

Kentucky Public Pensions Authority

Domestic and Global Commissions Report

Quarter Ending: September 30, 2023

Kentucky Public Pensions Authority
Domestic Equity - Common Stock Commissions
Quarter Ended September 30, 2023

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
B RILEY AND CO LLC, NEW YORK	54,645	1,395	2,475,617	0.0255	0.0563%
BAIRD, ROBERT W & CO INC, MILWAUKEE	12,904	440	649,953	0.0341	0.0676%
BARCLAYS	59,408	446	2,053,220	0.0075	0.0217%
BERNSTEIN SANFORD C & CO, NEW YORK	196,334	6,343	15,638,509	0.0323	0.0406%
BMO CAPITAL MARKETS CORP, NEW YORK	14,160	566	2,484,829	0.0400	0.0228%
BNY MELLON CLEARING	63,973	2,421	6,135,863	0.0378	0.0395%
BOFA SECURITIES INC, LONDON	438	3	18,145	0.0075	0.0181%
BTIG LLC, NEW YORK	255,528	4,475	23,022,596	0.0175	0.0194%
CANTOR FITZGERALD & CO INC, NEW YORK	262,337	2,623	16,877,806	0.0100	0.0155%
CITIGROUP	59,277	1,802	9,154,916	0.0304	0.0197%
COWEN AND CO LLC, NEW YORK	201,679	4,776	4,920,365	0.0237	0.0971%
DAVIDSON(D A) & CO INC, NEW YORK	2,800	112	173,535	0.0400	0.0645%
GOLDMAN SACHS	279,006	6,031	12,837,135	0.0216	0.0470%
GUGGENHEIM CAPITAL MARKETS LLC, NEW YORK	144,529	5,247	4,692,531	0.0363	0.1118%
INSTINET CORP	817,417	11,136	48,345,038	0.0136	0.0230%
ISI GROUP	334,520	5,750	21,278,231	0.0172	0.0270%
J.P MORGAN SECURITIES INC, NEW YORK	130,332	2,989	14,506,773	0.0229	0.0206%
JEFFERIES & CO INC, NEW YORK	76,469	1,517	11,440,203	0.0198	0.0133%
JONESTRADING INST SVCS LLC, NEW YORK	30,771	237	2,549,685	0.0077	0.0093%
KEYBANC CAPITAL MARKETS INC, NEW YORK	191,871	4,101	705,088	0.0214	0.5817%
LEERINK SWANN AND COMPANY, NEW YORK	6,698	268	1,133,709	0.0400	0.0236%
LIQUIDNET INC, NEW YORK	2,024,335	23,265	33,014,441	0.0115	0.0705%
LUMINEX TRADING AND ANALYTICS, BOSTON	55,367	1,495	12,104,023	0.0270	0.0124%
MERRILL LYNCH	1,494,191	16,819	44,834,936	0.0113	0.0375%
MKM PARTNERS LLC, GREENWICH	10,353	207	31,156	0.0200	0.6646%
MORGAN J P SECS INC, NEW YORK	(52)	4,627	2,411,374	(88.9898)	0.1919%
MORGAN STANLEY	200,880	1,507	5,190,203	0.0075	0.0290%
NATIONAL FINL SVCS CORP, NEW YORK	131,637	2,636	582,542	0.0200	0.4526%
NEEDHAM AND CO LLC, NEW YORK	40,130	1,605	2,108,453	0.0400	0.0761%
NORTHLAND SECURITIES INC., NEW YORK	26,664	533	83,800	0.0200	0.6364%
O NEIL WILLIAM CO INC BCC CLRG, NEW YORK	4,900	196	2,484,116	0.0400	0.0079%
OPPENHEIMER & CO INC, NEW YORK	46,433	929	91,816	0.0200	1.0114%
PIPER JAFFRAY & CO., JERSEY CITY	805,033	23,683	24,499,689	0.0294	0.0967%
RAYMOND JAMES & ASSOC INC, ST PETERSBURG	226,918	3,043	11,722,144	0.0134	0.0260%
RBC CAPITAL MARKETS	35,215	278	1,288,521	0.0079	0.0216%
STIFEL NICOLAUS	32,148	1,286	2,110,530	0.0400	0.0609%
UBS	3,041,828	33,849	290,205,597	0.0111	0.0117%
VIRTU AMERICAS LLC, NEW YORK	160,258	1,945	13,133,510	0.0121	0.0148%
WELLS FARGO SECURITIES, LLC, NEW YORK	96,931	1,117	9,378,337	0.0115	0.0119%
WILLIAM BLAIR & CO, CHICAGO	222,080	8,535	5,467,320	0.0384	0.1561%
TOTAL DOMESTIC	11,850,345	190,234	661,836,255	0.0161	0.0287%

