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Introduction

The CoinMarketCap API is a suite of high-performance RESTful JSON endpoints that are specifically designed to meet the mission-critical demands of application developers, data scientists, and enterprise business platforms.

This API reference includes all technical documentation developers need to integrate third-party applications and platforms. Additional answers to common questions can be found in the CoinMarketCap API FAQ.

Quick Start Guide

For developers eager to hit the ground running with the CoinMarketCap API here are a few quick steps to make your first call with the API.

1. **Sign up for a free Developer Portal account.** You can sign up at pro.coinmarketcap.com - This is our live production environment with the latest market data. Select the free `Basic` plan if it meets your needs or upgrade to a paid tier.
2. **Copy your API Key.** Once you sign up you'll land on your Developer Portal account dashboard. Copy your API from the `API Key` box in the top left panel.
3. **Make a test call using your key.** You may use the code examples provided below to make a test call with your programming language of choice. This example fetches all active cryptocurrencies by market cap and return market values in USD.
   Be sure to replace the API Key in sample code with your own and use API domain `pro-api.coinmarketcap.com` or use the test API Key `b54bcf4d-1bca-4e8e-9a24-22ff2c3d462c` for `sandbox-api.coinmarketcap.com` testing with our sandbox.coinmarketcap.com environment. Please note that our sandbox api has mock data and should not be used in your application.
4. **Implement your application.** Now that you've confirmed your API Key is working, get familiar with the API by reading the rest of this API Reference and commence building your application!

Note: *Making HTTP requests on the client side with Javascript is currently prohibited through CORS configuration. This is to protect your API Key which should not be visible to users of your application so your API Key is not stolen. Secure your API Key by routing calls through your own backend service.*

▼ **View Quick Start Code Examples**

   ▼ cURL command line

```
curl -H "X-CMC_PRO_API_KEY: b54bcf4d-1bca-4e8e-9a24-22ff2c3d462c" -H "Accept: application/json" -d "start=1&limit=50
```

   ▶ Node.js

   ▶ Python

   ▶ PHP

   ▶ Java

Acquiring an API Key

All HTTP requests made against the CoinMarketCap API must be validated with an API Key. If you don't have an API Key yet visit the API Developer Portal to register for one.

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1. Preferred method: Via a custom header named `X-CMC_PRO_API_KEY`
2. Convenience method: Via a query string parameter named `CMC_PRO_API_KEY`

Security Warning: It's important to secure your API Key against public access. The custom header option is strongly recommended over the querystring option for passing your API Key in a production environment.

API Key Usage Credits

Most API plans include a daily and monthly limit or "hard cap" to the number of data calls that can be made. This usage is tracked as API "call credits" which are incremented 1:1 against successful (HTTP Status 200) data calls made with your key with these exceptions:

- Account management endpoints, usage stats endpoints, and error responses are not included in this limit.
- **Paginated endpoints:** List-based endpoints track an additional call credit for every 100 data points returned (rounded up) beyond our 100 data point defaults. Our lightweight `/map` endpoints are not included in this limit and always count as 1 credit. See individual endpoint documentation for more details.
- **Bundled API calls:** Many endpoints support resource and currency conversion bundling. Bundled resources are also tracked as 1 call credit for every 100 resources returned (rounded up). Optional currency conversion bundling using the `convert` parameter also increment an additional API call credit for every conversion requested beyond the first.

You can log in to the Developer Portal to view live stats on your API Key usage and limits including the number of credits used for each call. You can also find call credit usage in the JSON response for each API call. See the `status` object for details. You may also use the /key/info endpoint to quickly review your usage and when daily/monthly credits reset directly from the API.

Note: "day" and "month" credit usage periods are defined relative to your API subscription. For example, if your monthly subscription started on the 5th at 5:30am, this billing anchor is also when your monthly credits refresh each month. The free Basic tier resets each day at UTC midnight and each calendar month at UTC midnight.

Endpoint Overview

The CoinMarketCap API is divided into 8 top-level categories

Endpoint Category	Description
/cryptocurrency/*	Endpoints that return data around cryptocurrencies such as ordered cryptocurrency lists or price and volume data.
/exchange/*	Endpoints that return data around cryptocurrency exchanges such as ordered exchange lists and market pair data.
/global-metrics/*	Endpoints that return aggregate market data such as global market cap and BTC dominance.
/tools/*	Useful utilities such as cryptocurrency and fiat price conversions.
/blockchain/*	Endpoints that return block explorer related data for blockchains.
/fiat/*	Endpoints that return data around fiats currencies including mapping to CMC IDs.
/partners/*	Endpoints for convenient access to 3rd party crypto data.
/key/*	API key administration endpoints to review and manage your usage.

Endpoint paths follow a pattern matching the type of data provided

Endpoint Path	Endpoint Type	Description
*/latest	Latest Market Data	Latest market ticker quotes and averages for cryptocurrencies and exchanges.
*/historical	Historical Market Data	Intervals of historic market data like OHLCV data or data for use in charting libraries.

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- **Listing endpoints:** Flexible paginated `*/listings/*` endpoints allow you to sort and filter lists of data like cryptocurrencies by market cap or exchanges by volume.
- **Item endpoints:** Convenient ID-based resource endpoints like `*/quotes/*` and `*/market-pairs/*` allow you to bundle several IDs; for example, this allows you to get latest market quotes for a specific set of cryptocurrencies in one call.

Standards and Conventions

Each HTTP request must contain the header `Accept: application/json`. You should also send an `Accept-Encoding: deflate, gzip` header to receive data fast and efficiently.

Endpoint Response Payload Format

All endpoints return data in JSON format with the results of your query under `data` if the call is successful.

A `Status` object is always included for both successful calls and failures when possible. The `Status` object always includes the current time on the server when the call was executed as `timestamp`, the number of API call credits this call utilized as `credit_count`, and the number of milliseconds it took to process the request as `elapsed`. Any details about errors encountered can be found under the `error_code` and `error_message`. See Errors and Rate Limits for details on errors.

```
{
  "data" : {
    ...
  },
  "status": {
    "timestamp": "2018-06-06T07:52:27.273Z",
    "error_code": 400,
    "error_message": "Invalid value for \"id\"",
    "elapsed": 0,
    "credit_count": 0
  }
}
```

Cryptocurrency, Exchange, and Fiat currency identifiers

- Cryptocurrencies may be identified in endpoints using either the cryptocurrency's unique CoinMarketCap ID as `id` (eg. `id=1` for Bitcoin) or the cryptocurrency's symbol (eg. `symbol=BTC` for Bitcoin). For a current list of supported cryptocurrencies use our `/cryptocurrency/map` call.
- Exchanges may be identified in endpoints using either the exchange's unique CoinMarketCap ID as `id` (eg. `id=270` for Binance) or the exchange's web slug (eg. `slug=binance` for Binance). For a current list of supported exchanges use our `/exchange/map` call.
- All fiat currency options use the standard ISO 8601 currency code (eg. `USD` for the US Dollar). For a current list of supported fiat currencies use our `/fiat/map` endpoint. Unless otherwise stated, endpoints with fiat currency options like our `convert` parameter support these 93 major currency codes:

Currency	Currency Code	CoinMarketCap ID
United States Dollar ($)	USD	2781
Albanian Lek (L)	ALL	3526
Algerian Dinar (د.ج)	DZD	3537
Argentine Peso ($)	ARS	2821
Armenian Dram (֏)	AMD	3527

Currency	Currency Code	CoinMarketCap ID
Australian Dollar ($)	AUD	2782
Azerbaijani Manat (₼)	AZN	3528

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Bermudan Dollar ($)	BMD	3532
Bolivian Boliviano (Bs.)	BOB	2832
Bosnia-Herzegovina Convertible Mark (KM)	BAM	3529
Brazilian Real (R$)	BRL	2783
Bulgarian Lev (лв)	BGN	2814
Cambodian Riel (៛)	KHR	3549
Canadian Dollar ($)	CAD	2784
Chilean Peso ($)	CLP	2786
Chinese Yuan (¥)	CNY	2787
Colombian Peso ($)	COP	2820
Costa Rican Colón (₡)	CRC	3534
Croatian Kuna (kn)	HRK	2815
Cuban Peso ($)	CUP	3535
Czech Koruna (Kč)	CZK	2788
Danish Krone (kr)	DKK	2789
Dominican Peso ($)	DOP	3536
Egyptian Pound (£)	EGP	3538
Euro (€)	EUR	2790
Georgian Lari (₾)	GEL	3539
Ghanaian Cedi (₵)	GHS	3540
Guatemalan Quetzal (Q)	GTQ	3541
Honduran Lempira (L)	HNL	3542
Hong Kong Dollar ($)	HKD	2792
Hungarian Forint (Ft)	HUF	2793
Icelandic Króna (kr)	ISK	2818
Indian Rupee (₹)	INR	2796
Indonesian Rupiah (Rp)	IDR	2794
Iranian Rial (ریال)	IRR	3544
Iraqi Dinar (ع.د)	IQD	3543
Israeli New Shekel (₪)	ILS	2795
Jamaican Dollar ($)	JMD	3545
Japanese Yen (¥)	JPY	2797
Jordanian Dinar (د.ا)	JOD	3546

Currency	Currency Code	CoinMarketCap ID
Kazakhstani Tenge (₸)	KZT	3551
Kenyan Shilling (Sh)	KES	3547

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Macedonian Denar (ден)	MKD	3550
Malaysian Ringgit (RM)	MYR	2800
Mauritian Rupee (₨)	MUR	2816
Mexican Peso ($)	MXN	2799
Moldovan Leu (L)	MDL	3555
Mongolian Tugrik (₮)	MNT	3558
Moroccan Dirham (د.م.)	MAD	3554
Myanma Kyat (Ks)	MMK	3557
Namibian Dollar ($)	NAD	3559
Nepalese Rupee (₨)	NPR	3561
New Taiwan Dollar (NT$)	TWD	2811
New Zealand Dollar ($)	NZD	2802
Nicaraguan Córdoba (C$)	NIO	3560
Nigerian Naira (₦)	NGN	2819
Norwegian Krone (kr)	NOK	2801
Omani Rial (ر.ع.)	OMR	3562
Pakistani Rupee (₨)	PKR	2804
Panamanian Balboa (B/.)	PAB	3563
Peruvian Sol (S/.)	PEN	2822
Philippine Peso (₱)	PHP	2803
Polish Złoty (zł)	PLN	2805
Pound Sterling (£)	GBP	2791
Qatari Rial (ر.ق)	QAR	3564
Romanian Leu (lei)	RON	2817
Russian Ruble (₽)	RUB	2806
Saudi Riyal (ر.س)	SAR	3566
Serbian Dinar (дин.)	RSD	3565
Singapore Dollar (S$)	SGD	2808
South African Rand (R)	ZAR	2812
South Korean Won (₩)	KRW	2798
South Sudanese Pound (£)	SSP	3567
Sovereign Bolivar (Bs.)	VES	3573
Sri Lankan Rupee (Rs)	LKR	3553

Currency	Currency Code	CoinMarketCap ID
Swedish Krona (kr)	SEK	2807
Swiss Franc (Fr)	CHF	2785

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Turkish Lira (₺)	TRY	2810
Ugandan Shilling (Sh)	UGX	3570
Ukrainian Hryvnia (₴)	UAH	2824
United Arab Emirates Dirham (إ.د)	AED	2813
Uruguayan Peso ($)	UYU	3571
Uzbekistan Som (so'm)	UZS	3572
Vietnamese Dong (₫)	VND	2823

Along with these four precious metals:

Precious Metal	Currency Code	CoinMarketCap ID
Gold Troy Ounce	XAU	3575
Silver Troy Ounce	XAG	3574
Platinum Ounce	XPT	3577
Palladium Ounce	XPD	3576

Warning: Using CoinMarketCap IDs is always recommended as not all cryptocurrency symbols are unique. They can also change with a cryptocurrency rebrand. If a symbol is used the API will always default to the cryptocurrency with the highest market cap if there are multiple matches. Our `convert` parameter also defaults to fiat if a cryptocurrency symbol also matches a supported fiat currency. You may use the convenient `/map` endpoints to quickly find the corresponding CoinMarketCap ID for a cryptocurrency or exchange.

Bundling API Calls

- Many endpoints support ID and crypto/fiat currency conversion bundling. This means you can pass multiple comma-separated values to an endpoint to query or convert several items at once. Check the `id`, `symbol`, `slug`, and `convert` query parameter descriptions in the endpoint documentation to see if this is supported for an endpoint.
- Endpoints that support bundling return data as an object map instead of an array. Each key-value pair will use the identifier you passed in as the key.

For example, if you passed `symbol=BTC,ETH` to `/v1/cryptocurrency/quotes/latest` you would receive:

```
"data" : {
    "BTC" : {
        ...
    },
    "ETH" : {
        ...
    }
}
```

Or if you passed `id=1,1027` you would receive:

```
"data" : {
    "1" : {
        ...
    },
    "1027" : {
        ...
    }
}
```

Price conversions that are returned inside endpoint responses behave in the same fashion. These are enclosed in a `quote` object.

Date and Time Formats

- All endpoints that require date/time parameters allow timestamps to be passed in either ISO 8601 format (eg.

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Versioning

The CoinMarketCap API is versioned to guarantee new features and updates are non-breaking. The latest version of this API is `/v1/`.

Errors and Rate Limits

API Request Throttling

Use of the CoinMarketCap API is subject to API call rate limiting or "request throttling". This is the number of HTTP calls that can be made simultaneously or within the same minute with your API Key before receiving an HTTP 429 "Too Many Requests" throttling error. This limit scales with the usage tier and resets every 60 seconds. Please review our Best Practices for implementation strategies that work well with rate limiting.

HTTP Status Codes

The API uses standard HTTP status codes to indicate the success or failure of an API call.

- `400 (Bad Request)` The server could not process the request, likely due to an invalid argument.
- `401 (Unauthorized)` Your request lacks valid authentication credentials, likely an issue with your API Key.
- `402 (Payment Required)` Your API request was rejected due to it being a paid subscription plan with an overdue balance. Pay the balance in the Developer Portal billing tab and it will be enabled.
- `403 (Forbidden)` Your request was rejected due to a permission issue, likely a restriction on the API Key's associated service plan. Here is a convenient map of service plans to endpoints.
- `429 (Too Many Requests)` The API Key's rate limit was exceeded; consider slowing down your API Request frequency if this is an HTTP request throttling error. Consider upgrading your service plan if you have reached your monthly API call credit limit for the day/month.
- `500 (Internal Server Error)` An unexpected server issue was encountered.

Error Response Codes

A `Status` object is always included in the JSON response payload for both successful calls and failures when possible. During error scenarios you may reference the `error_code` and `error_message` properties of the Status object. One of the API error codes below will be returned if applicable otherwise the HTTP status code for the general error type is returned.

HTTP Status	Error Code	Error Message
401	1001 [API_KEY_INVALID]	This API Key is invalid.
401	1002 [API_KEY_MISSING]	API key missing.
402	1003 [API_KEY_PLAN_REQUIRES_PAYEMENT]	Your API Key must be activated. Please go to pro.coinmarketcap.com/account/plan.
402	1004 [API_KEY_PLAN_PAYMENT_EXPIRED]	Your API Key's subscription plan has expired.
403	1005 [API_KEY_REQUIRED]	An API Key is required for this call.
403	1006 [API_KEY_PLAN_NOT_AUTHORIZED]	Your API Key subscription plan doesn't support this endpoint.
403	1007 [API_KEY_DISABLED]	This API Key has been disabled. Please contact support.

HTTP Status	Error Code	Error Message
429	1008 [API_KEY_PLAN_MINUTE_RATE_LIMIT_REACHED]	You've exceeded your API Key's HTTP request rate limit. Rate limits reset every minute.

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Best Practices

This section contains a few recommendations on how to efficiently utilize the CoinMarketCap API for your enterprise application, particularly if you already have a large base of users for your application.

Use CoinMarketCap ID Instead of Cryptocurrency Symbol

Utilizing common cryptocurrency symbols to reference cryptocurrencies on the API is easy and convenient but brittle. You should know that many cryptocurrencies have the same symbol, for example, there are currently three cryptocurrencies that commonly refer to themselves by the symbol HOT. Cryptocurrency symbols also often change with cryptocurrency rebrands. When fetching cryptocurrency by a symbol that matches several active cryptocurrencies we return the one with the highest market cap at the time of the query. To ensure you always target the cryptocurrency you expect, use our permanent CoinMarketCap IDs. These IDs are used reliably by numerous mission critical platforms and *never change*.

We make fetching a map of all active cryptocurrencies' CoinMarketCap IDs very easy. Just call our `/cryptocurrency/map` endpoint to receive a list of all active currencies mapped to the unique `id` property. This map also includes other typical identifiying properties like `name`, `symbol` and platform `token_address` that can be cross referenced. In cryptocurrency calls you would then send, for example `id=1027`, instead of `symbol=ETH`. **It's strongly recommended that any production code utilize these IDs for cryptocurrencies, exchanges, and markets to future-proof your code.**

Use the Right Endpoints for the Job

You may have noticed that `/cryptocurrency/listings/latest` and `/cryptocurrency/quotes/latest` return the same crypto data but in different formats. This is because the former is for requesting paginated and ordered lists of *all* cryptocurrencies while the latter is for selectively requesting only the specific cryptocurrencies you require. Many endpoints follow this pattern, allow the design of these endpoints to work for you!

Implement a Caching Strategy If Needed

There are standard legal data safeguards built into the Commercial User Terms that application developers should keep in mind. These Terms help prevent unauthorized scraping and redistributing of CMC data but are intentionally worded to allow legitimate local caching of market data to support the operation of your application. If your application has a significant user base and you are concerned with staying within the call credit and API throttling limits of your subscription plan consider implementing a data caching strategy.

