at the percentile this row reports.
pass_explosive	double	Value of explosive-play rate on pass plays at the percentile this row reports.
rush_explosive	double	Value of explosive-play rate on rush plays at the percentile this row reports.
explosive	double	Value of explosive-play rate at the percentile this row reports.
third_down_success	double	Value of success rate on third down at the percentile this row reports.
red_zone_success	double	Value of success rate in the red zone at the percentile this row reports.
play_stuffed	double	Value of stuffed-play rate at the percentile this row reports.
nonExplosiveEpaPerPlay	double	Value of EPA per play excluding explosive plays at the percentile this row reports.
havoc	double	Value of havoc rate at the percentile this row reports.
yardsrush	double	Value of yards per rush at the percentile this row reports.
lineyards	double	Value of line yards per rush at the percentile this row reports.
opportunity_run	double	Value of opportunity-run rate at the percentile this row reports.
third_down_distance	double	Value of average yards to go on third down at the percentile this row reports.

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_percentiles(2004))
```

```
load_espn_cfb_player_box
```

Load ESPN college football player box scores from the Sports-Dataverse data repo

Description

Loads season-level player box scores – one row per player-game- category with the stat lines ESPN publishes per game. Published to the espn_cfb_player_box release tag on the sportsdataverse-data repo.

Usage

```
load_espn_cfb_player_box(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)

... Additional arguments passed to an underlying function that writes the season data into a database.

dbConnection A DBIConnection object, as returned by [DBI::dbConnect\(\)](#)

tablename The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
stat_1	character	First value of ESPN's raw athlete stats array, written only when the category is stat_1.
stat_2	character	Second value of ESPN's raw athlete stats array, written only on rows where stat_1 is not NULL.
stat_3	character	Third value of ESPN's raw athlete stats array, written only on rows where stat_1 and stat_2 are not NULL.
stat_4	character	Fourth value of ESPN's raw athlete stats array, written only on rows where stat_1, stat_2, and stat_3 are not NULL.
stat_5	character	Fifth value of ESPN's raw athlete stats array, written only on rows where stat_1, stat_2, stat_3, and stat_4 are not NULL.
category	character	Category of the athlete's performance.
athlete_id	integer	Unique identifier for the athlete.
athlete_name	character	Full name of the athlete.
jersey	character	Jersey number of the athlete.
team_id	integer	Unique identifier for the team.
rushingAttempts	character	Rushing attempts.
rushingYards	character	Net rushing yards gained.
yardsPerRushAttempt	character	Yards gained per rushing attempt.
rushingTouchdowns	character	Rushing touchdowns.
longRushing	character	Longest rush of the game, in yards.
receptions	character	Receptions.
receivingYards	character	Receiving yards gained.
yardsPerReception	character	Yards gained per reception.
receivingTouchdowns	character	Receiving touchdowns.
longReception	character	Longest reception of the game, in yards.
fumbles	character	Fumbles.
fumblesLost	character	Fumbles lost.
fumblesRecovered	character	Fumbles recovered.
kickReturns	character	Kick returns.

kickReturnYards	character	
yardsPerKickReturn	character	
longKickReturn	character	
kickReturnTouchdowns	character	
puntReturns	character	Punt returns attempted.
puntReturnYards	character	Yards gained on punt returns.
yardsPerPuntReturn	character	Yards gained per punt return.
longPuntReturn	character	Longest punt return of the game, in yards.
puntReturnTouchdowns	character	Touchdowns scored on punt returns.
fieldGoalsMade/fieldGoalAttempts	character	Field goals made and attempted, as ESPN's combined string.
fieldGoalPct	character	Field-goal percentage.
longFieldGoalMade	character	Longest field goal made, in yards.
extraPointsMade/extraPointAttempts	character	Extra points made and attempted, as ESPN's combined string.
totalKickingPoints	character	Total points scored by kicking.
punts	character	Punts attempted.
puntYards	character	Total punt yards.
grossAvgPuntYards	character	Gross average yards per punt, before return yardage.
touchbacks	character	Punts or kickoffs that resulted in a touchback.
puntsInside20	character	Punts downed inside the opponent 20-yard line.
longPunt	character	Longest punt of the game, in yards.
game_id	integer	
season	integer	
interceptions	character	
interceptionYards	character	Yards returned on interceptions.
interceptionTouchdowns	character	Touchdowns scored on interception returns.
totalTackles	character	
soloTackles	character	
sacks	character	
tacklesForLoss	character	
passesDefended	character	
hurries	character	
defensiveTouchdowns	character	
completions/passingAttempts	character	Completions and pass attempts, as ESPN's combined string.
passingYards	character	Net passing yards gained.
yardsPerPassAttempt	character	Yards gained per pass attempt.
passingTouchdowns	character	Passing touchdowns.
adjQBR	character	Adjusted Total QBR for the quarterback.

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_player_box(2004))
```

load_espn_cfb_play_participants

Load ESPN college football play participants from the Sports-Dataverse data repo

Description

Loads season-level per-play participants – one row per play- participant with role type and ESPN athlete id, the join partner for play-level attribution. Published to the `espn_cfb_play_participants` release tag on the `sportsdataverse-` data repo.

Usage

```
load_espn_cfb_play_participants(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

<code>seasons</code>	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2014 through the most recent season. Pass <code>seasons = TRUE</code> for every published season. (Min: 2014)
<code>...</code>	Additional arguments passed to an underlying function that writes the season data into a database.
<code>dbConnection</code>	A <code>DBIConnection</code> object, as returned by <code>DBI::dbConnect()</code>
<code>tablename</code>	The name of the data table within the database

Value

Returns a `cfbfastR_data` tibble.

col_name	types	description
<code>game_id</code>	integer	
<code>play_id</code>	integer	
<code>kicker_player_name</code>	character	Display name of the kicker – the FIRST participant in that role on the play.
<code>tackler_player_name</code>	character	Display name of a defender credited with the tackle – the FIRST participant in the play.
<code>returner_player_name</code>	character	Display name of the player returning the kick or punt – the FIRST participant in the play.
<code>rusher_player_name</code>	character	Display name of the ball carrier on a rush – the FIRST participant in that role on the play.
<code>passer_player_name</code>	character	Display name of the passer – the FIRST participant in that role on the play.
<code>receiver_player_name</code>	character	Display name of the targeted receiver – the FIRST participant in that role on the play.
<code>punter_player_name</code>	character	Display name of the punter – the FIRST participant in that role on the play.
<code>assisted_by_player_name</code>	character	Display name of a defender credited with an assisted tackle – the FIRST participant in that role on the play.
<code>penalized_player_name</code>	character	Display name of the penalized player – the FIRST participant in that role on the play.

scorer_player_name	character	Display name of the player credited with the score – the FIRST participant in that role on the play.
pat_scorer_player_name	character	Display name of the player credited with the point-after score – the FIRST participant in that role on the play.
sacked_by_player_name	character	Display name of a defender credited with the sack – the FIRST participant in that role on the play.
kicker_player_id	character	ESPN athlete id of the kicker – the FIRST participant in that role on the play.
tackler_player_id	character	ESPN athlete id of a defender credited with the tackle – the FIRST participant in that role on the play.
returner_player_id	character	ESPN athlete id of the player returning the kick or punt – the FIRST participant in that role on the play.
rusher_player_id	character	ESPN athlete id of the ball carrier on a rush – the FIRST participant in that role on the play.
passer_player_id	character	ESPN athlete id of the passer – the FIRST participant in that role on the play.
receiver_player_id	character	ESPN athlete id of the targeted receiver – the FIRST participant in that role on the play.
punter_player_id	character	ESPN athlete id of the punter – the FIRST participant in that role on the play.
assisted_by_player_id	character	ESPN athlete id of a defender credited with an assisted tackle – the FIRST participant in that role on the play.
penalized_player_id	character	ESPN athlete id of the penalized player – the FIRST participant in that role on the play.
scorer_player_id	character	ESPN athlete id of the player credited with the score – the FIRST participant in that role on the play.
pat_scorer_player_id	character	ESPN athlete id of the player credited with the point-after score – the FIRST participant in that role on the play.
sacked_by_player_id	character	ESPN athlete id of a defender credited with the sack – the FIRST participant in that role on the play.
kicker_player_names	character	List of the display names of EVERY participant credited as the kicker on the play.
tackler_player_names	character	List of the display names of EVERY participant credited as a defender credited with the tackle on the play.
returner_player_names	character	List of the display names of EVERY participant credited as the player returning the kick or punt on the play.
rusher_player_names	character	List of the display names of EVERY participant credited as the ball carrier on a rush on the play.
passer_player_names	character	List of the display names of EVERY participant credited as the passer on the play.
receiver_player_names	character	List of the display names of EVERY participant credited as the targeted receiver on the play.
punter_player_names	character	List of the display names of EVERY participant credited as the punter on the play.
assisted_by_player_names	character	List of the display names of EVERY participant credited as a defender credited with an assisted tackle on the play.
penalized_player_names	character	List of the display names of EVERY participant credited as the penalized player on the play.
scorer_player_names	character	List of the display names of EVERY participant credited as the player credited with the score on the play.
pat_scorer_player_names	character	List of the display names of EVERY participant credited as the player credited with the point-after score on the play.
sacked_by_player_names	character	List of the display names of EVERY participant credited as a defender credited with the sack on the play.
kicker_player_ids	character	List of the athlete ids of EVERY participant credited as the kicker on the play, so long as they are credited with the kick.
tackler_player_ids	character	List of the athlete ids of EVERY participant credited as a defender credited with the tackle on the play.
returner_player_ids	character	List of the athlete ids of EVERY participant credited as the player returning the kick or punt on the play.
rusher_player_ids	character	List of the athlete ids of EVERY participant credited as the ball carrier on a rush on the play.
passer_player_ids	character	List of the athlete ids of EVERY participant credited as the passer on the play, so long as they are credited with the pass.
receiver_player_ids	character	List of the athlete ids of EVERY participant credited as the targeted receiver on the play.
punter_player_ids	character	List of the athlete ids of EVERY participant credited as the punter on the play, so long as they are credited with the punt.
assisted_by_player_ids	character	List of the athlete ids of EVERY participant credited as a defender credited with an assisted tackle on the play.
penalized_player_ids	character	List of the athlete ids of EVERY participant credited as the penalized player on the play.
scorer_player_ids	character	List of the athlete ids of EVERY participant credited as the player credited with the score on the play.
pat_scorer_player_ids	character	List of the athlete ids of EVERY participant credited as the player credited with the point-after score on the play.
sacked_by_player_ids	character	List of the athlete ids of EVERY participant credited as a defender credited with the sack on the play.
season	integer	
week	integer	
pass_defender_player_name	character	Display name of the defender credited with defending the pass – the FIRST participant in that role on the play.
pass_defender_player_id	character	ESPN athlete id of the defender credited with defending the pass – the FIRST participant in that role on the play.
pass_defender_player_names	character	List of the display names of EVERY participant credited as the defender credited with the pass.
pass_defender_player_ids	character	List of the athlete ids of EVERY participant credited as the defender credited with the pass.
recoverer_player_name	character	Display name of the player who recovered the fumble – the FIRST participant in that role on the play.
fumbler_player_name	character	Display name of the player who fumbled the ball – the FIRST participant in that role on the play.
recoverer_player_id	character	ESPN athlete id of the player who recovered the fumble – the FIRST participant in that role on the play.

