

# Chartmetric

## API Documentation

### Introduction

The Chartmetric API is organized around REST. Our API provides predictable resource-oriented URLs, accepts form-encoded request bodies, returns JSON-encoded responses, and uses standard HTTP response codes, authentication, and verbs.

### Authentication

The Chartmetric API uses tokens to authenticate requests. We require two types of tokens to verify security credentials and process requests:

**Refresh Token** The refresh token is the first step of authentication, which is used to initialize a login session and request for an access token. For each API user that signs up with Chartmetric, a refresh token is assigned and sent via e-mail to your personal e-mail account. To sign up as an API user, please email [hi@chartmetric.com](mailto:hi@chartmetric.com).

Your API tokens carry many privileges, so be sure to keep them secure. Do not share your secret API tokens in publicly accessible areas such as GitHub, client-side code, etc. If you are experiencing issues with the refresh token, please contact [hi@chartmetric.com](mailto:hi@chartmetric.com).

**Access Token** The access token contains security credentials for a login session and identifies the user, and is required for all resource requests. Every access token expires in one hour. After expiration, users need to request for another access token using the refresh token.

### Usage

Before making any requests, users need to get the access token using the following steps:

1. Request for an access token using the refresh token:

```
curl -d '{"refreshtoken": "REFRESH_TOKEN"}' -H "Content-Type: application/json" -X POST https://api.chartmetric.c
```

Note: The refresh token is a string literal [https://en.wikipedia.org/wiki/String\_literal] which uses double quotation marks ("").

Success response:

```
{
  "token": "ACCESS_TOKEN",
  "expires_in": 3600,
  "refresh_token": "REFRESH_TOKEN",
  "scope": "api"
}
```

If you have issues with the refresh token, please contact [hi@chartmetric.com](mailto:hi@chartmetric.com).

2. Use the Access Token for all API calls by added the following header:

```
curl -H "Authorization: Bearer [ACCESS_TOKEN]" (API Route)
```

### Rate Limiting

Different API plans are subject to different levels of rate limiting. After any request is performed, the current rate limit data can be found in the headers of the response.

Header Name	Description
X-RateLimit-Limit	Number of requests allowed per minute on current plan
X-RateLimit-Remaining	Number of requests remaining in current time period (1 minute)

Header Name	Description
X-RateLimit-Reset	Time at which rate limit will reset

## Errors

Chartmetric uses conventional HTTP response codes to indicate the success or failure of an API request. In general: Codes in the **2xx** range indicate success. Codes in the **4xx** range indicate an error that failed given the information provided (e.g., a required parameter was omitted, a charge failed, etc.). Codes in the **5xx** range indicate an error with Chartmetric's servers (which are rare).

Some **4xx** errors that can be handled programmatically (e.g., wrong parameter) include an error code that briefly explains the error reported.

## API Change Log

2020-10-02

### Search

Documentation of Search APIs were updated.

### Authorization

Documentation of Authorization APIs were updated.

### Search - Get City Info /api/cities

Added new cities endpoint in the Search API to get chartmetric city info like city ids, city name, etc. for a country code.

### Radio

Documentation of Radio APIs were updated.

### Radio - Airplay information in Time Series /api/radio/:type/:id/airplays

Added since parameter to get Airplay data within a period of time.

2020-09-21

### Artist - Youtube Audience Data /api/artist/:id/youtube-audience-stats

Added date parameter to get historical audience stats data for YouTube.

### Artist - Instagram Audience Data /api/artist/:id/instagram-audience-stats

Added date parameter to get historical audience stats data for Instagram.

### Artist - TikTok Audience Data /api/artist/:id/tiktok-audience-stats

Added date parameter to get historical audience stats data for TikTok.

2020-09-18

### Charts - Spotify /api/charts/spotify

Added latest parameter to get latest data set from the chart

### Charts - Spotify (Freshfind) /api/charts/spotify/freshfind

Added latest parameter to get latest data set from the chart

### Charts - QQ Music /api/charts/qq/

Added latest parameter to get latest data set from the chart

**Charts - Amazon /api/charts/amazon/:chart\_type**

Added latest parameter to get latest data set from the chart

**Charts - Apple Music /api/charts/applemusic/:chart\_type**

Added latest parameter to get latest data set from the chart

**Charts - iTunes /api/charts/itunes/:chart\_type**

Added latest parameter to get latest data set from the chart

**Charts - Shazam /api/charts/shazam**

Added latest parameter to get latest data set from the chart

**Charts - SoundCloud /api/charts/soundcloud**

Added latest parameter to get latest data set from the chart

**Charts - Beatport /api/charts/beatport**

Added latest parameter to get latest data set from the chart

**Charts - Tiktok /api/charts/tiktok/:chart-type**

Added latest parameter to get latest data set from the chart

**Charts - Youtube /api/charts/youtube/:chart\_type**

Added latest parameter to get latest data set from the chart

**Charts - Airplay /api/charts/airplay/:chart\_type**

Added latest parameter to get latest data set from the chart

**Charts - Twitch /api/charts/twitch/users**

Added latest parameter to get latest data set from the chart

**2020-09-11**

**Charts - Airplay /api/charts/airplay/:chart\_type**

Added API endpoint that returns Airplay chart data.

**Charts - Twitch /api/charts/twitch/users**

Added API endpoint that returns Twitch chart data.

**2020-09-04**

**Artist - Fan Metrics /api/artist/:id/stat/:source**

Added isDomainId as an optional parameter. When this parameter is set to true, id will be considered a domain ID.

**2020-09-04**

**Playlist - Playlist List: /api/playlist/:platform/lists**

Added more parameters to filter by majorCurator and editorial.

**2020-08-28**

**City - Top Artists: /api/city/:id/:source/top-artists**

Added API endpoint that returns top 100 artists with maximum count for source in the city

### **City - Top Tracks: /api/city/:id/:source/top-tracks**

Added API endpoint that returns top 100 tracks with maximum count for source in the city

**2020-08-25**

### **Artist - Instagram Audience Data: /api/artist/:id/instagram-audience-stats**

Added audience\_brand\_affinities and audience\_interests keys in the response

**2020-08-19**

### **Charts - Soundcloud: /api/charts/soundcloud**

Added raw option and updated list of allowed country codes in Soundcloud Charts. The raw option excludes peak\_rank and peak\_date in response when set to true and is true by default.

**2020-08-16**

### **Artist - Get Artists: /api/artist/:type/list**

Added more parameters to filter the list by, and options to filter by country and genre. Added keys in the response for additional metrics.

**2020-07-30**

### **Artist - Tiktok Audience Data: /api/artist/:id/tiktok-audience-stats**

Added API endpoint to get latest Tiktok Audience Analysis and Stats for an artist.

**2020-07-21**

### **Artist - Playlists API: /api/artist/:id/:platform/:status/playlists**

Updated documentation to include parameters for indie, majorCurator, and editorial - each of the parameters indicate whether the playlists of the parameter type need to be included (true) vs excluded (false)

**2020-07-14**

### **Artist - Playlists API: /api/artist/:id/:platform/:status/playlists**

Updated documentation for 'since' parameter to optional. Please note the default value is 6 months prior to when the API is called.

**2020-07-06**

### **Curator List API: /api/curator/:platform/lists**

Set max value of the offset parameter to 100,000, please reach out to hi@chartmetric.com for more data.

### **Get Artists API: /api/artist/:type/list**

Set max value of the offset parameter to 100,000, please reach out to hi@chartmetric.com for more data.

### **Playlist List API: /api/playlist/:platform/lists**

Set max value of the offset parameter to 100,000, please reach out to hi@chartmetric.com for more data.

**2020-06-30**

### **Charts - Tiktok API: /api/charts/tiktok/:chart-type**

Added new chart-type option 'users'. This chart will display the top user likes or top user followers charts for tiktok depending on what is passed in the type parameter.

**2020-06-26****Track Stats API: /api/track/:id/:platform/stats**

Added `isDomainId` as an optional parameter. When this parameter is set to true, `id` will be considered a domain ID.

**CPP (Cross-Platform Performance) API: /api/artist/:id/cpp**

Added `latest` parameter. When this parameter is set to true, `since` and `until` parameters are ignored and the response will return the latest value along with the calculated date.

**2020-06-23****Playlist - Playlist Evolution Stats (given Artist, Album or Track Chartmetric ID) API:****/api/playlist/by/:type/:id/playlist-evolution**

Evolution stats for tracks will now return the latest stats if the track has no evolution.

**2020-06-16****Artist Spotify Monthly Listeners by City API: /api/artist/:id/where-people-listen**

Added `latest` parameter. When this parameter is set to true, `since` and `until` parameters are ignored.

**2020-06-12****Album Playlists API: /api/album/:id/:platform/:status/playlists**

Updated the response field 'num\_tracks' to 'num\_track' when searching with platform 'youtube'. Added response field 'album\_names' when searching with platform 'youtube'.

**2020-06-09****Playlist Lists API: /api/playlist/:platform/lists**

Removed the `monthly_listeners`, and `listeners_to_followers_ratio` keys in the response and as expected parameters for sorting as they were outdated, this was applicable only for spotify playlists

**Artist CPP (Cross-Platform Performance) API: /api/artist/:id/cpp**

Response will now be in ascending date order from descending date order.

**2020-05-20****Playlist Info API: /api/playlist/:platform/:id**

Removed the `monthly_listeners`, and `avg_monthly_listeners` keys in the response as they were outdated, this was applicable only for spotify playlists

**2020-04-04****Artist Fan Metrics API: https://api.chartmetric.com/api/artist/:id/stat/:source**

1. The link is returned as part of the API result, so you can easily verify its validity.

```
https://api.chartmetric.com/api/artist/4572/stat/instagram?since=2020-04-01
{
  "obj": {
    "link": "http://instagram.com/george_ezra",
    "followers": [
      {
        "value": 788061,
        "timestp": "Wed Apr 01 2020",
        "flags": false,
        "daily_diff": 0,
        "interpolated": false
      }
    ]
  }
}
```

```
},
...
```

2. `latest` parameter was added. When this parameter is set true, you since/until is ignored

```
https://api.chartmetric.com/api/artist/4572/stat/instagram?latest=true
{
  "obj": {
    "url": "http://instagram.com/george_ezra",
    "followers": [
      {
        "value": 791794,
        "timestep": "2020-04-04T00:00:00.000Z",
        "flags": false,
        "daily_diff": null
      }
    ]
  }
}
```

3. `interpolation` parameter name was changed to `interpolated`

## Album

### Album - Charts

This API returns the charts for this album. For example, you can retrieve chart records from Apple Music Album Charts or iTunes Album Charts.

GET

```
https://api.chartmetric.com/api/album/:id/:type/charts
```

- Example usage: [#examples-Album-getAlbumCharts-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/album/3533190/applemusic/charts?since=202
```

#### Parameter

Field	Type	Description
type	String	Allowed values: <code>applemusic</code> , <code>itunes</code> , <code>amazon</code>
id	Number	Album Chartmetric ID
since	Date	Start date in ISO date format (e.g. "2020-03-01"). This parameter is required and should be within 365 days from current date.
until	optional Date	End date in ISO date format (e.g. "2020-09-01"). This should not exceed more than 365 days from <code>since</code> date.  Default value: <code>today</code>

#### Success 200

Field	Type	Description
-------	------	-------------

Field	Type	Description
itunes_album_id	Number	iTunes Album Id
rank	Number	Chart position
added_at	Date	Date of data recorded
code2	String	Charting country code
genre	String	Charting genre
gnp	Number	Album GNP
pre_rank	Number	Latest Previous Chart Position
peak_rank	Number	Best Chart Position
peak_date	Date	Date of best Chart Position
id	Number	Album id
name	String	Album name
release_date	Date	Album release date
copyright	String	Album copyright
num_track	Number	Number of tracks
upc	String	Album UPC
description	String	Album description
is_single	Boolean	Is single album
artwork_url	String	Album artwork url
genres	String	Album genres
label	String	Album label

Field	Type	Description
created_at	Date	Album created date
modified_at	Date	Album modified date
cm_album	Number	Chartmetric album id
storefronts	Array	Storefronts
itunes_album_ids	Array	iTunes Album ids
artists	Array	Artists info
itunes_artist_id	Number	iTunes Artist id
cm_artist	Number	Chartmetric artist id
length	Number	Total length of data

- Success-Response [#success-examples-Album-getAlbumCharts-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": {
    "data": [
      {
        "itunes_album_id": "1450330588",
        "rank": 84,
        "added_at": "2020-03-04T08:00:00.000Z",
        "code2": "US",
        "genre": "All Genres",
        "gnp": "8510700.00",
        "pre_rank": 80,
        "peak_rank": 1,
        "peak_date": "2019-02-08T08:00:00.000Z",
        "id": 3058232,
        "name": "thank u, next",
        "release_date": "2019-02-08T08:00:00.000Z",
        "copyright": "© 2019 Republic Records, a division of UMG Recordings, Inc.",
        "num_track": "12",
        "upc": "602577464980",
        "description": null,
        "is_single": false,
        "artwork_url": "https://is5-ssl.mzstatic.com/image/thumb/Music124/v4/4e/26/d5/4e26d5f3-2d62-1b5c-689a-e8",
        "label": "Republic Records",
        "genres": "Pop,Music",
        "created_at": null,
        "modified_at": "2020-09-17T03:10:01.823Z",
        "cm_album": 3533190,
        "storefronts": [
          "AU",
          "JP",
          "LA",
          "NO",
          "US"
        ],
        "itunes_album_ids": [
          "1450330588"
        ]
      }
    ]
  }
}
```

```

        ],
        "artists": [
            {
                "itunes_artist_id": 412778295,
                "name": "Ariana Grande",
                "cm_artist": 3963
            }
        ],
        ...
    ],
    "length": 175
}

```

## Album - Get Album IDs

Get all Albums IDs using a specific id type.

GET

<https://api.chartmetric.com/api/album/:type/:id/get-ids>

- Example usage: [#examples-Album-getAlbumsIDs-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/album/chartmetric/815685/get-ids
```

### Parameter

Field	Type	Description
type	String	Use 'chartmetric' (for cm_album) Allowed values: chartmetric, upc, spotify, itunes, deezer
id	Number	Specific Type ID

### Success 200

Field	Type	Description
cm_album	Number	Album Id
album_name	String	Album Name
upc	String	Album UPC
spotify_album_id	String	Spotify Album Id
itunes_album_id	String	iTunes Album Id
deezer_album_id	String	Deezer Album Id

- Success-Response [#success-examples-Album-getAlbumsIDs-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "cm_album": 815685,
      "album_name": "Deja Fu",
      "upc": "3614599568697",
      "spotify_album_id": "3hpphhVJM2QTUMYuXT7nw4",
      "itunes_album_id": "1126469777",
      "deezer_album_id": null
    }
  ]
}
```

## Album - Metadata

Get album's metadata given Chartmetric ID.  
This data will be cached daily.

GET

```
https://api.chartmetric.com/api/album/:id
```

- Example usage: [#examples-Album-GetAlbumMetadata-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/album/815685/
```

### Parameter

Field	Type	Description
id	Number	Chartmetric album ID

### Success 200

Field	Type	Description
id	Number	Album Id
upc	Number	Album UPC
name	String	Album Name
image_url	String	Album image url
release_date	Date	Album release date
spotify_popularity	Number	Spotify popularity
cm_label	Number	Chartmetric label
description	String	Album description

Field	Type	Description
created_at	Date	Album created date
modified_at	Date	Album modified date
cm_album	String	Chartmetric Album Id
num_track	String	Number of track
spotify_album_ids	Array	Spotify album ids
itunes_album_ids	Array	Itunes album ids
deezer_album_ids	Array	Deezer album ids
artists	Array	Chartmetric Artist Id
cm_artist	Number	Artist Name
cm_statistics	Object	
sp_popularity	Number	Spotify popularity
num_sp_editorial_playlists	Number	Number of Spotify editorial playlists
num_sp_playlists	Number	Number of Spotify playlists
sp_playlist_total_reach	Number	Number of Spotify playlists total reach
sp_editorial_playlist_total_reach	Number	Number of Spotify editorial playlists total reach

- Success-Response: [#success-examples-Album-GetAlbumMetadata-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": {
    "id": null,
    "upc": "3614599568697",
    "name": "Deja Fu",
    "image_url": "https://i.scdn.co/image/250c66bd1cf8e1177055c998b43feac5a62ed0d",
    "release_date": "2016-06-22T07:00:00.000Z",
    "label": "Ranka Kustannus Oy",
    "spotify_popularity": 2,
    "cm_label": 44035,
    "description": null,
    "created_at": null,
    "modified_at": null,
    "cm_album": 815685,
    "num_track": "1",
```

```

    "spotify_album_ids": [
        "3hpphhVJM2QTUMYuXT7nw4"
    ],
    "itunes_album_ids": null,
    "deezer_album_ids": null,
    "artists": [
        {
            "cm_artist": 256101,
            "name": "Blind Channel",
            "image_url": "https://i.scdn.co/image/99ff63e0299ffe1faa62d90056f6ca59aa2f3443"
        }
    ],
    "cm_statistics": {
        "sp_popularity": 2,
        "num_sp_editorial_playlists": 1,
        "num_sp_playlists": 19,
        "sp_playlist_total_reach": 10757,
        "sp_editorial_playlist_total_reach": 0
    }
}
}

```

## Album - Playlists

GET

<https://api.chartmetric.com/api/album/:id/:platform/:status/playlists>

- Example usage: [#examples-Album-GetPlaylistsByAlbums-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/album/5449730 spotify/current/playlists?s
```

### Parameter

Field	Type	Description
id	Number	Chartmetric album ID
platform	String	Streaming platform type Allowed values: <code>spotify</code> , <code>applemusic</code> , <code>deezer</code> , <code>amazon</code> , <code>youtube</code>
status	String	Playlist status Allowed values: <code>current</code> , <code>past</code>
since	String	begining of the added/removed date, in ISO date format (e.g. "2020-09-20"). This parameter is required
until	optional String	end of the added/removed date, in ISO date format (e.g. "2020-09-23"). Default value: <code>today</code>
indie	optional Boolean	If the playlist was curated by major labels (Spotify only type)

Field	Type	Description
limit	optional	<p>Number</p> <p>The number of entries to be returned Default value: 10</p>
offset	optional	<p>Number</p> <p>The offset of entries to be returned Default value: 0</p>

**Success 200**

Field	Type	Description
id	Number	Chartmetric playlist ID
album_name	String	Album name
track_name	String	Track name
spotify_track_id	String	Spotify's track ID (from URI)
spotify_id	Number	Chartmetric's spotify track ID
playlist_id	String	Spotify's playlist ID (from URI)
owner_id	Number	Chartmetric's curator ID
user_id	String	Curator's Spotify user ID
owner_name	String	Curator name
name	String	Playlist Title
url	String	Playlist cover image URL
followers	Number	Most recent follower count
position	Number	The position of the track in the playlist
num_track	Number	Total number of tracks in playlist
ordering	Number	Artist's ordering for the track. (0, 1, 2, 3, ...) For example, if this artist is listed as the second artist in the track, ordering = 1

Field	Type	Description
added_at	String	Added date
cm_artist	String	Chartmetric artist ID
artist_name	String	Artist's name
last_updated	String	Last update date for this playlist
removed_at	String	Removal date
fdiff_week	Number	Difference in number of followers compared to previous week, indicating weekly follower growth

- Success-Response: [#success-examples-Album-GetPlaylistsByAlbums-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "playlist": {
        "playlist_id": "37i9dQZEVXbIPWwFssbupI",
        "track_id": 17340502,
        "position": 49,
        "added_at": "2020-09-25T07:00:00.000Z",
        "period": 0,
        "id": 1710377,
        "name": "France Top 50",
        "description": "Your daily update of the most played tracks in France right now.",
        "image_url": "https://charts-images.scdn.co/REGIONAL_FR_LARGE.jpg",
        "sys_last_updated": "2020-09-25T07:37:54.387Z",
        "last_updated": "2020-09-25T07:37:54.338Z",
        "personalized": false,
        "code2": "fr",
        "owner_name": "spotifycharts",
        "owner_id": 133000,
        "user_id": "spotifycharts",
        "official": true,
        "tags": [
          {
            "id": 14919,
            "name": "french hip hop"
          },
          ...
        ],
        "followers": 701658,
        "num_track": "50",
        "fdiff_week": 2332,
        "fdiff_month": 8688,
        "catalog": "frontline",
        "active_ratio": 0
      },
      "track": {
        "id": 17340502,
        "name": "Watermelon Sugar",
        "isrc": "USSM11912587",
        "spotify_album_id": "7xV2TzoaVc0ycW7fwBwAml",
        "image_url": "https://i.scdn.co/image/ab67616d0000b27377fdcfd6535601aff081b6a",
        "spotify_popularity": 96,
        "cm_track": 27222889,
        "spotify_artist_names": [
          "Harry Styles"
        ],
        ...
      }
    }
  ]
}
```

```

"track_genre": "dance pop,pop,post-teen pop",
"cm_artist": [
    558681
],
"artist_names": [
    "Harry Styles"
],
"code2s": [
    "GB"
],
"artist_images": [
    "https://i.scdn.co/image/b2163e7456f3d618a0e2a4e32bc892d6b11ce673"
],
"artist_covers": [
    null
],
"spotify_artist_ids": [
    "6KImCVD70vtIoJWnq6nGn3"
],
"spotify_track_ids": [
    "6UelLqGlWMcVH1E5c4H7lY"
],
"spotify_album_ids": [
    "7xV2TzoaVc0ycW7fwBwAml"
],
"spotify_duration_ms": 174000,
"album_ids": [
    5449730
],
"album_names": [
    "Fine Line"
],
"album_upc": [
    "886448022213"
],
"album_label": [
    "Columbia"
],
"release_dates": [
    "2019-12-13T08:00:00.000Z"
]
},
"position_stats": [
{
    "position": 44,
    "timestp": "2020-06-29T07:00:00.000Z"
},
{
    "position": 47,
    "timestp": "2020-06-30T07:00:00.000Z"
},
{
    "position": 46,
    "timestp": "2020-07-02T07:00:00.000Z"
},
...
]
},
...
]
}

```

## Album - Stats

GET

<https://api.chartmetric.com/api/album/:id/:platform/:stats>

- Example usage: [#examples-Album-GetCurrentPopularityByAlbum-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/album/6382276/spotify/followers?since=202
```

## Parameter

Field	Type	Description
id	Number	Chartmetric album ID
platform	String	Streaming platform type Allowed values: spotify
stat	String	Platform stat Allowed values: followers
since	optional String	beginning date in ISO date format (e.g. "2020-09-21")
until	optional String	end date, in ISO date format (e.g. "2020-09-23") Default value: today
latest	optional Boolean	If set to true, returns latest data point available regardless of date

## Success 200

Field	Type	Description
value	Number	Statistic from given service (popularity for Spotify)
timestp	Date	The time this statistic was achieved

- Success-Response: [#success-examples-Album-GetCurrentPopularityByAlbum-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "value": 97,
      "timestp": "2020-09-20T07:00:00.000Z"
    },
    {
      "value": 97,
      "timestp": "2020-09-21T07:00:00.000Z"
    },
    {
      "value": 97,
      "timestp": "2020-09-22T07:00:00.000Z"
    },
    {
      "value": 97,
      "timestp": "2020-09-23T07:00:00.000Z"
    }
  ]
}
```

## Album - Tracks

GET

```
https://api.chartmetric.com/api/album/:id/tracks
```

- Example usage: [#examples-Album-GetAlbumTracks-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/album/3533190/tracks
```

### Parameter

Field	Type	Description
id	Number	Chartmetric album ID

### Success 200

Field	Type	Description
id	Number	Chartmetric's Track ID
name	String	Track's name
image_url	String	Track image url
isrc	String	Track ISRC
need_to_drop	String	Need to drop
description	String	Track description
created_at	String	Track created date
modified_at	String	Track modified date
tags	String	Tags
cm_track	Number	Chartmetric's Track ID
cm_artist	Array	Chartmetric Artist IDs
artist_names	Array	Artist names
code2s	Array	Track country codes
artist_images	Array	Artist image urls

Field	Type	Description
artist_covers	Array	Artist covers
spotify_track_ids	Array	Spotify track ids
spotify_album_ids	Array	Spotify album ids
spotify_duration_ms	Number	Spotify duration
itunes_track_ids	Array	iTunes track ids
itunes_album_ids	Array	iTunes album ids
storefronts	Array	Storefronts
deezer_track_ids	Array	Deezer track ids
deezer_album_ids	Array	Deezer album ids
deezer_duration	Number	Deezer duration
amazon_track_ids	Array	Amazon track ids
amazon_album_ids	Array	Amazon album ids
album_ids	Array	Album ids
album_names	Array	Album names
album_upc	Array	Album UPC codes
album_label	Array	Album labels
release_dates	Array	Album release dates
stats	Object	Statistics

- Success-Response: [#success-examples-Album-GetAlbumTracks-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "id": 22396642,
      "name": "break up with your girlfriend, i'm bored",
      "duration_ms": 22396642,
      "popularity": 100
    }
  ]
}
```

```
"image_url": "https://api.deezer.com/album/86773062/image",
"isrc": "USUMT1900409",
"need_to_drop": null,
"description": null,
"created_at": null,
"modified_at": "2020-07-03T05:46:13.804Z",
"tags": "Pop,Music",
"cm_track": 22396642,
"cm_artist": [
    3963
],
"artist_names": [
    "Ariana Grande"
],
"code2s": [
    "US"
],
"artist_images": [
    "https://i.scdn.co/image/b1dfbe843b0b9f54ab2e588f33e7637d2dab065a"
],
"artist_covers": [
    "https://i.scdn.co/image/4599ff6a6b96d54df41e97a484605f0e517ba278"
],
"spotify_track_ids": [
    "4kV4N9D1iKVxx1KLvtTpjS",
    "09Yv7hLbs00cBhQzFiJqeg"
],
"spotify_album_ids": [
    "2fYhqwDWXjbpjaIJPEfKFw",
    "6KpJNh4s2moJHgChy3nNL8"
],
"spotify_duration_ms": 190440,
"itunes_track_ids": [
    "1450330687"
],
"itunes_album_ids": [
    "1450330588"
],
"storefronts": [
    "LA"
],
"deezer_track_ids": [
    "629899862"
],
"deezer_album_ids": [
    86773062
],
"deezer_duration": 190,
"amazon_track_ids": [
    "B082XHFBS6",
    "B07N31H6YJ"
],
"amazon_album_ids": [
    "B082XGFGGN",
    "B07N31J22R"
],
"album_ids": [
    3532913,
    3533190,
    4678085
],
"album_names": [
    "thank u, next",
    "thank u, next",
    "Mega Hits Summer 2019"
],
"album_upc": [
    "602577490385",
    "602577464980",
    "886447802601"
],
"album_label": [
    "Republic Records",
    "Republic Records",
    "Republic Records"
]
```

```

        "Sony Music Entertainment"
    ],
    "release_dates": [
        "2019-02-08T08:00:00.000Z",
        "2019-02-08T08:00:00.000Z",
        "2019-07-26T07:00:00.000Z"
    ],
    "stats": {
        "num_sp_playlists": 3556,
        "num_sp_editorial_playlists": 57,
        "num_am_playlists": 49,
        "num_am_editorial_playlists": 4,
        "num_de_playlists": 11,
        "num_de_editorial_playlists": 2,
        "num_az_playlists": 36,
        "num_az_editorial_playlists": 36,
        "num_yt_playlists": 12,
        "num_yt_editorial_playlists": 3,
        "sp_playlist_total_reach": "10760959",
        "de_playlist_total_reach": "350115",
        "yt_playlist_total_reach": "6404331",
        "cm_track": 22396642,
        "sp_popularity": 80,
        "num_tt_videos": 69100,
        "genius_page_views": null,
        "shazam_counts": 1896424,
        "tiktok_counts": 69100,
        "youtube_views": "369742364"
    }
},
...

