

### Revision History

Effective Date	Version	Description
2023-12-13	1.0	Create document

### Table of Content

Content	Page
<a href="#">1. EOD Price and Statistics by Symbol</a>	<a href="#">2</a>
<a href="#">2. EOD Price and Statistics all Symbols</a>	<a href="#">3</a>
<a href="#">3. Financial Data and Ratio by Symbol</a>	<a href="#">5</a>
<a href="#">4. Financial Data and Ratio all Symbols</a>	<a href="#">6</a>

## 1. EOD Price and Statistics by Symbol

<b>Description</b>	EOD stock price and statistics such as P/E and dividend yield by symbol. Period of historical data is available according to SETSMART package.
<b>URL</b>	<a href="https://www.setsmart.com/api/listed-company-api/eod-price-by-symbol">https://www.setsmart.com/api/listed-company-api/eod-price-by-symbol</a>
<b>Method</b>	GET
<b>Header</b>	api-key

<b>Parameter</b>		
symbol	String - Required	Stock symbol (ex. PTT,AOT,EGCO). Only one symbol can be used per request.
startDate	String - Required	Start date in "YYYY-MM-DD" format.
endDate	String - Optional	End date in "YYYY-MM-DD" format. The limitation on the period of time per request is 6 years.
adjustedPriceFlag	String - Required	- 'Y' = Price and volume are adjusted (normalized) information. - 'N' = Price and volume are not adjusted (normalized) information.

### Properties

No.	Properties	Type	Format / Max Length	Description
1	date	String	YYYY-MM-DD	Trading date
2	symbol	String	20	Security symbol
3	securityType	String	3	Security Type - CS = Common Stock - CSF = Foreign Stock - PS =Preferred Stock - PSF = Preferred Foreign Stock - W = Warrant - TSR = Transferable Subscription Rights - DWC = Derivative Call Warrants - DWP = Derivative Put Warrants - DR = Depository Receipts - ETF = Exchange Traded Fund - UT = Unit Trust
4	adjustedPriceFlag	String	1	Adjusted price flag - 'Y' = Price and volume are adjusted information - 'N' = Price and volume are not adjusted information
5	prior	Numeric	Double	Prior closing price (If there are no trades yesterday, it will carry latest closing price)
6	open	Numeric	Double	Opening price of the day
7	high	Numeric	Double	Highest price of the day
8	low	Numeric	Double	Lowest price of the day
9	close	Numeric	Double	Last executed price
10	average	Numeric	Double	Average price
11	aomVolume	Numeric	Double	Auto-matching volume
12	aomValue	Numeric	Double	Auto-matching value
13	trVolume	Numeric	Double	Trade report volume
14	trValue	Numeric	Double	Trade report value
15	totalVolume	Numeric	Double	Total trading volume
16	totalValue	Numeric	Double	Total trading value
17	pe	Numeric	Double	P/E ratio will be null for these cases - P/E is negative. - P/E is not calculated, for example, a security posted with SP sign more than 3 months. - P/E for PF&REITs, Infrastructure Fund, ETF and UnitTrust.

18	pbv	Numeric	Double	P/BV ratio will be null for these cases - P/BV is negative. - P/BV is not calculated, for example, a security posted with SP sign more than 3 months. - P/BV for PF&REITs, Infrastructure Fund, ETF and UnitTrust.
19	bvps	Numeric	Double	Book value per share - Unit: Baht per Share - for PF&REIT, Infrastructure Fund, ETF or Unit trust, it means NAV
20	dividendYield	Numeric	Double	This value will be null if dividend yield is not calculated, for example, - a security which has no cash dividend payment - a security posted with SP sign more than 3 months
21	marketCap	Numeric	Double	- Unit: Baht - This field will be null if market cap. is not calculated, for example, a security posted with SP sign more than 3 months
22	volumeTurnover	Numeric	Double	This value will be null if volume turnover is not calculated, for example, - a security posted with SP sign more than 3 months