For example instead of making a `/cryptocurrency/quotes/latest` call every time one of your application's users needs to fetch market rates for specific cryptocurrencies, you could pre-fetch and cache the latest market data for every cryptocurrency in your application's local database every 60 seconds. This would only require 1 API call, `/cryptocurrency/listings/latest?limit=5000`, every 60 seconds. Then, anytime one of your application's users need to load a custom list of cryptocurrencies you could simply pull this latest market data from your local cache without the overhead of additional calls. This kind of optimization is practical for customers with large, demanding user bases.

Code Defensively to Ensure a Robust REST API Integration

Whenever implementing any high availability REST API service for mission critical operations it's recommended to code defensively. Since the API is versioned, any breaking request or response format change would only be introduced through new versions of each endpoint, *however existing endpoints may still introduce new convenience properties over time*.

We suggest these best practices:

- You should parse the API response JSON as JSON and not through a regular expression or other means to avoid brittle parsing logic.
- Your parsing code should explicitly parse only the response properties you require to guarantee new fields that may be returned in the

future are ignored.

- You should add robust field validation to your response parsing logic. You can wrap complex field parsing, like dates, in try/catch statements to minimize the impact of unexpected parsing issues (like the unlikely return of a null value).
- Implement a "Retry with exponential backoff" coding pattern for your REST API call logic. This means if your HTTP request happens to

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subscription tiers you can reach out to api@coinmarketcap.com. We'll review your needs and budget and may be able to tailor a custom enterprise plan that is right for you.

Version History

The CoinMarketCap API utilizes Semantic Versioning in the format `major.minor.patch` . The current `major` version is incorporated into the API request path as `/v1/` . Non-breaking `minor` and `patch` updates to the API are released regularly. These may include new endpoints, data points, and API plan features which are always introduced in a non-breaking manner. *This means you can expect new properties to become available in our existing /v1/ endpoints however any breaking change will be introduced under a new major version of the API with legacy versions supported indefinitely unless otherwise stated*.

You can subscribe to our API Newsletter to get monthly email updates on CoinMarketCap API enhancements.

v2.0.4 on October 11, 2021

- /v1/cryptocurrency/listings/latest now includes `volume_change_24h` .
- /v1/cryptocurrency/quotes/latest now includes `volume_change_24h` .

v2.0.3 on October 6, 2021

- /v1/cryptocurrency/trending/latest now supports `time_period` as an optional parameter.

v2.0.2 on September 13, 2021

- /exchange/map now available to Free tier users.
- /exchange/info now available to Free tier users.

v2.0.1 on September 8, 2021

- /exchange/market-pairs/latest now includes `volume_24h` , `depth_negative_two` , `depth_positive_two` and `volume_percentage` .
- /exchange/listings/latest now includes `open_interest` .

v2.0.0 on August 17, 2021

- By popular request we have added a number of new useful endpoints !
- /v1/cryptocurrency/categories can be used to access a list of categories and their associated coins. You can also filter the list of categories by one or more cryptocurrencies.
- /v1/cryptocurrency/category can be used to load only a single category of coins, listing the coins within that category.
- /v1/cryptocurrency/airdrops can be used to access a list of CoinMarketCap's free airdrops. This defaults to a status of `ONGOING` but can be filtered to `UPCOMING` or `ENDED` . You can also query for a list of airdrops by cryptocurrency.
- /v1/cryptocurrency/airdrop can be used to load a single airdrop and its associated cryptocurrency.
- /v1/cryptocurrency/trending/latest can be used to load the most searched for cryptocurrencies within a period of time. This defaults to a `time_period` of the previous `24h` , but can be changed to `30d` , or `7d` for a larger window of time.
- /v1/cryptocurrency/trending/most-visited can be used to load the most visited cryptocurrencies within a period of time. This defaults to a `time_period` of the previous `24h` , but can be changed to `30d` , or `7d` for a larger window of time.
- /v1/cryptocurrency/trending/gainers-losers can be used to load the biggest gainers & losers within a period of time. This defaults to a `time_period` of the previous `24h` , but can be changed to `30d` , or `7d` for a larger window of time.

v1.28.0 on August 9, 2021

- /v1/cryptocurrency/listings/latest now includes `market_cap_dominance` and `fully_diluted_market_cap` .
- /v1/cryptocurrency/quotes/latest now includes `market_cap_dominance` and `fully_diluted_market_cap` .

v1.27.0 on January 27, 2021

- /v2/cryptocurrency/info response format changed to allow for multiple coins per symbol.
- /v2/cryptocurrency/market-pairs/latest response format changed to allow for multiple coins per symbol.
- /v2/cryptocurrency/quotes/historical response format changed to allow for multiple coins per symbol.

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- /v2/cryptocurrency/quotes/latest response format changed to allow for multiple coins per symbol.

v1.25.0 on April 17, 2020

- /v1.1/cryptocurrency/listings/latest now includes a more robust `tags` response with slug, name, and category.
- /cryptocurrency/quotes/historical and /cryptocurrency/quotes/latest now include `is_active` and `is_fiat` in the response.

v1.24.0 on Feb 24, 2020

- /cryptocurrency/ohlcv/historical has been modified to include the high and low timestamps.
- /exchange/market-pairs/latest now includes `category` and `fee_type` market pair filtering options.
- /cryptocurrency/listings/latest now includes `category` and `fee_type` market pair filtering options.

v1.23.0 on Feb 3, 2020

- /fiat/map is now available to fetch the latest mapping of supported fiat currencies to CMC IDs.
- /exchange/market-pairs/latest now includes `matched_id` and `matched_symbol` market pair filtering options.
- /cryptocurrency/listings/latest now provides filter parameters `price_min`, `price_max`, `market_cap_min`, `market_cap_max`, `percent_change_24h_min`, `percent_change_24h_max`, `volume_24h_max`, `circulating_supply_min` and `circulating_supply_max` in addition to the existing `volume_24h_min` filter.

v1.22.0 on Oct 16, 2019

- /global-metrics/quotes/latest now additionally returns `total_cryptocurrencies` and `total_exchanges` counts which include inactive projects who's data is still available via API.

v1.21.0 on Oct 1, 2019

- /exchange/map now includes `sort` options including `volume_24h`.
- /cryptocurrency/map fix for a scenario where `first_historical_data` and `last_historical_data` may not be populated.
- Additional improvements to alphanumeric sorts.

v1.20.0 on Sep 25, 2019

- By popular request you may now configure API plan usage notifications and email alerts in the Developer Portal.
- /cryptocurrency/map now includes `sort` options including `cmc_rank`.

v1.19.0 on Sep 19, 2019

- A new `/blockchain/` category of endpoints is now available with the introduction of our new /v1/blockchain/statistics/latest endpoint. This endpoint can be used to poll blockchain statistics data as seen in our Blockchain Explorer.
- Additional platform error codes are now surfaced during HTTP Status Code 401, 402, 403, and 429 scenarios as documented in Errors and Rate Limits.
- OHLCV endpoints using the `convert` option now match historical UTC open period exchange rates with greater accuracy.
- /cryptocurrency/info and /exchange/info now include the optional `aux` parameter where listing `status` can be requested in the list of supplemental properties.
- /cryptocurrency/listings/latest and /cryptocurrency/quotes/latest: The accuracy of `percent_change_` conversions was improved when passing non-USD fiat `convert` options.
- /cryptocurrency/ohlcv/historical and /cryptocurrency/quotes/latest now support relaxed request validation rules via the `skip_invalid` request parameter.
- We also now return a helpful `notice` warning when API key usage is above 95% of daily and monthly API credit usage limits.

v1.18.0 on Aug 28, 2019

- /key/info has been added as a new endpoint. It may be used programmatically monitor your key usage compared to the rate limit and

- daily/monthly credit limits available to your API plan as an alternative to using the Developer Portal Dashboard.
- /cryptocurrency/quotes/historical and /v1/global-metrics/quotes/historical have new options to make charting tasks easier and more efficient. Use the new `aux` parameter to cut out response properties you don't need and include the new `search_interval` timestamp to normalize disparate historical records against the same `interval` time periods.

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to return only `BTC/USD` and `BTC/USDT` markets? Just pass `?symbol=BTC&matched_symbol=USD,USDT` or `?id=1& matched_id=2781,825`.
- /cryptocurrency/market-pairs/latest now features `sort` options including `cmc_rank` to reproduce the methodology based sort on pages like Bitcoin Markets.
- /cryptocurrency/market-pairs/latest can now return any exchange level CMC notices affecting a market via the new `notice` `aux` parameter.
- /cryptocurrency/quotes/latest will now continue to return the last updated price data for cryptocurrency that have transitioned to an `inactive` state instead of returning an HTTP 400 error. These active coins that have gone inactive can easily be identified as having a `num_market_pairs` of `0` and a stale `last_updated` date.
- /exchange/info now includes a brief text summary for most exchanges as `description`.

v1.16.0 on Aug 9, 2019

- We've introduced a new partners category of endpoints for convenient access to 3rd party crypto data. FlipSide Crypto's Fundamental Crypto Asset Score (FCAS) is now available as the first partner integration.
- /cryptocurrency/listings/latest now provides a `volume_24h_min` filter parameter. It can be used when a threshold of volume is required like in our Biggest Gainers and Losers lists.
- /cryptocurrency/listings/latest and /cryptocurrency/quotes/latest can now return rolling `volume_7d` and `volume_30d` via the supplemental `aux` parameter and sort options by these fields.
- `volume_24h_reported`, `volume_7d_reported`, `volume_30d_reported`, and `market_cap_by_total_supply` are also now available through the `aux` parameter with an additional sort option for the latter.
- /cryptocurrency/market-pairs/latest can now provide market price relative to the quote currency. Just pass `price_quote` to the supplemental `aux` parameter. This can be used to display consistent price data for a cryptocurrency across several markets no matter if it is the base or quote in each pair as seen in our Bitcoin markets price column.
- When requesting a custom `sort` on our list based endpoints, numeric fields like `percent_change_7d` now conveniently return non-applicable `null` values last regardless of sort order.

v1.15.0 on Jul 10, 2019

- /cryptocurrency/map and /v1/exchange/map now expose a 3rd listing state of `untracked` between `active` and `inactive` as outlined in our methodology. See endpoint documentation for additional details.
- /cryptocurrency/quotes/historical, /cryptocurrency/ohlcv/historical, and /exchange/quotes/latest now support fetching multiple cryptocurrencies and exchanges in the same call.
- /global-metrics/quotes/latest now updates more frequently, every minute. It aslo now includes `total_volume_24h_reported`, `altcoin_volume_24h`, `altcoin_volume_24h_reported`, and `altcoin_market_cap`.
- /global-metrics/quotes/historical also includes these new dimensions along with historical `active_cryptocurrencies`, `active_exchanges`, and `active_market_pairs` counts.
- We've also added a new `aux` auxiliary parameter to many endpoints which can be used to customize your request. You may request new supplemental data properties that are not returned by default or slim down your response payload by excluding default `aux` fields you don't need in endpoints like /cryptocurrency/listings/latest. /cryptocurrency/market-pairs/latest and /exchange/market-pairs/latest can now supply `market_url`, `currency_name`, and `currency_slug` for each market using this new parameter. /exchange/listings /latest can now include the exchange `date_launched`.

v1.14.1 on Jun 14, 2019 - DATA: Phase 1 methodology updates

Per our May 1 announcement of the Data Accountability & Transparency Alliance (DATA), a platform methodology update was published. No API changes are required but users should take note:
- Exchanges that are not compliant with mandatory transparency requirements (Ability to surface live trade and order book data) will be excluded from VWAP price and volume calculations returned from our `/cryptocurrency/` and `/global-metrics/` endpoints going forward.
- These exchanges will also return a `volume_24h_adjusted` value of 0 from our `/exchange/` endpoints like the exclusions based on market category and fee type. Stale markets (24h or older) will also be excluded. All exchanges will continue to return

- `exchange_reported` values as reported.
- We welcome you to learn more about the DATA alliance and become a partner.

v1.14.0 on Jun 3, 2019

- /exchange/info also includes a `notice` property. This one may highlight a condition that is impacting the availability of an exchange's market data or the use of the exchange. See the endpoint property description for more details.
- /exchange/info now includes the official launch date for each exchange as `date_launched`.
- /cryptocurrency/market-pairs/latest and /exchange/market-pairs/latest now include market `category` (Spot, Derivatives, or OTC) and `fee_type` (Percentage, No Fees, Transactional Mining, or Unknown) for every market returned.
- /cryptocurrency/market-pairs/latest now supports querying by cryptocurrency `slug`.
- /cryptocurrency/listings/latest now includes a `market_cap_strict` sort option to apply a strict numeric sort on this field.

v1.13.0 on May 17, 2019

- You may now leverage CoinMarketCap IDs for currency `quote` conversions across all endpoints! Just utilize the new `convert_id` parameter instead of the `convert` parameter. Learn more about creating robust integrations with CMC IDs in our Best Practices.
- We've updated requesting cryptocurrencies by `slug` to support legacy names from past cryptocurrency rebrands. For example, a request to `/cryptocurrency/quotes/latest?slug=antshares` successfully returns the cryptocurrency by current slug `neo`.
- We've extended the brief text summary included as `description` in /cryptocurrency/info to now cover all cryptocurrencies!
- We've added the fetch-by-slug option to /cryptocurrency/ohlcv/historical.
- Premium subscription users: On your next billing period we'll conveniently switch to displaying monthly/daily credit usage relative to your monthly billing period instead of calendar month and UTC midnight. Click the `?` on our updated API Key Usage panel for more details.

v1.12.1 on May 1, 2019

- To celebrate CoinMarketCap's 6th anniversary we've upgraded the crypto API to make more of our data available at each tier!
- Our free Basic tier may now access live price conversions via /tools/price-conversion.
- Our Hobbyist tier now supports a month of historical price conversions with /tools/price-conversion using the `time` parameter. We've also made this plan 12% cheaper at $29/mo with a yearly subscription or $35/mo month-to-month.
- Our Startup tier can now access a month of cryptocurrency OHLCV data via /cryptocurrency/ohlcv/historical along with /tools/price-conversion.
- Our Standard tier has been upgraded from 1 month to now 3 months of historical market data access across all historical endpoints.
- Our Enterprise, Professional, and Standard tiers now get access to a new #18th endpoint /cryptocurrency/listings/historical! Utilize this endpoint to fetch daily historical crypto rankings from the past. We've made historical ranking snapshots available all the way back to 2013!
- All existing accounts and subscribers may take advantage of these updates. If you haven't signed up yet you can check out our updated plans on our feature comparison page.

v1.12.0 on Apr 28, 2019

- Our API docs now supply API request examples in 7 languages for every endpoint: cURL, Node.js, Python, PHP, Java, C#, and Go.
- Many customer sites format cryptocurrency data page URLs by SEO friendly names like we do here: coinmarketcap.com/currencies/binance-coin. We've made it much easier for these kinds of pages to dynamically reference data from our API. You may now request cryptocurrencies from our /cryptocurrency/info and /cryptocurrency/quotes/latest endpoints by `slug` as an alternative to `symbol` or `id`. As always, you can retrieve a quick list of every cryptocurrency we support and it's `id`, `symbol`, and `slug` via our /cryptocurrency/map endpoint.
- We've increased `convert` limits on historical endpoints once more. You can now request historical market data in up to 3 conversion options at a time like we do internally to display line charts like this. You can now fetch market data converted into your primary cryptocurrency, fiat currency, and a parent platform cryptocurrency (Ethereum in this case) all in one call!

v1.11.0 on Mar 25, 2019

- We now supply a brief text summary for each cryptocurrency in the `description` field of /cryptocurrency/info. The majority of top cryptocurrencies include this field with more coming in the future.
- We've made `convert` limits on some endpoints and plans more flexible. Historical endpoints are now allowed 2 price conversion options instead of 1. Professional plan convert limit has doubled from 40 to 80. Enterprise has tripled from 40 to 120.
- CoinMarketCap Market ID: We now return `market_id` in /market-pairs/latest endpoints. Like our cryptocurrency and exchange IDs, this

ID can reliably be used to uniquely identify each market *permanently* as this ID never changes.
- Market symbol overrides: We now supply an `exchange_symbol` in addition to `currency_symbol` for each market pair returned in our /market-pairs/latest endpoints. This allows you to reference the currency symbol provided by the exchange in case it differs from the CoinMarketCap identified symbol that the majority of markets use.

