

# Package ‘ceblR’

July 22, 2025

**Title** Extract Data from the Canadian Elite Basketball League

**Version** 1.0.0

**Description** Gather boxscore and play-by-play data from the Canadian Elite Basketball League (CEBL) <<https://www.cebl.ca>> to create a repository of basic and advanced statistics for teams and players.

**License** MIT + file LICENSE

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**Imports** dplyr, lifecycle, magrittr, readr

**Suggests** knitr, rmarkdown, testthat (>= 3.0.0)

**Config/testthat/edition** 3

**URL** <https://github.com/awosoga/ceblR>, <https://awosoga.github.io/ceblR/>

**BugReports** <https://github.com/awosoga/ceblR/issues>

**VignetteBuilder** knitr

**NeedsCompilation** no

**Author** David Awosoga [aut, cre, cph] (ORCID:  
<<https://orcid.org/0000-0002-2741-5770>>),  
Matthew Chow [aut]

**Maintainer** David Awosoga <odo.awosoga@gmail.com>

**Repository** CRAN

**Date/Publication** 2025-07-19 09:10:23 UTC

## Contents

load_cebl_coaches . . . . .	2
load_cebl_officials . . . . .	3
load_cebl_pbp . . . . .	4
load_cebl_player_boxscores . . . . .	5
load_cebl_schedule . . . . .	6
load_cebl_team_boxscores . . . . .	8
<b>Index</b>	<b>11</b>

---

load_cebl_coaches	<b>Load CEBL Coaches</b>
-------------------	--------------------------

---

### Description

A function to load the Canadian Elite Basketball League (CEBL) coaches.

### Usage

```
load_cebl_coaches(seasons = NULL)
```

### Arguments

seasons            A vector of seasons (years) to filter the data.

### Value

A data frame containing the CEBL coaches for the specified seasons.

Column Name	Type
game_id	dbl
season	dbl
team_name	chr
coach_name	chr
coach_type	chr
first_name	chr
first_name_initial	chr
last_name	chr
last_name_initial	chr
international_first_name	chr
international_first_name_initial	chr
international_last_name	chr
international_last_name_initial	chr
scoreboard_name	chr

### Examples

```
load_cebl_coaches(2020:2021)
```

---

load_cebl_officials	<b>Load CEBL Officials</b>
---------------------	----------------------------

---

**Description**

A function to load the Canadian Elite Basketball League (CEBL) officials.

**Usage**

```
load_cebl_officials(seasons = NULL)
```

**Arguments**

seasons                    A vector of seasons (years) to filter the data.

**Value**

A data frame containing the CEBL officials for the specified seasons.

Column Name	Type
game_id	dbl
season	dbl
officials_type	chr
officials_name	chr
first_name	chr
last_name	chr
scoreboard_name	chr
first_name_initial	chr
last_name_initial	chr
international_first_name	chr
international_first_name_initial	chr
international_last_name	chr
international_last_name_initial	chr
scoreboard_name	chr

**Examples**

```
load_cebl_officials(2020:2021)
```

load\_cebl\_pbp

**Load CEBL Play-by-Play Data****Description**

A function to load the Canadian Elite Basketball League (CEBL) play-by-play data.

**Usage**

```
load_cebl_pbp(seasons = NULL)
```

**Arguments**

seasons            A vector of seasons (years) to filter the data.

**Value**

A data frame containing the CEBL play-by-play data for the specified seasons.

Column Name	Type
game_id	dbl
season	dbl
game_time	chr
home_score	dbl
away_score	dbl
home_lead	dbl
team_id	dbl
period	dbl
period_type	chr
player_id	dbl
scoreboard_name	chr
success	dbl
action_type	chr
action_number	dbl
previous_action	dbl
sub_type	chr
scoring	dbl
shirt_number	dbl
player_name	chr
first_name	chr
last_name	chr
x	dbl
y	dbl
qualifier_0	chr
qualifier_1	chr
qualifier_2	chr
qualifier_3	chr

international_first_name	chr
international_last_name	chr
international_first_name_initial	chr
international_last_name_initial	chr

Examples

```
load_cebl_pbp(2020)
```

---

load_cebl_player_boxscores
<b>Load CEBL Player Boxscores</b>

---

Description

A function to load the Canadian Elite Basketball League (CEBL) player boxscores.

Usage

```
load_cebl_player_boxscores(seasons = NULL)
```

Arguments

seasons            A vector of seasons (years) to filter the data.

Value

A data frame containing the CEBL player boxscores for the specified seasons.

