

Kentucky Public Pensions Authority

Domestic and Global Commissions Report

Quarter Ending: March 31, 2023

Kentucky Public Pensions Authority
Domestic Equity - Common Stock Commissions
Quarter Ended March 31, 2023

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
BAIRD, ROBERT W & CO INC, MILWAUKEE	22,720	909	2,061,908	0.0400	0.0441%
BARCLAYS	57,907	693	4,128,198	0.0120	0.0168%
BERNSTEIN SANFORD C & CO, NEW YORK	128,863	3,121	9,098,054	0.0242	0.0343%
BNY MELLON CLEARING	29,112	934	472,672	0.0321	0.1975%
BTIG LLC, NEW YORK	110,966	4,164	4,787,522	0.0375	0.0870%
CANTOR FITZGERALD & CO INC, NEW YORK	1,139,948	11,452	41,999,704	0.0100	0.0273%
CITIGROUP	101,538	2,258	7,441,353	0.0222	0.0303%
COWEN AND CO LLC, NEW YORK	108,983	4,295	6,264,795	0.0394	0.0686%
CREDIT SUISSE	593,825	17,157	33,154,055	0.0289	0.0518%
GOLDMAN SACHS	157,426	3,934	16,841,393	0.0250	0.0234%
INSTINET CORP	115,928	2,319	7,771,253	0.0200	0.0298%
ISI GROUP	99,384	2,329	11,652,946	0.0234	0.0200%
J.P MORGAN SECURITIES INC, NEW YORK	75,819	965	8,858,396	0.0127	0.0109%
JEFFERIES & CO INC, NEW YORK	3,350	134	1,141,185	0.0400	0.0117%
JONESTRADING INST SVCS LLC, NEW YORK	16,540	496	1,051,762	0.0300	0.0472%
KEEFE BRUYETTE + WOODS INC, NEW YORK	51,003	2,040	1,644,609	0.0400	0.1240%
LIQUIDNET INC, NEW YORK	1,150,488	14,253	27,302,776	0.0124	0.0522%
LUMINEX TRADING AND ANALYTICS, BOSTON	25,586	622	4,174,906	0.0243	0.0149%
MERRILL LYNCH	1,008,601	12,764	35,792,828	0.0127	0.0357%
MISCHLER FINANCIAL GROUP INC, NEW YORK	49,700	1,491	2,065,217	0.0300	0.0722%
MIZUHO SECURITIES USA, INC., NEW YORK	31,981	1,279	3,920,720	0.0400	0.0326%
MKM PARTNERS LLC, GREENWICH	104,349	3,130	1,393,629	0.0300	0.2246%
NATIONAL FINL SVCS CORP, NEW YORK	40,684	1,627	1,169,682	0.0400	0.1391%
NEEDHAM AND CO LLC, NEW YORK	54,943	2,111	931,092	0.0384	0.2267%
PIPER JAFFRAY & CO., JERSEY CITY	537,039	16,691	10,277,615	0.0311	0.1624%
RAYMOND JAMES & ASSOC INC, ST PETERSBURG	39,607	1,142	769,651	0.0288	0.1483%
RBC CAPITAL MARKETS	49,990	916	11,588,100	0.0183	0.0079%
STIFEL NICOLAUS	150,618	5,551	9,532,667	0.0369	0.0582%
SUNTRUST CAPITAL MARKETS INC, NEW YORK	72,823	2,913	1,819,385	0.0400	0.1601%
UBS	2,751,832	27,518	257,574,420	0.0100	0.0107%
VIRTU AMERICAS LLC, NEW YORK	100,241	1,480	10,296,536	0.0148	0.0144%
WELLS FARGO SECURITIES, LLC, NEW YORK	68,381	1,268	4,615,649	0.0185	0.0275%
WILLIAM BLAIR & CO, CHICAGO	137,888	5,307	3,751,859	0.0385	0.1414%
TOTAL DOMESTIC	9,188,063	157,264	545,346,537	0.0171	0.0288%

Kentucky Public Pensions Authority
Domestic Equity - Common Stock Commissions
Quarter Ended March 31, 2023

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
CRESTVIEW PTNRS II	100,623	1,006	2,950,208	0.0100	0.0341%
NEXT CENTURY GROWTH	2,053,827	45,786	36,480,935	0.0223	0.1255%
NTGI STRUCTURED	717,103	6,546	16,660,726	0.0091	0.0393%
RIVER ROAD FAV	2,223,880	39,795	100,959,500	0.0179	0.0394%
S&P 500 INDEX	2,651,209	26,512	254,624,212	0.0100	0.0104%
TORTOISE CAP	262,108	2,043	4,950,334	0.0078	0.0413%
WESTFIELD CAPITAL	1,179,223	35,576	128,720,622	0.0302	0.0276%
TOTAL DOMESTIC	9,187,973	157,264	545,346,537	0.0171	0.0288%

