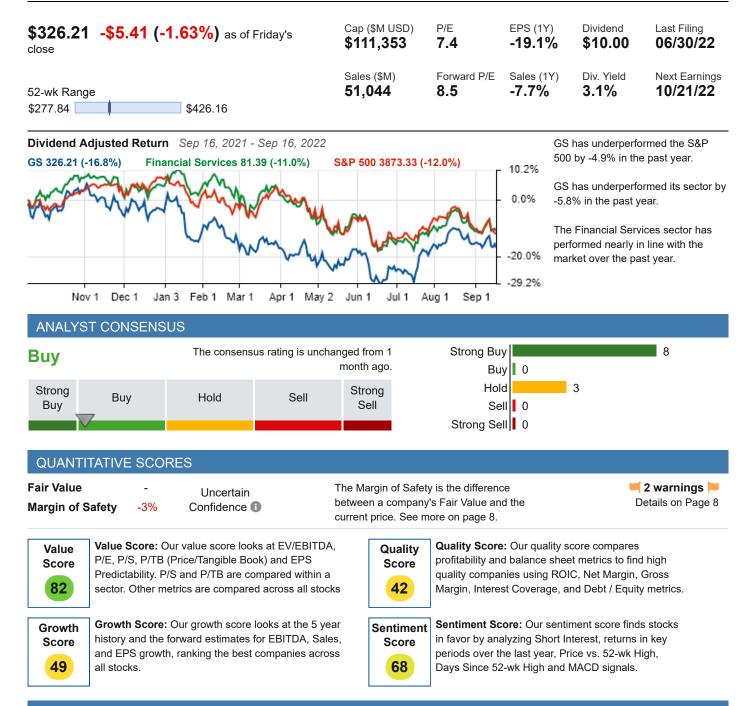
Goldman Sachs Group (GS)

Financial Services / Capital Markets





BUSINESS SUMMARY

Goldman Sachs is a leading global investment banking firm whose activities are organized into investment banking (20% of net revenue), global markets (45%), asset management (20%), and consumer and wealth management (15%) segments. Approximately 60% of the company's net revenue is generated in the Americas, 15% in Asia, and 25% in Europe, the Middle East, and Africa. In 2008, Goldman reorganized itself as a financial holding company regulated by the Federal Reserve System.

Employees 43,900

Homepage www.goldmansachs.com

Headquarters New York, NY

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VALUATION SUMMARY

	GS	Industry	S&P 500
Value Score	82	49	75
Price / Earnings	7.4	12.1	20.4
Price / Sales	2.3	2.3	2.3
Price / Free Cash Flow	-	7.1	20.7
Price / Book	1.0	1.4	4.1
Price / Tangible Book	1.1	1.9	100+
EV / EBITDA	-	84.0	17.2
EPS Predict. Pctl.	73	49	70
Piotroski F Score	4	3	8
5-Year P/E Range	4.7		24.0
5-Year P/B Range	0.6		1.6
5-Year P/S Range	1.6		3.8

GROWTH SUMMARY

NMR

Nomura Holdings

	GS	Industry	S&P 500
Growth Score	49	49	78
Sales Growth			
Sales Growth Next Year	5.7%	5.6%	7.6%
Sales 1-Year Chg (%)	-7.7%	10.8%	15.2%
Sales 3-Year Avg (%)	17.0%	15.7%	16.9%
Sales 5-Year Avg (%)	11.5%	9.2%	14.3%
EPS Growth			
Next Yr. Growth Est.	11.3%	15.8%	10.1%
EPS 1-Year Chg (%)	-19.1%	-3.7%	16.6%
EPS 3-Year Avg (%)	22.9%	14.3%	13.1%
EPS 5-Year Avg (%)	18.4%	13.7%	13.4%



