

## Amgen Inc.

## Thoughts post the 4Q call

Reiterate Rating: NEUTRAL | PO: 315.00 USD | Price: 316.07 USD

### Solid 4Q and 2024 guide; obesity remains key focus

Amgen had a solid 40 (+\$77M and +\$0.11 vs. cons) and issued moderately better than expected 2024 revenue guidance (\$33.1B at the midpoint) with non-GAAP EPS guidance coming in slightly below consensus (\$19.60 at the midpoint). Overall, there weren't many surprises on 4Q results (which included Horizon) or in guidance with a solid growth outlook for 2024, driven by portfolio expansion into the rare disease space. That said, obesity remains a major key investor focus with updates on the 4Q call as largely incremental. Indeed, following the recent publication of AMG133 phase 1 data and Lilly's competitive commentary on their 4Q call, some investors are likely disappointed that Amgen didn't take a more aggressive approach regarding biomarker results or efficacy / tolerability positioning versus Lilly's tirzepatide. We'd argue that it is a widely held consensus that Amgen could be third to the diabetes / obesity market behind Lilly and Novo, but there is still a lot of de-risking in phase 2 / phase 3, and well before market differentiation discussions can be had by Amgen. Indeed, with a high bar on efficacy + tolerability set by Lilly and Novo and given numerous treatment arms being studied in Amgen's phase 2 as well as the recent addition of part 2 extension study, there appears to be an increasing risk of an outcome that comes in below investor expectations later this year. That being said, we'll have to wait for phase 2 data in 2H in order to truly assess AMG 133's competitive profile. To that end, we reiterate Neutral rating, \$315 PO.

### Pipeline assets provide optionality

Despite being highly competitive markets across several therapeutic areas, such as cardiometabolic, I&I, and heme/onc, we think there's a lot to like in Amgen's pipeline given recent progress, including 1) AMG 786 / 133 for obesity (phase 1 data in 1H24 and phase 2 data in late 2024, respectively), 2) Tezspire for COPD (phase 2 data in 1H24), 3) Uplizna phase 3 data in myasthenia gravis and IgG4-related disease (2H24), 4) rocatinlimab for atopic dermatitis (first phase 3 data in 2H24), and 5) AMG 670 phase 2 IPF data in 2H24. These data readouts could be a driver of multiple expansion, but we'd argue that there is a lot of implied value for obesity already reflected in shares.

### Model updates

Post 4Q results, we forecast \$32.8B in revenue and \$19.50 non-GAAP EPS for 2024e.

Estimates (Dec) (US\$)	2022A	2023A	2024E	2025E	2026E
EPS	17.69	18.65	19.50	20.75	21.35
GAAP EPS	12.11	12.49	9.07	10.39	21.35
EPS Change (YoY)	3.5%	5.4%	4.6%	6.4%	2.9%
Consensus EPS (Bloomberg)			19.83	21.11	22.08
DPS	7.76	8.59	9.47	10.44	11.46
Valuation (Dec)					
P/E	17.9x	16.9x	16.2x	15.2x	14.8x
GAAP P/E	26.1x	25.3x	34.8x	30.4x	14.8x
Dividend Yield	2.5%	2.7%	3.0%	3.3%	3.6%
EV / EBITDA*	14.3x	14.3x	13.3x	13.3x	13.5x
Free Cash Flow Yield*	5.2%	4.3%	3.5%	4.1%	4.2%
* For full definitions of <i>IQ</i> method <sup>SM</sup> measures, see page 6.					

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Refer to important disclosures on page 7 to 9. Analyst Certification on page 4. Price
Objective Basis/Risk on page 4.

Timestamp: 06 February 2024 10:24PM EST

#### 06 February 2024

#### Equity

<b>Key Changes</b>		
(US\$)	Previous	Current
2024E Rev (m)	32,271.3	32,844.3
2025E Rev (m)	32,957.1	33,451.7
2026E Rev (m)	32,734.8	33,122.5
2024E EPS	19.75	19.50
2025E EPS	21.15	20.75
2026E EPS	21.25	21.35

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#### Stock Data

Price	316.07 USD
Price Objective	315.00 USD
Date Established	8-Jan-2024
Investment Opinion	B-2-7
52-Week Range	211.71 USD - 329.72 USD
Mrkt Val (mn) / Shares Out	169,154 USD / 535.2
(mn)	
Free Float	99.8%
Average Daily Value (mn)	792.15 USD
BofA Ticker / Exchange	AMGN / NAS
Bloomberg / Reuters	AMGN US / AMGN.OQ
ROE (2024E)	167.8%
Net Dbt to Eqty (Dec-2023A)	NA
ESGMeter™	High