fumbler_player_id	character	
recoverer_player_names	character	List of the display names of EVERY participant credited as the player who recovered
fumbler_player_names	character	
recoverer_player_ids	character	List of the athlete ids of EVERY participant credited as the player who recovered
fumbler_player_ids	character	
forced_by_player_name	character	Display name of the defender who forced the fumble – the FIRST participant in the
forced_by_player_id	character	ESPN athlete id of the defender who forced the fumble – the FIRST participant in the
forced_by_player_names	character	List of the display names of EVERY participant credited as the defender who forced the
forced_by_player_ids	character	List of the athlete ids of EVERY participant credited as the defender who forced the
pat_passer_player_name	character	Display name of the passer on the point-after attempt – the FIRST participant in the
pat_passer_player_id	character	ESPN athlete id of the passer on the point-after attempt – the FIRST participant in the
pat_passer_player_names	character	List of the display names of EVERY participant credited as the passer on the point-after
pat_passer_player_ids	character	List of the athlete ids of EVERY participant credited as the passer on the point-after

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_play_participants(2014))
```

load_espn_cfb_power_index	Load ESPN college football FPI power index from the SportsData-verse data repo
---------------------------	---

Description

Loads season-level ESPN FPI power-index snapshots – one row per team with FPI rating, projected wins, and efficiency components. Published to the `espn_cfb_power_index` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_power_index(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2015 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2015)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by <code>DBI::dbConnect()</code>
tablename	The name of the data table within the database

Value

Returns a `cfbfastR_data` tibble.

col_name	types	description
season	integer	
game_id	integer	
team_id	integer	
teampredptdiff	double	Expected margin of victory for the FPI favorite.
gameprojection	double	Team's predicted win percentage in this game at time of given BPI run.
matchupquality	double	A measure of projected competitiveness and excitement in the game, using a 0 to 100 scale, with 100 being the highest.
teamadjgamescore	double	A measure of how well a team performed compared to their expected performance and the expected performance of the opponent.

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_power_index(2015))
```

load_espn_cfb_receiving	Load college football receiving EPA splits from the SportsData-verse data repo
-------------------------	---

Description

Loads season-level receiving EPA splits – one row per team with target, catch, and yards-after-catch aggregates. Published to the `espn_cfb_receiving` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_receiving(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)

... Additional arguments passed to an underlying function that writes the season data into a database.

dbConnection A DBIConnection object, as returned by [DBI::dbConnect\(\)](#)

tablename The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
team_id	integer	
pos_team	character	
division	character	
conference	character	
season	integer	
player_id	integer	
receiver_player_name	character	Display name of the targeted receiver – the FIRST participant in that role on the play.
plays	integer	
games	integer	
team_games	integer	Games the team played, used as the per-game denominator.
TEPA	double	Total EPA summed over every play.
EPAplay	double	EPA generated per play.
yards	integer	
success	double	Success rate across the team plays.
comp	integer	Completed passes.
targets	integer	
passing_td	double	
fumbles	double	Count of the receiver's targeted pass plays across the season whose play text mentions a fumble.
playsgame	double	Plays per game.
EPAgame	double	EPA generated per game.
yardsplay	double	Yards per play.
yardsgame	double	Yards per game.
catchpct	double	Catch rate on a 0-to-1 scale, receptions divided by targets for the season.
TEPA_rank	double	National rank of the team's total EPA summed over every play, where 1 is best.

EPAgame_rank	double	National rank of the team’s EPA generated per game, where 1 is best.
EPAplay_rank	double	National rank of the team’s EPA generated per play, where 1 is best.
success_rank	double	National rank of the team’s success rate across the team plays, where 1 is best.
catchpct_rank	double	Season rank of catchpct with the best catch rate first, computed only for receivers clearing
yards_rank	double	National rank of the team’s total yards, where 1 is best.
yardsplay_rank	double	National rank of the team’s yards per play, where 1 is best.
yardsgame_rank	double	National rank of the team’s yards per game, where 1 is best.
fbs_class	character	Power/Group classification for the season: P4 or G6 from 2024 on, P5 or G5 through 202

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_receiving(2004))
```

load_espn_cfb_rushing	Load college football rushing EPA splits from the SportsDataverse data repo
-----------------------	--

Description

Loads season-level rushing EPA splits – one row per team (offense and defense views) with rush EPA, success, line yards, and stuff-rate aggregates. Published to the espn_cfb_rushing release tag on the sportsdataverse-data repo.

Usage

```
load_espn_cfb_rushing(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
team_id	integer	
pos_team	character	
division	character	
conference	character	
season	integer	
player_id	integer	
rusher_player_name	character	Display name of the ball carrier on a rush – the FIRST participant in that role on the play.
plays	integer	
games	integer	
team_games	integer	Games the team played, used as the per-game denominator.
TEPA	double	Total EPA summed over every play.
EPAplay	double	EPA generated per play.
yards	integer	
success	double	Success rate across the team plays.
rushing_td	double	
fumbles	double	Count of the ball carrier’s rush attempts across the season whose play text mentions a fumble.
playsgame	double	Plays per game.
EPAgame	double	EPA generated per game.
yardsplay	double	Yards per play.
yardsgame	double	Yards per game.
TEPA_rank	double	National rank of the team’s total EPA summed over every play, where 1 is best.
EPAgame_rank	double	National rank of the team’s EPA generated per game, where 1 is best.
EPAplay_rank	double	National rank of the team’s EPA generated per play, where 1 is best.
success_rank	double	National rank of the team’s success rate across the team plays, where 1 is best.
yards_rank	double	National rank of the team’s total yards, where 1 is best.
yardsplay_rank	double	National rank of the team’s yards per play, where 1 is best.
yardsgame_rank	double	National rank of the team’s yards per game, where 1 is best.
fbs_class	character	Power/Group classification for the season: P4 or G6 from 2024 on, P5 or G5 through 2023

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_rushing(2004))
```

Description

Loads season-level college football schedules built from the ESPN events API by the cfbfastR-cfb-data pipeline. One row per game with date/venue/broadcast metadata, team ids and names, scores, and status fields. Published to the espn_cfb_schedules release tag on the sportsdataverse-data repo.

Usage

```
load_espn_cfb_schedules(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

- seasons A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)
- ... Additional arguments passed to an underlying function that writes the season data into a database.
- dbConnection A DBIConnection object, as returned by [DBI::dbConnect\(\)](#)
- tablename The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
game_id	integer	
season	integer	
week	integer	
season_type	integer	
game_date	character	
neutral_site	logical	
conference_competition	logical	
home_id	integer	
away_id	integer	
home_team	character	
away_team	character	
home_abbreviation	character	
away_abbreviation	character	
home_score	character	
away_score	character	
home_winner	logical	
away_winner	logical	
venue	character	

attendance	character
status	character

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_schedules(2004))
```

load_espn_cfb_team_box

Load ESPN college football team box scores from the SportsData-verse data repo

Description

Loads season-level team box scores – one row per team-game with scoring, team statistics, and opponent context. Published to the `espn_cfb_team_box` release tag on the `sportsdataverse-data` repo.

Usage

```
load_espn_cfb_team_box(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

- | | |
|--------------|---|
| seasons | A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass <code>seasons = TRUE</code> for every published season. (Min: 2004) |
| ... | Additional arguments passed to an underlying function that writes the season data into a database. |
| dbConnection | A <code>DBIConnection</code> object, as returned by DBI::dbConnect() |
| tablename | The name of the data table within the database |

Value

Returns a cfbfastR_data tibble.

col_name	types	description
firstDowns	character	Total first downs ESPN credits the team, carried verbatim from the box score as a string.
thirdDownEff	character	Third-down efficiency as ESPN’s conversions-attempts string, for example 5-15.
fourthDownEff	character	Fourth-down efficiency as a conversions-attempts string, for example 3-4.
totalYards	character	Total offensive yards for the team, matching rushingYards plus netPassingYards in about
netPassingYards	character	Passing yards after yardage lost to sacks is deducted, the numerator behind yardsPerPass.
completionAttempts	character	Completions and pass attempts as a slash-separated string, for example 23/41.
yardsPerPass	character	Net passing yards per pass attempt, netPassingYards divided by the attempt count in com
rushingYards	character	Net rushing yards gained.
rushingAttempts	character	Rushing attempts.
yardsPerRushAttempt	character	Yards gained per rushing attempt.
totalPenaltiesYards	character	Penalties and penalty yards as a hyphen-separated string, for example 7-64.
turnovers	character	
fumblesLost	character	Number of fumbles the team lost to the opponent, carried as a string.
interceptions	character	
possessionTime	character	Time of possession as mm:ss; the two teams’ values add up to 60 minutes in a regulation
team_id	integer	
team_abbreviation	character	
team_name	character	
home_away	character	
game_id	integer	
season	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_team_box(2004))
```

load_espn_cfb_team_summaries

Load college football team season summaries from the Sports-Dataverse data repo

Description

Loads season-level team summaries – one row per team with the full offense/defense/special-teams EPA and success-rate profile. Published to the espn_cfb_team_summaries release tag on the sportsdataverse-data repo.

Usage

