

Kentucky Public Pensions Authority

Domestic and Global Commissions Report

Quarter Ending: September 30, 2022

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

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
BAIRD, ROBERT W & CO INC, MILWAUKEE	109,903	3,340	1,158,758	0.0304	0.2882%
BARCLAYS	77,849	1,497	3,374,121	0.0192	0.0444%
BERNSTEIN SANFORD C & CO, NEW YORK	105,084	2,102	7,252,314	0.0200	0.0290%
BMO CAPITAL MARKETS CORP, NEW YORK	11,398	456	1,933,134	0.0400	0.0236%
BNY MELLON CLEARING	622,078	12,606	49,795,509	0.0203	0.0253%
BTIG LLC, NEW YORK	2,965,769	60,209	79,801,645	0.0203	0.0754%
CITIGROUP	120,822	2,267	5,839,546	0.0188	0.0388%
COWEN AND CO LLC, NEW YORK	211,083	5,902	7,484,989	0.0280	0.0789%
CREDIT SUISSE	87,885	1,630	9,287,239	0.0185	0.0176%
GOLDMAN SACHS	595,000	11,900	51,399,498	0.0200	0.0232%
GUGGENHEIM CAPITAL MARKETS LLC, NEW YORK	174,315	5,590	4,661,529	0.0321	0.1199%
INSTINET CORP	851,471	16,934	44,489,859	0.0199	0.0381%
ISI GROUP	126,196	2,759	14,019,812	0.0219	0.0197%
J.P MORGAN SECURITIES INC, NEW YORK	162,973	3,338	21,942,761	0.0205	0.0152%
JEFFERIES & CO INC, NEW YORK	81,516	1,630	1,988,787	0.0200	0.0820%
JMP SECURITIES, SAN FRANCISCO	84,485	2,658	1,195,684	0.0315	0.2223%
JONESTRADING INST SVCS LLC, NEW YORK	300,617	6,634	15,455,463	0.0221	0.0429%
JP MORGAN SECURITIES	9,041	238	59,744	0.0264	0.3992%
KEEFE BRUYETTE + WOODS INC, NEW YORK	17,067	683	753,005	0.0400	0.0907%
KEYBANC CAPITAL MARKETS INC, NEW YORK	11,120	445	656,508	0.0400	0.0678%
LIQUIDNET INC, NEW YORK	1,440,664	16,283	33,001,024	0.0113	0.0493%
LUMINEX TRADING AND ANALYTICS, BOSTON	119,743	2,297	4,756,668	0.0192	0.0483%
MERRILL LYNCH	2,760,575	34,309	68,599,474	0.0124	0.0500%
MKM PARTNERS LLC, GREENWICH	44,204	1,667	806,528	0.0377	0.2066%
MORGAN STANLEY	95,606	3,824	8,763,594	0.0400	0.0436%
NATIONAL FINL SVCS CORP, NEW YORK	166,238	4,987	1,172,040	0.0300	0.4255%
NEEDHAM AND CO LLC, NEW YORK	128,747	4,311	3,442,063	0.0335	0.1252%
OPPENHEIMER & CO INC, NEW YORK	23,836	953	1,847,975	0.0400	0.0516%
PIPER JAFFRAY & CO., JERSEY CITY	458,773	13,611	12,081,444	0.0297	0.1127%
RBC CAPITAL MARKETS	178,475	5,488	3,533,823	0.0308	0.1553%
STIFEL NICOLAUS	60,280	2,046	1,563,914	0.0339	0.1309%
TOURMALINE PARTNERS LLC, NEW YORK	33,182	664	2,328,040	0.0200	0.0285%
UBS	2,743,861	27,839	264,709,540	0.0101	0.0105%
VIRTU AMERICAS LLC, NEW YORK	646,585	12,969	24,415,308	0.0201	0.0531%
WELLS FARGO SECURITIES, LLC, NEW YORK	81,725	823	1,946,910	0.0101	0.0423%
WILLIAM BLAIR & CO, CHICAGO	243,799	9,752	7,489,298	0.0400	0.1302%
TOTAL DOMESTIC	15,951,965	284,643	763,007,548	0.0178	0.0373%

