

# Package: nascaR.data (via r-universe)

August 23, 2024

**Title** NASCAR Race Data

**Version** 1.0.0

**Description** A collection of NASCAR race, driver, owner and manufacturer data across the three major NASCAR divisions: NASCAR Cup Series, NASCAR Xfinity Series, and NASCAR Craftsman Truck Series. The curated data begins with the 1949 season and extends through the end of the 2023 season. Data was sourced with permission from DriverAverages.com.

**LazyData** true

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**Depends** R (>= 3.5.0)

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.1

**Suggests** conflicted, ggtext, glue, gtsummary, here, knitr, quarto (>= 1.3.12), rmarkdown, roxygen2, rUM, scales, tidyverse

**VignetteBuilder** quarto

**URL** <https://github.com/kyleGrealis/nascaR.data/>,  
<https://kylegrealis.github.io/nascaR.data/>

**BugReports** <https://github.com/kyleGrealis/nascaR.data/issues>

**Repository** <https://kylegrealis.r-universe.dev>

**RemoteUrl** <https://github.com/kylegrealis/nascar.data>

**RemoteRef** HEAD

**RemoteSha** 6d346bbfec422611438922d3b27d325354cf9371

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cup_driver_career	<i>NASCAR Cup Series Driver Career Statistics</i>
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## Description

A collection of career statistics for drivers in the NASCAR Cup Series. The data includes career averages and totals for various performance metrics.

## Usage

cup\_driver\_career

## Format

A data frame with 2,973 rows and 23 variables:

**driver** chr: Driver's name

**career\_races** num: Total number of races driven in their career

**career\_wins** num: Total number of wins in their career

**career\_win\_pct** num: Win percentage for their career

**career\_top\_5** num: Total number of top 5 finishes in their career

**career\_top\_5\_pct** num: Percentage of top 5 finishes in their career

**career\_top\_10** num: Total number of top 10 finishes in their career

**career\_top\_10\_pct** num: Percentage of top 10 finishes in their career

**career\_top\_20** num: Total number of top 20 finishes in their career  
**career\_top\_20\_pct** num: Percentage of top 20 finishes in their career  
**career\_avg\_start** num: Average start position for their career  
**career\_best\_start** num: Best start position in their career  
**career\_worst\_start** num: Worst start position in their career  
**career\_avg\_finish** num: Average finish position for their career  
**career\_best\_finish** num: Best finish position in their career  
**career\_worst\_finish** num: Worst finish position in their career  
**career\_avg\_laps\_led** num: Average number of laps led per race in their career  
**career\_total\_laps\_led** num: Total number of laps led in their career  
**career\_most\_laps\_led** num: Most laps led in a single race in their career  
**career\_total\_money** num: Total earnings for their career (in dollars)  
**career\_avg\_money** num: Average earnings per race for their career (in dollars)  
**career\_max\_race\_money** num: Highest earnings in a single race for their career (in dollars)  
**career\_min\_race\_money** num: Lowest earnings in a single race for their career (in dollars)

### Source

<https://www.driveraverages.com/nascar/nascar-stats.php>  
[https://en.wikipedia.org/wiki/NASCAR\\_Cup\\_Series](https://en.wikipedia.org/wiki/NASCAR_Cup_Series)

### Examples

```
data(cup_driver_career)
```

---

cup_driver_season	<i>NASCAR Cup Series Driver Season Statistics</i>
-------------------	---

---

### Description

A collection of NASCAR Cup Series driver season statistics from 1949 through the completion of the 2023 season. This dataset includes various performance metrics for each driver over each season.

### Usage

```
cup_driver_season
```

**Format**

A data frame with 9,665 rows and 26 variables:

**season** num: Racing season (1949-2023)

**driver** chr: Driver's name

**season\_races** num: Number of races participated in that season

**season\_wins** num: Number of wins in that season

**season\_win\_pct** num: Win percentage in that season

**season\_top\_5** num: Number of top 5 finishes in that season

**season\_top\_5\_pct** num: Top 5 percentage in that season

**season\_top\_10** num: Number of top 10 finishes in that season

**season\_top\_10\_pct** num: Top 10 percentage in that season

**season\_top\_20** num: Number of top 20 finishes in that season

**season\_top\_20\_pct** num: Top 20 percentage in that season

**season\_avg\_start** num: Average start position in that season

**season\_best\_start** num: Best start position in that season

**season\_worst\_start** num: Worst start position in that season

**season\_avg\_finish** num: Average finish position in that season

**season\_best\_finish** num: Best finish position in that season

**season\_worst\_finish** num: Worst finish position in that season

**season\_avg\_laps\_led** num: Average number of laps led per race in that season

**season\_total\_laps\_led** num: Total number of laps led in that season

**season\_most\_laps\_led** num: Most laps led in a single race in that season

**season\_avg\_points** num: Average points earned per race in that season

**season\_avg\_playoff\_pts** num: Average playoff points earned per race in that season

**season\_total\_money** num: Total earnings in that season (in dollars)

**season\_avg\_money** num: Average earnings per race in that season (in dollars)

**season\_max\_race\_money** num: Maximum earnings in a single race in that season (in dollars)

**season\_min\_race\_money** num: Minimum earnings in a single race in that season (in dollars)

**Source**

<https://www.driveraverages.com/nascar/nascar-stats.php>

[https://en.wikipedia.org/wiki/NASCAR\\_Cup\\_Series](https://en.wikipedia.org/wiki/NASCAR_Cup_Series)

**Examples**

```
data(cup_driver_season)
```

---

cup_mfg_overall	<i>NASCAR Cup Series Manufacturer Overall Statistics</i>
-----------------	--

---

### Description

A collection of overall statistics for manufacturers in the NASCAR Cup Series. The data includes overall totals and averages for various performance metrics.