```
load_espn_cfb_team_summaries(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons A vector of 4-digit years associated with given college football seasons. Published coverage runs 2004 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2004)

... Additional arguments passed to an underlying function that writes the season data into a database.

dbConnection A DBIConnection object, as returned by [DBI::dbConnect\(\)](#)

tablename The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
team_id	integer	
pos_team	character	
division	character	
conference	character	
season	integer	
plays_off	integer	Plays run, with the team on offense.
passrate_off	double	Share of plays that were pass plays, with the team on offense.
rushrate_off	double	Share of plays that were rush plays, with the team on offense.
havoc_off	double	Havoc rate – the share of plays carrying the defensive-disruption flag, with the team on offense.
explosive_off	double	Explosive-play rate – the share of plays carrying the explosive flag, with the team on offense.
TEPA_off	double	Total EPA summed over every play, with the team on offense.
EPAplay_off	double	EPA per play, with the team on offense.
yards_off	integer	Total yards gained, with the team on offense.
yardsplay_off	double	Yards gained per play, with the team on offense.
play_stuffed_off	double	Stuffed-play rate – the share of plays carrying the stuffed flag, with the team on offense.
success_off	double	Success rate – the share of plays flagged as successful by EPA, with the team on offense.
red_zone_success_off	double	Success rate on red-zone plays, with the team on offense.
third_down_success_off	double	Success rate on third-down plays, with the team on offense.
third_down_distance_off	double	Average yards to go on third down, with the team on offense.
late_down_success_off	double	Success rate on late-down plays, with the team on offense.
early_down_EPA_off	double	EPA per early-down play, with the team on offense.
start_position_off	double	Average drive start position, measured in yards from the opponent goal line, with the team on offense.
nonExplosiveEpaPerPlay_off	double	EPA per play with explosive plays excluded, with the team on offense.
line_yards_off	double	Average line yards credited to the offensive line on rushes, with the team on offense.

opportunity_rate_off	double	Opportunity rate – the share of rushes carrying the opportunity flag, with the team on offense.
playsgame_off	double	Plays run per game, with the team on offense.
EPAdrive_off	double	EPA per drive (total EPA divided by drives), with the team on offense.
EPAgame_off	double	EPA per game (total EPA divided by games), with the team on offense.
yardsgame_off	double	Yards gained per game, with the team on offense.
drives_off	integer	Offensive drives, with the team on offense.
drivesgame_off	double	Drives per game, with the team on offense.
yardsdrive_off	double	Yards gained per drive, with the team on offense.
playsdrive_off	double	Plays run per drive, with the team on offense.
playsgame_off_rank	double	National rank of the team's plays run per game with the team on offense.
TEPA_off_rank	double	National rank of the team's total EPA summed over every play with the team on offense.
EPAgame_off_rank	double	National rank of the team's EPA per game (total EPA divided by games) with the team on offense.
EPAdrive_off_rank	double	National rank of the team's EPA per play with the team on offense, with the team on offense.
early_down_EPA_off_rank	double	National rank of the team's EPA per drive (total EPA divided by drives) with the team on offense.
success_off_rank	double	National rank of the team's EPA per early-down play with the team on offense.
yards_off_rank	double	National rank of the team's success rate – the share of plays flagged as successful by EPA, with the team on offense.
yardsplay_off_rank	double	National rank of the team's total yards gained with the team on offense.
yardsgame_off_rank	double	National rank of the team's yards gained per play with the team on offense.
drivesgame_off_rank	double	National rank of the team's yards gained per game with the team on offense.
yardsdrive_off_rank	double	National rank of the team's drives per game with the team on offense.
playsdrive_off_rank	double	National rank of the team's yards gained per drive with the team on offense.
play_stuffed_off_rank	double	National rank of the team's plays run per drive with the team on offense.
red_zone_success_off_rank	double	National rank of the team's stuffed-play rate – the share of plays carrying the stuffed flag, with the team on offense.
third_down_success_off_rank	double	National rank of the team's success rate on red-zone plays with the team on offense.
late_down_success_off_rank	double	National rank of the team's success rate on third-down plays with the team on offense.
third_down_distance_off_rank	double	National rank of the team's success rate on late-down plays with the team on offense.
start_position_off_rank	double	National rank of the team's average yards to go on third down with the team on offense.
havoc_off_rank	double	National rank of the team's average drive start position, measured in yards.
explosive_off_rank	double	National rank of the team's havoc rate – the share of plays carrying the defensive-disruption flag, with the team on offense.
passrate_off_rank	double	National rank of the team's explosive-play rate – the share of plays carrying the explosive flag, with the team on offense.
rushrate_off_rank	double	National rank of the team's share of plays that were pass plays with the team on offense.
nonExplosiveEpaPerPlay_off_rank	double	National rank of the team's share of plays that were rush plays with the team on offense.
line_yards_off_rank	double	National rank of the team's EPA per play with explosive plays excluded.
opportunity_rate_off_rank	double	National rank of the team's average line yards credited to the offensive line.
plays_def	integer	National rank of the team's opportunity rate – the share of rushes carrying the opportunity flag, with the team on defense (i.e. allowed to opponents).
passrate_def	double	Plays run, with the team on defense (i.e. allowed to opponents).
rushrate_def	double	Share of plays that were pass plays, with the team on defense (i.e. allowed to opponents).
havoc_def	double	Share of plays that were rush plays, with the team on defense (i.e. allowed to opponents).
explosive_def	double	Havoc rate – the share of plays carrying the defensive-disruption flag, with the team on defense (i.e. allowed to opponents).
TEPA_def	double	Explosive-play rate – the share of plays carrying the explosive flag, with the team on defense (i.e. allowed to opponents).
EPAdrive_def	double	Total EPA summed over every play, with the team on defense (i.e. allowed to opponents).
EPAgame_def	double	EPA per play, with the team on defense (i.e. allowed to opponents).
yards_def	integer	EPA per game, with the team on defense (i.e. allowed to opponents).
yardsplay_def	double	Total yards gained, with the team on defense (i.e. allowed to opponents).
play_stuffed_def	double	Yards gained per play, with the team on defense (i.e. allowed to opponents).
success_def	double	Stuffed-play rate – the share of plays carrying the stuffed flag, with the team on defense (i.e. allowed to opponents).
red_zone_success_def	double	Success rate – the share of plays flagged as successful by EPA, with the team on defense (i.e. allowed to opponents).
third_down_success_def	double	Success rate on red-zone plays, with the team on defense (i.e. allowed to opponents).
	double	Success rate on third-down plays, with the team on defense (i.e. allowed to opponents).

third_down_distance_def	double	Average yards to go on third down, with the team on defense (i.e. allowed to pass).
late_down_success_def	double	Success rate on late-down plays, with the team on defense (i.e. allowed to pass).
early_down_EPA_def	double	EPA per early-down play, with the team on defense (i.e. allowed to pass).
start_position_def	double	Average drive start position, measured in yards from the opponent goal line.
nonExplosiveEpaPerPlay_def	double	EPA per play with explosive plays excluded, with the team on defense.
line_yards_def	double	Average line yards credited to the offensive line on rushes, with the team on offense.
opportunity_rate_def	double	Opportunity rate – the share of rushes carrying the opportunity flag, with the team on offense.
playsgame_def	double	Plays run per game, with the team on defense (i.e. allowed to oppose).
EPAdrive_def	double	EPA per drive (total EPA divided by drives), with the team on defense.
EPAgame_def	double	EPA per game (total EPA divided by games), with the team on defense.
yardsgame_def	double	Yards gained per game, with the team on defense (i.e. allowed to oppose).
drives_def	integer	Offensive drives, with the team on defense (i.e. allowed to oppose).
drivesgame_def	double	Drives per game, with the team on defense (i.e. allowed to oppose).
yardsdrive_def	double	Yards gained per drive, with the team on defense (i.e. allowed to oppose).
playsdrive_def	double	Plays run per drive, with the team on defense (i.e. allowed to oppose).
playsgame_def_rank	double	National rank of the team's plays run per game with the team on defense.
TEPA_def_rank	double	National rank of the team's total EPA summed over every play with the team on offense.
EPAgame_def_rank	double	National rank of the team's EPA per game (total EPA divided by games) with the team on defense.
EPAdrive_def_rank	double	National rank of the team's EPA per drive (total EPA divided by drives) with the team on defense.
early_down_EPA_def_rank	double	National rank of the team's EPA per early-down play with the team on defense.
success_def_rank	double	National rank of the team's success rate – the share of plays flagged as successful by EPA.
yards_def_rank	double	National rank of the team's total yards gained with the team on defense.
yardsplay_def_rank	double	National rank of the team's yards gained per play with the team on defense.
yardsgame_def_rank	double	National rank of the team's yards gained per game with the team on defense.
drivesgame_def_rank	double	National rank of the team's drives per game with the team on defense.
yardsdrive_def_rank	double	National rank of the team's yards gained per drive with the team on defense.
playsdrive_def_rank	double	National rank of the team's plays run per drive with the team on defense.
play_stuffed_def_rank	double	National rank of the team's stuffed-play rate – the share of plays carrying the stuffed flag.
red_zone_success_def_rank	double	National rank of the team's success rate on red-zone plays with the team on offense.
third_down_success_def_rank	double	National rank of the team's success rate on third-down plays with the team on offense.
late_down_success_def_rank	double	National rank of the team's success rate on late-down plays with the team on offense.
third_down_distance_def_rank	double	National rank of the team's average yards to go on third down with the team on offense.
start_position_def_rank	double	National rank of the team's average drive start position, measured in yards from the opponent goal line.
havoc_def_rank	double	National rank of the team's havoc rate – the share of plays carrying the havoc flag.
explosive_def_rank	double	National rank of the team's explosive-play rate – the share of plays carrying the explosive flag.
passrate_def_rank	double	National rank of the team's share of plays that were pass plays with the team on offense.
rushrate_def_rank	double	National rank of the team's share of plays that were rush plays with the team on offense.
nonExplosiveEpaPerPlay_def_rank	double	National rank of the team's EPA per play with explosive plays excluded, with the team on offense.
line_yards_def_rank	double	National rank of the team's average line yards credited to the offensive line on rushes, with the team on offense.
opportunity_rate_def_rank	double	National rank of the team's opportunity rate – the share of rushes carrying the opportunity flag, with the team on offense.
TEPA_margin	double	Margin in total EPA summed over every play: the team's offensive value minus the value of the defense.
EPAdrive_margin	double	Margin in EPA per drive (total EPA divided by drives): the team's offensive value minus the value of the defense.
EPAgame_margin	double	Margin in EPA per game (total EPA divided by games): the team's offensive value minus the value of the defense.
success_margin	double	Margin in success rate – the share of plays flagged as successful by EPA: the team's offensive value minus the value of the defense.
yardsplay_margin	double	Margin in yards gained per play: the team's offensive value minus the value of the defense.
TEPA_margin_rank	double	Margin in total EPA summed over every play: the team's offensive value minus the value of the defense.

