

Kentucky Public Pensions Authority

Domestic and Global Commissions Report

Quarter Ending: June 30, 2022

Kentucky Public Pensions Authority
Domestic Equity - Common Stock Commissions
Quarter Ended June 30, 2022

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
B RILEY AND CO LLC, NEW YORK	31,031	621	373,403	0.0200	0.1662%
BAIRD, ROBERT W & CO INC, MILWAUKEE	82,720	3,309	2,593,703	0.0400	0.1276%
BARCLAYS	47,877	1,374	1,115,577	0.0287	0.1232%
BERNSTEIN SANFORD C & CO, NEW YORK	217,576	4,219	13,581,762	0.0194	0.0311%
BMO CAPITAL MARKETS CORP, NEW YORK	25,784	1,031	2,330,812	0.0400	0.0442%
BNY MELLON CLEARING	862,323	21,899	24,631,819	0.0254	0.0889%
BTIG LLC, NEW YORK	1,619,444	21,672	89,812,375	0.0134	0.0241%
CANTOR FITZGERALD & CO INC, NEW YORK	1,025,798	19,015	52,608,040	0.0185	0.0361%
CITIGROUP	8,860	728	1,889,561	0.0822	0.0385%
COWEN AND CO LLC, NEW YORK	171,627	6,865	6,093,611	0.0400	0.1127%
COWEN AND COMPANY, LLC, JERSEY CITY	290,126	2,901	6,475,466	0.0100	0.0448%
CREDIT SUISSE	793,715	15,837	17,892,913	0.0200	0.0885%
GOLDMAN SACHS	1,016,707	20,648	47,179,517	0.0203	0.0438%
GUGGENHEIM CAPITAL MARKETS LLC, NEW YORK	332,778	12,314	10,734,693	0.0370	0.1147%
INSTINET CORP	3,871,534	60,212	172,078,983	0.0156	0.0350%
ISI GROUP	15,741	455	4,934,447	0.0289	0.0092%
J.P MORGAN SECURITIES INC, NEW YORK	229,189	3,964	17,304,538	0.0173	0.0229%
JEFFERIES & CO INC, NEW YORK	317,256	8,481	10,761,610	0.0267	0.0788%
JMP SECURITIES, SAN FRANCISCO	166,655	5,129	1,391,439	0.0308	0.3686%
JONESTRADING INST SVCS LLC, NEW YORK	88,847	2,079	8,122,885	0.0234	0.0256%
KEEFE BRUYETTE + WOODS INC, NEW YORK	25,330	1,013	5,248,862	0.0400	0.0193%
KEYBANC CAPITAL MARKETS INC, NEW YORK	10,843	434	1,227,502	0.0400	0.0353%
LEERINK SWANN AND COMPANY, NEW YORK	27,951	1,118	847,878	0.0400	0.1319%
LIQUIDNET INC, NEW YORK	1,141,596	12,748	28,046,537	0.0112	0.0455%
LUMINEX TRADING AND ANALYTICS, BOSTON	182,817	4,936	6,133,404	0.0270	0.0805%
MERRILL LYNCH	1,366,467	14,624	35,169,007	0.0107	0.0416%
MKM PARTNERS LLC, GREENWICH	57,712	1,731	294,995	0.0300	0.5869%
NATIONAL FINL SVCS CORP, NEW YORK	227,151	6,815	1,366,699	0.0300	0.4986%
NEEDHAM AND CO LLC, NEW YORK	125,639	3,873	2,391,819	0.0308	0.1619%
PIPER JAFFRAY & CO., JERSEY CITY	173,299	5,333	5,000,142	0.0308	0.1067%
RAYMOND JAMES & ASSOC INC, ST PETERSBURG	335,063	8,680	18,178,589	0.0259	0.0477%
RBC CAPITAL MARKETS	26,583	777	1,558,155	0.0292	0.0499%
STIFEL NICOLAUS	147,243	5,890	7,293,422	0.0400	0.0808%
TOURMALINE PARTNERS LLC, NEW YORK	166,121	3,322	4,626,275	0.0200	0.0718%
UBS	6,792,124	63,432	624,447,054	0.0093	0.0102%
VIRTU AMERICAS LLC, NEW YORK	292,836	3,912	7,694,524	0.0134	0.0508%
WEDBUSH MORGAN SECS INC, LOS ANGELES	139,525	5,581	2,904,458	0.0400	0.1922%
WEDBUSH SECURITIES INC./P3, LOS ANGELES	66,655	2,666	10,816,173	0.0400	0.0247%
WELLS FARGO SECURITIES, LLC, NEW YORK	6,600	264	805,439	0.0400	0.0328%
WILLIAM BLAIR & CO, CHICAGO	415,953	16,632	11,433,209	0.0400	0.1455%
TOTAL DOMESTIC	22,943,096	376,535	1,267,391,297	0.0164	0.0297%