### Usage

```
cup_mfg_overall
```

### Format

A data frame with 361 rows and 13 variables:

**manufacturer** chr: Manufacturer name

**mfg\_overall\_races** num: Total number of races for the manufacturer

**mfg\_overall\_wins** num: Total number of wins for the manufacturer

**mfg\_overall\_win\_pct** num: Win percentage for the manufacturer

**mfg\_overall\_top\_5** num: Total number of top 5 finishes for the manufacturer

**mfg\_overall\_top\_10** num: Total number of top 10 finishes for the manufacturer

**mfg\_overall\_top\_20** num: Total number of top 20 finishes for the manufacturer

**mfg\_overall\_cars\_raced** num: Total number of cars raced by the manufacturer

**mfg\_overall\_car\_win\_pct** num: Win percentage at the car level for the manufacturer

**mfg\_overall\_avg\_start** num: Average start position for the manufacturer

**mfg\_overall\_avg\_finish** num: Average finish position for the manufacturer

**mfg\_overall\_laps\_led** num: Total number of laps led by the manufacturer

**mfg\_overall\_avg\_laps\_led** num: Average number of laps led per race for the manufacturer

### Source

<https://www.driveraverages.com/nascar/nascar-stats.php>

[https://en.wikipedia.org/wiki/NASCAR\\_Cup\\_Series](https://en.wikipedia.org/wiki/NASCAR_Cup_Series)

### Examples

```
data(cup_mfg_overall)
```

---

`cup_mfg_season`*NASCAR Cup Series Manufacturer Season Statistics*

---

### Description

A collection of season statistics for manufacturers in the NASCAR Cup Series. The data includes season totals and averages for various performance metrics.

### Usage

`cup_mfg_season`

### Format

A data frame with 1,109 rows and 14 variables:

**manufacturer** chr: Manufacturer name

**season** num: Racing season

**mfg\_season\_races** num: Total number of races for the manufacturer in the season

**mfg\_season\_wins** num: Total number of wins for the manufacturer in the season

**mfg\_season\_top\_5** num: Total number of top 5 finishes for the manufacturer in the season

**mfg\_season\_top\_10** num: Total number of top 10 finishes for the manufacturer in the season

**mfg\_season\_top\_20** num: Total number of top 20 finishes for the manufacturer in the season

**mfg\_season\_win\_pct** num: Win percentage for the manufacturer in the season

**mfg\_season\_cars\_raced** num: Total number of cars raced by the manufacturer in the season

**mfg\_season\_car\_win\_pct** num: Win percentage at the car level for the manufacturer in the season

**mfg\_season\_avg\_start** num: Average start position for the manufacturer in the season

**mfg\_season\_avg\_finish** num: Average finish position for the manufacturer in the season

**mfg\_season\_avg\_laps\_led** num: Average number of laps led per race for the manufacturer in the season

**mfg\_season\_laps\_led** num: Total number of laps led by the manufacturer in the season

### Source

<https://www.driveraverages.com/nascar/nascar-stats.php>

[https://en.wikipedia.org/wiki/NASCAR\\_Cup\\_Series](https://en.wikipedia.org/wiki/NASCAR_Cup_Series)

### Examples

```
data(cup_mfg_season)
```

---

cup\_owner\_career      *NASCAR Cup Series Owner Career Statistics*

---

### Description

A collection of career statistics for owners in the NASCAR Cup Series. The data includes career totals and averages for various performance metrics.

### Usage

```
cup_owner_career
```

### Format

A data frame with 2270 rows and 13 variables:

**owner** chr: Owner name

**owner\_overall\_races** num: Total number of races for the owner in their career

**owner\_overall\_wins** num: Total number of wins for the owner in their career

**owner\_overall\_win\_pct** num: Win percentage for the owner in their career

**owner\_overall\_top\_5** num: Total number of top 5 finishes for the owner in their career

**owner\_overall\_top\_10** num: Total number of top 10 finishes for the owner in their career

**owner\_overall\_top\_20** num: Total number of top 20 finishes for the owner in their career

**owner\_overall\_cars\_raced** num: Total number of cars raced by the owner in their career

**owner\_overall\_car\_win\_pct** num: Win percentage at the car level for the owner in their career

**owner\_overall\_avg\_start** num: Average start position for the owner in their career

**owner\_overall\_avg\_finish** num: Average finish position for the owner in their career

**owner\_overall\_laps\_led** num: Total number of laps led by the owner in their career

**owner\_overall\_avg\_laps\_led** num: Average number of laps led per race for the owner in their career

### Source

<https://www.driveraverages.com/nascar/nascar-stats.php>

[https://en.wikipedia.org/wiki/NASCAR\\_Cup\\_Series](https://en.wikipedia.org/wiki/NASCAR_Cup_Series)

### Examples

```
data(cup_owner_career)
```

---

cup\_owner\_season      *NASCAR Cup Series Owner Season Statistics*

---

### Description

A collection of season statistics for owners in the NASCAR Cup Series. The data includes season totals and averages for various performance metrics.