EPAplay_margin_rank	double	Margin in EPA per play: the team's offensive value minus the value it
EPAdrive_margin_rank	double	Margin in EPA per drive (total EPA divided by drives): the team's offe
EPAgame_margin_rank	double	Margin in EPA per game (total EPA divided by games): the team's off
success_margin_rank	double	Margin in success rate – the share of plays flagged as successful by EF
yardsplay_margin_rank	double	Margin in yards gained per play: the team's offensive value minus the
start_position_margin	double	Field-position margin: the team's own average starting field position m
start_position_margin_rank	double	Field-position margin: the team's own average starting field position m
total_available_yards_off	double	Available yards are the yards a drive could theoretically gain, summed
total_gained_yards_off	integer	Total yards the team actually gained across its own drives.
available_yards_pct_off	double	Share of available yards the team's offense actually gained (total_gain
available_yards_pct_off_rank	double	National rank of the team's offensive available-yards share, where 1 is
total_available_yards_def	double	Available yards are the yards a drive could theoretically gain, summed
total_gained_yards_def	integer	Total yards the team allowed across the drives it defended.
available_yards_pct_def	double	Share of available yards the team's defense allowed opponents to gain
available_yards_pct_def_rank	double	National rank of the team's defensive available-yards share, where 1 is
total_available_yards_margin	double	Available yards on the team's own drives minus available yards on dri
total_gained_yards_margin	integer	Yards the team gained minus yards it allowed.
available_yards_pct_margin	double	Available-yards share gained by the offense minus the share allowed b
total_available_yards_margin_rank	double	National rank of total_available_yards_margin, 1 = largest margin.
total_gained_yards_margin_rank	double	National rank of total_gained_yards_margin, 1 = largest margin.
available_yards_pct_margin_rank	double	National rank of available_yards_pct_margin, 1 = largest margin.
plays_off_pass	integer	Plays run on pass plays, with the team on offense.
passrate_off_pass	double	Share of plays that were pass plays on pass plays, with the team on off
rushrate_off_pass	double	Share of plays that were rush plays on pass plays, with the team on off
havoc_off_pass	double	Havoc rate – the share of plays carrying the defensive-disruption flag o
explosive_off_pass	double	Explosive-play rate – the share of plays carrying the explosive flag on
TEPA_off_pass	double	Total EPA summed over every play on pass plays, with the team on off
EPAplay_off_pass	double	EPA per play on pass plays, with the team on offense.
yards_off_pass	integer	Total yards gained on pass plays, with the team on offense.
yardsplay_off_pass	double	Yards gained per play on pass plays, with the team on offense.
play_stuffed_off_pass	double	Stuffed-play rate – the share of plays carrying the stuffed flag on pass
success_off_pass	double	Success rate – the share of plays flagged as successful by EPA on pass
red_zone_success_off_pass	double	Success rate on red-zone plays on pass plays, with the team on offense
third_down_success_off_pass	double	Success rate on third-down plays on pass plays, with the team on offe
third_down_distance_off_pass	double	Average yards to go on third down on pass plays, with the team on off
late_down_success_off_pass	double	Success rate on late-down plays on pass plays, with the team on offens
early_down_EPA_off_pass	double	EPA per early-down play on pass plays, with the team on offense.
nonExplosiveEpaPerPlay_off_pass	double	EPA per play with explosive plays excluded on pass plays, with the te
line_yards_off_pass	double	Average line yards credited to the offensive line on rushes on pass play
opportunity_rate_off_pass	double	Opportunity rate – the share of rushes carrying the opportunity flag on
playsgame_off_pass	double	Plays run per game on pass plays, with the team on offense.
EPAdrive_off_pass	double	EPA per drive (total EPA divided by drives) on pass plays, with the tea
EPAgame_off_pass	double	EPA per game (total EPA divided by games) on pass plays, with the te
yardsgame_off_pass	double	Yards gained per game on pass plays, with the team on offense.
drives_off_pass	integer	Offensive drives on pass plays, with the team on offense.
drivesgame_off_pass	double	Drives per game on pass plays, with the team on offense.
yardsdrive_off_pass	double	Yards gained per drive on pass plays, with the team on offense.
playsdrive_off_pass	double	Plays run per drive on pass plays, with the team on offense.

playsgame_off_pass_rank	double	National rank of the team's plays run per game on pass plays with the
TEPA_off_pass_rank	double	National rank of the team's total EPA summed over every play on pass
EPAGame_off_pass_rank	double	National rank of the team's EPA per game (total EPA divided by game
EPAPlay_off_pass_rank	double	National rank of the team's EPA per play on pass plays with the team
EPADrive_off_pass_rank	double	National rank of the team's EPA per drive (total EPA divided by drives
early_down_EPA_off_pass_rank	double	National rank of the team's EPA per early-down play on pass plays wi
success_off_pass_rank	double	National rank of the team's success rate – the share of plays flagged as
yards_off_pass_rank	double	National rank of the team's total yards gained on pass plays with the t
yardsplay_off_pass_rank	double	National rank of the team's yards gained per play on pass plays with th
yardsgame_off_pass_rank	double	National rank of the team's yards gained per game on pass plays with
drivesgame_off_pass_rank	double	National rank of the team's drives per game on pass plays with the tea
yardsdrive_off_pass_rank	double	National rank of the team's yards gained per drive on pass plays with t
playsdrive_off_pass_rank	double	National rank of the team's plays run per drive on pass plays with the
play_stuffed_off_pass_rank	double	National rank of the team's stuffed-play rate – the share of plays carry
red_zone_success_off_pass_rank	double	National rank of the team's success rate on red-zone plays on pass play
third_down_success_off_pass_rank	double	National rank of the team's success rate on third-down plays on pass p
late_down_success_off_pass_rank	double	National rank of the team's success rate on late-down plays on pass pl
third_down_distance_off_pass_rank	double	National rank of the team's average yards to go on third down on pass
havoc_off_pass_rank	double	National rank of the team's havoc rate – the share of plays carrying the
explosive_off_pass_rank	double	National rank of the team's explosive-play rate – the share of plays can
passrate_off_pass_rank	double	National rank of the team's share of plays that were pass plays on pass
rushrate_off_pass_rank	double	National rank of the team's share of plays that were rush plays on pass
nonExplosiveEpaPerPlay_off_pass_rank	double	National rank of the team's EPA per play with explosive plays exclude
line_yards_off_pass_rank	double	National rank of the team's average line yards credited to the offensive
opportunity_rate_off_pass_rank	double	National rank of the team's opportunity rate – the share of rushes carry
plays_def_pass	integer	Plays run on pass plays, with the team on defense (i.e. allowed to oppo
passrate_def_pass	double	Share of plays that were pass plays on pass plays, with the team on de
rushrate_def_pass	double	Share of plays that were rush plays on pass plays, with the team on de
havoc_def_pass	double	Havoc rate – the share of plays carrying the defensive-disruption flag o
explosive_def_pass	double	Explosive-play rate – the share of plays carrying the explosive flag on
TEPA_def_pass	double	Total EPA summed over every play on pass plays, with the team on de
EPAPlay_def_pass	double	EPA per play on pass plays, with the team on defense (i.e. allowed to o
yards_def_pass	integer	Total yards gained on pass plays, with the team on defense (i.e. allowe
yardsplay_def_pass	double	Yards gained per play on pass plays, with the team on defense (i.e. all
play_stuffed_def_pass	double	Stuffed-play rate – the share of plays carrying the stuffed flag on pass
success_def_pass	double	Success rate – the share of plays flagged as successful by EPA on pass
red_zone_success_def_pass	double	Success rate on red-zone plays on pass plays, with the team on defense
third_down_success_def_pass	double	Success rate on third-down plays on pass plays, with the team on defe
third_down_distance_def_pass	double	Average yards to go on third down on pass plays, with the team on def
late_down_success_def_pass	double	Success rate on late-down plays on pass plays, with the team on defen
early_down_EPA_def_pass	double	EPA per early-down play on pass plays, with the team on defense (i.e.
nonExplosiveEpaPerPlay_def_pass	double	EPA per play with explosive plays excluded on pass plays, with the te
line_yards_def_pass	double	Average line yards credited to the offensive line on rushes on pass play
opportunity_rate_def_pass	double	Opportunity rate – the share of rushes carrying the opportunity flag on
playsgame_def_pass	double	Plays run per game on pass plays, with the team on defense (i.e. allow
EPADrive_def_pass	double	EPA per drive (total EPA divided by drives) on pass plays, with the tea
EPAGame_def_pass	double	EPA per game (total EPA divided by games) on pass plays, with the te
yardsgame_def_pass	double	Yards gained per game on pass plays, with the team on defense (i.e. al