Kentucky Public Pensions Authority
Domestic Equity - Common Stock Commissions
Quarter Ended September 30, 2023

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
MANULIFE ASSET MGMT	(359)	1,335	544,645	(3.7175)	0.2450%
NEXT CENTURY GROWTH	3,298,807	63,375	49,469,614	0.0192	0.1281%
NISA	(52)	4,627	2,411,374	(88.9898)	0.1919%
NTGI STRUCTURED	1,426,824	16,818	37,825,186	0.0118	0.0445%
RIVER ROAD FAV	2,111,525	34,385	126,167,527	0.0163	0.0273%
S&P 500 INDEX	2,927,474	29,275	280,718,609	0.0100	0.0104%
TORTOISE CAP	1,016,662	8,109	28,379,936	0.0080	0.0286%
WESTFIELD CAPITAL	1,069,464	32,310	136,319,364	0.0302	0.0237%
TOTAL DOMESTIC	11,850,345	190,234	661,836,255	0.0161	0.0287%

Kentucky Public Pensions Authority
Global Equity - Common Stock Commissions
Quarter Ended September 30, 2023

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
ABN AMRO CLEARING BANK N.V, AMSTERDAM	429,985	5,841	8,267,266	0.0136	0.0707%
ABSA BANK LIMITED, JOHANNESBURG	966	13	12,849	0.0133	0.0996%
AXIS CAPITAL LIMITED, MUMBAI	990	22	21,738	0.0220	0.1002%
BAIRD, ROBERT W & CO INC, MILWAUKEE	9,943	295	405,699	0.0297	0.0727%
BANCO BTG PACTUAL SA, RIO DE JANEIRO	3,072	14	17,892	0.0047	0.0801%
BANCO ITAU, SAO PAULO	407,100	1,885	1,693,836	0.0046	0.1113%
BARCLAYS	928,006	11,498	22,861,720	0.0124	0.0503%
BERENBERG GOSSLER & CIE, HAMBURG	6,501	729	606,579	0.1121	0.1201%
BERNSTEIN SANFORD C & CO, NEW YORK	13,006,519	14,468	31,654,655	0.0011	0.0457%
BNP PARIBUS	1,104,124	15,530	32,770,654	0.0141	0.0474%
BNY MELLON CLEARING	2,327,969	5,981	26,689,536	0.0026	0.0224%
BOFA SECURITIES, INC, NEW YORK	406,861	1,847	1,635,912	0.0045	0.1129%
CACEIS BANK, PARIS	6,858	1,014	844,537	0.1479	0.1201%
CANACCORD GENUITY (AUSTRALIA) LTD,MELBOU	25,000	8,556	4,269,646	0.3423	0.2004%
CANTOR FITZGERALD EUROPE, LONDON	20,351	98	195,216	0.0048	0.0500%
CITIGROUP	6,448,902	30,790	53,733,241	0.0048	0.0573%
CLSA INDIA LTD, MUMBAI	52,622	873	1,266,620	0.0166	0.0690%
CREDIT INDUSTRIEL ET COMMERCIAL, PARIS	21,871	923	769,219	0.0422	0.1200%
CREDIT LYONNAIS SEC, SEOUL	628	30	80,037	0.0482	0.0378%
CREDIT LYONNAIS SECS (ASIA), HONG KONG	591,000	717	1,616,898	0.0012	0.0443%
CREDIT LYONNAIS SECS ASIA LTD, TAIPEI	554,297	3,197	2,816,347	0.0058	0.1135%
CREDIT LYONNAIS SECS, SINGAPORE	370,300	7,812	8,542,045	0.0211	0.0914%
CREDIT MUTUEL-CIC BANQUES, PARIS	1,688	247	206,310	0.1460	0.1195%
CREDIT SUISSE	3,697	310	347,781	0.0840	0.0893%
DAIWA SECURITIES	95,500	1,356	2,340,502	0.0142	0.0579%
DNB NOR MARKETS CUSTODY, OSLO	16,150	350	291,810	0.0217	0.1199%
EXANE, PARIS (EXANFRPP)	65,694	3,472	3,961,859	0.0528	0.0876%
GOLDMAN SACHS	10,895,299	23,203	32,980,509	0.0021	0.0704%
HAITONG INTL SEC CO LTD, HONG KONG	60,300	210	174,217	0.0035	0.1203%
HANWHA SECS CO LTD, SEOUL	6,358	1,175	2,996,834	0.1849	0.0392%
HSBC	284,893	1,219	4,078,152	0.0043	0.0299%
ICICI BROKERAGE SERVICES LTD, MUMBAI	153,915	1,009	3,033,551	0.0066	0.0333%
INSTINET CORP	510,353	4,000	7,589,827	0.0078	0.0527%
INVESTMENT TECHNOLOGY GROUP LTD,DUBLIN	509,574	10,511	20,636,008	0.0206	0.0509%
ISI GROUP	26,710	801	843,274	0.0300	0.0950%
ITG AUSTRALIA LTD, MELBOURNE	5,000,000	426	3,084,953	0.0001	0.0138%

