

Kentucky Public Pensions Authority

Domestic and Global Commissions Report

Quarter Ending: June 30, 2021

Kentucky Public Pensions Authority
Domestic Equity - Common Stock Commissions
Quarter Ended June 30, 2021

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
B RILEY AND CO LLC, NEW YORK	107,264	2,642	2,556,838	0.0246	0.1033%
BAIRD, ROBERT W & CO INC, MILWAUKEE	47,842	1,914	707,004	0.0400	0.2707%
BARCLAYS	202,286	2,993	11,085,273	0.0148	0.0270%
BERNSTEIN SANFORD C & CO, NEW YORK	221,685	4,832	9,837,805	0.0218	0.0491%
BNY MELLON CLEARING	122,276	4,138	13,450,715	0.0338	0.0308%
BTIG LLC, NEW YORK	861,814	19,962	23,031,086	0.0232	0.0867%
CANTOR FITZGERALD & CO INC, NEW YORK	366,274	8,976	35,623,522	0.0245	0.0252%
CITIGROUP	121,123	1,260	3,837,523	0.0104	0.0328%
COWEN AND CO LLC, NEW YORK	136,753	3,426	2,917,898	0.0251	0.1174%
CREDIT SUISSE	627,839	12,178	16,920,591	0.0194	0.0720%
DAVIDSON(D A) & CO INC, NEW YORK	26,119	1,045	1,392,114	0.0400	0.0750%
GOLDMAN SACHS	378,107	6,901	30,021,016	0.0183	0.0230%
GUGGENHEIM CAPITAL MARKETS LLC, NEW YORK	37,017	1,481	2,981,307	0.0400	0.0497%
INSTINET CORP	419,187	5,367	12,979,441	0.0128	0.0414%
INVESTMENT TECH GROUP INC, NEW YORK	50,589	1,012	2,186,965	0.0200	0.0463%
ISI GROUP	272,799	4,335	8,586,898	0.0159	0.0505%
J.P MORGAN SECURITIES INC, NEW YORK	525,440	9,847	25,228,861	0.0187	0.0390%
JANNEY MONTGOMERY SCOTT, PHILADELPHIA	13,430	537	352,300	0.0400	0.1525%
JEFFERIES & CO INC, NEW YORK	48,274	672	1,159,775	0.0139	0.0580%
JMP SECURITIES, SAN FRANCISCO	910	36	572,217	0.0400	0.0064%
JONESTRADING INST SVCS LLC, NEW YORK	11,133	334	3,975,757	0.0300	0.0084%
KEEFE BRUYETTE + WOODS INC, NEW YORK	7,830	313	941,605	0.0400	0.0333%
KEYBANC CAPITAL MARKETS INC, NEW YORK	96,533	3,861	6,019,353	0.0400	0.0641%
LIQUIDNET INC, NEW YORK	1,025,499	13,420	28,485,207	0.0131	0.0471%
LUMINEX TRADING AND ANALYTICS, BOSTON	146,937	2,303	11,126,592	0.0157	0.0207%
MERRILL LYNCH	267,737	3,092	10,054,347	0.0115	0.0307%
MKM PARTNERS LLC, GREENWICH	11,737	469	1,455,555	0.0400	0.0323%
MORGAN STANLEY	26,342	844	772,597	0.0320	0.1092%
NATIONAL FINL SVCS CORP, NEW YORK	143,570	5,743	3,500,678	0.0400	0.1640%
NEEDHAM AND CO LLC, NEW YORK	73,150	2,926	5,998,136	0.0400	0.0488%
OPPENHEIMER & CO INC, NEW YORK	18,527	556	93,301	0.0300	0.5957%
PIPER JAFFRAY & CO., JERSEY CITY	366,983	11,982	10,221,765	0.0327	0.1172%
RAYMOND JAMES & ASSOC INC, ST PETERSBURG	327,934	4,662	12,852,109	0.0142	0.0363%
RBC CAPITAL MARKETS	172,117	3,556	5,060,149	0.0207	0.0703%
SCOTIA CAPITAL (USA) INC, NEW YORK	165,251	1,239	2,170,139	0.0075	0.0571%
STIFEL NICOLAUS	23,680	947	1,207,657	0.0400	0.0784%
SUNTRUST CAPITAL MARKETS INC, NEW YORK	9,911	396	519,665	0.0400	0.0763%
TOURMALINE PARTNERS LLC, NEW YORK	11,849	237	1,974,593	0.0200	0.0120%
UBS	2,188,646	15,295	261,983,439	0.0070	0.0058%
VIRTU AMERICAS LLC, NEW YORK	24,588	677	1,483,956	0.0275	0.0456%
WEDBUSH MORGAN SECS INC, LOS ANGELES	16,640	666	1,522,271	0.0400	0.0437%
WELLS FARGO SECURITIES, LLC, NEW YORK	196,495	4,830	8,867,886	0.0246	0.0545%
WILLIAM BLAIR & CO, CHICAGO	65,385	2,615	2,285,907	0.0400	0.1144%
TOTAL DOMESTIC	9,985,502	174,518	588,001,813	0.0175	0.0297%

