

## API Service

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### Get Financial Data by Symbol

Financial data and financial ratio in fiscal year by company. Period of historical data is available according to your SETSMART package.

Specification

Try it

Request

HTTP request

https://www.setsmart.com/api/listed-company-api/financial-data-and-ratio-by-symbol

Parameters

The following table lists the parameters that this query supports. All of the parameters listed are query parameters.

Parameters	Type	Description
api-key (header)	string • required	Your API key (that created at API Key page)
symbol (query)	string • required	Stock symbol (ex. PTT, AOT, EGCO). Only one symbol can be used per request.
startYear (query)	string • required	Fiscal year in "YYYY" format.

Parameters	Type	Description
startQuarter (query)	string • required	Fiscal quarter of startYear. Value should be 1 to 4.
endYear (query)	string	Fiscal year in "YYYY" format.
endQuarter (query)	string	Fiscal quarter of endYear. Value should be 1 to 4.

Response

```
{
  "symbol": "string",
  "year": "string",
  "quarter": "string",
  "financialStatementType": "string",
  "dateAsof": "string",
  "accountPeriod": "string",
  "totalAssets": "number",
  "totalLiabilities": "number",
  "paidupShareCapital": "number",
  "shareholderEquity": "number",
  "totalEquity": "number",
  "totalRevenueQuarter": "number",
  "totalRevenueAccum": "number",
  "totalExpensesQuarter": "number",
  "totalExpensesAccum": "number",
  "ebitQuarter": "number",
  "ebitAccum": "number",
  "netProfitQuarter": "number",
  "netProfitAccum": "number",
  "epsQuarter": "number",
  "epsAccum": "number",
  "operatingCashFlow": "number",
  "investingCashFlow": "number",
  "financingCashFlow": "number",
  "roe": "number",
  "roa": "number",
  "netProfitMarginQuarter": "number",
  "netProfitMarginAccum": "number",
  "de": "number",
  "fixedAssetTurnover": "number",
  "totalAssetTurnover": "number"
}
```

Properties

The following table defines the properties that appear in this resource:

Properties	Type	Description
symbol	string	Security symbol
year	string	Year of financial statement
quarter	string	Quarter of financial statement
financialStatementType	string	<div>Financial statement type</div> <div><div>- C = Consolidate</div><div>- E = Equity Method</div><div>- U = Company</div></div> <div>Only one financial statement type will be sent out for one symbol.</div> <div><div>- If there are financial statement type "C" and "U", only "C" will be sent out</div><div>- If there are financial statement type "E" and "U", only "E" will be sent out</div><div>- Financial statement type "U" will be sent out if there is no "C" nor "E"</div></div>
dateAsof	string	As of date of financial statement
accountPeriod	string	<div>Account Period</div> <div><div>- F = Fiscal Year</div><div>- C = Calendar Year</div></div>
totalAssets	number	<div>Total assets</div> <div>Unit: Thousand Baht</div>
totalLiabilities	number	<div>Total liabilities</div> <div>Unit: Thousand Baht</div>
paidupShareCapital	number	<div>Paidup capital</div> <div>Unit: Thousand Baht</div>
shareholderEquity	number	<div>Shareholders' equity</div> <div>Unit: Thousand Baht</div>
totalEquity	number	<div>Total equity</div> <div>Unit: Thousand Baht</div>
totalRevenueQuarter	number	<div>Total revenue (value of that quarter)</div> <div>Unit: Thousand Baht</div>
totalRevenueAccum	number	<div>Total revenue (accumulated value)</div> <div>Unit: Thousand Baht</div>
totalExpensesQuarter	number	<div>Total expense (value of that quarter)</div> <div>Unit: Thousand Baht</div>
totalExpensesAccum	number	<div>Total expense (accumulated value)</div> <div>Unit: Thousand Baht</div>

Properties	Type	Description
ebitQuarter	number	EBIT (value of that quarter) Unit: Thousand Baht
ebitAccum	number	EBIT (accumulated value) Unit: Thousand Baht
netProfitQuarter	number	Net profit (value of that quarter) Unit: Thousand Baht
netProfitAccum	number	Net profit (accumulated value) Unit: Thousand Baht
epsQuarter	number	Earning per share (value of that quarter) Unit: Thousand Baht
epsAccum	number	Earning per share (accumulated value) Unit: Thousand Baht
operatingCashFlow	number	Operating cash flow Unit: Thousand Baht
investingCashFlow	number	Investing cash flow Unit: Thousand Baht
financingCashFlow	number	Financing cash flow Unit: Thousand Baht
roe	number	Return on equity
roa	number	Return on asset
netProfitMarginQuarter	number	Net profit margin (value of that quarter)
netProfitMarginAccum	number	Net profit margin (accumulated value)
de	number	Debt to equity ratio
fixedAssetTurnover	number	Fixed asset turnover ratio
totalAssetTurnover	number	Total asset turnover ratio

Errors

The following table identifies error messages that the API could return in response to a call to this method. Please see the error message documentation for more detail.

Status Code	Description
400	Bad Request
401	Unauthorized
403	Forbidden

Status Code	Description
404	Not Found

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