

Estimize API Documentation

- API requests should be made to <http://api.estimize.com/>
- You must supply your API key in the HTTP header `X-Estimize-Key`, otherwise you will receive a 403 Forbidden response
- Responses are in JSON: you need to specify the HTTP header `Accept: application/json` or you can append `.json` to the path
- Parameters should be specified as query string parameters
- Successful responses will have a status code of 200
- Invalid requests will return a status code of 422 with a JSON object that specifies the errors as an array of strings within the `errors` property
- An estimate's `username` can change, the `analyst_id` should be used as the canonical identifier of an analyst.
- **All timestamps in the API are in [ISO 8601 format](#)**

Equity Endpoints

`/companies`

Returns the company information for all companies that Estimize covers

Required params: *none*

Optional params: *none*

Response: An array of company objects where each company has the following properties:

- `name`: The name of the company
- `ticker`: The ticker/symbol for the company

`/companies/<ticker>`

Returns the company information for the company specified with `ticker`

Required params: *none*

Optional params: *none*

Response:

- `name`: The name of the company
- `ticker`: The ticker/symbol for the company

`/companies/<ticker>/releases`

Returns the past financial releases for the specified company (by `ticker`)

Required params: *none*

Optional params: *none*

Response: An array of `release` objects where each release has the following properties:

- `id`: The unique identifier for the release
- `fiscal_year`: The fiscal year for the release
- `fiscal_quarter`: The fiscal quarter for the release
- `release_date`: The date of the release
- `eps`: The earnings per share for the specified fiscal quarter
- `revenue`: The revenue for the specified fiscal quarter
- `wallstreet_eps_estimate`: The estimated EPS from Wall Street
- `wallstreet_revenue_estimate`: The estimated revenue from Wall Street
- `consensus_eps_estimate`: The average estimated EPS by the Estimote community
- `consensus_revenue_estimate`: The average estimated revenue by the Estimote community

`/companies/<ticker>/releases/YYYY`

Returns the all financial releases for the specified company (by `ticker`) for the specified fiscal year

Required params: *none*

Optional params: *none*

Response: An array of `release` objects where each release has the following properties:

- `id`: The unique identifier for the release
- `fiscal_year`: The fiscal year for the release
- `fiscal_quarter`: The fiscal quarter for the release
- `release_date`: The date of the release
- `eps`: The earnings per share for the specified fiscal quarter
- `revenue`: The revenue for the specified fiscal quarter
- `wallstreet_eps_estimate`: The estimated EPS from Wall Street
- `wallstreet_revenue_estimate`: The estimated revenue from Wall Street
- `consensus_eps_estimate`: The average estimated EPS by the Estimize community
- `consensus_revenue_estimate`: The average estimated revenue by the Estimize community

`/companies/<ticker>/releases/YYYY/Q`

Returns the financial release for the specified company (by `ticker`) for the specified fiscal year and quarter

Required params: *none*

Optional params: *none*

Response: A single release object with the following properties:

- `id`: The unique identifier for the release
- `fiscal_year`: The fiscal year for the release
- `fiscal_quarter`: The fiscal quarter for the release
- `release_date`: The date of the release
- `eps`: The earnings per share for the specified fiscal quarter
- `revenue`: The revenue for the specified fiscal quarter
- `wallstreet_eps_estimate`: The estimated EPS from Wall Street
- `wallstreet_revenue_estimate`: The estimated revenue from Wall Street
- `consensus_eps_estimate`: The average estimated EPS by the Estimize community
- `consensus_revenue_estimate`: The average estimated revenue by the Estimize community

`/companies/<ticker>/releases/<current_quarter_delta>`

Returns the financial release for the specified company (by `ticker`) for the specified delta from the current quarter, where current quarter would be 0, previous quarter would be -1, next quarter 1, etc.