## 2. EOD\_Price\_and\_Statistics\_by\_Symbol

<b>Description</b>	EOD stock price and statistics such as P/E and dividend yield of all symbols per day. Period of historical data is available according to your SETSMART package
<b>URL</b>	<a href="https://www.setsmart.com/api/listed-company-api/eod-price-by-security-type">https://www.setsmart.com/api/listed-company-api/eod-price-by-security-type</a>
<b>Method</b>	GET
<b>Header</b>	api-key

<b>Parameter</b>			
securityType	String - Required	Security Type	<ul style="list-style-type: none"> <li>- All = All security types</li> <li>- CS = Common Stock</li> <li>- CSF = Foreign Stock</li> <li>- PS = Preferred Stock</li> <li>- PSF = Preferred Foreign Stock</li> <li>- W = Warrant</li> <li>- TSR = Transferable Subscription Rights</li> <li>- DWC = Derivative Call Warrants</li> <li>- DWP = Derivative Put Warrants</li> <li>- DR = Depository Receipts</li> <li>- ETF = Exchange Traded Fund</li> <li>- UT = Unit Trust</li> </ul>
date	String - Required	Date in "YYYY-MM-DD" format.	Only one date can be used per request.
adjustedPriceFlag	String - Required	- 'Y' = Price and volume are adjusted (normalized) information. - 'N' = Price and volume are not adjusted (normalized) information.	

### Properties

No.	Properties	Type	Format / Max Length	Description
1	date	String	YYYY-MM-DD	Trading date
2	symbol	String	20	Security symbol
3	securityType	String	3	Security Type <ul style="list-style-type: none"> <li>- CS = Common Stock</li> <li>- CSF = Foreign Stock</li> <li>- PS = Preferred Stock</li> <li>- PSF = Preferred Foreign Stock</li> <li>- W = Warrant</li> <li>- TSR = Transferable Subscription Rights</li> <li>- DWC = Derivative Call Warrants</li> <li>- DWP = Derivative Put Warrants</li> <li>- DR = Depository Receipts</li> <li>- ETF = Exchange Traded Fund</li> <li>- UT = Unit Trust</li> </ul>
4	adjustedPriceFlag	String	1	Adjusted price flag <ul style="list-style-type: none"> <li>- 'Y' = Price and volume are adjusted information</li> <li>- 'N' = Price and volume are not adjusted information</li> </ul>
5	prior	Numeric	Double	Prior closing price (If there are no trades yesterday, it will carry latest closing price)
6	open	Numeric	Double	Opening price of the day
7	high	Numeric	Double	Highest price of the day
8	low	Numeric	Double	Lowest price of the day
9	close	Numeric	Double	Last executed price
10	average	Numeric	Double	Average price
11	aomVolume	Numeric	Double	Auto-matching volume
12	aomValue	Numeric	Double	Auto-matching value
13	trVolume	Numeric	Double	Trade report volume
14	trValue	Numeric	Double	Trade report value

15	totalVolume	Numeric	Double	Total trading volume
16	totalValue	Numeric	Double	Total trading value
17	pe	Numeric	Double	P/E ratio will be null for these cases - P/E is negative. - P/E is not calculated, for example, a security posted with SP sign more than 3 months. - P/E for PF&REITs, Infrastructure Fund, ETF and UnitTrust.
18	pbv	Numeric	Double	P/BV ratio will be null for these cases - P/BV is negative. - P/BV is not calculated, for example, a security posted with SP sign more than 3 months. - P/BV for PF&REITs, Infrastructure Fund, ETF and UnitTrust.
19	bvps	Numeric	Double	Book value per share - Unit: Baht per Share - for PF&REIT, Infrastructure Fund, ETF or Unit trust, it means NAV
20	dividendYield	Numeric	Double	This value will be null if dividend yield is not calculated, for example, - a security which has no cash dividend payment - a security posted with SP sign more than 3 months
21	marketCap	Numeric	Double	- Unit: Baht - This field will be null if market cap. is not calculated, for example, a security posted with SP sign more than 3 months
22	volumeTurnover	Numeric	Double	This value will be null if volume turnover is not calculated, for example, - a security posted with SP sign more than 3 months