```

## Album - Tunefind

GET

```
https://api.chartmetric.com/api/album/:id/tunefind
```

- Example usage: [#examples-Album-GetAlbumTunefind-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/album/1119543/tunefind
```

### Parameter

Field	Type	Description
id	Number	Chartmetric album ID

### Success 200

Field	Type	Description
id	Number	Album's Tunefind Id
show_id	String	Tunefind show id
trackname	String	Track name
showname	String	Show name

Field	Type	Description
showtype	String	Show type
count	Number	Number of track
max_date	String	Max date
show_details	Array	Show details
name	String	Track name
image_url	String	Track image url
isrc	String	Track ISRC
need_to_drop	Number	Track need to drop
description	String	Track description
created_at	Date	Track created date
modified_at	Date	Track modified date
tags	String	Tags
cm_track	Number	Chartmetric Track Id
cm_artist	Array	Chartmetric Artist Ids
artist_names	Array	Artist names
code2s	Array	Artist country codes
artist_images	Array	Artist image urls
artist_covers	Array	Artist image covers
spotify_track_ids	Array	Spotify track ids
spotify_album_ids	Array	Spotify Album ids

Field	Type	Description
spotify_duration_ms	Number	Spotify track duration
itunes_track_ids	Array	iTunes track ids
itunes_album_ids	Array	iTunes album ids
storefronts	Array	Storefronts
deezer_track_ids	Array	Deezer track ids
deezer_album_ids	Array	Deezer album ids
deezer_duration	Number	Deezer track duration
amazon_track_ids	Array	Amazon track ids
amazon_album_ids	Array	Amazon album ids
album_ids	Array	Chartmetric album ids
album_names	Array	Album names
album_upc	Array	Album UPC's
album_label	Array	Album labels
release_dates	Array	Album release dates

- Success-Response: [#success-examples-Album-GetAlbumTunefind-1\_0\_0-0]

```
HTTP/1.1 200 OK
```

```
{
  "obj": [
    {
      "id": 12450038,
      "show_id": "saturday-night-live",
      "trackname": "Castle on the Hill",
      "showname": "Saturday Night Live",
      "showtype": "TV Show",
      "count": 1,
      "max_date": "2017-02-11T08:00:00.000Z",
      "show_details": [
        {
          "showtype": "TV Show",
          "showname": "Saturday Night Live",
          "air_date": "2017-02-11T08:00:00.000Z"
        }
      ],
    }
  ],
}
```

```
"name": "Castle on the Hill",
"image_url": "https://i.scdn.co/image/a9ee51ebab5069bfa82d75aec869d983ff29a59",
"isrc": "GBAHS1600462",
"need_to_drop": 86,
"description": null,
"created_at": null,
"modified_at": "2020-07-03T05:46:13.804Z",
"tags": "Pop,Pop,Music",
"cm_track": 12450038,
"cm_artist": [
    3648
],
"artist_names": [
    "Ed Sheeran"
],
"code2s": [
    "GB"
],
"artist_images": [
    "https://i.scdn.co/image/f55cab0739390cf3b2c2f773b9c779b2f0ae8a99"
],
"artist_covers": [
    null
],
"spotify_track_ids": [
    "6PCUP3dWmTjcTtXY02oFdT",
    "66qlqxhEMpSH0zjRK4il0b",
    "6ATtedAXV0rH4ncjZ7ZEw4",
    "1a6mGpVMmOWASymbd4to88"
],
"spotify_album_ids": [
    "3T4tUhGYeRNvUGevb0wThu",
    "5YnGwVQx20Q4CpcQeVDthP",
    "26xSgw4GGZdGD7kbA2iNSJ",
    "42owzqvWYJRT6DNdmCed0x"
],
"spotify_duration_ms": 261226,
"itunes_track_ids": [
    "1191557930",
    "1208418393",
    "1193700917",
    "1193701328",
    "1236259444",
    "1239494068",
    "1247530126",
    "1202046904",
    "1193683109",
    "1239872453",
    "1258897103"
],
"itunes_album_ids": [
    "1191555115",
    "1208418100",
    "1193700802",
    "1193701079",
    "1236259438",
    "1239494051",
    "1247529154",
    "1202046723",
    "1193682944",
    "1239872224",
    "1258897097"
],
"storefronts": [
    "US",
    "US"
]
```

```

        "US"
    ],
    "deezer_track_ids": [
        "139470657",
        "142986200",
        "383185511"
    ],
    "deezer_album_ids": [
        14996071,
        15478674,
        44568931
    ],
    "deezer_duration": 261,
    "amazon_track_ids": [
        "B0734Y97RT",
        "B01N6N6MZC",
        "B01NBTSUSX"
    ],
    "amazon_album_ids": [
        "B0734VTD41",
        "B01MS3PVLF",
        "B01NBTSVDN"
    ],
    "album_ids": [
        435753,
        1119543,
        1290757,
        1375344
    ],
    "album_names": [
        "NOW That's What I Call Music! 96",
        "÷ (Deluxe)",
        "NOW That's What I Call Music, Vol. 63",
        "Castle on the Hill"
    ],
    "album_upc": [
        "886446341859",
        "190295851330",
        "886446548333",
        "190295854119"
    ],
    "album_label": [
        "Now! Music",
        "Atlantic Records UK",
        "Legacy Recordings",
        "Atlantic Records UK"
    ],
    "release_dates": [
        "2017-04-07T07:00:00.000Z",
        "2017-03-03T08:00:00.000Z",
        "2017-08-04T07:00:00.000Z",
        "2017-01-06T08:00:00.000Z"
    ]
}
},
...
]
}

```

## Artist

### Artist - ANR (By Social Index)

Get Artist ANR by Social Index

GET

<https://api.chartmetric.com/api/artist/anr/by/social-index>

- Example usage: [#examples-Artist-GetArtistANRLListsBySocialIndex-1\_1\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS_KEY]' https://api.chartmetric.com/api/artist/anr/by/social-index?limit=100&offs
```

## Parameter

Field	Type	Description
sortBy	String	column to sort by  Allowed values: spotify_popularity, spotify_followers, spotify_monthly_listeners, twitter_followers, instagram_followers, wiki_views, soundcloud_followers, youtube_channel_views
offset	optional Number	Use offset option to paginate through the records if the offset=0 it will return the artist list from 1 to 100, offset=1 will return list 101 to 200, and so on.  Default value: 0
limit	optional Number	The number of entries to be returned  Default value: 10
code2	optional String	2-Letter Country Code. (Full List in Introduction).  Allowed values: US, JP, ...
tagIds	optional Number	parent genre ids
subTagIds	optional Number	child genre ids
unsigned	Boolean	Filter on whether an artist is signed. This filter is not applied by default.  Allowed values: true, false
first	Boolean	Filter on whether an artist had first release in past one year. This filter is not applied by default.  Allowed values: true, false
recent	Boolean	Filter on whether the artist has had any releases in past two months. This filter is not applied by default.  Allowed values: true, false

## Success 200

Field	Type	Description
id	Number	Chartmetric artist ID.

Field	Type	Description
name	String	Artist name.
image_url	String	Artist image url.
isni	String	isni of Artist.
hometown_city	String	Artist hometown city.
current_city	String	Artist current city.
sp_followers	Number	Number of Spotify followers.
sp_popularity	Number	Number of Spotify popularity.
sp_monthly_listeners	Number	Number of Spotify monthly listeners.
deezer_fans	Number	Number of Deezer fans.
tags	Array	Tags.
spotify_artist_ids	Array	Spotify artist IDs.
itunes_artist_ids	Array	iTunes artist IDs.
deezer_artist_ids	Array	Deezer artist IDs.
cm_artist_rank	Number	Chartmetric artist rank.
amazon_artist_ids	Array	Amazon artist IDs.
releases	Array	Album release info.
cm_album	Number	Chartmetric Album ID.
album_name	String	Album name.
release_date	String	Album release date.
upc	String	Album UPC.

Field	Type	Description
label	String	Album label.
score	Number	This is a scaled value from 0 to 100000 and it represents the change over the past month. For example: when you call this endpoint and your parameter sortBy=spotify_popularity then this score represents the scaled value of change over the past month for Spotify popularity.
timestp	Number	Timestamp of the score.
insights	Object	30-day growth insights.
weekInsights	Object	7-day growth insights.
twoMonthInsights	Object	60-day growth insights.
sns	String	This indicates social stats. If your sortBy parameter is spotify_monthly_listeners this value will be spotify_m, for spotify_popularity its spotify_p, for spotify_followers its spotify_f, for twitter_followers its twitter_f, for instagram_followers its instagram_f, for wiki_views its wikipedia_v, for soundcloud_followers its soundcloud_f, for youtube_channel_views its youtube_cv
fdiff	Number	Number of current listeners growth in 7-days, 30-days or 60-days.
fdiff_percent	Number	Percent change in growth in 7-days, 30-days or 60-days.
value	Number	Number of current listeners.

- Success-Response: [#success-examples-Artist-GetArtistANRLListsBySocialIndex-1\_1\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "id": 1356069,
      "name": "Chip Kip",
      "image_url": "https://i.scdn.co/image/f048e8ea4ffc570e3d23b813c2b4e59b2d339c5c",
      "isni": null,
      "code2": null,
      "hometown_city": null,
      "current_city": null,
      "sp_followers": 535,
      "sp_popularity": 30,
      "sp_monthly_listeners": 44938,
      "deezer_fans": null,
      "tags": null,
      "spotify_artist_ids": [
        "2hnG5YCw6sdGbFARmFPemr"
      ],
      "itunes_artist_ids": null,
      "deezer_artist_ids": null,
      "cm_artist_rank": 70780,
      "amazon_artist_ids": null,
      "releases": [
        {
          "id": 1356069,
          "name": "Chip Kip",
          "image_url": "https://i.scdn.co/image/f048e8ea4ffc570e3d23b813c2b4e59b2d339c5c",
          "isni": null,
          "code2": null,
          "hometown_city": null,
          "current_city": null,
          "sp_followers": 535,
          "sp_popularity": 30,
          "sp_monthly_listeners": 44938,
          "deezer_fans": null,
          "tags": null,
          "spotify_artist_ids": [
            "2hnG5YCw6sdGbFARmFPemr"
          ],
          "itunes_artist_ids": null,
          "deezer_artist_ids": null,
          "cm_artist_rank": 70780,
          "amazon_artist_ids": null
        }
      ]
    }
  ]
}
```

```

    "cm_album": 3406933,
    "album_name": "No Pretenders",
    "release_date": "2017-10-06T07:00:00.000Z",
    "upc": "602693701990",
    "label": "1193premium",
    "image_url": "https://i.scdn.co/image/5477d55ce389f69b5c870cc1a6c88135d22fd1b7"
},
{
    "cm_album": 5598985,
    "album_name": "Straight Drop",
    "release_date": "2020-01-11T08:00:00.000Z",
    "upc": "194923255668",
    "label": "SWIMSOUND",
    "image_url": "https://i.scdn.co/image/0bd794d7c02931fd6bf10d3ecfa19cf67a03f46a"
}
],
"score": 4458700,
"insights": {
    "sns": "spotify_m",
    "fdiff": 44936,
    "value": 44938,
    "fdiff_percent": "2246800.000000000000"
},
"weekInsights": {
    "sns": "spotify_m",
    "fdiff": 835,
    "value": 44938,
    "fdiff_percent": "1.89329524068657460900"
},
"twoMonthInsights": {
    "sns": "spotify_m",
    "fdiff": 44935,
    "value": 44938,
    "fdiff_percent": "1497833.33333333300"
},
"timestp": "2020-02-05T08:00:00.000Z"
}, ...
]
}

```

## Artist - ANR (By playlists)

Get Artist ANR by given Playlist

GET

<https://api.chartmetric.com/api/artist/anr/by/playlists>

- Example usage: [#examples-Artist-GetArtistANRLListsByPlaylists-1\_1\_0-0]

`curl -H 'Authorization: Bearer [ACCESS_KEY]' https://api.chartmetric.com/api/artist/anr/by/playlists?limit=100&sortBy=`

### Parameter

Field	Type	Description
sortBy	String	<p>Column to sort by</p> <p>Allowed values: <code>followers_total_reach_diff_week</code>, <code>followers_total_reach_diff_week_percent</code></p>

Field	Type	Description
streamingType	String	Streaming Platform Type Allowed values: spotify
limit	optional Number	The number of entries to be returned Default value: 10

- Success-Response: [#success-examples-Artist-GetArtistANRLListsByPlaylists-1\_1\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": [
    {
      "rank": "1",
      "id": 53722,
      "num_playlists": 17,
      "num_tracks": 1,
      "followers_total_reach": 1596657,
      "followers_total_reach_diff_week": 236916,
      "followers_total_reach_diff_week_percent": 0.174236122908701,
      "popularity": 43,
      "popularity_diff_week": 0,
      "popularity_diff_week_percent": 0,
      "followers": 2570,
      "followers_diff_week": 2,
      "followers_diff_week_percent": 0.000778816199376947,
      "listeners": 182354,
      "listeners_diff_week": 1829,
      "listeners_diff_week_percent": 0.0101315607256613,
      "timestp": "2020-02-05T08:00:00.000Z",
      "name": "Tharyk",
      "image_url": "https://i.scdn.co/image/481216e68d8cdc2dad2ba9c64e4d9fcc98b5192a",
      "isni": null,
      "code2": null,
      "hometown_city": null,
      "current_city": null,
      "sp_followers": 2570,
      "sp_popularity": 43,
      "sp_monthly_listeners": 182354,
      "deezer_fans": 173,
      "tags": null,
      "spotify_artist_ids": [
        "0l4NszHlxslt1dBt4Y28f7"
      ],
      "itunes_artist_ids": [
        1053123426
      ],
      "deezer_artist_ids": [
        "9308498"
      ],
      "cm_artist_rank": 31792,
      "amazon_artist_ids": null,
      "releases": [
        {
          "cm_album": 469946,
          "album_name": "Mi Destino",
          "release_date": "2015-12-04T08:00:00.000Z",
          "upc": "859716151359",
          "label": "G+T Music",
          "image_url": "https://i.scdn.co/image/b08d575f8af8f5b3ccff6250103f878163be7cf7"
        },
        {
          "cm_album": 5562463,
          "album_name": "Malas Intenciones",
          "release_date": "2020-01-03T08:00:00.000Z",
          "upc": "8433391920848",
          "label": "ginTONIC Records",
          "image_url": "https://i.scdn.co/image/ce08ca2f8589c4387ec9ea1435b6644a9012e743"
        }
      ]
    }
  ]
}
```

```
  ],
  "genres": []
},
...
}
```

## Artist - ANR (By prediction score)

Get Artist ANR List by Prediction by Spotify Popularity Metrics

GET

```
https://api.chartmetric.com/api/artist/anr/by/prediction
```

- Example usage [#examples-Artist-GetArtistANRLListsByPredictionStat-1\_0\_0-0]

```
curl -H 'Authorization Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/anr/by/prediction?limit=100&offset=
```

### Parameter

Field	Type	Description
limit	optional Number	The number of entries to be returned Default value: 10
offset	optional Number	Offset Default value: 0
sortBy	String	Allowed values: sp_pop_binary_25, sp_pop_binary_30, sp_pop_binary_35, sp_pop_binary_35_ins, sp_popularity_regression, sp_followers_regression, sp_monthly_listeners_regression
code2	optional String	2-Letter Country Code
unsigned	Boolean	Filter on whether an artist is signed Allowed values: true, false
tagIds	optional Number	
subTagIds	optional Number	
recent	Boolean	Filter on whether the artist has had any recent releases Default value: true Allowed values: true, false

- Example Response [#success-examples-Artist-GetArtistANRLListsByPredictionStat-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "id": 1419802,
      "name": "Raissa",
```

```

"image_url": "https://i.scdn.co/image/07e7103efb186807b4eb901ec3e2a78ed467431f",
"ismi": null,
"code2": null,
"hometown_city": null,
"current_city": null,
"sp_followers": 408,
"sp_popularity": 31,
"sp_monthly_listeners": 38282,
"deezer_fans": null,
"tags": null,
"spotify_artist_ids": [
  "1C9U2fqP6cYCEwb73uv2LS"
],
"itunes_artist_ids": [
  1453481877
],
"deezer_artist_ids": null,
"cm_artist_rank": 9603,
"amazon_artist_ids": null,
"releases": [
  {
    "cm_album": 4030256,
    "album_name": "Half Past Nine",
    "release_date": "2019-02-15T08:00:00.000Z",
    "upc": "193829360513",
    "label": "731211 Records DK",
    "image_url": "https://i.scdn.co/image/a98e90b15688ad3bb6edc9c310fd00151fdfd30c"
  },
  {
    "cm_album": 5649231,
    "album_name": "BULLYING BOYS",
    "release_date": "2020-01-31T08:00:00.000Z",
    "upc": "808391073166",
    "label": "HEROGIRL Records",
    "image_url": "https://i.scdn.co/image/484f735153e7a6485cbe4fb5ad6a4ee8ac765002"
  }
],
"score": null,
"insights": {
  "sns": "spotify_p",
  "fdiff": 25,
  "value": 31,
  "fdiff_percent": "416.666666666666700"
},
"timestp": "2020-02-04T08:00:00.000Z",
"prob_1": 0.99999999999988
} ...
]
}

```

## Artist - Albums

Get the list of albums featuring this artist.

GET

<https://api.chartmetric.com/api/artist/:id/albums>

- Example usage: [#examples-Artist-GetArtistAlbums-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/3380/albums
```

### Parameter

Field	Type	Description
-------	------	-------------

Field	Type	Description
id	Number	Chartmetric artist ID

## Success 200

Field	Type	Description
id	Number	Chartmetric's Album ID
album_name	String	Album's name
release_date	Date	Album's release date
label	String	Album's Label

- Success-Response: [#success-examples-Artist-GetArtistAlbums-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "id": 1861967,
      "album_name": "Maari",
      "release_date": "2015-06-07",
      "label": "Sony Music Entertainment",
      ...
    },
    {...},
    ...
  ]
}
```

## Artist - Artist Rank

Get artist rank within our artist list given a certain metric

GET

<https://api.chartmetric.com/api/artist/:id/artist-rank>

- Example usage: [#examples-Artist-GetArtistRank-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/3380/artist-rank?metric=fs_likes
```

### Parameter

Field	Type	Description
id	Number	Chartmetric artist ID

Field	Type	Description
metric	optional String	<p>Default value: cm_artist_rank</p> <p>Allowed values: sp_popularity, sp_followers, sp_monthly_listeners, sp_listeners_to_followers_ratio, deezer_fans, cm_artist_rank, fs_likes, fs_talks, ts_followers, ts_retweets, ins_followers, ycs_views, ycs_subscribers, ws_views, ss_followers, bs_followers</p>
code2	optional String	<p>Country code. By default no country filter is applied. (Full list in introduction)</p> <p>Allowed values: US, JP, ...</p>
genre	optional Number	Chartmetric genre id, by default no genre filter is applied

- Success-Response: [#success-examples-Artist-GetArtistRank-1\_0\_0-0]

```
HTTP/1.1 200 OK
```

```
{
  "obj": {
    artist_rank: 1094
  }
}
```

## Artist - CPP (Cross-Platform Performance)

Get the CPP rank and score for this artist.

GET

```
https://api.chartmetric.com/api/artist/:id/cpp
```

- Example usage: [#examples-Artist-GetArtistCPP-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/:id/cpp?stat=rank&since=2019-06-06
```

### Parameter

Field	Type	Description
id	Number	Chartmetric artist ID
stat	String	<p>CPP Statistic</p> <p>Allowed values: rank, score</p>
since	optional String	start of the date range, in ISO date format (e.g. "2017-03-25"). This parameter is required
until	optional String	<p>end of the date range, in ISO date format (e.g. "2017-03-25").</p> <p>Default value: today</p>

Field	Type	Description
latest	optional Boolean	If set to true, returns latest data point available regardless of date. If this is true, since/until parameters will be ignored

## Success 200

Field	Type	Description
score/rank	Number	Requested statistic. rank is Chartmetric Artist Rank. score is the final calculated score out of 1, rank is based on the ranking of this score.
timestp	Date	The date at which the requested statistic was achieved

- Success-Response: [#success-examples-Artist-GetArtistCPP-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": [
    {
      "rank": 4,
      "timestp": "2019-06-06T07:00:00.000Z"
    },
    {
      "rank": 4,
      "timestp": "2019-06-07T07:00:00.000Z"
    },
    {
      "rank": 4,
      "timestp": "2019-06-08T07:00:00.000Z"
    },
    {
      "rank": 4,
      "timestp": "2019-06-09T07:00:00.000Z"
    }
  ]
}
```

## Artist - Charts

This API returns the charts for this artist. For example, you can retrieve chart records from Spotify Charts, iTunes Charts, Apple Music Charts, Shazam Charts or Beatport Charts.

GET

```
https://api.chartmetric.com/api/artist/:id/:type/charts
```

- Example usage: [#examples-Artist-getArtistCharts-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/4904/spotify_top_daily/charts?sinc
```

## Parameter

Field	Type	Description
-------	------	-------------

Field	Type	Description
type	String	Allowed values: spotify_viral_daily, spotify_viral_weekly, spotify_top_daily, spotify_top_weekly, applemusic_top, applemusic_daily, applemusic_albums, itunes_top, itunes_albums, shazam, beatport
id	Number	Artist Chartmetric ID
since	Date	Start date in ISO date format (e.g. "2020-03-01"). This parameter is required and should be within 365 days from current date.
until	optional Date	End date in ISO date format (e.g. "2020-09-01"). This should not exceed more than 365 days from since date.  Default value: today

## Success 200

Field	Type	Description
rank	Number	Chart Position
added_at	String	Date of Data Recorded
code2	String	2-Letter Country Code. (Full List in Introduction).  Allowed values: US, JP, ...
pre_rank	Number	Latest Previous Chart Position
peak_rank	Number	Best Chart Position
peak_date	Date	Date of Best Chart Position

- Success-Response [#success-examples-Artist-getArtistCharts-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": {
    "data": [
      {
        "itunes_id": 8726639,
        "rank": 47,
        "added_at": "2020-03-02T08:00:00.000Z",
        "code2": "DE",
        "genre": "Soundtrack",
        "gnp": "2133367.00",
        "pre_rank": 80,
        "peak_rank": 16,
        "peak_date": "2019-09-09T07:00:00.000Z",
        "id": 8726639,
        "name": "Capital Letters",
        "isrc": "USQ4E1703340",
        "itunes_album_id": [
          "1440910691"
        ],
      }
    ]
  }
}
```

```

"composer_name": "Hailee Steinfeld, BloodPop®, Ellie Goulding, Rachel Keen, Ely Weisfeld & Andrew Jackso
"image_url": "https://is2-ssl.mzstatic.com/image/thumb/Music128/v4/06/d5/6d/06d56d70-7a1f-9bf8-1553-22b9
"cm_track": 18067175,
"track_genre": "Soundtracks,Musik",
"cm_artist": [
    4904,
    725569
],
"artist_names": [
    "Hailee Steinfeld",
    "BloodPop®"
],
"code2s": [
    "US",
    "US"
],
"artist_images": [
    "https://i.scdn.co/image/4520a1f2ef56222c7e96d14271fbb0cb01cddd0d",
    "https://i.scdn.co/image/f1136133397dc8322cb66868a2a61b557a0746d"
],
"artist_covers": [
    null,
    null
],
"itunes_artist_ids": [
    417571723,
    1265908975
],
"itunes_artist_names": [
    "Hailee Steinfeld",
    "BloodPop®"
],
"itunes_track_ids": [
    "1440910696"
],
"itunes_album_ids": [
    "1440910691"
],
"storefronts": [
    "DE"
],
"album_ids": [
    3168605
],
"album_names": [
    "FIFTY SHADES of GREY - Befreite Lust (Original Motion Picture Soundtrack)"
],
"album_upc": [
    "602567332756"
],
"album_label": [
    "This Compilation © 2018 Universal Studios and Republic Records, a division of UMG Recordings, Inc."
],
"release_dates": [
    "2018-02-09T08:00:00.000Z"
]
},
},
...
],
"length": 58
}
}

```

## Artist - Fan Metrics

Get artist's fan metrics for various services.

There are two ways to get fan metrics from each source:

1. Return all fields (by default)
2. Return only selected field (by adding 'field' parameter)

For each source, here are the respective fields you can query for:

#### SOURCE - VALID FIELDS

spotify - followers, popularity, listeners  
 deezer - fans  
 facebook - likes, talks  
 twitter - followers  
 youtube\_channel - subscribers, views, comments, videos (this refers to the artist channel only)  
 youtube\_artist - views (this includes artist channel and all other videos featuring artist music)  
 instagram - followers  
 wikipedia - views  
 bandsintown - followers  
 soundcloud - followers  
 tiktok - followers, likes  
 twitch - follower\_count, monthly\_viewer\_hours, weekly\_viewer\_hours

If using the field parameter, ensure that the field is valid with respect to the source.

For example, /wikipedia?field=views is valid, and /wikipedia?field=followers is invalid.

Note that The API response may not return all the data points between the two dates, when we are missing the data. They may still show on our UI, since we are interpolating the missing data between the two existing data points. See the 'interpolated: true / false' in the response.