drives_def_pass	integer	Offensive drives on pass plays, with the team on defense (i.e. allowed
drivesgame_def_pass	double	Drives per game on pass plays, with the team on defense (i.e. allowed
yardsdrive_def_pass	double	Yards gained per drive on pass plays, with the team on defense (i.e. all
playsdrive_def_pass	double	Plays run per drive on pass plays, with the team on defense (i.e. allowe
playsgame_def_pass_rank	double	National rank of the team's plays run per game on pass plays with the
TEPA_def_pass_rank	double	National rank of the team's total EPA summed over every play on pass
EPAGame_def_pass_rank	double	National rank of the team's EPA per game (total EPA divided by game
EPAPlay_def_pass_rank	double	National rank of the team's EPA per play on pass plays with the team
EPADrive_def_pass_rank	double	National rank of the team's EPA per drive (total EPA divided by drives
early_down_EPA_def_pass_rank	double	National rank of the team's EPA per early-down play on pass plays wi
success_def_pass_rank	double	National rank of the team's success rate – the share of plays flagged as
yards_def_pass_rank	double	National rank of the team's total yards gained on pass plays with the t
yardsplay_def_pass_rank	double	National rank of the team's yards gained per play on pass plays with th
yardsgame_def_pass_rank	double	National rank of the team's yards gained per game on pass plays with
drivesgame_def_pass_rank	double	National rank of the team's drives per game on pass plays with the tea
yardsdrive_def_pass_rank	double	National rank of the team's yards gained per drive on pass plays with t
playsdrive_def_pass_rank	double	National rank of the team's plays run per drive on pass plays with the
play_stuffed_def_pass_rank	double	National rank of the team's stuffed-play rate – the share of plays carry
red_zone_success_def_pass_rank	double	National rank of the team's success rate on red-zone plays on pass play
third_down_success_def_pass_rank	double	National rank of the team's success rate on third-down plays on pass p
late_down_success_def_pass_rank	double	National rank of the team's success rate on late-down plays on pass pl
third_down_distance_def_pass_rank	double	National rank of the team's average yards to go on third down on pass
havoc_def_pass_rank	double	National rank of the team's havoc rate – the share of plays carrying th
explosive_def_pass_rank	double	National rank of the team's explosive-play rate – the share of plays can
passrate_def_pass_rank	double	National rank of the team's share of plays that were pass plays on pass
rushrate_def_pass_rank	double	National rank of the team's share of plays that were rush plays on pass
nonExplosiveEpaPerPlay_def_pass_rank	double	National rank of the team's EPA per play with explosive plays exclude
line_yards_def_pass_rank	double	National rank of the team's average line yards credited to the offensiv
opportunity_rate_def_pass_rank	double	National rank of the team's opportunity rate – the share of rushes carry
TEPA_margin_pass	double	Margin in total EPA summed over every play on pass plays: the team's
EPAPlay_margin_pass	double	Margin in EPA per play on pass plays: the team's offensive value minu
EPADrive_margin_pass	double	Margin in EPA per drive (total EPA divided by drives) on pass plays: t
EPAGame_margin_pass	double	Margin in EPA per game (total EPA divided by games) on pass plays:
success_margin_pass	double	Margin in success rate – the share of plays flagged as successful by EF
yardsplay_margin_pass	double	Margin in yards gained per play on pass plays: the team's offensive va
TEPA_margin_pass_rank	double	Margin in total EPA summed over every play on pass plays: the team's
EPAPlay_margin_pass_rank	double	Margin in EPA per play on pass plays: the team's offensive value minu
EPADrive_margin_pass_rank	double	Margin in EPA per drive (total EPA divided by drives) on pass plays: t
EPAGame_margin_pass_rank	double	Margin in EPA per game (total EPA divided by games) on pass plays:
success_margin_pass_rank	double	Margin in success rate – the share of plays flagged as successful by EF
yardsplay_margin_pass_rank	double	Margin in yards gained per play on pass plays: the team's offensive va
plays_off_rush	integer	Plays run on rush plays, with the team on offense.
passrate_off_rush	double	Share of plays that were pass plays on rush plays, with the team on off
rushrate_off_rush	double	Share of plays that were rush plays on rush plays, with the team on off
havoc_off_rush	double	Havoc rate – the share of plays carrying the defensive-disruption flag o
explosive_off_rush	double	Explosive-play rate – the share of plays carrying the explosive flag on
TEPA_off_rush	double	Total EPA summed over every play on rush plays, with the team on of
EPAPlay_off_rush	double	EPA per play on rush plays, with the team on offense.

yards_off_rush	integer	Total yards gained on rush plays, with the team on offense.
yardsplay_off_rush	double	Yards gained per play on rush plays, with the team on offense.
play_stuffed_off_rush	double	Stuffed-play rate – the share of plays carrying the stuffed flag on rush plays, with the team on offense.
success_off_rush	double	Success rate – the share of plays flagged as successful by EPA on rush plays, with the team on offense.
red_zone_success_off_rush	double	Success rate on red-zone plays on rush plays, with the team on offense.
third_down_success_off_rush	double	Success rate on third-down plays on rush plays, with the team on offense.
third_down_distance_off_rush	double	Average yards to go on third down on rush plays, with the team on offense.
late_down_success_off_rush	double	Success rate on late-down plays on rush plays, with the team on offense.
early_down_EPA_off_rush	double	EPA per early-down play on rush plays, with the team on offense.
nonExplosiveEpaPerPlay_off_rush	double	EPA per play with explosive plays excluded on rush plays, with the team on offense.
line_yards_off_rush	double	Average line yards credited to the offensive line on rushes on rush plays, with the team on offense.
opportunity_rate_off_rush	double	Opportunity rate – the share of rushes carrying the opportunity flag on rush plays, with the team on offense.
playsgame_off_rush	double	Plays run per game on rush plays, with the team on offense.
EPAdrive_off_rush	double	EPA per drive (total EPA divided by drives) on rush plays, with the team on offense.
EPAGame_off_rush	double	EPA per game (total EPA divided by games) on rush plays, with the team on offense.
yardsgame_off_rush	double	Yards gained per game on rush plays, with the team on offense.
drives_off_rush	integer	Offensive drives on rush plays, with the team on offense.
drivesgame_off_rush	double	Drives per game on rush plays, with the team on offense.
yardsdrive_off_rush	double	Yards gained per drive on rush plays, with the team on offense.
playsdrive_off_rush	double	Plays run per drive on rush plays, with the team on offense.
playsgame_off_rush_rank	double	National rank of the team's plays run per game on rush plays with the team on offense.
TEPA_off_rush_rank	double	National rank of the team's total EPA summed over every play on rush plays with the team on offense.
EPAGame_off_rush_rank	double	National rank of the team's EPA per game (total EPA divided by games) on rush plays with the team on offense.
EPAPlay_off_rush_rank	double	National rank of the team's EPA per play on rush plays with the team on offense.
EPAdrive_off_rush_rank	double	National rank of the team's EPA per drive (total EPA divided by drives) on rush plays with the team on offense.
early_down_EPA_off_rush_rank	double	National rank of the team's EPA per early-down play on rush plays with the team on offense.
success_off_rush_rank	double	National rank of the team's success rate – the share of plays flagged as successful by EPA on rush plays with the team on offense.
yards_off_rush_rank	double	National rank of the team's total yards gained on rush plays with the team on offense.
yardsplay_off_rush_rank	double	National rank of the team's yards gained per play on rush plays with the team on offense.
yardsgame_off_rush_rank	double	National rank of the team's yards gained per game on rush plays with the team on offense.
drivesgame_off_rush_rank	double	National rank of the team's drives per game on rush plays with the team on offense.
yardsdrive_off_rush_rank	double	National rank of the team's yards gained per drive on rush plays with the team on offense.
playsdrive_off_rush_rank	double	National rank of the team's plays run per drive on rush plays with the team on offense.
play_stuffed_off_rush_rank	double	National rank of the team's stuffed-play rate – the share of plays carrying the stuffed flag on rush plays with the team on offense.
red_zone_success_off_rush_rank	double	National rank of the team's success rate on red-zone plays on rush plays with the team on offense.
third_down_success_off_rush_rank	double	National rank of the team's success rate on third-down plays on rush plays with the team on offense.
late_down_success_off_rush_rank	double	National rank of the team's success rate on late-down plays on rush plays with the team on offense.
third_down_distance_off_rush_rank	double	National rank of the team's average yards to go on third down on rush plays with the team on offense.
havoc_off_rush_rank	double	National rank of the team's havoc rate – the share of plays carrying the stuffed flag on rush plays with the team on offense.
explosive_off_rush_rank	double	National rank of the team's explosive-play rate – the share of plays carrying the stuffed flag on rush plays with the team on offense.
passrate_off_rush_rank	double	National rank of the team's share of plays that were pass plays on rush plays with the team on offense.
rushrate_off_rush_rank	double	National rank of the team's share of plays that were rush plays on rush plays with the team on offense.
nonExplosiveEpaPerPlay_off_rush_rank	double	National rank of the team's EPA per play with explosive plays excluded on rush plays with the team on offense.
line_yards_off_rush_rank	double	National rank of the team's average line yards credited to the offensive line on rushes on rush plays with the team on offense.
opportunity_rate_off_rush_rank	double	National rank of the team's opportunity rate – the share of rushes carrying the opportunity flag on rush plays with the team on offense.
plays_def_rush	integer	Plays run on rush plays, with the team on defense (i.e. allowed to oppose the offense).
passrate_def_rush	double	Share of plays that were pass plays on rush plays, with the team on defense.
rushrate_def_rush	double	Share of plays that were rush plays on rush plays, with the team on defense.