### Usage

```
cup_owner_season
```

### Format

A data frame with 6560 rows and 14 variables:

**owner chr:** Owner name

**season num:** Racing season (1949-2023)

**owner\_season\_races num:** Total number of races for the owner in the season

**owner\_season\_wins num:** Total number of wins for the owner in the season

**owner\_season\_top\_5 num:** Total number of top 5 finishes for the owner in the season

**owner\_season\_top\_10 num:** Total number of top 10 finishes for the owner in the season

**owner\_season\_top\_20 num:** Total number of top 20 finishes for the owner in the season

**owner\_season\_win\_pct num:** Win percentage for the owner in the season

**owner\_season\_cars\_raced num:** Total number of cars raced by the owner in the season

**owner\_season\_car\_win\_pct num:** Win percentage at the car level for the owner in the season

**owner\_season\_avg\_start num:** Average start position for the owner in the season

**owner\_season\_avg\_finish num:** Average finish position for the owner in the season

**owner\_season\_avg\_laps\_led num:** Average number of laps led per race for the owner in the season

**owner\_season\_laps\_led num:** Total number of laps led by the owner in the season

### Source

<https://www.driveraverages.com/nascar/nascar-stats.php>

[https://en.wikipedia.org/wiki/NASCAR\\_Cup\\_Series](https://en.wikipedia.org/wiki/NASCAR_Cup_Series)

### Examples

```
data(cup_owner_season)
```

---

cup\_race\_data                      *NASCAR Cup Series Results*

---

### Description

A collection of NASCAR's top level competitive race series results from the first race in 1949 through the completion of the 2023 season. The series has undergone several name changes, including its start as the Strictly Stock and Grand National to Winston Cup through the current NASCAR Cup Series.

### Usage

cup\_race\_data

### Format

A data frame with 97,474 rows and 23 variables:

**season** num: Racing season (1949-2023)

**race** num: Chronological race number for that season (1-62)

**site** chr: Location of the race (city)

**track** chr: Race track name

**track\_length** num: Race track length, in miles

**track\_type** chr: Race track surface (dirt track, paved track, road course)

**finish** num: Finish position in the race

**start** num: Start position in the race

**driver** chr: Driver's name

**manufacturer** chr: Car manufacturer (e.g., "Chevrolet", "Ford", "Toyota")

**car\_number** chr: Car number

**owner** chr: Car owner

**sponsor** chr: Car sponsor

**win** num: Indicator variable for win; 1 = win, 0 = did not win

**top\_5** num: Indicator variable for finish position in 5th place or better; 1 = yes, 0 = no

**top\_10** num: Indicator variable for finish position in 10th place or better; 1 = yes, 0 = no

**top\_20** num: Indicator variable for finish position in 20th place or better; 1 = yes, 0 = no

**laps** num: Number of laps completed in the race

**laps\_led** num: Number of laps led in the race

**status** chr: Status at the end of the race (e.g., "Running", "Accident"), if available

**money** num: Total race earning (in dollars) not including bonus money, if available. No available data beginning with the 2016 season.

**pts** num: Points earned in the race. Available beginning with the 1975 season.

**playoff\_pts** num: Playoff points earned in the race. Available beginning with the 2017 season.

**Source**

<https://www.driveraverages.com/nascar/nascar-stats.php>  
[https://en.wikipedia.org/wiki/NASCAR\\_Cup\\_Series](https://en.wikipedia.org/wiki/NASCAR_Cup_Series)

**Examples**

```
data(cup_race_data)
```

---

truck_driver_career	<i>NASCAR Truck Series Driver Career Statistics</i>
---------------------	---

---

**Description**

A collection of career statistics for drivers in the NASCAR Truck Series. The data includes career averages and totals for various performance metrics.

**Usage**

```
truck_driver_career
```

**Format**

A data frame with 1,058 rows and 23 variables:

**driver** chr: Driver's name  
**career\_races** num: Total number of races driven in their career  
**career\_wins** num: Total number of wins in their career  
**career\_win\_pct** num: Win percentage for their career  
**career\_top\_5** num: Total number of top 5 finishes in their career  
**career\_top\_5\_pct** num: Percentage of top 5 finishes in their career  
**career\_top\_10** num: Total number of top 10 finishes in their career  
**career\_top\_10\_pct** num: Percentage of top 10 finishes in their career  
**career\_top\_20** num: Total number of top 20 finishes in their career  
**career\_top\_20\_pct** num: Percentage of top 20 finishes in their career  
**career\_avg\_start** num: Average start position for their career  
**career\_best\_start** num: Best start position in their career  
**career\_worst\_start** num: Worst start position in their career  
**career\_avg\_finish** num: Average finish position for their career  
**career\_best\_finish** num: Best finish position in their career  
**career\_worst\_finish** num: Worst finish position in their career  
**career\_avg\_laps\_led** num: Average number of laps led per race in their career  
**career\_total\_laps\_led** num: Total number of laps led in their career