#### GET

```
https://api.chartmetric.com/api/artist/:id/stat/:source
```

- All Fields usage: [#examples-Artist-GetArtistStat-1\_0\_0-0]
- Selected Field usage: [#examples-Artist-GetArtistStat-1\_0\_0-1]
- Example usage (Spotify w/ isDomainId): [#examples-Artist-GetArtistStat-1\_0\_0-2]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/439/stat/spotify?since=2020-01-01&
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/439/stat/spotify?field=popularity&
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/07YZf4WDAMNwqr4jfg0Z8y/stat/spotif
```

#### Parameter

Field	Type	Description
id	Number	Chartmetric ID
source	String	Data source Allowed values: spotify, deezer, facebook, twitter, instagram, youtube_channel, youtube_artist, wikipedia, bandsintown, soundcloud, tiktok, twitch
since	optional Number	begining date, in ISO date format (e.g. "2017-03-25").

Field	Type	Description
until	optional	Number end date, in ISO date format (e.g. "2017-03-25"). Default is today.  Default value: today
field	optional	String Specific stat from source (followers, popularity, listeners, talks, subscribers, etc.)
latest	optional	Boolean If set to true, returns latest data point available regardless of date. If this is true, since/until parameters will be ignored
interpolated	optional	Boolean Returns interpolated data for missing data. We use a very simple logic for this - by filling the data with the average difference between the two days.  Default value: false
isDomainId	optional	Boolean If true, the id passed in the request parameter will be considered the domain ID.  Default value: false

## Success 200

Field	Type	Description
link	String	Link associated with the artist for the specified domain if present
value	Number	Value of metric requested
daily_diff	Number	This field is called "diff" if interpolated is set to false. Daily Difference in Value (not applicable for Spotify popularity)
timestp	Number	time stamp
interpolated	Boolean	False by default. If true, this value did not come straight from the source, but was rather interpolated based on the previous/next values (not applicable for Spotify popularity and Wikipedia views)

- Success-Response: [#success-examples-Artist-GetArtistStat-1\_0\_0-0]
- Success-Response (Spotify w/ isDomainId): [#success-examples-Artist-GetArtistStat-1\_0\_0-1]

---

HTTP/1.1 200 OK

```
{
  "obj": {
    "url": "http://instagram.com/george_ezra",
    "followers": [
      {
        "value": 788061,
        "timestp": "Wed Apr 01 2020",
        "flags": false,
        "daily_diff": 0,
        "interpolated": false
      },
      ...
    ]
  }
}
```

```
{
  "obj": [
    {
      "link": "https://open.spotify.com/artist/07YZf4WDAMNwqr4jfg0Z8y",
      "followers": [
        {
          "value": 7267533,
          "timestp": "2019-12-31T08:00:00.000Z",
          "diff": null
        },...
      ],
      "popularity": [
        {
          "value": 84,
          "timestp": "2019-12-31T08:00:00.000Z"
        },...
      ],
      "listeners": [
        {
          "value": 18571413,
          "timestp": "2019-12-31T08:00:00.000Z",
          "diff": null
        },...
      ],
      "followers_to_listeners_ratio": [
        {
          "value": "39.13",
          "timestp": "2019-12-31T08:00:00.000Z"
        },...
      ]
    }
  ]
}
```

## Artist - Get Artist IDs

This API returns all the linked IDs. For example, you can retrieve chartmetric ID from Spotify, iTunes (Apple Music), or Deezer ID, and vice versa.

GET

```
https://api.chartmetric.com/api/artist/:type/:id/get-ids
```

- Example usage: [#examples-Artist-getArtistIDs-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/chartmetric/4904/get-ids
```

### Parameter

Field	Type	Description
type	String	Allowed values: chartmetric, spotify, itunes, deezer
id	Number	Specific Type ID

- Success-Response [#success-examples-Artist-getArtistIDs-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": [
    {
      "cm_artist": 4904,
      "artist_name": "Hailee Steinfeld",
      "spotify_artist_id": "5p7ff24Rk5HkUZsaS3BLG5F",
      "itunes_artist_id": 417571723,
      "deezer_artist_id": "5961630"
    }
  ]
}
```

```

        }
    ]
}

```

## Artist - Get Artists

Get an **artists snapshot** of sample artists based on a given metric.

Given the metric filter and score range, get a list of artist ids and all relevant metrics for the given range of the respective metric.

This endpoint is useful for artist profiling based on specific filters such as spotify performance, youtube performance and social media performance.

GET

<https://api.chartmetric.com/api/artist/:type/list>

- Example usage: [#examples-Artist-getArtistListByStats-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/sp_followers/list?min=500&max=1000
```

### Parameter

Field	Type	Description
type	String	'cm_artist_rank': Cross Platform Performance (CPP), 'sp_monthly_listeners': spotify monthly listeners, 'sp_followers': spotify followers, 'sp_popularity': spotify popularity, 'sp_listeners_to_followers_ratio': spotify listeners to followers ratio, 'sp_followers_to_listeners_ratio': spotify followers to listeners ratio (Conversion ratio), 'deezer_fans': Deezer fans, 'fs_likes': Facebook fan count, 'fs_talks': Facebook people talking about count, 'ts_followers': Twitter followers, 'ts_retweets': Twitter Retweets, 'ins_followers': Instagram Followers, 'ycs_views': Youtube channel views, 'ycs_subscribers': Youtube channel subscribers, 'youtube_daily_video_views': Youtube Daily Video Views, 'youtube_monthly_video_views': Youtube Monthly Video Views 'ws_views': Wikipedia pages views, 'ss_followers': Soundcloud followers, 'bs_followers': BandsInTown followers, 'tiktok_followers': TikTok Followers, 'tiktok_likes': TikTok Likes  Allowed values: sp_followers, sp_monthly_listeners, sp_popularity, sp_listeners_to_followers_ratio, sp_followers_to_listeners_ratio, deezer_fans, fs_likes, fs_talks, ins_followers, ts_followers, ts_retweets, ycs_views, ycs_subscribers, youtube_daily_video_views, youtube_monthly_video_views, ws_views, ss_followers, bs_followers, tiktok_followers, tiktok_likes, cm_artist_rank
min	Number	Minimum filter threshold (e.g. min 5,000 for spotify followers)
max	Number	Maximum filter threshold (e.g. max 10,000 for spotify followers)
code2	String	ISO code for the artist country, such as US, JP, IN, etc
genreId	Number	The genre ID to filter the results
subGenreId	Number	The sub genre ID to filter the results

Field	Type	Description
city	String	City name to filter the top listeners
offset	optional Number	Each request returns only certain number of entries. Use offset option to get more results. Max value: 100000  Default value: 0

- Success-Response [#success-examples-Artist-getArtistListByStats-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": {
    "length": 200,
    "data": [
      {
        "chartmetric_artist_id": 349588,
        "name": "Alec Davis",
        "code2": "US",
        "genres": "lift kit",
        "cpp_rank": null,
        "spotify_popularity": 8,
        "spotify_followers": 500,
        "spotify_monthly_listeners": 602,
        "spotify_listeners_to_followers_ratio": 1.204,
        "spotify_followers_to_listeners_ratio": 0.8305647841,
        "deezer_fans": null,
        "facebook_likes": 5321,
        "facebook_talks": 14,
        "twitter_followers": null,
        "twitter_retweets": null,
        "instagram_followers": null,
        "youtube_channel_views": null,
        "youtube_subscribers": null,
        "youtube_daily_video_views": null,
        "youtube_monthly_video_views": null,
        "wikipedia_views": null,
        "soundcloud_followers": null,
        "bandsintown_followers": null,
        "tiktok_followers": null,
        "tiktok_likes": null,
        "sp_where_people_listen": [
          {
            "code2": "us",
            "listeners": 75,
            "name": "Chicago"
          },
          {
            "code2": "us",
            "listeners": 38,
            "name": "Dallas"
          },
          {
            "code2": "us",
            "listeners": 37,
            "name": "St Louis"
          },
          {
            "code2": "us",
            "listeners": 28,
            "name": "Atlanta"
          },
          {
            "code2": "us",
            "listeners": 22,
            "name": "Springfield"
          }
        ]
      }
    ]
  }
}
```

```
},  
...
```

## Artist - Instagram Audience Data

Get latest Instagram Audience Analysis and Stats for an artist.

GET

```
https://api.chartmetric.com/api/artist/:id/instagram-audience-stats
```

- Example usage: [#examples-Artist-GetArtistInstagramAudienceStats-1\_2\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/236/instagram-audience-stats
```

### Parameter

Field	Type	Description
id	Number	Chartmetric artist ID
date	optional Date	Historical date in ISO date format (e.g. "2020-09-20"). Data may not be available for all historical dates.  Default value: today

### Success 200

Field	Type	Description
top_countries	Object	Top countries of Artist.
name	String	Artist country name.
code	String	Artist country code.
percent	String	Percentage of followers in the country.
followers	Number	Number of Instagram followers in the country.
top_cities	Object	Top cities of Artist.
state	String	Artist state name.
country	String	Artist country name.
audience_genders_per_age	Object	Audience Gender.
male	String	Male ratio for this age range.

Field	Type	Description
female	String	Female ratio for this age range.
audience_ethnicities	Object	Audience ethnicity ratio.
weight	String	Ratio of ethnicity.
audience_genders	Object	Audience gender ratio.
notable_followers	Object	Notable followers of this Artist.
audience_brand_affinities	Object	Audience brand affinity ratio.
audience_interests	Object	Audience interests.
avg_likes_per_post	Number	Number of average likes per post.
avg_comments_per_post	Number	Number of average comments per post.
engagement_rate	Number	Engagement ratio.
user_id	Object	Notable followers.
username	Object	Notable followers.
picture	String	Picture of the follower.
fullname	String	Full Name of the follower.
url	String	Url of the follower.
geo	Object	Location of the follower.
city	Object	City of the follower.
id	String	ID of the country, state or city.
coords	Object	Geographic co-ordinates of the country, state or city.
lat	Number	Latitude of country, state or city.

Field	Type	Description
lon	Number	Longitude of country, state or city.
is_verified	Boolean	true if account is verified else false.
engagements	Number	Engagement of the follower.

- Success-Response: [#success-examples-Artist-GetArtistInstagramAudienceStats-1\_2\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": {
    "top_countries": [
      {
        "name": "United States",
        "code": "US",
        "percent": "24.79",
        "followers": 7661481
      },
      ...
    ],
    "top_cities": [
      {
        "name": "New York City",
        "percent": "1.57",
        "followers": 486692,
        "state": "New York",
        "country": "United States"
      },
      ...
    ],
    "audience_genders_per_age": [
      {
        "code": "13-17",
        "male": "3.17",
        "female": "2.63"
      },
      ...
    ],
    "audience_ethnicities": [
      {
        "code": "white",
        "name": "White / Caucasian",
        "weight": "61.00"
      },
      ...
    ],
    "audience_genders": [
      {
        "code": "male",
        "weight": "64.81"
      },
      {
        "code": "female",
        "weight": "35.19"
      }
    ],
    "audience_brand_affinities": [
      {
        "name": "Apple",
        "weight": "8.64"
      },
      ...
    ],
    "audience_interests": [
      {
        "name": "Friends, Family & Relationships",
        "weight": "38.40"
      }
    ]
  }
}
```

```

        },
        ...
    ],
    "followers": 30905034,
    "avg_likes_per_post": 716758,
    "avg_comments_per_post": 7136,
    "engagement_rate": 2.3423,
    "notable_followers": [
        {
            "user_id": "19410587",
            "username": "kingjames",
            "picture": "https://imgr.sptds.icu/v2?mb0KwpL92uYofJiSjDn1%2F6peL1lBwv3s%2BUvShHERlDY9yLLT5c6L8M5YYtkm82",
            "followers": 72077829,
            "fullname": "LeBron James",
            "url": "https://www.instagram.com/kingjames",
            "geo": {
                "city": {
                    "id": 207359,
                    "name": "Los Angeles",
                    "coords": {
                        "lat": 34.05223,
                        "lon": -118.24368
                    }
                },
                "state": {
                    "id": 165475,
                    "name": "California",
                    "coords": {
                        "lat": 37.231633,
                        "lon": -119.664078
                    }
                },
                "country": {
                    "id": 148838,
                    "name": "United States",
                    "code": "US",
                    "coords": {
                        "lat": 38.89511,
                        "lon": -77.03637
                    }
                }
            },
            "is_verified": true,
            "engagements": 1865105
        },
        ...
    ]
}
}

```

## Artist - Metadata

Retrieve the artist's metadata and chartmetric stats. The stat data is cached daily.

GET

<https://api.chartmetric.com/api/artist/:id>

- Example usage: [#examples-Artist-GetArtistMetadata-1\_0\_0-0]

`curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/2000`

### Parameter

Field	Type	Description
-------	------	-------------

Field	Type	Description
id	Number	Chartmetric artist ID

**Success 200**

Field	Type	Description
id	Number	Chartmetric artist ID
name	String	Artist name
image_url	String	Artist image
cover_url	String	Artist cover image
created_at	String	
code2	String	Artist Country Code. (Full List in Introduction). Allowed values: US, JP, ...
gender	String	gender of Artist
isni	String	isni of Artist
hometown_city	String	hometown city of Artist
current_city	String	current city of Artist
record_label	String	record label of Artist
band_members	String	band members of Artist
press_contact	String	press contact of Artist
booking_agent	String	booking agent of Artist
cm_statistics	Array	Cm_statistics for the Artist
num_sp_playlists	object	Number of spotify playlists featuring this artist
num_am_playlists	object	Number of apple music playlists featuring this artist
num_de_playlists	object	Number of deezer playlists featuring this artist

Field	Type	Description
num_az_playlists	object	Number of amazon playlists featuring this artist
num_yt_playlists	object	Number of youtube playlists featuring this artist
num_sp_editorial_playlists	object	Number of spotify editorial playlists featuring this artist
num_am_editorial_playlists	object	Number of apple music editorial playlists featuring this artist
num_de_editorial_playlists	object	Number of deezer editorial playlists featuring this artist
num_az_editorial_playlists	object	Number of amazon editorial playlists featuring this artist
num_yt_editorial_playlists	object	Number of youtube editorial playlists featuring this artist
sp_playlist_total_reach	object	Sum of followers from all spotify playlists, indicating total playlists reach
de_playlist_total_reach	object	Sum of fans from all deezer playlists, indicating total playlists reach
yt_playlist_total_reach	object	Sum of views from all youtube playlists, indicating total playlists reach
description	String	Artist description
tags	String	Tags*
lastfm	String	artist lastfm info

- Success-Response: [#success-examples-Artist-GetArtistMetadata-1\_0\_0-0]

---

HTTP/1.1 200 OK

```
{
  "obj": {
    "id": 2000,
    "name": "Nina Sky",
    "image_url": "https://i.scdn.co/image/c1252c2723902028c510016aec677a6fb7a0bf9a",
    "cover_url": "https://i.scdn.co/image/4b1c5a3794f5081af1303a49cd3782cfbd36419",
    "created_at": "2016-11-25T15:00:00.000Z",
    "code2": "us",
    "gender": null,
    "isni": null,
    "hometown_city": null,
    "current_city": null,
    "record_label": null,
    "band_members": "Natalie & Nicole Albino",
    "press_contact": null,
    "booking_agent": "greg@datatouring.com",
    "cm_statistics": {
      "num_sp_playlists": 11,
      "num_am_playlists": 6,
      "num_de_playlists": 0,
    }
  }
}
```

```

    "sp_followers": 34404,
    "sp_popularity": 56,
    "sp_monthly_listeners": 1078466,
    "sp_where_people_listen": [
        {
            "name": "Mexico City",
            "code2": "mx",
            "listeners": 35610
        },
        {
            "name": "London",
            "code2": "gb",
            "listeners": 31937
        },
        {
            "name": "Los Angeles",
            "code2": "us",
            "listeners": 29992
        },
        {
            "name": "Santiago",
            "code2": "cl",
            "listeners": 22161
        },
        {
            "name": "Chicago",
            "code2": "us",
            "listeners": 17824
        }
    ],
    "sp_playlist_total_reach": 10812617
},
"description": "Identical twins Natalie and Nicole Albino came up with the name Nina Sky by combining the first names of their mothers, Natalie and Nicole, and the name of their dad, Sky.",
"tags": [
    {
        "id": 9122,
        "name": "hip pop"
    }
],
"lastfm": null
}
}

```

## Artist - Neighboring Artists

Get other artists that are similar to this artist in related genres.

GET

```
https://api.chartmetric.com/api/artist/:id/neighboring-artists
```

- Example usage: [#examples-Artist-GetGenreClusterNeighboringArtists-1\_2\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/3380/neighboring-artists?metric=fs
```

### Parameter

Field	Type	Description
id	Number	Chartmetric artist ID

Field	Type	Description
metric	optional	<p>String</p> <p>Default value: cm_artist_rank</p> <p>Allowed values: sp_popularity, sp_followers, sp_monthly_listeners, sp_listeners_to_followers_ratio, deezer_fans, cm_artist_rank, fs_likes, fs_talks, ts_followers, ts_retweets, ins_followers, ycs_views, ycs_subscribers, ws_views, ss_followers, bs_followers</p>
limit	optional	<p>Number</p> <p>the number of entries to be returned; default - 10, max - 100</p> <p>Default value: 10</p>
type	optional	<p>String</p> <p>Should be set to genre if genre-clustering should be applied</p>

- Success-Response: [#success-examples-Artist-GetGenreClusterNeighboringArtists-1\_2\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": {
    "cluster_artists": [
      {
        "rank": "1",
        "position": 2,
        "id": 3380,
        "sp_popularity": 100,
        "sp_followers": 44757304,
        "deezer_fans": "19490817",
        "sp_monthly_listeners": 52434550,
        "sp_where_people_listen": [
          {
            "code2": "us",
            "listeners": 1188676,
            "name": "Chicago"
          }, ...
        ],
        "sp_listeners_to_followers_ratio": 1.171530573,
        "sp_followers_to_listeners_ratio": 0.8535842112,
        "cm_artist_rank": 5,
        "fs_likes": 35018362,
        "fs_talks": 25436,
        "ts_followers": 38887319,
        "ts_re tweets": 0,
        "ins_followers": 63710984,
        "ycs_views": "7137621468",
        "ycs_subscribers": 19900000,
        "ws_views": 197,
        "ss_followers": 2524203,
        "bs_followers": 6081447,
        "latest_album_release_date": "2019-09-13T07:00:00.000Z",
        "latest_album_upc": "093624897675",
        "name": "Drake",
        "image_url": "https://i.scdn.co/image/012ecd119617ac24ab56620ace4b81735b172686",
        "genres": "rap, canadian pop, hip hop, pop rap, canadian hip hop, toronto rap"
      }, ...
    ],
    "tags": {
      "top_genres": [
        "'hip hop'",
        "'rap'",
        "'pop rap'",
        "'southern hip hop'",
        "'trap music'"
      ]
    }
  }
}
```

## Artist - Playlists

Get current and past playlists by artists.

GET

```
https://api.chartmetric.com/api/artist/:id/:platform/:status/playlists
```

- Example usage: [#examples-Artist-GetPlaylistsByArtists-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/439/spotify/current/playlists?since=2017-03-25&until=2017-04-01
```

### Parameter

Field	Type	Description
id	Number	Chartmetric artist ID
platform	String	Streaming platform type Allowed values: spotify, applemusic, deezer, amazon, youtube
status	String	Playlist status Allowed values: current, past
since	optional String	since beginning of the added/removed date, in ISO date format (e.g. "2017-03-25"). The default value will be 6 months prior to the date of call.
until	optional String	end of the added/removed date, in ISO date format (e.g. "2017-03-25"). Default value: today
indie	optional Boolean	If true, the response includes the playlists curated by indie curators Default value: true
editorial	optional Boolean	If true, the response includes playlists curated by the platform (e.g. Spotify Editorial Playlists, Apple Music Editorial Playlists, Deezer Editorial Playlists) Default value: true
majorCurator	optional Boolean	If true, the response includes playlists curated by major curators (e.g. Filtr Colombia, Digster, Deezer MENA editor) Default value: true
limit	optional Number	The number of entries to be returned Default value: 10

Field	Type	Description
offset	optional Number	The offset of entries to be returned  Default value: 0

**Success 200**

Field	Type	Description
id	Number	Chartmetric playlist ID
album_name	String	Album name
track_name	String	Track name
spotify_track_id	String	Spotify's track ID (from URI)
spotify_id	Number	Chartmetric's spotify track ID
playlist_id	String	Spotify's playlist ID (from URI)
owner_id	Number	Chartmetric's curator ID
user_id	String	Curator's Spotify user ID
owner_name	String	Curator name
name	String	Playlist Title
url	String	Playlist cover image URL
followers	Number	Most recent follower count
position	Number	The position of the track in the playlist
num_track	Number	Total number of tracks in playlist
ordering	Number	Artist's ordering for the track. (0, 1, 2, 3, ...) For example, if this artist is listed as the second artist in the track, ordering = 1
added_at	String	Added date
cm_artist	String	Chartmetric artist ID

Field	Type	Description
artist_name	String	Artist's name
last_updated	String	Last update date for this playlist
removed_at	String	Removal date
fdiff_week	Number	Difference in number of followers compared to previous week, indicating weekly follower growth

- Success-Response: [#success-examples-Artist-GetPlaylistsByArtists-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": [
    {
      "playlist": {
        "playlist_id": "37i9dQZF1DX51DTimEWoTd",
        "track_id": 3382,
        "position": 70,
        "added_at": "2020-04-06T00:00:00.000Z",
        "period": 21,
        "id": 1015746,
        "name": "Warm Fuzzy Feeling",
        "description": "Beautiful songs to give you that warm, fuzzy feeling.",
        "image_url": "https://i.scdn.co/image/ab67706f0000000292af386be8f03b40a36ddc05",
        "sys_last_updated": "2020-04-27T00:02:23.520Z",
        "last_updated": "2020-04-27T00:02:22.975Z",
        "personalized": true,
        "code2": null,
        "owner_name": "Spotify",
        "owner_id": 2,
        "user_id": "spotify",
        "official": true,
        "tags": [
          {
            "id": 188,
            "name": "pop"
          }
        ],
        "followers": 1700275,
        "num_track": "70",
        "fdiff_week": 5606,
        "fdiff_month": 25174,
        "catalog": "mixed",
        "active_ratio": 0.985714285714286
      },
      "track": {
        "id": 3382,
        "name": "The Scientist",
        "isrc": "GBAYE0200772",
        ...
      }
    ]
  }
}
```

## Artist - Related Artists

Get similar artists (fans also listen to). For example, if many of artist A's fans also frequently listen to artist B, and C, then B and C are 'related artists'.

GET

<https://api.chartmetric.com/api/artist/:id/relatedartists>

## Parameter

Field	Type	Description
id	Number	Chartmetric artist ID
limit	optional Number	The number of entries to be returned Default value: 10

## Success 200

Field	Type	Description
id	Number	Chartmetric's Playlist ID
artist_name	String	Artist name
followers	Number	Spotify follower count (latest)

- Success-Response: [#success-examples-Artist-GetRelatedArtists-1\_0\_0-0]

```
HTTP/1.1 200 OK
{"obj": [{"id":3533,"artist_name":"Jesus Culture","followers":256870},...]}
```

## Artist - Social / Streaming Service URLs

Get social media URLs belonging to this artist.

GET

```
https://api.chartmetric.com/api/artist/:id/urls
```

- Example usage: [#examples-Artist-GetArtistURLs-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/3380/urls
```

## Parameter

Field	Type	Description
id	Number	Chartmetric artist ID

- Success-Response: [#success-examples-Artist-GetArtistURLs-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "domain": "amazon",
      "url": [
        "https://music.amazon.com/artists/B000QJRIHS"
      ]
    },
    {
      ...
    }
  ]
}
```

```
"domain": "youtubeforartist",
"url": [
    "https://charts.youtube.com/artist/%2Fm%2F05mt_q"
]
},
{
    "domain": "facebook",
"url": [
    "https://www.facebook.com/Drake"
]
},
{
    "domain": "shazam",
"url": [
    "https://www.shazam.com/artist/10100284/drake"
]
},
{
    "domain": "instagram",
"url": [
    "https://www.instagram.com/champagnepapi/?hl=en"
]
},
{
    "domain": "soundcloud",
"url": [
    "https://soundcloud.com/drake-official"
]
},
{
    "domain": "itunes",
"url": [
    "https://itunes.apple.com/us/artist/id271256"
]
},
{
    "domain": "musicbrainz",
"url": [
    "https://musicbrainz.org/artist/9fff2f8a-21e6-47de-a2b8-7f449929d43f"
]
},
{
    "domain": "website",
"url": [
    "http://www.drakeofficial.com/"
]
},
{
    "domain": "lastfm",
"url": [
    "http://www.last.fm/music/Drake"
]
},
{
    "domain": "deezer",
"url": [
    "https://www.deezer.com/artist/246791"
]
},
{
    "domain": "bandsintown",
"url": [
    "https://www.bandsintown.com/a/1488"
]
},
{
    "domain": "youtube",
"url": [
    "https://www.youtube.com/channel/UCBy0QJjav0CUDwxCk-jVNRO"
]
},
{
    "domain": "twitter",
"url": [

```

```

        "https://twitter.com/Drake"
    ]
},
{
    "domain": "songkick",
    "url": [
        "https://www.songkick.com/artists/556955-drake"
    ]
},
{
    "domain": "gtrends",
    "url": [
        "https://www.google.com/trends/explore#q=/m/05mt_q"
    ]
},
{
    "domain": "spotify",
    "url": [
        "https://open.spotify.com/artist/3TVXtAsR1Inumwj472S9r4"
    ]
},
{
    "domain": "discogs",
    "url": [
        "https://www.discogs.com/artist/151199-Drake"
    ]
},
{
    "domain": "wikipedia",
    "url": [
        "http://en.wikipedia.org/wiki/Drake_(entertainer)"
    ]
},
{
    "domain": "genius",
    "url": [
        "https://genius.com/artists/Drake"
    ]
}
]
}

```

## Artist - Spotify Monthly Listeners by City

Spotify's 'Where people listen' stats, showing top five cities on each day.

GET

<https://api.chartmetric.com/api/artist/:id/where-people-listen>

- Example usage: [#examples-Artist-GetWherePeopleListenInsights-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/4904/where-people-listen?since=201
```

### Parameter

Field	Type	Description
id	Number	Chartmetric artist ID
since	Number	beginning date, in ISO date format (e.g. "2017-03-25"). This parameter is required.

Field	Type	Description
until	optional	Number end date, in ISO date format (e.g. "2017-03-25"). Default is today.  Default value: today
limit	optional	Number the number of entries to be returned (default 10, max 50)  Default value: 10
offset	optional	Number the offset of entries to be returned  Default value: 0
latest	optional	Boolean If set to true, returns latest data point available regardless of date. If this is true, since/until parameters will be ignored

- Success-Response: [#success-examples-Artist-GetWherePeopleListenInsights-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": {
    "Buenos Aires": [
      {
        "code2": "AR",
        "timestp": "2018-09-28T07:00:00.000Z",
        "listeners": 4044
      },
      {
        "code2": "AR",
        "timestp": "2018-09-29T07:00:00.000Z",
        "listeners": 4044
      },
      ...
    ],
    "Chicago": [...],
    "London": [...],
    "Los Angeles": [...],
    ...
  }
}
```

## Artist - Tiktok Audience Data

Get latest Tiktok Audience Analysis and Stats for an artist.

GET

```
https://api.chartmetric.com/api/artist/:id/tiktok-audience-stats
```

- Example usage: [#examples-Artist-GetArtistTiktokAudienceStats-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/5408/tiktok-audience-stats
```

### Parameter

Field	Type	Description

Field	Type	Description
id	Number	Chartmetric artist ID
date	optional Date	Historical date, in ISO date format (e.g. "2020-09-20"). Data may not be available for all historical dates. Default value: today

**Success 200**

Field	Type	Description
top_countries	object	Top countries of Artist.
name	String	Artist country name.
code	String	Artist country code.
percent	String	Percentage of followers in the country.
followers	Integer	Number of followers in the country.
audience_genders_per_age	object	Audience Gender.
male	String	Male ratio for this age range.
female	String	Female ratio for this age range.
audience_genders	object	Audience gender ratio.
weight	String	Ratio of gender.
notable_followers	object	Notable followers of this Artist.
user_id	String	User ID of the follower.
username	String	Username of the follower.
picture	String	Picture of the follower.
fullname	String	Full Name of the follower.
url	String	Url of the follower.

Field	Type	Description
geo	object	Location of the follower.
country	object	Country of the follower.
id	String	ID of the country.
coords	object	Geographic co-ordinates.
lat	Float	Latitude.
lon	Float	Longitude.
is_verified	Boolean	true if account is verified else false.
engagements	Integer	Engagement of the follower.
avg_likes_per_post	String	Average likes per post.
avg_comments_per_post	String	Average comments per post.
engagement_rate	String	Engagement rate of the Artist.