Kentucky Public Pensions Authority					
Domestic Equity - Common Stock Commissions					
Quarter Ended June 30, 2021					
Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
NEXT CENTURY GROWTH	1,746,995	44,531	45,093,669	0.0255	0.0988%
NTGI STRUCTURED	202,064	1,531	5,606,779	0.0076	0.0273%
RIVER ROAD FAV	2,867,484	61,787	141,129,394	0.0215	0.0438%
S&P 500 INDEX	2,167,685	14,875	259,792,781	0.0069	0.0057%
TORTOISE CAP	1,816,532	16,438	41,331,281	0.0090	0.0398%
WESTFIELD CAPITAL	1,184,742	35,356	95,047,909	0.0298	0.0372%
TOTAL DOMESTIC	9,985,502	174,518	588,001,813	0.0175	0.0297%

Kentucky Public Pensions Authority					
Global Equity - Common Stock Commissions					
Quarter Ended June 30, 2021					
Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
ABN AMRO CLEARING BANK N.V, AMSTERDAM	164,630	1,415	6,952,309	0.0086	0.0204%
BANCO BTG PACTUAL SA, RIO DE JANEIRO	2,400	21	26,746	0.0089	0.0801%
BANCO DE INVESTIMENTUS GARATIA	389,700	2,014	1,025,153	0.0052	0.1965%
BANCO ITAU, SAO PAULO	2,168,400	1,725	1,636,618	0.0008	0.1054%
BARCLAYS	411,048	13,537	30,833,005	0.0329	0.0439%
BERENBERG GOSSLER & CIE, HAMBURG	19,126	1,941	2,409,119	0.1015	0.0806%
BERNSTEIN SANFORD C & CO, NEW YORK	907,436	1,902	1,968,151	0.0021	0.0966%
BNP PARIBUS	486,387	1,320	2,480,256	0.0027	0.0532%
BNY MELLON CLEARING	179,076	3,200	7,132,918	0.0179	0.0449%
BOFA SECURITIES, INC, NEW YORK	18,780	240	600,790	0.0128	0.0400%
BRASIL PLURAL CCTVM SA, SAO PAULO	4,565,000	3,357	3,352,965	0.0007	0.1001%
BROCKHOUSE AND COOPER, MONTREAL	118,900	170	565,149	0.0014	0.0300%
CITIGROUP	327,152	3,818	10,234,271	0.0117	0.0373%
CREDIT LYONNAIS SEC, SEOUL	6,052	428	284,292	0.0707	0.1506%
CREDIT LYONNAIS SECS (ASIA), HONG KONG	340,800	458	675,531	0.0013	0.0677%
CREDIT LYONNAIS SECS ASIA LTD, TAIPEI	133,000	474	497,540	0.0036	0.0952%
CREDIT SUISSE	3,793,784	13,106	20,617,784	0.0035	0.0636%
DAIWA SECURITIES	100,501	6,457	11,334,315	0.0642	0.0570%
EXANE, PARIS (EXANFRPP)	75,534	1,500	4,985,132	0.0199	0.0301%
G K GOH OMETRACO, JAKARTA	209,800	19	62,218	0.0001	0.0300%
GOLDMAN SACHS	5,837,853	22,404	45,434,134	0.0038	0.0493%
HANWHA SECS CO LTD, SEOUL	4,981	458	1,524,101	0.0920	0.0301%
HSBC	692,500	429	1,435,435	0.0006	0.0299%
INSTINET CORP	1,147,893	527	1,800,638	0.0005	0.0292%
INVESTEC SECURITIES (331), LONDON	78,652	2,376	4,750,218	0.0302	0.0500%
INVESTMENT TECHNOLOGY GROUP LTD,DUBLIN	52,640	923	2,426,248	0.0175	0.0380%
ITG AUSTRALIA LTD, MELBOURNE	25,600	88	110,323	0.0034	0.0798%
ITG INC, NEW YORK	457	5	28,557	0.0100	0.0160%
JEFFERIES & CO INC, NEW YORK	76,071	1,423	8,103,484	0.0187	0.0176%
JEFFERIES & CO LTD, LONDON	85,322	947	2,059,110	0.0111	0.0460%
JEFFERIES HONG KONG LIMITED, HONG KONG	994,000	1,097	3,465,472	0.0011	0.0317%
JP MORGAN SECURITIES	699,081	10,956	17,523,693	0.0157	0.0625%