Column Name	Type
game_id	dbl
season	dbl
team_name	chr
player_number	dbl
player_name	chr
player_position	chr
minutes	chr
podbls	dbl
field_goals_made	dbl
field_goals_attempted	dbl
field_goal_percentage	dbl
two_podbl_field_goals_made	dbl
two_podbl_field_goals_attempted	dbl
two_podbl__percentage	dbl
three_podbl_field_goals_made	dbl
three_podbl_field_goals_attempted	dbl

three_podbl_percentage	dbl
free_throws_made	dbl
free_throws_attempted	dbl
free_throw_percentage	dbl
offensive_rebounds	dbl
defensive_rebounds	dbl
rebounds	dbl
assists	dbl
turnovers	dbl
steals	dbl
blocks	dbl
blocks_received	dbl
personal_fouls	dbl
fouls_drawn	dbl
plus_minus	dbl
index_rating	dbl
index_rating_2	dbl
index_rating_3	dbl
index_rating_4	dbl
index_rating_5	dbl
index_rating_6	dbl
index_rating_7	lgl
second_chance_points	lgl
fast_break_points	lgl
points_in_the_paint	dbl
first_name	chr
first_name_initial	chr
last_name	chr
last_name_initial	chr
international_first_name	chr
international_first_name_initial	chr
international_last_name	chr
international_last_name_initial	chr
scoreboard_name	chr
active	lgl
starter	lgl
captain	lgl
photo_t	chr
photo_s	chr

Examples

```
load_cebl_player_boxscores(2020:2021)
```

---

load_cebl_schedule	<b>Load CEBL Game Schedule</b>
--------------------	--------------------------------

---

**Description**

A function to load the Canadian Elite Basketball League (CEBL) schedule.

**Usage**

```
load_cebl_schedule(seasons = NULL)
```

**Arguments**

**seasons** A vector of seasons (years) to filter the data. if NULL, defaults to the range from 2019 to the current year.

**Value**

A data frame containing the CEBL schedule for the specified seasons.

Column Name	Type
fiba_id	dbl
season	dbl
start_time_utc	dtm
status	chr
competition	chr
venue_name	chr
period	dbl
home_team_id	dbl
home_team_name	chr
home_team_score	dbl
home_team_logo_url	chr
home_team_url_stats_en	chr
home_team_url_stats_fr	chr
away_team_id	dbl
away_team_name	chr
away_team_score	dbl
away_team_logo_url	chr
away_team_url_stats_en	chr
away_team_url_stats_fr	chr
stats_url_en	chr
stats_url_fr	chr
cebl_stats_url_en	chr
cebl_stats_url_fr	chr
tickets_url_en	chr
tickets_url_fr	chr
id	dbl
fiba_json_url	chr

**Examples**

```
load_cebl_schedule(2020:2021)
```

---

load\_cebl\_team\_boxscores

### Load CEBL Team Boxscores

---

#### Description

A function to load the Canadian Elite Basketball League (CEBL) team boxscores.

#### Usage

```
load_cebl_team_boxscores(seasons = NULL)
```

#### Arguments

seasons                      A vector of seasons (years) to filter the data.

#### Value

A data frame containing the CEBL team boxscores for the specified seasons.

Column Name	Type
game_id	dbl
season	dbl
team_name	chr
short_name	chr
code	chr
team_score	dbl
minutes	chr
field_goals_made	dbl
field_goals_attempted	dbl
field_goal_percentage	dbl
two_point_field_goals_made	dbl
two_point_field_goals_attempted	dbl
two_point_percentage	dbl
three_point_field_goals_made	dbl
three_point_field_goals_attempted	dbl
three_point_percentage	dbl
free_throws_made	dbl
free_throws_attempted	dbl
free_throw_percentage	dbl
offensive_rebounds	dbl
defensive_rebounds	dbl
rebounds	dbl
assists	dbl
steals	dbl
turnovers	dbl
blocks	dbl



blocks_received	dbl
personal_fouls	dbl
fouls_drawn	dbl
total_fouls	dbl
bonus_fouls	dbl
points_in_the_paint	dbl
second_chance_points	dbl
points_from_turnovers	dbl
bench_points	dbl
fast_break_points	dbl
team_index_rating	dbl
team_index_rating_2	dbl
team_index_rating_3	dbl
team_index_rating_4	dbl
team_index_rating_5	dbl
team_index_rating_6	dbl
team_index_rating_7	dbl
team_fouls	dbl
team_turnovers	dbl
team_rebounds	dbl
team_defensive_rebounds	dbl
team_offensive_rebounds	dbl
period_1_score	dbl
period_2_score	dbl
period_3_score	dbl
period_4_score	dbl
biggest_lead	dbl
biggest_scoring_run	dbl
time_leading	dbl
lead_changes	dbl
times_scores_level	dbl
timeouts_left	dbl
head_coach	chr
assistant_coach_1	chr
assistant_coach_2	chr
international_team_name	chr
international_short_name	chr
international_code	chr
logo	chr
logo_t_url	chr
logo_t_size	chr
logo_t_height	dbl
logo_t_width	dbl
logo_t_bytes	dbl
logo_s_url	chr
logo_s_size	chr
logo_s_height	dbl
logo_s_width	dbl

10

*load\_cebl\_team\_boxscores*

logo\_s\_bytes

dbl

### **Examples**

```
load_cebl_team_boxscores(2020:2021)
```

# Index

`load_cebl_coaches`, [2](#)  
`load_cebl_officials`, [3](#)  
`load_cebl_pbp`, [4](#)  
`load_cebl_player_boxscores`, [5](#)  
`load_cebl_schedule`, [6](#)  
`load_cebl_team_boxscores`, [8](#)