- Success-Response: [#success-examples-Artist-GetArtistTiktokAudienceStats-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": {
    "top_countries": [
      {
        "name": "United States",
        "code": "US",
        "percent": "20.22",
        "followers": 8675495
      }, ...
    ],
    "audience_genders_per_age": [
      {
        "code": "13-17",
        "male": "4.69",
        "female": "2.63"
      }, ...
    ],
    "audience_genders": [
      {
        "code": "female",
        "weight": "27.61"
      },
      {
        "code": "male",
        "weight": "72.39"
      }
    ],
    "followers": 42900000,
    "avg_likes_per_post": 112574,
  }
}
```

```

"avg_comments_per_post": 5679,
"engagement_rate": 0.2624,
"notable_followers": [
  {
    "user_id": "74350056740409344",
    "username": "crazyglitcher",
    "picture": "https://p16-va-tiktok.ibyteimg.com/img/musically-maliva-obj/868b452cbfb31dc14e56b026d42cb975~c5_72",
    "followers": 107200,
    "fullname": "#GlitchQueen",
    "url": "https://m.tiktok.com/h5/share/usr/74350056740409344.html",
    "is_verified": false,
    "engagements": 1618,
    "avg_likes": 1618,
  }, ...
]
}

```

## Artist - Top Tracks by Platform

Get top tracks for an artist by platform

GET

<https://api.chartmetric.com/api/artist/:id/top-tracks/:source>

- Example usage: [#examples-Artist-GetArtistTopTracksByPlatform-1\_0\_0-0]

`curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/5408/top-tracks/tiktok?limit=20`

### Parameter

Field	Type	Description
id	Number	Chartmetric artist ID
source	String	The platform to get top tracks for Allowed values: tiktok
limit	Number	Number of tracks to return, default 10, max 100

### Success 200

Field	Type	Description
tiktok	Number	Chartmetric internal ID for TikTok
tiktok_track_id	String	TikTok's track id
tiktok_url	String	TikTok's link for the track
isrc	String	Track ISRC

Field	Type	Description
cm_track	Number	Chartmetric Track ID
image_url	String	Image link for the TikTok track
name	String	Track name
posts	Number	Post count for the track
monthly_diff_percent	Number	Percentage difference in post count over a month for this track
trend	Object	Array of objects denoting the historical values for the track post counts in ascending order
value	Number	Property of the trend object - Post count for the specific date
timestp	Date	Property of the trend object - Date for which the post counts is recorded

- Success-Response: [#success-examples-Artist-GetArtistTopTracksByPlatform-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": [
    {
      "tiktok": 6222,
      "tiktok_track_id": "Like-a-Rodeo-6711472238136133633",
      "tiktok_url": "https://www.tiktok.com/music/Like-a-Rodeo-6711472238136133633",
      "isrc": "USRN11900068",
      "cm_track": 24417291,
      "image_url": "https://p16-tiktokcdn-com.akamaized.net/aweme/100x100/tos-alisg-i-0000/1b95676e04a54d539ec54e0df4e",
      "name": "Like a Rodeo",
      "posts": 564800,
      "monthly_diff_percent": -0.755578984361272,
      "trend": [
        {
          "value": 569100,
          "timestp": "2020-07-10T07:00:00.000Z"
        },
        {
          "value": 568900,
          "timestp": "2020-07-11T07:00:00.000Z"
        }
      ]
    }
  ]
}
```

## Artist - Tracks

Get the tracks by this artist. We also include those tracks where this artist is 'featured'!

GET

<https://api.chartmetric.com/api/artist/:id/tracks>

- Example usage: [#examples-Artist-GetArtistTracks-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/3380/tracks
```

## Parameter

Field	Type	Description
id	Number	Chartmetric artist ID

## Success 200

Field	Type	Description
artist_type	String	Type of artist, main or featured.
album_ids	Array	Album ID's
album_label	Array	Album labels
album_names	Array	Album names
album_upc	Array	Album UPC
amazon_album_ids	Array	Amazon album ID's
amazon_track_ids	Array	Amazon track ID's
artist_covers	Array	Artist cover images
artist_images	Array	Artist images
artist_names	Array	Artist names
cm_artist	Array	Chartmetric Artist ID's
cm_track	Number	Chartmetric track ID
code2s	Array	Country codes
created_at	Date	Date this entry was created
deezer_album_ids	Array	Deezer album ID's
deezer_duration	Number	Deezer track duration

Field	Type	Description
deezer_track_ids	Array	Deezer track ID's
description	String	Track description
id	Number	Chartmetric's Track ID
image_url	String	Track image url
isrc	String	Track ISRC
itunes_album_ids	Array	iTunes album ID's
itunes_track_ids	Array	iTunes track ID's
modified_at	Date	Date this entry was modified
name	String	Track's name
need_to_drop	number	Need to drop
release_dates	Array	Track release dates
spotify_album_ids	Array	Spotify album ID's
spotify_duration_ms	Number	Spotify track duration
spotify_track_ids	Array	Spotify track ID's
storefronts	Array	Storefronts list
tags	String	Tags/Genres
cm_statistics	Object	Statistics about the track
de_playlist_total_reach	String	Deezer playlist total reach
num_am_editorial_playlists	Number	Apple music editorial playlists count
num_am_playlists	Number	Apple music playlists count

Field	Type	Description
num_az_editorial_playlists	Number	Amazon editorial playlists count
num_az_playlists	Number	Amazon playlists count
num_de_editorial_playlists	Number	Deezer editorial playlists count
num_de_playlists	Number	Deezer playlists count
num_sp_editorial_playlists	Number	Spotify editorial playlists count
num_sp_playlists	Number	Spotify playlists count
num_tt_videos	Number	Tiktok videos count
num_yt_editorial_playlists	Number	Youtube editorial playlists count
num_yt_playlists	Number	Youtube playlists count
sp_playlist_total_reach	Number	Spotify playlist total reach
sp_popularity	Number	Spotify popularity
yt_playlist_total_reach	Number	Youtube playlist total reach
cm_audio_features	Object	Chartmetric's Audio feautres
acousticness	Number	Acousticness
danceability	Number	Danceability
energy	Number	Energy
instrumentalness	Number	Instrumentalness
key	Number	Key
liveness	Number	Liveness
loudness	Number	Loudness

Field	Type	Description
mode	Number	Mode
speechiness	Number	Speechiness
tempo	Number	Tempo
valence	Number	Valence

- Success-Response: [#success-examples-Artist-GetArtistTracks-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "artist_type": "main",
      "album_ids": [
        6337663,
        6337633,
        6316557,
        6320877,
        6491074,
        6490376
      ],
      "album_label": [
        "EMI Recorded Music Australia Pty Ltd",
        "EMI Recorded Music Australia Pty Ltd"
      ],
      "album_names": [
        "In A Dream (Bonus Track Version)",
        "In A Dream",
        "Easy",
        "In A Dream",
        "Rager teenager!",
        "Rager teenager!"
      ],
      "album_upc": [
        "602507428594",
        "602507459031",
        "602507422844",
        "602507428570",
        "602507459086",
        "602507428709"
      ],
      "amazon_album_ids": [
        "B08CRCWZQ8",
        "B08CR3SRN2"
      ],
      "amazon_track_ids": [
        "B08CRDRQR6",
        "B08CRLK9XB"
      ],
      "artist_covers": [
        null
      ],
      "artist_images": [
        "https://i.scdn.co/image/34576d1eedb341cb3a6de11f0d42cf439ec6df30"
      ],
      "artist_names": [
        "Troye Sivan"
      ],
      "cm_artist": [

```

```
    3880
  ],
  "cm_track": 30195715,
  "code2s": [
    "AU"
  ],
  "created_at": "2020-07-15T23:01:57.120Z",
  "deezer_album_ids": [
    159939552,
    159938952,
    159936222
  ],
  "deezer_duration": 226,
  "deezer_track_ids": [
    "1017364142",
    "1017360642",
    "1017342952"
  ],
  "description": null,
  "id": 30195715,
  "image_url": "https://is3-ssl.mzstatic.com/image/thumb/Music114/v4/20/c3/a1/20c3a107-ddbf-8331-7d16-746a35/isrc/AUUM72000410",
  "itunes_album_ids": [
    "1523006508",
    "1523005262",
    "1523003841"
  ],
  "itunes_track_ids": [
    "1523006513",
    "1523005506",
    "1523003843"
  ],
  "modified_at": "2020-07-15T23:01:57.120Z",
  "name": "Easy",
  "need_to_drop": null,
  "release_dates": [
    "2020-08-21T07:00:00.000Z",
    "2020-08-21T07:00:00.000Z",
    "2020-07-15T07:00:00.000Z",
    "2020-08-21T07:00:00.000Z",
    "2020-08-05T07:00:00.000Z",
    "2020-08-05T07:00:00.000Z"
  ],
  "spotify_album_ids": [
    "7urna6thukhC36nR40N4B7",
    "5fPToIZS3aXnOzZDb8Y5kn",
    "4l76L0MfUhTdV2VdRaRKj4",
    "25bVTJuPSWiwdxgjJGRUi",
    "0y3vj8uCV9zNMznlmDMFe4",
    "4e6iYbYvPyEmwd4ZYAHwKG"
  ],
  "spotify_duration_ms": 226781,
  "spotify_track_ids": [
    "5QqUv7hoVnnXnLzCp8TTXh",
    "3yaACIgS66hS5IZZBYUQMU",
    "5D2IddPYLRIL9yUKvUQdJF",
    "3gwoz4xZuye0agjYgrC2je",
    "0iZBGkYSNt0pjvzvmOCSTW",
    "4PrPB7FCp6mGb2yb4YJzyv"
  ],
  "storefronts": [
    "US",
    "CN",
    "SI"
  ],
  "tags": "Pop,Music",
  "cm_statistics": {
    "cm_track": 30195715,
    "de_playlist_total_reach": "11118608",
    "num_am_editorial_playlists": 12,
    "num_am_playlists": 37,
    "num_az_editorial_playlists": 1,
    "num_az_playlists": 1,
    "num_de_editorial_playlists": 6,
    "num_de_playlists": 1
  }
}
```

```

        "num_de_playlists": 16,
        "num_sp_editorial_playlists": 27,
        "num_sp_playlists": 523,
        "num_tt_videos": 3208,
        "num_yt_editorial_playlists": null,
        "num_yt_playlists": null,
        "sp_playlist_total_reach": "8388617",
        "sp_popularity": 74,
        "yt_playlist_total_reach": null
    },
    "cm_audio_features": {
        "acousticness": null,
        "danceability": null,
        "energy": null,
        "instrumentalness": null,
        "key": null,
        "liveness": null,
        "loudness": null,
        "mode": null,
        "speechiness": null,
        "tempo": null,
        "valence": null
    }
},
...
]
}

```

## Artist - Tunefind

Tunefind data. Tunefind has TV and movie sync information, day by day.

GET

<https://api.chartmetric.com/api/artist/:id/tunefind>

- Example usage: [#examples-Artist-GetArtistTunefind-1\_0\_0-0]

`curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/3380/tunefind`

### Parameter

Field	Type	Description
<code>id</code>	Number	Chartmetric artist ID

- Success-Response: [#success-examples-Artist-GetArtistTunefind-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": [
    {
      "id": 15194393,
      "artist_id": "drake-future",
      "show_id": "central-intelligence-2016",
      "trackname": "Jumpman",
      "showname": "Central Intelligence (2016)",
      "showtype": "Movie",
      "count": 1,
      "max_date": "2016-06-16T16:00:00.000Z",
      "show_details": [
        {
          "showtype": "Movie",
          "showname": "Central Intelligence (2016)",
          "air_date": "2016-06-16T16:00:00.000Z"
        }
      ]
    }
  ]
}
```

```
        }
    ],
    "name": "Jumpman",
    "image_url": "https://i.scdn.co/image/526b8fb5803b23e554322e83668dc11f7f603f50",
    "isrc": "USCM51500300",
    "spotify_popularity": 86,
    "description": null,
    "tags": "Hip-Hop/Rap,Música",
    "cm_track": 15194393,
    "artist_names": [
        "Drake",
        "Future"
    ],
    "cm_artist": [
        3380,
        3870
    ],
    "artist_images": [
        "https://i.scdn.co/image/012ecd119617ac24ab56620ace4b81735b172686",
        "https://i.scdn.co/image/73b8cb3a941edc26d280a8df971229d1b31e6b5a"
    ],
    "artist_covers": [
        "https://i.scdn.co/image/87862f13aaa41c7621b3f2c3c8f8bb6e9e7ccd6f",
        "https://i.scdn.co/image/9f4f496a8656c3420d0962d8a81cad76b5426277"
    ],
    "spotify_track_ids": [
        "46gjYTEK7W8ZTABcg1GP2f",
        "27GmP9AWRs744SzKcpJsTZ"
    ],
    "spotify_album_ids": [
        "7nvi007yb3kmeX0wXeR9BQ",
        "1ozpmkWcCHwsQ4QTnx00dT"
    ],
    "spotify_duration_ms": 205879,
    "itunes_track_ids": [
        "1041818923",
        "1041802445"
    ],
    "itunes_album_ids": [
        "1041818504",
        "1041801924"
    ],
    "storefronts": [
        "US",
        "AR"
    ],
    "deezer_track_ids": [
        "107878888",
        "107926978"
    ],
    "deezer_album_ids": [
        11250516,
        11255684
    ],
    "deezer_duration": 205,
    "album_ids": [
        3252795
    ],
    "album_names": [
        "What A Time To Be Alive"
    ],
    "album_upc": [
        "602547616685"
    ],
    "album_label": [
        "Cash Money Records Inc."
    ],
    "release_dates": [
        "2015-09-24T16:00:00.000Z"
    ]
},
...
]
```

## Artist - Youtube Audience Data

Get latest Youtube Audience Analysis and Stats for an artist.

GET

```
https://api.chartmetric.com/api/artist/:id/youtube-audience-stats
```

- Example usage: [#examples-Artist-GetArtistYoutubeAudienceStats-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/236/youtube-audience-stats
```

### Parameter

Field	Type	Description
id	Number	Chartmetric artist ID
date	optional Date	Historical date in ISO date format (e.g. "2020-09-20"). Data may not be available for all historical dates. Default value: today

- Success-Response: [#success-examples-Artist-GetArtistYoutubeAudienceStats-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": {
    "top_countries": [
      {
        "name": "United States",
        "code": "US",
        "percent": "20.22",
        "subscribers": 8675495
      }, ...
    ],
    "audience_genders_per_age": [
      {
        "code": "13-17",
        "male": "4.69",
        "female": "2.63"
      }, ...
    ],
    "audience_genders": [
      {
        "code": "female",
        "weight": "27.61"
      },
      {
        "code": "male",
        "weight": "72.39"
      }
    ],
    "subscribers": 42900000,
    "avg_likes_per_post": 112574,
    "avg_comments_per_post": 5679,
    "engagement_rate": 0.2624,
    "notable_subscribers": [
      {
        "user_id": "UC2pmfLm7iq60v1UwYrWYkZA",
        "username": "VEVO",
        "picture": "https://yt3.ggpht.com/a/AATXAJzvjMHj3jHON7ovo37aaSPqXaXsscIx1Gm-Xw=s480-c-k-c0xffffffff-no-rj-mo",
        "subscribers": 19300000,
      }
    ]
  }
}
```

```

    "fullname": "Veo",
    "url": "https://www.youtube.com/channel/UC2pmfLm7iq60v1UwYrWYkZA",
    "is_verified": false,
    "engagements": 1618,
    "avg_likes": 1618,
    "avg_views": 141741
  },
  ...
]
}

```

---

## Artist - Youtube Views and Market Coverage

Get Artist Youtube Views and Market Coverage

GET

<https://api.chartmetric.com/api/artist/:id/market-coverage-views/youtube>

- Example usage: [#examples-Artist-GetArtistYoutubeMarketCoverageViews-1\_2\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/3380/market-coverage-views/youtube
```

### Parameter

Field	Type	Description
id	Number	Chartmetric artist ID

- Success-Response: [#success-examples-Artist-GetArtistYoutubeMarketCoverageViews-1\_2\_0-0]

HTTP/1.1 200 OK

```

{
  "obj": {
    "insights": {
      "cities": [
        {
          "value": 1616008,
          "timestp": "2020-02-29T08:00:00.000Z",
          "rank": 37,
          "params_id": "0x3755b8b087026b81:0x8fa563bbdd5904c2",
          "name": "Dhaka, Bangladesh",
          "lat": 23.7231,
          "lng": 90.4086,
          "code2": "BD",
          "region": "CITY"
        },
        ...
      ],
      "countries": [
        {
          "value": 7149135,
          "timestp": "2020-02-29T08:00:00.000Z",
          "rank": 16,
          "params_id": "0x12d4fe82448dd203:0xe22cf55c24635e6f",
          "name": "Italy",
          "lat": null,
          "lng": null,
          "code2": null,
          "region": "COUNTRY"
        },
        ...
      ],
      "marketInsights": {
        "marketCities": [
          {
            "value": 1015697,

```

```
"weight": 102.866434270413,
"youtubeforartist_location": "0x32fff2d9810e9e81:0x2edcd5b84a6de2a2",
"current_max_count": "987394",
"youtube_artist_id": "/m/06w2sn5",
"region": "CITY",
"lat": 8.4508,
"lng": 124.6853,
"code2": "PH",
"name": "Cagayan de Oro, Misamis Oriental, Philippines",
"market_max_cm_artist_id": "1013146",
"market_max_artist_name": "JustG"
},
...
],
"marketCountries": [
{
"value": "1384392",
"weight": 102.100280696268,
"youtubeforartist_location": "0x305652a7714e2907:0xba7b0ee41c622b11",
"current_max_count": "1355914",
"youtube_artist_id": "/m/06w2sn5",
"region": "COUNTRY",
"lat": null,
"lng": null,
"code2": null,
"name": "Myanmar",
"market_max_cm_artist_id": "1013146",
"market_max_artist_name": "JustG"
},
...
]
}
}
```

# Authorization

## Authorization - Get API access token

Get API access token to make all other API requests.

If you are experiencing issues with the refresh token, please contact [hi@chartmetric.com](mailto:hi@chartmetric.com).

POST

<https://api.chartmetric.com/api/token>

- Example usage: [#examples-Authorization-GetAccessToken-1\_0\_0-0]

```
curl -d '{"refreshtoken": "REFRESH_TOKEN"}' -H "Content-Type: application/json" -X POST https://api.chartmetric.com/api
```

## Parameter

Field	Type	Description
refreshtoken	String	Chartmetric refresh token*

Success 200

Field	Type	Description
-------	------	-------------

Field	Type	Description
token	String	Token ID for API Calls
expires_in	Number	Time when the token will expire
refresh_token	String	Refresh Token ID
scope	String	What the token is for

- HTTP/1.1 200 OK [#success-examples-Authorization-GetAccessToken-1\_0\_0-0]

```
HTTP/1.1 200 OK
```

```
{
  "token": "eyJhbGciOiJIUzI....",
  "expires_in": 3600,
  "refresh_token": "xxxxxx....",
  "scope": "api"
}
```

# Charts

## Charts - / Introduction

Chartmetric provides in-depth metrics and historical data for tracks / album on various charts.

Generally, charts data is fetched based on charting country, genre type and charting date.

The parameter table explains fundamental fields used for Chart routes, as well as show the full option list for country\_code.

The example response explains certain important keys found in most Chart routes.

GET

```
https://api.chartmetric.com/
```

### Parameter

Field	Type	Description
country_code	String	(Not all charts contain 'GLOBAL')  Allowed values: GLOBAL, US, JP, DE, FR, GB, IT, CN, BR, CA, ES, IN, MX, NL, AU, AR, KR, RU, CH, TW, BE, SE, AT, TR, DK, HK, PL, NO, SA, FI, GR, ZA, TH, PT, CO, IL, VE, SG, ID, EG, IE, CL, MY, NG, PH, PE, CZ, NZ, HU, UA, RO, AE, KZ, VN, EC, SI, GT, LB, LU, DO, LK, BG, SV, LT, CR, CY, KE, PA, BO, PY, JO, LV, ZW, HN, EE, KH, PG, NI, MD, LA, SZ, MN
genre	String	Allowed values: All Genres, Rock, Country, ...
date	Date	All charts use the date field to determine the charting day in the format 'yyyy-mm-dd', e.g. '2018-12-31'.

Field	Type	Description
offset	Number	Allowed values: 0
limit	Number	200 (max default)

- Example Response (Result Explanation): [#success-examples-Charts-ChartIntroduction-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": {
    "length": 50, => Number of data entries
    "data": [ => List of results
      {
        "id": 9918647, => Specific Chart ID (Spotify, iTunes...)
        "cm_track": ..., => Chartmetric Track ID
        "cm_album": ..., => Chartmetric Album ID,
        "cm_artist": ..., => Chartmetric Artist ID,
        "added_at": ..., => Date Of Data Recorded
        "rank": ..., => Current Rank
        "pre_rank": ..., => Previous Rank (To compute rank change)
        "peak_rank": ..., => Top Rank
        "peak_date": ..., => Date of Top Rank
        "time_on_chart": ..., => Number of days on Chart
        "rankStats": [ => Historical rank data over time
          {
            "plays": ..., => Number of streams (Spotify only)
            "rank": ..., => Rank on Given Date
            "timestp": ..., => Date of Rank Recorded
          },
          {...},
        ],
        {...},
        {...},
        ...
      ],
    ]
  }
}
```

## Charts - Airplay

Get data insights for tracks or artists on Airplay Charts, including latest position, time on chart and position changes over time.

Given the appropriate filters, get data specific to country and type depending on the chart type.

This endpoint is useful for identifying the music trends on Airplay Charts in different countries.

GET

```
https://api.chartmetric.com/api/charts/airplay/:chart\_type
```

- Usage (tracks) [#examples-Charts-GetAirplayChart-1\_0\_0-0]
- Usage (artists) [#examples-Charts-GetAirplayChart-1\_0\_0-1]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/airplay/tracks?since=2020-09-09&du
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/airplay/artists?since=2020-09-09&d
```

## Parameter

Field	Type	Description
chart_type	String	Allowed values: <code>tracks</code> , <code>artists</code>
date	Date	Charting date
since	Date	Start of date range, in ISO date format (e.g. "2017-03-25").
limit	Number	The limit of entries to be returned.
duration	String	Allowed values: <code>daily</code> , <code>weekly</code>
country_code	optional String	<p>country_code Country Code (Full list in Introduction)</p> <p>Default value: GLOBAL</p> <p>Allowed values: US, JP, ...</p>
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

- Example Response: [#success-examples-Charts-GetAirplayChart-1\_0\_0-0]

```
{
  "obj": {
    "length": 500,
    "data": [
      {
        "id": 5381,
        "name": "Dua Lipa",
        "image_url": "https://i.scdn.co/image/330f9806621bc0fe67f5c06f2f1f8df53d011b4e",
        "isni": "0000000464135414",
        "code2": "gb",
        "hometown_city": "London",
        "current_city": "London",
        "sp_followers": 19222236,
        "sp_popularity": 93,
        "sp_monthly_listeners": 58763651,
        "deezer_fans": 5023939,
        "tags": [
          "pop",
          "dance pop",
          "post-teen pop",
          "uk pop"
        ],
        "spotify_artist_ids": [
          "6M2wZ9GZgrQXHCFfv46we"
        ],
        "itunes_artist_ids": [
          399837637,
          1031397873
        ],
        "deezer_artist_ids": [
          "8706544"
        ],
        "cm_artist_rank": 14,
        "amazon_artist_ids": [
          "B01430IF9G"
        ],
        "rank": 1,
        "plays": 5148,
        "cm_artist": 5381,
        "added_at": "2020-09-09T07:00:00.000Z",
        "last_update": "2020-09-09T07:00:00.000Z"
      }
    ]
  }
}
```

```
"velocity": 0,
"pre_rank": 1,
"peak_rank": 1,
"peak_date": "2020-08-12T07:00:00.000Z",
"time_on_chart": "37",
"rankStats": [
  {
    "rank": 1,
    "plays": 4963,
    "timestp": "2020-09-08T07:00:00.000Z"
  },
  {
    "rank": 1,
    "plays": 5148,
    "timestp": "2020-09-09T07:00:00.000Z"
  }
],
{
  "id": 3852,
  "name": "The Weeknd",
  "image_url": "https://i.scdn.co/image/d9a875c37277c35b94c60c00d2cd256db098505d",
  "isni": "0000000382556637",
  "code2": "ca",
  "hometown_city": null,
  "current_city": null,
  "sp_followers": 23915366,
  "sp_popularity": 95,
  "sp_monthly_listeners": 66122557,
  "deezer_fans": 1479,
  "tags": [
    "rap",
    "pop",
    "canadian pop",
    "canadian contemporary r&b"
  ],
  "spotify_artist_ids": [
    "1Xyo4u8uXC1ZmMpatF05PJ"
  ],
  "itunes_artist_ids": [
    479756766,
    1231860459,
    402582390
  ],
  "deezer_artist_ids": [
    "5113766",
    "10435570",
    "4050205"
  ],
  "cm_artist_rank": 6,
  "amazon_artist_ids": [
    "B00G9Y64K6"
  ],
  "rank": 2,
  "plays": 4131,
  "cm_artist": 3852,
  "added_at": "2020-09-09T07:00:00.000Z",
  "velocity": 0,
  "pre_rank": 2,
  "peak_rank": 2,
  "peak_date": "2020-08-05T07:00:00.000Z",
  "time_on_chart": "37",
  "rankStats": [
    {
      "rank": 2,
      "plays": 4129,
      "timestp": "2020-09-08T07:00:00.000Z"
    },
    {
      "rank": 2,
      "plays": 4131,
      "timestp": "2020-09-09T07:00:00.000Z"
    }
  ]
}
```

```
},
...
```

## Charts - Amazon

Amazon

GET

```
https://api.chartmetric.com/api/charts/amazon/:chart-type
```

- Usage (tracks) [#examples-Charts-GetAmazonMusicChart-1\_0\_0-0]
- Usage (albums) [#examples-Charts-GetAmazonMusicChart-1\_0\_0-1]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/amazon/tracks?date=2019-5-26&type=
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/amazon/albums?date=2019-5-26&type=
```

### Parameter

Field	Type	Description	
chart-type	String	Allowed values: tracks, albums	
type	String	<ul style="list-style-type: none"> <li>['popular_track', 'new_track'] (tracks)</li> <li>['popular_album', 'new_album'] (albums)</li> </ul> Allowed values: popular_track, new_track, popular_album, new_album	
date	Date	Charting Date	
genre	String	Allowed values: All Genres, Alternative Rock, Blues, Broadway & Vocalists, Children's Music, Christian, Classic Rock, Classical, Country, Dance & Electronic, Folk, Hard Rock & Metal, Holiday, International, Jazz, Latin Music, Miscellaneous, New Age, Opera & Vocal, Pop, R&B, Rap & Hip-Hop, Rock, Soundtracks	
latest	optional	Boolean	If set to true, returns latest data point available regardless of date.

## Charts - Apple Music

Get data insights for tracks, albums or videos on Apple Music Charts, including information such as peak rank and historical charting rank changes over time.

Given the appropriate filters, get data specific to country, genre and type depending on the chart type.

This endpoint is useful for identifying the latest trends on Apple Music Charts across genres in different countries.

GET

```
https://api.chartmetric.com/api/charts/applemusic/:chart-type
```

- Usage (tracks) [#examples-Charts-GetAppleMusicChart-1\_0\_0-0]
- Usage (albums) [#examples-Charts-GetAppleMusicChart-1\_0\_0-1]
- Usage (videos) [#examples-Charts-GetAppleMusicChart-1\_0\_0-2]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/applemusic/tracks?date=2018-11-01&
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/applemusic/albums?date=2018-11-01&
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/applemusic/videos?date=2018-11-01&
```

## Parameter

Field	Type	Description
chart-type	String	Allowed values: tracks, albums, videos
type	String	(tracks only) Allowed values: top, hot, daily
country_code	String	Full list in Introduction Allowed values: US, JP, ...
date	Date	Charting Date
genre	String	Allowed values: All Genres, Pop, Rock, Dance, Latino, K-Pop, Singer/Songwriter, Hip-Hop/Rap, Jazz, Electronic, R&B/Soul, Blues, Country, Reggae, Classical, Alternative, World, Disney, J-Pop, Christian & Gospel, Easy Listening, Children's Music, Fitness & Workout, Soundtrack
offset	optional Number	Each request returns a max limit of entries. To get full dataset, use offset option. Allowed values: 0
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

## Charts - Beatport

Gather data insights on tracks on Beatport Charts, including latest position, time on chart and position changes over time.

