

1. Data Overview

Company:	Morgan Stanley (MS)
CIK:	0000895421
Analysis Period:	2016-02-01 to 2026-01-30 (~10.0 years)
Trading Days:	2,514
Latest Close:	\$182.80

2. Methodology

Risk Metrics (CFA/Basel Standards):

- Sharpe Ratio:** (Annualized Return - Rf) / Volatility (Rf = 0%)
- Sortino Ratio:** Annualized Return / Downside Deviation
- VaR (95%, 99%):** Historical percentile of daily returns
- Max Drawdown:** Largest peak-to-trough decline in cumulative returns
- Volatility:** Standard deviation of daily returns $\times \sqrt{252}$ (annualized)

3. Risk Metrics Summary

Metric	Value	Interpretation
Total Return (10.0Y)	+843.4%	Cumulative appreciation
Annualized Return	+25.2%	Geometric mean annual
Volatility	31.7%	Annualized std dev
Sharpe Ratio	0.80	Risk-adjusted return
Sortino Ratio	1.11	Downside risk-adjusted
Max Drawdown	-51.3%	Peak-to-trough

4. Return Distribution

Metric	Value
Positive Days	52.5%
Best Day	+19.77%
Worst Day	-15.60%
VaR (95%)	-2.82%
VaR (99%)	-5.07%

5. SEC EDGAR Financial Data

Metric	Value	Period End	Form	Accession
Revenue	\$34.3B	2014-12-31	10-K	0001193125-15-071980
Net Income	\$13.4B	2024-12-31	10-K	0000895421-25-000304
Total Assets	\$1.2T	2024-12-31	10-K	0000895421-25-000304
Total Liabilities	\$1.1T	2024-12-31	10-K	0000895421-25-000304
Stockholders Equity	\$104.5B	2024-12-31	10-K	0000895421-25-000304
Cash	\$105.4B	2024-12-31	10-K	0000895421-25-000304
Eps	\$8.04	2024-12-31	10-K	0000895421-25-000304

Data Sources (100% Verifiable - NO SIMULATION):

- **SEC EDGAR:** <https://data.sec.gov/api/xbrl/companyfacts/CIK0000895421.json>

- **Stock Data:** Yahoo Finance (MS)

Anyone can verify these numbers by querying the APIs directly.

Report prepared by Mboyajeffers | Mboyajeffers9@gmail.com

Data Source: SEC EDGAR XBRL, Yahoo Finance | Report: MS_Full-Service_Brokerage

Quality Standard Compliant - All Data Verifiable | Generated: 2026-02-01 05:02