🔍

cryptocurrency endpoints.
- /cryptocurrency/market-pairs/latest now updates more frequently, every 1 minute.
- Contract Address and parent platform metadata changes are reflected on the API much more quickly.

v1.9.0 on Jan 8, 2019

- Did you know there are currently 684 active USD market pairs tracked by CoinMarketCap? You can now pass any fiat CoinMarketCap ID to the /cryptocurrency/market-pairs/latest `id` parameter to list all active markets across all exchanges for a given fiat currency.
- We've added a new dedicated migration FAQ page for users migrating from our old Public API to the new API here. It includes a helpful tutorial link for Excel and Google Sheets users who need help migrating.
- Cryptocurrency and exchange symbol and name rebrands are now reflected in the API much more quickly.

v1.8.0 on Dec 27, 2018

- We now supply the contract address for all cryptocurrencies on token platforms like Ethereum! Look for `token_address` in the `platform` property of our cryptocurrency endpoints like /cryptocurrency/map and /cryptocurrency/listings/latest.
- All 96 non-USD fiat conversion rates now update every 1 minute like our USD rates! This includes using the `convert` option for all /latest market data endpoints as well as our /tools/price-conversion endpoint.

v1.7.0 on Dec 18, 2018

- We've upgraded our fiat (government) currency conversion support from our original 32 to now cover 93 fiat currencies!
- We've also introduced currency conversions for four precious metals: Gold, Silver, Platinum, and Palladium!
- You may pass all 97 fiat currency options to our /tools/price-conversion endpoint using either the `symbol` or `id` parameter. Using CMC `id` is always the most robust option. CMC IDs are now included in the full list of fiat options located here.
- All historical endpoints including our price conversion endpoint with "time" parameter now support historical fiat conversions back to 2013!

v1.6.0 on Dec 4, 2018

- We've rolled out another top requested feature, giving you access to platform metadata for cryptocurrencies that are tokens built on other cryptocurrencies like Ethereum. Look for the new `platform` property on our cryptocurrency endpoints like /cryptocurrency/listings/latest and /cryptocurrency/map.
- We've also added a **CMC equivalent pages** section to our endpoint docs so you can easily determine which endpoints to use to reproduce functionality on the main coinmarketcap.com website.
- Welcome Public API users! With the migration of our legacy Public API into the Professional API we now have 1 unified API at CMC. This API is now known as the CoinMarketCap API and can always be accessed at coinmarketcap.com/api.

v1.5.0 on Nov 28, 2018

- /cryptocurrency/ohlcv/historical now supports hourly OHLCV! Use time_period="hourly" and don't forget to set the "interval" parameter to "hourly" or one of the new hourly interval options.
- /tools/price-conversion now supports historical USD conversions.
- We've increased the minute based rate limits for several plans. Standard plan has been upgraded from 30 to 60 calls per minute. Professional from 60 to 90. Enterprise from 90 to 120.
- We now include some customer and data partner logos and testimonials on the CoinMarketCap API site. Visit pro.coinmarketcap.com to check out what our enterprise customers are saying and contact us at api@coinmarketcap.com if you'd like to get added to the list!

v1.4.0 on Nov 20, 2018

- /tools/price-conversion can now provide the latest crypto-to-crypto conversions at 1 minute accuracy with extended decimal precision upwards of 8 decimal places.
- /tools/price-conversion now supports historical crypto-to-crypto conversions leveraging our closest averages to the specified "time" parameter.
- All of our historical data endpoints now support historical cryptocurrency conversions using the "convert" parameter. The closest

reference price for each "convert" option against each historical datapoint is used for each conversion.
- /global-metrics/quotes/historical now supports the "convert" parameter.

v1.3.0 on Nov 9, 2018

🔍

Key / Key Info

v1.2.0 on Oct 30, 2018

- Our exchange listing and quotes endpoints now update much more frequently! Every 1 minute instead of every 5 minutes.
- These latest exchange data endpoints also now return `volume_7d / 30d` and `percent_change_volume_24h / 7d / 30d` along with existing data.
- We've updated our documentation for /exchange/market-pairs/latest to reflect that it receives updates every 1 minute, not 5, since June.

v1.1.4 on Oct 19, 2018

- We've improved our tiered support inboxes by plan type to answer support requests even faster.
- You may now opt-in to our API mailing list on signup. If you haven't signed up you can here.

v1.1.3 on Oct 12, 2018

- We've increased the rate limit of our free Basic plan from 10 calls a minute to 30.
- We've increased the rate limit of our Hobbyist plan from 15 to 30.

v1.1.2 on Oct 5, 2018

- We've updated our most popular /cryptocurrency/listings/latest endpoint to cost 1 credit per 200 data points instead of 100 to give customers more flexibility.
- By popular request we've introduced a new $33 personal use Hobbyist tier with access to our currency conversion calculator endpoint.
- Our existing commercial use Hobbyist tier has been renamed to Startup. Our free Starter tier has been renamed to Basic.

v1.1.1 on Sept 28, 2018

- We've increased our monthly credit limits for our smaller plans! Existing customers plans have also been updated.
- Our free Starter plan has been upgraded from 6 to 10k monthly credits (66% increase).
- Our Hobbyist plan has been upgraded from 60k to 120k monthly credits (100% increase).
- Our Standard plan has been upgraded from 300 to 500k monthly credits (66% increase).

v1.1.0 on Sept 14, 2018

- We've introduced our first new endpoint since rollout, active day OHLCV for Standard plan and above with /v1/cryptocurrency/ohlcv/latest

v1.0.4 on Sept 7, 2018

- Subscription customers with billing renewal issues now receive an alert from our API during usage and an unpublished grace period before access is restricted.
- API Documentation has been improved including an outline of credit usage cost outlined on each endpoint documentation page.

v1.0.3 on Aug 24, 2018

- /v1/tools/price-conversion floating point conversion accuracy was improved.
- Added ability to query for non-alphanumeric crypto symbols like $PAC
- Customers may now update their billing card on file with an active Stripe subscription at pro.coinmarketcap.com/account/plan

v1.0.2 on Aug 17, 2018

- A new sandbox.coinmarketcap.com dedicated testing environment is now available to all customers.

Cryptocurrency

🔍

- /v1/cryptocurrency/quotes/historical - Historical quotes
- /v1/cryptocurrency/market-pairs/latest - Latest market pairs
- /v1/cryptocurrency/ohlcv/latest - Latest OHLCV
- /v1/cryptocurrency/ohlcv/historical - Historical OHLCV
- /v1/cryptocurrency/price-performance-stats/latest - Price performance Stats
- /v1/cryptocurrency/categories - Categories
- /v1/cryptocurrency/category - Category
- /v1/cryptocurrency/airdrops - Airdrops
- /v1/cryptocurrency/airdrop - Airdrop
- /v1/cryptocurrency/trending/latest - Trending Latest
- /v1/cryptocurrency/trending/most-visited - Trending Most Visited
- /v1/cryptocurrency/trending/gainers-losers - Trending Gainers & Losers

Airdrop

Returns information about a single airdrop available on CoinMarketCap. Includes the cryptocurrency metadata.

This endpoint is available on the following API plans:

- Hobbyist
- Startup
- Standard
- Professional
- Enterprise

Cache / Update frequency: Data is updated only as needed, every 30 seconds.
Plan credit use: 1 API call credit per request no matter query size.
CMC equivalent pages: Our free airdrops page coinmarketcap.com/airdrop/.

PARAMETERS

Query Parameters ?

— id   string **Required**
                                        Airdrop Unique ID. This can be found using the Airdrops API.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

⌐ **data** ⌄   Results of your query returned as an object map.

status ∨   Standardized status object for API calls.

∨ 400 Bad Request

🔍

Key / Key Info

∨ 500 Internal Server Error

GET   /v1/cryptocurrency/airdrop

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": {
        "id": "60e59b99c8ca1d58514a2322",
        "project_name": "DeRace Airdrop",
        "description": "For 7 days starting from August 15, 2021, CoinMarketCap will host an Airdrop event...",
        "status": "UPCOMING",
        "coin": {
            "id": 10744,
            "name": "DeRace",
            "slug": "derace",
            "symbol": "DERC"
        },
        "start_date": "2021-06-01T22:11:00.000Z",
        "end_date": "2021-07-01T22:11:00.000Z",
        "total_prize": 20000000000,
        "winner_count": 1000
    },
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

Airdrops

Returns a list of past, present, or future airdrops which have run on CoinMarketCap.

This endpoint is available on the following API plans:

- Hobbyist
- Startup
- Standard

🔍

Key / Key Info

PARAMETERS

Query Parameters ⑦

start	integer >= 1
	Default: `1`
	Optionally offset the start (1-based index) of the paginated list of items to return.

limit	integer [1 .. 5000]
	Default: `100`
	Optionally specify the number of results to return. Use this parameter and the "start" parameter to determine your own pagination size.

status	string
	Default: `"ONGOING"`
	Valid values: `"ENDED"` `"ONGOING"` `"UPCOMING"`
	What status of airdrops.

id	string
	Filtered airdrops by one cryptocurrency CoinMarketCap IDs. Example: 1

slug	string
	Alternatively filter airdrops by a cryptocurrency slug. Example: "bitcoin"

symbol	string
	Alternatively filter airdrops one cryptocurrency symbol. Example: "BTC".

Responses

︿ 200 Successful

RESPONSE SCHEMA

data ⌄	Array of airdrop object results.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

🔍

Key / Key Info

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": [
        {
            "id": "60e59b99c8ca1d58514a2322",
            "project_name": "DeRace Airdrop",
            "description": "For 7 days starting from August 15, 2021, CoinMarketCap will host an Airdrop
            event...",
            "status": "UPCOMING",
            "coin": {
                "id": 10744,
                "name": "DeRace",
                "slug": "derace",
                "symbol": "DERC"
            },
            "start_date": "2021-06-01T22:11:00.000Z",
            "end_date": "2021-07-01T22:11:00.000Z",
            "total_prize": 20000000000,
            "winner_count": 1000
        }
    ],
    "status": {
        "timestamp": "2021-08-01T22:51:28.209Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 3,
        "credit_count": 1
    }
}
```

Categories

Returns information about all coin categories available on CoinMarketCap. Includes a paginated list of cryptocurrency quotes and metadata from each category.

This endpoint is available on the following API plans:

- Free
- Hobbyist
- Startup
- Standard

- Professional
- Enterprise

Cache / Update frequency: Data is updated only as needed, every 30 seconds.
Plan credit use: 1 API call credit per request + 1 call credit per 200 cryptocurrencies returned (rounded up) and 1 call credit per `convert`

🔍

Key / Key Info

Query Parameters ?

start	integer >= 1
	Default: 1
	Optionally offset the start (1-based index) of the paginated list of items to return.
limit	integer [1 .. 5000]
	Optionally specify the number of results to return. Use this parameter and the "start" parameter to determine your own pagination size.
id	string
	Filtered categories by one or more comma-separated cryptocurrency CoinMarketCap IDs. Example: 1,2
slug	string
	Alternatively filter categories by a comma-separated list of cryptocurrency slugs. Example: "bitcoin,ethereum"
symbol	string
	Alternatively filter categories one or more comma-separated cryptocurrency symbols. Example: "BTC,ETH".

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄	Results of your query returned as an object map.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/cryptocurrency/categories

🔍

Key / Key Info

```
{
    "data": [
        {
            "id": "605e2ce9d41eae1066535f7c",
            "name": "A16Z Portfolio",
            "title": "A16Z Portfolio",
            "description": "A16Z Portfolio",
            "num_tokens": 12,
            "avg_price_change": 0.61305157,
            "market_cap": 29429241867.031097,
            "market_cap_change": 3.049044106496,
            "volume": 4103706600.0391645,
            "volume_change": -10.538325849854,
            "last_updated": 1616488708878
        }
    ],
    "status": {
        "timestamp": "2021-08-01T22:51:28.209Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 3,
        "credit_count": 1
    }
}
```

Category

Returns information about a single coin category available on CoinMarketCap. Includes a paginated list of the cryptocurrency quotes and metadata for the category.

This endpoint is available on the following API plans:

- Free
- Hobbyist
- Startup
- Standard
- Professional
- Enterprise

Cache / Update frequency: Data is updated only as needed, every 30 seconds.
Plan credit use: 1 API call credit per request + 1 call credit per 200 cryptocurrencies returned (rounded up) and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: Our Cryptocurrency Category page coinmarketcap.com/cryptocurrency-category/.

PARAMETERS

🔍

Key / Key Info

Optionally offset the start (1-based index) of the paginated list of coins to return.

| limit | integer [1 .. 1000] |

Default: `100`

Optionally specify the number of coins to return. Use this parameter and the "start" parameter to determine your own pagination size.

| convert | string |

Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of cryptocurrency or fiat currency symbols. Each additional convert option beyond the first requires an additional call credit. A list of supported fiat options can be found here. Each conversion is returned in its own "quote" object.

| convert_id | string |

Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to `convert` outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query. This parameter cannot be used when `convert` is used.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

| **data** ⌄ | Results of your query returned as an object map. |
| **status** ⌄ | Standardized status object for API calls. |

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/cryptocurrency/category

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

🔍

Key / Key Info

```
{
```

Key / Key Info

```
            "data": {
                "id": "605e2ce9d41eae1066535f7c",
                "name": "A16Z Portfolio",
                "title": "A16Z Portfolio",
```

🔍

Key / Key Info

```
                "volume": 4163700000.0391045,
                "volume_change": -10.538325849854,
                "coins": [
                    {
                        "id": 1,
                        "name": "Bitcoin",
                        "symbol": "BTC",
                        "slug": "bitcoin",
                        "cmc_rank": 5,
                        "num_market_pairs": 500,
                        "circulating_supply": 16950100,
                        "total_supply": 16950100,
                        "max_supply": 21000000,
                        "last_updated": "2018-06-02T22:51:28.209Z",
                        "date_added": "2013-04-28T00:00:00.000Z",
                        "tags": [
                            "mineable"
                        ],
                        "platform": null,
                        "quote": {
                            "USD": {
                                "price": 9283.92,
                                "volume_24h": 7155680000,
                                "percent_change_1h": -0.152774,
                                "percent_change_24h": 0.518894,
                                "percent_change_7d": 0.986573,
                                "market_cap": 158055024432,
                                "last_updated": "2018-08-09T22:53:32.000Z"
                            },
                            "BTC": {
                                "price": 1,
                                "volume_24h": 772012,
                                "percent_change_1h": 0,
                                "percent_change_24h": 0,
                                "percent_change_7d": 0,
                                "market_cap": 17024600,
                                "last_updated": "2018-08-09T22:53:32.000Z"
                            }
                        }
                    },
                    {
                        "id": 1027,
                        "name": "Ethereum",
                        "symbol": "ETH",
                        "slug": "ethereum",
                        "num_market_pairs": 6360,
                        "circulating_supply": 16950100,
                        "total_supply": 16950100,
                        "max_supply": 21000000,
                        "last_updated": "2018-06-02T22:51:28.209Z"
```

```
        "status": {
            "timestamp": "2021–11–27T09:02:02.177Z",
            "error_code": 0,
            "error_message": "",
```

🔍

Key / Key Info

Metadata

Returns all static metadata available for one or more cryptocurrencies. This information includes details like logo, description, official website URL, social links, and links to a cryptocurrency's technical documentation.

This endpoint is available on the following API plans:

- Basic
- Startup
- Hobbyist
- Standard
- Professional
- Enterprise

Cache / Update frequency: Static data is updated only as needed, every 30 seconds.
Plan credit use: 1 call credit per 100 cryptocurrencies returned (rounded up).
CMC equivalent pages: Cryptocurrency detail page metadata like coinmarketcap.com/currencies/bitcoin/.

PARAMETERS

Query Parameters   ⑦

id	string
	One or more comma-separated CoinMarketCap cryptocurrency IDs. Example: "1,2"
slug	string
	Alternatively pass a comma-separated list of cryptocurrency slugs. Example: "bitcoin,ethereum"
symbol	string
	Alternatively pass one or more comma-separated cryptocurrency symbols. Example: "BTC,ETH". At least one "id" *or* "slug" *or* "symbol" is required for this request.
address	string
	Alternatively pass in a contract address. Example: "0xc40af1e4fecfa05ce6bab79dcd8b373d2e436c4e"
aux	string
	Default: `"urls,logo,description,tags,platform,date_added,notice"`
	Optionally specify a comma-separated list of supplemental data fields to return. Pass `urls,logo,description,tags,platform,date_added,notice,status` to include all auxiliary fields.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

🔍

Key / Key Info

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/cryptocurrency/info

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
```

🔍

Key / Key Info

```
{
```

```
        "data": {
            "1": {
                "urls": {
                    "website": [
```

```
                    "reddit": [
                        "https://reddit.com/r/bitcoin"
                    ],
                    "message_board": [
                        "https://bitcointalk.org"
                    ],
                    "announcement": [ ],
                    "chat": [ ],
                    "explorer": [
                        "https://blockchain.coinmarketcap.com/chain/bitcoin",
                        "https://blockchain.info/",
                        "https://live.blockcypher.com/btc/"
                    ],
                    "source_code": [
                        "https://github.com/bitcoin/"
                    ]
                },
                "logo": "https://s2.coinmarketcap.com/static/img/coins/64x64/1.png",
                "id": 1,
                "name": "Bitcoin",
                "symbol": "BTC",
                "slug": "bitcoin",
                "description": "Bitcoin (BTC) is a consensus network that enables a new payment system and a
completely digital currency. Powered by its users, it is a peer to peer payment network that requires
no central authority to operate. On October 31st, 2008, an individual or group of individuals
operating under the pseudonym "Satoshi Nakamoto" published the Bitcoin Whitepaper and described it as:
"a purely peer-to-peer version of electronic cash would allow online payments to be sent directly from
one party to another without going through a financial institution."",
                "date_added": "2013-04-28T00:00:00.000Z",
                "tags": [
                    "mineable"
                ],
                "platform": null,
                "category": "coin"
            },
            "1027": {
                "urls": {
                    "website": [
                        "https://www.ethereum.org/"
                    ],
                    "technical_doc": [
                        "https://github.com/ethereum/wiki/wiki/White-Paper"
                    ],
                    "twitter": [
                        "https://twitter.com/ethereum"
                    ],
                    "reddit": [
                        "https://reddit.com/r/ethereum"
                    ],
                    "message board": [
```

```
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
```

🔍

Key / Key Info

CoinMarketCap ID Map

Returns a mapping of all cryptocurrencies to unique CoinMarketCap `id` s. Per our Best Practices we recommend utilizing CMC ID instead of cryptocurrency symbols to securely identify cryptocurrencies with our other endpoints and in your own application logic. Each cryptocurrency returned includes typical identifiers such as `name` , `symbol` , and `token_address` for flexible mapping to `id` .

By default this endpoint returns cryptocurrencies that have actively tracked markets on supported exchanges. You may receive a map of all inactive cryptocurrencies by passing `listing_status=inactive` . You may also receive a map of registered cryptocurrency projects that are listed but do not yet meet methodology requirements to have tracked markets via `listing_status=untracked` . Please review our methodology documentation for additional details on listing states.