Given the appropriate filters, get data specific to chart genre.

This endpoint is extremely useful for identifying upcoming and indie music that is usually not charting on other streaming services.

This data is updated weekly only (on Fridays).

GET

```
https://api.chartmetric.com/api/charts/beatport
```

- Example usage: [#examples-Charts-GetBeatportChart-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/beatport?date=2019-02-01&genre=top
```

## Parameter

Field	Type	Description
date	Date	Charting Date
genre	String	Allowed values: top-100, house, tech-house, future-house, electronica-downtempo, progressive-house, electro-house, techno, glitch-hop, drum-and-bass, trance, reggae-dancehall-dub, hip-hop-r-and-b, indie-dance-nu-disco, hard-dance, dubstep, deep-house, psy-trance, big-room, minimal-deep-tech, funky-groove-jackin-house, funk-soul-disco, dance, breaks, dj-tools, hardcore-hard-techno, leftfield-house-and-techno
offset	optional Number	Each request returns a max limit of entries. To get full dataset, use offset option. Default value: 0
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

## Charts - Chartmetric Score

Chartmetric Score reflects the overall trend for tracks and albums.

It is computed based on the aggregate of weighted rank positions from various charting countries over time.

Note: The type\_id refers to the Chartmetric type id and must match with type to give accurate results.

GET

```
https://api.chartmetric.com/api/charts/:type/:type_id/:chart_type/cm-score
```

- Example usage: [#examples-Charts-GetChartmetricScore-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/artist/4904 spotify-top/cm-score?s
```

## Parameter

Field	Type	Description
type	String	Allowed values: track, artist, album
type_id	Number	[cm_track (Chartmetric Track ID), cm_artist (Chartmetric Artist ID), cm_album (Chartmetric Album ID)]
chart_type	String	Allowed values: spotify-top, spotify-viral, applemusic-genre, applemusic-daily, applemusic-albums, itunes, itunes-albums, shazam

Field	Type	Description
since	Date	Start of date range, in ISO date format (e.g. "2017-03-25").
until	optional Date	End of date range, in ISO date format (e.g. "2017-03-25"). Default value: today

## Charts - Deezer

Get data insights for the top tracks on Deezer for a given day in a certain country

GET

```
https://api.chartmetric.com/api/charts/deezer/
```

- Example usage: [#examples-Charts-GetDeezerChart-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/deezer?country_code=US&date=2019-3
```

### Parameter

Field	Type	Description
country_code	String	Country Code. (Full list in Introduction) Allowed values: US, JP, ...
date	Date	Charting Date
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

## Charts - QQ Music

Get data insights for the top tracks on QQ Music on a given day

GET

```
https://api.chartmetric.com/api/charts/qq/
```

- Example usage: [#examples-Charts-GetQQChart-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/qq?date=2019-4-11
```

### Parameter

Field	Type	Description
date	Date	Charting Date

Field	Type	Description
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

## Charts - Shazam (Cities)

On top of country filters, our Shazam endpoint allows for city level filtering.

Get List of city for a particular country to be used in city parameters.

GET

```
https://api.chartmetric.com/api/charts/shazam/:country_code/cities
```

- Example usage: [#examples-Charts-GetShazamCities-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/shazam/US/cities
```

### Parameter

Field	Type	Description
country_code	String	Country Code (Full list in Introduction) Allowed values: GLOBAL, US, ...

### Success 200

Field	Type	Description
cities	Array	List of cities for the country code
length	Number	Length of the cities array.

- Example Response: [#success-examples-Charts-GetShazamCities-1\_0\_0-0]

```
{
  "obj": {
    "length": 202,
    "cities": [
      "Aberdeen SD",
      "Aberdeen WA",
      "Abilene",
      "Akron",
      "Albany",
      "Albuquerque",
      "Allentown",
      "Anaheim",
      "Anchorage",
      "Asheville",
      "Atlanta",
      "Aurora",
      "Austin",
      "Bakersfield",
      "Baltimore",
      ...
    ]
  }
}
```

## Charts - Shazam

Gather data insights on tracks on Shazam Charts, including latest position, time on chart and position changes over time.

Given the appropriate filters, get data specific to charting country, city, and chart genre.

This endpoint is extremely useful for identifying location-specific music trends, filtering by not only country but also city.

GET

```
https://api.chartmetric.com/api/charts/shazam
```

- Example usage: [#examples-Charts-GetShazamChart-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/shazam?date=2020-09-01&country_code=US
```

### Parameter

Field	Type	Description
country_code	String	Full list in Introduction Allowed values: US, JP, GLOBAL, ...
date	Date	Charting date
city	optional String	Chart City. City parameter may not return any results if country_code is GLOBAL. You can find valid cities for a country Charts - Shazam (Cities) endpoint. Allowed values: San Francisco, ...
offset	optional Number	Each request returns a max limit of entries. To get full dataset, use offset option.
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

### Success 200

Field	Type	Description
id	Number	Shazam chart id
name	String	Shazam chart name
image_url	String	Shazam image url
itunes_track_id	Number	iTunes Track id
cm_track	Number	Chartmetric Track id

Field	Type	Description
cm_artist	Array	Chartmetric Artist Ids
artist_names	Array	Chartmetric Artist Names
code2s	Array	Artist country codes
artist_images	Array	Artist image urls
artist_covers	Array	Artist covers
itunes_artist_ids	Array	iTunes Artist Ids
itunes_artist_names	Array	iTunes Artist Names
itunes_track_ids	Array	iTunes Track Ids
itunes_album_ids	Array	iTunes Album Ids
storefronts	Array	Storefronts
album_ids	Array	Album Ids
album_names	Array	Album Names
album_upc	Array	Album UPC's
album_label	Array	Album labels
itunes_album_id	Array	iTunes Album Ids
release_dates	Array	Album release dates
rank	Number	Track Rank
added_at	Date	Track Added date
code2	String	Track country code
city	String	Track city

Field	Type	Description
itunes_id	Number	Track iTunes Id
shazam_track_id	Number	Shazam Track Id
velocity	Number	Track velocity
pre_rank	Number	Track Pre rank
peak_rank	Number	Track peak rank
peak_date	Date	Track peak date
time_on_chart	Number	Track time on chart
rankStats	Array	Track rank history
num_of_shazams	Number	Number of shazams

- Example Response: [#success-examples-Charts-GetShazamChart-1\_0\_0-0]

```
{
  "obj": {
    "length": 200,
    "data": [
      {
        "id": "529722332",
        "name": "Mood",
        "image_url": "https://images.shazam.com/coverart/t529722332-i1522994920_s400.jpg",
        "itunes_track_id": "1522994920",
        "cm_track": 30361159,
        "cm_artist": [
          1005525
        ],
        "artist_names": [
          "24kGoldn"
        ],
        "code2s": [
          "US"
        ],
        "artist_images": [
          "https://i.scdn.co/image/24506e9f17e631b60bcbaae1f38835f216abd614"
        ],
        "artist_covers": [
          null
        ],
        "itunes_artist_ids": [
          1331377493
        ],
        "itunes_artist_names": [
          "24kGoldn"
        ],
        "itunes_track_ids": [
          "1522994920"
        ],
        "itunes_album_ids": [
          "1522994918"
        ],
        ...
      }
    ]
  }
}
```

```
"storefronts": [
    "NZ"
],
"album_ids": [
    6377387
],
"album_names": [
    "Mood (feat. iann dior) - Single"
],
"album_upc": [
    "886448560302"
],
"album_label": [
    "@ 2020 Records Label, LLC / Columbia"
],
"itunes_album_id": [
    "1522994918"
],
"release_dates": [
    "2020-07-24T07:00:00.000Z"
],
"rank": 1,
"added_at": "2020-09-29T07:00:00.000Z",
"code2": "US",
"city": "San Francisco",
"itunes_id": 11615521,
"shazam_track_id": "529722332",
"velocity": 0,
"pre_rank": 1,
"peak_rank": 1,
"peak_date": "2020-10-02T07:00:00.000Z",
"time_on_chart": "46",
"rankStats": [
    {
        "rank": 1,
        "timestp": "2020-09-22T07:00:00.000Z"
    },
    {
        "rank": 1,
        "timestp": "2020-09-23T07:00:00.000Z"
    },
    {
        "rank": 1,
        "timestp": "2020-09-24T07:00:00.000Z"
    },
    {
        "rank": 1,
        "timestp": "2020-09-25T07:00:00.000Z"
    },
    {
        "rank": 1,
        "timestp": "2020-09-26T07:00:00.000Z"
    },
    {
        "rank": 1,
        "timestp": "2020-09-27T07:00:00.000Z"
    },
    {
        "rank": 1,
        "timestp": "2020-09-28T07:00:00.000Z"
    },
    {
        "rank": 1,
        "timestp": "2020-09-29T07:00:00.000Z"
    }
],
"num_of_shazams": 1170361
},
...
]
```

## Charts - SoundCloud

Gather data insights on tracks on SoundCloud Charts, including latest position, time on chart and position changes over time.

Given the appropriate filters, get data specific to charting country, kind, and genre.

This endpoint is extremely useful for identifying upcoming and indie music that is usually not charting on other streaming services.

This data is updated weekly only (on Fridays).

GET

```
https://api.chartmetric.com/api/charts/soundcloud
```

- Example usage: [#examples-Charts-GetSoundCloudChart-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/soundcloud?date=2019-02-01&country
```

### Parameter

Field	Type	Description
country_code	String	Country Code. Allowed values: [IE, AU, NL, CA, GLOBAL, US, FR, NZ, GB, DE].
date	Date	Charting Date
kind	String	Allowed values: top, trending
genre	String	Allowed values: all-music, pop, hiphoprap, country, rock, jazzblues, classical, reggae, house, folksingersongwriter, techno, trance, disco, rbsoul, world, latin, piano, reggaeton, alternativerock, indie, triphop, electronic, deephouse, drumbass, dancehall, soundtrack, ambient, dubstep, danceedm, trap, metal
offset	optional Number	Each request returns a max limit of entries. To get full dataset, use offset option.
raw	optional Boolean	Returns response excluding peak_rank and peak_date. raw is true by default and has faster response time. Allowed values: true/false
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

## Charts - Spotify (Freshfind)

For a given date, get tracks from the Spotify Fresh Finds Charts.

This endpoint is useful for identifying new music from independent artists and labels.

GET

```
https://api.chartmetric.com/api/charts/spotify/freshfind
```

- Example usage: [#examples-Charts-GetSpotifyFreshfindChart-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/spotify/freshfind?date=2018-11-01
```

## Parameter

Field	Type	Description
date	Date	Charting Date
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

## Charts - Spotify

Get data insights for tracks on Spotify Charts, including historical chart positions trend and streaming counts over time.

Given the appropriate filters, get data specific to charting country, and chart type (Top 200 / Viral 50).

This endpoint is useful for identifying latest music trends in different countries on various Spotify Charts.

This data will be cached daily.

GET

```
https://api.chartmetric.com/api/charts/spotify
```

- Example usage: [#examples-Charts-GetSpotifyTracksChart-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/spotify?date=2018-11-01&country_co
```

## Parameter

Field	Type	Description
date	Date	Charting Date '2018-12-31'
country_code	String	Country Code (Full list in Introduction) Allowed values: GLOBAL, US, . . .
type	String	Chart Type Allowed values: regional, viral
interval	String	Chart Interval Allowed values: daily, weekly
offset	optional Number	Each request returns a max limit of entries. To get full dataset, use offset option. Default value: 0
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

## Charts - Tiktok

Get Tiktok Tracks Chart Information

GET

```
https://api.chartmetric.com/api/charts/tiktok/:chart-type
```

- Usage (tracks) [#examples-Charts-GetTiktokTracksChart-1\_0\_0-0]
- Usage (videos) [#examples-Charts-GetTiktokTracksChart-1\_0\_0-1]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/tiktok/tracks?date=2020-10-11
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/tiktok/videos?date=2020-10-11
```

### Parameter

Field	Type	Description
chart-type	String	['tracks': top track chart, 'videos': trending video chart, 'users': top user chart] Allowed values: tracks, videos, users
date	Date	Charting Date
interval	optional String	Chart Interval Default value: daily Allowed values: daily, weekly
type	String	The type of user chart to retrieve. This parameter will only be used for users and will be ignored for other chart types Allowed values: likes, followers
limit	optional Number	The limit of entries to be returned. Default value: 100
offset	optional Number	The offset of entries to be returned Default value: 0
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

### Success 200

Field	Type	Description
obj	Object	Object containing the response
length	Number	Number of items in the data array

Field	Type	Description
data	Array	Data object containing tracks information.
id	Number	Chartmetric's Tiktok ID
tiktok_track_id	String	Tiktok Track ID
name	String	Tiktok Track Name
isrc	String	ISRC code
image_url	String	Track image url
cm_track	Number	Chartmetric's Track ID
tiktok_artist_names	Array	Tiktok Artist's names
tiktok_track_ids	Array	Tiktok Track ID's
album_ids	Array	Chartmetric Album ID's
album_names	Array	Chartmetric Album Names
album_upc	Array	Album UPC's
album_label	Array	Album Labels
release_dates	Array	Album release dates
rank	Number	Rank on the chart
posts	Number	Number of posts
added_at	Date	Date this track was added
tiktok	Number	Chartmetric's Tiktok ID
velocity	Number	Velocity of on the chart
pre_rank	Number	Previous rank on the chart

Field	Type	Description
Number		peak_rank Peak rank on the chart
peak_date	Date	Date on which the peak rank was achieved
time_on_chart	String	Time on the chart
rankStats	Array	Rank object containing rank statistics
timestp	Date	Timestamp of the rank

- Example Response: [#success-examples-Charts-GetTiktokTracksChart-1\_0\_0-0]

```
{
  "obj": {
    "length": 100,
    "data": [
      {
        "id": 31475,
        "tiktok_track_id": "Laxed-Siren-Beat-6804093117843770118",
        "name": "Laxed - Siren Beat",
        "isrc": "NZAM02001128",
        "image_url": "https://p16-sg.tiktokcdn.com/aweme/100x100/tos-alisg-i-0000/79fc18806b60494cb9117888b5a5f62",
        "cm_track": 29203381,
        "tiktok_artist_names": [
          "Jawsh 685"
        ],
        "tiktok_track_ids": [
          "Laxed-Siren-Beat-6804093117843770118"
        ],
        "album_ids": [
          5963064
        ],
        "album_names": [
          "Laxed (Siren Beat)"
        ],
        "album_upc": [
          "9420058747152"
        ],
        "album_label": [
          "Jawsh 685"
        ],
        "release_dates": [
          "2020-04-24T07:00:00.000Z"
        ],
        "rank": 1,
        "posts": 55300000,
        "added_at": "2020-10-11T07:00:00.000Z",
        "tiktok": 31475,
        "velocity": 0,
        "pre_rank": 1,
        "peak_rank": 1,
        "peak_date": "2020-08-27T07:00:00.000Z",
        "time_on_chart": "171",
        "rankStats": [
          {
            "rank": 1,
            "posts": 55300000,
            "timestp": "2020-10-04T07:00:00.000Z"
          },
          {
            "rank": 1,
            "posts": 55300000,
            "timestp": "2020-10-05T07:00:00.000Z"
          }
        ]
      }
    ]
  }
}
```

```

},
{
  "rank": 1,
  "posts": 55300000,
  "timestp": "2020-10-06T07:00:00.000Z"
},
{
  "rank": 1,
  "posts": 55300000,
  "timestp": "2020-10-07T07:00:00.000Z"
},
{
  "rank": 1,
  "posts": 55300000,
  "timestp": "2020-10-08T07:00:00.000Z"
},
{
  "rank": 1,
  "posts": 55300000,
  "timestp": "2020-10-09T07:00:00.000Z"
},
{
  "rank": 1,
  "posts": 55300000,
  "timestp": "2020-10-10T07:00:00.000Z"
},
{
  "rank": 1,
  "posts": 55300000,
  "timestp": "2020-10-11T07:00:00.000Z"
}
]
},
...
]
}
}

```

## Charts - Twitch

Get data insights for users on Twitch Charts, including latest position, time on chart and position changes over time.

This endpoint is useful for identifying the music trends on Twitch Charts.

GET

<https://api.chartmetric.com/api/charts/twitch/users>

- Usage (users) [#examples-Charts-GetTwitchChart-1\_0\_0-0]

`curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/twitch/users?since=2020-09-09&type`

### Parameter

Field	Type	Description
date	Date	Charting date
since	Date	Start of date range, in ISO date format (e.g. "2017-03-25").
limit	Number	The limit of entries to be returned.

Field	Type	Description
duration	String	Allowed values: daily, weekly, monthly
type	String	The type of chart Allowed values: followers, viewer_hours
latest	optional	Boolean If set to true, returns latest data point available regardless of date.

- Example Response: [#success-examples-Charts-GetTwitchChart-1\_0\_0-0]

```
{
  "obj": {
    "length": 500,
    "data": [
      {
        "name": "ibai",
        "image_url": "https://static-cdn.jtvnw.net/jtv_user_pictures/ec48092c-b628-43ba-beba-c8bcd9a93354-profile_image.png",
        "link": "https://twitch.tv/ibai",
        "cm_artist": null,
        "rank": 1,
        "followers": 2238200,
        "added_at": "2020-09-09T07:00:00.000Z",
        "twitch_user": 9416,
        "velocity": 0,
        "pre_rank": 1,
        "peak_rank": 1,
        "peak_date": "2020-07-08T07:00:00.000Z",
        "time_on_chart": "63",
        "rankStats": [
          {
            "rank": 1,
            "followers": 2212444,
            "timestp": "2020-09-08T07:00:00.000Z"
          },
          {
            "rank": 1,
            "followers": 2238200,
            "timestp": "2020-09-09T07:00:00.000Z"
          }
        ]
      },
      ...
    ]
  }
}
```

## Charts - Youtube

Get data insights for tracks, albums or videos on iTunes Charts, including latest position, time on chart and position changes over time.

Given the appropriate filters, get data specific to country.

This endpoint is useful for identifying the trends on Youtube Charts in different countries.

This data is updated weekly only (on Thursdays).

GET

[https://api.chartmetric.com/api/charts/youtube/:chart\\_type](https://api.chartmetric.com/api/charts/youtube/:chart_type)

- Usage (tracks) [#examples-Charts-GetYoutubeChart-1\_0\_0-0]
- Usage (artists) [#examples-Charts-GetYoutubeChart-1\_0\_0-1]

- Usage (trends) [#examples-Charts-GetYoutubeChart-1\_0\_0-2]
- Usage (videos) [#examples-Charts-GetYoutubeChart-1\_0\_0-3]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/youtube/tracks?date=2020-02-06&cou
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/youtube/artists?date=2020-02-06&co
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/youtube/trends?date=2020-02-06&cou
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/youtube/videos?date=2020-02-06&cou
```

## Parameter

Field	Type	Description
chart_type	String	Allowed values: tracks, artists, trends, videos
country_code	String	Country Code (Full list in Introduction) Allowed values: US, JP, ...
date	Date	Charting date
offset	optional Number	Each request returns a max limit of entries. To get full dataset, use offset option. Default value: 0
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

## Charts - iTunes

Get data insights for tracks, albums or videos on iTunes Charts, including latest position, time on chart and position changes over time.

Given the appropriate filters, get data specific to country, genre and type depending on the chart type.

This endpoint is useful for identifying the music trends on iTunes Charts across genres in different countries.

GET

```
https://api.chartmetric.com/api/charts/itunes/:chart-type
```

- Usage (tracks) [#examples-Charts-GetiTunesChart-1\_0\_0-0]
- Usage (albums) [#examples-Charts-GetiTunesChart-1\_0\_0-1]
- Usage (videos) [#examples-Charts-GetiTunesChart-1\_0\_0-2]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/itunes/tracks?date=2018-11-01&coun
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/itunes/albums?date=2018-11-01&coun
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/charts/itunes/videos?date=2018-11-01&coun
```

## Parameter

Field	Type	Description
chart-type	String	Allowed values: <b>tracks</b> , <b>albums</b> , <b>videos</b>
country_code	String	Country Code (Full list in Introduction) Allowed values: US, JP, ...
date	Date	Charting Date
genre	String	(tracks and albums only)  Allowed values: All, Genres, Pop, Rock, Dance, Latino, K-Pop, Singer/Songwriter, Hip-Hop/Rap, Jazz, Electronic, R&B/Soul, Blues, Country, Reggae, Classical, Alternative, World, Disney, J-Pop, Christian & Gospel, Easy, Listening, Childrens, Music, Fitness & Workout, Soundtrack
offset	optional Number	Each request returns a max limit of entries. To get full dataset, use offset option.  Default value: 0
latest	optional Boolean	If set to true, returns latest data point available regardless of date.

# City

## City - Top Artists

Get top 100 artists with maximum count for source in the city

GET

```
https://api.chartmetric.com/api/city/:id/:source/top-artists
```

- Example usage: [#examples-City-GetTopArtists-1\_1\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS_KEY]' https://api.chartmetric.com/api/city/7060/spotify/top-artists
```

## Parameter

Field	Type	Description
id	Number	Chartmetric city id

Field	Type	Description
source	String	The platform to get top artists for  Allowed values: spotify, youtube, shazam, radio, instagram

**Success 200**

Field	Type	Description
count	Number	Represents local Spotify monthly listeners for Spotify, local daily views for youtube, local followers for Instagram, local occurrences for Shazam and Radio.
id	Number	Chartmetric artist ID
name	String	Artist name
image_url	String	Artist image url
isni	String	isni of Artist
code2	String	2-letter Artist country code (Full List in Introduction)
hometown_city	String	hometown city of Artist
current_city	String	current city of Artist
sp_followers	Number	Number of Spotify followers
sp_popularity	Number	Number of Spotify popularity
sp_monthly_listeners	Number	Number of Spotify monthly listeners
deezer_fans	Number	Number of Deezer fans
cm_artist_rank	Number	Chartmetric artist rank
tags	Array	Tags
spotify_artist_ids	Array	Spotify artist IDs
itunes_artist_ids	Array	Itunes Artist IDs
deezer_artist_ids	Array	Deezer Artist IDs

Field	Type	Description
amazon_artist_ids	Array	Amazon Artist IDs
latest_release	Object	Latest album release info
cm_album	Number	Album IDs
album_name	String	Album name
release_date	Date	Album release date
upc	String	Album UPC
label	String	Album label

- Success-Response: [#success-examples-City-GetTopArtists-1\_1\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "count": "258",
      "id": 1401297,
      "name": "Pop Smoke",
      "image_url": "https://i.scdn.co/image/8f0a45ff4868c7868a7996b57da64f2e89042e26",
      "isni": null,
      "code2": "us",
      "hometown_city": null,
      "current_city": null,
      "sp_followers": 1374300,
      "sp_popularity": 95,
      "sp_monthly_listeners": 27687238,
      "deezer_fans": 181349,
      "tags": [
        "rap"
      ],
      "spotify_artist_ids": [
        "0eDvMgVFoNV3TpwtrVCoTj"
      ],
      "itunes_artist_ids": [
        1450601383
      ],
      "deezer_artist_ids": [
        "58447102"
      ],
      "cm_artist_rank": 37,
      "amazon_artist_ids": [
        "B07N6R3268"
      ],
      "latest_release": {
        "cm_album": 6591557,
        "album_name": "今は亡きあの人たち",
        "release_date": "2020-08-19T07:00:00.000Z",
        "upc": "602435142609",
        "label": "UMG Recordings, Inc.",
        "image_url": "https://i.scdn.co/image/ab67616d0000b27349066d2258ad2e46955e2381"
      }
    }, ...
  ]
}
```

## City - Top Tracks

Get top 100 tracks with maximum count for source in the city

GET

```
https://api.chartmetric.com/api/city/:id/:source/top-tracks
```

- Example usage: [#examples-City-GetTopTracks-1\_1\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS_KEY]' https://api.chartmetric.com/api/city/7060/shazam/top-tracks
```

### Parameter

Field	Type	Description
id	Integer	Chartmetric city id
source	String	The platform to get top tracks for Allowed values: youtube, radio, shazam

### Success 200

Field	Type	Description
isrc	String	Track ISRC
count	Number	Represents local daily views for YouTube, local occurrences for Shazam and Radio
position_stats	Array	Position stats of the track
timestp	Date	Track position timestamp
position	Number	Track position
id	Number	Track ID
name	String	Track name
image_url	String	Track image url
need_to_drop	Number	Track need to drop
description	String	Track description
created_at	Date	Track created at

Field	Type	Description
modified_at	Date	Track modified at
tags	String	Tags
cm_track	Number	Chartmetric Track ID
cm_artist	Array	Chartmetric Artist ID
artist_names	Array	Artist names
code2s	Array	2-letter country codes
artist_images	Array	Artist image
artist_covers	Array	Artist covers
spotify_track_ids	Array	Spotify track IDs
spotify_album_ids	Array	Spotify album IDs
spotify_duration_ms	Number	Spotify duration in milliseconds
itunes_track_ids	Array	iTunes track IDs
itunes_album_ids	Array	iTunes album IDs
storefronts	Array	2-letter country codes of storefronts
deezer_track_ids	Array	Deezer track IDs
deezer_album_ids	Array	Deezer album IDs
deezer_duration	Number	Deezer track duration in seconds
amazon_track_ids	Array	Amazon track IDs
amazon_album_ids	Array	Amazon album IDs
album_ids	Array	Album IDs

Field	Type	Description
album_names	Array	Album names
album_upc	Array	Album UPC's
album_label	Array	Album labels
release_dates	Array	Album release dates

- Success-Response: [#success-examples-City-GetTopTracks-1\_1\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": [
    {
      "isrc": "DEA629252500",
      "count": "28",
      "position_stats": [
        {
          "timestp": "2020-08-03",
          "position": 81
        },
        {
          "timestp": "2020-08-04",
          "position": 58
        },
        {
          "timestp": "2020-08-05",
          "position": 41
        },
        {
          "timestp": "2020-08-05",
          "position": 181
        },
        {
          "timestp": "2020-08-06",
          "position": 167
        },
        {
          "timestp": "2020-08-06",
          "position": 35
        },
        {
          "timestp": "2020-08-07",
          "position": 33
        },
        {
          "timestp": "2020-08-07",
          "position": 150
        },
        {
          "timestp": "2020-08-08",
          "position": 145
        },
        {
          "timestp": "2020-08-08",
          "position": 33
        },
        {
          "timestp": "2020-08-09",
          "position": 138
        },
        {
          "timestp": "2020-08-09",
          "position": 36
        }
      ]
    }
  ]
}
```

```
{  
    "timestp": "2020-08-10",  
    "position": 53  
},  
{  
    "timestp": "2020-08-10",  
    "position": 142  
},  
{  
    "timestp": "2020-08-11",  
    "position": 146  
},  
{  
    "timestp": "2020-08-11",  
    "position": 69  
},  
{  
    "timestp": "2020-08-12",  
    "position": 98  
},  
{  
    "timestp": "2020-08-12",  
    "position": 154  
},  
{  
    "timestp": "2020-08-13",  
    "position": 153  
},  
{  
    "timestp": "2020-08-13",  
    "position": 117  
},  
{  
    "timestp": "2020-08-14",  
    "position": 150  
},  
{  
    "timestp": "2020-08-14",  
    "position": 144  
},  
{  
    "timestp": "2020-08-15",  
    "position": 174  
},  
{  
    "timestp": "2020-08-15",  
    "position": 143  
},  
{  
    "timestp": "2020-08-16",  
    "position": 156  
},  
{  
    "timestp": "2020-08-17",  
    "position": 173  
},  
{  
    "timestp": "2020-08-18",  
    "position": 182  
},  
{  
    "timestp": "2020-08-19",  
    "position": 191  
}  
],  
"id": 11291890,  
"name": "Major Tom",  
"image_url": "https://i.scdn.co/image/73b7f1f27769379d6796ed9300bda12d9dd3e75d",  
"need_to_drop": 54,  