PEER	S ANALYSIS SUMN	MARY								
Ticker	Company	Cap (\$M USD	P/E	Div. Yield	1M Return	1Y Return	Margin of Safety	Value Score	Growth Score	Quality Score
MS	Morgan Stanley	\$150,102	11.8	3.6%	-4.8%	-11.9%	-	92	57	40
SCHW	Charles Schwab	\$136,343	23.6	1.2%	-6.9%	2.6%	-	74	65	55
SPGI	S&P Global	\$115,414	26.1	1.0%	-10.8%	-23.1%	4%	73	97	92
GS	Goldman Sachs G	\$111,353	7.4	3.1%	-7.4%	-15.7%	-	82	49	42
CME	CME Group	\$68,853	23.8	2.1%	-6.3%	4.9%	-4%	76	74	97
ICE	Intercontinental Ex	\$54,321	16.3	1.6%	-12.1%	-17.1%	3%	82	83	87
MCO	Moody's	\$51,433	30.3	1.0%	-12.8%	-25.7%	3%	72	90	91
MSCI	MSCI	\$36,764	47.0	1.1%	-9.3%	-29.4%	-2%	71	96	90
NDAQ	Nasdaq	\$29,969	27.0	1.3%	-4.2%	-5.1%	3%	75	89	84
RJF	Raymond James F	\$23,060	15.2	1.3%	-3.6%	20.8%	-	97	62	58
LPLA	LPL Finl Hldgs	\$18,339	37.2	0.4%	0.3%	60.3%	-	72	62	52

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-9.4%

-32.5%

6.0%

16.3

\$10,356



PROFITABILITY SUMMARY

	GS	Industry	S&P 500
Quality Score	42	50	77
Gross Margin	0.0%	8.8%	30.2%
Operating Margin	43.9%	20.1%	14.8%
Net Margin	31.7%	19.1%	11.8%
Return on Assets	1.0%	1.1%	8.7%
Return on Equity	13.3%	12.8%	35.2%
ROIC	5.2%	7.9%	20.1%

RETURNS SUMMARY

	GS	Industry	S&P 500
Sentiment Score	68	44	54
5-Day Return	-4.1%	-2.9%	-4.4%
1-Month Return	-7.4%	-6.2%	-9.7%
YTD Return	-13.0%	-17.0%	-17.8%
1-Year Return	-15.7%	-17.6%	-11.8%
3-Year Return	60.5%	37.3%	36.2%
5-Year Return	59.7%	40.3%	68.9%
Beta 1-Year	0.98	0.78	0.99



DIVIDEND

	GS	Industry
Dividend Yield	3.1%	2.9%
Payout Ratio	17.8%	23.7%
TTM Yield	2.6%	-
Dividend Per Share	\$10.00	\$2.43
Div. 1Y Chg (%)	25.0%	32.9%
Div. 3Y Avg (%)	26.0%	21.1%
Div. 5Y Avg (%)	27.2%	13.1%
Cons. Growth Years	10+	3
Div. Coverage Ratio	5.6	4.2

DEBT & EQUITY

Price	\$326.21
Net Cash Per Share	-\$123.36
Equity Per Share	\$313.95
Debt / Equity	2.8
Solvency Ratio	7%
Short % of Float	1.6%
Altman Z-Score	0.2

ANALYST REVISIONS Current Quarter EPS # Up Last 30 days 0.00 Next Quarter EPS # Up Last 30 days

# Up Last 30 days	0.00	# Up Last 30 days	1.00
# Down Last 30 days	2.00	# Down Last 30 days	1.00
Mean Estimate	7.92	Mean Estimate	8.03
% Change (30 Days)	-0.13%	% Change (30 Days)	-0.12%

MFAN		

	Cur Qtr	Next Qtr	Cur Year	Next Year
Latest	\$8.03	\$7.92	\$34.54	\$38.46
30 Days Ago	\$8.04	\$7.93	\$34.70	\$38.49
90 Days Ago	\$9.59	\$9.32	\$38.06	\$40.71
% Change (90 Days)	-16 3%	-15.0%	-9.2%	-5.5%

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EARNINGS SURPRISES

Earnings surprise is the difference between a company's announced earnings and the average analyst estimated value. Surprises typically causes the stock price to jump and are often followed by more of the same surprise type.

