

Nasdaq 2022/2021 Monthly Volumes

Equity Derivatives	U.S. equity options volume (millions of contracts)												
	January	February	March	April	May	June	July	August	September	October	November	December	
	2022	270	241	284	234								
	2021	293	284	315	249	247	286	243	247	245	252	301	258
Equity Derivatives	European options and futures volume (millions of contracts)												
	January	February	March	April	May	June	July	August	September	October	November	December	
	2022	5.9	7.0	10.2	5.3								
	2021	8.3	6.9	7.0	5.0	5.3	5.7	5.0	4.5	6.5	6.6	5.9	5.8
Cash Equities	U.S. matched equity volume (millions of shares)												
	January	February	March	April	May	June	July	August	September	October	November	December	
	2022	44,817	41,659	55,728	40,454								
	2021	48,082	48,971	55,572	35,298	36,467	42,389	34,526	33,755	38,223	35,634	39,862	43,135
Cash Equities	European equity volume (value of shares traded, \$ billion)												
	January	February	March	April	May	June	July	August	September	October	November	December	
	2022	95.9	99.7	119.0	80.5								
	2021	100.5	105.1	117.1	96.5	100.8	96.3	87.5	82.4	104.3	97.8	112.7	88.1
Fixed Income and Commodities	European fixed income (millions of contracts)												
	January	February	March	April	May	June	July	August	September	October	November	December	
	2022	1.7	2.6	3.6	1.7								
	2021	2.1	2.7	3.1	1.5	2.5	3.3	1.4	2.0	3.0	2.3	2.7	2.6
	European energy clearing and trading (in Terawatt hours)												
	January	February	March	April	May	June	July	August	September	October	November	December	
2022 traded	22	23	25	15									
2022 cleared	42	45	49	34									
2021 traded	49	46	42	28	40	46	19	36	51	33	30	30	
2021 cleared	89	86	75	59	71	76	31	62	84	64	58	59	

Nasdaq Quarterly Volumes, Market Share and Listings

Equity Derivatives	U.S. equity options quarterly summary													
		1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22
	Volume (mm contracts)	406	420	434	434	568	612	660	741	892	782	735	811	794
	Market share	38.4%	38.5%	38.2%	38.2%	36.1%	36.4%	36.7%	37.8%	36.5%	35.9%	32.3%	32.8%	32.0%
	Revenue capture per contract	\$0.15	\$0.15	\$0.15	\$0.14	\$0.15	\$0.12	\$0.12	\$0.11	\$0.11	\$0.12	\$0.13	\$0.11	\$0.13
	European options and futures quarterly summary													
		1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22
	Volume (mm contracts)	22.4	22.7	21.8	24.8	28.8	17.6	16.9	17.4	22.2	16.0	16.0	18.3	23.0
	Revenue capture per contract	\$0.42	\$0.40	\$0.39	\$0.40	\$0.39	\$0.44	\$0.48	\$0.56	\$0.43	\$0.50	\$0.55	\$0.55	\$0.44
	Cash Equities	U.S. equity quarterly summary												
		1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22
Matched shares (mm)		90,646	87,697	90,183	79,452	126,840	142,651	123,659	115,384	152,625	114,154	106,504	118,631	142,204
Market share		19.8%	20.1%	20.3%	18.4%	18.7%	18.3%	19.4%	17.3%	17.1%	17.2%	17.0%	17.2%	17.8%
Revenue capture (per 1,000 shares)		\$0.47	\$0.46	\$0.42	\$0.50	\$0.50	\$0.52	\$0.44	\$0.60	\$0.59	\$0.64	\$0.57	\$0.57	\$0.48
European equity quarterly summary														
		1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22
Value of shares traded (\$bn)		211	189	192	202	302	253	237	281	323	294	274	299	315
Market share ²		68.4%	72.1%	74.5%	76.1%	77.1%	78.3%	77.5%	79.4%	78.5%	77.3%	76.3%	75.6%	73.0%
Revenue capture (per \$'000 traded)		\$0.11	\$0.12	\$0.12	\$0.12	\$0.10	\$0.11	\$0.12	\$0.11	\$0.12	\$0.12	\$0.12	\$0.11	\$0.11
Fixed Income and Commodities	European fixed income quarterly summary													
		1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22
	Volume (mm contracts)	7.3	7.5	6.9	6.5	7.3	7.1	5.8	6.0	7.9	7.3	6.3	7.6	7.9
	Revenue capture per contract	\$0.61	\$0.51	\$0.52	\$0.52	\$0.65	\$0.59	\$0.60	\$0.57	\$0.60	\$0.63	\$0.63	\$0.55	\$0.64
	European energy clearing and trading quarterly summary													
		1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22
	Trading volume (TWh)	117	84	96	113	160	95	106	160	137	114	106	92	70
	Clearing volume (TWh)	250	170	194	229	292	184	195	286	250	206	177	180	135
	Trading and Clearing volume (TWh)	367	254	290	341	452	279	301	445	387	320	283	273	205
	Revenue capture per TWh traded and cleared (\$'000)	\$18.8	\$19.3	\$19.4	\$19.0	\$17.5	\$17.5	\$19.4	\$18.5	\$19.5	\$19.7	\$19.6	\$22.8	\$22.1
Index	ETP assets under management (AUM) and futures & options on futures contracts traded tracking Nasdaq indexes													
		1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22
	ETP AUM tracking Nasdaq indexes (in billions)	\$196	\$203	\$207	\$233	\$206	\$272	\$313	\$359	\$385	\$415	\$361	\$424	\$401
	Futures and options on futures contracts volume tracking Nasdaq indexes ³ (mm contracts)	30.0	37.1	46.2	36.0	80.1	69.5	89.4	90.2	105.2	87.5	89.0	104.8	147.4
Listings	Number of Listings													
		1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22
	Companies on The Nasdaq Stock Market	2,671	2,706	2,709	2,728	2,734	2,746	2,840	2,980	3,257	3,398	3,560	3,737	3,795
	Companies on exchanges that comprise Nasdaq Nordic and Nasdaq Baltic	1,018	1,029	1,028	1,040	1,039	1,042	1,049	1,071	1,090	1,152	1,170	1,235	1,244
	Total Listed companies ⁴	3,689	3,735	3,737	3,768	3,773	3,788	3,889	4,051	4,347	4,550	4,730	4,972	5,039
	Exchange Traded Products on The Nasdaq Stock Market ⁵	388	374	382	412	412	410	409	412	410	419	430	441	447
	Total Listings	4,077	4,109	4,119	4,180	4,185	4,198	4,298	4,463	4,757	4,969	5,160	5,413	5,486

1) Current period revenue capture is estimated until confirmed when final quarterly results are issued.

2) European equity trading market share represents portion of on-exchange and MTF total volumes.

3) Options and futures contracts tracking Nasdaq indexes traded on the CME.

4) Number of listed companies for The Nasdaq Stock Market, Nasdaq Nordic, Nasdaq Baltic exchanges and Nasdaq First North at period end.

5) Number of separately listed ETPs on the Nasdaq Stock Market.