

# The Linda Report API Documentation

Updated November 22, 2024.

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## General Notes

- **Format:** Responses are in JSON format unless specified otherwise.
  - **Access:** This API supports multiple tiers of access based on subscription plans:
    - Developer
    - Model Builder
    - Enterprise
  - **NBA and NFL Data:** To switch APIs, replace `nba_api` with `nfl_api` in the endpoint URL's. All query parameters and response formats remain identical.
  - **Free Tokens:** Free API calls are available upon sign-up. These do not count against daily or monthly quotas.
  - **Overwriting Behavior:**
    - **Developer and Model Builder Plans:** Player data is overwritten on updates (primary key: `player_id`).
    - **Enterprise Plan:** Multiple updates are retained; data includes timestamps (primary keys: `player_id + last_updated_utc`).
  - **Questions and Issues:** Please contact [TheLindaReport@gmail.com](mailto:TheLindaReport@gmail.com).
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# Endpoints

## 1. Get All Players (Full League API Call)

**Description:** Retrieve data for every player in the league.

**Endpoint:**

GET [https://thelindareport.com/nba\\_api/league/every\\_player?api\\_key=YOUR\\_API\\_KEY](https://thelindareport.com/nba_api/league/every_player?api_key=YOUR_API_KEY)

## 2. Get Data for the Last X Hours (Hourly API Call)

**Description:** Retrieve data updated in the last N hours (up to 4 hours).

**Endpoint:**

GET [https://thelindareport.com/nba\\_api/league/every\\_player?api\\_key=YOUR\\_API\\_KEY&hours\\_ago=N](https://thelindareport.com/nba_api/league/every_player?api_key=YOUR_API_KEY&hours_ago=N)

**Parameter:**

- `hours_ago` (integer): Range 1–4. Number of hours ago to filter the data.

**Example:**

[https://thelindareport.com/nba\\_api/league/every\\_player?api\\_key=YOUR\\_API\\_KEY&hours\\_ago=2](https://thelindareport.com/nba_api/league/every_player?api_key=YOUR_API_KEY&hours_ago=2)

## 3. Get Data for the Last X Minutes (Anytime API Call)

**Description:** Retrieve data updated in the last N minutes (up to 60 minutes).

**Endpoint:**

GET  
[https://thelindareport.com/nba\\_api/league/every\\_player?api\\_key=YOUR\\_API\\_KEY&minutes\\_ago=N](https://thelindareport.com/nba_api/league/every_player?api_key=YOUR_API_KEY&minutes_ago=N)

**Parameter:**

- `minutes_ago` (integer): Range 1–60. Number of minutes ago to filter the data.

**Example:**

[https://thelindareport.com/nba\\_api/league/every\\_player?api\\_key=YOUR\\_API\\_KEY&minutes\\_ago=15](https://thelindareport.com/nba_api/league/every_player?api_key=YOUR_API_KEY&minutes_ago=15)

#### **4. Download Data as CSV**

**Description:** Retrieve player data in CSV format.

**Endpoint:**

GET [https://thelindareport.com/nba\\_api/league/every\\_player?api\\_key=YOUR\\_API\\_KEY&csv=true](https://thelindareport.com/nba_api/league/every_player?api_key=YOUR_API_KEY&csv=true)

**Output:**

- CSV file saved with a name in the format: projections\_<DATE>\_<TIME>\_est.csv.

#### **5. Use Free Tokens**

**Description:** Utilize free API calls for testing purposes. Default = false.

**Endpoint:**

GET  
[https://thelindareport.com/nba\\_api/league/every\\_player?api\\_key=YOUR\\_API\\_KEY&free\\_token=true](https://thelindareport.com/nba_api/league/every_player?api_key=YOUR_API_KEY&free_token=true)

#### **5. Player Database**

**Description:** Retrieve player info to map to the projection updates `player_id`.

**Endpoint:**

GET [https://thelindareport.com/nba\\_api/league/player\\_db?api\\_key=YOUR\\_API\\_KEY](https://thelindareport.com/nba_api/league/player_db?api_key=YOUR_API_KEY)

**\*Note\***

**To use the NFL API, simply replace `nba_api` with `nfl_api`.**

## NBA Data Fields

Each API response contains the following fields:

Field	Type	Description
<code>player_id</code>	String	Unique identifier for the player.
<code>player_full_name</code>	String	Full name of the player.
<code>full_team_name</code>	String	Team name associated with the player.
<code>player_position</code>	String	Player's position (e.g., "PG").
<code>minutes_prediction</code>	Integer	Predicted playing minutes.
<code>playing_prediction</code>	Integer	Probability of playing (percentage).
<code>last_updated_utc</code>	String	UTC timestamp of last update.