```

```

    "cm_artist": [
        217598
    ],
    "artist_names": [
        "Peter Schilling"
    ],
    "code2s": [
        "DE"
    ],
    "artist_images": [
        "https://i.scdn.co/image/3f6870676468c6f14dff7df4a7a0cc57c604e258"
    ],
    "artist_covers": [
        null
    ],
    "spotify_track_ids": [
        "6lXKNd0snaLv9LwulZbxNl",
        "4SddoTPyGG1Kv8pYFGRw7i",
        "1m8Xeq5ZDBX572XJjtoDYq",
        "0XbIyKQ3R14jfujso9FtGD",
        "40b7v1pR4AeeIesdeouVbI",
        "1zHYDGRJsGY0pg6aapBUwa",
        "41grRkO3XmFylQUWAEMNLs",
        "7u0RtV6Vw12DUis38U2Jan",
        "4WwCBgWRngXPj2JgGC6DaA",
        "27LV69d5KKG27Dn31Rm0pY",
        "2wEZPGDPViaHwtPE031A9L",
        "0JC6ra7f64oDlUzTpYMtDb"
    ],
    "spotify_album_ids": [
        "1rYXSHYaxxQ9HclnAeVhxv",
        "0hr0QFvloj2VSZYg9E3bFj",
        "4xYHZA1NhxAQAcc9JvfsMX1",
        "66arzzb02iYS40vJ4w0fKf",
        "50076VpuuD6KR4VqgG7KIr",
        "1WNo1GGUxmls0tNiukSTnB",
        "18TXRFXRdy8ThD1PEWQoN3",
        "50yqflkptj0439nD1WkPxm",
        "0zPUfMqIUwToTThyUzK7GUx",
        "0NGAu5H3CctGwcgyZwjgua",
        "4SwYopbqPzWFKspSI5R0p5",
        "2ubLx1k0weu2ZjMXDI0Do2"
    ],
    "spotify_duration_ms": 300266,
    "itunes_track_ids": [
        "40633230",
        "298674756",
        "1260644262",
        "321972589",
        "1020525890",
        "1235468429"
    ],
    "itunes_album_ids": [
        "40633214",
        "298674755",
        "1260643896",
        "321972510",
        "1020525877",
        "1235468416"
    ],
    "storefronts": [
        "PE",
        "US",
        "US",
        "US",
        "US",
        "AU"
    ],
    "deezer_track_ids": [
        "520450102",
        "3605281"
    ],
    "deezer_album_ids": [
        67074482,

```

```
340212
],
"deezer_duration": 299,
"amazon_track_ids": null,
"amazon_album_ids": null,
"album_ids": [
    473527,
    502054,
    713710,
    1064261,
    5104718,
    5147720,
    5150479,
    5154498,
    5391653,
    5648394,
    5790083,
    5818607,
    5964785
],
"album_names": [
    "SWR1 - Achtzig 80er",
    "WDR - Die beliebtesten NDW-Hits",
    "80's Top 40 Hits",
    "Von Anfang An...Bis Jetzt !",
    "De store fra 80'erne",
    "Hits Of The 80s",
    "Top 100 80s",
    "Sommermusik",
    "Hits zum mitsingen",
    "Otra dimensión: La nueva ola alrededor del mundo",
    "Club Classics: 80's Electronic",
    "Home Office Pop Hits",
    "80's Work Out"
],
"album_upc": [
    "5099969886652",
    "4029759074533",
    "825646550708",
    "639842921060",
    "842474183977",
    "190295446765",
    "190295362485",
    "842474195208",
    "842474148341",
    "5059460004627",
    "5059460012455",
    "5059460020016",
    "5059460021846"
],
"album_label": [
    "EMM",
    "edel entertainment GmbH",
    "WM Mexico",
    "WM Germany",
    "Warner Music Group - X5 Music Group",
    "Rhino",
    "Rhino",
    "Warner Music Group - X5 Music Group",
    "Warner Music Group - X5 Music Group"
],
"release_dates": [
    "2009-06-19T07:00:00.000Z",
    "2012-01-06T08:00:00.000Z",
    "2012-09-18T07:00:00.000Z",
    "1983-06-27T07:00:00.000Z",
    "2018-07-02T07:00:00.000Z",
    "2019-03-29T07:00:00.000Z",
    "2019-08-30T07:00:00.000Z",
    "2019-03-15T07:00:00.000Z",

```

```

        "2019-11-22T08:00:00.000Z",
        "2020-01-31T08:00:00.000Z",
        "2020-03-13T07:00:00.000Z",
        "2020-03-21T07:00:00.000Z",
        "2020-04-27T07:00:00.000Z"
    ]
},
...
]
}

```

## Curator

### Curator - Curator List

GET

```
https://api.chartmetric.com/api/curator/:platform/lists
```

- Example usage: [#examples-Curator-GetPlaylistCuratorList-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/curator/spotify/lists?indie=false&limit=5
```

#### Parameter

Field	Type	Description
platform	String	Allowed values: spotify, applemusic, deezer
offset	optional Number	The offset of entries to be returned. Max value: 100000 Default value: 0
limit	optional Number	The number of entries to be returned Default value: 10
indie	optional Boolean	If the playlist was curated by major labels (Spotify only type). This option is only applicable to Spotify.
withSocialUrls	optional Boolean	option to add social url data to response. This option is only applicable to Spotify. Default value: false

#### Success 200

Field	Type	Description
user_id	String	Spotify curator ID
id	Number	Chartmetric curator ID

Field	Type	Description
owner_name	String	curator name
url	String	curator url
num_playlists	Number	count of playlist
sp_playlist_total_reach	Number	Sum of followers from all spotify playlists, indicating total playlists reach
followers	NUmber	count of followers
fdiff_month	Number	Difference in number of followers compared to last month, indicating monthly follower growth
tags	String	Tags
submithub_id	String	submithub_id

- Success-Response: [#success-examples-Curator-GetPlaylistCuratorList-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": [
    {
      "user_id": "spotify",
      "owner_id": 2,
      "owner_name": "Spotify",
      "url": "https://profile-images.scdn.co/images/userprofile/default/3c93d52857ecf3e40c4e8435adb7f9c1da40a0dd",
      "num_playlists": 7168,
      "sp_playlist_total_reach": 835674070,
      "followers": 7891964,
      "fdiff_month": 53238,
      "tags": null,
      "submithub_id": null
    },
    {
      "user_id": "spotifycharts",
      "owner_id": 133000,
      "owner_name": null,
      "url": null,
      "num_playlists": 120,
      "sp_playlist_total_reach": 33717533,
      "followers": 9314,
      "fdiff_month": 53,
      "tags": null,
      "submithub_id": null
    },
    {
      "user_id": "myplay.com",
      "owner_id": 115196,
      "owner_name": "Filtr US",
      "url": "https://profile-images.scdn.co/images/userprofile/default/a76a8d151c9bdaba5dac58e28fe2ed27dabe14f3",
      "num_playlists": 161,
      "sp_playlist_total_reach": 13769885,
      "followers": 979821,
      "fdiff_month": -15,
      "tags": null,
      "submithub_id": null
    }
  ]
}
```

```

    "user_id": "sonymusicentertainment",
    "owner_id": 132426,
    "owner_name": "Filtr Sweden",
    "url": "https://profile-images.scdn.co/images/userprofile/default/06e798e63e2ae7a26e4b64b8c0f2f1482c1dfa09",
    "num_playlists": 454,
    "sp_playlist_total_reach": 7993494,
    "followers": 614371,
    "fdiff_month": -258,
    "tags": null,
    "submithub_id": null
  },
  {
    "user_id": "digster.fm",
    "owner_id": 74391,
    "owner_name": null,
    "url": "https://profile-images.scdn.co/images/userprofile/default/ecfb326813f6235f62b054c73de424d267740200",
    "num_playlists": 203,
    "sp_playlist_total_reach": 6592316,
    "followers": 722371,
    "fdiff_month": 8402,
    "tags": null,
    "submithub_id": null
  }
],
"offset": 0,
"total": 229580
}

```

## Curator - Metadata

GET

```
https://api.chartmetric.com/api/curator/:platform/:id/
```

### Parameter

Field	Type	Description
id	Number	Chartmetric curator ID
platform	String	Allowed values: spotify, applemusic, deezer

## Curator - Playlists

GET

```
https://api.chartmetric.com/api/curator/:platform/:id/playlists
```

### Parameter

Field	Type	Description
id	Number	Chartmetric curator ID
platform	String	Allowed values: spotify, applemusic, deezer

# Deprecated

## Deprecated - Instagram Audience Analysis

Get latest Instagram Audience Analysis for an artist.

GET

```
https://api.chartmetric.com/api/artist/:id/instagram-audience
```

- Example usage: [#examples-Degraded-GetArtistInstagramAnalysis-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/artist/3380/instagram-audience?type=count

{
  "obj": [
    {
      "name": "United States",
      "code": "US",
      "percent": "87.03",
      "followers": 1990169
    },
    {
      "name": "Canada",
      "code": "CA",
      "percent": "4.50",
      "followers": 102915
    }
  ]
}
```

### Parameter

Field	Type	Description
id	Number	Chartmetric artist ID
type	String	Allowed values: countries, cities

- Success-Response: [#success-examples-Degraded-GetArtistInstagramAnalysis-1\_0\_0-0]

```
HTTP/1.1 200 OK
```

# Playlist

## Playlist - Metadata

GET

```
https://api.chartmetric.com/api/playlist/:platform/:id
```

- Example usage: [#examples-Playlist-GetPlaylistMetadata-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/playlist/spotify/179228/
```

## Parameter

Field	Type	Description
id	String	Chartmetric playlist ID
platform	String	Streaming platform type Allowed values: spotify, applemusic, deezer, amazon
storefront	optional String	Apple Music storefront. Required for Apple Music playlists Allowed values: ae, ag, ai, am, ar, at, au, az, bb, be, bg, bh, bm, bo, br, bw, by, bz, ca, ch, cl, cn, co, cr, cv, cy, cz, de, dk, dm, do, ec, ee, eg, es, fi, fj, fm, fr, gb, gd, gh, gm, gr, gt, gw, hk, hn, hu, id, ie, il, in, it, jo, jp, ke, kg, kh, kn, kr, ky, kz, la, lb, lk, lt, lu, lv, md, mn, mo, mt, mu, mx, my, ne, ng, ni, nl, no, np, nz, om, pa, pe, pg, ph, pl, pt, py, ro, ru, sa, se, sg, si, sk, sv, sz, th, tj, tm, tr, tt, tw, ua, ug, us, uz, ve, vg, vn, za, zw

## Success 200

Field	Type	Description
id	Number	Chartmetric playlist ID
name	String	Playlist name
playlist_id	String	Spotify playlist ID
description	String	Playlist description
image_url	String	Playlist Image
followers	Number	followers count of playlist
sys_last_updated	String	Chartmetric last updated
code2	String	Playlist Country
owner_name	String	Playlist owner (user) name
owner_id	String	Chartmetric curator ID
user_id	String	Playlist owner (user) ID

Field	Type	Description
num_track	String	Number of tracks
fdiff_week	Number	Difference in number of followers compared to previous week, indicating weekly follower growth
fdiff_month	Number	Difference in number of followers compared to previous month, indicating monthly follower growth
last_updated	String	Playlist last updated
new_sp_id	String	New spotify playlist id (if transferred)
tags	String	Tags

- Success-Response: [#success-examples-Playlist-GetPlaylistMetadata-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": {
    "id": 179228,
    "name": "Disney Hits",
    "playlist_id": "5NtjgKz4doejP5HJtKXFcS",
    "description": "All your favorite <a href=\"https://open.spotify.com/user/128899670/\">Disney</a> songs, past a",
    "image_url": "https://pl.scdn.co/images/pl/default/e3b6efb890bebf0078f0cba69a618aeae8f00b45",
    "followers": 1941302,
    "sys_last_updated": "2018-07-22T17:50:47.748Z",
    "code2": null,
    "owner_name": "Walt Disney Records",
    "owner_id": 40857,
    "user_id": "128899670",
    "num_track": "54",
    "fdiff_week": 13588,
    "fdiff_month": 62082,
    "last_updated": "2018-06-23T00:59:54.000Z",
    "new_sp_id": null,
    "tags": [
      {
        "id": 723,
        "name": "disney",
        "source": "spotify",
        "type": "genre",
        "url": null
      },
      {
        "id": 12463,
        "name": "hollywood",
        "source": "spotify",
        "type": "genre",
        "url": null
      },
      {
        "id": 25588,
        "name": "movie tunes",
        "source": "spotify",
        "type": "genre",
        "url": null
      }
    ]
  }
}
```

## Playlist - Playlist Evolution Stats (given Artist, Album or Track Chartmetric ID)

Please note that some tracks have only the latest stats and no evolution.

GET

```
https://api.chartmetric.com/api/playlist/by/:type/:id/evolution
```

- Example usage: [#examples-Playlist-GetEvolution-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/playlist/by/artist/5408/evolution
```

### Parameter

Field	Type	Description
type	String	Chartmetric metadata type (artist, track, album)
id	Number	Chartmetric metadata ID
since	optional Number	beginning date, in ISO date format, default is 6 months from current date (e.g. "2017-03-25")
until	optional Number	end date, in ISO date format, default is current date (e.g. "2017-03-25")

### Success 200

Field	Type	Description
spotify	object	Array of objects denoting stats for spotify playlists for this artist/track/album
itunes	object	Array of objects denoting stats for itunes playlists for this artist/track/album
deezer	object	Array of objects denoting stats for deezer playlists for this artist/track/album
amazon	object	Array of objects denoting stats for amazon playlists for this artist/track/album
youtube	object	Array of objects denoting stats for youtube playlists for this artist/track/album
created_at	object	Date for which the stats are recorded
playlist_count	object	Total number of playlists for the date
ed_playlist_count	object	Total number of editorial playlists for the date
playlist_total_reach	object	Total number of followers/fans/subscribers for the playlists for the date

Field	Type	Description
ed_playlist_total_reach	object	Total number of followers/fans/subscribers for the editorial playlists for the date

- Success-Response: [#success-examples-Playlist-GetEvolution-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": {
    "spotify": [
      {
        "created_at": "2018-12-01",
        "playlist_count": 1095,
        "ed_playlist_count": 8,
        "playlist_total_reach": 4296113,
        "ed_playlist_total_reach": 3383510
      },
      {
        "created_at": "2018-12-02",
        "playlist_count": 1097,
        "ed_playlist_count": 10,
        "playlist_total_reach": 4296134,
        "ed_playlist_total_reach": 3383557,
      },...
    ],
    "amazon": [],
    "deezer": [],
    "youtube": [],
    "itunes": [
      {
        "created_at": "2018-12-01",
        "playlist_count": 15,
        "ed_playlist_count": 3,
        "playlist_total_reach": null,
        "ed_playlist_total_reach": null
      },
      {
        "created_at": "2018-12-01",
        "playlist_count": 15,
        "ed_playlist_count": 3,
        "playlist_total_reach": null,
        "ed_playlist_total_reach": null
      },...
    ]
  }
}
```

## Playlist - Playlist Evolution Stats (given Artist, Album or Track Chartmetric ID)

Please note that this API is deprecated and will be removed soon. Please use /api/playlist/by/:type/:id/evolution instead.

GET

<https://api.chartmetric.com/api/playlist/by/:type/:id/playlist-evolution>

- Example usage: [#examples-Playlist-GetEvolution-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/playlist/by/artist/5408/playlist-evolutio
```

## Parameter

Field	Type	Description
type	String	Chartmetric metadata type (artist, track, album)
id	Number	Chartmetric metadata ID
since	optional Number	beginning date, in ISO date format (e.g. "2017-03-25")
until	optional Number	end date, in ISO date format (e.g. "2017-03-25")

**Success 200**

Field	Type	Description
spotify_playlist_count	object	Number of spotify playlists featuring this artist
itunes_playlist_count	object	Number of apple music playlists featuring this artist
deezer_playlist_count	object	Number of deezer playlists featuring this artist
amazon_playlist_count	object	Number of amazon playlists featuring this artist
youtube_playlist_count	object	Number of youtube playlists featuring this artist
spotify_ed_playlist_count	object	Number of spotify editorial playlists featuring this artist
itunes_ed_playlist_count	object	Number of apple music editorial playlists featuring this artist
deezer_ed_playlist_count	object	Number of deezer editorial playlists featuring this artist
amazon_ed_playlist_count	object	Number of amazon editorial playlists featuring this artist
youtube_ed_playlist_count	object	Number of youtube editorial playlists featuring this artist
spotify_playlist_total_reach	object	Sum of followers from all spotify playlists, indicating total playlists reach
spotify_ed_playlist_total_reach	object	Sum of followers from spotify editorial playlists, indicating total playlists reach
deezer_playlist_total_reach	object	Sum of fans from all deezer playlists, indicating total playlists reach
deezer_ed_playlist_total_reach	object	Sum of fans from deezer editorial playlists, indicating total playlists reach
youtube_playlist_total_reach	object	Sum of views from all youtube playlists, indicating total playlists reach

Field	Type	Description
youtube_ed_playlist_total_reach	object	Sum of views from youtube editorial playlists, indicating total playlists reach
created_at	object	Date for which the stats are recorded

- Success-Response: [#success-examples-Playlist-GetEvolution-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "cm_artist": 5408,
      "spotify_playlist_total_reach": "62406265",
      "spotify_playlist_count": 4510,
      "spotify_ed_playlist_total_reach": "39512263",
      "spotify_ed_playlist_count": 76,
      "itunes_playlist_count": 185,
      "itunes_ed_playlist_count": 42,
      "amazon_playlist_count": 267,
      "amazon_ed_playlist_count": 234,
      "deezer_playlist_count": 80,
      "deezer_playlist_total_reach": "10389434",
      "deezer_ed_playlist_count": 8,
      "deezer_ed_playlist_total_reach": "619750",
      "youtube_playlist_count": 12,
      "youtube_playlist_total_reach": "33750705",
      "youtube_ed_playlist_count": 9,
      "youtube_ed_playlist_total_reach": "28382560",
      "created_at": "2019-11-01T07:00:00.000Z"
    },
    ...
  ]
}
```

## Playlist - Playlist Journey or Progression

GET

```
https://api.chartmetric.com/api/playlist/:platform/:id/journey-progression/:type
```

- Example usage: [#examples-Playlist-GetPlaylistJourneyProgression-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/playlist/1189520191/journey-progre
```

### Parameter

Field	Type	Description
platform	String	<p>Streaming platform type</p> <p>Allowed values: spotify, applemusic, deezer</p>
type	String	<p>Look Back or Look Ahead</p> <p>Allowed values: journey, progression</p>

Field	Type	Description
<code>id</code>	Number	Chartmetric playlist ID
<code>sortColumn</code>	optional String	Column to sort the results by Default value: <code>overlap</code> Allowed values: <code>overlap, followers</code>
<code>sortOrder</code>	optional String	Sort Order Default value: <code>desc</code> Allowed values: <code>asc, desc</code>
<code>limit</code>	optional Number	Limit of number of matched playlists Default value: <code>10</code>
<code>offset</code>	optional Number	Default value: <code>0</code>

## Success 200

Field	Type	Description
<code>total</code>	Number	Total number of matched playlists
<code>plid</code>	Number	Matched playlist ID
<code>total_percent_overlap</code>	Number	Total overlap percent for the target playlist and matched playlist combination
<code>image_url</code>	String	Image link for the matched playlist ID
<code>count_distinct_tracks</code>	Number	Number of distinct tracks for the target playlist and matched playlist combination
<code>events</code>	Object	Details for target playlist and matched playlist combination per day

- Success-Response: [#success-examples-Playlist-GetPlaylistJourneyProgression-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": {
    "total": "24",
    "data": [
      {
        "plid": "1280262301",
        "name": "",
        "followers": 1022,
        "image_url": null,
        "total_percent_overlap": 0.055556,
        "count_distinct_tracks": "2",
        "events": [
          {
            "days": 16,
            "day_percent_overlap": 0.055556,
            "target_playlist": "1280262301"
          }
        ]
      }
    ]
  }
}
```

```

    "tracks_added": [
      {
        "id": 20654220,
        "name": "Flou",
        "image_url": "https://is3-ssl.mzstatic.com/image/thumb/Music118/v4/4f/a7/07/4fa707be-69
        "isrc": "BE8HB1800014"
      },
      {
        "id": 20283133,
        "name": "Le temps est bon",
        "image_url": "https://i.scdn.co/image/57ef31f293dc758e4ba815512670ad761f082643",
        "isrc": "FRZ051800423"
      }
    ]
  },
  [
    {
      "id": 1234567890,
      "name": "My Playlist"
    }
  ]
}

```

## Playlist - Playlist List

- June 09, 2020 - We no longer provide Monthly Listeners metric for Spotify Playlists

GET

```
https://api.chartmetric.com/api/playlist/:platform/lists
```

- Example usage: [#examples-Playlist-GetPlaylistList-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/playlist/spotify/lists?limit=5&offset=0&s
```

### Parameter

Field	Type	Description
platform	String	Streaming platform type Allowed values: spotify, applemusic, deezer, amazon
sortColumn	optional String	Column to sort by Allowed values: followers, last_updated, etc...
code2	optional String	country code
tagIds	optional String	playlist tagIds
curatorIds	optional String	Spotify's user IDs
limit	optional Number	The number of entries to be returned Default value: 10

Field	Type	Description
offset	optional	Number The offset of entries to be returned. Max value: 100000  Default value: 0
indie	optional	Boolean If the playlist was curated by indie (Spotify, Apple Music, Deezer, Youtube only type)  Default value: true
majorCurator	optional	Boolean If the playlist was curated by major labels (Spotify, Apple Music, Deezer only type)  Default value: true
editorial	optional	Boolean If the playlist was curated by editorials (Spotify, Apple Music, Deezer, Youtube only type)  Default value: true

## Success 200

Field	Type	Description
id	Number	Chartmetric playlist ID
playlist_id	String	Spotify playlist ID
name	String	Playlist name
followers	Number	followers count of playlist
owner_name	String	Playlist owner (user) name
owner_id	String	Chartmetric curator ID
user_id	String	Playlist owner (user) ID
fdiff_week	String	Difference in number of followers compared to previous week, indicating weekly follower growth
tags	String	Tags

- Success-Response: [#success-examples-Playlist-GetPlaylistList-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "id": 1645080,
      "playlist_id": "37i9dQZF1DXcBWIGoYBM5M",
      "name": "Today's Top Hits",
    }
  ]
}
```

```

    "image_url": "https://i.scdn.co/image/9e79b03a3e3cca4558613bb361a35d33339b24be",
    "followers": 20153622,
    "playlist_updated": "2018-06-11T07:00:00.000Z",
    "owner_name": "Spotify",
    "owner_id": 2,
    "user_id": "spotify",
    "fdiff_week": 175125,
    "genre": "electronic, pop, Top Lists, Pop, hip-hop",
},
{
    "id": 1709450,
    "playlist_id": "37i9dQZEVXbMDoHDwVN2tF",
    "name": "Global Top 50",
    "image_url": "https://charts-images.scdn.co/REGIONAL_GLOBAL_DEFAULT.jpg",
    "followers": 12583808,
    "playlist_updated": "2018-06-11T07:00:00.000Z",
    "owner_name": null,
    "owner_id": 133000,
    "user_id": "spotifycharts",
    "fdiff_week": 130407,
    "genre": "Top Lists",
},
{
    "id": 848051,
    "playlist_id": "37i9dQZF1DX0XUsuxWHRQd",
    "name": "RapCaviar",
    "image_url": "https://i.scdn.co/image/7173b3c6961c4e812f6b35552b444da3be584be7",
    "followers": 9687616,
    "playlist_updated": "2018-06-11T07:00:00.000Z",
    "owner_name": "Spotify",
    "owner_id": 2,
    "user_id": "spotify",
    "fdiff_week": 173595,
    "genre": "rap, Top Lists, hip-hop, Hip-Hop",
},
{
    "id": 1645077,
    "playlist_id": "37i9dQZF1DX10zKzsJ2jva",
    "name": ";Viva Latino!",
    "image_url": "https://i.scdn.co/image/659e2b398febda8fda420418e5523fd588a2cc6c",
    "followers": 8204042,
    "playlist_updated": "2018-06-08T07:00:00.000Z",
    "owner_name": "Spotify",
    "owner_id": 2,
    "user_id": "spotify",
    "fdiff_week": 223931,
    "genre": "pop, reggaeton, latin, Top Lists, Latin",
},
{
    "id": 1015841,
    "playlist_id": "37i9dQZF1DWY7IeIP1cdjF",
    "name": "Baila Reggaeton",
    "image_url": "https://i.scdn.co/image/e23c4965be2c4c3331d02193cf6a1f11096dc00",
    "followers": 7291178,
    "playlist_updated": "2018-06-08T07:00:00.000Z",
    "owner_name": "Spotify",
    "owner_id": 2,
    "user_id": "spotify",
    "fdiff_week": 145199,
    "genre": "pop, reggaeton, latin, Latin",
}
],
"offset": 0,
"total": 1035723
}

```

## Playlist - Playlist Snapshot

GET

```
https://api.chartmetric.com/api/playlist/:platform/:id/snapshot
```

- Example usage: [#examples-Playlist-GetPlaylistSnapshot-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/playlist/spotify/179228/snapshot?date=201
```

## Parameter

Field	Type	Description
id	String	Chartmetric playlist ID
platform	String	Streaming platform type Allowed values: spotify, applemusic, deezer, amazon
date	String	Datetime
storefront	optional String	Apple Music storefront. Required for Apple Music playlists Allowed values: us, ca, br, de, gb, ...