Cryptocurrencies returned include `first_historical_data` and `last_historical_data` timestamps to conveniently reference historical date ranges available to query with historical time-series data endpoints. You may also use the `aux` parameter to only include properties you require to slim down the payload if calling this endpoint frequently.

This endpoint is available on the following API plans:

- Basic
- Hobbyist
- Startup
- Standard
- Professional
- Enterprise

Cache / Update frequency: Mapping data is updated only as needed, every 30 seconds.
Plan credit use: 1 API call credit per request no matter query size.
CMC equivalent pages: No equivalent, this data is only available via API.

PARAMETERS

Query Parameters ⑦

listing_status	string
	Default: `"active"`
	Only active cryptocurrencies are returned by default. Pass `inactive` to get a list of cryptocurrencies that are no longer active. Pass `untracked` to get a list of cryptocurrencies that are listed but do not yet meet methodology requirements to have tracked markets available. You may pass one or more comma-separated values.
start	integer >= 1
	Default: `1`
	Optionally offset the start (1-based index) of the paginated list of items to return.
limit	integer [1 .. 5000]
	Optionally specify the number of results to return. Use this parameter and the "start" parameter to determine your own pagination size.

sort	string
	Default: `"id"`
	Valid values: `"cmc_rank"` `"id"`
	What field to sort the list of cryptocurrencies by.

🔍

Key / Key Info

	Default: `"platform,first_historical_data,last_historical_data,is_active"`
	Optionally specify a comma-separated list of supplemental data fields to return. Pass `platform,first_historical_data,last_historical_data,is_active,status` to include all auxiliary fields.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄	Array of cryptocurrency object results.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/cryptocurrency/map

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": [
        {
```

Key / Key Info

```
            "first_historical_data": "2013-04-28T18:47:21.000Z",
            "last_historical_data": "2020-05-05T20:44:01.000Z",
            "platform": null
        },
        {
            "id": 1839,
            "rank": 3,
            "name": "Binance Coin",
            "symbol": "BNB",
            "slug": "binance-coin",
            "is_active": 1,
            "first_historical_data": "2017-07-25T04:30:05.000Z",
            "last_historical_data": "2020-05-05T20:44:02.000Z",
            "platform": {
                "id": 1027,
                "name": "Ethereum",
                "symbol": "ETH",
                "slug": "ethereum",
                "token_address": "0xB8c77482e45F1F44dE1745F52C74426C631bDD52"
            }
        },
        {
            "id": 825,
            "rank": 5,
            "name": "Tether",
            "symbol": "USDT",
            "slug": "tether",
            "is_active": 1,
            "first_historical_data": "2015-02-25T13:34:26.000Z",
            "last_historical_data": "2020-05-05T20:44:01.000Z",
            "platform": {
                "id": 1027,
                "name": "Ethereum",
                "symbol": "ETH",
                "slug": "ethereum",
                "token_address": "0xdac17f958d2ee523a2206206994597c13d831ec7"
            }
        }
    ],
    "status": {
        "timestamp": "2018-06-02T22:51:28.209Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

Listings Historical

🔍

- Daily snapshots reflect market data at the end of each UTC day and may be requested as far back as 2013-04-28 (as supported by your plan's historical limits).
- The required "date" parameter can be passed as a Unix timestamp or ISO 8601 date but only the date portion of the timestamp will be referenced. It is recommended to send an ISO date format like "2019-10-10" without time.
- This endpoint is for retrieving paginated and sorted lists of all currencies. If you require historical market data on specific cryptocurrencies you should use /cryptocurrency/quotes/historical.

Cryptocurrencies are listed by cmc_rank by default. You may optionally sort against any of the following:

cmc_rank: CoinMarketCap's market cap rank as outlined in our methodology.
name: The cryptocurrency name.
symbol: The cryptocurrency symbol.
market_cap: market cap (latest trade price x circulating supply).
price: latest average trade price across markets.
circulating_supply: approximate number of coins currently in circulation.
total_supply: approximate total amount of coins in existence right now (minus any coins that have been verifiably burned).
max_supply: our best approximation of the maximum amount of coins that will ever exist in the lifetime of the currency.
num_market_pairs: number of market pairs across all exchanges trading each currency.
volume_24h: 24 hour trading volume for each currency.
percent_change_1h: 1 hour trading price percentage change for each currency.
percent_change_24h: 24 hour trading price percentage change for each currency.
percent_change_7d: 7 day trading price percentage change for each currency.

This endpoint is available on the following API plans:

- ~~Basic~~
- ~~Hobbyist~~
- ~~Startup~~
- Standard (3 months)
- Professional (12 months)
- Enterprise (Up to 6 years)

Cache / Update frequency: The last completed UTC day is available 30 minutes after midnight on the next UTC day.
Plan credit use: 1 call credit per 100 cryptocurrencies returned (rounded up) and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: Our historical daily crypto ranking snapshot pages like this one on February 02, 2014.

PARAMETERS

Query Parameters ❓

date	string **Required** date (Unix or ISO 8601) to reference day of snapshot.
start	integer >= 1 Default: `1` Optionally offset the start (1-based index) of the paginated list of items to return.
limit	integer [1 .. 5000] Default: `100` Optionally specify the number of results to return. Use this parameter and the "start" parameter to determine your own pagination size.

convert	string
	Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of cryptocurrency fiat currency symbols. Each additional convert option beyond the first requires an additional call credit. A list of supporte options can be found here. Each conversion is returned in its own "quote" object.

🔍

Key / Key Info

sort	string
	Default: `"cmc_rank"`
	Valid values: `"cmc_rank"` `"name"` `"symbol"` `"market_cap"` `"price"` `"circulating_supply"` `"total_supp` `"max_supply"` `"num_market_pairs"` `"volume_24h"` `"percent_change_1h"` `"percent_change_24h"` `"percent_change_7d"`
	What field to sort the list of cryptocurrencies by.
sort_dir	string
	Valid values: `"asc"` `"desc"`
	The direction in which to order cryptocurrencies against the specified sort.
cryptocurrency_type	string
	Default: `"all"`
	Valid values: `"all"` `"coins"` `"tokens"`
	The type of cryptocurrency to include.
aux	string
	Default: `"platform,tags,date_added,circulating_supply,total_supply,max_supply,cmc_rank,num_market_pair`
	Optionally specify a comma-separated list of supplemental data fields to return. Pass `platform,tags,date_added,circulating_supply,total_supply,max_supply,cmc_rank,num_market_p` `s` to include all auxiliary fields.

Responses

∧ 200 Successful

RESPONSE SCHEMA

data ∨	Array of cryptocurrency objects matching the list options.
status ∨	Standardized status object for API calls.

∨ 400 Bad Request

∨ 401 Unauthorized

∨ 403 Forbidden

∨ 429 Too Many Requests

∨ 500 Internal Server Error

GET   /v1/cryptocurrency/listings/historical

🔍

Key / Key Info

```
{
```

Key / Key Info

```
        "data": [
            {
                "id": 1,
                "name": "Bitcoin",
```

Key / Key Info

```
                "max_supply": 21000000,
                "last_updated": "2018-06-02T22:51:28.209Z",
                "date_added": "2013-04-28T00:00:00.000Z",
                "tags": [
                    "mineable"
                ],
                "platform": null,
                "quote": {
                    "USD": {
                        "price": 9283.92,
                        "volume_24h": 7155680000,
                        "percent_change_1h": -0.152774,
                        "percent_change_24h": 0.518894,
                        "percent_change_7d": 0.986573,
                        "market_cap": 158055024432,
                        "last_updated": "2018-08-09T22:53:32.000Z"
                    },
                    "BTC": {
                        "price": 1,
                        "volume_24h": 772012,
                        "percent_change_1h": 0,
                        "percent_change_24h": 0,
                        "percent_change_7d": 0,
                        "market_cap": 17024600,
                        "last_updated": "2018-08-09T22:53:32.000Z"
                    }
                }
            },
            {
                "id": 1027,
                "name": "Ethereum",
                "symbol": "ETH",
                "slug": "ethereum",
                "num_market_pairs": 6089,
                "circulating_supply": 17200062,
                "total_supply": 17200062,
                "max_supply": 21000000,
                "last_updated": "2018-06-02T22:51:28.209Z",
                "date_added": "2013-04-28T00:00:00.000Z",
                "tags": [
                    "mineable"
                ],
                "platform": null,
                "quote": {
                    "USD": {
                        "price": 1678.6501384942708,
                        "volume_24h": 7155680000,
                        "percent_change_1h": -0.152774,
                        "percent_change_24h": 0.518894
```

```
        "status": {
            "timestamp": "2019-04-02T22:44:24.200Z",
            "error_code": 0,
            "error_message": "",
```

🔍

Key / Key Info

Listings Latest

Returns a paginated list of all active cryptocurrencies with latest market data. The default "market_cap" sort returns cryptocurrency in order of CoinMarketCap's market cap rank (as outlined in our methodology) but you may configure this call to order by another market ranking field. Use the "convert" option to return market values in multiple fiat and cryptocurrency conversions in the same call.

You may sort against any of the following:

market_cap: CoinMarketCap's market cap rank as outlined in our methodology.

market_cap_strict: A strict market cap sort (latest trade price x circulating supply).

name: The cryptocurrency name.

symbol: The cryptocurrency symbol.

date_added: Date cryptocurrency was added to the system.

price: latest average trade price across markets.

circulating_supply: approximate number of coins currently in circulation.

total_supply: approximate total amount of coins in existence right now (minus any coins that have been verifiably burned).

max_supply: our best approximation of the maximum amount of coins that will ever exist in the lifetime of the currency.

num_market_pairs: number of market pairs across all exchanges trading each currency.

market_cap_by_total_supply_strict: market cap by total supply.

volume_24h: rolling 24 hour adjusted trading volume.

volume_7d: rolling 24 hour adjusted trading volume.

volume_30d: rolling 24 hour adjusted trading volume.

percent_change_1h: 1 hour trading price percentage change for each currency.

percent_change_24h: 24 hour trading price percentage change for each currency.

percent_change_7d: 7 day trading price percentage change for each currency.

This endpoint is available on the following API plans:

- Basic
- Hobbyist
- Startup
- Standard
- Professional
- Enterprise

Cache / Update frequency: Every 60 seconds.

Plan credit use: 1 call credit per 200 cryptocurrencies returned (rounded up) and 1 call credit per `convert` option beyond the first.

CMC equivalent pages: Our latest cryptocurrency listing and ranking pages like coinmarketcap.com/all/views/all/, coinmarketcap.com/tokens/, coinmarketcap.com/gainers-losers/, coinmarketcap.com/new/.

NOTE: Use this endpoint if you need a sorted and paginated list of all cryptocurrencies. If you want to query for market data on a few specific cryptocurrencies use /v1/cryptocurrency/quotes/latest which is optimized for that purpose. The response data between these endpoints is otherwise the same.

PARAMETERS

Query Parameters ⑦

start   integer   >= 1
                               Default: 1

                               Optionally offset the start (1-based index) of the paginated list of items to return.

🔍

Key / Key Info

price_max   number   [0 .. 100000000000000000]
                               Optionally specify a threshold of maximum USD price to filter results by.

market_cap_min   number   [0 .. 100000000000000000]
                               Optionally specify a threshold of minimum market cap to filter results by.

market_cap_max   number   [0 .. 100000000000000000]
                               Optionally specify a threshold of maximum market cap to filter results by.

volume_24h_min   number   [0 .. 100000000000000000]
                               Optionally specify a threshold of minimum 24 hour USD volume to filter results by.

volume_24h_max   number   [0 .. 100000000000000000]
                               Optionally specify a threshold of maximum 24 hour USD volume to filter results by.

circulating_supply_min   number   [0 .. 100000000000000000]
                               Optionally specify a threshold of minimum circulating supply to filter results by.

circulating_supply_max   number   [0 .. 100000000000000000]
                               Optionally specify a threshold of maximum circulating supply to filter results by.

percent_change_24h_min   number   >= -100
                               Optionally specify a threshold of minimum 24 hour percent change to filter results by.

percent_change_24h_max   number   >= -100
                               Optionally specify a threshold of maximum 24 hour percent change to filter results by.

convert   string
                               Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of cryptocu
                               own "quote" object.

convert_id   string
                               Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to `convert` c

sort   string
                               Default: "market_cap"

                               Valid values: "name" "symbol" "date_added" "market_cap" "market_cap_strict" "price" "circu
                               "market_cap_by_total_supply_strict" "volume_7d" "volume_30d"

                               What field to sort the list of cryptocurrencies by.

sort_dir   string
                               Valid values: "asc" "desc"

                               The direction in which to order cryptocurrencies against the specified sort.

cryptocurrency_type   string
                               Default: "all"

                               Valid values: "all" "coins" "tokens"

                               The type of cryptocurrency to include.

tag   string
                               Default: "all"

                               Valid values: "all" "defi" "filesharing"

	The tag of cryptocurrency to include.
aux	string
	Default: `"num_market_pairs,cmc_rank,date_added,tags,platform,max_supply,circulating_supply,t`

🔍

Key / Key Info

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄	Array of cryptocurrency objects matching the list options.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/cryptocurrency/listings/latest

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
```

Key / Key Info

```
{
```

```
"data": [
    {
        "id": 1,
        "name": "Bitcoin",
```

Key / Key Info

```
        "max_supply": 21000000,
        "last_updated": "2018-06-02T22:51:28.209Z",
        "date_added": "2013-04-28T00:00:00.000Z",
        "tags": [
            "mineable"
        ],
        "platform": null,
        "quote": {
            "USD": {
                "price": 9283.92,
                "volume_24h": 7155680000,
                "volume_change_24h": -0.152774,
                "percent_change_1h": -0.152774,
                "percent_change_24h": 0.518894,
                "percent_change_7d": 0.986573,
                "market_cap": 852164659250.2758,
                "market_cap_dominance": 51,
                "fully_diluted_market_cap": 952835089431.14,
                "last_updated": "2018-08-09T22:53:32.000Z"
            },
            "BTC": {
                "price": 1,
                "volume_24h": 772012,
                "volume_change_24h": 0,
                "percent_change_1h": 0,
                "percent_change_24h": 0,
                "percent_change_7d": 0,
                "market_cap": 17024600,
                "market_cap_dominance": 12,
                "fully_diluted_market_cap": 952835089431.14,
                "last_updated": "2018-08-09T22:53:32.000Z"
            }
        }
    },
    {
        "id": 1027,
        "name": "Ethereum",
        "symbol": "ETH",
        "slug": "ethereum",
        "num_market_pairs": 6360,
        "circulating_supply": 16950100,
        "total_supply": 16950100,
        "max_supply": 21000000,
        "last_updated": "2018-06-02T22:51:28.209Z",
        "date_added": "2013-04-28T00:00:00.000Z",
        "tags": [
            "mineable"
        ],
        "platform": null
```

```
        "status": {
            "timestamp": "2018-06-02T22:51:28.209Z",
            "error_code": 0,
            "error_message": "",
```

🔍

Key / Key Info

Market Pairs Latest

Lists all active market pairs that CoinMarketCap tracks for a given cryptocurrency or fiat currency. All markets with this currency as the pair base *or* pair quote will be returned. The latest price and volume information is returned for each market. Use the "convert" option to return market values in multiple fiat and cryptocurrency conversions in the same call.

This endpoint is available on the following API plans:

- ~~Basic~~
- ~~Hobbyist~~
- ~~Startup~~
- Standard
- Professional
- Enterprise

Cache / Update frequency: Every 1 minute.
Plan credit use: 1 call credit per 100 market pairs returned (rounded up) and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: Our active cryptocurrency markets pages like coinmarketcap.com/currencies/bitcoin/#markets.

PARAMETERS

Query Parameters ⑦

id	string
	A cryptocurrency or fiat currency by CoinMarketCap ID to list market pairs for. Example: "1"

slug	string
	Alternatively pass a cryptocurrency by slug. Example: "bitcoin"

symbol	string
	Alternatively pass a cryptocurrency by symbol. Fiat currencies are not supported by this field. Example: "BTC". A single cryp

start	integer >= 1
	Default: 1
	Optionally offset the start (1-based index) of the paginated list of items to return.

limit	integer [1 .. 5000]
	Default: 100
	Optionally specify the number of results to return. Use this parameter and the "start" parameter to determine your own pagi

sort_dir	string
	Default: "desc"
	Valid values: "asc" "desc"
	Optionally specify the sort direction of markets returned.

sort	string
	Default: `"volume_24h_strict"`
	Valid values: `"volume_24h_strict"` `"cmc_rank"` `"cmc_rank_advanced"` `"effective_liquidity"` `"market_sco`
	Optionally specify the sort order of markets returned. By default we return a strict sort on 24 hour reported volume. Pass `cm`

🔍

	`n` to include all auxiliary fields.
matched_id	string
	Optionally include one or more fiat or cryptocurrency IDs to filter market pairs by. For example `?id=1&matched_id=2781`
	parameter cannot be used when `matched_symbol` is used.
matched_symbol	string
	Optionally include one or more fiat or cryptocurrency symbols to filter market pairs by. For example `?symbol=BTC&matche`
	"USD/BTC". This parameter cannot be used when `matched_id` is used.
category	string
	Default: `"all"`
	Valid values: `"all"` `"spot"` `"derivatives"` `"otc"` `"perpetual"`
	The category of trading this market falls under. Spot markets are the most common but options include derivatives and OTC
fee_type	string
	Default: `"all"`
	Valid values: `"all"` `"percentage"` `"no-fees"` `"transactional-mining"` `"unknown"`
	The fee type the exchange enforces for this market.
convert	string
	Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of cryptocurrency or
	additional call credit. A list of supported fiat options can be found here. Each conversion is returned in its own "quote" objec
convert_id	string
	Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to `convert` outside of
	This parameter cannot be used when `convert` is used.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄	Results of your query returned as an object.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

🔍

Key / Key Info

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
```

Key / Key Info

```
"data": {
    "id": 1,
    "name": "Bitcoin",
    "symbol": "BTC",
```

🔍

Key / Key Info

```
                    "slug": "bitmex"
                },
                "market_id": 4902,
                "market_pair": "BTC/USD",
                "category": "derivatives",
                "fee_type": "no-fees",
                "market_pair_base": {
                    "currency_id": 1,
                    "currency_symbol": "BTC",
                    "exchange_symbol": "XBT",
                    "currency_type": "cryptocurrency"
                },
                "market_pair_quote": {
                    "currency_id": 2781,
                    "currency_symbol": "USD",
                    "exchange_symbol": "USD",
                    "currency_type": "fiat"
                },
                "quote": {
                    "exchange_reported": {
                        "price": 7839,
                        "volume_24h_base": 434215.85308502,
                        "volume_24h_quote": 3403818072.33347,
                        "last_updated": "2019-05-24T02:39:00.000Z"
                    },
                    "USD": {
                        "price": 7839,
                        "volume_24h": 3403818072.33347,
                        "last_updated": "2019-05-24T02:39:00.000Z"
                    }
                }
            },
            {
                "exchange": {
                    "id": 108,
                    "name": "Negocie Coins",
                    "slug": "negocie-coins"
                },
                "market_id": 3377,
                "market_pair": "BTC/BRL",
                "category": "spot",
                "fee_type": "percentage",
                "market_pair_base": {
                    "currency_id": 1,
                    "currency_symbol": "BTC",
                    "exchange_symbol": "BTC",
                    "currency_type": "cryptocurrency"
                },
                "market_pair_quote": {
```

```
        "status": {
            "timestamp": "2021-11-27T09:02:02.177Z",
            "error_code": 0,
            "error_message": "",
```

🔍

Key / Key Info

OHLCV Historical

Returns historical OHLCV (Open, High, Low, Close, Volume) data along with market cap for any cryptocurrency using time interval parameters. Currently daily and hourly OHLCV periods are supported. Volume is only supported with daily periods at this time.