**In addition to the fields above, Enterprise plans include:**

Field	Type	Description
<code>minutes_prediction_og</code>	Integer	Original minutes prediction before adjustment.
<code>minutes_prediction_adjusted</code>	Integer	Adjusted minutes prediction (e.g. starting center gets expected starting C minutes).
<code>last_headline</code>	String	Last news update headline since their last game.
<code>starter_pos</code>	Integer	Indicates the player's starting position in the lineup. Values range from 1–5 (1 = Point Guard, 5 = Center), or 0 if the player is not a starter.
<code>bench_order</code>	Integer	Indicates the player's substitution priority from the bench. The value represents the order of entry, with 1 being the first player off the bench (highest priority), and 0 if the player is a starter.

## NFL Data Fields

Each API response contains the following fields:

Field	Type	Description
<code>player_id</code>	String	Unique identifier for the player.
<code>player_full_name</code>	String	Full name of the player.
<code>full_team_name</code>	String	Team name associated with the player.
<code>player_position</code>	String	Player's position (e.g., "QB").
<code>snaps_predicted</code>	Integer	Predicted snaps for next game.
<code>implied_usage_percent</code>	Integer	Predicted snaps / Expected Position Snaps (e.g. WR2)
<code>last_updated_utc</code>	String	UTC timestamp of last update.

In addition to the fields above, Enterprise plans include:

Field	Type	Description
<code>snaps_predicted_og</code>	Integer	Original predicted snaps before adjustment.
<code>snaps_predicted_adjusted</code>	Integer	Adjusted predicted snaps. (e.g. RB1 gets roughly teams RB1 expected snaps).
<code>last_headline</code>	String	Last news update headline since their last game.
<code>starter_pos</code>	Integer	Indicates the player's starting position in the lineup. Values range from 1–28 (1-2 RBs, 3 QB, 4 C, 5-6 OG, 7-8 OT, 9-10 TE, 11-13 WR, 14-15 DT, 16-17 DE, 18-19 MLB, 20-21 OLB, 22 NB, 23-24 CB, 25-26 S, 27 PK, 28 PT), or 0 if the player is not a starter.
<code>bench_order</code>	Integer	Indicates the player's substitution priority from the bench. The value represents the order of entry, with 1 being the first player off the bench (highest priority), and 0 if the player is a starter.

## NBA Player Database Fields

Field	Type	Description
<code>player_id</code>	String	Unique identifier for the player.
<code>player_full_name</code>	String	Full name of the player.
<code>player_position</code>	String	Player's position (e.g., "PG").
<code>espn_id</code>	Integer	<a href="https://www.espn.com/">https://www.espn.com/</a>
<code>rotowire_id</code>	Integer	<a href="https://www.rotowire.com/">https://www.rotowire.com/</a>
<code>nba_dot_com_id</code>	Integer	<a href="https://www.nba.com/">https://www.nba.com/</a>
<code>spotrac_id</code>	Integer	<a href="https://www.spotrac.com">https://www.spotrac.com</a>
<code>nba_gm_player_id</code>	String	<a href="https://basketball.realgm.com/nba/">https://basketball.realgm.com/nba/</a>
<code>cooked_id</code>	Boolean	If true, I identified this as a new player and gave them a unique UUID. May change later if deemed to not be new.

## NFL Player Database Fields

Field	Type	Description
<code>player_id</code>	String	Unique identifier for the player.
<code>player_full_name</code>	String	Full name of the player.
<code>player_position</code>	String	Player's position (e.g., "PG").
<code>espn_id</code>	Integer	<a href="https://www.espn.com/">https://www.espn.com/</a>
<code>rotowire_id</code>	Integer	<a href="https://www.rotowire.com/">https://www.rotowire.com/</a>
<code>ourlads_id</code>	Integer	<a href="https://www.ourlads.com/">https://www.ourlads.com/</a>
<code>spotrac_id</code>	Integer	<a href="https://www.spotrac.com">https://www.spotrac.com</a>
<code>pfr_id</code>	String	<a href="https://basketball.realgm.com/nba/">https://basketball.realgm.com/nba/</a>
<code>cooked_id</code>	Boolean	If true, I identified this as a new player and gave them a unique UUID. May change later if deemed to not be new.

## Subscription Plans

Refer to the pricing table for access details:

- Developer: Basic access with limited daily calls.
- Model Builder: Hourly access for detailed analysis.
- Enterprise: 24/7 access with additional data points.