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

# **iQ**profile<sup>™</sup> Amgen Inc.

iQmethod <sup>™</sup> – Bus Performance*					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Return on Capital Employed	22.0%	17.1%	16.1%	17.2%	18.0%
Return on Equity	184.7%	204.4%	167.8%	171.0%	190.0%
Operating Margin	48.5%	47.5%	46.2%	46.8%	47.5%
Free Cash Flow	8,785	7,318	5,987	6,855	7,050
<i>iQ</i> method <sup>™</sup> – <b>Quality of Earnings*</b>					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Cash Realization Ratio	1.0x	0.8x	0.7x	0.7x	0.7>
Asset Replacement Ratio	0.3x	0.4x	0.4x	0.5x	0.5
Tax Rate	13.8%	16.5%	16.4%	16.4%	16.4%
Net Debt-to-Equity Ratio	NM	NM	NM	NM	NM
Interest Cover	7.7x	9.7x	5.8x	6.8x	7.9>
Income Statement Data (Dec)					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Sales	26,323	28,190	32,844	33,452	33,122
% Change	1.3%	7.1%	16.5%	1.8%	-1.0%
Gross Profit	22,372	23,617	27,448	28,020	27,834
% Change	1.8%	5.6%	16.2%	2.1%	-0.7%
EBITDA	16,178	16,167	17,385	17,450	17,235
% Change	2.3%	-0.1%	7.5%	0.4%	-1.2%
Net Interest & Other Income	(1,661)	(1,382)	(2,630)	(2,300)	(2,000)
Net Income (Adjusted) % Change	9,570 -2.3%	10,034 4.8%	10,491 4.6%	11,163 6.4%	11,479 2.8%
Free Cash Flow Data (Dec)					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Net Income from Cont Operations (GAAP)	6,552	6,717	4,880	5,587	11,479
Depreciation & Amortization	3,417	2,768	2,206	1,797	1,504
Change in Working Capital	(733)	(1,570)	(593)	(77)	42
Deferred Taxation Charge	(1,198)	0	0	0	(
	4 600	401	401	401	(5,159
Other Adjustments, Net	1,683	401			
Capital Expenditure	1,683 (936)	(999)	(907)	(853)	
Capital Expenditure Free Cash Flow	(936) <b>8,785</b>	(999) <b>7,318</b>	(907) <b>5,987</b>	6,855	7,050
Capital Expenditure Free Cash Flow % Change	(936) <b>8,785</b> <b>4.8%</b>	(999) <b>7,318</b> - <b>16.7%</b>	(907) <b>5,987</b> - <b>18.2%</b>	6,855 14.5%	7,050 2.8%
Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase	(936) <b>8,785</b> <b>4.8%</b> (6,360)	(999) <b>7,318</b> - <b>16.7%</b> 0	(907) <b>5,987</b> - <b>18.2%</b> 0	<b>6,855 14.5%</b> 0	<b>7,050 2.8%</b> (1,500
Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid	(936) <b>8,785</b> <b>4.8%</b> (6,360) (4,196)	(999) <b>7,318</b> <b>-16.7%</b> 0 (4,621)	(907) <b>5,987</b> <b>-18.2%</b> 0 (5,095)	<b>6,855 14.5%</b> 0 (5,617)	<b>7,050 2.8%</b> (1,500) (6,163)
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Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec)	(936) <b>8,785</b> <b>4.8%</b> (6,360) (4,196) 6,622	(999) <b>7,318</b> <b>-16.7%</b> 0 (4,621) 26,263	(907) <b>5,987</b> <b>-18.2%</b> 0 (5,095) (3,000)	6,855 14.5% 0 (5,617) (3,000)	(816) <b>7,050</b> <b>2.8%</b> (1,500) (6,163) (2,000)
Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions)	(936) <b>8,785</b> <b>4.8%</b> (6,360) (4,196) 6,622	(999) 7,318 -16.7% 0 (4.621) 26,263	(907) 5,987 -18.2% 0 (5,095) (3,000)	6,855 14.5% 0 (5,617) (3,000)	7,050 2.8% (1,500) (6,163) (2,000)
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Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables	(936) <b>8,785</b> <b>4.8%</b> (6,360) (4,196) 6,622 <b>2022A</b> 9,305 5,563	(999) <b>7,318</b> <b>-16.7%</b> 0 (4,621) 26,263 <b>2023A</b> 10,465 5,312	(907) <b>5,987</b> <b>-18.2%</b> 0 (5,095) (3,000) <b>2024E</b> 8,356 6,189	6,855 14.5% 0 (5,617) (3,000) 2025E 6,594 6,303	7,050 2.8% (1,500) (6,163) (2,000) 2026 3,981 6,241
Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets	(936) <b>8,785</b> <b>4.8%</b> (6,360) (4,196) 6,622 <b>2022A</b> 9,305 5,563 7,318	(999) 7,318 -16.7% 0 (4,621) 26,263  2023A 10,465 5,312 7,002	(907) <b>5,987</b> <b>-18.2%</b> 0 (5,095) (3,000) <b>2024E</b> 8,356 6,189 8,158	6,855 14.5% 0 (5,617) (3,000) 2025E 6,594 6,303 8,309	7,050 2.8% (1,500) (6,163) (2,000) 2026 3,981 6,241 8,227
Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	(936) <b>8,785</b> <b>4.8%</b> (6,360) (4,196) 6,622 <b>2022A</b> 9,305 5,563 7,318 5,427	(999) <b>7,318</b> <b>-16.7%</b> 0 (4,621) 26,263 <b>2023A</b> 10,465 5,312 7,002 13,381	(907) <b>5,987</b> <b>-18.2%</b> 0 (5,095) (3,000) <b>2024E</b> 8,356 6,189 8,158 13,186	6,855 14.5% 0 (5,617) (3,000) 2025E 6,594 6,303 8,309 13,140	7,05C 2.8% (1,500 (6,163 (2,000) 2026 3,981 6,241 8,227 13,204
Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets	(936) <b>8,785</b> <b>4.8%</b> (6,360) (4,196) 6,622 <b>2022A</b> 9,305 5,563 7,318 5,427 37,508	(999) 7,318 -16.7% 0 (4,621) 26,263  2023A 10,465 5,312 7,002 13,381 56,764	(907) <b>5,987</b> <b>-18.2%</b> 0 (5,095) (3,000) <b>2024E</b> 8,356 6,189 8,158 13,186 56,830	6,855 14.5% 0 (5,617) (3,000) 2025E 6,594 6,303 8,309 13,140 56,084	7,05c 2.8% (1,500 (6,163 (2,000) 2026 3,981 6,241 8,227 13,204 55,249
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Capital Expenditure  Free Cash Flow  % Change  Share / Issue Repurchase  Cost of Dividends Paid  Change in Debt  Balance Sheet Data (Dec)  (US\$ Millions)  Cash & Equivalents  Trade Receivables  Other Current Assets  Property, Plant & Equipment  Other Non-Current Assets  Total Assets  Short-Term Debt  Other Current Liabilities	(936) <b>8,785</b> <b>4.8%</b> (6,360) (4,196) 6,622 <b>2022A</b> 9,305 5,563 7,318 5,427 37,508 <b>65,121</b> 1,591 14,096	(999) 7,318 -16.7% 0 (4,621) 26,263  2023A 10,465 5,312 7,002 13,381 56,764 92,924 5,591 13,127	(907) 5,987 -18.2% 0 (5,095) (3,000)  2024E 8,356 6,189 8,158 13,186 56,830 92,718 5,591 15,294	6,855 14.5% 0 (5,617) (3,000) 2025E 6,594 6,303 8,309 13,140 56,084 90,430 5,591 15,577	7,05c 2.8% (1,500 (6,163 (2,000 2026 3,98° 6,24° 8,227 13,204 55,249 86,903 5,59° 15,423
Capital Expenditure  Free Cash Flow  % Change  Share / Issue Repurchase  Cost of Dividends Paid  Change in Debt  Balance Sheet Data (Dec)  (US\$ Millions)  Cash & Equivalents  Trade Receivables  Other Current Assets  Property, Plant & Equipment  Other Non-Current Assets  Total Assets  Short-Term Debt  Other Current Liabilities  Long-Term Debt	(936) <b>8,785 4.8%</b> (6,360) (4,196) 6,622 <b>2022A</b> 9,305 5,563 7,318 5,427 37,508 <b>65,121</b> 1,591 14,096 37,354	(999) 7,318 -16.7% 0 (4,621) 26,263  2023A 10,465 5,312 7,002 13,381 56,764 92,924 5,591 13,127 59,617	(907) 5,987 -18.2% 0 (5,095) (3,000)  2024E 8,356 6,189 8,158 13,186 56,830 92,718 5,591 15,294 56,617	6,855 14.5% 0 (5,617) (3,000) 2025E 6,594 6,303 8,309 13,140 56,084 90,430 5,591 15,577 53,617	7,05C 2.8% (1,500 (6,163 (2,000) 2026 3,981 6,241 8,227 13,204 55,249 86,903 5,591 15,423 51,617
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Capital Expenditure  Free Cash Flow  % Change  Share / Issue Repurchase  Cost of Dividends Paid  Change in Debt  Balance Sheet Data (Dec)  (US\$ Millions)  Cash & Equivalents  Trade Receivables  Other Current Assets  Property, Plant & Equipment  Other Non-Current Assets  Total Assets  Short-Term Debt  Other Current Liabilities  Long-Term Debt	(936) <b>8,785 4.8%</b> (6,360) (4,196) 6,622 <b>2022A</b> 9,305 5,563 7,318 5,427 37,508 <b>65,121</b> 1,591 14,096 37,354	(999) 7,318 -16.7% 0 (4,621) 26,263  2023A 10,465 5,312 7,002 13,381 56,764 92,924 5,591 13,127 59,617	(907) 5,987 -18.2% 0 (5,095) (3,000)  2024E 8,356 6,189 8,158 13,186 56,830 92,718 5,591 15,294 56,617	6,855 14.5% 0 (5,617) (3,000) 2025E 6,594 6,303 8,309 13,140 56,084 90,430 5,591 15,577 53,617	7,050 2.8% (1,500) (6,163) (2,000) 2026 3,981 6,241