### 3. Financial Data and Ratio by Symbol

<b>Description</b>	Financial data and financial ratio in fiscal year by company. The period of historical data is available according to your SETSMART package.
<b>URL</b>	<a href="https://www.setsmart.com/api/listed-company-api/financial-data-and-ratio-by-symbol">https://www.setsmart.com/api/listed-company-api/financial-data-and-ratio-by-symbol</a>
<b>Method</b>	GET
<b>Header</b>	api-key

<b>Parameter</b>		
symbol	String - Required	Stock symbol (ex. PTT,AOT,EGCO). Only one symbol can be used per request.
startYear	String - Required	Fiscal year in "YYYY" format.
startQuarter	String - Required	Fiscal quarter of startYear. Value should be 1 to 4.
endYear	String - Optional	Fiscal year in "YYYY" format.
endQuarter	String - Optional	Fiscal quarter of endYear. Value should be 1 to 4.

#### Specification

No.	Properties	Type	Format / Max Length	Description
1	symbol	String	20	Security symbol
2	year	String	4	Year of financial statement
3	quarter	String	1	Quarter of financial statement
4	financialStatementType	String	1	<p>Financial statement type</p> <ul style="list-style-type: none"> <li>- C = Consolidate</li> <li>- E = Equity Method</li> <li>- U = Company</li> </ul> <p>Only one financial statement type will be sent out for one symbol.</p> <ul style="list-style-type: none"> <li>- If there are financial statement type "C" and "U", only "C" will be sent out</li> <li>- If there are financial statement type "E" and "U", only "E" will be sent out</li> <li>- Financial statement type "U" will be sent out if there is no "C" nor "E"</li> </ul>
5	dateAsof	String	YYYY-MM-DD	As of date of financial statement
6	accountPeriod	String	1	<p>Account Period</p> <ul style="list-style-type: none"> <li>- F = Fiscal Year</li> </ul>
7	totalAssets	Numeric	Double	<p>Total assets</p> <p>Unit: Thousand Baht</p>
8	totalLiabilities	Numeric	Double	<p>Total liabilities</p> <p>Unit: Thousand Baht</p>
9	paidupShareCapital	Numeric	Double	<p>Paidup capital</p> <p>Unit: Thousand Baht</p>
10	shareholderEquity	Numeric	Double	<p>Shareholders' equity</p> <p>Unit: Thousand Baht</p>
11	totalEquity	Numeric	Double	<p>Total equity</p> <p>Unit: Thousand Baht</p>
12	totalRevenueQuarter	Numeric	Double	<p>Total revenue (value of that quarter)</p> <p>Unit: Thousand Baht</p>
13	totalRevenueAccum	Numeric	Double	<p>Total revenue (accumulated value)</p> <p>Unit: Thousand Baht</p>
14	totalExpensesQuarter	Numeric	Double	<p>Total expense (value of that quarter)</p> <p>Unit: Thousand Baht</p>
15	totalExpensesAccum	Numeric	Double	<p>Total expense (accumulated value)</p> <p>Unit: Thousand Baht</p>
16	ebitQuarter	Numeric	Double	<p>EBIT (value of that quarter)</p> <p>Unit: Thousand Baht</p>

17	ebitAccum	Numeric	Double	EBIT (accumulated value) Unit: Thousand Baht
18	netProfitQuarter	Numeric	Double	Net profit (value of that quarter) Unit: Thousand Baht
19	netProfitAccum	Numeric	Double	Net profit (accumulated value) Unit: Thousand Baht
20	epsQuarter	Numeric	Double	Earning per share (value of that quarter) Unit: Baht
21	epsAccum	Numeric	Double	Earning per share (accumulated value) Unit: Baht
22	operatingCashFlow	Numeric	Double	Operating cash flow Unit: Thousand Baht
23	investingCashFlow	Numeric	Double	Investing cash flow Unit: Thousand Baht
24	financingCashFlow	Numeric	Double	Financing cash flow Unit: Thousand Baht
25	roe	Numeric	Double	Return on equity
26	roa	Numeric	Double	Return on asset
27	netProfitMarginQuarter	Numeric	Double	Net profit margin (value of that quarter)
28	netProfitMarginAccum	Numeric	Double	Net profit margin (accumulated value)
29	de	Numeric	Double	Debt to equity ratio
30	fixedAssetTurnover	Numeric	Double	Fixed asset turnover ratio
31	totalAssetTurnover	Numeric	Double	Total asset turnover ratio