havoc_def_rush	double	Havoc rate – the share of plays carrying the defensive-disruption flag on rush plays, with the team on defense (i.e. allowed to be disrupted)
explosive_def_rush	double	Explosive-play rate – the share of plays carrying the explosive flag on rush plays, with the team on defense (i.e. allowed to be disrupted)
TEPA_def_rush	double	Total EPA summed over every play on rush plays, with the team on defense (i.e. allowed to be disrupted)
EPAsplay_def_rush	double	EPA per play on rush plays, with the team on defense (i.e. allowed to be disrupted)
yards_def_rush	integer	Total yards gained on rush plays, with the team on defense (i.e. allowed to be disrupted)
yardsplay_def_rush	double	Yards gained per play on rush plays, with the team on defense (i.e. allowed to be disrupted)
play_stuffed_def_rush	double	Stuffed-play rate – the share of plays carrying the stuffed flag on rush plays, with the team on defense (i.e. allowed to be disrupted)
success_def_rush	double	Success rate – the share of plays flagged as successful by EPA on rush plays, with the team on defense (i.e. allowed to be disrupted)
red_zone_success_def_rush	double	Success rate on red-zone plays on rush plays, with the team on defense (i.e. allowed to be disrupted)
third_down_success_def_rush	double	Success rate on third-down plays on rush plays, with the team on defense (i.e. allowed to be disrupted)
third_down_distance_def_rush	double	Average yards to go on third down on rush plays, with the team on defense (i.e. allowed to be disrupted)
late_down_success_def_rush	double	Success rate on late-down plays on rush plays, with the team on defense (i.e. allowed to be disrupted)
early_down_EPA_def_rush	double	EPA per early-down play on rush plays, with the team on defense (i.e. allowed to be disrupted)
nonExplosiveEpaPerPlay_def_rush	double	EPA per play with explosive plays excluded on rush plays, with the team on defense (i.e. allowed to be disrupted)
line_yards_def_rush	double	Average line yards credited to the offensive line on rushes on rush plays, with the team on defense (i.e. allowed to be disrupted)
opportunity_rate_def_rush	double	Opportunity rate – the share of rushes carrying the opportunity flag on rush plays, with the team on defense (i.e. allowed to be disrupted)
playsgame_def_rush	double	Plays run per game on rush plays, with the team on defense (i.e. allowed to be disrupted)
EPAdrive_def_rush	double	EPA per drive (total EPA divided by drives) on rush plays, with the team on defense (i.e. allowed to be disrupted)
EPAsgame_def_rush	double	EPA per game (total EPA divided by games) on rush plays, with the team on defense (i.e. allowed to be disrupted)
yardsgame_def_rush	double	Yards gained per game on rush plays, with the team on defense (i.e. allowed to be disrupted)
drives_def_rush	integer	Offensive drives on rush plays, with the team on defense (i.e. allowed to be disrupted)
drivesgame_def_rush	double	Drives per game on rush plays, with the team on defense (i.e. allowed to be disrupted)
yardsdrive_def_rush	double	Yards gained per drive on rush plays, with the team on defense (i.e. allowed to be disrupted)
playsdrive_def_rush	double	Plays run per drive on rush plays, with the team on defense (i.e. allowed to be disrupted)
playsgame_def_rush_rank	double	National rank of the team's plays run per game on rush plays with the team on defense (i.e. allowed to be disrupted)
TEPA_def_rush_rank	double	National rank of the team's total EPA summed over every play on rush plays with the team on defense (i.e. allowed to be disrupted)
EPAsgame_def_rush_rank	double	National rank of the team's EPA per game (total EPA divided by games) on rush plays with the team on defense (i.e. allowed to be disrupted)
EPAsplay_def_rush_rank	double	National rank of the team's EPA per play on rush plays with the team on defense (i.e. allowed to be disrupted)
EPAdrive_def_rush_rank	double	National rank of the team's EPA per drive (total EPA divided by drives) on rush plays with the team on defense (i.e. allowed to be disrupted)
early_down_EPA_def_rush_rank	double	National rank of the team's EPA per early-down play on rush plays with the team on defense (i.e. allowed to be disrupted)
success_def_rush_rank	double	National rank of the team's success rate – the share of plays flagged as successful by EPA on rush plays with the team on defense (i.e. allowed to be disrupted)
yards_def_rush_rank	double	National rank of the team's total yards gained on rush plays with the team on defense (i.e. allowed to be disrupted)
yardsplay_def_rush_rank	double	National rank of the team's yards gained per play on rush plays with the team on defense (i.e. allowed to be disrupted)
yardsgame_def_rush_rank	double	National rank of the team's yards gained per game on rush plays with the team on defense (i.e. allowed to be disrupted)
drivesgame_def_rush_rank	double	National rank of the team's drives per game on rush plays with the team on defense (i.e. allowed to be disrupted)
yardsdrive_def_rush_rank	double	National rank of the team's yards gained per drive on rush plays with the team on defense (i.e. allowed to be disrupted)
playsdrive_def_rush_rank	double	National rank of the team's plays run per drive on rush plays with the team on defense (i.e. allowed to be disrupted)
play_stuffed_def_rush_rank	double	National rank of the team's stuffed-play rate – the share of plays carrying the stuffed flag on rush plays with the team on defense (i.e. allowed to be disrupted)
red_zone_success_def_rush_rank	double	National rank of the team's success rate on red-zone plays on rush plays with the team on defense (i.e. allowed to be disrupted)
third_down_success_def_rush_rank	double	National rank of the team's success rate on third-down plays on rush plays with the team on defense (i.e. allowed to be disrupted)
late_down_success_def_rush_rank	double	National rank of the team's success rate on late-down plays on rush plays with the team on defense (i.e. allowed to be disrupted)
third_down_distance_def_rush_rank	double	National rank of the team's average yards to go on third down on rush plays with the team on defense (i.e. allowed to be disrupted)
havoc_def_rush_rank	double	National rank of the team's havoc rate – the share of plays carrying the defensive-disruption flag on rush plays with the team on defense (i.e. allowed to be disrupted)
explosive_def_rush_rank	double	National rank of the team's explosive-play rate – the share of plays carrying the explosive flag on rush plays with the team on defense (i.e. allowed to be disrupted)
passrate_def_rush_rank	double	National rank of the team's share of plays that were pass plays on rush plays with the team on defense (i.e. allowed to be disrupted)
rushrate_def_rush_rank	double	National rank of the team's share of plays that were rush plays on rush plays with the team on defense (i.e. allowed to be disrupted)
nonExplosiveEpaPerPlay_def_rush_rank	double	National rank of the team's EPA per play with explosive plays excluded on rush plays with the team on defense (i.e. allowed to be disrupted)
line_yards_def_rush_rank	double	National rank of the team's average line yards credited to the offensive line on rushes on rush plays with the team on defense (i.e. allowed to be disrupted)

opportunity_rate_def_rush_rank	double	National rank of the team’s opportunity rate – the share of rushes carry
TEPA_margin_rush	double	Margin in total EPA summed over every play on rush plays: the team’s
EPApplay_margin_rush	double	Margin in EPA per play on rush plays: the team’s offensive value minu
EPAdrive_margin_rush	double	Margin in EPA per drive (total EPA divided by drives) on rush plays: t
EPAgame_margin_rush	double	Margin in EPA per game (total EPA divided by games) on rush plays:
success_margin_rush	double	Margin in success rate – the share of plays flagged as successful by EF
yardsplay_margin_rush	double	Margin in yards gained per play on rush plays: the team’s offensive va
TEPA_margin_rush_rank	double	Margin in total EPA summed over every play on rush plays: the team’s
EPApplay_margin_rush_rank	double	Margin in EPA per play on rush plays: the team’s offensive value minu
EPAdrive_margin_rush_rank	double	Margin in EPA per drive (total EPA divided by drives) on rush plays: t
EPAgame_margin_rush_rank	double	Margin in EPA per game (total EPA divided by games) on rush plays:
success_margin_rush_rank	double	Margin in success rate – the share of plays flagged as successful by EF
yardsplay_margin_rush_rank	double	Margin in yards gained per play on rush plays: the team’s offensive va
fbs_class	character	Power/Group classification for the season: P4 or G6 from 2024 on, P5
valid_games	integer	Number of the team’s games that produced both an offensive and a def
adj_off_epa	double	Offensive opponent-adjusted EPA per play from the ridge (RAPM-sty
adj_def_epa	double	Defensive opponent-adjusted EPA per play from the ridge (RAPM-sty
off_strength_faced	double	Average opponent-defense strength the team’s offense faced, taken as
def_strength_faced	double	Average opponent-offense strength the team’s defense faced, taken as
net_adj_epa	double	Net opponent-adjusted EPA per play: adj_off_epa minus adj_def_epa.
adj_off_epa_rank	double	National rank of the team’s adj_off_epa, where 1 is best.
adj_def_epa_rank	double	National rank of the team’s adj_def_epa, where 1 is best (fewest EPA.
net_adj_epa_rank	double	National rank of the team’s net_adj_epa, 1 = largest net adjusted EPA.

Author(s)

Saiem Gilani

Examples

```
try(load_espn_cfb_team_summaries(2004))
```

load_ncaa_mfb_drives	Load NCAA men’s football drives (stats.ncaa.org) from the SportsDataverse data repo
----------------------	---

Description

Loads season-level NCAA men’s football drive summaries parsed from stats.ncaa.org; one row per drive. Published to the ncaa_mfb_drives release tag on the sportsdataverse-data repo.

Usage

```
load_ncaa_mfb_drives(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons A vector of 4-digit years associated with given college football seasons. Published coverage runs 2013 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2013)

... Additional arguments passed to an underlying function that writes the season data into a database.

dbConnection A DBIConnection object, as returned by [DBI::dbConnect\(\)](#)

tablename The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
contest_id	character	
drive_number	integer	
quarter	integer	
period	integer	
team	character	
start_period	integer	
start_how	character	
start_clock	character	
start_yard_line	character	
end_period	integer	
end_how	character	
end_clock	character	
end_yard_line	character	
n_plays	integer	
yards	integer	
espn_game_id	character	
season	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_ncaa_mfb_drives(2013))
```

```
load_ncaa_mfb_linescore
```

Load NCAA men's football linescores (stats.ncaa.org) from the SportsDataverse data repo

Description

Loads season-level NCAA men's football period linescores parsed from stats.ncaa.org; one row per team-period. Published to the ncaa_mfb_linescore release tag on the sportsdataverse-data repo.