### **Company Sector**

Biotechnology

### **Company Description**

Amgen is a biopharmaceutical company that develops, manufactures, and markets biologic therapies for oncology, inflammation, and rare disease. Amgen's five key marketed products are among the top selling pharmaceutical products in the world, with collective revenues of >\$25B in 2021.

### **Investment Rationale**

Our Neutral rating is based on a solid outlook, despite legacy product risk, and new product launches. But emerging LOE and LT growth remain a concern, offset by pipeline potential that adds optionality LT

### Stock Data

Average Daily Volume

2,506,254

### **Quarterly Earnings Estimates**

	2023	2024
Q1	NAA	NA
Q2	NAA	NA
Q3	NAA	NA
Q4	NAA	NA



Abbreviation

LOE: loss of exclusivity

Heme/onc: hematology/oncology

AD: atopic dermatitis

SCLC: small-cell lung cancer

COPD: chronic obstructive pulmonary disease

IPF: Idiopathic pulmonary fibrosis

I&I: Inflammation and Immunology



### Price objective basis & risk

### Amgen Inc. (AMGN)

Our PO for AMGN is \$315 per share. We value AMGN using a sum of the parts NPV analysis of key marketed drugs (\$240/sh) and pipeline and others (\$156/sh), which assumes a range of weighted average cost of capital (WACC) from 5% and terminal growth rate ranging from -5% to -30% depending on the product lifecycle. Our PO also reflects -\$81/sh in net debt.

Upside risks to our price objective are 1) less than-expected base business erosion2) stronger-than-expected sales of Lumakras, Tezspire, Tepezza, and 3) competitor clinical trial failures

Downside risks to our price objective are 1) faster-than-expected revenue erosion from legacy brands, 2) slower-than-expected growth of new drug launches, and 3) clinical trial failures.

### **Analyst Certification**

I, Geoff Meacham, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

#### **US - Biopharmaceuticals Coverage Cluster**

Bybio, Inc Acumen Pharma ABOS ABOS US Geoff Meacham Agos Pharmaceuticals Agio Pharmaceuticals AGIO AGIO US Greg Harrison, CFA Amylyx Pharmaceuticals AMIX AMIX US Geoff Meacham BloMarin BloMarin BloXcel Therapeutics BTAI BridgeBio Pharma BBIO BBIO US Greg Harrison, CFA BridgeBio Pharma BBIO BBIO US Greg Harrison, CFA Caribou CRISU CRIBU CRIBU US Geoff Meacham CRISPR Therapeutics CRSP CRSP US Geoff Meacham CRISPR Therapeutics CRSP US Geoff Meacham CRISPR Therapeutics CRSP US Geoff Meacham Glided Sciences Inc Glid UT UT US Geoff Meacham HUTCHMED HCM HCM US Alex W Stranshan Immatics IMIX IMIX US Alex W Stranshan Immatics IMIX IMIX US Alex W Stranshan Insmed Incorporated INSM INSM INSM INSM INSM US Jason Zemansky Intellal Therapeutics INTLA INTLA US Greg Harrison, CFA Geoff Meacham Keros KROS KROS KROS KROS US Greg Harrison, CFA Kiniksa Pharmaceuticals, Ltd. KNSA KNSA KNSA US Geoff Meacham Kura Oncology KURRA KURA US Liquidia Corporation Liyel Liquidia Corporation Neric S RON	Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
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			SANA	SANA US	Geoff Meacham
			SWTX	SWTX US	Alec W. Stranahan



