

2ND QUARTER, 2018

SECURITIES LISTED ON NEW YORK STOCK EXCHANGE EURONEXT

Route Venues	Publicly Posted Percentages			
	Total (%)	Market (%)	Limit (%)	Other (%)
NYSE	14.68%	1.44%	98.56%	0.00%
Nasdaq	10.95%	0.00%	98.86%	1.14%
BATS Exchange	8.59%	0.00%	61.91%	38.09%
NYSE Arca	7.59%	0.04%	56.71%	43.25%
BYX Exchange	7.24%	0.00%	98.26%	1.74%
EDGX Exchange	5.71%	0.00%	99.59%	0.41%
IEX Exchange	5.58%	0.00%	24.04%	75.96%
UBSS	5.33%	0.00%	3.26%	96.74%
MSCO	4.92%	0.00%	100.00%	0.00%
LATS	3.62%	0.00%	91.41%	8.59%
CDRG	3.50%	0.00%	100.00%	0.00%
FBCO	3.01%	0.00%	100.00%	0.00%
EBXL	2.86%	0.00%	36.45%	63.55%
JPMX	2.67%	0.00%	13.79%	86.21%
EDGA Exchange	2.53%	2.04%	93.60%	4.36%
PDQM	1.74%	0.00%	100.00%	0.00%
Nasdaq BX	1.69%	0.00%	83.92%	16.08%
DBAX	1.64%	0.00%	9.71%	90.29%
NITE	1.56%	0.00%	80.02%	19.98%
ALTX	1.09%	0.00%	0.00%	100.00%
INCA	0.81%	0.00%	3.15%	96.85%
BIDS	0.69%	0.00%	0.00%	100.00%
CXCX	0.55%	0.00%	0.00%	100.00%
PULX	0.40%	0.00%	0.00%	100.00%
LQNA	0.34%	0.00%	0.00%	100.00%
MLCO	0.34%	0.00%	0.00%	100.00%
SGMA	0.19%	0.00%	0.00%	100.00%
AQUA	0.10%	0.00%	0.00%	100.00%
SOHO	0.08%	0.00%	100.00%	0.00%
JSJX	0.00%	0.00%	100.00%	0.00%
NYSE AMEX	0.00%	0.00%	100.00%	0.00%

SECURITIES LISTED ON NASDAQ STOCK MARKET

Route Venues	Publicly Posted Percentages			
	Total (%)	Market (%)	Limit (%)	Other (%)
Nasdaq	27.12%	1.46%	98.40%	0.14%
BATS Exchange	15.72%	0.00%	64.69%	35.31%
NYSE Arca	10.19%	0.00%	50.08%	49.92%
BYX Exchange	6.58%	0.00%	99.28%	0.72%
EDGX Exchange	6.11%	0.00%	99.68%	0.32%
CDRG	4.39%	0.00%	100.00%	0.00%
UBSS	4.22%	0.00%	5.97%	94.03%

IEX Exchange	3.93%	0.00%	42.31%	57.69%
PDQM	2.70%	0.00%	100.00%	0.00%
NITE	2.31%	0.00%	84.88%	15.12%
FBCO	2.22%	0.00%	100.00%	0.00%
Nasdaq BX	2.15%	0.00%	96.33%	3.67%
MSCO	2.13%	0.00%	100.00%	0.00%
EBXL	2.08%	0.00%	9.55%	90.45%
JPMX	1.90%	0.00%	34.54%	65.46%
DBAX	1.44%	0.00%	6.69%	93.31%
BIDS	1.28%	0.00%	0.00%	100.00%
EDGA Exchange	0.87%	9.66%	84.70%	5.64%
LATS	0.83%	0.00%	88.82%	11.18%
INCA	0.44%	0.00%	11.60%	88.40%
SOHO	0.41%	0.00%	100.00%	0.00%
SGMA	0.40%	0.00%	0.00%	100.00%
PULX	0.22%	0.00%	0.00%	100.00%
CXCX	0.16%	0.00%	0.00%	100.00%
ALTX	0.10%	0.00%	0.00%	100.00%
MLCO	0.06%	0.00%	0.00%	100.00%
AQUA	0.05%	0.00%	0.00%	100.00%
NYSE	0.00%	0.00%	100.00%	0.00%

SECURITIES LISTED ON NYSE AMEX

Route Venues	Publicly Posted Percentages			
	Total (%)	Market (%)	Limit (%)	Other (%)
PDQM	19.48%	0.00%	100.00%	0.00%
BYX Exchange	17.72%	0.00%	100.00%	0.00%
BATS Exchange	16.68%	0.00%	77.91%	22.09%
NYSE Arca	9.03%	0.00%	92.72%	7.28%
CDRG	8.77%	0.00%	100.00%	0.00%
Nasdaq	8.01%	0.00%	100.00%	0.00%
NITE	5.75%	0.00%	100.00%	0.00%
EDGA Exchange	3.73%	0.00%	100.00%	0.00%
NYSE AMEX	3.42%	0.00%	100.00%	0.00%
EDGX Exchange	1.54%	0.00%	100.00%	0.00%
SOHO	1.53%	0.00%	100.00%	0.00%
UBSS	1.23%	0.00%	0.00%	100.00%
FBCO	1.18%	0.00%	100.00%	0.00%
MSCO	0.57%	0.00%	100.00%	0.00%
EBXL	0.48%	0.00%	72.73%	27.27%
Nasdaq BX	0.39%	0.00%	100.00%	0.00%
IEX Exchange	0.22%	0.00%	0.00%	100.00%
JPMX	0.09%	0.00%	0.00%	100.00%
CXCX	0.09%	0.00%	0.00%	100.00%
LATS	0.09%	0.00%	100.00%	0.00%