JPMORGAN SECURITIES INC, NEW YORK	30,200	164	82,159	0.0054	0.1995%
JUPITER SECURITIES SDN BHD, KUALA LUMPUR	7,500	4	5,306	0.0005	0.0701%
LIQUIDNET ASIA LTD, HONG KONG	11,000	110	110,035	0.0100	0.1002%
LIQUIDNET EUROPE LIMITED, LONDON	217,805	1,497	2,992,520	0.0069	0.0500%
MACQUARIE SECURITIES	788,273	8,419	12,534,042	0.0107	0.0672%
MERRILL LYNCH	961,604	15,038	21,712,313	0.0156	0.0693%
MIZUHO SECURITIES USA INC. NEW YORK	142,700	1,244	2,489,710	0.0087	0.0500%
MORGAN STANLEY	4,029,263	28,458	50,626,353	0.0071	0.0562%
NATIONAL FINL SVCS CORP, NEW YORK	184,443	4,622	5,340,116	0.0251	0.0865%
NOMURA SECURITIES	1,500	35	70,594	0.0235	0.0500%
RBC CAPITAL MARKETS	108,516	2,364	5,714,679	0.0218	0.0414%
RENAISSANCE CAPITAL LTD, LONDON	2,110	50	71,555	0.0237	0.0700%
RENAISSANCE SECS (CYPRUS) LTD, NICOSIA	1,319,940	2,698	768,303	0.0020	0.3512%
SANFORD C BERNSTEIN & CO INC, LONDON	528,371	9,902	13,772,378	0.0187	0.0719%
SCOTIA CAPITAL INC, NEW YORK	1,000,000	733	731,777	0.0007	0.1001%
SG SEC (LONDON) LTD, LONDON	46,500	131	653,553	0.0028	0.0200%
SG SECURITIES, HONG KONG	98,100	27	27,163	0.0003	0.0998%
SKANDINAVISKA ENSKILDA BANKEN, STOCKHOLM	220,996	2,839	4,266,392	0.0128	0.0665%
SMBC SECURITIES, INC NEW YORK	2,900	308	616,610	0.1062	0.0500%
SOCIETE GENERALE, PARIS	45,960	783	1,572,019	0.0170	0.0498%
STIFEL NICOLAUS	49,205	1,476	3,104,314	0.0300	0.0476%
TD WATERHOUSE SEC, TORONTO (GIST)	166,112	3,983	2,694,262	0.0240	0.1478%
UBS	2,969,415	5,007	12,577,160	0.0017	0.0398%
UNION BANK SWITZERLAND SECS, LONDON	2,254,700	5,040	3,168,060	0.0022	0.1591%
WILLIAM BLAIR & CO, CHICAGO	19,217	577	793,918	0.0300	0.0726%
XP INVESTIMENTOS CCTVM SA,RIO DE JANEIRO	962,600	1,055	1,068,483	0.0011	0.0988%
YUANTA SECURITIES CO., LTD., TAIPEI	2,000	77	76,293	0.0383	0.1004%
TOTAL GLOBAL	40,283,486	195,374	343,975,742	0.0048	0.0568%

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Global Equity - Common Stock Commissions					
Quarter Ended June 30, 2021					
Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
AMERICAN CENTURY	1,648,640	23,065	65,246,122	0.0140	0.0354%
FRANKIN TEMPLETON	18,442,777	58,121	96,588,428	0.0032	0.0602%
JP MORGAN EMERG MKTS	5,430,374	17,451	20,778,393	0.0032	0.0840%
LAZARD ASSET MGMT	4,100,226	33,481	70,987,213	0.0082	0.0472%
LSV ASSET MANAGEMENT	2,543,800	10,341	21,745,588	0.0041	0.0476%
LSV ASSET MGMT	1,054,700	4,575	9,435,259	0.0043	0.0485%
MANULIFE ASSET MGMT	892,578	24,815	35,109,683	0.0278	0.0707%
PZENA EMERGING MKTS	6,170,391	23,524	24,085,056	0.0038	0.0977%
TOTAL GLOBAL	40,283,486	195,374	343,975,742	0.0048	0.0568%