### **US - Biopharmaceuticals Coverage Cluster**

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
	Syndax Pharmaceuticals	SNDX	SNDX US	Jason Zemansky
	Travere Therapeutics Inc	TVTX	TVTX US	Greg Harrison, CFA
	Turnstone Biologics	TSBX	TSBX US	Geoff Meacham
	Vertex Pharmaceuticals Inc.	VRTX	VRTX US	Geoff Meacham
	Werewolf Therapeutics	HOWL	HOWL US	Jason Zemansky
	Xencor	XNCR	XNCR US	Alec W. Stranahan
NEUTRAL				
	AbbVie	ABBV	ABBV US	Geoff Meacham
	Alector, Inc	ALEC	ALEC US	Greg Harrison, CFA
	Amgen Inc.	AMGN	AMGN US	Geoff Meacham
	Arcus Biosciences	RCUS	RCUS US	Jason Zemansky
	Beam Therapeutics	BEAM	BEAM US	Greg Harrison, CFA
	Biogen Inc.	BIIB	BIIB US	Geoff Meacham
	Bristol-Myers Squibb	BMY	BMY US	Geoff Meacham
	Cytokinetics, Incorporated	CYTK	CYTK US	Jason Zemansky
	Editas Medicine	EDIT	EDIT US	Greg Harrison, CFA
	Erasca	ERAS	ERAS US	Alec W. Stranahan
	Esperion	ESPR	ESPR US	Jason Zemansky
	Exscientia	EXAI	EXALUS	Alec W. Stranahan
	IGM Biosciences	IGMS	IGMS US	Greg Harrison, CFA
	Johnson & Johnson	JNJ	INI US	Geoff Meacham
	Kymera Therapeutics	KYMR	KYMR US	Geoff Meacham
	Moderna	MRNA	MRNA US	Geoff Meacham
	Pfizer	PFE	PFE US	Geoff Meacham
	Recursion Pharmaceuticals, Inc.	RXRX	RXRX US	Alec W. Stranahan
	Tyra Biosciences	TYRA	TYRA US	Greg Harrison, CFA
	Vir	VIR	VIRUS	Geoff Meacham
	Y-mAbs Therapeutics, Inc	YMAB	YMAB US	Alec W. Stranahan
UNDERPERFORM				
	AlloVir, Inc.	ALVR	ALVR US	Jason Zemansky
	CureVac	CVAC	CVAC US	Geoff Meacham
	Day One Biopharmaceuticals	DAWN	DAWN US	Alec W. Stranahan
	LianBio	LIAN	LIAN US	Geoff Meacham
	Novavax	NVAX	NVAX US	Alec W. Stranahan
	Regeneron Pharmaceuticals Inc.	REGN	REGN US	Geoff Meacham
	Reneo Pharmaceuticals	RPHM	RPHM US	Jason Zemansky
	TG Therapeutics	TGTX	TGTX US	Alec W. Stranahan
	United Therapeutics Corporation	UTHR	UTHR US	Greg Harrison, CFA



### *IQ*method<sup>™</sup> Measures Definitions

<b>Business Performance</b>	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) $\times$ (1 - Tax Rate) + Goodwill Amortization	Total Assets – Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations — Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt — Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
•	Other LT Liabilities	

EV / EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

\*\*Menethod 3\*\*\*is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

\*\*Redatabase\*\* is our real-time global research database that is sourced directly from our equity analysts' earnings models and includes forecasted as well as historical data for income statements, balance sheets, and cash flow statements for companies covered by BofA Global Research.

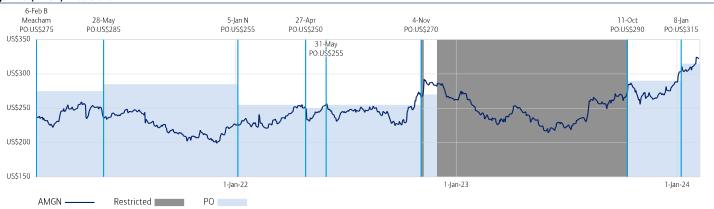
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#### Amgen Inc. (AMGN) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

#### Equity Investment Rating Distribution: Health Care Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	234	60.94%	Buy	115	49.15%
Hold	80	20.83%	Hold	36	45.00%
Sell	70	18.23%	Sell	29	41.43%

#### Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

R1 Issuers that were investment banking clients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

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# Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster<sup>R2</sup>

Buy	≥ 10%	≤ /0%
Neutral	≥ 0%	≤ 30%
Jnderperform	N/A	≥ 20%

Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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