Surprise Summary (Last 12 Quarters)

Surprise Type	Amount	Percent
Positive Quarters (> 2%)	9	75.0%
Negative Quarters (< 2%)	3	25.0%
In-Line Quarters (within 2%)	0	-

Surprise Detail (Last 6 Quarters)

Surprise Type	Announce Date	Period End Date	Actual EPS	Est. EPS	Surprise (%)
Positive	07/18/22	06/30/22	\$7.73	\$6.99	10.6%
Positive	04/14/22	03/31/22	\$10.76	\$8.61	24.9%
Negative	01/18/22	12/31/21	\$10.81	\$12.10	-10.7%
Positive	10/15/21	09/30/21	\$14.93	\$9.78	52.7%
Positive	07/13/21	06/30/21	\$15.02	\$9.69	55.0%
Positive	04/14/21	03/31/21	\$18.60	\$9.79	90.0%

RISK

	GS	Industry	S&P 500
Best Monthly Return (5Y)	26.2%	12.4%	17.9%
Worst Monthly Return (5Y)	-26.2%	-20.6%	-16.4%
Beta 1-Year	0.98	0.78	0.99
Volatility 1-Year	0.28	0.20	0.21
Volatility 1Y Pctl.	26	-	-
Max Drawdown 1-Year	-34.0%	-35.3%	-23.5%
Max Drawdown 3-Year	-46.0%	-45.6%	-33.9%
Max Drawdown 5-Year	-50.6%	-48.9%	-33.9%

SEASONALITY

Ten-Year Seasonal Performance vs the S&P 500



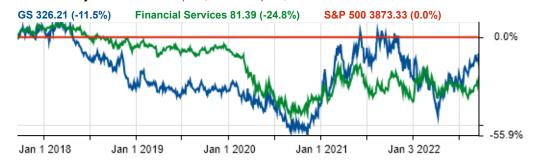
5-YEAR RELATIVE PERFORMANCE VS S&P 500

Relative to the S&P 500 baseline, GS has underperformed the S&P 500 by -11.5% in the past 5 Years.

GS has outperformed its sector by 13.3% in the past 5 Years.

The Financial Services sector has underperformed the market by -24.8% in the past 5 Years.





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Goldman Sachs Group (GS)

Financial Services / Capital Markets



Overall Rating vs. Peers



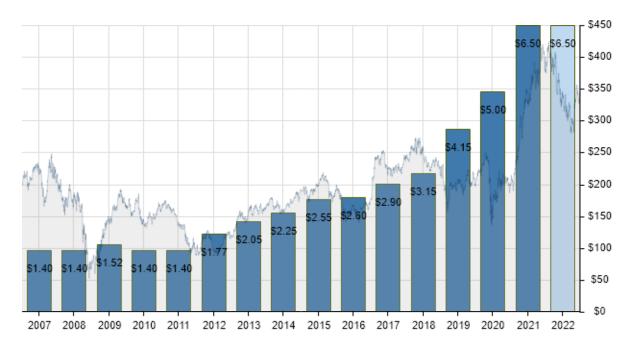
Ratings scores are relative to industry groups. They compare key metrics to rank stocks vs. their competitors. For example, higher growth than peers will score high even when the absolute growth is below the market average.

