

Nasdaq 2018/2017 Monthly Volumes

Equity Derivatives	U.S. equity options volume (millions of contracts)												
	January	February	March	April	May	June	July	August	September	October	November	December	
	2018	165	155	155	138	140	139	131	149	126	189		
	2017	129	120	136	113	137	137	114	134	116	133	144	122
	European options and futures volume (millions of contracts)												
	January	February	March	April	May	June	July	August	September	October	November	December	
2018	6.7	7.2	8.4	7.7	7.6	6.6	6.0	5.6	6.5	8.8			
2017	6.9	6.6	8.1	5.9	9.3	7.0	5.7	5.9	7.6	7.0	6.3	6.5	
Cash Equities	U.S. matched equity volume (millions of shares)												
	January	February	March	April	May	June	July	August	September	October	November	December	
	2018	26,979	31,348	30,291	26,619	27,364	29,818	24,802	27,412	25,614	39,839		
	2017	23,208	22,759	28,773	23,015	26,859	29,473	21,675	24,849	22,592	23,701	25,276	23,744
	European equity volume (value of shares traded, \$ billion)												
	January	February	March	April	May	June	July	August	September	October	November	December	
2018	88	92	80	77	82	73	69	68	67	90			
2017	63	70	73	63	79	78	72	75	75	88	83	67	
Fixed Income and Commodities	US Fixed income volume (\$ billion traded)												
	January	February	March	April	May	June	July	August	September	October	November	December	
	2018	1,627	1,932	1,597	1,242	1,580	1,312	1,018	1,130	1,046	1,628		
	2017	1,686	1,560	1,794	1,481	1,654	1,620	1,297	1,321	1,356	1,433	1,397	1,200
	European fixed income (millions of contracts)												
	January	February	March	April	May	June	July	August	September	October	November	December	
	2018	2.6	2.7	3.0	1.9	2.6	3.0	1.6	2.2	4.1	3.2		
	2017	2.1	2.4	2.8	2.0	2.3	2.7	1.5	2.2	3.1	2.3	3.1	2.9
	European energy clearing and trading (in Terawatt hours)												
January	February	March	April	May	June	July	August	September	October	November	December		
2018 traded	36	42	47	40	54	52	29	48	52	28			
2018 cleared	88	95	89	85	114	106	66	94	117	70			
2017 traded	72	55	80	44	48	46	29	39	61	60	45	31	
2017 cleared	132	105	142	81	96	91	54	82	128	114	100	70	

Nasdaq 2018/2017 Quarterly Volumes, Market Share and Listings

Equity Derivatives	U.S. equity options quarterly summary								
		1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18
	Volume (mm contracts)	385	386	364	399	474	417	407	
	<i>Market share</i>	42.5%	41.4%	41.0%	41.5%	39.7%	38.4%	39.1%	
	Revenue capture per contract	\$0.15	\$0.15	\$0.14	\$0.13	\$0.14	\$0.15	\$0.15	
	European options and futures quarterly summary								
		1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18
	Volume (mm contracts)	21.7	22.2	19.2	19.8	22.3	21.9	18.1	
	Revenue capture per contract	\$0.42	\$0.39	\$0.51	\$0.56	\$0.47	\$0.44	\$0.48	
	Cash Equities	U.S. equity quarterly summary							
		1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18
Matched shares (mm)		74,740	79,347	69,116	72,721	88,618	83,802	77,829	
<i>Market share</i>		17.6%	18.4%	18.1%	18.1%	19.1%	19.1%	19.5%	
Revenue capture (per 1,000 shares)		\$0.47	\$0.49	\$0.52	\$0.52	\$0.48	\$0.52	\$0.48	
European equity quarterly summary									
		1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18
Value of shares traded (\$bn)		206	220	221	238	260	232	204	
<i>Market share</i> ²		65.0%	65.7%	67.9%	71.2%	69.6%	66.9%	65.7%	
Revenue capture (per \$'000 traded)		\$0.11	\$0.10	\$0.11	\$0.11	\$0.11	\$0.11	\$0.12	
Fixed Income and Commodities	U.S. Fixed income quarterly summary								
		1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18
	Volume (\$ billion traded)	5,041	4,755	3,975	4,030	5,156	4,134	3,194	
	European fixed income quarterly summary ³								
		1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18
	Volume (mm contracts)	7.2	7.0	6.8	8.3	8.3	7.5	7.9	
	Revenue capture per contract	\$0.71	\$0.62	\$0.63	\$0.49	\$0.65	\$0.58	\$0.48	
	European energy clearing and trading quarterly summary								
		1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18
	Trading volume (TWh)	207	138	129	136	125	146	128	
Clearing volume (TWh)	379	268	264	284	272	305	276		
<i>Ratio trading/clearing volume</i>	54.5%	51.6%	48.8%	48.0%	46.1%	47.9%	46.4%		
Revenue capture per TWh cleared (\$'000)	\$20.5	\$25.3	\$27.0	\$28.2	\$29.7	\$24.7	\$22.8		
Listings	Number of Listings								
		1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18
	Companies on The Nasdaq Stock Market	2,558	2,567	2,573	2,576	2,593	2,624	2,659	
	Companies on exchanges that comprise Nasdaq Nordic and Nasdaq Baltic	910	945	952	984	986	1,008	1,010	
	Total Listed companies⁴	3,468	3,512	3,525	3,560	3,579	3,632	3,669	
	Exchange Traded Products on The Nasdaq Stock Market ⁵	332	345	362	373	376	380	390	
	Total Listings	3,800	3,857	3,887	3,933	3,955	4,012	4,059	

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) European fixed income volume and capture excludes NLX.

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