

SportMonks Football API – fetching upcoming fixtures & predictions (guideline)

Overview

SportMonks' Football API offers rich data on matches, teams and odds.

To see forthcoming matches you can use the **fixtures** endpoints.

To get probabilities for those games you can either call the **predictions** endpoints or include predictions directly when retrieving fixtures.

The predictions add-on provides probabilities for various markets (e.g. match winner, correct score, over/under goals).

This guide summarises how to retrieve upcoming fixtures and obtain predictions for those fixtures.

1 Fetch upcoming fixtures

1.1 Choose a market ID (optional)

SportMonks organises odds by **markets** (e.g. fulltime result, over/under). When fetching upcoming fixtures you usually specify the market whose odds you need. You will need the **market ID** of the desired market; this can be looked up via the `GET Markets` endpoint.

1.2 Endpoint

Use the *Upcoming Fixtures by Market ID* endpoint:

```
GET https://api.sportmonks.com/v3/football/fixtures/upcoming/markets/{marketID}
```

According to the documentation, this endpoint returns all upcoming fixtures for the specified market ID ¹. Here the path parameter `{marketID}` represents the numerical ID of the market (e.g. 1 for 1X2 winner odds).

1.3 Parameters

Parameter	Required	Purpose
<code>api_token</code>	Yes	Your API token; can be passed as query (<code>?api_token=YOUR_TOKEN</code>) or via request header ² .

Parameter	Required	Purpose
<code>include</code>	No	Enhances the response with related data (participants, odds, venue, etc.) ³ . To retrieve predictions along with fixtures, you can use <code>&include=predictions</code> .
<code>filters</code>	No	Filters fixtures on specific criteria, such as <code>participantSearch</code> (match teams), <code>todayDate</code> (only today's fixtures) or <code>venues</code> (fixtures at selected venues) ⁴ .
<code>select</code> , <code>sortBy</code> , <code>locale</code>	No	Control returned fields, sorting and language ⁵ .

Example:

Retrieve upcoming fixtures with market ID 1, include participants and predictions:

```
https://api.sportmonks.com/v3/football/fixtures/upcoming/markets/1?
api_token=YOUR_TOKEN&include=participants;predictions
```

This returns fixtures with participants (teams) and predictions data (see below).

1.4 Available includes

The fixtures endpoint supports numerous includes; relevant ones for predictions are:

- `participants` – adds home and away teams to each fixture.
- `predictions` – attaches prediction objects to each fixture (requires the **predictions add-on**) ⁶.
- `metadata` – adds meta-information such as `predictable` (see Section 3).
- `odds` – includes bookmaker odds; you can filter by specific bookmakers or markets ⁷.

Use multiple includes separated by semicolons (e.g. `include=participants;predictions`). Nested includes are limited to depth 1 for this endpoint ⁸.

2 Fetch predictions for a fixture

If you already know the fixture ID (for example obtained via the upcoming fixtures endpoint) you can retrieve predictions through the dedicated predictions endpoints. Predictions are available approximately **21 days before kick-off** ⁹; before that there may be no data.

2.1 Probabilities endpoint

To get probabilities for all fixtures within your subscription:

```
GET https://api.sportmonks.com/v3/football/predictions/probabilities
```

This returns a list of prediction objects with `fixture_id`, `predictions` (probability values) and `type_id` ¹⁰. You can optionally filter by prediction type using `&filters=predictionTypes:<typeIDs>` ¹¹.

2.2 Probabilities by fixture ID

For predictions of a single fixture, use the **Probabilities by Fixture ID** endpoint:

```
GET https://api.sportmonks.com/v3/football/predictions/probabilities/fixtures/{fixtureID}
```

This returns all available predictions for the fixture, with probability distributions for each market type ¹². The request requires only the `api_token` parameter ¹³. You may include:

- `include=type` to get details about each prediction type (name, code, etc.) ¹⁴.
- `filters=predictionTypes:typeIDs` to limit predictions to certain markets ¹⁵.