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

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
NEXT CENTURY GROWTH	3,072,164	71,043	56,030,257	0.0231	0.1268%
NTGI STRUCTURED	2,738,933	34,886	67,363,229	0.0127	0.0518%
RIVER ROAD FAV	6,072,583	121,452	274,843,462	0.0200	0.0442%
S&P 500 INDEX	2,728,925	27,289	262,972,137	0.0100	0.0104%
SHENKMAN CAP	7,404	222	58,547	0.0300	0.3794%
TORTOISE CAP	463,492	3,384	11,002,376	0.0073	0.0308%
WESTFIELD CAPITAL	868,464	26,366	90,737,540	0.0304	0.0291%
TOTAL DOMESTIC	15,951,965	284,643	763,007,548	0.0178	0.0373%

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

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
ABN AMRO CLEARING BANK N.V, AMSTERDAM	1,000	104	347,850	0.1044	0.0300%
BAIRD, ROBERT W & CO INC, MILWAUKEE	9,900	297	2,615,858	0.0300	0.0114%
BANCO BTG PACTUAL SA, RIO DE JANEIRO	189,000	394	515,425	0.0021	0.0765%
BANCO ITAU, SAO PAULO	321,900	1,470	783,429	0.0046	0.1876%
BANCO SANTANDER, NEW YORK	116,400	394	492,999	0.0034	0.0799%
BARCLAYS	745,563	5,256	18,895,690	0.0070	0.0278%
BERENBERG GOSSLER & CIE, HAMBURG	77,200	5,777	3,848,082	0.0748	0.1501%
BERNSTEIN SANFORD C & CO, NEW YORK	874,840	1,096	2,089,511	0.0013	0.0525%
BNP PARIBUS	709,700	7,805	7,502,459	0.0110	0.1040%
BNY MELLON CLEARING	1,680,850	8,802	14,234,429	0.0052	0.0618%
BOFA SECURITIES, INC, NEW YORK	644,600	440	877,105	0.0007	0.0502%
BROCKHOUSE AND COOPER, MONTREAL	8,500	8	27,834	0.0010	0.0300%
CITIGROUP	1,419,538	23,184	31,298,686	0.0163	0.0741%
CLSA INDIA LTD, MUMBAI	46,728	436	447,028	0.0093	0.0976%
CREDIT LYONNAIS SEC, SEOUL	13,268	853	1,137,149	0.0643	0.0751%
CREDIT LYONNAIS SECS (ASIA), HONG KONG	3,067,600	704	2,334,073	0.0002	0.0302%
CREDIT LYONNAIS SECS ASIA LTD, TAIPEI	6,000	23	31,124	0.0039	0.0749%
CREDIT SUISSE	4,198,064	17,460	21,950,114	0.0042	0.0795%
D CARNEGIE AB, STOCKHOLM	40,489	458	415,969	0.0113	0.1101%
DAIWA SECURITIES	250,200	2,114	4,350,119	0.0084	0.0486%
EXANE, PARIS (EXANFRPP)	158,158	1,483	6,430,246	0.0094	0.0231%
FUBON SECS CO LTD (HEAD OFFICE), TAIPEI	17,000	108	271,259	0.0064	0.0400%
GOLDMAN SACHS	1,864,314	16,056	18,063,759	0.0086	0.0889%
HANWHA SECS CO LTD, SEOUL	48,991	2,918	2,803,696	0.0596	0.1041%
HSBC	748,617	4,219	7,659,481	0.0056	0.0551%
INSTINET CORP	1,200,633	1,911	5,259,278	0.0016	0.0363%
INVESTMENT TECHNOLOGY GROUP LTD,DUBLIN	1,204,053	5,482	20,240,912	0.0046	0.0271%
JEFFERIES & CO INC, NEW YORK	523,450	383	3,429,387	0.0007	0.0112%
JEFFERIES & CO LTD, LONDON	181,528	7,015	6,976,735	0.0386	0.1006%
JEFFERIES HONG KONG LIMITED, HONG KONG	5,409,900	2,576	5,264,167	0.0005	0.0489%
JP MORGAN SECURITIES	8,824,661	11,309	20,323,996	0.0013	0.0556%
KEPLER EQUITIES, PARIS	151,100	1,357	2,713,313	0.0090	0.0500%
KOTAK SECURITIES,MUMBAI	6,053	44	44,207	0.0073	0.0998%
LIQUIDNET ASIA LTD, HONG KONG	66,000	104	104,175	0.0016	0.1002%
LIQUIDNET EUROPE LIMITED, LONDON	203,541	379	758,004	0.0019	0.0500%
LIQUIDNET INC, NEW YORK	173	3	40,028	0.0150	0.0065%
LUMINEX TRADING AND ANALYTICS, BOSTON	173	1	35,337	0.0050	0.0024%
MACQUARIE SECURITIES	1,614,195	4,711	4,876,754	0.0029	0.0966%
MERRILL LYNCH	5,699,835	13,268	18,393,302	0.0023	0.0721%
MIZUHO SECURITIES USA INC. NEW YORK	155,600	1,375	2,749,627	0.0088	0.0500%
MORGAN STANLEY	9,502,703	26,531	40,073,137	0.0028	0.0662%
MOTILAL OSWAL, INDIA	53,665	552	553,113	0.0103	0.0998%
NATIONAL FINL SVCS CORP, NEW YORK	47,045	1,338	366,534	0.0284	0.3650%
NOMURA SECURITIES	8,500	78	190,378	0.0092	0.0410%
NUMIS SECURITIES LTD, LONDON	1,300,000	6,105	4,096,534	0.0047	0.1490%
PAREL, PUTEAUX	73,305	1,482	2,001,986	0.0202	0.0740%
RBC CAPITAL MARKETS	724,462	5,506	10,467,982	0.0076	0.0526%
S G WARBURG, SEOUL	890	20	40,743	0.0229	0.0500%
SANFORD C BERNSTEIN & CO INC, LONDON	186,546	7,528	8,127,507	0.0404	0.0926%
SG SECURITIES, HONG KONG	26,000	10	35,164	0.0004	0.0297%
SKANDINAVISKA ENSKILDA BANKEN, LONDON	23,689	367	532,527	0.0155	0.0688%
STIFEL NICOLAUS EUROPE LIMITED, LONDON	100,000	1,805	1,201,800	0.0181	0.1502%
UBS	3,189,119	9,700	15,681,955	0.0030	0.0619%
WARBURG DILLON READ SEC, MUMBAI	79,981	446	779,352	0.0056	0.0572%
WELLS FARGO SECURITIES LLC, CHARLOTTE	6,052	182	283,945	0.0300	0.0639%

