



Lapis Global Financial Functionary 25 DY Index Ratios

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MARKET RATIOS	2012	2013	2014	2015	2016	2017	2018	2019
P/E								
Lapis Gl. Fin. Functionary DY Index	18,08	24,12	25,14	24,76	25,11	29,96	25,14	31,91
NASDAQ Composite Index (Bench.)	21,06	27,90	29,37	33,16	29,74	40,50	25,37	33,52
P/E Estimated								
Lapis Gl. Fin. Functionary DY Index	15,22	19,57	19,57	20,20	20,69	23,05	20,51	24,83
NASDAQ Composite Index (Bench.)	14,72	19,77	19,53	20,14	19,88	21,63	17,87	24,11
P/B								
Lapis Gl. Fin. Functionary DY Index	2,68	3,30	3,59	4,35	4,79	5,72	5,72	5,12
NASDAQ Composite Index (Bench.)	2,67	2,44	3,67	3,62	3,57	3,80	3,81	4,50
P/S								
Lapis Gl. Fin. Functionary DY Index	2,62	3,86	4,30	4,51	4,43	5,35	5,51	6,75
NASDAQ Composite Index (Bench.)	1,73	2,25	2,35	2,35	2,43	2,23	2,48	3,15
EV/EBITDA								
Lapis Gl. Fin. Functionary DY Index	13,39	16,44	16,02	16,99	15,34	19,33	15,76	21,21
NASDAQ Composite Index (Bench.)	10,44	15,92	13,81	14,62	15,48	20,91	14,89	18,46

FINANCIAL RATIOS	2012	2013	2014	2015	2016	2017	2018	2019
Debt/Equity								
Lapis Gl. Fin. Functionary DY Index	211,48	140,78	117,68	98,94	119,65	101,19	70,04	63,55
NASDAQ Composite Index (Bench.)	68,77	62,84	75,93	80,16	82,07	97,01	86,23	93,51

PERFORMANCE MEASURES	2012	2013	2014	2015	2016	2017	2018	2019
Sharpe Ratio								
Lapis Gl. Fin. Functionary DY Index	1,76	3,58	1,09	1,04	0,58	4,18	0,29	2,82
NASDAQ Composite Index (Bench.)	1,00	2,68	0,91	0,34	0,44	2,54	-0,29	1,84
Jensen Alpha								
Lapis Gl. Fin. Functionary DY Index	10,8 %	14,6 %	3,5 %	10,6 %	2,7 %	17,4 %	8,0 %	17,5 %
Information Ratio								
Lapis Gl. Fin. Functionary DY Index	0,79	0,79	-0,08	1,24	0,17	0,96	0,97	0,74

RISK MEASURES	2012	2013	2014	2015	2016	2017	2018	2019
Volatility								
Lapis Gl. Fin. Functionary DY Index	11,88 %	10,58 %	10,97 %	14,29 %	14,00 %	7,26 %	14,56 %	12,53 %
NASDAQ Composite Index (Bench.)	15,50 %	12,55 %	14,29 %	16,96 %	16,13 %	9,75 %	20,98 %	17,23 %
Beta								
Lapis Gl. Fin. Functionary DY Index	0,68	0,72	0,67	0,77	0,79	0,54	0,62	0,63
Tracking Error								
Lapis Gl. Fin. Functionary DY Index	7,9 %	6,9 %	7,4 %	7,5 %	7,5 %	6,7 %	10,5 %	9,7 %
Maximum Drawdown								
Lapis Gl. Fin. Functionary DY Index					-16,60 %			
NASDAQ Composite Index (Bench.)					-23,60 %			

DIVIDEND POLICY	2012	2013	2014	2015	2016	2017	2018	2019
Dividend Yield								
Lapis Gl. Fin. Functionary DY Index	3,26 %	1,70 %	1,71 %	1,53 %	1,57 %	1,39 %	1,62 %	1,43 %
NASDAQ Composite Index (Bench.)	1,54 %	1,19 %	1,28 %	1,27 %	1,24 %	1,11 %	1,22 %	1,00 %
Dividend Yield Estimated								
Lapis Gl. Fin. Functionary DY Index	2,61 %	1,92 %	1,88 %	1,66 %	1,72 %	1,51 %	1,76 %	1,49 %
NASDAQ Composite Index (Bench.)	1,72 %	1,43 %	1,33 %	1,40 %	1,39 %	1,24 %	1,49 %	1,21 %

GLOSSARY**P/E**

A stock's price divided by its earnings per share, which indicates how much investors are paying for a company's earning power.

P/E Estimated

Price of a stock divided by its estimated earnings for the coming year.

P/B

Price of a stock divided by its book value (net worth) per share.

P/S

Price of a stock divided by its sales per share.

EV/EBITDA

Enterprise value (EV) divided by earnings before interests, taxes, depreciation, and amortization (EBITDA).

Debt/Equity

Debt capital divided by equity capital, reflecting the amount of financial leverage.

Sharpe Ratio

A risk-adjusted measure that determines the reward per unit of risk (volatility).

Jensen Alpha

A risk-adjusted measure that determines the risk-adjusted outperformance relative to the benchmark.

Information Ratio

The excess return over a benchmark divided by the standard deviation of excess returns (tracking error).

Volatility

A risk measure, which indicates the dispersion of historic stock returns from its average return.

Beta

A risk measure, which shows the sensitivity of a portfolio's return to changes of the benchmark (benchmark beta equals 1).

Tracking Error

A measure of active risk, which reflects the volatility of excess returns between the portfolio and the benchmark.

Maximum Drawdown

A risk measure, which determines the maximum loss from a peak to a trough of a portfolio during a certain period.

Dividend Yield

The annual dividends per share divided by the current share price, expressed as a percentage.

Dividend Yield Estimated

The estimated dividends per share divided by the current share price, expressed as a percentage.

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