ITG HONG KONG LIMITED, HONG KONG	1,296	176	176,743	0.1354	0.0993%
J.P MORGAN SECURITIES INC, NEW YORK	59,367	896	4,125,579	0.0151	0.0217%
JEFFERIES & CO INC, NEW YORK	650,646	4,272	11,547,042	0.0066	0.0370%
JEFFERIES & CO LTD, LONDON	1,411,153	4,285	5,426,190	0.0030	0.0790%
JEFFERIES HONG KONG LIMITED, HONG KONG	506,300	1,300	2,693,483	0.0026	0.0483%
JEFFERIES INDIA PRIVATE LTD, MUMBAI	383,619	4,709	3,608,817	0.0123	0.1305%
JP MORGAN SECURITIES	11,334,989	30,501	58,814,233	0.0027	0.0519%
JPMORGAN SECURITIES INC, NEW YORK	262,400	1,694	1,551,072	0.0065	0.1092%
KEB SALOMON SMITH BARNEY SECS, SEOUL	3,356	647	437,585	0.1927	0.1478%
KIM ENG SECS PT, JAKARTA	1,524,000	304	203,022	0.0002	0.1497%
KOTAK SECURITIES,MUMBAI	48,015	986	984,093	0.0205	0.1002%
LIQUIDNET ASIA LTD, HONG KONG	574,800	92	205,520	0.0002	0.0445%
LIQUIDNET EUROPE LIMITED, LONDON	50,158	1,284	2,147,313	0.0256	0.0598%
LIQUIDNET INC, NEW YORK	18,688	280	3,052,936	0.0150	0.0092%
MACQUARIE SECURITIES	3,575,997	17,028	19,023,630	0.0048	0.0895%
MERRILL LYNCH	2,836,092	23,893	50,124,261	0.0084	0.0477%
MIRAE ASSET SECURITIES, SEOUL	12,062	698	580,580	0.0579	0.1202%
MITSUBISHI SECURITIES	79,100	2,513	2,096,338	0.0318	0.1199%
MIZUHO SECURITIES USA INC, NEW YORK	117,407	2,518	2,936,392	0.0214	0.0858%
MIZUHO SECURITIES USA INC. NEW YORK	3,902,260	16,425	21,511,002	0.0042	0.0764%
MORGAN STANLEY	17,604,916	32,832	52,278,907	0.0019	0.0628%
MOTILAL OSWAL, INDIA	150,907	1,096	1,040,980	0.0073	0.1053%
NATIONAL FINL SVCS CORP, NEW YORK	18,039	288	5,864,718	0.0160	0.0049%
NOMURA SECURITIES	219,192	772	2,571,537	0.0035	0.0300%
NUMIS SECURITIES LTD, LONDON	170,305	710	472,884	0.0042	0.1502%
NUVAMA WEALTH MANAGEMENT LTD, MUMBAI	59,673	278	222,377	0.0047	0.1251%
OPTIVER VOF, AMSTERDAM	1,895	1,127	1,609,139	0.5948	0.0700%
PAREL, PUTEAUX	39,277	2,013	5,254,945	0.0512	0.0383%