Kentucky Public Pensions Authority
Global Equity - Common Stock Commissions
Quarter Ended March 31, 2023

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
ABN AMRO CLEARING BANK N.V, AMSTERDAM	13,051	1,573	5,226,670	0.1205	0.0301%
AMBIT CAPITAL PRIVATE LTD, MUMBAI	9,589	64	42,757	0.0067	0.1496%
BAIRD, ROBERT W & CO INC, MILWAUKEE	24,800	744	867,259	0.0300	0.0858%
BANCO BTG PACTUAL SA, RIO DE JANEIRO	1,186,400	3,851	6,218,777	0.0032	0.0619%
BANCO ITAU, SAO PAULO	762,100	4,215	2,591,818	0.0055	0.1626%
BARCLAY INVESTMENT CORP, LONDON	32,843	3,336	2,797,022	0.1016	0.1193%
BARCLAYS	528,351	8,641	15,370,022	0.0164	0.0562%
BERENBERG GOSSLER & CIE, HAMBURG	301,485	18,122	12,124,617	0.0601	0.1495%
BERNSTEIN SANFORD C & CO, NEW YORK	3,249,939	5,867	17,774,395	0.0018	0.0330%
BMO CAPITAL MARKETS CORP, NEW YORK	53,953	1,697	2,039,153	0.0314	0.0832%
BNP PARIBUS	5,363,532	18,575	22,252,021	0.0035	0.0835%
BNY MELLON CLEARING	577,514	5,506	8,936,246	0.0095	0.0616%
BOFA SECURITIES, INC, NEW YORK	37,900	301	1,233,250	0.0079	0.0244%
BTIG LLC, NEW YORK	1,026	31	211,067	0.0300	0.0146%
CHINA INTL CAP CORP HK SECS, HONG KONG	333,000	497	413,043	0.0015	0.1203%
CIBC WORLD MKTS INC, TORONTO	82,581	2,269	9,387,660	0.0275	0.0242%
CITIGROUP	2,273,080	25,087	34,412,596	0.0110	0.0729%
CREDIT INDUSTRIEL ET COMMERCIAL, PARIS	26,453	347	290,677	0.0131	0.1194%
CREDIT LYONNAIS SEC, SEOUL	3,219	890	620,411	0.2766	0.1435%
CREDIT LYONNAIS SECS (ASIA), HONG KONG	1,432,500	1,290	989,345	0.0009	0.1304%
CREDIT LYONNAIS SECS ASIA LTD, TAIPEI	1,000	19	19,326	0.0194	0.1003%
CREDIT LYONNAIS SECS, SINGAPORE	13,700	331	362,110	0.0242	0.0915%
CREDIT SUISSE	333,056	10,356	9,575,945	0.0311	0.1081%
D CARNEGIE AB, STOCKHOLM	20,787	996	829,275	0.0479	0.1201%
DAIWA SECURITIES	285,100	2,700	4,212,780	0.0095	0.0641%
DAVY STOCKBROKERS, DUBLIN	132,362	2,957	5,650,366	0.0223	0.0523%
DNB NOR MARKETS CUSTODY, OSLO	1,840	306	254,897	0.1664	0.1201%
EXANE, PARIS (EXANFRPP)	884,462	11,190	23,877,467	0.0127	0.0469%
GOLDMAN SACHS	1,722,686	20,516	27,533,323	0.0119	0.0745%
HAITONG INTL SEC CO LTD, HONG KONG	187,500	834	695,685	0.0044	0.1199%
HANWHA SECS CO LTD, SEOUL	29,470	2,497	2,721,095	0.0847	0.0918%
HSBC	407,404	4,148	4,001,380	0.0102	0.1037%
INSTINET CORP	135,613	825	797,329	0.0061	0.1034%
INVESTMENT TECHNOLOGY GROUP LTD,DUBLIN	584,860	1,538	4,584,331	0.0026	0.0336%
ITG AUSTRALIA LTD, MELBOURNE	22,000	32	161,429	0.0015	0.0200%
ITG CANADA CORP, TORONTO	2,772	31	135,261	0.0112	0.0230%
J.P MORGAN SECURITIES INC, NEW YORK	16,641	250	5,020,563	0.0150	0.0050%
JEFFERIES & CO INC, NEW YORK	141,124	5,433	15,573,803	0.0385	0.0349%
JEFFERIES & CO LTD, LONDON	401,175	1,439	5,813,366	0.0036	0.0247%
JEFFERIES INDIA PRIVATE LTD, MUMBAI	75,210	396	264,659	0.0053	0.1496%
JP MORGAN SECURITIES	6,067,141	30,990	64,994,713	0.0051	0.0477%
KEPLER EQUITIES, PARIS	1,039	304	253,912	0.2929	0.1199%
KEYBANC CAPITAL MARKETS INC, NEW YORK	26,226	918	614,000	0.0350	0.1495%
KNIGHT EQUITY MARKETS LP, NEW YORK	79	1	24,026	0.0151	0.0050%
LIQUIDNET ASIA LTD, HONG KONG	5,500	23	25,964	0.0043	0.0903%
LIQUIDNET CANADA INC, TORONTO	5,489	103	284,087	0.0187	0.0361%
LIQUIDNET EUROPE LIMITED, LONDON	173,776	3,380	6,121,768	0.0195	0.0552%
LIQUIDNET INC, NEW YORK	6,568	99	929,489	0.0150	0.0106%
LUMINEX TRADING AND ANALYTICS, BOSTON	3,769	19	529,121	0.0050	0.0036%
MACQUARIE SECURITIES	620,963	2,418	1,569,867	0.0039	0.1540%
MERRILL LYNCH	1,890,923	25,311	54,026,192	0.0134	0.0469%
MIRAE ASSET SECURITIES, SEOUL	5,935	1,205	802,712	0.2030	0.1501%
MITSUBISHI SECURITIES	40,600	1,605	1,337,071	0.0395	0.1200%
MIZUHO SECURITIES USA INC. NEW YORK	1,633,130	10,312	15,562,442	0.0063	0.0663%
MIZUHO SECURITIES USA, INC., NEW YORK	82,424	2,885	5,727,296	0.0350	0.0504%
MORGAN STANLEY	2,925,271	10,338	20,305,161	0.0035	0.0509%