- Success-Response: [#success-examples-Playlist-GetPlaylistSnapshot-1\_0\_0-0]

```
HTTP/1.1 200 OK
```

## Playlist - Playlist Stats Over Time

Get spotify playlist followers/deezer playlist fans/youtube playlist views

GET

```
https://api.chartmetric.com/api/playlist/:platform/:id/stats
```

- Example usage: [#examples-Playlist-GetPlaylistStats-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/playlist/spotify/179228/stats?since=2020-
```

```
{
  "obj": [
    {
      "id": 93878425,
      "value": 6527755,
      "timestp": "Thu Oct 10 2019",
      "daily_diff": 0,
      "interpolated": false
    },
    ...
  ]
}
```

## Parameter

Field	Type	Description

Field	Type	Description
id	String	Chartmetric playlist ID
platform	String	Streaming platform type Allowed values: spotify, deezer, youtube
since	optional String	start of the date range, in ISO date format (e.g. "2017-03-25")
until	optional String	end of the date range, in ISO date format (e.g. "2017-03-25") Default value: today

- Success-Response: [#success-examples-Playlist-GetPlaylistStats-1\_0\_0-0]

```
HTTP/1.1 200 OK
```

## Playlist - Tracks (Current, Past)

GET

```
https://api.chartmetric.com/api/playlist/:platform/:id/:span/tracks
```

- Example usage: [#examples-Playlist-GetTracksByPlaylist-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/playlist/spotify/179228/current/tracks
```

### Parameter

Field	Type	Description
id	Number	Chartmetric playlist ID
platform	String	Streaming platform type Allowed values: spotify, applemusic, deezer, amazon
span	String	Time span Allowed values: current, past
storefront	optional String	Apple Music storefront. Required for Apple Music playlists Allowed values: us, ca, br, de, gb, ...
limit	optional Number	Limit of number of matched tracks Default value: 100
offset	optional Number	Default value: 0

**Success 200**

Field	Type	Description
track_id	Number	Chartmetric track ID
spotify_track_id	String	Spotify's track URI ID
artwork_url	String	Album artwork URL
added_at	String	Playlist add date
position	Number	Position in playlist
popularity_score	Number	Spotify's track popularity score
artist_name	String	Artist's name
main_artist_name	String	Not used
spotify_artist_id	String	Spotify's artist URI ID
cm_artist	Number	Chartmetric artist ID
track_name	String	Track name
album_name	String	Album name
ordering	Number	Not used
danceability	Number	
valence	Number	
energy	Number	
speechiness	Number	
acousticness	Number	
instrumentalness	Number	
liveness	Number	
tempo	Number	

- Success-Response: [#success-examples-Playlist-GetTracksByPlaylist-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "track_id":184595,
      "spotify_track_id":"1c6C2wg7PRbPBRRUaEvheC",
      "artwork_url":"https://i.scdn.co/image/7ba20c97c0648a97e6b1eb0c05cc1f1dc0eaf1ed",
      "added_at":"2016-07-21T03:17:46.000Z",
    }
  ]
}
```

```

    "position":49,
    "popularity_score":48,
    "artist_name":"Kyary Pamyu Pamyu",
    "main_artist_name":"Kyary Pamyu Pamyu",
    "spotify_artist_id":"7Gh6fW49xfXLP8DTWaLVJP",
    "cm_artist":298837,
    "track_name":"PONPONPON",
    "album_name":"ぱみゅぱみゅ レポリューション",
    "ordering":0,
    "danceability":"0.634",
    "valence":"0.908",
    "energy":"0.988",
    "speechiness":"0.043",
    "acousticness":"0.0469",
    "instrumentalness":"0.000684",
    "liveness":"0.495",
    "tempo":"128.022"
  },
  ...
]
}

```

## Radio

### Radio - Airplay information in Time Series

Get the time series information for how many times this 'album', 'track' or 'artist' has played on the radio

GET

<https://api.chartmetric.com/api/radio/:type/:id/airplays>

- Example usage: [#examples-Radio-GetRadioAirplays-1\_1\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/radio/artist/236/airplays?since=2020-02-2
```

#### Parameter

Field	Type	Description
id	Number	Chartmetric type object-ID
type	String	Allowed values: artist, album, track
since	Date	Start date in ISO date format (e.g. "2017-03-25"). This parameter is required.

#### Response

Field	Type	Description
obj	Array[]	array of airplay_data as 2d-array
air_date	Number	obj[i][0]; timestamp as unix epoch

Field	Type	Description
spins	Number	obj[i][1]; number of plays(spins) of this track on timestamp

- Success-Response: [#success-examples-Radio-GetRadioAirplays-1\_1\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": [
    [
      1573257600000,
      1
    ],
    [
      1573430400000,
      1
    ],
    .
    .
    .
  ]
}
```

## Radio - Broadcast Market play counts

Get the number of times this 'album', 'track' or 'artist' has played on the radio for all broadcast markets

GET

<https://api.chartmetric.com/api/radio/:type/:id/broadcast-markets>

- Example usage: [#examples-Radio-GetRadioBroadcastMarketData-1\_1\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/radio/artist/236/broadcast-markets?since=
```

### Parameter

Field	Type	Description
type	String	Allowed values: artist, album, track
id	Number	Chartmetric type ID
since	Date	Start date in ISO date format (e.g. "2017-03-25"). This parameter is required.

### Response

Field	Type	Description
countryRatios	Object[]	
market	String	Market Name
market_count_data	String	Total Count in market

Field	Type	Description
code2	String	2-Letter Country Code
total_market_count_data	String	
count_of_stations	String	
population	Number	
lat	Float	Latitude
lng	Float	Longitude
count	Float	
cityRatios	Object[]	
market	String	Market Name
display_name	String	Market Display Name
code2	String	2-Letter Country Code
market_count_data	String	Total Count in market
country	String	Country name
total_market_count_data	String	
count_of_stations	String	
city_id	Number	
population	Number	
lat	Float	Latitude
lng	Float	Longitude
count	Float	

- Success-Response: [#success-examples-Radio-GetRadioBroadcastMarketData-1\_1\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": {
    "countryRatios": [
      {
        "market": "Malaysia",
        "market_count_data": "1155",
        "code2": "MY",
        "total_market_count_data": "63226",
        "count_of_stations": "5",
        "population": 22244000,
        "lat": 4.210484,
        "lng": 101.975766,
        "count": 1.82678012210167
      },
      .
      .
    ]
  }
}
```

```

        ],
        "cityRatios": [
            {
                "market": "Dayton",
                "display_name": "Dayton (United States)",
                "code2": "US",
                "market_count_data": "300",
                "country": "United States",
                "total_market_count_data": "9778",
                "count_of_stations": "1",
                "city_id": 6869,
                "population": 5449,
                "lat": 39.1128,
                "lng": -84.464,
                "count": 3.06811208836163
            },
            .
            .
            .
            .
        ]
    }
}

```

## Radio - Get Radio Station List for Country

Get the list of stations along with metadata for a given country

GET

<https://api.chartmetric.com/api/radio/station-list>

- Example usage: [#examples-Radio-GetRadioStationListForCountry-1\_1\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/radio/station-list?code2=US
```

### Parameter

Field	Type	Description
code2	optional String	2-Letter Country Code

### Response

Field	Type	Description
obj	Object[]	
id	Number	Chartmetric Radio Station ID
name	String	Radio Station Name
genre	String	Radio Station Genre
frequency	String	Radio Station Frequency
market	String	Radio Station Market

Field	Type	Description
broadcast_area	String	Radio Station Broadcast Area
country	String	Radio Station Country
station_state	String	Radio Station State Code
image_url	String	Radio Station Image Link
aqh	Number	Radio Station AQH (average quarter-hour persons): The amount of unique listeners in a 15-minute period listening for >5 minutes; only available for US stations
platform	String	Radio Station Platform
facebook_likes	Number	Radio Station Facebook Likes
instagram_followers	Number	Radio Station Instagram Followers
twitter_followers	Number	Radio Station Twitter Followers
wikipedia_views	Number	Radio Station Wikipedia Views

- Success-Response: [#success-examples-Radio-GetRadioStationListForCountry-1\_1\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "id": 214403,
      "name": "KBIG 104.3 MYfm",
      "genre": "Hot AC",
      "frequency": "104.3",
      "market": "Los Angeles",
      "broadcast_area": "Los Angeles",
      "country": "United States",
      "station_state": "CA",
      "image_url": "https://storage.googleapis.com/cm-app-assets/radio-images/2627_KBIG_FM.png",
      "aqh": 65700,
      "platform": "Terrestrial",
      "facebook_likes": null,
      "instagram_followers": 33094,
      "twitter_followers": 27228,
      "wikipedia_views": 44
    },
    .
    .
    .
  ]
}
```

## Radio - Total Airplays

This route returns the total # of times this 'album', 'track' or 'artist' has played on the radio across all markets Chartmetric follows

GET

```
https://api.chartmetric.com/api/radio/:type/:id/airplay-totals
```

- Example usage: [#examples-Radio-GetRadioAirplayTotals-1\_1\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/radio/artist/236/airplay-totals?limit=3&s
```

## Parameter

Field	Type	Description
type	String	Allowed values: artist, album, track
id	Number	Chartmetric type object-ID
since	Date	Start date in ISO date format (e.g. "2017-03-25"). This parameter is required.
limit	optional Number	The number of entries to be returned Default value: 10

## Response

Field	Type	Description
metadata_details	Object	
countries	Object[]	
code2	String	
name	String	
spins	String	
cities	Object[]	
id	Number	
name	String	
code2	String	
country	String	
lat	Float	
lng	Float	
spins	String	
stations	Object[]	
id	Number	
name	String	
code2	String	
city	String	
country	String	
spins	String	
tracks	Object[]	
id	Number	

Field	Type	Description
name	String	
isrc	String	
spins	String	
metadata	Object	Total counts for other response arrays
countries	String	
cities	String	
stations	String	
spins	String	
countries	Array[]	
code2	String	countries[i][0].code2; 2-letter country code
name	String	countries[i][0].name; Country Name
spins	String	countries[i][0].spins; total no. of plays (spins)
air_date	String	countries[i][1][j].air_date; Air date in ISO Date Format (e.g. "2020-01-11T08:00:00.000Z")
count	String	countries[i][1][j].count; spins count for that air_date
cities	Array[]	
id	Number	cities[i][0].id; country id
name	String	cities[i][0].name
code2	String	cities[i][0].code2; 2-letter country code
country	String	cities[i][0].country; Country long name
lat	Number	cities[i][0].lat; latitude
lng	Number	cities[i][0].lng; longitude
spins	String	cities[i][0].spins; no. of plays (spins)
air_date	String	cities[i][1][j].air_date; Air date in ISO Date Format (e.g. "2020-01-11T08:00:00.000Z")
count	String	cities[i][1][j].count; spins count for that air_date
stations	Array[]	

Field	Type	Description
id	Number	stations[i][0].id; Station id
name	String	stations[i][0].name; Station Name
code2	String	stations[i][0].code2; 2-letter country code
city	String	stations[i][0].city; City
country	String	stations[i][0].country; Country long name
spins	String	stations[i][0].spins; total no. of plays
air_date	String	stations[i][1][j].air_date; Air date in ISO Date Format (e.g. "2020-01-11T08:00:00.000Z")
count	String	stations[i][1][j].count spins; count for that air_date
tracks	Array[]	Array of tracks
track	Object	
id	Number	track[i][0].id
name	String	track[i][0].name
isrc	String	track[i][0].isrc
spins	Number	track[i][0].spins
air_date	String	track[i][1][j].air_date; Air date in ISO Date Format (e.g. "2020-01-11T08:00:00.000Z")

- Success-Response: [#success-examples-Radio-GetRadioAirplayTotals-1\_1\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": {
    "metadata_details": {
      "countries": [
        {
          "code2": "US",
          "name": "United States",
          "spins": "25265"
        },
        .
        .
        .
      ],
      "cities": [
        {
          "id": 6291,
          "name": "London",
        }
      ]
    }
  }
}
```

```
"code2": "GB",
"country": "United Kingdom",
"lat": 51.5,
"lng": -0.1167,
"spins": "1323"
},
.
.
.
],
"stations": [
{
"id": 117527,
"name": "Kamp 97.1 Amp Radio",
"code2": "US",
"city": "Los Angeles",
"country": "United States",
"spins": "554"
},
.
.
.
],
"tracks": [
{
"id": 25923311,
"name": "ROXANNE",
"isrc": "QZHN61957747",
"spins": "45143"
},
.
.
.
]
},
"metadata": {
"countries": "44",
"cities": "211",
"stations": "409",
"spins": "45155"
},
"countries": [
[
{
"code2": "US",
"name": "United States",
"spins": "25265"
},
[
{
"air_date": "2020-01-10T00:00:00.000Z",
"count": "839"
},
.
.
.
]
],
[
{
"code2": "GB",
"name": "United Kingdom",
"spins": "3212"
},
[
{
"air_date": "2020-01-10T00:00:00.000Z",
"count": "179"
},
.
.
.
]
],
```

```
.  
. .  
],  
"cities": [  
[  
  {  
    "id": 6291,  
    "name": "London",  
    "code2": "GB",  
    "country": "United Kingdom",  
    "lat": 51.5,  
    "lng": -0.1167,  
    "spins": "1323"  
},  
[  
  {  
    "air_date": "2020-01-10T00:00:00.000Z",  
    "count": "82"  
},  
.  
.  
.  
]  
],  
. .  
. .  
],  
"stations": [  

```

```

        ]
    }
}
```

# Recommendation

## Recommendation - Get 100 Similar Playlists

GET

```
https://api.chartmetric.com/api/playlist/:platform/:id/similarplaylists
```

- Example usage: [#examples-Recommendation-GetSimilarPlaylists-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/playlist/spotify/179228/similarplaylists
```

### Parameter

Field	Type	Description
id	Number	Chartmetric playlist ID
platform	String	Streaming platform type Allowed values: spotify, applemusic, deezer
storefront	optional String	Apple Music storefront. Required for Apple Music playlists Allowed values: us, ca, br, de, gb, ...
indie	optional Boolean	If the playlist was curated by major labels (Spotify only type)
limit	optional Number	The number of entries to be returned Default value: 10

### Success 200

Field	Type	Description
id	Number	Chartmetric playlist ID
owner_name	String	Curators name
user_id	String	Spotify user ID
name	String	Playlist name

Field	Type	Description
url	String	Playlist image URL
playlist_id	String	Spotify playlist ID (e.g. '2nmSvIDk33WaJCN5XzU7Wx')
followers	Number	Playlist follower count
num_track	Number	Total number of tracks included in this playlist
description	String	Playlist description
genre	String	dominant genre of this playlist
fdiff_week	Number	Difference in number of followers compared to previous week, indicating weekly follower growth

- Success-Response: [#success-examples-Recommendation-GetSimilarPlaylists-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "category_id": "",
      "description": "Check out brand new music from Casting Crowns, Tenth Avenue North + more! (Photo: MercyMe)",
      "fdiff_week": 153,
      "followers": 33916,
      "id": 4252,
      "last_updated": "2017-05-13T12:56:16.000Z",
      "name": "Top Christian",
      "new_sp_id": null,
      "num_track": 52,
      "owner_id": 115196,
      "owner_name": "Filtr US",
      "playlist_id": "47wlGiRM9CfigeJNhW8lJG",
      "sys_last_updated": "2017-05-14T10:40:52.985Z",
      "url": "https://u.scdn.co/images/pl/default/8d77f33d3d89518004067e38319c3cc41cd7ed44",
      "user_id": "myplay.com"
    },...
  ]
}
```

## Search

### Search - Chartmetric Search Engine

Search tracks, albums, artists, curators, playlists with one single query.

You can also search with URLs, for example:

<https://open.spotify.com/artist/7ENzCHnmJUr20nUjoZ0zZ1?si=KpNjtD0HTsiShOTM2ZuFdA>

<https://itunes.apple.com/us/artist/snarky-puppy/152987454>

[https://www.deezer.com/artist/471526?utm\\_source=deezer&utm\\_content=artist-471526&utm\\_term=816683587\\_1544480636&utm\\_medium=web](https://www.deezer.com/artist/471526?utm_source=deezer&utm_content=artist-471526&utm_term=816683587_1544480636&utm_medium=web)

GET

<https://api.chartmetric.com/api/search>

- Example usage: [#examples-Search-Search-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/search?q=Ariana&limit=10
```

## Parameter

Field	Type	Description
q	String	search query
limit	optional Number	The number of entries to be returned Default value: 10
offset	optional Number	The offset of entries to be returned Default value: 0
type	optional String	The type of search for the query Default value: all Allowed values: all, artists, tracks, playlists, curators, albums, stations, cities

## Success 200

Field	Type	Description
artists	Object[]	List of artists
id	Number	Chartmetric playlist/artist/curator ID
name	String	playlist/artist/curator name
image_url	String	playlist/artist/curator profile image url
isni	String	
code2	String	
hometown_city	String	
current_city	String	
sp_followers	Number	Number of Spotify Followers
sp_popularity	Number	Spotify Popularity
sp_monthly_listeners	Number	Number of Spotify Monthly Listeners
deezer_fans	Number	Number of Deezer Fans

Field	Type	Description
tags	String[]	List of genre tags
spotify_artist_ids	String[]	
itunes_artist_ids	Number[]	
deezer_artist_ids	String[]	
cm_artist_rank	Number	
amazon_artist_ids	String[]	
playlists	Object	List of playlists
spotify	Object[]	List of playlists
id	Number	
playlist_id	String	
name	String	
image_url	String	
followers	Number	
owner_name	String	
user_id	String	
owner_id	Number	
tags	Object[]	
id	Number	
name	String	
source	String	
type	String	
url	String	
created_at	String	
modified_at	String	
applemusic	Object[]	List of playlists
id	Number	
playlist_id	String	
name	String	
image_url	String	
owner_name	String	
storefronts	String	
deezer	Object[]	List of playlists
id	String	
name	String	
image_url	String	
owner_name	String	

Field	Type	Description
amazon	Object[]	List of playlists
id	String	
name	String	
image_url	String	
owner_name	String	
youtube	Object[]	List of playlists
id	String	
name	String	
image_url	String	
tracks	Object[]	List of tracks
id	String	
image_url	String	
isrc	String	
name	String	
description	String	
created_at	String	
modified_at	String	
need_to_drop	Number	
tags	String	
cm_track	Number	
cm_artist	Number[]	
artist_names	String[]	
code2s	String[]	
artist_images	String[]	
artist_covers	String[]	
spotify_track_ids	String[]	
spotify_album_ids	String[]	
spotify_duration_ms	Number	
itunes_track_ids	String[]	
itunes_album_ids	String[]	
storefronts	String[]	
deezer_track_ids	String[]	
deezer_album_ids	Number[]	
deezer_duration	Number	
amazon_track_ids	String[]	
amazon_album_ids	String[]	
album_ids	Number[]	
album_names	String[]	
album_upc	String[]	

Field	Type	Description
album_label	String[]	
release_dates	String[]	
curators	Object	List of curators
spotify	Object[]	List of curators
id	Number	
user_id	String	
name	String	
image_url	String	
submithub_id	String	
last_updated	String	
applemusic	Object[]	List of curators
id	Number	
user_id	Number	
name	String	
description	String	
image_url	String	
deezer	Object[]	List of curators
id	String	
user_id	String	
name	String	
image_url	String	
code2	String	
albums	Object[]	List of albums
id	Number	
name	String	
image_url	String	
label	String	
upc	String	
release_date	String	
sp_popularity	Number	
num_track	String	
stations	Object[]	List of stations
id	Number	
name	String	
genre	String	
market	String	

Field	Type	Description
image_url	String	
station_city	String	
station_state	String	
country	String	
broadcast_area	String	
slogan	String	
frequency	String	
haat	String	
class	String	
platform	String	
aqh	Number	
facebook_likes	Number	
instagram_followers	Number	
twitter_folowers	Number	
wikipedia_views	Number	
url	Object[]	
link	String	
type	Number	
labels	Array	List of labels
cities	Object[]	List of cities
id	Number	Chartmetric curator ID
score	Float	
name	String	curator name
name_ascii	String	
lat	Float	
lng	Float	
population	Number	
country	String	
code2	String	
iso3	String	
province	String	
formatted_address	String	
locality	String	
image_url	String	
created_at	String	
modified_at	String	
tzone	String	

- Success-Response: [#success-examples-Search-Search-1\_0\_0-0]

```

HTTP/1.1 200 OK
{
  "obj": {
    "artists": [
      {
        "id": 3963,
        "name": "Ariana Grande",
        "image_url": "https://i.scdn.co/image/b1dfbe843b0b9f54ab2e588f33e7637d2dab065a",
        "isni": "0000000059110272",
        "code2": "us",
        "hometown_city": null,
        "current_city": "Boca Raton",
        "sp_followers": 50866247,
        "sp_popularity": 94,
        "sp_monthly_listeners": 50383716,
        "deezer_fans": 1158,
        "tags": [
          "pop",
          "dance pop",
          "post-teen pop"
        ],
        "spotify_artist_ids": [
          "66CXWjxzNUsdJxJ2JdwvnR"
        ],
        "itunes_artist_ids": [
          412778295
        ],
        "deezer_artist_ids": [
          "12569872",
          "1562681",
          "5307093"
        ],
        "cm_artist_rank": 5,
        "amazon_artist_ids": [
          "B004IUAQ9S",
          "B005ZM01L6",
          "B00P1BPPB08"
        ]
      },
      .
      .
      .
    ],
    "playlists": {
      "spotify": [
        {
          "id": 223262,
          "playlist_id": "2UrZudVtKmKk9c2hqrj155",
          "name": "Ariana Grande - thank u, next",
          "image_url": "https://i.scdn.co/image/ab67706c0000da845aa8be17d798f8d155653306",
          "followers": 287978,
          "owner_name": "arianagrandeoficial",
          "user_id": "arianagrandeoficial",
          "owner_id": 59081,
          "tags": [
            {
              "id": 188,
              "name": "pop",
              "source": "spotify",
              "type": "genre",
              "url": null,
              "created_at": null,
              "modified_at": null
            },
            {
              "id": 408413,
              "name": "dance pop",
              "source": "musicbrainz",
              "type": "genre",
              "url": null,
              "created_at": "2019-11-11T23:31:28.054527",
              "modified_at": null
            }
          ]
        }
      ]
    }
  }
}

```

```

        },
    ],
},
.

.

],
"applemusic": [
{
    "id": 70919,
    "playlist_id": "pl.eb9e6dd018de43bb9ebd6ead44f5d590",
    "name": "Ariana Grande: Love Songs",
    "image_url": "https://is3-ssl.mzstatic.com/image/thumb/Features123/v4/c3/0e/25/c30e25ed-57a9-32dc-",
    "owner_name": "Apple Music Pop",
    "storefronts": "AU, BR, DE, HK, JP, PH, US"
},
.

.

.

],
"deezer": [
{
    "id": "1147053693",
    "name": "Ariana Grande Selection",
    "image_url": "https://api.deezer.com/playlist/1147053693/image",
    "owner_name": "Tigo El Salvador"
},
.

.

.

],
"amazon": [
{
    "id": "B07PHN43H7",
    "name": "Ariana Grande and More",
    "image_url": "https://m.media-amazon.com/images/I/91KyeAnkHL.jpg",
    "owner_name": "Amazon's Music Experts"
},
.

.

.

],
"youtube": []
},
"tracks": [
{
    "id": 19960273,
    "image_url": "https://api.deezer.com/album/65377912/image",
    "isrc": "AUUM71800523",
    "name": "Dance To This (feat. Ariana Grande)",
    "description": null,
    "created_at": null,
    "modified_at": "2020-07-03T05:46:13.804Z",
    "need_to_drop": null,
    "tags": "Pop,Music",
    "cm_track": 19960273,
    "cm_artist": [
        3880,
        3963
    ],
    "artist_names": [
        "Troye Sivan",
        "Ariana Grande"
    ],
    "code2s": [
        "AU",
        "US"
    ],
    "artist_images": [
        "https://i.scdn.co/image/34576d1eedb341cb3a6de11f0d42cf439ec6df30",
        "https://i.scdn.co/image/b1dfbe843b0b9f54ab2e588f33e7637d2dab065a"
    ],
    "artist_covers": [
        null
    ]
}
]

```

```
"https://i.scdn.co/image/4599ff6a6b96d54df41e97a484605f0e517ba278"
],
"spotify_track_ids": [
    "2Nj087HyT80fsgejd3PLYW",
    "60XdbOpJK1rAomwNyyVupx",
    "1lFJAdKNt2N4y9GZaeNoni",
    "7a2QApvBI834Q20fyrLnI4",
    "1NbGcdgwRHZ5rbPIT9hdR3",
    "17JYzDCW1UTndfURuTydF2"
],
"spotify_album_ids": [
    "3MYJYd73u0SatCnRVvRJ3M",
    "38dojqeMK9wDJxJ204SYja",
    "0gYKVtL4BkTMTpYYYYA04Ri",
    "0FlemX9F3fv3ZSB47Glrq8",
    "43UPJEBgAwfuGufr9RsCJV",
    "10yADPvYTlmT5hV0mtxLAY"
],
"spotify_duration_ms": 232253,
"itunes_track_ids": [
    "1396292380",
    "1396296088"
],
"itunes_album_ids": [
    "1396292262",
    "1396295532"
],
"storefronts": [
    "US",
    "ZA"
],
"deezer_track_ids": [
    "510438712",
    "546233532"
],
"deezer_album_ids": [
    65377912,
    71592302
],
"deezer_duration": 231,
"amazon_track_ids": null,
"amazon_album_ids": null,
"album_ids": [
    2634879,
    2783338,
    3035029,
    3175945,
    3506709,
    5142084,
    5142088,
    5143131
],
"album_names": [
    "Dance To This (feat. Ariana Grande)",
    "Bloom",
    "Dance To This",
    "Bloom",
    "Bloom",
    "Pool Party Hits 2019",
    "Hits For Kids 2019",
    "Hits 7 Summer"
],
"album_upc": [
    "602567749356",
    "602567749387",
    "602567721628",
    "602567721581",
    "602577451034",
    "600753866344",
    "600753857649",
    "193483861456"
],
"album_label": [
    "EMI Recorded Music Australia Pty Ltd",

```

```

    "EMI Recorded Music Australia Pty Ltd",
    "Universal Music Australia Pty. Ltd.",
    "Universal Music A/S",
    "VIDISCO"
],
"release_dates": [
    "2018-06-13T07:00:00.000Z",
    "2018-08-31T07:00:00.000Z",
    "2018-06-13T07:00:00.000Z",
    "2018-08-31T07:00:00.000Z",
    "2018-08-31T07:00:00.000Z",
    "2019-01-25T08:00:00.000Z",
    "2018-11-23T08:00:00.000Z",
    "2019-05-24T07:00:00.000Z"
]
},
.
.
.
],
"curators": {
    "spotify": [
        {
            "id": 59081,
            "user_id": "arianagrandeofficial",
            "name": "arianagrandeofficial",
            "image_url": null,
            "submithub_id": null,
            "last_updated": "2020-10-02T07:00:00.000Z"
        },
        .
        .
        .
    ],
    "applemusic": [],
    "deezer": []
},
"albums": [
    {
        "id": 6070089,
        "name": "Rain On Me (with Ariana Grande)",
        "image_url": "https://i.scdn.co/image/ab67616d0000b273440a69af32abc235a821a73c",
        "label": "Interscope Records",
        "upc": "602507178116",
        "release_date": "2020-05-22T07:00:00.000Z",
        "sp_popularity": 89,
        "num_track": "1"
    },
    .
    .
    .
],
"stations": [],
"labels": [],
"cities": [
    {
        "id": 16166,
        "score": 97687,
        "name": "Ariana",
        "name_ascii": "Ariana",
        "lat": 36.8667,
        "lng": 10.2,
        "population": 97687,
        "country": "Tunisia",
        "code2": "TN",
        "iso3": "TUN",
        "province": null,
        "formatted_address": "10 Résidence Ezzahr Tunisia",
        "locality": null,
        "image_url": null,
        "created_at": "2020-01-28T09:21:14.416Z",
        "updated_at": "2020-01-28T09:21:14.416Z"
    }
]
}

```

```

        "modified_at": "2020-09-23T06:16:26.514Z",
        "tzzone": "Africa/Tunis"
    }
}
}
```

## Search - Get City Info

Get chartmetric city info like city ids, city name, etc. for a country code.

