

Kentucky Public Pensions Authority

# Domestic and Global Commissions Report

Quarter Ending: December 31, 2022

**Kentucky Public Pensions Authority**  
**Domestic Equity - Common Stock Commissions**  
**Quarter Ended December 31, 2022**

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
BAIRD, ROBERT W & CO INC, MILWAUKEE	71,541	2,692	6,336,326	0.0376	0.0425%
BARCLAYS	179,860	6,872	6,939,513	0.0382	0.0990%
BERNSTEIN SANFORD C & CO, NEW YORK	52,703	1,054	4,729,784	0.0200	0.0223%
BMO CAPITAL MARKETS CORP, NEW YORK	15,003	600	2,042,832	0.0400	0.0294%
BNY MELLON CLEARING	367,588	14,650	10,754,914	0.0399	0.1362%
BTIG LLC, NEW YORK	708,005	14,811	26,199,691	0.0209	0.0565%
CANTOR FITZGERALD & CO INC, NEW YORK	98,728	1,975	9,267,203	0.0200	0.0213%
CITIGROUP	71,175	2,671	7,162,157	0.0375	0.0373%
COWEN AND CO LLC, NEW YORK	2,180	87	272,895	0.0400	0.0320%
COWEN AND COMPANY, LLC, JERSEY CITY	178,333	1,783	3,613,185	0.0100	0.0494%
CREDIT SUISSE	90,369	2,081	16,799,561	0.0230	0.0124%
GOLDMAN SACHS	626,560	12,391	20,679,873	0.0198	0.0599%
GUGGENHEIM CAPITAL MARKETS LLC, NEW YORK	370,395	13,102	11,371,853	0.0354	0.1152%
INSTINET CORP	314,060	6,281	39,078,649	0.0200	0.0161%
ISI GROUP	499,365	10,562	36,365,085	0.0212	0.0290%
J.P MORGAN SECURITIES INC, NEW YORK	21,754	435	3,719,512	0.0200	0.0117%
JEFFERIES & CO INC, NEW YORK	49,005	980	3,026,710	0.0200	0.0324%
JMP SECURITIES, SAN FRANCISCO	13,432	537	1,448,419	0.0400	0.0371%
JONESTRADING INST SVCS LLC, NEW YORK	19,311	579	3,535,705	0.0300	0.0164%
LEERINK SWANN AND COMPANY, NEW YORK	61,002	2,440	1,449,973	0.0400	0.1683%
LIQUIDNET INC, NEW YORK	1,249,951	14,347	31,816,961	0.0115	0.0451%
LUMINEX TRADING AND ANALYTICS, BOSTON	73,467	1,984	3,713,489	0.0270	0.0534%
MERRILL LYNCH	783,758	14,129	24,912,592	0.0180	0.0567%
MIZUHO SECURITIES USA, INC., NEW YORK	37,151	1,486	886,692	0.0400	0.1676%
MORGAN STANLEY	15,230	609	977,998	0.0400	0.0623%
NATIONAL FINL SVCS CORP, NEW YORK	95,470	2,864	769,660	0.0300	0.3721%
NEEDHAM AND CO LLC, NEW YORK	47,841	1,817	3,785,469	0.0380	0.0480%
NEEDHAM AND COMPANY LLC, JERSEY CITY	15,247	455	170,229	0.0298	0.2671%
NORTHLAND SECURITIES INC., NEW YORK	70,898	2,836	2,926,158	0.0400	0.0969%
O NEIL WILLIAM CO INC BCC CLRG, NEW YORK	10,288	412	2,293,857	0.0400	0.0179%
OPPENHEIMER & CO INC, NEW YORK	29,667	1,187	4,928,141	0.0400	0.0241%
PIPER JAFFRAY & CO., JERSEY CITY	719,095	21,092	11,510,335	0.0293	0.1832%
RAYMOND JAMES & ASSOC INC, ST PETERSBURG	18,840	754	2,539,368	0.0400	0.0297%
RBC CAPITAL MARKETS	354,760	9,453	6,719,362	0.0266	0.1407%
STIFEL NICOLAUS	82,981	2,607	1,652,075	0.0314	0.1578%
SUNTRUST CAPITAL MARKETS INC, NEW YORK	74,800	2,992	3,935,293	0.0400	0.0760%
UBS	944,742	9,950	38,052,305	0.0105	0.0261%
VIRTU AMERICAS LLC, NEW YORK	43,992	1,100	6,202,496	0.0250	0.0177%
WEDBUSH SECURITIES INC./P3, LOS ANGELES	9,170	367	752,412	0.0400	0.0487%
WELLS FARGO SECURITIES, LLC, NEW YORK	203,609	7,310	9,445,289	0.0359	0.0774%
WILLIAM BLAIR & CO, CHICAGO	230,008	8,548	6,049,068	0.0372	0.1413%
<b>TOTAL DOMESTIC</b>	<b>8,921,334</b>	<b>202,881</b>	<b>378,833,089</b>	<b>0.0227</b>	<b>0.0536%</b>

**Kentucky Public Pensions Authority**  
**Domestic Equity - Common Stock Commissions**  
**Quarter Ended December 31, 2022**

