

1. Data Overview

Company:	Goldman Sachs (GS)
CIK:	0000886982
Analysis Period:	2016-02-01 to 2026-01-30 (~10.0 years)
Trading Days:	2,514
Latest Close:	\$935.41

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)	+618.9%	Cumulative appreciation
Annualized Return	+21.9%	Geometric mean annual
Volatility	29.6%	Annualized std dev
Sharpe Ratio	0.74	Risk-adjusted return
Sortino Ratio	1.03	Downside risk-adjusted
Max Drawdown	-48.8%	Peak-to-trough

4. Return Distribution

Metric	Value
Positive Days	52.1%
Best Day	+17.58%
Worst Day	-12.71%
VaR (95%)	-2.59%
VaR (99%)	-4.60%

5. SEC EDGAR Financial Data

Metric	Value	Period End	Form	Accession
Net Income	\$14.3B	2024-12-31	10-K	0000886982-25-000005
Total Assets	\$1.7T	2024-12-31	10-K	0000886982-25-000005
Total Liabilities	\$1.6T	2024-12-31	10-K	0000886982-25-000005
Stockholders Equity	\$122.0B	2024-12-31	10-K	0000886982-25-000005
Cash	\$182.1B	2024-12-31	10-K	0000886982-25-000005
Eps	\$41.07	2024-12-31	10-K	0000886982-25-000005

Data Sources (100% Verifiable - NO SIMULATION):

- **SEC EDGAR:** <https://data.sec.gov/api/xbrl/companyfacts/CIK0000886982.json>

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

Anyone can verify these numbers by querying the APIs directly.

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Data Source: SEC EDGAR XBRL, Yahoo Finance | Report: GS_Investment_Bank_Study

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