Technical Notes

- Only the date portion of the timestamp is used for daily OHLCV so it's recommended to send an ISO date format like "2018-09-19" without time for this "time_period".
- One OHLCV quote will be returned for every "time_period" between your "time_start" (exclusive) and "time_end" (inclusive).
- If a "time_start" is not supplied, the "time_period" will be calculated in reverse from "time_end" using the "count" parameter which defaults to 10 results.
- If "time_end" is not supplied, it defaults to the current time.
- If you don't need every "time_period" between your dates you may adjust the frequency that "time_period" is sampled using the "interval" parameter. For example with "time_period" set to "daily" you may set "interval" to "2d" to get the daily OHLCV for every other day. You could set "interval" to "monthly" to get the first daily OHLCV for each month, or set it to "yearly" to get the daily OHLCV value against the same date every year.

Implementation Tips

- If querying for a specific OHLCV date your "time_start" should specify a timestamp of 1 interval prior as "time_start" is an exclusive time parameter (as opposed to "time_end" which is inclusive to the search). This means that when you pass a "time_start" results will be returned for the *next* complete "time_period". For example, if you are querying for a daily OHLCV datapoint for 2018-11-30 your "time_start" should be "2018-11-29".
- If only specifying a "count" parameter to return latest OHLCV periods, your "count" should be 1 number higher than the number of results you expect to receive. "Count" defines the number of "time_period" intervals queried, *not* the number of results to return, and this includes the currently active time period which is incomplete when working backwards from current time. For example, if you want the last daily OHLCV value available simply pass "count=2" to skip the incomplete active time period.
- This endpoint supports requesting multiple cryptocurrencies in the same call. Please note the API response will be wrapped in an additional object in this case.

Interval Options

There are 2 types of time interval formats that may be used for "time_period" and "interval" parameters. For "time_period" these return aggregate OHLCV data from the beginning to end of each interval period. Apply these time intervals to "interval" to adjust how frequently "time_period" is sampled.

The first are calendar year and time constants in UTC time:
"hourly" - Hour intervals in UTC.
"daily" - Calendar day intervals for each UTC day.
"weekly" - Calendar week intervals for each calendar week.
"monthly" - Calendar month intervals for each calendar month.
"yearly" - Calendar year intervals for each calendar year.

The second are relative time intervals.
"h": Get the first quote available every "h" hours (3600 second intervals). Supported hour intervals are: "1h", "2h", "3h", "4h", "6h", "12h".
"d": Time periods that repeat every "d" days (86400 second intervals). Supported day intervals are: "1d", "2d", "3d", "7d", "14d", "15d", "30d", "60d", "90d", "365d".

Please note that "time_period" currently supports the "daily" and "hourly" options. "interval" supports all interval options.

This endpoint is available on the following API plans:

- ~~Basic~~

🔍

Key / Key Info

Cache / Update frequency: Latest Daily OHLCV record is available ~5 to ~10 minutes after each midnight UTC. The latest hourly OHLCV record is available 5 minutes after each UTC hour.
Plan credit use: 1 call credit per 100 OHLCV data points returned (rounded up) and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: Our historical cryptocurrency data pages like coinmarketcap.com/currencies/bitcoin/historical-data/.

PARAMETERS

Query Parameters   ⑦

| id | string |
| | One or more comma-separated CoinMarketCap cryptocurrency IDs. Example: "1,1027" |

| slug | string |
| | Alternatively pass a comma-separated list of cryptocurrency slugs. Example: "bitcoin,ethereum" |

| symbol | string |
| | Alternatively pass one or more comma-separated cryptocurrency symbols. Example: "BTC,ETH". At least one "id" *or* "slug" *or* "symbol" is required for this request. |

time_period	string
	Default: `"daily"`
	Valid values: `"daily"` `"hourly"`
	Time period to return OHLCV data for. The default is "daily". See the main endpoint description for details.

| time_start | string |
| | Timestamp (Unix or ISO 8601) to start returning OHLCV time periods for. Only the date portion of the timestamp is used for daily OHLCV so it's recommended to send an ISO date format like "2018-09-19" without time. |

| time_end | string |
| | Timestamp (Unix or ISO 8601) to stop returning OHLCV time periods for (inclusive). Optional, if not passed we'll default to the current time. Only the date portion of the timestamp is used for daily OHLCV so it's recommended to send an ISO date format like "2018-09-19" without time. |

count	number [1 .. 10000]
	Default: `10`
	Optionally limit the number of time periods to return results for. The default is 10 items. The current query limit is 10000 items.

interval	string
	Default: `"daily"`
	Valid values: `"hourly"` `"daily"` `"weekly"` `"monthly"` `"yearly"` `"1h"` `"2h"` `"3h"` `"4h"` `"6h"` `"12h"` `"1d"` `"2d"` `"3d"` `"7d"` `"14d"` `"15d"` `"30d"` `"60d"` `"90d"` `"365d"`
	Optionally adjust the interval that "time_period" is sampled. See main endpoint description for available options.

| convert | string |
| | By default market quotes are returned in USD. Optionally calculate market quotes in up to 3 fiat currencies or cryptocurrencies. |

convert_id   string
                                              Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to
                                              `convert` outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query.
                                              This parameter cannot be used when `convert` is used.

🔍

Key / Key Info

                                              cryptocurrencies to still be returned.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄   Results of your query returned as an object.

status ⌄   Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/cryptocurrency/ohlcv/historical

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": {
        "id": 1,
```

Key / Key Info

```
                "time_high": "2019-01-02T03:53:00.000Z",
                "time_low": "2019-01-02T02:43:00.000Z",
                "quote": {
                    "USD": {
                        "open": 3849.21640853,
                        "high": 3947.9812729,
                        "low": 3817.40949569,
                        "close": 3943.40933686,
                        "volume": 5244856835.70851,
                        "market_cap": 68849856731.6738,
                        "timestamp": "2019-01-02T23:59:59.999Z"
                    }
                }
            },
            {
                "time_open": "2019-01-03T00:00:00.000Z",
                "time_close": "2019-01-03T23:59:59.999Z",
                "time_high": "2019-01-02T03:53:00.000Z",
                "time_low": "2019-01-02T02:43:00.000Z",
                "quote": {
                    "USD": {
                        "open": 3931.04863841,
                        "high": 3935.68513083,
                        "low": 3826.22287069,
                        "close": 3836.74131867,
                        "volume": 4530215218.84018,
                        "market_cap": 66994920902.7202,
                        "timestamp": "2019-01-03T23:59:59.999Z"
                    }
                }
            }
        ]
    },
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

OHLCV Latest

🔍

- Basic
- ~~Hobbyist~~
- Startup
- Standard
- Professional
- Enterprise

Cache / Update frequency: Every 5 minutes. Additional OHLCV intervals and 1 minute updates will be available in the future.
Plan credit use: 1 call credit per 100 OHLCV values returned (rounded up) and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: No equivalent, this data is only available via API.

PARAMETERS

Query Parameters ⑦

id	string
	One or more comma-separated cryptocurrency CoinMarketCap IDs. Example: 1,2
symbol	string
	Alternatively pass one or more comma-separated cryptocurrency symbols. Example: "BTC,ETH". At least one "id" *or* "symbol" is required.
convert	string
	Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of cryptocurrency or fiat currency symbols. Each additional convert option beyond the first requires an additional call credit. A list of supported fiat options can be found here. Each conversion is returned in its own "quote" object.
convert_id	string
	Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to `convert` outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query. This parameter cannot be used when `convert` is used.
skip_invalid	boolean
	Default: `false`
	Pass `true` to relax request validation rules. When requesting records on multiple cryptocurrencies an error is returned if any invalid cryptocurrencies are requested or a cryptocurrency does not have matching records in the requested timeframe. If set to true, invalid lookups will be skipped allowing valid cryptocurrencies to still be returned.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄	A map of cryptocurrency objects by ID or symbol (as passed in query parameters).

└   **status** ⌄   Standardized status object for API calls.

⌄ 400 Bad Request

🔍

Key / Key Info

⌄ 500 Internal Server Error

GET   /v1/cryptocurrency/ohlcv/latest

🔍

Key / Key Info

```
{
    "data": {
        "1": {
            "id": 1,
            "name": "Bitcoin",
            "symbol": "BTC",
            "last_updated": "2018-09-10T18:54:00.000Z",
            "time_open": "2018-09-10T00:00:00.000Z",
            "time_close": null,
            "time_high": "2018-09-10T00:00:00.000Z",
            "time_low": "2018-09-10T00:00:00.000Z",
            "quote": {
                "USD": {
                    "open": 6301.57,
                    "high": 6374.98,
                    "low": 6292.76,
                    "close": 6308.76,
                    "volume": 3786450000,
                    "last_updated": "2018-09-10T18:54:00.000Z"
                }
            }
        }
    },
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

Price Performance Stats

Returns price performance statistics for one or more cryptocurrencies including launch price ROI and all-time high / all-time low. Stats are returned for an `all_time` period by default. UTC `yesterday` and a number of *rolling time periods* may be requested using the `time_period` parameter. Utilize the `convert` parameter to translate values into multiple fiats or cryptocurrencies using historical rates.

This endpoint is available on the following API plans:

- ~~Basic~~
- ~~Hobbyist~~
- Startup
- Standard

- Professional
- Enterprise

Cache / Update frequency: Every 60 seconds.
Plan credit use: 1 call credit per 100 cryptocurrencies returned (rounded up) and 1 call credit per `convert` option beyond the first

🔍

Key / Key Info

PARAMETERS

Query Parameters ?

| id | string |
| | One or more comma-separated cryptocurrency CoinMarketCap IDs. Example: 1,2 |

| slug | string |
| | Alternatively pass a comma-separated list of cryptocurrency slugs. Example: "bitcoin,ethereum" |

| symbol | string |
| | Alternatively pass one or more comma-separated cryptocurrency symbols. Example: "BTC,ETH". At least one "id" *or* "slug" *or* "symbol" is required for this request. |

time_period	string
	Default: `"all_time"`
	Specify one or more comma-delimited time periods to return stats for. `all_time` is the default. Pass `all_time,yesterday,24h,7d,30d,90d,365d` to return all supported time periods. All rolling periods have a rolling close time of the current request time. For example `24h` would have a close time of now and an open time of 24 hours before now. *Please note:* `yesterday` *is a UTC period and currently does not currently support* `high` *and* `low` *timestamps.*

| convert | string |
| | Optionally calculate quotes in up to 120 currencies at once by passing a comma-separated list of cryptocurrency or fiat currency symbols. Each additional convert option beyond the first requires an additional call credit. A list of supported fiat options can be found here. Each conversion is returned in its own "quote" object. |

| convert_id | string |
| | Optionally calculate quotes by CoinMarketCap ID instead of symbol. This option is identical to `convert` outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query. This parameter cannot be used when `convert` is used. |

skip_invalid	boolean
	Default: `false`
	Pass `true` to relax request validation rules. When requesting records on multiple cryptocurrencies an error is returned if no match is found for 1 or more requested cryptocurrencies. If set to true, invalid lookups will be skipped allowing valid cryptocurrencies to still be returned.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

| data ⌄ | An object map of cryptocurrency objects by ID, slug, or symbol (as used in query parameters). |

status ⌄   Standardized status object for API calls.

⌄ 400 Bad Request

🔍

Key / Key Info

⌄ 500 Internal Server Error

GET   /v1/cryptocurrency/price-performance-stats/latest

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": {
        "1": {
```

```
                    "all_time": {
                        "open_timestamp": "2013-04-28T00:00:00.000Z",
                        "high_timestamp": "2017-12-17T12:19:14.000Z",
                        "low_timestamp": "2013-07-05T18:56:01.000Z",
                        "close_timestamp": "2019-08-22T01:52:18.613Z",
                        "quote": {
                            "USD": {
                                "open": 135.3000030517578,
                                "open_timestamp": "2013-04-28T00:00:00.000Z",
                                "high": 20088.99609375,
                                "high_timestamp": "2017-12-17T12:19:14.000Z",
                                "low": 65.5260009765625,
                                "low_timestamp": "2013-07-05T18:56:01.000Z",
                                "close": 65.5260009765625,
                                "close_timestamp": "2019-08-22T01:52:18.618Z",
                                "percent_change": 7223.718930042746,
                                "price_change": 9773.691932798241
                            }
                        }
                    }
                }
            }
        },
        "status": {
            "timestamp": "2021-11-27T09:02:02.177Z",
            "error_code": 0,
            "error_message": "",
            "elapsed": 10,
            "credit_count": 1
        }
    }
```

Quotes Historical

Returns an interval of historic market quotes for any cryptocurrency based on time and interval parameters.

Technical Notes

- A historic quote for every "interval" period between your "time_start" and "time_end" will be returned.
- If a "time_start" is not supplied, the "interval" will be applied in reverse from "time_end".
- If "time_end" is not supplied, it defaults to the current time.
- At each "interval" period, the historic quote that is closest in time to the requested time will be returned.
- If no historic quotes are available in a given "interval" period up until the next interval period, it will be skipped.

Implementation Tips

- Want to get the last quote of each UTC day? Don't use "interval=daily" as that returns the first quote. Instead use "interval=24h" to repeat a specific timestamp search every 24 hours and pass ex. "time_start=2019-01-04T23:59:00.000Z" to query for the last record of each UTC day.

🔍

Key / Key Info

The first are calendar year and time constants in UTC time:

"hourly" - Get the first quote available at the beginning of each calendar hour.

"daily" - Get the first quote available at the beginning of each calendar day.

"weekly" - Get the first quote available at the beginning of each calendar week.

"monthly" - Get the first quote available at the beginning of each calendar month.

"yearly" - Get the first quote available at the beginning of each calendar year.

The second are relative time intervals.

"m": Get the first quote available every "m" minutes (60 second intervals). Supported minutes are: "5m", "10m", "15m", "30m", "45m".

"h": Get the first quote available every "h" hours (3600 second intervals). Supported hour intervals are: "1h", "2h", "3h", "4h", "6h", "12h".

"d": Get the first quote available every "d" days (86400 second intervals). Supported day intervals are: "1d", "2d", "3d", "7d", "14d", "15d", "30d", "60d", "90d", "365d".

This endpoint is available on the following API plans:

- ~~Basic~~
- ~~Hobbyist~~
- ~~Startup~~
- Standard (3 month)
- Professional (12 months)
- Enterprise (Up to 6 years)

Cache / Update frequency: Every 5 minutes.

Plan credit use: 1 call credit per 100 historical data points returned (rounded up) and 1 call credit per `convert` option beyond the first.

CMC equivalent pages: Our historical cryptocurrency charts like coinmarketcap.com/currencies/bitcoin/#charts.

PARAMETERS

Query Parameters ⑦

id	string
	One or more comma-separated CoinMarketCap cryptocurrency IDs. Example: "1,2"
symbol	string
	Alternatively pass one or more comma-separated cryptocurrency symbols. Example: "BTC,ETH". At least one "id" *or* "symbol" is required for this request.
time_start	string
	Timestamp (Unix or ISO 8601) to start returning quotes for. Optional, if not passed, we'll return quotes calculated in reverse from "time_end".
time_end	string
	Timestamp (Unix or ISO 8601) to stop returning quotes for (inclusive). Optional, if not passed, we'll default to the current time. If no "time_start" is passed, we return quotes in reverse order starting from this time.
count	number [1 .. 10000]
	Default: `10`
	The number of interval periods to return results for. Optional, required if both "time_start" and "time_end" aren't supplied. The default is 10 items. The current query limit is 10000.
interval	string
	Default: `"5m"`
	Valid values: `"yearly"` `"monthly"` `"weekly"` `"daily"` `"hourly"` `"5m"` `"10m"` `"15m"` `"30m"`

`"45m"` `"1h"` `"2h"` `"3h"` `"4h"` `"6h"` `"12h"` `"24h"` `"1d"` `"2d"` `"3d"` `"7d"` `"14d"` `"15d"` `"30d"` `"60d"` `"90d"` `"365d"`

Interval of time to return data points for. See details in endpoint description.