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
CRESTVIEW PTNRS II	73,614	736	2,067,377	0.0100	0.0356%
NEXT CENTURY GROWTH	3,865,402	96,580	75,711,803	0.0250	0.1276%
NTGI STRUCTURED	879,796	10,794	21,299,760	0.0123	0.0507%
RIVER ROAD FAV	1,499,729	29,995	103,141,734	0.0200	0.0291%
S&P 500 INDEX	854,368	8,544	34,502,897	0.0100	0.0248%
TORTOISE CAP	32,816	246	398,050	0.0075	0.0618%
WESTFIELD CAPITAL	1,715,609	55,987	141,711,468	0.0326	0.0395%
<b>TOTAL DOMESTIC</b>	<b>8,921,334</b>	<b>202,881</b>	<b>378,833,089</b>	<b>0.0227</b>	<b>0.0536%</b>

**Kentucky Public Pensions Authority**  
**Global Equity - Common Stock Commissions**  
**Quarter Ended December 31, 2022**

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
ABG SEC AS (NORGE), FILIAL, STOCKHOLM	114,918	3,728	2,488,980	0.0324	0.1498%
ABN AMRO CLEARING BANK N.V, AMSTERDAM	43,949	1,010	4,291,652	0.0230	0.0235%
BAIRD, ROBERT W & CO INC, MILWAUKEE	8,985	263	758,595	0.0293	0.0347%
BANCO BTG PACTUAL SA, RIO DE JANEIRO	338,874	706	898,538	0.0021	0.0785%
BANCO ITAU, SAO PAULO	222,761	722	822,645	0.0032	0.0878%
BARCLAYS	453,873	5,988	9,825,591	0.0132	0.0609%
BERENBERG GOSSLER & CIE, HAMBURG	64,076	3,843	2,700,781	0.0600	0.1423%
BERNSTEIN SANFORD C & CO, NEW YORK	4,429,815	6,250	12,765,559	0.0014	0.0490%
BMO CAPITAL MARKETS CORP, NEW YORK	61,717	1,091	2,244,331	0.0177	0.0486%
BNP PARIBUS	14,674,547	6,765	10,106,473	0.0005	0.0669%
BNY MELLON CLEARING	872,078	12,981	12,993,661	0.0149	0.0999%
BOFA SECURITIES, INC, NEW YORK	106,558	1,611	5,599,306	0.0151	0.0288%
CARNEGIE ASA, OSLO	36,500	152	126,729	0.0042	0.1201%
CIMB SECURITIES (USA), INC, NEW YORK	51,200	376	313,750	0.0073	0.1197%
CITIGROUP	7,563,504	22,932	47,983,687	0.0030	0.0478%
CLSA INDIA LTD, MUMBAI	18,342	156	522,225	0.0085	0.0300%
CREDIT INDUSTRIEL ET COMMERCIAL, PARIS	92,300	982	819,685	0.0106	0.1198%
CREDIT LYONNAIS SEC, SEOUL	235	35	115,421	0.1473	0.0300%
CREDIT LYONNAIS SECS (ASIA), HONG KONG	1,885,900	730	1,773,747	0.0004	0.0412%
CREDIT LYONNAIS SECS ASIA LTD, TAIPEI	118,000	155	406,735	0.0013	0.0380%
CREDIT LYONNAIS SECS, SINGAPORE	162,800	817	2,204,941	0.0050	0.0370%
CREDIT SUISSE	5,279,786	8,169	16,214,564	0.0015	0.0504%
D CARNEGIE AB, STOCKHOLM	268,807	13,074	8,798,480	0.0486	0.1486%
DAIWA SECURITIES	308,219	5,323	7,744,384	0.0173	0.0687%
DEN NORSKE CREDITBANK, OSLO	49,051	209	174,114	0.0043	0.1201%
EXANE, PARIS (EXANFRPP)	305,362	11,995	27,470,090	0.0393	0.0437%
GOLDMAN SACHS	1,459,240	14,975	27,084,690	0.0103	0.0553%
HAITONG INTL SEC CO LTD, HONG KONG	138,260	847	1,008,177	0.0061	0.0840%
HANWHA SECS CO LTD, SEOUL	17,368	1,277	1,674,536	0.0735	0.0763%
HSBC	1,595,892	3,632	5,021,642	0.0023	0.0723%
INSTINET CORP	2,078,219	5,387	5,827,604	0.0026	0.0924%
INVESTMENT TECHNOLOGY GROUP LTD,DUBLIN	149,815	1,182	3,957,728	0.0079	0.0299%
ITG AUSTRALIA LTD, MELBOURNE	156,150	189	862,154	0.0012	0.0219%
JEFFERIES & CO INC, NEW YORK	334,132	1,560	5,833,352	0.0047	0.0267%
JEFFERIES & CO LTD, LONDON	814,839	2,148	6,263,725	0.0026	0.0343%
JEFFERIES HONG KONG LIMITED, HONG KONG	3,518,000	1,385	2,547,863	0.0004	0.0543%
JEFFERIES INDIA PRIVATE LTD, MUMBAI	496,551	1,787	1,804,280	0.0036	0.0990%
JP MORGAN SECURITIES	5,312,973	20,645	44,641,676	0.0039	0.0462%
JPMORGAN SECURITIES INC, NEW YORK	647,860	5,506	4,946,546	0.0085	0.1113%