WELLS FARGO SECURITIES, LLC, NEW YORK	2,877	14	687,731	0.0050	0.0021%
WILLIAM BLAIR & CO, CHICAGO	552	17	379,425	0.0300	0.0044%
TOTAL GLOBAL	57,824,701	213,460	326,132,409	0.0037	0.0655%

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Global Equity - Common Stock Commissions
Quarter Ended September 30, 2022

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
AMERICAN CENTURY	3,030,392	24,614	51,877,557	0.0081	0.0474%
FRANKIN TEMPLETON	6,066,500	86,036	99,662,406	0.0142	0.0863%
JP MORGAN EMERG MKTS	7,456,720	13,609	18,220,454	0.0018	0.0747%
LAZARD ASSET MGMT	5,977,644	22,819	61,471,285	0.0038	0.0371%
LSV ASSET MANAGEMENT	21,950,404	25,312	53,104,636	0.0012	0.0477%
LSV ASSET MGMT	8,682,169	7,364	14,624,133	0.0008	0.0504%
MANULIFE ASSET MGMT	180,446	4,093	4,029,904	0.0227	0.1016%
PZENA EMERGING MKTS	4,480,426	29,614	23,142,034	0.0066	0.1280%
TOTAL GLOBAL	57,824,701	213,460	326,132,409	0.0037	0.0655%