**career\_most\_laps\_led** num: Most laps led in a single race in their career  
**career\_total\_money** num: Total earnings for their career (in dollars)  
**career\_avg\_money** num: Average earnings per race for their career (in dollars)  
**career\_max\_race\_money** num: Highest earnings in a single race for their career (in dollars)  
**career\_min\_race\_money** num: Lowest earnings in a single race for their career (in dollars)

### Source

[https://www.driveraverages.com/nascar\\_truckseries/](https://www.driveraverages.com/nascar_truckseries/)  
[https://en.wikipedia.org/wiki/NASCAR\\_Craftsman\\_Truck\\_Series](https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series)

### Examples

```
data(truck_driver_career)
```

---

truck\_driver\_season    *NASCAR Truck Series Driver Season Statistics*

---

### Description

A collection of season statistics for drivers in the NASCAR Truck Series. The data includes season averages and totals for various performance metrics.

### Usage

```
truck_driver_season
```

### Format

A data frame with 3,224 rows and 26 variables:

**season** num: Racing season (1995-2023)  
**driver** chr: Driver's name  
**season\_races** num: Total number of races driven in the season  
**season\_wins** num: Total number of wins in the season  
**season\_win\_pct** num: Win percentage for the season  
**season\_top\_5** num: Total number of top 5 finishes in the season  
**season\_top\_5\_pct** num: Percentage of top 5 finishes in the season  
**season\_top\_10** num: Total number of top 10 finishes in the season  
**season\_top\_10\_pct** num: Percentage of top 10 finishes in the season  
**season\_top\_20** num: Total number of top 20 finishes in the season  
**season\_top\_20\_pct** num: Percentage of top 20 finishes in the season  
**season\_avg\_start** num: Average start position for the season

**season\_best\_start** num: Best start position in the season  
**season\_worst\_start** num: Worst start position in the season  
**season\_avg\_finish** num: Average finish position for the season  
**season\_best\_finish** num: Best finish position in the season  
**season\_worst\_finish** num: Worst finish position in the season  
**season\_avg\_laps\_led** num: Average number of laps led per race in the season  
**season\_total\_laps\_led** num: Total number of laps led in the season  
**season\_most\_laps\_led** num: Most laps led in a single race in the season  
**season\_avg\_points** num: Average points earned per race in the season  
**season\_avg\_playoff\_pts** num: Average playoff points earned per race in the season  
**season\_total\_money** num: Total earnings for the season (in dollars)  
**season\_avg\_money** num: Average earnings per race for the season (in dollars)  
**season\_max\_race\_money** num: Highest earnings in a single race for the season (in dollars)  
**season\_min\_race\_money** num: Lowest earnings in a single race for the season (in dollars)

### Source

[https://www.driveraverages.com/nascar\\_truckseries/](https://www.driveraverages.com/nascar_truckseries/)  
[https://en.wikipedia.org/wiki/NASCAR\\_Craftsman\\_Truck\\_Series](https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series)

### Examples

```
data(truck_driver_season)
```

---

truck_mfg_overall	<i>NASCAR Truck Series Manufacturer Overall Statistics</i>
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---

### Description

A collection of overall statistics for manufacturers in the NASCAR Truck Series. The data includes overall totals and averages for various performance metrics.

### Usage

```
truck_mfg_overall
```

**Format**

A data frame with 5 rows and 13 variables:

**manufacturer** chr: Manufacturer name  
**mfg\_overall\_races** num: Total number of races for the manufacturer  
**mfg\_overall\_wins** num: Total number of wins for the manufacturer  
**mfg\_overall\_win\_pct** num: Win percentage for the manufacturer  
**mfg\_overall\_top\_5** num: Total number of top 5 finishes for the manufacturer  
**mfg\_overall\_top\_10** num: Total number of top 10 finishes for the manufacturer  
**mfg\_overall\_top\_20** num: Total number of top 20 finishes for the manufacturer  
**mfg\_overall\_trucks\_raced** num: Total number of trucks raced by the manufacturer  
**mfg\_overall\_truck\_win\_pct** num: Win percentage at the truck level  
**mfg\_overall\_avg\_start** num: Average start position for the manufacturer  
**mfg\_overall\_avg\_finish** num: Average finish position for the manufacturer  
**mfg\_overall\_laps\_led** num: Total number of laps led by the manufacturer  
**mfg\_overall\_avg\_laps\_led** num: Average number of laps led per race for the manufacturer

**Source**

[https://www.driveraverages.com/nascar\\_truckseries/](https://www.driveraverages.com/nascar_truckseries/)  
[https://en.wikipedia.org/wiki/NASCAR\\_Craftsman\\_Truck\\_Series](https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series)

**Examples**

```
data(truck_mfg_overall)
```

---

truck_mfg_season	<i>NASCAR Truck Series Manufacturer Season Statistics</i>
------------------	---

---

**Description**

A collection of season statistics for manufacturers in the NASCAR Truck Series. The data includes season totals and averages for various performance metrics.