KEPLER EQUITIES, PARIS	24,885	5,524	4,992,279	0.2220	0.1106%
LIQUIDNET ASIA LTD, HONG KONG	31,300	29	97,384	0.0009	0.0300%
LIQUIDNET EUROPE LIMITED, LONDON	102,355	841	1,680,718	0.0082	0.0500%
MACQUARIE SECURITIES	675,306	4,847	6,304,962	0.0072	0.0769%
MERRILL LYNCH	7,494,750	38,845	62,647,643	0.0052	0.0620%
MIRAE ASSET SECURITIES, SEOUL	9,013	455	303,615	0.0505	0.1498%
MITSUBISHI SECURITIES	33,600	841	699,887	0.0250	0.1201%
MIZUHO SECURITIES USA INC. NEW YORK	380,820	5,100	7,374,716	0.0134	0.0692%
MORGAN STANLEY	1,770,222	21,837	39,956,131	0.0123	0.0547%
NATIONAL FINL SVCS CORP, NEW YORK	4,445	52	392,748	0.0116	0.0132%
NOMURA SECURITIES	85,211	184	614,733	0.0022	0.0300%
NUMIS SECURITIES LTD, LONDON	162,492	4,903	5,970,755	0.0302	0.0821%
ODDO ET CIE, PARIS	640	198	164,586	0.3090	0.1201%
OPTIVER VOF, AMSTERDAM	29,013	417	595,463	0.0144	0.0700%
PAREL, PARIS	19,173	152	303,273	0.0079	0.0500%
PAREL, PUTEAUX	81,011	3,154	5,630,010	0.0389	0.0560%
PIPER JAFFRAY & CO., JERSEY CITY	2,670	80	457,476	0.0300	0.0175%
RBC CAPITAL MARKETS	848,356	1,608	9,989,646	0.0019	0.0161%
S G WARBURG, SEOUL	6,127	29	290,613	0.0047	0.0100%
SANFORD C BERNSTEIN & CO INC, LONDON	167,914	4,741	4,745,389	0.0282	0.0999%
SANFORD C BERNSTEIN LTD, LONDON	1,478,700	2,414	961,799	0.0016	0.2510%
SANFORD C. BERNSTEIN (INDIA) PRI, MUMBAI	154,843	1,945	1,295,489	0.0126	0.1501%
SCOTIA CAPITAL MKTS, TORONTO	220,000	647	1,686,091	0.0029	0.0384%
SG SECURITIES, HONG KONG	30,376	50	167,463	0.0017	0.0300%
SHENYIN WANGUO SECS LTD, HONG KONG	953,500	1,631	1,359,660	0.0017	0.1200%
SKANDINAVISKA ENSKILDA BANKEN, LONDON	53,806	518	740,398	0.0096	0.0700%
SMBC SECURITIES, INC NEW YORK	14,600	1,104	919,759	0.0756	0.1201%
SOCIETE GENERALE, PARIS	44,800	419	841,908	0.0094	0.0498%
SVENSKA HANDELSBANKEN, STOCKHOLM	66,049	582	485,039	0.0088	0.1200%
TORONTO DOMINION SEC, TORONTO	3,864	14	289,630	0.0037	0.0049%
UBS	3,567,642	25,756	62,230,867	0.0072	0.0414%
WARBURG DILLON READ SEC, MUMBAI	245,387	1,803	2,411,804	0.0073	0.0748%
<b>TOTAL GLOBAL</b>	<b>73,014,326</b>	<b>301,303</b>	<b>518,240,571</b>	<b>0.0041</b>	<b>0.0581%</b>

**Kentucky Public Pensions Authority**

**Global Equity - Common Stock Commissions**

**Quarter Ended December 31, 2022**

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
AMERICAN CENTURY	6,275,710	58,611	130,843,613	0.0093	0.0448%
AXIOM	9,322,995	50,474	60,874,002	0.0054	0.0829%
FRANKIN TEMPLETON	7,413,264	82,622	91,613,275	0.0111	0.0902%
JP MORGAN EMERG MKTS	19,812,694	11,727	25,134,624	0.0006	0.0467%
LAZARD ASSET MGMT	3,612,482	32,955	96,560,821	0.0091	0.0341%
LSV ASSET MANAGEMENT	12,799,319	25,924	54,466,541	0.0020	0.0476%
LSV ASSET MGMT	6,305,072	13,992	29,708,172	0.0022	0.0471%
MANULIFE ASSET MGMT	28,820	1,100	1,767,534	0.0382	0.0622%
PZENA EMERGING MKTS	7,443,970	23,898	27,271,989	0.0032	0.0876%
<b>TOTAL GLOBAL</b>	<b>73,014,326</b>	<b>301,303</b>	<b>518,240,571</b>	<b>0.0041</b>	<b>0.0581%</b>