Required params: *none*

Optional params: *none*

Response: A single release object with the following properties:

- `id`: The unique identifier for the release
- `fiscal_year`: The fiscal year for the release
- `fiscal_quarter`: The fiscal quarter for the release
- `release_date`: The date of the release
- `eps`: The earnings per share for the specified fiscal quarter
- `revenue`: The revenue for the specified fiscal quarter
- `wallstreet_eps_estimate`: The estimated EPS from Wall Street
- `wallstreet_revenue_estimate`: The estimated revenue from Wall Street
- `consensus_eps_estimate`: The average estimated EPS by the Estimate community
- `consensus_revenue_estimate`: The average estimated revenue by the Estimate community

`/companies/<ticker>/estimates`

Returns all estimates for a company (specified by `ticker`)

Required params: *none*

Optional params: *none*

Returns: An array of estimate objects where each estimate has the following properties:

- `id`: The unique identifier for the estimate
- `ticker`: The ticker of the company being estimated
- `fiscal_year`: The fiscal year of the quarter being estimated
- `fiscal_quarter`: The fiscal quarter of the quarter being estimated

- `eps`: The estimated earnings per share for the company in the specified fiscal quarter
- `revenue`: The estimated revenue for the company in the specified fiscal quarter
- `username`: The author of the estimate
- `analyst_id`: The unique identifier for the author of the estimate
- `created_at`: The time that the estimate was created (UTC)

`/companies/<ticker>/estimates/YYYY`

Returns all estimates for a company (specified by `ticker`) for the specified fiscal year

Required params: *none*

Optional params: *none*

Returns: An array of `estimate` objects where each estimate has the following properties:

- `id`: The unique identifier for the estimate
- `ticker`: The ticker of the company being estimated
- `fiscal_year`: The fiscal year of the quarter being estimated
- `fiscal_quarter`: The fiscal quarter of the quarter being estimated
- `eps`: The estimated earnings per share for the company in the specified fiscal quarter
- `revenue`: The estimated revenue for the company in the specified fiscal quarter
- `username`: The author of the estimate
- `analyst_id`: The unique identifier for the author of the estimate
- `created_at`: The time that the estimate was created (UTC)

`/companies/<ticker>/estimates/YYYY/Q`

Returns all estimates for a company (specified by `ticker`) for the specified fiscal year and quarter

Required params: *none*

Optional params: *none*

Returns: An array of `estimate` objects where each estimate has the following properties:

- `id`: The unique identifier for the estimate
- `ticker`: The ticker of the company being estimated
- `fiscal_year`: The fiscal year of the quarter being estimated
- `fiscal_quarter`: The fiscal quarter of the quarter being estimated
- `eps`: The estimated earnings per share for the company in the specified fiscal quarter
- `revenue`: The estimated revenue for the company in the specified fiscal quarter
- `username`: The author of the estimate
- `analyst_id`: The unique identifier for the author of the estimate
- `created_at`: The time that the estimate was created (UTC)

`/estimates`

Returns all estimates in the specified date-range for all companies

Required params:

- `start_date`: The start date for the date range of estimates to return
- `end_date`: The end date for the date range of estimates to return

Optional params: *none*

Returns: An array of `estimate` objects where each estimate has the following properties:

- `id`: The unique identifier for the estimate
- `ticker`: The ticker of the company being estimated
- `fiscal_year`: The fiscal year of the quarter being estimated
- `fiscal_quarter`: The fiscal quarter of the quarter being estimated
- `eps`: The estimated earnings per share for the company in the specified fiscal quarter
- `revenue`: The estimated revenue for the company in the specified fiscal quarter

- `username`: The author of the estimate
- `analyst_id`: The unique identifier for the author of the estimate
- `created_at`: The time that the estimate was created (UTC)

`/releases/<release_id>/consensus`

Returns the current consensus as well as the consensus history of the specified release. Note that you can get the `release_id` from any of the `/companies/<ticker>/releases` endpoints (specified as `id`).