Kentucky Public Pensions Authority
Domestic Equity - Common Stock Commissions
Quarter Ended June 30, 2022

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
CRESTVIEW PTNRS II	53,792	538	1,435,717	0.0100	0.0375%
DAG VENTURES V QP	306,283	3,063	871,784	0.0100	0.3513%
NEXT CENTURY GROWTH	3,577,787	94,969	76,666,739	0.0265	0.1239%
NTGI STRUCTURED	1,034,219	8,419	27,737,001	0.0081	0.0304%
RIVER ROAD FAV	9,917,275	168,271	396,518,039	0.0170	0.0424%
S&P 500 INDEX	6,410,886	58,985	620,666,062	0.0092	0.0095%
TORTOISE CAP	145,022	1,584	2,941,019	0.0109	0.0539%
WESTFIELD CAPITAL	1,497,832	40,706	140,554,936	0.0272	0.0290%
TOTAL DOMESTIC	22,943,096	376,535	1,267,391,297	0.0164	0.0297%

Kentucky Public Pensions Authority
Global Equity - Common Stock Commissions
Quarter Ended June 30, 2022

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
ABN AMRO CLEARING BANK N.V., AMSTERDAM	35,162	435	1,958,907	0.0124	0.0222%
BAIRD, ROBERT W & CO INC, MILWAUKEE	3,857	116	820,509	0.0300	0.0141%
BANCO BTG PACTUAL SA, RIO DE JANEIRO	1,376,101	2,596	3,973,658	0.0019	0.0653%
BANCO ITAU, SAO PAULO	187,500	647	693,166	0.0035	0.0934%
BANCO SANTANDER (BRASIL) S.A, SAO PAULO	20,400	11	13,925	0.0005	0.0801%
BARCLAYS	32,406	431	2,158,910	0.0133	0.0200%
BERENBERG GOSSLER & CIE, HAMBURG	130,000	4,956	3,309,093	0.0381	0.1498%
BERNSTEIN SANFORD C & CO, NEW YORK	4,047,394	7,505	17,940,079	0.0019	0.0418%
BMO CAPITAL MARKETS CORP, NEW YORK	23,015	345	2,453,239	0.0150	0.0141%
BNP PARIBUS	139,725	2,360	4,705,490	0.0169	0.0501%
BNY MELLON CLEARING	337,728	7,987	12,239,974	0.0236	0.0653%
BOFA SECURITIES, INC, NEW YORK	134,990	225	562,647	0.0017	0.0400%
BRASIL PLURAL CCTVM SA, SAO PAULO	12,900	26	86,921	0.0020	0.0300%
BROCKHOUSE AND COOPER, MONTREAL	45,600	53	176,874	0.0012	0.0300%
CITIGROUP	3,523,588	7,574	20,287,779	0.0021	0.0373%
CLSA AUSTRALIA PTY LTD, SYDNEY	5,000	1,480	738,524	0.2960	0.2004%
CREDIT LYONNAIS SEC, SEOUL	62,981	2,099	1,712,024	0.0333	0.1226%
CREDIT LYONNAIS SECS (ASIA), HONG KONG	203,500	210	262,682	0.0010	0.0800%
CREDIT LYONNAIS SECS ASIA LTD, TAIPEI	288,000	443	353,940	0.0015	0.1252%
CREDIT LYONNAIS SECS, SINGAPORE	14,600	1,471	2,940,413	0.1007	0.0500%
CREDIT SUISSE	5,873,611	28,483	65,470,668	0.0048	0.0435%
D CARNEGIE AB, STOCKHOLM	34,018	3,559	2,376,290	0.1046	0.1498%
DAIWA SECURITIES	501,380	2,453	4,873,329	0.0049	0.0503%
EXANE, PARIS (EXANFRPP)	1,151,494	17,525	40,679,839	0.0152	0.0431%
GOLDMAN SACHS	1,083,875	11,727	20,170,295	0.0108	0.0581%
HANWHA SECS CO LTD, SEOUL	12,992	108	358,766	0.0083	0.0300%
HSBC	1,064,900	1,797	4,930,477	0.0017	0.0364%
INSTINET CORP	179,096	2,209	6,632,768	0.0123	0.0333%
INVESTMENT TECH GROUP INC, NEW YORK	1,566	24	198,593	0.0150	0.0118%
INVESTMENT TECHNOLOGY GROUP LTD,DUBLIN	117,976	2,594	8,288,967	0.0220	0.0313%
ITG AUSTRALIA LTD, MELBOURNE	20,000	2,963	2,959,914	0.1481	0.1001%
JEFFERIES & CO INC, NEW YORK	22,544	180	1,255,829	0.0080	0.0144%
JEFFERIES & CO LTD, LONDON	370,273	4,859	21,842,879	0.0131	0.0222%
JEFFERIES HONG KONG LIMITED, HONG KONG	5,153,266	2,084	4,165,669	0.0004	0.0500%
JP MORGAN SECURITIES	4,963,363	16,889	38,626,793	0.0034	0.0437%
JPMORGAN SECURITIES INC, NEW YORK	254,411	988	4,210,193	0.0039	0.0235%

