

KPI Store API Documentation

Base URL

Development: `http://localhost:5000/api`

Production: `https://storescore.onrender.com/api`

Endpoints

Get Store KPI Data

GET `/kpi/store/{storeId}`

Retrieve KPI data for a specific store with configurable view modes.

Parameters

Name	Type	In	Required	Description
<code>storeId</code>	string	path	Yes	Appwrite document ID of the store
<code>view</code>	string	query	No	daily (default) or weekly
<code>year</code>	number	query	No	Year for filtering (default: current year)
<code>month</code>	number	query	No	Month for filtering, 0-indexed (default: current month)

Daily View

Request:

GET `/kpi/store/{storeId}?view=daily`

Response:

```
{
  "success": true,
  "view": "daily",
  "data": {
    "store": {
      "id": "694164520030f1944aff",
      "name": "Downtown Store",
```

```

        "location": "123 Main St"
    },
    "target": {
        "score": 28.0,
        "warning": 26.0,
        "critical": 24.0
    },
    "today": {
        "date": "2024-12-22",
        "score": 27.5,
        "target": 28.0,
        "status": "warning",
        "vsTarget": -0.5
    },
    "weekly": {
        "average": 27.8,
        "entries": 5,
        "metCount": 4,
        "missedCount": 1
    },
    "monthly": {
        "average": 27.5,
        "entries": 22,
        "metCount": 18,
        "missedCount": 4,
        "streak": 5
    }
}
}
}

```

Weekly View

Request:

GET /kpi/store/{storeId}?view=weekly

Response:

```

{
  "success": true,
  "view": "weekly",
  "data": {
    "store": { "id": "...", "name": "Downtown Store" },
    "target": { "score": 28.0, "warning": 26.0, "critical": 24.0 },
    "currentWeek": {
      "range": "Dec 16 - Dec 22",

```

```

    "average": 27.8,
    "entries": 5,
    "metCount": 4,
    "missedCount": 1,
    "entries": [
      { "date": "2024-12-22", "score": 27.5, "status": "warning", "target": 28.0 },
      { "date": "2024-12-21", "score": 28.5, "status": "met", "target": 28.0 }
    ]
  },
  "pastWeek": {
    "range": "Dec 9 - Dec 15",
    "average": 27.2,
    "entries": 7,
    "metCount": 5,
    "missedCount": 2,
    "entries": [...]
  },
  "monthly": {
    "average": 27.5,
    "entries": 22,
    "metCount": 18,
    "missedCount": 4,
    "streak": 5
  }
}

```

Status Values

Status	Meaning
met	Score \geq Target
warning	Score \geq Warning Threshold but $<$ Target
missed	Score $<$ Warning Threshold

Error Responses

Store Not Found (404)

```

{
  "success": false,
  "error": "Store not found"
}

```

Server Error (500)

```
{
  "success": false,
  "error": "Error message details"
}
```

Examples

Daily KPI (Default)

```
curl http://localhost:5000/api/kpi/store/694164520030f1944aff
```

Weekly KPI

```
curl http://localhost:5000/api/kpi/store/694164520030f1944aff?view=weekly
```

Specific Month (November 2024)

```
curl "http://localhost:5000/api/kpi/store/694164520030f1944aff?year=2024&month=10"
```

Integration Examples

JavaScript/Fetch

```
const response = await fetch('http://localhost:5000/api/kpi/store/694164520030f1944aff?view=weekly');
const data = await response.json();
console.log(data.data.currentWeek.average);
```

Xibo CMS DataSet

```
URL: https://storescore.onrender.com/api/kpi/store/{storeId}?view=daily
Method: GET
```