**Usage**

```
truck_mfg_season
```

**Format**

A data frame with 100 rows and 14 variables:

**manufacturer** chr: Manufacturer name

**season** num: Racing season (1995-2023)

**mfg\_season\_races** num: Total number of races for the manufacturer in the season

**mfg\_season\_wins** num: Total number of wins for the manufacturer in the season

**mfg\_season\_top\_5** num: Total number of top 5 finishes for the manufacturer in the season

**mfg\_season\_top\_10** num: Total number of top 10 finishes for the manufacturer in the season

**mfg\_season\_top\_20** num: Total number of top 20 finishes for the manufacturer in the season

**mfg\_season\_win\_pct** num: Win percentage for the manufacturer in the season

**mfg\_season\_trucks\_raced** num: Total number of trucks raced by the manufacturer in the season

**mfg\_season\_truck\_win\_pct** num: Win percentage at the truck level for the manufacturer in the season

**mfg\_season\_avg\_start** num: Average start position for the manufacturer in the season

**mfg\_season\_avg\_finish** num: Average finish position for the manufacturer in the season

**mfg\_season\_avg\_laps\_led** num: Average number of laps led per race for the manufacturer in the season

**mfg\_season\_laps\_led** num: Total number of laps led by the manufacturer in the season

**Source**

[https://www.driveraverages.com/nascar\\_truckseries/](https://www.driveraverages.com/nascar_truckseries/)

[https://en.wikipedia.org/wiki/NASCAR\\_Craftsman\\_Truck\\_Series](https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series)

**Examples**

```
data(truck_mfg_season)
```

---

truck_owner_career	<i>NASCAR Truck Series Owner Career Statistics</i>
--------------------	--

---

**Description**

A collection of career statistics for owners in the NASCAR Truck Series. The data includes career totals and averages for various performance metrics.

**Usage**

```
truck_owner_career
```

**Format**

A data frame with 492 rows and 13 variables:

**owner** chr: Owner name

**owner\_overall\_races** num: Total number of races for the owner in their career

**owner\_overall\_wins** num: Total number of wins for the owner in their career

**owner\_overall\_win\_pct** num: Win percentage for the owner in their career

**owner\_overall\_top\_5** num: Total number of top 5 finishes for the owner in their career

**owner\_overall\_top\_10** num: Total number of top 10 finishes for the owner in their career

**owner\_overall\_top\_20** num: Total number of top 20 finishes for the owner in their career

**owner\_overall\_trucks\_raced** num: Total number of trucks raced by the owner in their career

**owner\_overall\_truck\_win\_pct** num: Win percentage at the truck level for the owner in their career

**owner\_overall\_avg\_start** num: Average start position for the owner in their career

**owner\_overall\_avg\_finish** num: Average finish position for the owner in their career

**owner\_overall\_avg\_laps\_led** num: Average number of laps led per race for the owner in their career

**owner\_overall\_laps\_led** num: Total number of laps led by the owner in their career

**Source**

[https://www.driveraverages.com/nascar\\_truckseries/](https://www.driveraverages.com/nascar_truckseries/)

[https://en.wikipedia.org/wiki/NASCAR\\_Craftsman\\_Truck\\_Series](https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series)

**Examples**

```
data(truck_owner_career)
```

---

truck_owner_season	<i>NASCAR Truck Series Owner Season Statistics</i>
--------------------	--

---

**Description**

A collection of season statistics for owners in the NASCAR Truck Series. The data includes season totals and averages for various performance metrics.

**Usage**

```
truck_owner_season
```

**Format**

A data frame with 1507 rows and 14 variables:

**owner** chr: Owner name  
**season** num: Racing season (1995-2023)  
**owner\_season\_races** num: Total number of races for the owner in the season  
**owner\_season\_wins** num: Total number of wins for the owner in the season  
**owner\_season\_top\_5** num: Total number of top 5 finishes for the owner in the season  
**owner\_season\_top\_10** num: Total number of top 10 finishes for the owner in the season  
**owner\_season\_top\_20** num: Total number of top 20 finishes for the owner in the season  
**owner\_season\_win\_pct** num: Win percentage for the owner in the season  
**owner\_season\_trucks\_raced** num: Total number of trucks raced by the owner in the season  
**owner\_season\_truck\_win\_pct** num: Win percentage at the truck level for the owner in the season  
**owner\_season\_avg\_start** num: Average start position for the owner in the season  
**owner\_season\_avg\_finish** num: Average finish position for the owner in the season  
**owner\_season\_avg\_laps\_led** num: Average number of laps led per race for the owner in the season  
**owner\_season\_laps\_led** num: Total number of laps led by the owner in the season

**Source**

[https://www.driveraverages.com/nascar\\_truckseries/](https://www.driveraverages.com/nascar_truckseries/)  
[https://en.wikipedia.org/wiki/NASCAR\\_Craftsman\\_Truck\\_Series](https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series)

**Examples**

```
data(truck_owner_season)
```

---

truck_race_data	<i>NASCAR truck Series Results</i>
-----------------	------------------------------------

---

**Description**

A collection of NASCAR's pickup truck race series results from the first race in 1995 through the completion of the 2023 season. The series has undergone name changes, originating with the NASCAR Craftsman Truck Series to the Camping World and Gander Outdoors Truck Series and returning to the Craftsman Truck Series.

