

Package: nwsIR (via r-universe)

September 19, 2026

Title Compiles dataset for the National Women's Soccer League (NWSL)

Version 0.0.1

Description nwsIR is an R package that allows users to access datasets for the National Women's Soccer League (NWSL). Founded in 2013, the NWSL is the United States' top professional women's soccer league, featuring players from all over the world.

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Encoding UTF-8

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Depends R (>= 3.6.0)

Imports glue, readr (>= 2.0.0), stringr

Config/pak/sysreqs libicu-dev libx11-dev

Repository <https://sportsdataverse.r-universe.dev>

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available_seasons	<i>All available seasons</i>
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Description

All available season names to pull data

Usage

available_seasons()

available_teams	<i>All available teams</i>
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Description

All available team abbreviations to pull data

Usage

available_teams()

load_matches	<i>Loads match table</i>
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Description

Loads match table that holds all matches played between 2016-present w/ match IDs

Usage

load_matches()

Note

Most, but not all, matches in table have associated stats that you can pull by feeding match ID into load_player_match_stats or load_team_match_stats. Match start times are in East Coast USA time.

load_metrics	<i>Metric definitions</i>
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Description

Data dictionary holding all definitions for metrics pulls from load_player_match_stats, load_team_match_stats, load_player_season_stats, load_team_season_stats

Usage

```
load_metrics()
```

Note

Not all metrics all available for all players, matches, teams, or seasons

load_player_match_stats	<i>Loads player level match stats</i>
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Description

Loads player level stats for a given match ID

Usage

```
load_player_match_stats(match_id = c())
```

Arguments

match_id	match id available from load_matches()
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Source

www.nws1soccer.com

See Also

See load_metrics for information about returned metrics. Not all metrics exist for a given match. Join on load_players() and load_teams().

Examples

```
match <- load_player_match_stats("portland-thorns-fc-vs-kansas-city-current-2022-10-29")
```

load_player_season_stats

Loads player level season stats

Description

Loads player level season stats for a given team ID/season

Usage

```
load_player_season_stats(team_id, season)
```

Arguments

team_id	team_id available from available_teams()
season	season available from available_seasons()

Source

www.nwslsoccer.com

See Also

See load_metrics for information about returned metrics. Not all metrics exist for a given match. Join on load_players() and load_teams().

Examples

```
season <- load_player_season_stats(team_id = "POR", season = "2022")
short_season <- load_player_season_stats(team_id = "POR", season = "2022_NWSL_Challenge_Cup")
```

load_players

Loads player table

Description

Loads player table that holds player IDs for all players who have made rosters 2016-present

Usage

```
load_players()
```

load_team_match_stats *Loads team level match stats*

Description

Loads team level stats for a given match ID

Usage

```
load_team_match_stats(match_id = c())
```

Arguments

match_id match id available from load_matches()

Source

www.nwslsoccer.com

See Also

See load_metrics for information about returned metrics. Not all metrics exist for a given match.
Join on load_teams().

Examples

```
match <- load_team_match_stats("portland-thorns-fc-vs-kansas-city-current-2022-10-29")
```

load_team_season_stats
Loads team level season stats

Description

Loads team level season stats for a given team ID/season

Usage

```
load_team_season_stats(team_id, season)
```

Arguments

team_id team_id available from available_teams()
season season available from available_seasons()

Source

www.nwslsoccer.com

See Also

See `load_metrics` for information about returned metrics. Not all metrics exist for a given match. Join on `load_teams()`.

Examples

```
season <- load_team_season_stats(team_id = "POR", season = "2022")
short_season <- load_team_season_stats(team_id = "POR", season = "2022_NWSL_Challenge_Cup")
```

load_teams	<i>Loads team table</i>
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Description

Loads team table that holds team IDs for all teams that have played from 2016-present

Usage

```
load_teams()
```

read_nwsl_data	<i>Provides user-friendly error messages</i>
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Description

Wrapper on `readr::read_csv()` to create better error messages when match data does not exist

Usage

```
read_nwsl_data(url)
```

Arguments

`url` url to pull file from

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