Growth vs F	Peers									
Ticker	Company	Growth	Sales	Eps		les Growtl			Sales 3Y	Sales 5Y
0145	0145.0	Rating vs. Peer		QoQ Ch		Next Y.	Chg (Avg (%)	Avg (%)
SCHW	CME Group	89	4.9%		.2%		3%	5.0%	1.8%	
ICE	Charles Schwab Intercontinental Exch	88	12.5% 13.1%		.5% .4%		4% 2 2%	20.0% 8.6%	21.3% 14.2%	
MS GS	Morgan Stanley	20	-12.2%		.9%		5% 70/	3.4%	13.7%	
	Goldman Sachs Group	20	-22.9%	-40	.570	5.	7%	-7.7%	17.0%	0 11.570
Valuation v) / L - 1:	D/5		DEC	D //	D/D		5) (D/E	
Ticker	Company	Valuation Rating vs. Peer		Forward P/E	PEG Trailir		S P/B		5Y P/E	Range
GS	Goldman Sachs Group	80	7.4	8.8	5	0.4	2.3	1.0	4.7	24.0
MS	Morgan Stanley	65	11.8	0.0	3	0.7	2.9	1.6	5.9	16.3
SCHW	Charles Schwab	60	23.6	14.9	9	1.5	7.2	1.0	10.5	36.7
ICE	Intercontinental Exch	57	16.3	17.0)	0.9	5.8	2.4	12.6	32.5
CME	CME Group	34	23.8	22.8	3	2.3	14.2 2	2.5	12.3	43.6
Efficiency	·									
Efficiency v	/s Peers Company	Efficiency G	ross Opera	ating N	let	5Y RO	E Range		5Y RO	\ Range
HOROI		ating vs. Peer M			rgin	3110	Littarige		311(0)	Trange
GS	Goldman Sachs	80	0.0% 4	3.9% 3	1.7%	4.5%	20.49	%	0.5%	1.5%
MS	Morgan Stanley	72	0.0% 3	4.1% 25	5.2%	7.2%	13.89	%	0.7%	1.3%
ICE	Intercontinental E	64 5	55.0% 3	9.6% 3	5.6%	10.2%	18.09	6	1.5%	3.2%
SCHW	Charles Schwab	62	0.0% 4	2.8% 33	3.1%	5.4%	16.99	6	0.6%	1.4%
CME	CME Group	43 8	34.1% 5	9.0% 60).4%	6.8%	19.19	6	1.1%	6.4%
Financial S	trength vs Peers								•	
Ticker	Company	Financial Strend	gth Debt	/ In	terest	Quick	Intangil	oles %	Solvency	Short %
	, ,	Rating vs. Pee	rs Equit	y Co	verage	Ratio			Ratio	of Float
CME	CME Group	88		0.1	23.	1 1	.0	17.6%		
SCHW	Charles Schwab	38		0.5		-	-	3.3%		
ICE	Intercontinental Exch	30		0.8	10.	5 1	.0	16.0%		
MS	Morgan Stanley	21		2.3		-	-	2.1%		
GS	Goldman Sachs Group	20		2.8		-	-	0.5%	% 7%	1.6%
Dividends v	vs Peers									
Ticker	Company	Dividends Rating vs. Peer	Div. Yield	TTM Yield	Pr	rice	Div. Per Share		ecutive Div. wth Years	Payout Ratio
ICE	Intercontinental Exch	85	1.6%		5%	\$97.27	\$1.52		wiii ieais	8 23.6%
GS	Goldman Sachs Group	83	3.1%			326.21	\$10.00		10	
CME	CME Group	65	2.1%			\$191.56	\$4.00		10	
MS	Morgan Stanley	61	3.6%		3%	\$87.43	\$3.10			8 37.3%
SCHW	Charles Schwab	34	1.2%			\$71.87	\$0.88			0 24.8%
Momentum	vs Peers									
Momentalli					014	VTD	1Y	3eta	Volatility	Price vs
Ticker	Company	Momentum	1M	3M	6M	YTD				
	Company	Rating vs. Peer	Return F	Return I	Return	Return	Return	1Y	1Y	52-wk High (%)
MS	Company Morgan Stanley	Rating vs. Peer	Return F	Return I 19.3%	-3.0%	Return -8.7%	-11.9%	1Y 1.03	1Y 0.30	52-wk High (%) 79.7%
MS GS	Company Morgan Stanley Goldman Sachs Group	Rating vs. Peer 85	Return F -4.8% -7.4%	19.3% 15.3%	-3.0%	-8.7% -13.0%	-11.9% -15.7%	1Y 1.03 0.98	1Y 0.30 0.28	52-wk High (%) 79.7% 76.6%
MS GS SCHW	Company Morgan Stanley Goldman Sachs Group Charles Schwab	Rating vs. Peer 85 79 78	Return F -4.8% -7.4% -6.9%	19.3% 15.3% 18.5%	-3.0% -3.0% -18.7%	-8.7% -13.0% -13.8%	Return -11.9% -15.7% 2.6%	1Y 1.03 0.98 1.12	0.30 0.28 0.36	52-wk High (%) 79.7% 76.6% 74.7%
MS GS	Company Morgan Stanley Goldman Sachs Group	Rating vs. Peer 85 79 78 49	Return F -4.8% -7.4%	19.3% 15.3%	-3.0%	-8.7% -13.0%	-11.9% -15.7%	1Y 1.03 0.98	1Y 0.30 0.28	52-wk High (%) 79.7% 76.6%