Usage

```
load_ncaa_mfb_linescore(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2013 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2013)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
contest_id	character	
team	character	
home_away	character	
period	character	
points	integer	
final	integer	
game_date	character	
venue	character	

attendance	integer
espn_game_id	character
season	integer

Author(s)

Saiem Gilani

Examples

```
try(load_ncaa_mfb_linescore(2013))
```

load_ncaa_mfb_officials

Load NCAA men’s football officials (stats.ncaa.org) from the SportsDataverse data repo

Description

Loads season-level NCAA men’s football game officials parsed from stats.ncaa.org; one row per game-official. Published to the ncaa_mfb_officials release tag on the sportsdataverse-data repo.

Usage

```
load_ncaa_mfb_officials(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2013 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2013)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

	col_name	types	description
	contest_id	character	
	role	character	
	official	character	
	espn_game_id	character	
	season	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_ncaa_mfb_officials(2013))
```

load_ncaa_mfb_pbp	Load NCAA men’s football play-by-play (stats.ncaa.org) from the SportsDataverse data repo
-------------------	--

Description

Loads season-level NCAA men’s football play-by-play parsed from stats.ncaa.org by the sdv-py cfb_ncaa_pbp parser. Covers FCS and lower divisions that ESPN’s feed misses; one row per play with drive and participant context. Published to the ncaa_mfb_pbp release tag on the sportsdataverse-data repo.

For the same plays reshaped onto cfbfastR pbp column conventions (for binding with [load_cfb_pbp\(\)](#) / [load_espn_cfb_pbp\(\)](#) output), use [load_ncaa_mfb_pbp_cfbfastr\(\)](#).

Usage

```
load_ncaa_mfb_pbp(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2013 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2013)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
contest_id	character	
drive_number	integer	
play_number	integer	
offense	character	
drive_result	character	
drive_scored	logical	
down	integer	
distance	integer	
yard_line	character	
yard_line_side	character	
yard_line_number	integer	
play_type	character	
clock	character	
yards_gained	integer	
formation	character	
passer	character	
rusher	character	
receiver	character	
kicker	character	
punter	character	
returner	character	
run_direction	character	
qb_scramble	logical	
pass_complete	logical	
pass_depth	character	
pass_direction	character	
tackler_1	character	
tackler_2	character	
kick_yards	integer	
return_yards	integer	
punt_yards	integer	
fg_distance	integer	
fg_made	logical	

is_first_down	logical
is_touchdown	logical
is_safety	logical
is_fumble	logical
is_turnover	logical
turnover_type	character
out_of_bounds	logical
no_play	logical
fair_catch	logical
penalty_flag	logical
penalty_team	character
penalty_type	character
penalty_player	character
penalty_yards	integer
end_yard_line	character
play_text	character
espn_game_id	character
season	integer

Author(s)

Saiem Gilani

Examples

```
try(load_ncaa_mfb_pbp(2013))
```

```
load_ncaa_mfb_pbp_cfbfastr
```

Load NCAA men's football play-by-play, cfbfastR-shaped from the SportsDataverse data repo

Description

Loads the cfbfastR-schema-shaped variant of the stats.ncaa.org men's football play-by-play – the same plays as `load_ncaa_mfb_pbp()` reshaped onto cfbfastR pbp column conventions for cross-source binds. Published to the `ncaa_mfb_pbp_cfbfastr` release tag on the `sportsdataverse-data` repo.

Usage

```
load_ncaa_mfb_pbp_cfbfastr(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2013 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2013)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
game_id	integer	
id_play	integer	
drive_id	integer	
game_play_number	integer	
half_play_number	integer	
drive_play_number	integer	
drive_number	integer	
season	integer	
year	integer	
week	integer	
period	integer	
half	integer	
clock.minutes	integer	
clock.seconds	integer	
TimeSecsRem	integer	
Under_two	logical	
pos_team	character	
def_pos_team	character	
offense_play	character	
defense_play	character	
home	character	
away	character	
pos_team_score	integer	
def_pos_team_score	integer	
offense_score	integer	
defense_score	integer	
pos_score_diff	integer	
score_pts	integer	
scoring_play	logical	
scoring	logical	
down	integer	
distance	integer	
yard_line	character	

yards_to_goal	integer
yards_to_goal_end	integer
Goal_To_Go	logical
log_ydstogo	double
yards_gained	integer
play_type	character
orig_play_type	character
play_text	character
rush	logical
rush_td	logical
pass	logical
pass_td	logical
pass_attempt	logical
completion	logical
target	logical
sack	logical
sack_vec	logical
int	logical
int_td	logical
turnover_vec	logical
downs_turnover	logical
touchdown	logical
td_play	logical
safety	logical
fumble_vec	logical
punt	logical
punt_play	logical
kickoff_play	logical
kick_play	logical
fg_inds	logical
fg_made	logical
punt_blocked	logical
punt_fair_catch	logical
firstD_by_yards	logical
firstD_by_penalty	logical
penalty_flag	logical
penalty_no_play	logical
penalty_declined	logical
penalty_offset	logical
penalty_text	character
yds_penalty	integer
rusher_player_name	character
passer_player_name	character
receiver_player_name	character
interception_player_name	character
punter_player_name	character
punt_returner_player_name	character
fg_kicker_player_name	character

kickoff_player_name	character
kickoff_returner_player_name	character
yds_rushed	integer
yds_receiving	integer
yds_sacked	integer
yds_punted	integer
yds_punt_return	integer
yds_kickoff	integer
yds_kickoff_return	integer
yds_int_return	integer
yds_fg	integer
drive_result	character
drive_scoring	logical
ot_synthesized	logical
lag_pos_team	character
lead_pos_team	character
lag_play_type	character
lead_play_type	character
lag_play_text	character
lead_play_text	character
change_of_pos_team	logical
play_after_turnover	logical
n_plays_in_game	integer
espn_game_id	character

Author(s)

Saiem Gilani

Examples

```
try(load_ncaa_mfb_pbp_cfbfastr(2013))
```

load_ncaa_mfb_player_stats	Load NCAA men’s football player stats (stats.ncaa.org) from the SportsDataverse data repo
----------------------------	--

Description

Loads season-level NCAA men’s football player box statistics parsed from stats.ncaa.org; one row per player-game-category. Published to the ncaa_mfb_player_stats release tag on the sportsdataverse-data repo.

Usage

```
load_ncaa_mfb_player_stats(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons A vector of 4-digit years associated with given college football seasons. Published coverage runs 2013 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2013)

... Additional arguments passed to an underlying function that writes the season data into a database.

dbConnection A DBIConnection object, as returned by [DBI::dbConnect\(\)](#)

tablename The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
contest_id	character	
team_id	character	
number	character	
name	character	
position	character	
rush_attempts	character	
rush_yds_gained	character	
rush_yds_lost	character	
yds_rush	character	
rush_tds	character	
rush_long	character	
category	character	
espn_game_id	character	
pass_attempts	character	
completions	character	
pass_yards	character	
interceptions	character	
pass_tds	character	
pass_eff	character	
yds_per_completion	character	
pct	character	
long_pass	character	
rec	character	
receiving_yards	character	

yards_per_reception	character
rec_td	character
long_rec	character
yds	character
plays	character
pbu	character
int	character
intyds	character
int_ret_tds	character
pdef	character
ko_ret	character
ko_ret_yds	character
kick_ret_tds	character
long_kor	character
sacks	character
solo_tack	character
asst_tack	character
tackles	character
fgm	character
fga	character
fg_blocks_allowed	character
punt_ret	character
punt_ret_yds	character
punt_ret_tds	character
long_pr	character
season	integer

Author(s)

Saiem Gilani

Examples

```
try(load_ncaa_mfb_player_stats(2013))
```

load_ncaa_mfb_rosters **Load NCAA men's football rosters (stats.ncaa.org) from the SportsDataverse data repo**

Description

Loads season-level NCAA men's football rosters from stats.ncaa.org; one row per player-team-season. Published to the ncaa_mfb_rosters release tag on the sportsdataverse-data repo.

Usage

```
load_ncaa_mfb_rosters(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons A vector of 4-digit years associated with given college football seasons. Published coverage runs 2013 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2013)

... Additional arguments passed to an underlying function that writes the season data into a database.

dbConnection A DBIConnection object, as returned by [DBI::dbConnect\(\)](#)

tablename The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
team_id	character	
team_name	character	
player_id	character	
player_name	character	
jersey	character	
statcrew_jersey	character	
player_class	character	
position	character	
height	character	
weight	integer	
hometown	character	
high_school	character	
games_played	integer	
games_started	integer	
academic_year	integer	
season	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_ncaa_mfb_rosters(2013))
```

load_ncaa_mfb_schedule

Load NCAA men's football schedules (stats.ncaa.org) from the SportsDataverse data repo

Description

Loads season-level NCAA men's football schedules from stats.ncaa.org; one row per game. Published to the ncaa_mfb_schedule release tag on the sportsdataverse-data repo.

Usage

```
load_ncaa_mfb_schedule(
  seasons = most_recent_cfb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2013 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2013)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
team_id	character	
team_name	character	
date	character	
opponent_id	character	
opponent	character	
result	character	
outcome	character	
team_score	integer	
opponent_score	integer	
contest_id	character	
attendance	integer	
academic_year	integer	

espn_game_id	character
season	integer

Author(s)

Saiem Gilani

Examples

```
try(load_ncaa_mfb_schedule(2013))
```

load_ncaa_mfb_teams	Load NCAA men’s football teams (stats.ncaa.org) from the SportsDataverse data repo
---------------------	---

Description

Loads season-level NCAA men’s football team directories from stats.ncaa.org, with division/conference alignment; one row per team- season. Published to the ncaa_mfb_teams release tag on the sportsdataverse-data repo.

Usage

```
load_ncaa_mfb_teams(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2013 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2013)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
team_id	character	
team_name	character	
academic_year	integer	
division	integer	
season	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_ncaa_mfb_teams(2013))
```

load_ncaa_mfb_team_stats

Load NCAA men’s football team stats (stats.ncaa.org) from the SportsDataverse data repo

Description

Loads season-level NCAA men’s football team box statistics parsed from stats.ncaa.org; one row per team-game-category. Published to the ncaa_mfb_team_stats release tag on the sportsdataverse-data repo.

Usage

```
load_ncaa_mfb_team_stats(  
  seasons = most_recent_cfb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

Arguments

seasons	A vector of 4-digit years associated with given college football seasons. Published coverage runs 2013 through the most recent season. Pass seasons = TRUE for every published season. (Min: 2013)
...	Additional arguments passed to an underlying function that writes the season data into a database.
dbConnection	A DBIConnection object, as returned by DBI::dbConnect()
tablename	The name of the data table within the database