GET

```
https://api.chartmetric.com/api/cities
```

- Example usage: [#examples-Search-SearchCity-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/cities?country_code=US
```

### Parameter

Field	Type	Description
country_code	String	2-letter Country code is required.

### Success 200

Field	Type	Description
obj	Object[]	
city_id	Number	Chartmetric city ID
city_name	String	City Name
latitude	Float	City latitude coordinate
longitude	Float	City longitude coordinate
population	String	City population
province	String	City province
locality	String	City locality
country	String	Country name
image_url	String	City image url
iso3	String	Country ISO-3 code

- Success-Response: [#success-examples-Search-SearchCity-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "city_id": 11778,
      "city_name": "Culpeper",
      "latitude": 38.4705,
      "longitude": -78.0001,
      "population": 19986,
      "province": null,
      "locality": "Culpeper",
      "country": "United States",
      "image_url": null,
      "iso3": "USA"
    },
    {
      "city_id": 11779,
      "city_name": "Miamisburg",
      "latitude": 39.6323,
      "longitude": -84.2725,
      "population": 19985,
      "province": null,
      "locality": "Miamisburg",
      "country": "United States",
      "image_url": null,
      "iso3": "USA"
    },
    .
    .
    .
    ]
  }
}
```

## Search - Get Genre Ids

Get chartmetric genre ids.

GET

```
https://api.chartmetric.com/api/genres
```

- Example usage: [#examples-Search-Genres-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/genres?name=country
```

### Parameter

Field	Type	Description
name	String	genre name

### Success 200

Field	Type	Description
id	Number	Chartmetric genre ID
name	String	genre name

Field	Type	Description
type	String	Either 'parent-genre' or 'child-genre'

- Success-Response: [#success-examples-Search-Genres-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      id: 405021,
      name: 'country',
      type: 'genre-parent'
    },
    {
      id: 188983,
      name: 'vintage country folk',
      type: 'child-genre'
    },
    .
    .
    .
  ]
}
```

# Track

## Track - Charts

This API returns the charts for this track. For example, you can retrieve chart records from Spotify Charts, iTunes Charts, Apple Music Charts, Shazam Charts or Beatport Charts.

GET

```
https://api.chartmetric.com/api/track/:id/:type/charts
```

- Example usage: [#examples-Track-getTrackCharts-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/track/22290726/spotify_top_daily/charts?s
```

## Parameter

Field	Type	Description
type	String	Allowed values: spotify_viral_daily, spotify_viral_weekly, spotify_top_daily, spotify_top_weekly, applemusic_top, applemusic_daily, applemusic_albums, itunes_top, itunes_albums, shazam, beatport, amazon
id	Number	Track Chartmetric ID
since	Date	Start date in ISO date format (e.g. "2020-03-01"). This parameter is required and should be within 365 days from current date.

Field	Type	Description
until	optional Date	<p>End date in ISO date format (e.g. "2020-09-01"). This should not exceed more than 365 days from <code>since</code> date.</p> <p>Default value: <code>today</code></p>

**Success 200**

Field	Type	Description
rank	Number	Chart Position
added_at	String	Date of Data Recorded
code2	String	Charting Country Code
pre_rank	Number	Latest Previous Chart Position
peak_rank	Number	Best Chart Position
peak_date	Date	Date of Best Chart Position

- Success-Response [#success-examples-Track-getTrackCharts-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": {
    "data": [
      {
        "id": 10341048,
        "spotify_id": 10341048,
        "rank": 104,
        "added_at": "2020-03-04T08:00:00.000Z",
        "code2": "GLOBAL",
        "plays": 1084704,
        "duration": "daily",
        "chart_type": "regional",
        "gnp": null,
        "pre_rank": 105,
        "peak_rank": 1,
        "peak_date": "2019-02-08T08:00:00.000Z",
        "peak_plays": 10445538,
        "total_plays": 1033605669,
        "name": "7 rings",
        "isrc": "USUM71900110",
        "spotify_album_id": "2fYhqwDWXjbpjaIJPEfKFw",
        "image_url": "https://i.scdn.co/image/38205ab1bcd4b37b68b3ace40989afb6c2c1faa9",
        "spotify_popularity": 86,
        "cm_track": 22290726,
        "spotify_artist_names": [
          "Ariana Grande"
        ],
        "track_genre": "dance pop,pop,post-teen pop",
        "cm_artist": [
          3963
        ],
        "artist_names": [
          "Ariana Grande"
        ],
      }
    ]
  }
}
```

```

    "code2s": [
        "US"
    ],
    "artist_images": [
        "https://i.scdn.co/image/b1dfbe843b0b9f54ab2e588f33e7637d2dab065a"
    ],
    "artist_covers": [
        "https://i.scdn.co/image/4599ff6a6b96d54df41e97a484605f0e517ba278"
    ],
    "spotify_artist_ids": [
        "66CXWjxzNUsdJxJ2JdwvnR"
    ],
    "spotify_track_ids": [
        "6ocbgoVGwYJh0v1GgI9NsF"
    ],
    "spotify_album_ids": [
        "2fYhqwDWXjbpjaIJPEfKFw"
    ],
    "spotify_duration_ms": 178626,
    "album_ids": [
        3532913
    ],
    "album_names": [
        "thank u, next"
    ],
    "album_upc": [
        "602577490385"
    ],
    "album_label": [
        "Republic Records"
    ],
    "release_dates": [
        "2019-02-08T08:00:00.000Z"
    ]
},
...
],
"length": 33
}
}

```

## Track - Get Track IDs

Get all Track IDs using a specific id type.

IDs from each domain are returned as arrays. Please note that there was a change made to the response object on 2020-03-13.

GET

<https://api.chartmetric.com/api/track/:type/:id/get-ids>

- Example usage: [#examples-Track-getTrackIDs-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/track/chartmetric/15711334/get-ids
```

### Parameter

Field	Type	Description
type	String	Use chartmetric for cm_track ID Allowed values: 'chartmetric', 'isrc', 'amazon', 'beatport', 'deezer', 'genius', 'itunes', 'shazam', 'spotify', 'soundcloud', 'tiktok', 'qq', 'youtube'

Field	Type	Description
id	Number	Specific Type ID

- Success-Response [#success-examples-Track-getTrackIDs-1\_0\_0-0]

HTTP/1.1 200 OK

```
{
  "obj": [
    {
      "chartmetric_ids": [
        15711334
      ],
      "spotify_ids": [
        "7sQJDTH7VfwERzHbUao0TB",
        "7zVCrzzEJU7u24sbJPXA5W"
      ],
      "itunes_ids": [
        "1166242927",
        "1277175598"
      ],
      "deezer_ids": [
        "137202230",
        "412056522"
      ],
      "amazon_ids": [
        "B084SNHQVJ",
        "B01MEGBR4X",
        "B07663W3KS",
        "B0757YWVXVH"
      ],
      "youtube_ids": [
        "fM8V1XOI-14",
        "P2vTBKuuVeM",
        "p8alm5LCYns"
      ],
      "soundcloud_ids": [
        "294289096"
      ],
      "shazam_ids": [
        "333369073"
      ],
      "tiktok_ids": null,
      "beatport_ids": null,
      "qq_ids": null,
      "genius_ids": [
        2923973
      ]
    }
  ]
}
```

## Track - Metadata

Get track's metadata given Chartmetric ID.  
This data will be cached daily.

GET

<https://api.chartmetric.com/api/track/:id>

- Example usage: [#examples-Track-GetTrackMetadata-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/track/15678739
```

**Parameter**

Field	Type	Description
id	Number	Chartmetric track ID

**Success 200**

Field	Type	Description
id	Number	Chartmetric track ID
name	String	Track name
isrc	String	ISRC code
image_url	String	image url
artists	Array	Artists of track
duration_ms	String	duration of track
composer_name	String	Track composer name
trags	String	Comma separated list of genres for the track
cm_audio_features	Object	Album name
cm_statistics	object	Stat of track
num_sp_playlists	object	Number of spotify playlists featuring this track
num_am_playlists	object	Number of apple music playlists featuring this track
num_de_playlists	object	Number of deezer playlists featuring this track
num_az_playlists	object	Number of amazon playlists featuring this track
num_yt_playlists	object	Number of youtube playlists featuring this track
num_sp_editorial_playlists	object	Number of editorial spotify playlists featuring this track
num_am_editorial_playlists	object	Number of editorial apple music playlists featuring this track

Field	Type	Description
num_de_editorial_playlists	object	Number of editorial deezer playlists featuring this track
num_az_editorial_playlists	object	Number of editorial amazon playlists featuring this track
num_yt_editorial_playlists	object	Number of editorial youtube playlists featuring this track
sp_playlist_total_reach	object	Sum of followers from all spotify playlists, indicating total playlists reach
de_playlist_total_reach	object	Sum of fans from all deezer playlists, indicating total playlists reach
yt_playlist_total_reach	object	Sum of views from all youtube playlists, indicating total playlists reach
albums	Array	Albums
release_date	String	Release date
lastfm	Object	Playlist weekly difference

- Success-Response: [#success-examples-Track-GetTrackMetadata-1\_0\_0-0]

```
HTTP/1.1 200 OK
"obj": {
  "id": 15678739,
  "name": "Angels",
  "isrc": "USRC11700153",
  "image_url": "https://i.scdn.co/image/5026fddc6c0b69e931ae99130f15d4214f1e7d41",
  "artists": [
    {
      "id": 209693,
      "name": "Khalid",
      "mbid": null,
      "image_url": "https://i.scdn.co/image/7cfdef227dc3e938154c367a279ef995be2b5344",
      "cover_url": "https://i.scdn.co/image/0843b4e57cdb2c90e078c3492bdf93f18870675b",
      "code2": "US",
      "gender": null,
      "isni": null,
      "description": null,
      "created_at": "2016-11-26",
      "hometown_city": 6985,
      "current_city": null
    }
  ],
  "duration_ms": 170680,
  "composer_name": "N/A",
  "tags": "R&B/Soul,Music",
  "cm_audio_features": {
    "danceability": 0.472,
    "energy": 0.265,
    "speechiness": 0.0356,
    "acousticness": 0.959,
    "instrumentalness": 0.000499,
    "liveness": 0.1,
    "valence": 0.219,
    "tempo": 111.558,
    "loudness": -10.059
  },
  "cm_statistics": {
    "popularity": 100,
    "energy_mean": 0.265,
    "valence_mean": 0.219,
    "tempo_mean": 111.558,
    "loudness_mean": -10.059,
    "acousticness_mean": 0.959,
    "instrumentalness_mean": 0.000499,
    "liveness_mean": 0.1,
    "speechiness_mean": 0.0356
  }
}
```

```
"sp_popularity": 72,
"sp_playlist_total_reach": "1686678",
"num_sp_playlists": "92",
"num_am_playlists": "0",
"de_playlist_total_reach": "324640",
"num_de_playlists": "4"
},
"albums": [
{
    "name": "American Teen",
    "upc": "886446309347",
    "release_date": "2017-04-26T15:00:00.000Z",
    "service": "spotify",
    "label": "Right Hand Music Group, LLC/RCA Records",
    "popularity": 85,
    "image_url": "https://i.scdn.co/image/5026fddc6c0b69e931ae99130f15d4214f1e7d41",
    "cm_album": 1086311
}
],
"release_date": "2017-04-26T15:00:00.000Z",
"lastfm": {
    "name": "Angels",
    "url": "https://www.last.fm/music/Khalid/_/Angels",
    "duration": "170000",
    "streamable": {
        "#text": "0",
        "fulltrack": "0"
    },
    "listeners": "23695",
    "playcount": "98187",
    "artist": {
        "name": "Khalid",
        "mbid": "c6fb05d-f570-46c8-98e1-e25441189770",
        "url": "https://www.last.fm/music/Khalid"
    },
    "album": {
        "artist": "Khalid",
        "title": "American Teen",
        "url": "https://www.last.fm/music/Khalid/American+Teen",
        "image": [
            {
                "#text": "https://lastfm-img2.akamaized.net/i/u/34s/625d8735f4f0bf1cbf3c779fd4746bdc.png",
                "size": "small"
            },
            {
                "#text": "https://lastfm-img2.akamaized.net/i/u/64s/625d8735f4f0bf1cbf3c779fd4746bdc.png",
                "size": "medium"
            },
            {
                "#text": "https://lastfm-img2.akamaized.net/i/u/174s/625d8735f4f0bf1cbf3c779fd4746bdc.png",
                "size": "large"
            },
            {
                "#text": "https://lastfm-img2.akamaized.net/i/u/300x300/625d8735f4f0bf1cbf3c779fd4746bdc.png",
                "size": "extralarge"
            }
        ]
    },
    "toptags": {
        "tag": [
            {
                "name": "pop",
                "url": "https://www.last.fm/tag/pop"
            },
            {
                "name": "chill",
                "url": "https://www.last.fm/tag/chill"
            },
            {
                "name": "soul",
                "url": "https://www.last.fm/tag/soul"
            },
            {
                "name": "alternative",
            }
        ]
    }
}
```

```

        "url": "https://www.last.fm/tag/alternative"
    },
    {
        "name": "angel",
        "url": "https://www.last.fm/tag/angel"
    }
]
}
}
}

```

## Track - Playlist Snapshot

GET

<https://api.chartmetric.com/api/track/:id/:platform/playlists/snapshot>

- Example usage: [#examples-Track-GetTrackPlaylistsSnapshot-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/track/20614006 spotify/playlists/snapshot
```

### Parameter

Field	Type	Description
id	Number	Chartmetric track ID
platform	String	Streaming platform type Allowed values: spotify, applemusic, deezer, amazon, youtube
storefront	optional String	Apple Music storefront. Required for Apple Music playlists Allowed values: us, ca, br, de, gb, ...
date	String	Datetime
limit	optional Number	The number of entries to be returned Default value: 10
offset	optional Number	starting point Default value: 0

- Success-Response: [#success-examples-Track-GetTrackPlaylistsSnapshot-1\_0\_0-0]

```

HTTP/1.1 200 OK
{
  "obj": [
    {
      "playlist_id": 19124,
      "track_id": 9874724,
      "added_at": "2018-09-27T06:13:20.000Z",
      "removed_at": null,
      "playlist": {
        "id": 19124,
        "name": "angel",
        "url": "https://www.last.fm/tag/angel"
      }
    }
  ]
}

```

```

"name": "PARTY HITS 2019 | The best summer hits and party 2019| SUMMER 2019",
"playlist_id": "1RWt1ufrpDFUcKM6AFHujN",
"description": "<a href=\"https://open.spotify.com/user/diestro/playlist/1ZW5vlt5bfZYulc1xNsFez\">LATIN H",
"image_url": "https://pl.scdn.co/images/pl/default/b245764eac39a0f626757c967ffdb6787c38f89c",
"sys_last_updated": "2019-02-27T17:17:58.436Z",
"last_updated": "2019-02-27T17:17:58.413Z",
"personalized": false,
"code2": null,
"owner_name": "Cristian García",
"owner_id": 74339,
"user_id": "diestro",
"official": false,
"tags": [
  {
    "id": 188,
    "name": "pop",
    "source": "spotify",
    "type": "genre",
    "url": null
  },
  {
    "id": 727,
    "name": "edm",
    "source": "spotify",
    "type": "genre",
    "url": null
  },
  {
    "id": 8893,
    "name": "dance pop",
    "source": "spotify",
    "type": "genre",
    "url": null
  }
],
"followers": 35963,
"num_track": 92,
"monthly_listeners": 159,
"fdiff_week": 66,
"fdiff_month": 213,
"catalog": "frontline",
"active_ratio": 0.206521739130435
},
"track": {
  "id": 9874724,
  "name": "Taki Taki (with Selena Gomez, Ozuna & Cardi B)",
  "isrc": "USUG11801723",
  "spotify_album_id": "0ZHyvPke0EcVt6rYA8Ins3",
  "image_url": "https://i.scdn.co/image/cca02c139eb4270d5e396086329c97c782c7b478",
  "spotify_popularity": 95,
  "cm_track": 20614006,
  "spotify_artist_names": [
    "DJ Snake",
    "Selena Gomez",
    "Ozuna",
    "Cardi B"
  ],
  "track_genre": "dance pop,pop,post-teen pop,dance pop|edm|electronic trap|pop|tropical house,reggaeton,tr",
  "cm_artist": [
    4310,
    3168,
    113381,
    200408
  ],
  "artist_names": [
    "DJ Snake",
    "Selena Gomez",
    "Ozuna",
    "Cardi B"
  ],
  "code2s": [
    "FR",
    "US",
    "PR",
    "ES"
  ]
}

```

```

        "US"
    ],
    "artist_images": [
        "https://i.scdn.co/image/39aa61e6f041aba5bdecb4d6ec74f771021e2727",
        "https://i.scdn.co/image/19306408650f31ea619bde16bf09fd4b68480909",
        "https://i.scdn.co/image/490e6f87a88682ba890bfaedee0dd0f512fe5c1e",
        "https://i.scdn.co/image/264e844105a9b9da0c3bc8b49eb40e3d61a49089"
    ],
    "artist_covers": [
        null,
        null,
        null,
        null
    ],
    "spotify_artist_ids": [
        "540vIaP2JwjQb9dm3aArA4",
        "0C8ZW7ezQVs4URX5aX7Kqx",
        "1i8SpTcr7yvP0mcqrnbVXY",
        "4kYSro6naA4h99UJvo89HB"
    ],
    "spotify_track_ids": [
        "4w8niZpiMy6qzlmntFA5uM"
    ],
    "spotify_album_ids": [
        "0ZHvPke0EcVt6rYA8Ins3"
    ],
    "spotify_duration_ms": 212500,
    "album_ids": [
        2812303
    ],
    "album_names": [
        "Taki Taki (with Selena Gomez, Ozuna & Cardi B)"
    ],
    "album_upc": [
        "602577004803"
    ],
    "album_label": [
        "DJ Snake Music Productions Limited, under exclusive license to Geffen Records"
    ],
    "release_dates": [
        "2018-09-27T16:00:00.000Z"
    ]
}
},
...
]
}
}

```

## Track - Playlists

GET

```
https://api.chartmetric.com/api/track/:id/:platform/:status/playlists
```

- Example usage: [#examples-Track-GetCurrentPlaylistsByTracks-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/track/15711334 spotify/current/playlists
```

### Parameter

Field	Type	Description
id	Number	Chartmetric track ID

Field	Type	Description
platform	String	<p>Streaming platform type</p> <p>Allowed values: spotify, applemusic, deezer, amazon</p>
status	String	<p>Playlist status</p> <p>Allowed values: current, past</p>
since	optional String	begining of the added/removed date, in ISO date format (e.g. "2017-03-25")
until	optional String	<p>end of the added/removed date, in ISO date format (e.g. "2017-03-25")</p> <p>Default value: today</p>
indie	optional Boolean	If the playlist was curated by major labels (Spotify only type)
limit	optional Number	<p>The number of entries to be returned (max 100)</p> <p>Default value: 10</p>
offset	optional Number	<p>The offset of entries to be returned</p> <p>Default value: 0</p>

## Success 200

Field	Type	Description
id	Number	Chartmetric playlist ID
playlist_id	String	Spotify playlist ID
name	String	Playlist name
owner_name	String	Playlist owner (user) name
owner_id	String	Chartmetric curator ID
user_id	String	Playlist owner (user) ID
category_id	String	Category name (not used)
track_name	String	Track name
album_name	String	Album name

Field	Type	Description
tags	String	Tags
position	String	Position in the playlist
added_at	String	Added date. If status is current then response is sorted by this date.
removed_at	String	Removed date. If status is past then response is sorted by this date.
fdiff_week	String	Difference in number of followers compared to previous week, indicating weekly follower growth

- Success-Response: [#success-examples-Track-GetCurrentPlaylistsByTracks-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "id": 630661,
      "playlist_id": "5XyBewhS0TGONi2dqJ1Ehr",
      "name": "Suicide Squad",
      "owner_name": "Romain Ace Chantraine",
      "owner_id": 156710,
      "user_id": "mr_white54",
      "category_id": "",
      "url": "https://u.scdn.co/images/pl/default/6bb99e1e8e12a6375c8c0a8a07c57764c7413ef3",
      "followers": 2829,
      "num_track": 269,
      "track_name": "You & I",
      "album_name": "You & I",
      "tags": "electronic",
      "position": 265,
      "added_at": "2017-03-19T15:00:00.000Z",
      "fdiff_week": 11
    },
    {
      "id": 8300,
      "playlist_id": "2gGyB0leW1RMuiI4Sfhrkf",
      "name": "Refresh",
      "owner_name": "Spotify France",
      "owner_id": 132976,
      "user_id": "spotify_france",
      "category_id": "",
      "url": "https://u.scdn.co/images/pl/default/1d340dd6da921d3e0b109309f03d3f41651b72a8",
      "followers": 157887,
      "num_track": 35,
      "track_name": "You & I",
      "album_name": "You & I",
      "tags": "pop",
      "position": 2,
      "added_at": "2017-03-16T15:00:00.000Z",
      "fdiff_week": 702
    },
    ...
  ]
}
```

## Track - Stats

GET

<https://api.chartmetric.com/api/track/:id/:platform/stats>

- Example usage (Spotify): [#examples-Track-GetCurrentPopularityByTracks-1\_0\_0-0]
- Example usage (Tiktok): [#examples-Track-GetCurrentPopularityByTracks-1\_0\_0-1]
- Example usage (Spotify w/ isDomainId): [#examples-Track-GetCurrentPopularityByTracks-1\_0\_0-2]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/track/22608067/spotify/stats?since=2019-0
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/track/14424995/tiktok/stats?since=2019-10
```

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/track/5hTpBe8h35rJ67eAWHsJx/spotify/stat
```

## Parameter

Field	Type	Description
id	Number	Chartmetric track ID
platform	String	Streaming platform type Allowed values: spotify, youtube, shazam, tiktok, genius
since	optional String	beginning date in ISO date format (e.g. "2017-03-25")
until	optional String	end date, in ISO date format (e.g. "2017-03-25") Default value: today
latest	optional Boolean	If set to true, returns latest data point available regardless of date
interpolated	optional Boolean	Default is true, returns interpolated data for missing dates

## Success 200

Field	Type	Description
value	Number	Statistic from given service (popularity for Spotify, views for Youtube, count for Shazam)
timestp	Date	The time this statistic was achieved
daily_diff	Number	This field is called "diff" if interpolated is set to false. The difference between current and previous statistic (not applicable for Spotify)
interpolated	Boolean	false by default. If true, this value did not come directly from the service, but is rather an interpolated value to create a smooth curve (not applicable for Spotify)

Field	Type	Description
isDomainId	Boolean	false by default. If true, the id passed in the request parameter will be considered the domain ID.

- Success-Response (Spotify): [#success-examples-Track-GetCurrentPopularityByTracks-1\_0\_0-0]
- Success-Response (Tiktok): [#success-examples-Track-GetCurrentPopularityByTracks-1\_0\_0-1]
- Success-Response (Spotify w/ isDomainId): [#success-examples-Track-GetCurrentPopularityByTracks-1\_0\_0-2]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "value": 95,
      "timestp": "2019-06-01T07:00:00.000Z"
    },
    {
      "value": 95,
      "timestp": "2019-06-04T07:00:00.000Z"
    }
  ]
}
```

```
{
  "obj": [
    {
      "value": 233151588,
      "timestp": "Wed Oct 09 2019",
      "daily_diff": 0,
      "interpolated": false
    },
    {
      "value": 233228451,
      "timestp": "Thu Oct 10 2019",
      "daily_diff": 76863,
      "interpolated": false
    },
    ...
  ]
}
```

```
{
  "obj": [
    {
      "value": 78,
      "timestp": "2020-01-03T08:00:00.000Z"
    },
    {
      "value": 77,
      "timestp": "2020-01-06T08:00:00.000Z"
    },
    {
      "value": 77,
      "timestp": "2020-01-09T08:00:00.000Z"
    }
  ]
}
```

## Track - Tunefind

GET

<https://api.chartmetric.com/api/track/:id/tunefind>

- Example usage: [#examples-Track-GetTrackTunefind-1\_0\_0-0]

```
curl -H 'Authorization: Bearer [ACCESS KEY]' https://api.chartmetric.com/api/track/15678739/tunefind
```

## Parameter

Field	Type	Description
id	Number	Chartmetric track ID

- Success-Response: [#success-examples-Track-GetTrackTunefind-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "obj": [
    {
      "id": 15678739,
      "show_id": "greys-anatomy",
      "trackname": "Angels",
      "showname": "Grey's Anatomy",
      "showtype": "TV Show",
      "count": 1,
      "max_date": "2017-04-26T16:00:00.000Z",
      "show_details": [
        {
          "showtype": "TV Show",
          "showname": "Grey's Anatomy",
          "air_date": "2017-04-26T16:00:00.000Z"
        }
      ],
      "name": "Angels",
      "image_url": "https://i.scdn.co/image/5026fddc6c0b69e931ae99130f15d4214f1e7d41",
      "isrc": "USRC11700153",
      "spotify_popularity": 71,
      "description": null,
      "tags": "R&B/Soul,Music",
      "cm_track": 15678739,
      "cm_artist": [
        209693
      ],
      "artist_names": [
        "Khalid"
      ],
      "code2s": [
        "US"
      ],
      "artist_images": [
        null
      ],
      "artist_covers": [
        null
      ],
      "spotify_track_ids": [
        "67kXYrMTQbS7MVbXyGyxHm"
      ],
      "spotify_album_ids": [
        "6kf46HbnYCZzP6rjvQHYzg"
      ],
      "spotify_duration_ms": 170680,
      "itunes_track_ids": [
        "1200868892",
        "1201885919"
      ],
      "itunes_album_ids": [
        "1200868601",
        "1201885736"
      ],
      "storefronts": [
        "US",
        "AU"
      ]
    }
  ]
}
```

```
        ],
        "deezer_track_ids": [
            "143172438"
        ],
        "deezer_album_ids": [
            15498596
        ],
        "deezer_duration": 170,
        "album_ids": [
            1086311
        ],
        "album_names": [
            "American Teen"
        ],
        "album_upc": [
            "886446309347"
        ],
        "album_label": [
            "Right Hand Music Group, LLC/RCA Records"
        ],
        "release_dates": [
            "2017-04-26T16:00:00.000Z"
        ]
    },
    {
        "id": 15678739,
        "show_id": "so-you-think-you-can-dance",
        "trackname": "Angels",
        "showname": "So You Think You Can Dance",
        "showtype": "TV Show",
        "count": 1,
        "max_date": "2018-06-10T16:00:00.000Z",
        "show_details": [
            {
                "showtype": "TV Show",
                "showname": "So You Think You Can Dance",
                "air_date": "2018-06-10T16:00:00.000Z"
            }
        ],
        "name": "Angels",
        "image_url": "https://i.scdn.co/image/5026fddc6c0b69e931ae99130f15d4214f1e7d41",
        "isrc": "USRC11700153",
        "spotify_popularity": 71,
        "description": null,
        "tags": "R&B/Soul,Music",
        "cm_track": 15678739,
        "cm_artist": [
            209693
        ],
        "artist_names": [
            "Khalid"
        ],
        "code2s": [
            "US"
        ],
        "artist_images": [
            null
        ],
        "artist_covers": [
            null
        ],
        "spotify_track_ids": [
            "67kXYrMTQbS7MVbXyGyxHm"
        ],
        "spotify_album_ids": [
            "6kf46HbnYCzzP6rjvQHYzg"
        ],
        "spotify_duration_ms": 170680,
        "itunes_track_ids": [
            "1200868892",
            "1201885919"
        ],
        "itunes_album_ids": [
            "1200868601",
            "1200868602"
        ]
    }
]
```

```
        "1201885736"
    ],
    "storefronts": [
        "US",
        "AU"
    ],
    "deezer_track_ids": [
        "143172438"
    ],
    "deezer_album_ids": [
        15498596
    ],
    "deezer_duration": 170,
    "album_ids": [
        1086311
    ],
    "album_names": [
        "American Teen"
    ],
    "album_upc": [
        "886446309347"
    ],
    "album_label": [
        "Right Hand Music Group, LLC/RCA Records"
    ],
    "release_dates": [
        "2017-04-26T16:00:00.000Z"
    ]
},
...
]
```

---

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