🔍

Key / Key Info

`convert` outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query. This parameter cannot be used when `convert` is used.

aux	string
	Default: `"price,volume,market_cap,quote_timestamp,is_active,is_fiat"`
	Optionally specify a comma-separated list of supplemental data fields to return. Pass `price,volume,market_cap,quote_timestamp,is_active,is_fiat,search_interval` to include all auxiliary fields.

skip_invalid	boolean
	Default: `false`
	Pass `true` to relax request validation rules. When requesting records on multiple cryptocurrencies an error is returned if no match is found for 1 or more requested cryptocurrencies. If set to true, invalid lookups will be skipped allowing valid cryptocurrencies to still be returned.

Responses

∧ 200 Successful

RESPONSE SCHEMA

data ∨	Results of your query returned as an object map.
status ∨	Standardized status object for API calls.

∨ 400 Bad Request

∨ 401 Unauthorized

∨ 403 Forbidden

∨ 429 Too Many Requests

∨ 500 Internal Server Error

GET   /v1/cryptocurrency/quotes/historical

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": {
        "id": 1,
```

```
                "timestamp": "2018-06-22T19:29:37.000Z",
                "quote": {
                    "USD": {
                        "price": 6242.29,
                        "volume_24h": 4681670000,
                        "market_cap": 106800038746.48,
                        "timestamp": "2018-06-22T19:29:37.000Z"
                    }
                }
            },
            {
                "timestamp": "2018-06-22T19:34:33.000Z",
                "quote": {
                    "USD": {
                        "price": 6242.82,
                        "volume_24h": 4682330000,
                        "market_cap": 106809106575.84,
                        "timestamp": "2018-06-22T19:34:33.000Z"
                    }
                }
            }
        ]
    },
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

Quotes Latest

Returns the latest market quote for 1 or more cryptocurrencies. Use the "convert" option to return market values in multiple fiat and cryptocurrency conversions in the same call.

This endpoint is available on the following API plans:

- Basic
- Startup
- Hobbyist
- Standard
- Professional

- Enterprise

Cache / Update frequency: Every 60 seconds.
Plan credit use: 1 call credit per 100 cryptocurrencies returned (rounded up) and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: Latest market data pages for specific cryptocurrencies like coinmarketcap.com/currencies/bitcoin/

🔍

PARAMETERS

Query Parameters ?

id	string
	One or more comma-separated cryptocurrency CoinMarketCap IDs. Example: 1,2
slug	string
	Alternatively pass a comma-separated list of cryptocurrency slugs. Example: "bitcoin,ethereum"
symbol	string
	Alternatively pass one or more comma-separated cryptocurrency symbols. Example: "BTC,ETH". At least one "id" *or* "slug" *or* "sy
convert	string
	Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of cryptocurrency or fiat cu conversion is returned in its own "quote" object.
convert_id	string
	Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to `convert` outside of ID fo
aux	string
	Default: `"num_market_pairs,cmc_rank,date_added,tags,platform,max_supply,circulating_supply,total_supply`
	Optionally specify a comma-separated list of supplemental data fields to return. Pass
	`num_market_pairs,cmc_rank,date_added,tags,platform,max_supply,circulating_supply,total_supply,ma`
	`t` to include all auxiliary fields.
skip_invalid	boolean
	Default: `false`
	Pass `true` to relax request validation rules. When requesting records on multiple cryptocurrencies an error is returned if no matc

Responses

∧ 200 Successful

RESPONSE SCHEMA

data ∨	A map of cryptocurrency objects by ID, symbol, or slug (as used in query parameters).
status ∨	Standardized status object for API calls.

∨ 400 Bad Request

∨ 401 Unauthorized

∨ 403 Forbidden

∨ 429 Too Many Requests

⌄ 500 Internal Server Error

🔍

Key / Key Info

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```json
{
    "data": {
        "1": {
            "circulating_supply": 17199862,
            "total_supply": 17199862,
            "max_supply": 21000000,
            "date_added": "2013-04-28T00:00:00.000Z",
            "num_market_pairs": 331,
            "cmc_rank": 1,
            "last_updated": "2018-08-09T21:56:28.000Z",
            "tags": [
                "mineable"
            ],
            "platform": null,
            "quote": {
                "USD": {
                    "price": 6602.60701122,
                    "volume_24h": 4314444687.5194,
                    "volume_change_24h": -0.152774,
                    "percent_change_1h": 0.988615,
                    "percent_change_24h": 4.37185,
                    "percent_change_7d": -12.1352,
                    "percent_change_30d": -12.1352,
                    "market_cap": 852164659250.2758,
                    "market_cap_dominance": 51,
                    "fully_diluted_market_cap": 952835089431.14,
                    "last_updated": "2018-08-09T21:56:28.000Z"
                }
            }
        }
    },
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

Trending Gainers & Losers

Returns a paginated list of all trending cryptocurrencies, determined and sorted by the largest price gains or losses.

You may sort against any of the following:
percent_change_24h: 24 hour trading price percentage change for each currency.

This endpoint is available on the following API plans:

- Startup
- Standard
- Professional

🔍

Key / Key Info

PARAMETERS

Query Parameters ⑦

start   integer   >= 1
                               Default: 1
                               Optionally offset the start (1-based index) of the paginated list of items to return.

limit   integer   [1 .. 1000]
                               Default: 100
                               Optionally specify the number of results to return. Use this parameter and the "start" parameter to
                               determine your own pagination size.

time_period   string
                               Default: "24h"
                               Valid values: "1h" "24h" "30d" "7d"
                               Adjusts the overall window of time for the biggest gainers and losers.

convert   string
                               Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of
                               cryptocurrency or fiat currency symbols. Each additional convert option beyond the first requires an
                               additional call credit. A list of supported fiat options can be found here. Each conversion is returned in its
                               own "quote" object.

convert_id   string
                               Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to
                               `convert` outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query.
                               This parameter cannot be used when `convert` is used.

sort   string
                               Default: "percent_change_24h"
                               Valid values: "percent_change_24h"
                               What field to sort the list of cryptocurrencies by.

sort_dir   string
                               Valid values: "asc" "desc"
                               The direction in which to order cryptocurrencies against the specified sort.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄   Array of cryptocurrency objects matching the list options.

🔍

Key / Key Info

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/cryptocurrency/trending/gainers-losers

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
```

🔍

Key / Key Info

```
        "data": [
            {
                "id": 1,
                "name": "Bitcoin",
```

🔍

Key / Key Info

```
                "max_supply": 21000000,
                "last_updated": "2018-06-02T22:51:28.209Z",
                "date_added": "2013-04-28T00:00:00.000Z",
                "tags": [
                    "mineable"
                ],
                "platform": null,
                "quote": {
                    "USD": {
                        "price": 9283.92,
                        "volume_24h": 7155680000,
                        "percent_change_1h": -0.152774,
                        "percent_change_24h": 0.518894,
                        "percent_change_7d": 0.986573,
                        "market_cap": 158055024432,
                        "last_updated": "2018-08-09T22:53:32.000Z"
                    },
                    "BTC": {
                        "price": 1,
                        "volume_24h": 772012,
                        "percent_change_1h": 0,
                        "percent_change_24h": 0,
                        "percent_change_7d": 0,
                        "market_cap": 17024600,
                        "last_updated": "2018-08-09T22:53:32.000Z"
                    }
                }
            },
            {
                "id": 1027,
                "name": "Ethereum",
                "symbol": "ETH",
                "slug": "ethereum",
                "num_market_pairs": 6360,
                "circulating_supply": 16950100,
                "total_supply": 16950100,
                "max_supply": 21000000,
                "last_updated": "2018-06-02T22:51:28.209Z",
                "date_added": "2013-04-28T00:00:00.000Z",
                "tags": [
                    "mineable"
                ],
                "platform": null,
                "quote": {
                    "USD": {
                        "price": 1283.92,
                        "volume_24h": 7155680000,
                        "percent_change_1h": -0.152774,
                        "percent_change_24h": 0.518894
```

```
      "status": {
          "timestamp": "2018-06-02T22:51:28.209Z",
          "error_code": 0,
          "error_message": "",
```

🔍

Key / Key Info

Trending Latest

Returns a paginated list of all trending cryptocurrency market data, determined and sorted by CoinMarketCap search volume.

This endpoint is available on the following API plans:

- Startup
- Standard
- Professional
- Enterprise

Cache / Update frequency: Every 10 minutes.
Plan credit use: 1 call credit per 200 cryptocurrencies returned (rounded up) and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: Our cryptocurrency Trending page coinmarketcap.com/trending-cryptocurrencies/.

PARAMETERS

Query Parameters ⑦

start	integer >= 1
	Default: `1`
	Optionally offset the start (1-based index) of the paginated list of items to return.
limit	integer [1 .. 1000]
	Default: `100`
	Optionally specify the number of results to return. Use this parameter and the "start" parameter to determine your own pagination size.
time_period	string
	Default: `"24h"`
	Valid values: `"24h"` `"30d"` `"7d"`
	Adjusts the overall window of time for the latest trending coins.
convert	string
	Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of cryptocurrency or fiat currency symbols. Each additional convert option beyond the first requires an additional call credit. A list of supported fiat options can be found here. Each conversion is returned in its own "quote" object.
convert_id	string
	Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to `convert` outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query. This parameter cannot be used when `convert` is used.

Responses

🔍

Key / Key Info

data ⌄	Array of cryptocurrency objects matching the list options.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/cryptocurrency/trending/latest

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
```

🔍

Key / Key Info

```
            "data": [
                {
                    "id": 1,
                    "name": "Bitcoin",
```

🔍

Key / Key Info

```
                    "max_supply": 21000000,
                    "last_updated": "2018-06-02T22:51:28.209Z",
                    "date_added": "2013-04-28T00:00:00.000Z",
                    "tags": [
                        "mineable"
                    ],
                    "platform": null,
                    "quote": {
                        "USD": {
                            "price": 9283.92,
                            "volume_24h": 7155680000,
                            "percent_change_1h": -0.152774,
                            "percent_change_24h": 0.518894,
                            "percent_change_7d": 0.986573,
                            "market_cap": 158055024432,
                            "last_updated": "2018-08-09T22:53:32.000Z"
                        },
                        "BTC": {
                            "price": 1,
                            "volume_24h": 772012,
                            "percent_change_1h": 0,
                            "percent_change_24h": 0,
                            "percent_change_7d": 0,
                            "market_cap": 17024600,
                            "last_updated": "2018-08-09T22:53:32.000Z"
                        }
                    }
                },
                {
                    "id": 1027,
                    "name": "Ethereum",
                    "symbol": "ETH",
                    "slug": "ethereum",
                    "num_market_pairs": 6360,
                    "circulating_supply": 16950100,
                    "total_supply": 16950100,
                    "max_supply": 21000000,
                    "last_updated": "2018-06-02T22:51:28.209Z",
                    "date_added": "2013-04-28T00:00:00.000Z",
                    "tags": [
                        "mineable"
                    ],
                    "platform": null,
                    "quote": {
                        "USD": {
                            "price": 1283.92,
                            "volume_24h": 7155680000,
                            "percent_change_1h": -0.152774,
                            "percent_change_24h": 0.518894
```

```
"status": {
    "timestamp": "2018-06-02T22:51:28.209Z",
    "error_code": 0,
    "error_message": "",
```

🔍

Key / Key Info

Trending Most Visited

Returns a paginated list of all trending cryptocurrency market data, determined and sorted by traffic to coin detail pages.

This endpoint is available on the following API plans:

- Startup
- Standard
- Professional
- Enterprise

Cache / Update frequency: Every 10 minutes.
Plan credit use: 1 call credit per 200 cryptocurrencies returned (rounded up) and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: The CoinMarketCap "Most Visited" trending list. coinmarketcap.com/most-viewed-pages/.

PARAMETERS

Query Parameters (?)

start	integer >= 1
	Default: `1`
	Optionally offset the start (1-based index) of the paginated list of items to return.

limit	integer [1 .. 1000]
	Default: `100`
	Optionally specify the number of results to return. Use this parameter and the "start" parameter to determine your own pagination size.

time_period	string
	Default: `"24h"`
	Valid values: `"24h"` `"30d"` `"7d"`
	Adjusts the overall window of time for most visited currencies.

convert	string
	Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of cryptocurrency or fiat currency symbols. Each additional convert option beyond the first requires an additional call credit. A list of supported fiat options can be found here. Each conversion is returned in its own "quote" object.

convert_id	string
	Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to `convert` outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query. This parameter cannot be used when `convert` is used.

Responses

Key / Key Info

data ⌄	Array of cryptocurrency objects matching the list options.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/cryptocurrency/trending/most-visited

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
```

Key / Key Info

```
{
```

```json
        "data": [
            {
                "id": 1,
                "name": "Bitcoin",
```

🔍

Key / Key Info

```json
                "max_supply": 21000000,
                "last_updated": "2018-06-02T22:51:28.209Z",
                "date_added": "2013-04-28T00:00:00.000Z",
                "tags": [
                    "mineable"
                ],
                "platform": null,
                "quote": {
                    "USD": {
                        "price": 9283.92,
                        "volume_24h": 7155680000,
                        "percent_change_1h": -0.152774,
                        "percent_change_24h": 0.518894,
                        "percent_change_7d": 0.986573,
                        "market_cap": 158055024432,
                        "last_updated": "2018-08-09T22:53:32.000Z"
                    },
                    "BTC": {
                        "price": 1,
                        "volume_24h": 772012,
                        "percent_change_1h": 0,
                        "percent_change_24h": 0,
                        "percent_change_7d": 0,
                        "market_cap": 17024600,
                        "last_updated": "2018-08-09T22:53:32.000Z"
                    }
                }
            },
            {
                "id": 1027,
                "name": "Ethereum",
                "symbol": "ETH",
                "slug": "ethereum",
                "num_market_pairs": 6360,
                "circulating_supply": 16950100,
                "total_supply": 16950100,
                "max_supply": 21000000,
                "last_updated": "2018-06-02T22:51:28.209Z",
                "date_added": "2013-04-28T00:00:00.000Z",
                "tags": [
                    "mineable"
                ],
                "platform": null,
                "quote": {
                    "USD": {
                        "price": 1283.92,
                        "volume_24h": 7155680000,
                        "percent_change_1h": -0.152774,
                        "percent_change_24h": 0.518894
```

```
        "status": {
            "timestamp": "2018-06-02T22:51:28.209Z",
            "error_code": 0,
            "error_message": "",
```

🔍

Key / Key Info

Fiat

API endpoints for fiat currencies. This category currently includes 1 endpoint:

- /v1/fiat/map - CoinMarketCap ID map

CoinMarketCap ID Map

Returns a mapping of all supported fiat currencies to unique CoinMarketCap ids. Per our Best Practices we recommend utilizing CMC ID instead of currency symbols to securely identify assets with our other endpoints and in your own application logic.

This endpoint is available on the following API plans:

- Basic
- Hobbyist
- Startup
- Standard
- Professional
- Enterprise

Cache / Update frequency: Mapping data is updated only as needed, every 30 seconds.
Plan credit use: 1 API call credit per request no matter query size.
CMC equivalent pages: No equivalent, this data is only available via API.

PARAMETERS

Query Parameters ⓘ

start	integer >= 1
	Default: `1`
	Optionally offset the start (1-based index) of the paginated list of items to return.
limit	integer [1 .. 5000]
	Optionally specify the number of results to return. Use this parameter and the "start" parameter to determine your own pagination size.
sort	string
	Default: `"id"`
	Valid values: `"name"` `"id"`
	What field to sort the list by.
include_metals	boolean
	Default: `false`

Pass `true` to include precious metals.

🔍

Key / Key Info

data ⌄   Array of fiat object results.

status ⌄   Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/fiat/map

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": [
        {
```

🔍

Key / Key Info

```
            "id": 2787,
            "name": "Chinese Yuan",
            "sign": "¥",
            "symbol": "CNY"
        },
        {
            "id": 2781,
            "name": "South Korean Won",
            "sign": "₩",
            "symbol": "KRW"
        }
    ],
    "status": {
        "timestamp": "2020-01-07T22:51:28.209Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 3,
        "credit_count": 1
    }
}
```

Exchange

API endpoints for cryptocurrency exchanges. This category currently includes 7 endpoints:

- /v1/exchange/map - CoinMarketCap ID map
- /v1/exchange/info - Metadata
- /v1/exchange/listings/latest - Latest listings
- /v1/exchange/listings/historical - Historical listings
- /v1/exchange/quotes/latest - Latest quotes
- /v1/exchange/quotes/historical - Historical quotes
- /v1/exchange/market-pairs/latest - Latest market pairs

Metadata

Returns all static metadata for one or more exchanges. This information includes details like launch date, logo, official website URL, social links, and market fee documentation URL.