Example:

```
https://api.sportmonks.com/v3/football/predictions/probabilities/fixtures/18842136?api_token=YOUR_TOKEN&include=type
```

2.3 Predictability

Not all fixtures have sufficient data to generate predictions. The “Prediction Status” metadata of a fixture will contain the flag `"predictable": false` when predictions are not available ⁹. To check this before calling the predictions endpoint, include `metadata` when retrieving fixtures and inspect the `predictable` flag.

2.4 Prediction types

Each prediction record has a `type_id` referencing a prediction **type**. Types describe the market being predicted (e.g. Full-time Result, Over/Under 2.5 goals). You can retrieve type details via `include=type` on the predictions endpoint ¹⁴ or fetch a specific type via `GET /types/{id}`. To request only certain prediction types, use the `filters=predictionTypes:typeIDs` filter ¹⁵.

3 Combine fixtures and predictions

To avoid multiple requests, you can retrieve predictions directly when fetching fixtures by using the **include** parameter. For example, to get a single fixture with predictions:

```
GET https://api.sportmonks.com/v3/football/fixtures/{fixtureID}?
api_token=YOUR_TOKEN&include=predictions
```

The official how-to guide notes that you may use the fixtures endpoints (including fixtures by date, between dates or upcoming fixtures) with `&include=predictions` to embed predictions ⁶. When you include `predictions`, the response will contain an array of prediction objects for that fixture with probability values and type details ¹⁶. This method is convenient when you already retrieve fixtures (e.g. upcoming fixtures) and want the predictions in one response.

You can also include `participants` and `metadata` alongside `predictions` to get team names and predictability status in the same call.

Example:

Retrieve upcoming fixtures (market ID 1) with participants, metadata and predictions:

```
https://api.sportmonks.com/v3/football/fixtures/upcoming/markets/1?
api_token=YOUR_TOKEN&include=participants;metadata;predictions
```

Each fixture in the `data` array will then contain `predictions` (if available) and `metadata` with `predictable` flag, so you can display probabilities only when they exist.

4 Notes on plans and add-ons

- The ability to use `include=predictions` or access the predictions endpoints requires the **Predictions add-on** in your SportMonks plan. Without this add-on you will not receive prediction data.
- Upcoming fixtures are part of the standard fixtures endpoints and are available under most plans, but the number of leagues and fixtures you can access depends on your subscription tier.
- Predictions are available approximately three weeks before kick-off ⁹.
- Always include your API token in requests; it identifies your plan and determines which leagues and add-ons you have access to.

5 Summary workflow

1. **Determine the market ID** you want to filter on (optional) and note your API token.
2. **Fetch upcoming fixtures** using `GET /fixtures/upcoming/markets/{marketID}` with `api_token` and any desired includes (participants, metadata, predictions).
3. **Inspect the response:** each fixture contains an `id` and can optionally include `predictions` if you added that include.
4. If predictions were not included or you need more detail, **fetch predictions by fixture ID** using `GET /predictions/probabilities/fixtures/{fixtureID}` with `api_token` and optional includes/filters.
5. **Check metadata** for the `predictable` flag when present; if `false`, predictions may not be available for that fixture.

By following these steps you can programmatically list upcoming football matches and present probabilities for those matches using the SportMonks API.

1 2 3 4 5 7 8 **GET Upcoming Fixtures by Market ID | API 3.0**

<https://docs.sportmonks.com/football/endpoints-and-entities/endpoints/fixtures/get-upcoming-fixtures-by-market-id>

6 16 **How-to use the Sportmonks' Football Predictions API - Sportmonks**

<https://www.sportmonks.com/blogs/how-to-use-the-sportmonks-football-predictions-api/>

9 **Predictions | API 3.0**

<https://docs.sportmonks.com/football/tutorials-and-guides/tutorials/odds-and-predictions/predictions>

10 11 **GET Probabilities | API 3.0**

<https://docs.sportmonks.com/football/endpoints-and-entities/endpoints/predictions/get-probabilities>

12 13 14 15 **GET Probabilities by Fixture ID | API 3.0**

<https://docs.sportmonks.com/football/endpoints-and-entities/endpoints/predictions/get-probabilities-by-fixture-id>