**Usage**

```
truck_race_data
```

**Format**

A data frame with 23,836 rows and 23 variables:

**season** num: Racing season (1995-2023)

**race** num: Chronological race number for that season (1-27)

**site** chr: Location of the race (city)

**track** chr: Race track name

**track\_length** num: Race track length, in miles

**track\_type** chr: Race track surface (dirt track, paved track, road course)

**finish** num: Finish position in the race

**start** num: Start position in the race

**driver** chr: Driver's name

**manufacturer** chr: Truck manufacturer ("Chevrolet", "Dodge", "Ford", "Toyota", "RAM")

**truck\_number** chr: Truck number

**owner** chr: Truck owner

**sponsor** chr: Truck sponsor

**win** num: Indicator variable for win; 1 = win, 0 = did not win

**top\_5** num: Indicator variable for finish position in 5th place or better; 1 = yes, 0 = no

**top\_10** num: Indicator variable for finish position in 10th place or better; 1 = yes, 0 = no

**top\_20** num: Indicator variable for finish position in 20th place or better; 1 = yes, 0 = no

**laps** num: Number of laps completed in the race

**laps\_led** num: Number of laps led in the race

**status** chr: Status at the end of the race (e.g., "Running", "Accident")

**money** num: Total race earning (in dollars) not including bonus money, if available. No available data beginning with the 2016 season.

**pts** num: Points earned in the race

**playoff\_pts** num: Playoff points earned in the race. Available beginning with the 2017 season.

**Source**

[https://www.driveraverages.com/nascar\\_truckseries/](https://www.driveraverages.com/nascar_truckseries/)

[https://en.wikipedia.org/wiki/NASCAR\\_Craftsman\\_Truck\\_Series](https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series)

**Examples**

```
data(truck_race_data)
```

---

xfinity\_driver\_career *NASCAR Xfinity Series Driver Career Statistics*

---

### Description

A collection of career statistics for drivers in the NASCAR Xfinity Series. The data includes career averages and totals for various performance metrics.

### Usage

```
xfinity_driver_career
```

### Format

A data frame with 1,308 rows and 23 variables:

**driver** chr: Driver's name  
**career\_races** num: Total number of races driven in their career  
**career\_wins** num: Total number of wins in their career  
**career\_win\_pct** num: Win percentage for their career  
**career\_top\_5** num: Total number of top 5 finishes in their career  
**career\_top\_5\_pct** num: Percentage of top 5 finishes in their career  
**career\_top\_10** num: Total number of top 10 finishes in their career  
**career\_top\_10\_pct** num: Percentage of top 10 finishes in their career  
**career\_top\_20** num: Total number of top 20 finishes in their career  
**career\_top\_20\_pct** num: Percentage of top 20 finishes in their career  
**career\_avg\_start** num: Average start position for their career  
**career\_best\_start** num: Best start position in their career  
**career\_worst\_start** num: Worst start position in their career  
**career\_avg\_finish** num: Average finish position for their career  
**career\_best\_finish** num: Best finish position in their career  
**career\_worst\_finish** num: Worst finish position in their career  
**career\_avg\_laps\_led** num: Average number of laps led per race in their career  
**career\_total\_laps\_led** num: Total number of laps led in their career  
**career\_most\_laps\_led** num: Most laps led in a single race in their career  
**career\_total\_money** num: Total earnings for their career (in dollars)  
**career\_avg\_money** num: Average earnings per race for their career (in dollars)  
**career\_max\_race\_money** num: Highest earnings in a single race for their career (in dollars)  
**career\_min\_race\_money** num: Lowest earnings in a single race for their career (in dollars)

**Source**

[https://www.driveraverages.com/nascar\\_xfinityseries/](https://www.driveraverages.com/nascar_xfinityseries/)  
[https://en.wikipedia.org/wiki/NASCAR\\_Xfinity\\_Series](https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series)

**Examples**

```
data(xfinity_driver_career)
```

---

xfinity\_driver\_season *NASCAR Xfinity Series Driver Season Statistics*

---

**Description**

A collection of season statistics for drivers in the NASCAR Xfinity Series. The data includes season averages and totals for various performance metrics.