KEPLER EQUITIES, PARIS	5,888	386	775,683	0.0656	0.0498%
LIQUIDNET CANADA INC, TORONTO	3,332	66	262,808	0.0199	0.0252%
LIQUIDNET EUROPE LIMITED, LONDON	103,477	159	317,322	0.0015	0.0500%
LIQUIDNET INC, NEW YORK	1,170	18	257,603	0.0150	0.0068%
MACQUARIE SECURITIES	126,100	1,250	2,745,078	0.0099	0.0455%
MERRILL LYNCH	8,049,529	23,345	63,810,107	0.0029	0.0366%
MIZUHO SECURITIES USA INC, NEW YORK	35,861	717	743,596	0.0200	0.0965%
MIZUHO SECURITIES USA INC. NEW YORK	360,700	4,250	8,497,299	0.0118	0.0500%
MORGAN STANLEY	5,205,550	25,122	76,809,756	0.0048	0.0327%
NATIONAL FINL SVCS CORP, NEW YORK	74,345	790	920,790	0.0106	0.0857%
NOMURA SECURITIES	73,000	173	672,948	0.0024	0.0257%
NUMIS SECURITIES LTD, LONDON	91,680	4,539	3,038,828	0.0495	0.1494%
PAREL, PUTEAUX	38,030	2,796	4,437,887	0.0735	0.0630%
PIPER JAFFRAY INC, MINNEAPOLIS	35,210	58	145,856	0.0017	0.0400%
RBC CAPITAL MARKETS	517,336	2,721	9,359,811	0.0053	0.0291%
REDBURN PARTNERS LLP, LONDON	16,674	774	1,547,394	0.0464	0.0500%
S G WARBURG, SEOUL	1,580	39	77,655	0.0246	0.0500%
SANFORD C BERNSTEIN & CO INC, LONDON	36,545	2,436	3,025,038	0.0667	0.0805%
SCOTIA CAPITAL MKTS, TORONTO	274	1	1,131	0.0032	0.0778%
SG SEC (LONDON) LTD, LONDON	55,023	147	733,155	0.0027	0.0200%
SKANDINAVISKA ENSKILDA BANKEN, COPENHAGE	20,000	1,037	1,482,771	0.0519	0.0700%
SOCIETE GENERALE, PARIS	221,334	2,507	5,016,376	0.0113	0.0500%
STATE STREET GLOBAL MARKETS LLC, BOSTON	4,000	120	1,460,483	0.0300	0.0082%
TORONTO DOMINION SEC, TORONTO	38,316	455	2,992,362	0.0119	0.0152%
UBS	5,236,867	21,348	37,547,256	0.0041	0.0569%
UNION BANK OF SWITZERLAND, ZURICH	6,000	1,227	1,754,747	0.2046	0.0700%
UNION BANK SWITZERLAND SECS, LONDON	124,400	30	151,666	0.0002	0.0200%
WARBURG DILLON READ SEC, MUMBAI	414,494	2,834	5,676,548	0.0068	0.0499%
WOOD & COMPANY, PRAGUE	57,640	1,038	690,642	0.0180	0.1502%
XP INVESTIMENTOS CCTVM SA,RIO DE JANEIRO	585,504	318	397,211	0.0005	0.0801%
TOTAL GLOBAL	52,969,071	240,114	539,779,830	0.0045	0.0445%

Kentucky Public Pensions Authority
Global Equity - Common Stock Commissions
Quarter Ended June 30, 2022

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
AMERICAN CENTURY	8,531,058	67,933	217,475,704	0.0080	0.0312%
FRANKIN TEMPLETON	2,416,300	57,400	79,141,823	0.0238	0.0725%
JP MORGAN EMERG MKTS	2,180,352	8,718	13,362,151	0.0040	0.0652%
LAZARD ASSET MGMT	1,913,032	24,086	71,576,453	0.0126	0.0337%
LSV ASSET MANAGEMENT	17,744,365	41,602	89,950,494	0.0023	0.0463%
LSV ASSET MGMT	10,438,607	21,742	46,252,072	0.0021	0.0470%
MANULIFE ASSET MGMT	(306)	285	3,284,028	(0.9325)	0.0087%
PZENA EMERGING MKTS	9,745,663	18,348	18,737,105	0.0019	0.0979%
TOTAL GLOBAL	52,969,071	240,114	539,779,830	0.0045	0.0445%