This endpoint is available on the following API plans:

- Basic

- Hobbyist
- Startup
- Standard
- Professional

🔍

Key / Key Info

PARAMETERS

Query Parameters ?

id	string
	One or more comma-separated CoinMarketCap cryptocurrency exchange ids. Example: "1,2"
slug	string
	Alternatively, one or more comma-separated exchange names in URL friendly shorthand "slug" format (all lowercase, spaces replaced with hyphens). Example: "binance,gdax". At least one "id" *or* "slug" is required.
aux	string
	Default: `"urls,logo,description,date_launched,notice"`
	Optionally specify a comma-separated list of supplemental data fields to return. Pass `urls,logo,description,date_launched,notice,status` to include all auxiliary fields.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄	Results of your query returned as an object map.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/exchange/info

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": {
```

🔍

Key / Key Info

```
            "description": "Launched in Jul-2017, Binance is a centralized exchange based in Malta.",
            "date_launched": "2017-07-14T00:00:00.000Z",
            "notice": null,
            "countries": [ ],
            "fiats": [
                "AED",
                "USD"
            ],
            "tags": null,
            "type": "",
            "maker_fee": 0.02,
            "taker_fee": 0.04,
            "spot_volume_usd": 66926283498.60113,
            "spot_volume_last_updated": "2021-05-06T01:20:15.451Z",
            "urls": {
                "website": [
                    "https://www.binance.com/"
                ],
                "twitter": [
                    "https://twitter.com/binance"
                ],
                "blog": [ ],
                "chat": [
                    "https://t.me/binanceexchange"
                ],
                "fee": [
                    "https://www.binance.com/fees.html"
                ]
            }
        }
    },
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

CoinMarketCap ID Map

Returns a paginated list of all active cryptocurrency exchanges by CoinMarketCap ID. We recommend using this convenience endpoint to

lookup and utilize our unique exchange `id` across all endpoints as typical exchange identifiers may change over time. As a convenience you may pass a comma-separated list of exchanges by `slug` to filter this list to only those you require or the `aux` parameter to slim down the payload.

By default this endpoint returns exchanges that have at least 1 actively tracked market. You may receive a map of all inactive cryptocurrencies

🔍

Key / Key Info

- Basic
- Hobbyist
- Startup
- Standard
- Professional
- Enterprise

Cache / Update frequency: Mapping data is updated only as needed, every 30 seconds.
Plan credit use: 1 call credit per call.
CMC equivalent pages: No equivalent, this data is only available via API.

PARAMETERS

Query Parameters ⑦

listing_status	string
	Default: `"active"`
	Only active exchanges are returned by default. Pass `inactive` to get a list of exchanges that are no longer active. Pass `untracked` to get a list of exchanges that are registered but do not currently meet methodology requirements to have active markets tracked. You may pass one or more comma-separated values.
slug	string
	Optionally pass a comma-separated list of exchange slugs (lowercase URL friendly shorthand name with spaces replaced with dashes) to return CoinMarketCap IDs for. If this option is passed, other options will be ignored.
start	integer >= 1
	Default: `1`
	Optionally offset the start (1-based index) of the paginated list of items to return.
limit	integer [1 .. 5000]
	Optionally specify the number of results to return. Use this parameter and the "start" parameter to determine your own pagination size.
sort	string
	Default: `"id"`
	Valid values: `"volume_24h"` `"id"`
	What field to sort the list of exchanges by.
aux	string
	Default: `"first_historical_data,last_historical_data,is_active"`
	Optionally specify a comma-separated list of supplemental data fields to return. Pass `first_historical_data,last_historical_data,is_active,status` to include all auxiliary fields.
crypto_id	string
	Optionally include one fiat or cryptocurrency IDs to filter market pairs by. For example `?crypto_id=1` would only return exchanges that have BTC.

Responses

🔍

Key / Key Info

data ⌄	Array of exchange object results.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/exchange/map

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": [
        {
            "id": 270,
            "name": "Binance",
            "slug": "binance",
            "is_active": 1,
            "status": "active",
            "first_historical_data": "2018-04-26T00:45:00.000Z",
            "last_historical_data": "2019-06-02T21:25:00.000Z"
        }
    ],
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

Listings Latest

- Hobbyist
- ~~Startup~~
- Standard
- Professional
- Enterprise

Cache / Update frequency: Every 1 minute.
Plan credit use: 1 call credit per 100 exchanges returned (rounded up) and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: Our latest exchange listing and ranking pages like coinmarketcap.com/rankings/exchanges/.

NOTE: Use this endpoint if you need a sorted and paginated list of exchanges. If you want to query for market data on a few specific exchanges use /v1/exchange/quotes/latest which is optimized for that purpose. The response data between these endpoints is otherwise the same.

PARAMETERS

Query Parameters ⑦

start	integer >= 1
	Default: `1`
	Optionally offset the start (1-based index) of the paginated list of items to return.
limit	integer [1 .. 5000]
	Default: `100`
	Optionally specify the number of results to return. Use this parameter and the "start" parameter to determine your own pagination size.
sort	string
	Default: `"volume_24h"`
	Valid values: `"name"` `"volume_24h"` `"volume_24h_adjusted"` `"exchange_score"`
	What field to sort the list of exchanges by.
sort_dir	string
	Valid values: `"asc"` `"desc"`
	The direction in which to order exchanges against the specified sort.
market_type	string
	Default: `"all"`
	Valid values: `"fees"` `"no_fees"` `"all"`
	The type of exchange markets to include in rankings. This field is deprecated. Please use "all" for accurate sorting.
category	string
	Default: `"all"`
	Valid values: `"all"` `"spot"` `"derivatives"` `"dex"` `"lending"`
	The category for this exchange.
aux	string
	Default: `"num_market_pairs,traffic_score,rank,exchange_score,effective_liquidity_24h"`
	Optionally specify a comma-separated list of supplemental data fields to return. Pass `num_market_pairs,traffic_score,rank,exchange_score,effective_liquidity_24h,date_launched,fiats` to include all auxiliary fields.

convert   string
                 Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of cryptocurrency or fiat
                 currency symbols. Each additional convert option beyond the first requires an additional call credit. A list of supported fiat
                 options can be found here. Each conversion is returned in its own "quote" object.

🔍

Key / Key Info

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄   Array of exchange objects matching the list options.

status ⌄   Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/exchange/listings/latest

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
```

Key / Key Info

```
{
```

```
        "data": [
            {
                "id": 270,
                "name": "Binance",
```

Key / Key Info

```
                "traffic_score": 1000,
                "rank": 1,
                "exchange_score": 9.8028,
                "liquidity_score": 9.8028,
                "last_updated": "2018-11-08T22:18:00.000Z",
                "quote": {
                    "USD": {
                        "volume_24h": 769291636.239632,
                        "volume_24h_adjusted": 769291636.239632,
                        "volume_7d": 3666423776,
                        "volume_30d": 21338299776,
                        "percent_change_volume_24h": -11.6153,
                        "percent_change_volume_7d": 67.2055,
                        "percent_change_volume_30d": 0.00169339,
                        "effective_liquidity_24h": 629.9774,
                        "derivative_volume_usd": 62828618628.85901,
                        "spot_volume_usd": 39682580614.8572
                    }
                }
            },
            {
                "id": 294,
                "name": "OKEx",
                "slug": "okex",
                "num_market_pairs": 385,
                "fiats": [
                    "AED",
                    "USD"
                ],
                "traffic_score": 845.1565,
                "rank": 1,
                "exchange_score": 7.0815,
                "liquidity_score": 9.8028,
                "last_updated": "2018-11-08T22:18:00.000Z",
                "quote": {
                    "USD": {
                        "volume_24h": 677439315.721563,
                        "volume_24h_adjusted": 677439315.721563,
                        "volume_7d": 3506137120,
                        "volume_30d": 14418225072,
                        "percent_change_volume_24h": -13.9256,
                        "percent_change_volume_7d": 60.0461,
                        "percent_change_volume_30d": 67.2225,
                        "effective_liquidity_24h": 629.9774,
                        "derivative_volume_usd": 62828618628.85901,
                        "spot_volume_usd": 39682580614.8572
                    }
                }
            }
```

```
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
```

🔍

Key / Key Info

Market Pairs Latest

Returns all active market pairs that CoinMarketCap tracks for a given exchange. The latest price and volume information is returned for each market. Use the "convert" option to return market values in multiple fiat and cryptocurrency conversions in the same call.'

This endpoint is available on the following API plans:

- ~~Basic~~
- ~~Hobbyist~~
- ~~Startup~~
- Standard
- Professional
- Enterprise

Cache / Update frequency: Every 60 seconds.
Plan credit use: 1 call credit per 100 market pairs returned (rounded up) and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: Our exchange level active markets pages like coinmarketcap.com/exchanges/binance/.

PARAMETERS

Query Parameters ⑦

id	string
	A CoinMarketCap exchange ID. Example: "1"
slug	string
	Alternatively pass an exchange "slug" (URL friendly all lowercase shorthand version of name with spaces replaced with hypl
start	integer >= 1
	Default: 1
	Optionally offset the start (1-based index) of the paginated list of items to return.
limit	integer [1 .. 5000]
	Default: 100
	Optionally specify the number of results to return. Use this parameter and the "start" parameter to determine your own pagi
aux	string
	Default: `num_market_pairs,category,fee_type`
	Optionally specify a comma-separated list of supplemental data fields to return. Pass
	`num_market_pairs,category,fee_type,market_url,currency_name,currency_slug,price_quote,effect`
	`n` to include all auxiliary fields.
matched_id	string
	Optionally include one or more comma-delimited fiat or cryptocurrency IDs to filter market pairs by. For example `?matched`
	"BTC/USD" or "USD/BTC" for the requested exchange. This parameter cannot be used when `matched_symbol` is used.

matched_symbol   string

Optionally include one or more comma-delimited fiat or cryptocurrency symbols to filter market pairs by. For example `?mat`
matched: "BTC/USD" or "USD/BTC" for the requested exchange. This parameter cannot be used when `matched_id` is us

🔍

Key / Key Info

Default: `"all"`

Valid values: `"all"` `"percentage"` `"no-fees"` `"transactional-mining"` `"unknown"`

The fee type the exchange enforces for this market.

convert   string

Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of cryptocurrency or
beyond the first requires an additional call credit. A list of supported fiat options can be found here. Each conversion is retur

convert_id   string

Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to `convert` outside of
convert=BTC,USD in your query. This parameter cannot be used when `convert` is used.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄	Results of your query returned as an object.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/exchange/market-pairs/latest

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
```

Key / Key Info

```
{
```

```
            "data": {
                "id": 270,
                "name": "Binance",
                "slug": "binance",
```

🔍

Key / Key Info

```
                        "category": "spot",
                        "fee_type": "percentage",
                        "outlier_detected": 0,
                        "exclusions": null,
                        "market_pair_base": {
                            "currency_id": 1,
                            "currency_symbol": "BTC",
                            "exchange_symbol": "BTC",
                            "currency_type": "cryptocurrency"
                        },
                        "market_pair_quote": {
                            "currency_id": 825,
                            "currency_symbol": "USDT",
                            "exchange_symbol": "USDT",
                            "currency_type": "cryptocurrency"
                        },
                        "quote": {
                            "exchange_reported": {
                                "price": 7901.83,
                                "volume_24h_base": 47251.3345550653,
                                "volume_24h_quote": 373372012.927251,
                                "volume_percentage": 19.4346563602467,
                                "last_updated": "2019-05-24T01:40:10.000Z"
                            },
                            "USD": {
                                "price": 7933.66233493434,
                                "volume_24h": 374876133.234903,
                                "depth_negative_two": 40654.68019906,
                                "depth_positive_two": 17352.9964811,
                                "last_updated": "2019-05-24T01:40:10.000Z"
                            }
                        }
                    },
                    {
                        "market_id": 36329,
                        "market_pair": "MATIC/BTC",
                        "category": "spot",
                        "fee_type": "percentage",
                        "outlier_detected": 0,
                        "exclusions": null,
                        "market_pair_base": {
                            "currency_id": 3890,
                            "currency_symbol": "MATIC",
                            "exchange_symbol": "MATIC",
                            "currency_type": "cryptocurrency"
                        },
                        "market_pair_quote": {
                            "currency_id": 1,
                            "currency_symbol": "BTC",
```

```
        "status": {
            "timestamp": "2021-11-27T09:02:02.177Z",
            "error_code": 0,
            "error_message": "",
```

🔍

Key / Key Info

Quotes Historical

Returns an interval of historic quotes for any exchange based on time and interval parameters.

Technical Notes

- A historic quote for every "interval" period between your "time_start" and "time_end" will be returned.
- If a "time_start" is not supplied, the "interval" will be applied in reverse from "time_end".
- If "time_end" is not supplied, it defaults to the current time.
- At each "interval" period, the historic quote that is closest in time to the requested time will be returned.
- If no historic quotes are available in a given "interval" period up until the next interval period, it will be skipped.
- This endpoint supports requesting multiple exchanges in the same call. Please note the API response will be wrapped in an additional object in this case.

Interval Options
There are 2 types of time interval formats that may be used for "interval".

The first are calendar year and time constants in UTC time:
"hourly" - Get the first quote available at the beginning of each calendar hour.
"daily" - Get the first quote available at the beginning of each calendar day.
"weekly" - Get the first quote available at the beginning of each calendar week.
"monthly" - Get the first quote available at the beginning of each calendar month.
"yearly" - Get the first quote available at the beginning of each calendar year.

The second are relative time intervals.
"m": Get the first quote available every "m" minutes (60 second intervals). Supported minutes are: "5m", "10m", "15m", "30m", "45m".
"h": Get the first quote available every "h" hours (3600 second intervals). Supported hour intervals are: "1h", "2h", "3h", "4h", "6h", "12h".
"d": Get the first quote available every "d" days (86400 second intervals). Supported day intervals are: "1d", "2d", "3d", "7d", "14d", "15d", "30d", "60d", "90d", "365d".

This endpoint is available on the following API plans:

- ~~Basic~~
- ~~Hobbyist~~
- ~~Startup~~
- Standard (3 months)
- Professional (Up to 12 months)
- Enterprise (Up to 6 years)

Note: You may use the /exchange/map endpoint to receive a list of earliest historical dates that may be fetched for each exchange as `first_historical_data`. This timestamp will either be the date CoinMarketCap first started tracking the exchange or 2018-04-26T00:45:00.000Z, the earliest date this type of historical data is available for.

Cache / Update frequency: Every 5 minutes.
Plan credit use: 1 call credit per 100 historical data points returned (rounded up) and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: No equivalent, this data is only available via API outside of our volume sparkline charts in coinmarketcap.com/rankings/exchanges/.

PARAMETERS

Key / Key Info

lowercase, spaces replaced with hyphens). Example: "binance,kraken". At least one "id" *or* "slug" is required.

time_start	string Timestamp (Unix or ISO 8601) to start returning quotes for. Optional, if not passed, we'll return quotes calculated in reverse from "time_end".
time_end	string Timestamp (Unix or ISO 8601) to stop returning quotes for (inclusive). Optional, if not passed, we'll default to the current time. If no "time_start" is passed, we return quotes in reverse order starting from this time.
count	number [1 .. 10000] Default: 10 The number of interval periods to return results for. Optional, required if both "time_start" and "time_end" aren't supplied. The default is 10 items. The current query limit is 10000.
interval	string Default: "5m" Valid values: "yearly" "monthly" "weekly" "daily" "hourly" "5m" "10m" "15m" "30m" "45m" "1h" "2h" "3h" "4h" "6h" "12h" "24h" "1d" "2d" "3d" "7d" "14d" "15d" "30d" "60d" "90d" "365d" Interval of time to return data points for. See details in endpoint description.
convert	string By default market quotes are returned in USD. Optionally calculate market quotes in up to 3 other fiat currencies or cryptocurrencies.
convert_id	string Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to convert outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query. This parameter cannot be used when convert is used.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄	Results of your query returned as an object map.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

🔍

Key / Key Info

GET   /v1/exchange/quotes/historical

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": {
        "id": 270,
```

```
                    "USD": {
                        "volume_24h": 1632390000,
                        "timestamp": "2018-06-03T00:00:00.000Z"
                    }
                },
                "num_market_pairs": 338
            },
            {
                "timestamp": "2018-06-10T00:00:00.000Z",
                "quote": {
                    "USD": {
                        "volume_24h": 1034720000,
                        "timestamp": "2018-06-10T00:00:00.000Z"
                    }
                },
                "num_market_pairs": 349
            },
            {
                "timestamp": "2018-06-17T00:00:00.000Z",
                "quote": {
                    "USD": {
                        "volume_24h": 883885000,
                        "timestamp": "2018-06-17T00:00:00.000Z"
                    }
                },
                "num_market_pairs": 357
            }
        ]
    },
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

Quotes Latest

Returns the latest aggregate market data for 1 or more exchanges. Use the "convert" option to return market values in multiple fiat and cryptocurrency conversions in the same call.

This endpoint is available on the following API plans:

- ~~Basic~~
- ~~Hobbyist~~
- ~~Startup~~

🔍

Key / Key Info

CMC equivalent pages: Latest market data summary for specific exchanges like coinmarketcap.com/rankings/exchanges/.

PARAMETERS

Query Parameters ⑦

id	string
	One or more comma-separated CoinMarketCap exchange IDs. Example: "1,2"
slug	string
	Alternatively, pass a comma-separated list of exchange "slugs" (URL friendly all lowercase shorthand version of name with spaces replaced with hyphens). Example: "binance,gdax". At least one "id" *or* "slug" is required.
convert	string
	Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of cryptocurrency or fiat currency symbols. Each additional convert option beyond the first requires an additional call credit. A list of supported fiat options can be found here. Each conversion is returned in its own "quote" object.
convert_id	string
	Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to `convert` outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query. This parameter cannot be used when `convert` is used.
aux	string
	Default: `"num_market_pairs,traffic_score,rank,exchange_score,liquidity_score,effective_liquidity_24h"`
	Optionally specify a comma-separated list of supplemental data fields to return. Pass `num_market_pairs,traffic_score,rank,exchange_score,liquidity_score,effective_liquidity_24h` to include all auxiliary fields.