**Usage**

```
xfinity_driver_season
```

**Format**

A data frame with 5,394 rows and 26 variables:

**season** num: Racing season (1982-2023)

**driver** chr: Driver's name

**season\_races** num: Total number of races driven in the season

**season\_wins** num: Total number of wins in the season

**season\_win\_pct** num: Win percentage for the season

**season\_top\_5** num: Total number of top 5 finishes in the season

**season\_top\_5\_pct** num: Percentage of top 5 finishes in the season

**season\_top\_10** num: Total number of top 10 finishes in the season

**season\_top\_10\_pct** num: Percentage of top 10 finishes in the season

**season\_top\_20** num: Total number of top 20 finishes in the season

**season\_top\_20\_pct** num: Percentage of top 20 finishes in the season

**season\_avg\_start** num: Average start position for the season

**season\_best\_start** num: Best start position in the season

**season\_worst\_start** num: Worst start position in the season

**season\_avg\_finish** num: Average finish position for the season

**season\_best\_finish** num: Best finish position in the season

**season\_worst\_finish** num: Worst finish position in the season

**season\_avg\_laps\_led** num: Average number of laps led per race in the season

**season\_total\_laps\_led** num: Total number of laps led in the season  
**season\_most\_laps\_led** num: Most laps led in a single race in the season  
**season\_avg\_points** num: Average points earned per race in the season  
**season\_avg\_playoff\_pts** num: Average playoff points earned per race in the season  
**season\_total\_money** num: Total earnings for the season (in dollars)  
**season\_avg\_money** num: Average earnings per race for the season (in dollars)  
**season\_max\_race\_money** num: Highest earnings in a single race for the season (in dollars)  
**season\_min\_race\_money** num: Lowest earnings in a single race for the season (in dollars)

### Source

[https://www.driveraverages.com/nascar\\_xfinityseries/](https://www.driveraverages.com/nascar_xfinityseries/)  
[https://en.wikipedia.org/wiki/NASCAR\\_Xfinity\\_Series](https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series)

### Examples

```
data(xfinity_driver_season)
```

---

xfinity\_mfg\_overall    *NASCAR Xfinity Series Manufacturer Overall Statistics*

---

### Description

A collection of overall statistics for manufacturers in the NASCAR Xfinity Series. The data includes overall totals and averages for various performance metrics.

### Usage

```
xfinity_mfg_overall
```

### Format

A data frame with 9 rows and 13 variables:

**manufacturer** chr: Manufacturer name  
**mfg\_overall\_races** num: Total number of races for the manufacturer  
**mfg\_overall\_wins** num: Total number of wins for the manufacturer  
**mfg\_overall\_win\_pct** num: Win percentage for the manufacturer  
**mfg\_overall\_top\_5** num: Total number of top 5 finishes for the manufacturer  
**mfg\_overall\_top\_10** num: Total number of top 10 finishes for the manufacturer  
**mfg\_overall\_top\_20** num: Total number of top 20 finishes for the manufacturer  
**mfg\_overall\_cars\_raced** num: Total number of cars raced by the manufacturer  
**mfg\_overall\_car\_win\_pct** num: Win percentage at the car level for the manufacturer

**mfg\_overall\_avg\_start** num: Average start position for the manufacturer  
**mfg\_overall\_avg\_finish** num: Average finish position for the manufacturer  
**mfg\_overall\_laps\_led** num: Total number of laps led by the manufacturer  
**mfg\_overall\_avg\_laps\_led** num: Average number of laps led per race for the manufacturer

### Source

[https://www.driveraverages.com/nascar\\_xfinityseries/](https://www.driveraverages.com/nascar_xfinityseries/)  
[https://en.wikipedia.org/wiki/NASCAR\\_Xfinity\\_Series](https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series)

### Examples

```
data(xfinity_mfg_overall)
```

---

xfinity_mfg_season	<i>NASCAR Xfinity Series Manufacturer Season Statistics</i>
--------------------	---

---

### Description

A collection of season statistics for manufacturers in the NASCAR Xfinity Series. The data includes season totals and averages for various performance metrics.

### Usage

```
xfinity_mfg_season
```

### Format

A data frame with 179 rows and 14 variables:

**manufacturer** chr: Manufacturer name  
**season** num: Racing season (1982-2023)  
**mfg\_season\_races** num: Total number of races for the manufacturer in the season  
**mfg\_season\_wins** num: Total number of wins for the manufacturer in the season  
**mfg\_season\_top\_5** num: Total number of top 5 finishes for the manufacturer in the season  
**mfg\_season\_top\_10** num: Total number of top 10 finishes for the manufacturer in the season  
**mfg\_season\_top\_20** num: Total number of top 20 finishes for the manufacturer in the season  
**mfg\_season\_win\_pct** num: Win percentage for the manufacturer in the season  
**mfg\_season\_cars\_raced** num: Total number of cars raced by the manufacturer in the season  
**mfg\_season\_car\_win\_pct** num: Win percentage at the car level for the manufacturer in the season  
**mfg\_season\_avg\_start** num: Average start position for the manufacturer in the season  
**mfg\_season\_avg\_finish** num: Average finish position for the manufacturer in the season  
**mfg\_season\_avg\_laps\_led** num: Average number of laps led per race for the manufacturer in the season  
**mfg\_season\_laps\_led** num: Total number of laps led by the manufacturer in the season

**Source**

[https://www.driveraverages.com/nascar\\_xfinityseries/](https://www.driveraverages.com/nascar_xfinityseries/)  
[https://en.wikipedia.org/wiki/NASCAR\\_Xfinity\\_Series](https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series)

**Examples**

```
data(xfinity_mfg_season)
```

---

xfinity\_owner\_career *NASCAR Xfinity Series Owner Career Statistics*

---

**Description**

A collection of career statistics for owners in the NASCAR Xfinity Series. The data includes career totals and averages for various performance metrics.