Value

Returns a cfbfastR_data tibble.

col_name	types	description
contest_id	character	
category	character	
stat	character	
period	character	
away_team	character	
away_value	character	
home_team	character	
home_value	character	
espn_game_id	character	
season	integer	

Author(s)

Saiem Gilani

Examples

```
try(load_ncaa_mfb_team_stats(2013))
```

rds_from_url	<i>Load .rds file from a remote connection</i>
--------------	--

Description

Load .rds file from a remote connection

Usage

```
rds_from_url(url)
```

Arguments

url a character url

Value

a dataframe as created by [readRDS\(\)](#)

register_cfb

CFBD API Key Registration**Description**

Save your API Key as a system environment variable CFBD_API_KEY

Usage

```
cfbd_key()
```

```
has_cfb_key()
```

```
cfbd_api_key_info()
```

Details

To get access to an API key, follow the instructions at <https://collegefootballdata.com/key>

Using the key: You can save the key for consistent usage by adding CFBD_API_KEY=YOUR-API-KEY-HERE to your .Renvron file (easily accessed via `usethis::edit_r_environ()`). Run `usethis::edit_r_environ()`, a new script will pop open named .Renvron, **THEN** paste the following in the new script that pops up (without quotations)

```
CFBD_API_KEY = YOUR-API-KEY-HERE
```

Save the script and restart your RStudio session, by clicking Session (in between Plots and Build) and click Restart R (there also exists the shortcut Ctrl + Shift + F10 to restart your session).

If set correctly, from then on you should be able to use any of the cfb_ functions without any other changes.

For less consistent usage: At the beginning of every session or within an R environment, save your API key as the environment variable CFBD_API_KEY (**with** quotations) using a command like the following.

```
Sys.setenv(CFBD_API_KEY = "YOUR-API-KEY-HERE")
```

Get information about your API key, including your Patreon level and usage limits.

Value

Returns a data frame with 2 variables:

col_name	types	description
patron_level	integer	CFBD Patreon tier associated with the API key (0 = free tier, higher = paid tier).
remaining_calls	integer	Number of API calls remaining in the current rate-limit window for this key.

update_cfb_db

Update or create a cfbfastR play-by-play database**Description**

update_cfb_db() updates or creates a database with cfbfastR play by play data of all completed games since 2014.

Usage

```
update_cfb_db(
  dbdir = getOption("cfbfastR.dbdirectory", default = "."),
  dbname = "cfb_pbp_db",
  tblname = "cfbfastR_pbp",
  force_rebuild = FALSE,
  db_connection = NULL
)
```

Arguments

dbdir	Directory in which the database is or shall be located. Can also be set globally with options(cfbfastR.dbdirectory).
dbname	File name of an existing or desired SQLite database within dbdir
tblname	The name of the play by play data table within the database
force_rebuild	Hybrid parameter (logical or numeric) to rebuild parts of or the complete play by play data table within the database (please see details for further information)
db_connection	A DBIConnection object, as returned by DBI::dbConnect() (please see details for further information)

Details

This function creates and updates a data table with the name tblname within a SQLite database (other drivers via db_connection) located in dbdir and named dbname. The data table combines all play by play data for every available game back to the 2014 season and adds the most recent completed games as soon as they are available for cfbfastR.

The argument force_rebuild is of hybrid type. It can rebuild the play by play data table either for the whole cfbfastR era (with force_rebuild = TRUE) or just for specified seasons (e.g. force_rebuild = c(2019, 2020)). Please note the following behavior:

force_rebuild = TRUE : The data table with the name tblname will be removed completely and rebuilt from scratch. This is helpful when new columns are added during the Off-Season.

force_rebuild = c(2019, 2020) : The data table with the name tblname will be preserved and only rows from the 2019 and 2020 seasons will be deleted and re-added. This is intended to be used for ongoing seasons because ESPN's data provider can make changes to the underlying data during the week.

The parameter `db_connection` is intended for advanced users who want to use other DBI drivers, such as MariaDB, Postgres or `odbc`. Please note that the arguments `dbdir` and `dbname` are dropped in case a `db_connection` is provided but the argument `tblname` will still be used to write the data table into the database.

Value

Invisibly returns `NULL`. The function is called for its side effects.

See Also

Other loaders: [load_cfb_pbp\(\)](#), [load_cfb_rosters\(\)](#), [load_cfb_schedules\(\)](#), [load_cfb_teams\(\)](#)

yahoo_cfb_boxscore	Get Yahoo Sports college football boxscore (SCAFFOLD)
--------------------	--

Description

Returns the raw editorial boxscore/{game_id} JSON (as a nested list). The boxscore uses a normalized decoder-dictionary schema (`player_stats[playerId][variation][stat_type]` joined against `stat_types / stat_categories`); full decoding is a follow-up.

Usage

```
yahoo_cfb_boxscore(game_id)
```

Arguments

`game_id` (character, required): Dotted game id (e.g. "ncaaf.g.202509200023").

Value

The raw parsed JSON list (`service$boxscore`). TODO: decode to tibbles.

See Also

Other Yahoo CFB Functions: [yahoo_cfb_player_season_stats\(\)](#), [yahoo_cfb_player_season_stats_legacy\(\)](#), [yahoo_cfb_scoreboard\(\)](#), [yahoo_cfb_team_season_stats\(\)](#), [yahoo_cfb_team_season_stats_legacy\(\)](#)

Examples

```
try(yahoo_cfb_boxscore(game_id = "ncaaf.g.202509200023"))
```

`yahoo_cfb_player_season_stats`**Get Yahoo Sports college football player season stats (modern)**

Description

Flattens the shangrila leagueStatsIndividual response (all stat groups in one call) into one wide tibble with one row per player. NCAAAF data is available 2013-present.

Usage

```
yahoo_cfb_player_season_stats(  
  season = most_recent_cfb_season(),  
  league_structure = "ncaaf.struct.div.1",  
  count = 200,  
  qualified = FALSE  
)
```

Arguments

season	(integer): Season year (e.g. 2024). Defaults to <code>most_recent_cfb_season()</code> .
league_structure	(character): Division filter. Defaults to <code>"ncaaf.struct.div.1"</code> (FBS).
count	(integer): Max players. Defaults to 200.
qualified	(logical): Restrict to qualified leaders. Defaults to FALSE.

Value

A cfbfastR-tagged tibble with one row per player. Core columns:

- `player_id`: character.: Yahoo player id (`ncaaf.p.*`).
- `display_name`: character.: Player name.
- `team`: character.: Team display name.
- `team_abbreviation`: character.: Team abbreviation.
- `season`: integer.: Season echoed back.

Remaining columns are one per statId (e.g. `passing_yards`, `rushing_yards`, `receptions`, ...), value as displayed (character). Column set grows over time.

See Also

Other Yahoo CFB Functions: [yahoo_cfb_boxscore\(\)](#), [yahoo_cfb_player_season_stats_legacy\(\)](#), [yahoo_cfb_scoreboard\(\)](#), [yahoo_cfb_team_season_stats\(\)](#), [yahoo_cfb_team_season_stats_legacy\(\)](#)

Examples

```
try(yahoo_cfb_player_season_stats(season = 2024))
```

yahoo_cfb_scoreboard	Get Yahoo Sports college football scoreboard
----------------------	---

Description

Flattens the editorial scoreboard games map into one tibble (one row per game). The full payload also embeds teams/leagues/odds maps.

Usage

```
yahoo_cfb_scoreboard(season = most_recent_cfb_season(), week = 1, count = 500)
```

Arguments

- season (integer): Season year. Defaults to most_recent_cfb_season().
- week (integer): Schedule week. Defaults to 1.
- count (integer): Max games. Defaults to 500.

Value

A cfbfastR-tagged tibble with one row per game; columns are the Yahoo game fields (gameid, home_team_id, away_team_id, total_home_points, total_away_points, status_type,...) plus season and week. Column set varies with game state.

See Also

Other Yahoo CFB Functions: [yahoo_cfb_boxscore\(\)](#), [yahoo_cfb_player_season_stats\(\)](#), [yahoo_cfb_player_season_stats_legacy\(\)](#), [yahoo_cfb_team_season_stats\(\)](#), [yahoo_cfb_team_season_stats_legacy\(\)](#)

Examples

```
try(yahoo_cfb_scoreboard(season = 2024, week = 1))
```

yahoo_cfb_team_season_stats	Get Yahoo Sports college football team season stats (modern)
-----------------------------	---

Description

Flattens the shangrila leagueStatsByTeam response into one wide tibble with one row per team (all stat groups in one call).

Usage

```
yahoo_cfb_team_season_stats(
  season = most_recent_cfb_season(),
  league_structure = "ncaaf.struct.div.1",
  count = 200
)
```

Arguments

`season` (integer): Season year. Defaults to `most_recent_cfb_season()`.

`league_structure` (character): Division filter. Defaults to `"ncaaf.struct.div.1"`.

`count` (integer): Max teams. Defaults to 200.

Value

A `cfbfastR`-tagged tibble with one row per team: `team`, `team_abbreviation`, `season`, plus one column per `statId`.

See Also

Other Yahoo CFB Functions: [yahoo_cfb_boxscore\(\)](#), [yahoo_cfb_player_season_stats\(\)](#), [yahoo_cfb_player_season_stats_legacy\(\)](#), [yahoo_cfb_scoreboard\(\)](#), [yahoo_cfb_team_season_stats_legacy\(\)](#)

Examples

```
try(yahoo_cfb_team_season_stats(season = 2024))
```

yahoo_cfb_team_season_stats_legacy

Get Yahoo Sports CFB legacy per-category team stats

Description

Flattens a legacy `seasonTeamStatsFootball{Category}` query into a wide team tibble.

Usage

```
yahoo_cfb_team_season_stats_legacy(
  season = most_recent_cfb_season(),
  category = "Passing",
  sort_stat = "PASSING_YARDS",
  league_structure = "ncaaf.struct.div.1",
  count = 200
)
```


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