Responses

︿ 200 Successful

RESPONSE SCHEMA

data ⌄	A map of exchange objects by ID or slugs (as used in query parameters).
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

❯ 429 Too Many Requests

❯ 500 Internal Server Error

🔍

Key / Key Info

GET   /v1/exchange/quotes/latest

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": {
        "270": {
            "id": 270,
            "name": "Binance",
            "slug": "binance",
            "num_coins": 132,
            "num_market_pairs": 385,
            "last_updated": "2018-11-08T22:11:00.000Z",
            "traffic_score": 1000,
            "rank": 1,
            "exchange_score": 9.8028,
            "liquidity_score": 9.8028,
            "quote": {
                "USD": {
                    "volume_24h": 768478308.529847,
                    "volume_24h_adjusted": 768478308.529847,
                    "volume_7d": 3666423776,
                    "volume_30d": 21338299776,
                    "percent_change_volume_24h": -11.8232,
                    "percent_change_volume_7d": 67.0306,
                    "percent_change_volume_30d": -0.0821558,
                    "effective_liquidity_24h": 629.9774
                }
            }
        }
    },
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

Global-metrics

API endpoints for global aggregate market data. This category currently includes 2 endpoints:

- /v1/global-metrics/quotes/latest - Latest global metrics
- /v1/global-metrics/quotes/historical - Historical global metrics

🔍

Key / Key Info

Returns an interval of historical global cryptocurrency market metrics based on time and interval parameters.

Technical Notes

- A historic quote for every "interval" period between your "time_start" and "time_end" will be returned.
- If a "time_start" is not supplied, the "interval" will be applied in reverse from "time_end".
- If "time_end" is not supplied, it defaults to the current time.
- At each "interval" period, the historic quote that is closest in time to the requested time will be returned.
- If no historic quotes are available in a given "interval" period up until the next interval period, it will be skipped.

Interval Options
There are 2 types of time interval formats that may be used for "interval".

The first are calendar year and time constants in UTC time:
"hourly" - Get the first quote available at the beginning of each calendar hour.
"daily" - Get the first quote available at the beginning of each calendar day.
"weekly" - Get the first quote available at the beginning of each calendar week.
"monthly" - Get the first quote available at the beginning of each calendar month.
"yearly" - Get the first quote available at the beginning of each calendar year.

The second are relative time intervals.
"m": Get the first quote available every "m" minutes (60 second intervals). Supported minutes are: "5m", "10m", "15m", "30m", "45m".
"h": Get the first quote available every "h" hours (3600 second intervals). Supported hour intervals are: "1h", "2h", "3h", "4h", "6h", "12h".
"d": Get the first quote available every "d" days (86400 second intervals). Supported day intervals are: "1d", "2d", "3d", "7d", "14d", "15d", "30d", "60d", "90d", "365d".

This endpoint is available on the following API plans:

- ~~Basic~~
- ~~Hobbyist~~
- ~~Startup~~
- Standard (3 months)
- Professional (12 months)
- Enterprise (Up to 6 years)

Cache / Update frequency: Every 5 minutes.
Plan credit use: 1 call credit per 100 historical data points returned (rounded up).
CMC equivalent pages: Our Total Market Capitalization global chart coinmarketcap.com/charts/.

PARAMETERS

Query Parameters   ?

time_start	string
	Timestamp (Unix or ISO 8601) to start returning quotes for. Optional, if not passed, we'll return quotes calculated in reverse from "t
time_end	string
	Timestamp (Unix or ISO 8601) to stop returning quotes for (inclusive). Optional, if not passed, we'll default to the current time. If no
count	number [1 .. 10000]
	Default: 10
	The number of interval periods to return results for. Optional, required if both "time_start" and "time_end" aren't supplied. The defa

interval	string
	Default: `"1d"`
	Valid values: `"yearly"` `"monthly"` `"weekly"` `"daily"` `"hourly"` `"5m"` `"10m"` `"15m"` `"30m"` `"45m"` `"1h"` `"2h"`
	Interval of time to return data points for. See details in endpoint description.

Key / Key Info

aux	string
	Default: `"btc_dominance,active_cryptocurrencies,active_exchanges,active_market_pairs,total_volume_24h,to`
	Optionally specify a comma-separated list of supplemental data fields to return. Pass
	`btc_dominance,active_cryptocurrencies,active_exchanges,active_market_pairs,total_volume_24h,total`
	`l` to include all auxiliary fields.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄	Results of your query returned as an object.
status ⌄	Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/global-metrics/quotes/historical

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
```

🔍

Key / Key Info

```
    "data": {
        "quotes": [
            {
                "timestamp": "2018-07-31T00:02:00.000Z",
```

🔍

Key / Key Info

```
                        "total_market_cap": 292863223827.394,
                        "total_volume_24h": 17692152629.7864,
                        "total_volume_24h_reported": 375179000000,
                        "altcoin_market_cap": 187589500000,
                        "altcoin_volume_24h": 375179000000,
                        "altcoin_volume_24h_reported": 375179000000,
                        "timestamp": "2018-07-31T00:02:00.000Z"
                    }
                }
            },
            {
                "timestamp": "2018-08-01T00:02:00.000Z",
                "btc_dominance": 48.0585,
                "active_cryptocurrencies": 2500,
                "active_exchanges": 600,
                "active_market_pairs": 1000,
                "quote": {
                    "USD": {
                        "total_market_cap": 277770824530.303,
                        "total_volume_24h": 15398085549.0344,
                        "total_volume_24h_reported": 375179000000,
                        "altcoin_market_cap": 187589500000,
                        "altcoin_volume_24h": 375179000000,
                        "altcoin_volume_24h_reported": 375179000000,
                        "timestamp": "2018-07-31T00:02:00.000Z"
                    }
                }
            },
            {
                "timestamp": "2018-08-02T00:02:00.000Z",
                "btc_dominance": 48.041,
                "active_cryptocurrencies": 2500,
                "active_exchanges": 600,
                "active_market_pairs": 1000,
                "quote": {
                    "USD": {
                        "total_market_cap": 273078776005.223,
                        "total_volume_24h": 14300071695.0547,
                        "total_volume_24h_reported": 375179000000,
                        "altcoin_market_cap": 187589500000,
                        "altcoin_volume_24h": 375179000000,
                        "altcoin_volume_24h_reported": 375179000000,
                        "timestamp": "2018-07-31T00:02:00.000Z"
                    }
                }
            }
        ]
    },
```

```
        "status": {
            "timestamp": "2021-11-27T09:02:02.177Z",
            "error_code": 0,
            "error_message": "",
```

🔍

Key / Key Info

Quotes Latest

Returns the latest global cryptocurrency market metrics. Use the "convert" option to return market values in multiple fiat and cryptocurrency conversions in the same call.

This endpoint is available on the following API plans:

- Basic
- Hobbyist
- Startup
- Standard
- Professional
- Enterprise

Cache / Update frequency: Every 5 minute.
Plan credit use: 1 call credit per call and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: The latest aggregate global market stats ticker across all CMC pages like coinmarketcap.com.

PARAMETERS

Query Parameters ⓘ

convert   string
                                 Optionally calculate market quotes in up to 120 currencies at once by passing a comma-separated list of
                                 cryptocurrency or fiat currency symbols. Each additional convert option beyond the first requires an
                                 additional call credit. A list of supported fiat options can be found here. Each conversion is returned in its
                                 own "quote" object.

convert_id   string
                                 Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to
                                 `convert` outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query.
                                 This parameter cannot be used when `convert` is used.

Responses

∧ 200 Successful

RESPONSE SCHEMA

data ⌄   Results object for your API call.

🔍

Key / Key Info

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/global-metrics/quotes/latest

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
```

Key / Key Info

```
{
```

```
        "data": {
            "btc_dominance": 67.0057,
            "eth_dominance": 9.02205,
            "active_cryptocurrencies": 2941,
```

🔍

Key / Key Info

```
        quote : {
                "active_cryptocurrencies": 4986,
                "total_cryptocurrencies": 9607,
                "active_market_pairs": 39670,
                "active_exchanges": 372,
                "total_exchanges": 1347,
                "eth_dominance": 16.989007016505,
                "btc_dominance": 45.002265776962,
                "eth_dominance_yesterday": 17.25405255,
                "btc_dominance_yesterday": 45.41455043,
                "eth_dominance_24h_percentage_change": -0.265045533495,
                "btc_dominance_24h_percentage_change": -0.412284653038,
                "defi_volume_24h": 20443320643.718483,
                "defi_volume_24h_reported": 20443320643.718483,
                "defi_market_cap": 131290122769.1664,
                "defi_24h_percentage_change": -17.648761478379,
                "stablecoin_volume_24h": 209258420492.51562,
                "stablecoin_volume_24h_reported": 209258420492.51562,
                "stablecoin_market_cap": 95606043432.70901,
                "stablecoin_24h_percentage_change": 2.518312658305,
                "derivatives_volume_24h": 282420341063.98895,
                "derivatives_volume_24h_reported": 282420341063.98895,
                "derivatives_24h_percentage_change": -13.893947771549,
                "quote": {
                    "USD": {
                        "total_market_cap": 2374432083905.6846,
                        "total_volume_24h": 262906061281.24,
                        "total_volume_24h_reported": 262906061281.24,
                        "altcoin_volume_24h": 195175095816.0813,
                        "altcoin_volume_24h_reported": 195175095816.0813,
                        "altcoin_market_cap": 1305883846812.9905,
                        "defi_volume_24h": 20443320643.718483,
                        "defi_volume_24h_reported": 20443320643.718483,
                        "defi_24h_percentage_change": -17.648761478379,
                        "defi_market_cap": 131290122769.1664,
                        "stablecoin_volume_24h": 209258420492.51562,
                        "stablecoin_volume_24h_reported": 209258420492.51562,
                        "stablecoin_24h_percentage_change": 2.518312658305,
                        "stablecoin_market_cap": 95606043432.70901,
                        "derivatives_volume_24h": 282420341063.98895,
                        "derivatives_volume_24h_reported": 282420341063.98895,
                        "derivatives_24h_percentage_change": -13.893947771549,
                        "last_updated": "2021-05-06T01:45:17.999Z",
                        "total_market_cap_yesterday": 2255175879567.3643,
                        "total_volume_24h_yesterday": 254911841723.5,
                        "total_market_cap_yesterday_percentage_change": 5.288111025788297,
                        "total_volume_24h_yesterday_percentage_change": 3.1360722607823135
                    }
                },
```

```
        "status": {
            "timestamp": "2021—11—27T09:02:02.177Z",
            "error_code": 0,
            "error_message": "",
```

🔍

Key / Key Info

Tools

API endpoints for convenience utilities. This category currently includes 1 endpoint:

- /v1/tools/price-conversion - Price conversion tool

Price Conversion

Convert an amount of one cryptocurrency or fiat currency into one or more different currencies utilizing the latest market rate for each currency. You may optionally pass a historical timestamp as `time` to convert values based on historical rates (as your API plan supports).

Technical Notes

- Latest market rate conversions are accurate to 1 minute of specificity. Historical conversions are accurate to 1 minute of specificity outside of non-USD fiat conversions which have 5 minute specificity.
- You may reference a current list of all supported cryptocurrencies via the cryptocurrency/map endpoint. This endpoint also returns the supported date ranges for historical conversions via the `first_historical_data` and `last_historical_data` properties.
- Conversions are supported in 93 different fiat currencies and 4 precious metals as outlined here. Historical fiat conversions are supported as far back as 2013-04-28.
- A `last_updated` timestamp is included for both your source currency and each conversion currency. This is the timestamp of the closest market rate record referenced for each currency during the conversion.

This endpoint is available on the following API plans:

- Basic (Latest market price conversions)
- Hobbyist (Latest market price conversions + 1 month historical)
- Startup (Latest market price conversions + 1 month historical)
- Standard (Latest market price conversions + 3 months historical)
- Professional (Latest market price conversions + 12 months historical)
- Enterprise (Latest market price conversions + up to 6 years historical)

Cache / Update frequency: Every 60 seconds for the lastest cryptocurrency and fiat currency rates.
Plan credit use: 1 call credit per call and 1 call credit per `convert` option beyond the first.
CMC equivalent pages: Our cryptocurrency conversion page at coinmarketcap.com/converter/.

PARAMETERS

Query Parameters ?

amount	number [1e-8 .. 1000000000000] **Required**
	An amount of currency to convert. Example: 10.43

id   string
                               The CoinMarketCap currency ID of the base cryptocurrency or fiat to convert from. Example: "1"

symbol   string

🔍

Key / Key Info

convert   string
                               Pass up to 120 comma-separated fiat or cryptocurrency symbols to convert the source amount to.

convert_id   string
                               Optionally calculate market quotes by CoinMarketCap ID instead of symbol. This option is identical to
                               `convert` outside of ID format. Ex: convert_id=1,2781 would replace convert=BTC,USD in your query.
                               This parameter cannot be used when `convert` is used.

Responses

⌃ 200 Successful

RESPONSE SCHEMA

data ⌄   Results object for your API call.

status ⌄   Standardized status object for API calls.

⌄ 400 Bad Request

⌄ 401 Unauthorized

⌄ 403 Forbidden

⌄ 429 Too Many Requests

⌄ 500 Internal Server Error

GET   /v1/tools/price-conversion

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": {
        "symbol": "BTC",
```

🔍

```
                "price": 284656.08465608465,
                "last_updated": "2018-06-06T06:00:00.000Z"
            },
            "LTC": {
                "price": 3128.7279766396537,
                "last_updated": "2018-06-06T08:04:02.000Z"
            },
            "USD": {
                "price": 381442,
                "last_updated": "2018-06-06T08:06:51.968Z"
            }
        }
    },
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

Blockchain

API endpoints for blockchain data. This category currently includes 1 endpoint:

- /v1/blockchain/statistics/latest - Latest statistics

Statistics Latest

Returns the latest blockchain statistics data for 1 or more blockchains. Bitcoin, Litecoin, and Ethereum are currently supported. Additional blockchains will be made available on a regular basis.

This endpoint is available on the following API plans:

- ~~Basic~~
- ~~Hobbyist~~
- ~~Startup~~
- ~~Standard~~
- ~~Professional~~
- Enterprise

Cache / Update frequency: Every 15 seconds.
Plan credit use: 1 call credit per request.
CMC equivalent pages: Our blockchain explorer pages like blockchain.coinmarketcap.com/.

🔍

Key / Key Info

One or more comma-separated cryptocurrency CoinMarketCap IDs to return blockchain data for. Pass `1,2,1027` to request all currently supported blockchains.

symbol   string
Alternatively pass one or more comma-separated cryptocurrency symbols. Pass `BTC,LTC,ETH` to request all currently supported blockchains.

slug   string
Alternatively pass a comma-separated list of cryptocurrency slugs. Pass `bitcoin,litecoin,ethereum` to request all currently supported blockchains.

Responses

⌃ **200 Successful**

RESPONSE SCHEMA

data ⌄   A map of blockchain objects by ID, symbol, or slug (as used in query parameters).

status ⌄   Standardized status object for API calls.

⌄ **400 Bad Request**

⌄ **401 Unauthorized**

⌄ **403 Forbidden**

⌄ **429 Too Many Requests**

⌄ **500 Internal Server Error**

GET   /v1/blockchain/statistics/latest

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```
{
    "data": {
        "BTC": {
```

🔍

Key / Key Info

```
                "hashrate_24h": "85116194130018810000",
                "pending_transactions": 1177,
                "reduction_rate": "50%",
                "total_blocks": 595165,
                "total_transactions": "455738994",
                "tps_24h": 3.808090277777778,
                "first_block_timestamp": "2009-01-09T02:54:25.000Z"
            }
    },
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

Partners

API endpoints that provide supplementary industry data from select CMC partners. This category currently includes 2 endpoints:

- /v1/partners/flipside-crypto/fcas/listings/latest - List all available FCAS scores
- /v1/partners/flipside-crypto/fcas/quotes/latest - Request specific FCAS scores

We're continuing to expand the 3rd party offerings made available in this new category. If you'd like to submit an API integration proposal you may reach out to api@coinmarketcap.com.

Disclaimer: `/partners/` *content is offered by third party organizations and is not influenced or endorsed by CoinMarketCap.*

Key

API endpoints for managing your API key. This category currently includes 1 endpoint:

- /v1/key/info - Key Info

Key Info

Returns API key details and usage stats. This endpoint can be used to programmatically monitor your key usage compared to the rate limit and daily/monthly credit limits available to your API plan. You may use the Developer Portal's account dashboard as an alternative to this endpoint.

~~This endpoint is available on the following API plans:~~

🔍

Key / Key Info

- Enterprise

Cache / Update frequency: No cache, this endpoint updates as requests are made with your key.
Plan credit use: No API credit cost. Requests to this endpoint do contribute to your minute based rate limit however.
CMC equivalent pages: Our Developer Portal dashboard for your API Key at pro.coinmarketcap.com/account.

Responses

∧ 200 Successful

RESPONSE SCHEMA

data ⌄	Details about your API key are returned in this object.
status ⌄	Standardized status object for API calls.

∨ 400 Bad Request

∨ 401 Unauthorized

∨ 403 Forbidden

∨ 429 Too Many Requests

∨ 500 Internal Server Error

GET   /v1/key/info

RESPONSE SAMPLES

200 Successful   400 Bad Request   401 Unauthorized   403 Forbidden   429 Too Many Requests   500 Internal Server Error

```json
{
    "data": {
        "plan": {
```

```json
            "rate_limit_minute": 60
        },
        "usage": {
            "current_minute": {
                "requests_made": 1,
                "requests_left": 59
            },
            "current_day": {
                "credits_used": 1,
                "credits_left": 3999
            },
            "current_month": {
                "credits_used": 1,
                "credits_left": 119999
            }
        }
    },
    "status": {
        "timestamp": "2021-11-27T09:02:02.177Z",
        "error_code": 0,
        "error_message": "",
        "elapsed": 10,
        "credit_count": 1
    }
}
```

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