Required params: *none*

Optional params: *none*

Returns: An object that has `wallstreet` and `estimate` properties, that each include `eps` and `revenue` properties, that the following attributes:

- `mean`: The mean of the distribution of estimates (the "consensus")
- `high`: The highest estimate in the distribution
- `low`: The lowest estimate in the distribution
- `standard_deviation`: The standard deviation of the distribution
- `count`: The number of estimates in the distribution
- `updated_at`: The timestamp of this consensus (UTC)
- `revisions`: An array of objects in the same format as above with a timestamped history (see `updated_at`)

Example Response:

```
{  "wallstreet":{    "eps":{      "mean":12.281,      "high":13.67,
"low":11.23,      "standard_deviation":0.662,      "count":22,
"updated_at":"2013-10-24T07:03:47-04:00",      "revisions":[        {
"mean":12.315,      "high":13.67,      "low":11.23,
"standard_deviation":0.656,      "count":22,
"updated_at":"2013-10-23T11:05:44Z"      },      ...      ],      },
"revenue":{      ...      }    "estimate":{      ...      } }
```

Economic Indicator Endpoints

- All percent change values are calculated against the latest reported actual of the comparison period release, referred to as the 'comparison period actual'. The comparison period release is either the previous

release, or the release from the previous year for the same period, as specified by the economic indicator's `comparison_period` property.

- An estimate's `username` can change, the `analyst_id` should be used as the canonical identifier of an analyst.

`/economic_indicators`

Returns the economic indicator information for all economic indicators that Estimote covers

Required params: *none*

Optional params: *none*

Response: An array of `economic_indicator` objects with the following properties:

- `id`: The unique identifier for the economic indicator, used in queries for its releases and estimates
- `name`: The name of the economic indicator
- `unit`: The denomination or category of values, one of "absolute", "thousands", "millions", "billions", "percent"
- `reports_per_year`: The number of releases every year, one of 4, 12, 52
- `annualized`: Whether the release and estimate percent changes are annualized
- `comparison_period`: Which release's actuals to calculate percent changes against, either of "year_over_year" or "previous"

`/economic_indicators/<id>`

Returns the economic indicator information for the economic indicator specified by `id`

Required params: *none*

Optional params: *none*

Response: An `economic_indicator` object with the following properties:

- `id`: The unique identifier for the economic indicator, used in queries for its releases and estimates

- **name:** The name of the economic indicator
- **unit:** The denomination or category of values, one of "absolute", "thousands", "millions", "billions", "percent"
- **reports_per_year:** The number of releases every year, one of 4, 12, 52
- **annualized:** Whether the release and estimate percent changes are annualized
- **comparison_period:** Which release's actuals to calculate percent changes against, either of "year_over_year" Or "previous"

`/economic_indicators/<id>/releases`

Returns the releases for the economic indicator specified by `id`

Required params: *none*

Optional params:

- **year:** Returns releases that occurred during the specified year
- **period:** Returns releases for the specified period. Unless combined with **year**, will return releases from all available years

Response: An array of `economic_indicator_release` objects with the following properties:

- **id:** The unique identifier for the release
- **actual:** The latest reported value for the release
- **percent_change:** The percent change of the `actual` versus the comparison period actual
- **consensus_estimate:** The average estimated value of the Estimate community
- **actual_as_reported:** The original reported value for the release
- **percent_change_as_reported:** The percent change of the `actual_as_reported` versus the comparison period actual
- **actual_revisions:** An array of `revision` objects representing changes to the `actual` where each revision has the the properties:
 - **actual:** The reported value of the revision
 - **revision_date:** The date of the revision

- percent_change: The percent change of the revision actual versus the comparison period actual
- year: The year in which the the release occurred
- period: The order of the release's occurrence within the year, one of 1 through the economic indicator's reports_per_year
- release_date: The date of the release

/economic_indicators/<id>/estimates

Returns the estimates for releases of the economic indicator specified by id

Required params: *none*

Optional params:

- year: Returns estimates on releases that occurred during the specified year
- period: Returns estimates on releases for the specified period. Unless combined with year, will return estimates from all available years

Response: An array of economic_indicator_estimate objects with the following properties:

- id: The unique identifier for the estimate
- value: The user's estimated value for the release
- percent_change: The percent change of the value versus the comparison period actual
- analyst_id: The unique identifier for the author of the estimate
- username: The current username of the author of the estimate, which can change
- year: The year in which the the release occurred
- period: The order of the estimate's release's occurrence within the year, one of 1 through the economic indicator's reports_per_year
- created_at: The time that the estimate was created

Issues / Feedback

Please send any feedback or bug reports to team@estimize.com

Known Issues

none