**Usage**

```
xfinity_owner_career
```

**Format**

A data frame with 1241 rows and 13 variables:

**owner** chr: Owner name

**owner\_overall\_races** num: Total number of races for the owner in their career

**owner\_overall\_wins** num: Total number of wins for the owner in their career

**owner\_overall\_win\_pct** num: Win percentage for the owner in their career

**owner\_overall\_top\_5** num: Total number of top 5 finishes for the owner in their career

**owner\_overall\_top\_10** num: Total number of top 10 finishes for the owner in their career

**owner\_overall\_top\_20** num: Total number of top 20 finishes for the owner in their career

**owner\_overall\_cars\_raced** num: Total number of cars raced by the owner in their career

**owner\_overall\_car\_win\_pct** num: Win percentage at the car level for the owner in their career

**owner\_overall\_avg\_start** num: Average start position for the owner in their career

**owner\_overall\_avg\_finish** num: Average finish position for the owner in their career

**owner\_overall\_laps\_led** num: Total number of laps led by the owner in their career

**owner\_overall\_avg\_laps\_led** num: Average number of laps led per race for the owner in their career

**Source**

[https://www.driveraverages.com/nascar\\_xfinityseries/](https://www.driveraverages.com/nascar_xfinityseries/)  
[https://en.wikipedia.org/wiki/NASCAR\\_Xfinity\\_Series](https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series)

## Examples

```
data(xfinity_owner_career)
```

---

```
xfinity_owner_season  NASCAR Xfinity Series Owner Season Statistics
```

---

## Description

A collection of season statistics for owners in the NASCAR Xfinity Series. The data includes season totals and averages for various performance metrics.

## Usage

```
xfinity_owner_season
```

## Format

A data frame with 3268 rows and 14 variables:

**owner** chr: Owner name

**season** num: Racing season (1982-2023)

**owner\_season\_races** num: Total number of races for the owner in the season

**owner\_season\_wins** num: Total number of wins for the owner in the season

**owner\_season\_top\_5** num: Total number of top 5 finishes for the owner in the season

**owner\_season\_top\_10** num: Total number of top 10 finishes for the owner in the season

**owner\_season\_top\_20** num: Total number of top 20 finishes for the owner in the season

**owner\_season\_win\_pct** num: Win percentage for the owner in the season

**owner\_season\_cars\_raced** num: Total number of cars raced by the owner in the season

**owner\_season\_car\_win\_pct** num: Win percentage at the car level for the owner in the season

**owner\_season\_avg\_start** num: Average start position for the owner in the season

**owner\_season\_avg\_finish** num: Average finish position for the owner in the season

**owner\_season\_avg\_laps\_led** num: Average number of laps led per race for the owner in the season

**owner\_season\_laps\_led** num: Total number of laps led by the owner in the season

## Source

[https://www.driveraverages.com/nascar\\_xfinityseries/](https://www.driveraverages.com/nascar_xfinityseries/)

[https://en.wikipedia.org/wiki/NASCAR\\_Xfinity\\_Series](https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series)

## Examples

```
data(xfinity_owner_season)
```

---

xfinity\_race\_data      *NASCAR Xfinity Series Results*

---

### Description

A collection of NASCAR's second-tier competitive race series results from the first race in 1982 through the completion of the 2023 season. The series has undergone several name changes, including the Budweiser Late Model Sportsman Series, the NASCAR Busch Grand National Series, and the current NASCAR Xfinity Series.

### Usage

xfinity\_race\_data

### Format

A data frame with 51,672 rows and 23 variables:

**season** num: Racing season (1982-2023)

**race** num: Chronological race number for that season (1-35)

**site** chr: Location of the race (city)

**track** chr: Race track name

**track\_length** num: Race track length, in miles

**track\_type** chr: Race track surface (dirt track, paved track, road course)

**finish** num: Finish position in the race

**start** num: Start position in the race

**driver** chr: Driver's name

**manufacturer** chr: Car manufacturer (e.g., "Chevrolet", "Ford", "Toyota")

**car\_number** chr: Car number

**owner** chr: Car owner

**sponsor** chr: Car sponsor

**win** num: Indicator variable for win; 1 = win, 0 = did not win

**top\_5** num: Indicator variable for finish position in 5th place or better; 1 = yes, 0 = no

**top\_10** num: Indicator variable for finish position in 10th place or better; 1 = yes, 0 = no

**top\_20** num: Indicator variable for finish position in 20th place or better; 1 = yes, 0 = no

**laps** num: Number of laps completed in the race

**laps\_led** num: Number of laps led in the race

**status** chr: Status at the end of the race (e.g., "Running", "Accident")

**money** num: Total race earning (in dollars) not including bonus money, if available. No available data beginning with the 2016 season.

**pts** num: Points earned in the race

**playoff\_pts** num: Playoff points earned in the race. Available beginning with the 2017 season.

*xfinity\_race\_data*

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**Source**

[https://www.driveraverages.com/nascar\\_xfinityseries/](https://www.driveraverages.com/nascar_xfinityseries/)

[https://en.wikipedia.org/wiki/NASCAR\\_Xfinity\\_Series](https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series)

**Examples**

```
data(xfinity_race_data)
```

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