

# Package ‘nblR’

February 6, 2023

**Type** Package

**Title** Data Extraction of Australian NBL Basketball Statistics

**Version** 0.0.4

**Description** Allow users to obtain basketball statistics for the Australian basketball league 'NBL'<<https://nbl.com.au/>>. Stats include play-by-play, shooting locations, results and box scores for teams and players.

**License** GPL-3

**URL** <https://github.com/JaseZiv/nblR>

**BugReports** <https://github.com/JaseZiv/nblR/issues>

**Depends** R (>= 4.0.0)

**Imports** magrittr, cli

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

**Encoding** UTF-8

**RoxygenNote** 7.2.1

**Config/testthat/edition** 3

**NeedsCompilation** no

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**Repository** CRAN

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nbl\_box\_player      *Get player box score data from the NBL*

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**Description**

Returns a data frame of all available player box scores data for NBL matches played since 2015-16

**Usage**

```
nbl_box_player()
```

**Value**

returns a dataframe of player box score data

**Examples**

```
try({  
  player_box <- nbl_box_player()  
})
```

---

nbl\_box\_team      *Get team box score data from the NBL*

---

**Description**

Returns a data frame of all available team box scores data for NBL matches played since 2015-16

**Usage**

```
nbl_box_team()
```

**Value**

returns a dataframe of team box score data

**Examples**

```
try({  
  team_box <- nbl_box_team()  
})
```

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nbl_pbp	<i>Get play-by-play data from the NBL</i>
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**Description**

Returns a data frame of all available play-by-play data for NBL matches played since 2015-16

**Usage**

```
nbl_pbp()
```

**Value**

returns a dataframe of play-by-play data

**Examples**

```
try({  
  pbp <- nbl_pbp()  
})
```

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nbl_results	<i>Get match results for all NBL matches</i>
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**Description**

Returns a data frame of all results in either wide or long form of all NBL matches played since 1979

**Usage**

```
nbl_results(wide_or_long)
```

**Arguments**

`wide_or_long` either 'wide' or 'long' to get either one row per match, or a row for each team for each match

**Value**

returns a dataframe of match results

**Examples**

```
try({  
  results_wide <- nbl_results(wide_or_long="wide")  
  results_long <- nbl_results(wide_or_long="long")  
})
```

---

`nbl_shots`*Get shots data from the NBL*

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**Description**

Returns a data frame of all available shot data for NBL matches played since 2015-16

**Usage**

```
nbl_shots()
```

**Value**

returns a dataframe of shot location data

**Examples**

```
try({  
shots <- nbl_shots()  
})
```

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