



JPMorgan & Chase Co. (JPM)

Updated October 19th, 2019 by Josh Arnold

Key Metrics

Current Price:	\$121	5 Year CAGR Estimate:	7.1%	Volatility Percentile:	41.1%
Fair Value Price:	\$114	5 Year Growth Estimate:	5.5%	Momentum Percentile:	68.9%
% Fair Value:	106%	5 Year Valuation Multiple Estimate:	-1.1%	Growth Percentile:	55.1%
Dividend Yield:	3.0%	5 Year Price Target	\$149	Valuation Percentile:	49.4%
Dividend Risk Score:	C	Retirement Suitability Score:	C	Total Return Percentile:	42.0%

Overview & Current Events

JPMorgan was founded in 1799 as one of the first commercial banks in the US. Since then it has merged or acquired more than 1,200 different institutions, creating a global banking behemoth with a \$378 billion market capitalization and \$115 billion in annual revenue. JPMorgan competes in every major segment of financial services, including consumer banking, commercial banking, home lending, credit cards, asset management and investment banking.

JPMorgan reported Q3 earnings on 10/15/19 and results were strong once again. Earnings-per-share came to \$2.68 in Q3, well in excess of consensus at \$2.45. This is down somewhat from Q2, but was up from \$2.34 in the year-ago period.

JPMorgan saw strength in fee and interest-generating assets as volumes from home lending and credit cards contributed. Net interest income was up \$300 million year-over-year to \$14.4 billion, but credit costs were up \$600 million from last year's Q3 to \$1.5 billion.

The bank's core consumer banking segment saw its net income rise \$187 million year-over-year to \$4.27 billion, which was also \$99 million higher than Q2. Corporate and investment banking net income was up \$183 million year-over-year to \$2.81 billion, but was off from Q2. Commercial banking net income was down significantly, falling from \$152 million year-over-year to \$937 million. Asset management net income was down as well, declining \$56 million to \$668 million from last year's Q3.

JPMorgan's efficiency ratio came in at 55% during Q3, which is in line with the most efficient of its peers.

JPMorgan's balance sheet remains in excellent shape as its supplementary leverage ratio is 6.3% and its common equity tier 1 ratio is 12.3%, which are both among the highest of the nation's large banks. The company also distributed \$9.6 billion to shareholders in Q3, \$2.9 billion of which was the dividend, and the balance through share repurchases.

We've moved our estimate for this year's earnings-per-share up from \$10 to \$10.35 following strong Q3 results.

Growth on a Per-Share Basis

Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2024
EPS	\$2.24	\$3.96	\$4.48	\$5.20	\$4.35	\$5.29	\$6.00	\$6.19	\$6.87	\$9.00	\$10.35	\$13.53
DPS	\$0.20	\$0.20	\$1.00	\$1.20	\$1.44	\$1.58	\$1.72	\$1.88	\$2.12	\$2.48	\$3.60	\$4.80
Shares¹	3,942	3,910	3,772	3,804	3,756	3,714	3,664	3,561	3,425	3,340	3,250	2,900

We see JPMorgan achieving 5.5% average annual growth in the years to come, although growth will be stronger in 2019. The bank will achieve this with low-single-digit revenue growth, continued net interest income growth, as well as a meaningful tailwind from the ongoing share buyback program. JPMorgan's balance sheet and earnings potential are more than sufficient to produce a nice tailwind from repurchases indefinitely, but its leverage to the credit card market – which is seeing loss rates continue to rise from historical lows – as well as the flattening yield curve may keep a lid on profitability going forward. JPMorgan has been able to skillfully navigate a tricky rate environment and produce strong returns, and we expect that will continue indefinitely.

¹ Share count in millions

Disclosure: This analyst has no position in the security discussed in this research report, and no plans to initiate one in the next 72 hours.



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Recent years have seen double-digit payout growth and we see that continuing, given that JPMorgan's payout ratio is still very low. We forecast the dividend being around \$4.80 per share in five years as the bank continues to expand the payout with earnings growth. This projected payout growth is a strong reason to consider the stock for income investors. In addition, the most recent dividend increase was sizable and the payout is now \$3.60 per share.

Valuation Analysis

Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Now	2024
Avg. P/E	15.8	10.2	8.8	7.5	11.9	11.0	10.6	10.6	13.4	12.3	11.6	11.0
Avg. Yld.	0.6%	0.5%	2.5%	3.1%	2.8%	2.7%	2.7%	2.9%	2.3%	2.2%	3.0%	3.2%

JPMorgan's price-to-earnings ratio is even with where it was at the time of our last report, sitting at 11.6 today. A slight rise in earnings estimates has been matched by a move higher in the share price. That is very near our estimate for fair value at 11 times earnings, but does imply a -1.1% headwind to total returns annually. The yield should remain around 3% for the foreseeable future as the dividend roughly keeps pace with earnings growth and share price appreciation.