#### 4. Financial\_Data\_and\_Ratio\_all\_Symbols

<b>Description</b>	Financial data and financial ratio of all companies per quarter (Both fiscal year and calendar year are available). The period of historical data is available according to your SETSMART package.
<b>URL</b>	<a href="https://www.setsmart.com/api/listed-company-api/financial-data-and-ratio">https://www.setsmart.com/api/listed-company-api/financial-data-and-ratio</a>
<b>Method</b>	GET
<b>Header</b>	api-key

<b>Parameter</b>		
accountPeriod	String - Required	Account Period of financial data - F = Fiscal Year - C = Calendar Year
year	String - Required	Year in "YYYY" format
quarter	String - Required	Quarter. Value should be 1 to 4.

#### Specification

No.	Properties	Type	Format / Max Length	Description
1	symbol	String	20	Security symbol
2	year	String	4	Year of financial statement
3	quarter	String	1	Quarter of financial statement
4	financialStatementType	String	1	Financial statement type - C = Consolidate - E = Equity Method - U = Company Only one financial statement type will be sent out for one symbol. - If there are financial statement type "C" and "U", only "C" will be sent out - If there are financial statement type "E" and "U", only "E" will be sent out - Financial statement type "U" will be sent out if there is no "C" nor "E"
5	dateAsof	String	YYYY-MM-DD	As of date of financial statement
6	accountPeriod	String	1	Account Period - F = Fiscal Year - C = Calendar Year
7	totalAssets	Numeric	Double	Total assets Unit: Thousand Baht
8	totalLiabilities	Numeric	Double	Total liabilities Unit: Thousand Baht
9	paidupShareCapital	Numeric	Double	Paidup capital Unit: Thousand Baht
10	shareholderEquity	Numeric	Double	Shareholders' equity Unit: Thousand Baht
11	totalEquity	Numeric	Double	Total equity Unit: Thousand Baht
12	totalRevenueQuarter	Numeric	Double	Total revenue (value of that quarter) Unit: Thousand Baht
13	totalRevenueAccum	Numeric	Double	Total revenue (accumulated value) Unit: Thousand Baht
14	totalExpensesQuarter	Numeric	Double	Total expense (value of that quarter) Unit: Thousand Baht
15	totalExpensesAccum	Numeric	Double	Total expense (accumulated value) Unit: Thousand Baht
16	ebitQuarter	Numeric	Double	EBIT (value of that quarter) Unit: Thousand Baht

17	ebitAccum	Numeric	Double	EBIT (accumulated value) Unit: Thousand Baht
18	netProfitQuarter	Numeric	Double	Net profit (value of that quarter) Unit: Thousand Baht
19	netProfitAccum	Numeric	Double	Net profit (accumulated value) Unit: Thousand Baht
20	epsQuarter	Numeric	Double	Earning per share (value of that quarter) Unit: Baht
21	epsAccum	Numeric	Double	Earning per share (accumulated value) Unit: Baht
22	operatingCashFlow	Numeric	Double	Operating cash flow Unit: Thousand Baht
23	investingCashFlow	Numeric	Double	Investing cash flow Unit: Thousand Baht
24	financingCashFlow	Numeric	Double	Financing cash flow Unit: Thousand Baht
25	roe	Numeric	Double	Return on equity
26	roa	Numeric	Double	Return on asset
27	netProfitMarginQuarter	Numeric	Double	Net profit margin (value of that quarter)
28	netProfitMarginAccum	Numeric	Double	Net profit margin (accumulated value)
29	de	Numeric	Double	Debt to equity ratio
30	fixedAssetTurnover	Numeric	Double	Fixed asset turnover ratio
31	totalAssetTurnover	Numeric	Double	Total asset turnover ratio