NATIONAL FINL SVCS CORP, NEW YORK	25,666	502	2,045,523	0.0195	0.0245%
NESBITT BURNS, TORONTO (NTDT)	1,896	21	144,051	0.0112	0.0148%
NORDEA BK PLC, HELSINKI (NDEAFIHH030)	2,330	156	312,369	0.0671	0.0500%
NUMIS SECURITIES LTD, LONDON	63,000	3,112	2,077,488	0.0494	0.1498%
PAREL, PUTEAUX	19,913	383	718,058	0.0192	0.0533%
PIPER JAFFRAY & CO., JERSEY CITY	1,894	57	378,729	0.0300	0.0150%
RBC CAPITAL MARKETS	1,109,576	12,422	33,787,769	0.0112	0.0368%
S G WARBURG, SEOUL	12,732	542	834,064	0.0426	0.0650%
SAMSUNG SECS, SEOUL	4,388	915	760,245	0.2086	0.1204%
SANFORD C BERNSTEIN & CO INC, LONDON	251,461	3,348	6,515,018	0.0133	0.0514%
SANFORD C. BERNSTEIN (INDIA) PRI, MUMBAI	40,321	269	179,514	0.0067	0.1496%
SANTANDER INVESTMENT SEC INC, NEW YORK	44,700	241	160,652	0.0054	0.1502%
SCOTIA CAPITAL INC, NEW YORK	67,087	358	238,200	0.0053	0.1502%
SCOTIA CAPITAL MKTS, TORONTO	78,300	232	831,073	0.0030	0.0280%
SHENYIN WANGUO SECS LTD, HONG KONG	449,600	2,067	1,727,297	0.0046	0.1197%
SKANDINAVISKA ENSKILDA BANKEN, LONDON	448	314	261,432	0.7011	0.1201%
SMBC SECURITIES, INC NEW YORK	201,100	2,108	1,997,670	0.0105	0.1055%
STIFEL NICOLAUS EUROPE LIMITED, LONDON	30,526	163	135,292	0.0053	0.1201%
TOKAI TOKYO SEC CO LTD, TOKYO	92,700	1,943	1,617,923	0.0210	0.1201%
TORONTO DOMINION SEC, TORONTO	12,802	143	258,909	0.0112	0.0554%
UBS	2,693,645	16,243	33,876,041	0.0060	0.0479%
WARBURG DILLON READ SEC, MUMBAI	34,474	246	164,277	0.0071	0.1496%
TOTAL GLOBAL	40,419,470	305,392	518,012,611	0.0076	0.0590%

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Quarter Ended March 31, 2023

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
AMERICAN CENTURY	8,796,655	102,445	166,940,520	0.0116	0.0614%
AXIOM	6,654,556	42,158	43,293,911	0.0063	0.0974%
FRANKIN TEMPLETON	4,121,345	54,139	88,210,484	0.0131	0.0614%
JP MORGAN EMERG MKTS	3,232,980	8,310	16,348,191	0.0026	0.0508%
LAZARD ASSET MGMT	5,324,832	53,991	137,782,550	0.0101	0.0392%
LSV ASSET MANAGEMENT	3,869,160	10,617	22,611,216	0.0027	0.0470%
LSV ASSET MGMT	1,196,628	4,849	10,239,987	0.0041	0.0474%
MANULIFE ASSET MGMT	12,325	917	1,192,694	0.0744	0.0768%
PZENA EMERGING MKTS	7,210,989	27,967	31,393,058	0.0039	0.0891%
TOTAL GLOBAL	40,419,470	305,392	518,012,611	0.0076	0.0590%