Safety, Quality, Competitive Advantage, & Recession Resiliency

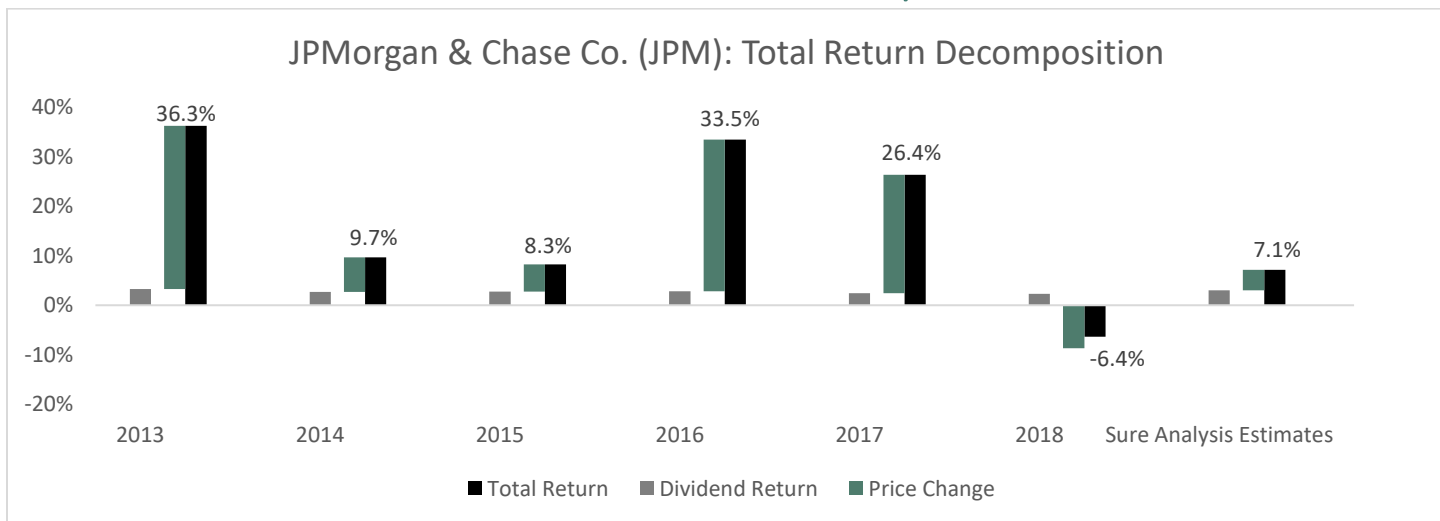
Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2024
Payout	18%	9%	25%	25%	36%	33%	33%	34%	35%	28%	35%	36%

We see the payout ratio remaining in the mid-30% range following the recent dividend increase. JPMorgan is spending heavily on buybacks but is still able to increase the dividend at fairly high rates. We see the payout as very safe and as a good choice for income investors given strong earnings growth, and a willingness to return that capital to shareholders. JPMorgan's competitive advantages include its enormous scale, diversified revenue streams and world class reputation. However, it is susceptible to recessions, just like any other bank, and earnings will suffer during the next downturn.

Final Thoughts & Recommendation

Overall, we see JPMorgan as a strong franchise with reasonable growth ahead of it, and a fair valuation. However, the total return outlook has deteriorated given the recent rally in the stock, and we now expect 7.1% total annual returns to shareholders. We like JPMorgan for its continued strong performance and enormous capital return program. However, mid-single-digit total expected returns have us reiterating our hold rating despite the strong Q3 report.

Total Return Breakdown by Year



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Income Statement Metrics

Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Revenue (\$B)	100.4	102.7	97.2	97.0	97.4	95.1	93.5	96.6	100.7	109.0
SG&A Exp.	33329	35254	37127	38386	38735	38514	38651	39953	41823	45209
D&A Exp.	4358	4965	5105	5147	5306	4759	4940	5478	6179	7791
Net Profit	11728	17370	18976	21284	17886	21745	24442	24733	24441	32474
Net Margin	11.7%	16.9%	19.5%	21.9%	18.4%	22.9%	26.1%	25.6%	24.3%	29.8%
Free Cash Fl. (\$B)	122797	-3752	95932	25079	108B	36593	73466	21884	-10.8B	14187
Income Tax	4415	7489	7773	7633	8789	8954	6260	9803	11459	8290

Balance Sheet Metrics

Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total Assets (\$B)	2032	2118	2266	2359	2416	2572	2352	2491	2534	2623
Cash & Eq. (\$B)	89	49	145	176	356	512	361	390	431	279
Acc. Receivable	N/A	N/A	61478	60933	65160	70079	46605	52330	67729	73200
Goodwill	68509	66542	58618	58024	59313	56275	54948	54246	54392	54349
Total Liab. (\$B)	1867	1941	2082	2155	2205	2341	2104	2237	2278	2366
Acc. Payable (\$B)	163	170	203	195	194	207	178	110	103	115
LT Debt (\$B)	364	340	308	304	326	343	304	307	336	351
Total Equity (\$B)	157	168	176	195	200	212	222	228	230	230
D/E Ratio	2.20	1.93	1.68	1.49	1.54	1.48	1.23	1.21	1.31	1.37

Profitability & Per Share Metrics

Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Return on Assets	0.6%	0.8%	0.9%	0.9%	0.7%	0.9%	1.0%	1.0%	1.0%	1.3%
Return on Equity	8.0%	10.7%	11.0%	11.5%	9.1%	10.6%	11.3%	11.0%	10.7%	14.1%
ROIC	2.3%	3.3%	3.8%	4.3%	3.4%	3.9%	4.3%	4.4%	4.2%	5.4%
Shares Out.	3,942	3,910	3,772	3,804	3,756	3,714	3,664	3,561	3,425	3,340
Revenue/Share	25.89	25.82	24.80	25.39	25.52	25.05	24.79	26.17	28.16	31.94
FCF/Share	31.65	-0.94	24.47	6.56	28.30	9.64	19.47	5.93	-3.03	4.16

Note: All figures in millions of U.S. Dollars unless per share or indicated otherwise.

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