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DIVIDEND DETAIL



CALENDAR YE	AR DIVIDE	END HISTOR	Y	
Year	Date	Pay Date	Text	Amount
2022 Dividends				\$6.50
	08/31/22	09/29/22	Regular	\$2.50
	05/31/22	06/29/22	Regular	\$2.00
	03/01/22	03/30/22	Regular	\$2.00
2021 Dividends				\$6.50
	12/01/21	12/30/21	Regular	\$2.00
	08/31/21	09/29/21	Regular	\$2.00
	05/28/21	06/29/21	Regular	\$1.25
	03/01/21	03/30/21	Regular	\$1.25
2020 Dividends				\$5.00
	12/01/20	12/30/20	Regular	\$1.25
	08/31/20	09/29/20	Regular	\$1.25
	05/29/20	06/29/20	Regular	\$1.25
	02/28/20	03/30/20	Regular	\$1.25
2019 Dividends				\$4.15
	11/29/19	12/30/19	Regular	\$1.25
	08/29/19	09/27/19	Regular	\$1.25
	05/29/19	06/27/19	Regular	\$0.85
	02/27/19	03/28/19	Regular	\$0.80
2018 Dividends				\$3.15
	11/29/18	12/28/18	Regular	\$0.80
	08/29/18	09/27/18	Regular	\$0.80
	05/30/18	06/28/18	Regular	\$0.80
	02/28/18	03/29/18	Regular	\$0.75
		- 5. 20	9	40.10

UPCOMING DIVIDEND	
Ex-Dividend Date	08/31/22
Payment Date	09/29/22
Amount	\$2.50
Туре	Regular

DIVIDEND RATE	
Regular Dividend	\$2.50
Annual Dividend Rate	\$10.00
Annual Dividend Yield	3.1%
Trailing 12 Months Dividends	\$8.50
Trailing 12 Months Yield	2.6%

STATISTICS	
Payout Ratio	17.8%
Dividend Coverage Ratio	560.7%
Consecutive Growth Years	10+
3 Year Growth Rate	26.0%
5 Year Growth Rate	27.2%
10 Year Growth Rate	18.4%

