

# J.P.Morgan

JPMorgan Chase & Co  
NYSE: JPM

Monetary values are expressed in USD, based on data collected on 19 November 2025.

Date	Adj. Close	Returns	Sorted Returns	Replication	Simulated Returns
03 April 2025	225.11	-0.069678059	0.08090848	1	-0.013409894
02 April 2025	241.97	0.279181645	0.074896717	2	0.009248098
11 April 2024	189.16	0.241451729	0.069123382	3	-0.000206437
13 January 2022	152.37	0.18180408	0.065449969	4	0.005844736
08 March 2023	128.93	-0.389015259	0.057236572	5	-0.014899566
09 September 2024	211.02	0.675426757	0.054730844	6	0.00339789
14 March 2023	125.95	0.101539269	0.049583333	7	-0.006109737
09 June 2022	114.34	-0.423166179	0.048221489	8	-0.011245775
17 May 2024	198.22	-0.278859097	0.04706566	9	-0.008061761
19 February 2025	274.87	0.136108126	0.046645343	10	-0.01564797
06 November 2024	241.94	0.195296675	0.045187489	11	0.02099946
01 August 2024	202.41	0.41535557	0.044319472	12	0.001024106
14 January 2022	143.01	0.06707954	0.043792424	13	-0.001853288
25 February 2022	134.02	-0.438024153	0.043525656	14	0.005762896
07 March 2025	238.48	-0.070398378	0.043310876	15	0.030205156
03 March 2025	256.54	1.107450916	0.041448463	16	-0.005186122
04 March 2022	121.73	-0.004904766	0.040160643	17	-0.007778824
16 March 2023	122.33	-0.047496691	0.039249002	18	-0.001806273
28 February 2022	128.43	-0.046052143	0.039161744	19	0.02660072
26 October 2023	134.63	0.306960489	0.037370935	20	-0.033273189
13 July 2022	103.01	-0.071981982	0.036109435	21	-0.011398745
12 September 2022	111	-0.653568865	0.036027627	22	-0.011507483
12 November 2025	320.41	0.372675863	0.035317306	23	-0.010456635
17 December 2024	233.42	1.138916888	0.034708985	24	0.004430285
25 August 2022	109.13	-0.197278411	0.033917575	25	-0.009493518
16 July 2021	135.95	0.208014928	0.033604501	26	-0.011181352
28 April 2022	112.54	-0.062322946	0.033330273	27	0.004361466
12 April 2022	120.02	-0.431400417	0.033318984	28	-0.000566034
17 July 2024	211.08	-0.273540749	0.032832608	29	0.022159261
07 July 2025	290.56	-0.038994543	0.032514836	30	0.017981584
04 September 2025	302.35	0.30272739	0.032052157	31	-0.037909089
09 April 2025	232.09	0.543972858	0.031832126	32	-0.013395239
24 November 2021	150.32	0.180925446	0.03107209	33	0.001917365
30 March 2022	127.29	-0.033705306	0.03093869	34	-0.001748662
17 January 2023	131.73	-0.066472964	0.030912506	35	0.025218711
17 September 2021	141.11	0.293637697	0.030827672	36	-0.009825897
10 June 2022	109.08	-0.056972422	0.030709629	37	0.042063093
25 April 2022	115.67	-0.134336177	0.030467706	38	0.004897443
06 March 2023	133.62	0.370320993	0.03030303	39	-0.026446177
10 October 2022	97.51	-0.29874146	0.029781392	40	0.010337152
16 June 2021	139.05	0.304164322	0.029694905	41	-0.003445047
20 September 2022	106.62	-0.105011332	0.029647513	42	0.000961885
21 April 2022	119.13	0.023453608	0.02955665	43	-0.001821451

Value at Risk				
Historical				
Mean			-0.08%	
Standard Deviation			1.53%	
Minimum			-10.35%	
Maximum			8.09%	
Current Market Price			299.41	
Percentile	Confidence	HVaR (%)	Stock Price (H)	HVaR (USD)
5.0%	95.0%	-2.23%	306.10	-6.69
1.0%	99.0%	-3.99%	311.35	-11.94
0.5%	99.5%	-4.48%	312.83	-13.42
Monte Carlo Simulation				
Mean			-0.06%	
Standard Deviation			1.57%	
Minimum			-6.59%	
Maximum			5.06%	
Current Market Price			299.41	
Percentile	Confidence	MCVaR (%)	Stock Price (MC)	MCVar (USD)
5.0%	95.0%	-2.62%	307.24	-7.83
1.0%	99.0%	-3.48%	309.83	-10.42
0.5%	99.5%	-3.89%	311.06	-11.65