PEEL HUNT LLP, LONDON	16,341	142	118,209	0.0087	0.1198%
RAYMOND JAMES & ASSOC INC, ST PETERSBURG	15,000	563	2,500,317	0.0375	0.0225%
RBC CAPITAL MARKETS	542,390	8,457	16,971,532	0.0156	0.0498%
S G WARBURG, SEOUL	118,789	2,351	4,704,186	0.0198	0.0500%
SAMSUNG SECS, SEOUL	8,735	430	357,342	0.0492	0.1203%
SANFORD C BERNSTEIN & CO INC, LONDON	227,082	8,851	9,615,254	0.0390	0.0920%
SANFORD C. BERNSTEIN (INDIA) PRI, MUMBAI	100,826	970	648,633	0.0096	0.1496%
SANTANDER INVESTMENT SEC INC, NEW YORK	96,800	373	310,754	0.0039	0.1201%
SHENYIN WANGUO SECS LTD, HONG KONG	43,800	303	251,486	0.0069	0.1203%
SMBC SECURITIES, INC NEW YORK	271,575	3,548	5,503,647	0.0131	0.0645%
SOCIETE GENERALE, PARIS	192,634	1,135	2,451,995	0.0059	0.0463%
STIFEL NICOLAUS	1,388	10	56,468	0.0075	0.0185%
TOKAI TOKYO SEC CO LTD, TOKYO	70,000	3,016	2,513,720	0.0431	0.1200%
UBS	4,848,005	44,118	50,469,591	0.0091	0.0874%
UNION BANK OF SWITZERLAND, ZURICH	74,000	5,492	7,840,231	0.0742	0.0700%
WARBURG DILLON READ SEC, MUMBAI	415,066	3,256	6,154,555	0.0078	0.0529%
WEDBUSH MORGAN SECS INC, LOS ANGELES	1,728	30	12,962	0.0175	0.2334%
TOTAL GLOBAL	97,014,064	397,084	654,379,929	0.0041	0.0607%

Kentucky Public Pensions Authority
Global Equity - Common Stock Commissions
Quarter Ended September 30, 2023

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
AMERICAN CENTURY	13,304,424	94,108	205,308,058	0.0071	0.0458%
AXIOM	9,169,615	49,550	45,613,629	0.0054	0.1086%
FRANKIN TEMPLETON	8,191,800	108,342	150,507,698	0.0132	0.0720%
JP MORGAN EMERG MKTS	5,735,513	30,379	47,891,261	0.0053	0.0634%
LAZARD ASSET MGMT	888,187	21,611	51,503,131	0.0243	0.0420%
LSV ASSET MANAGEMENT	9,468,473	30,443	64,046,560	0.0032	0.0475%
LSV ASSET MGMT	4,271,504	14,871	31,441,031	0.0035	0.0473%
PZENA EMERGING MKTS	45,984,548	47,779	58,068,561	0.0010	0.0823%
TOTAL GLOBAL	97,014,064	397,084	654,379,929	0.0041	0.0607%