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FINANCIAL STATEMENT SUM	MARY							
USD in Millions	Chart	2017	2018	2019	2020	2021	TTM	CAGR
▼ Income Statement								
Revenue		29,740	36,456	36,526	44,559	59,339	51,044	12.2%
Operating Income		11,863	13,839	12,868	19,167	28,078	22,407	14.5%
Net income		4,286	10,459	8,466	9,459	21,635	16,179	32.6%
Earnings per share diluted		\$9.01	\$25.27	\$21.03	\$24.74	\$59.45	\$44.28	40.2%
Average shares diluted		409	390	376	360	356	356	-2.9%
P/E Ratio		13.3	11.8	10.3	15.2	6.3	7.4	-11.8%
▼ Balance Sheet								
Cash		110,051	130,547	133,546	155,842	261,036	288,606	22.7%
Net Property, Plant and Equipm		15,094	18,317	24,246	25,427	20,386	20,705	6.9%
Net Debt		179,346	155,537	143,479	138,547	60,843	38,784	-27.8%
Stockholders' Equity		82,243	90,185	90,265	95,932	109,926	117,871	7.9%
▼ Cash Flow								
Operating Cash Flow		-20,489	16,564	23,868	-13,728	921	1,159	-51.2%
Cap Ex	_00	-3,184	-7,982	-8,443	-6,309	-4,667	-4,006	5.0%
Free Cash Flow		-23,673	8,582	15,425	-20,037	-3,746	-2,847	-
Free Cash Flow per share		-\$57.87	\$21.99	\$41.08	-\$55.61	-\$10.53	-\$8.00	-
▼ Profitability								
Operating Margin		39.9%	38.0%	35.2%	43.0%	47.3%	43.9%	2.1%
Return on Assets		0.5%	1.1%	0.9%	0.8%	1.5%	1.0%	17.8%
Return on Equity		4.5%	10.9%	8.7%	9.3%	19.2%	13.3%	26.0%
Return on Invested Capital		3.7%	6.8%	6.9%	4.6%	6.2%	5.2%	7.19
Dividends								
Dividends Per Share		\$2.90	\$3.15	\$4.15	\$5.00	\$6.50	\$10.00	30.1%
Dividend Yield		1.2%	1.9%	2.2%	1.9%	2.1%	3.1%	22.5%
Dividend Growth		-	8.6%	31.7%	20.5%	30.0%	100.0%	93.6%
Dividend Coverage		3.1x	8.1x	5.1x	5.0x	9.3x	5.6x	13.1%

VALUATION & F	PROFITABILITY	/ HISTOR	Y			
Date →		TTM	1 Yr	2 Yrs.	3 Yrs.	4 Yrs.
			Ago	Ago	Ago	Ago
Price / Earnings		7.4	9.9	10.9	9.1	21.2
Price / Cash Flow		100.0	4.2	4.9	-	-
Price / Book		1.0	1.5	0.9	0.9	1.2
Price / Tangible B	ıİ.	1.1	1.6	0.9	0.9	1.3
Price / Sales	l	2.3	2.7	2.3	2.6	3.0
EV / EBITDA		-	-	-	-	-
Dividend Yield	.u_l	3.1%	1.3%	2.5%	2.3%	1.4%
Shareholder Yield	dl.	5.3%	4.0%	9.4%	8.6%	6.7%
Gross Margin		0.0%	0.0%	0.0%	0.0%	0.0%
Net Margin	.1.11	31.7%	36.5%	14.7%	30.5%	17.1%
Return on Assets	_1_lı	1.0%	1.5%	0.5%	1.0%	0.6%
Return on Equity	h	13.3%	19.3%	5.4%	10.1%	5.8%
ROIC	_L	5.2%	6.0%	4.9%	7.0%	4.6%

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Goldman Sachs Group (GS)

Financial Services / Capital Markets



WARNINGS

 Name
 Severity
 Details

 Negative Sales Growth Years
 Medium ⋈
 Number of Years: 6; Sales 1Y Chg (%): -7.7%

In the last decade this company has had several years with negative revenue growth. If the top-line sales are shrinking this company could be a value trap that looks inexpensive on some measures but never outperforms the market.

High Stock Based Compensat... Medium ▶ Compensation Yield: 3.5%

Stock based compensation is a drag on the return to investors. The Compensation Yield metric shows the percent of the market cap that has been given to managers and employees over the last year alone. This dilutes the value of all other shareholders.

REPORT TIPS

Metric Definitions

Metric descriptions are available at stockrover.com/help/metrics/metric-overview

Quantitative Scores

Our scores analytics is to offer our concise analysis of a stock in powerful, but easy to digest format. Each of the composite score metrics are designed to use the best available accounting practices as well as source data from SEC filings. The scores are computed for a company vs. the market as a whole.

Fair Value

Fair value performs a forecasted discounted cash flow analysis of a company to determine the company's intrinsic value based on the expected future cash flows the company will produce. It basically determines what a company is worth based on how much cash flow it is expected to generate for you in the future, taking into account the time value of money and the predictability of those forecasted cash flows.

<u>Peers</u>

Peer ratings are computed from raking companies in the same

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