

Kentucky Public Pensions Authority

Domestic and Global Commissions Report

Quarter Ending: December 31, 2021

Kentucky Public Pensions Authority					
Domestic Equity - Common Stock Commissions					
Quarter Ended December 31, 2021					

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
BAIRD, ROBERT W & CO INC, MILWAUKEE	25,982	1,039	4,113,674	0.0400	0.0253%
BARCLAYS	376,748	3,994	18,998,606	0.0106	0.0210%
BERNSTEIN SANFORD C & CO, NEW YORK	18,438	447	3,780,479	0.0242	0.0118%
BNY MELLON CLEARING	199,055	7,742	5,364,442	0.0389	0.1443%
BTIG LLC, NEW YORK	2,017,290	40,346	51,990,881	0.0200	0.0776%
CANTOR FITZGERALD & CO INC, NEW YORK	14,075	282	578,259	0.0200	0.0487%
CITIGROUP	48,443	1,253	1,731,503	0.0259	0.0724%
COWEN AND COMPANY, LLC, JERSEY CITY	174,201	1,742	4,947,232	0.0100	0.0352%
CREDIT SUISSE	54,798	884	7,992,188	0.0161	0.0111%
DOUGHERTY & COMPANY LLC, MINNEAPOLIS	59,830	1,816	845,793	0.0304	0.2147%
GOLDMAN SACHS	20,752	715	3,380,598	0.0344	0.0211%
GUGGENHEIM CAPITAL MARKETS LLC, NEW YORK	163,087	6,523	8,999,685	0.0400	0.0725%
INSTINET CORP	1,192,739	18,930	60,879,944	0.0159	0.0311%
ISI GROUP	160,172	5,586	5,342,723	0.0349	0.1045%
J.P MORGAN SECURITIES INC, NEW YORK	138,184	2,003	13,473,678	0.0145	0.0149%
JEFFERIES & CO INC, NEW YORK	192,898	6,473	5,961,281	0.0336	0.1086%
JONESTRADING INST SVCS LLC, NEW YORK	5,230	157	1,027,658	0.0300	0.0153%
KEYBANC CAPITAL MARKETS INC, NEW YORK	46,086	1,843	4,401,804	0.0400	0.0419%
LEERINK SWANN AND COMPANY, NEW YORK	32,611	1,304	2,603,969	0.0400	0.0501%
LIQUIDNET INC, NEW YORK	1,581,838	16,511	52,055,996	0.0104	0.0317%
LUMINEX TRADING AND ANALYTICS, BOSTON	44,489	1,143	4,614,788	0.0257	0.0248%
MERRILL LYNCH	1,473,354	14,839	33,060,660	0.0101	0.0449%
MKM PARTNERS LLC, GREENWICH	22,174	887	560,115	0.0400	0.1584%
NATIONAL FINL SVCS CORP, NEW YORK	28,300	955	704,323	0.0337	0.1355%
NEEDHAM AND CO LLC, NEW YORK	238,700	5,655	4,184,420	0.0237	0.1352%
PIPER JAFFRAY & CO., JERSEY CITY	487,004	14,508	22,016,177	0.0298	0.0659%
RAYMOND JAMES & ASSOC INC, ST PETERSBURG	103,426	2,069	2,487,551	0.0200	0.0832%
RBC CAPITAL MARKETS	5,790	232	786,867	0.0400	0.0294%
SCOTIA CAPITAL (USA) INC, NEW YORK	20,674	155	250,856	0.0075	0.0618%
STIFEL NICOLAUS	33,618	1,345	1,219,608	0.0400	0.1103%
SUNTRUST CAPITAL MARKETS INC, NEW YORK	79,217	3,169	3,569,422	0.0400	0.0888%
UBS	2,208,608	19,346	224,025,067	0.0088	0.0086%
USCA SECURITIES LLC, HOUSTON	58,017	435	537,621	0.0075	0.0809%
VIRTU AMERICAS LLC, NEW YORK	44,310	1,329	4,751,566	0.0300	0.0280%
WEDBUSH SECURITIES INC./P3, LOS ANGELES	53,551	2,142	2,631,381	0.0400	0.0814%
WELLS FARGO SECURITIES, LLC, NEW YORK	28,520	1,141	5,339,690	0.0400	0.0214%
WILLIAM BLAIR & CO, CHICAGO	113,420	4,459	5,407,106	0.0393	0.0825%
TOTAL DOMESTIC	11,565,629	193,398	574,617,611	0.0167	0.0337%

Kentucky Public Pensions Authority					
Domestic Equity - Common Stock Commissions					
Quarter Ended December 31, 2021					

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
DAG VENTURES V QP	346,342	3,463	3,033,871	0.0100	0.1142%
NEXT CENTURY GROWTH	3,023,761	63,632	92,940,999	0.0210	0.0685%
NTGI STRUCTURED	1,323,289	11,765	28,169,740	0.0089	0.0418%
RIVER ROAD FAV	3,410,336	63,091	120,357,561	0.0185	0.0524%
S&P 500 INDEX	1,862,266	15,882	220,991,196	0.0085	0.0072%
TORTOISE CAP	637,465	4,781	8,466,505	0.0075	0.0565%
WESTFIELD CAPITAL	962,170	30,783	100,657,739	0.0320	0.0306%
TOTAL DOMESTIC	11,565,629	193,398	574,617,611	0.0167	0.0337%

Kentucky Public Pensions Authority
Global Equity - Common Stock Commissions
Quarter Ended December 31, 2021

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
ABN AMRO CLEARING BANK N.V, AMSTERDAM	52,212	722	3,384,973	0.0138	0.0213%
BANCO BTG PACTUAL SA, RIO DE JANEIRO	62,975	173	216,354	0.0028	0.0801%
BANCO ITAU, SAO PAULO	427,048	2,217	1,763,231	0.0052	0.1257%
BARCLAYS	1,192,591	10,204	51,641,415	0.0086	0.0198%
BERENBERG GOSSLER & CIE, HAMBURG	718,047	6,514	4,434,587	0.0091	0.1469%
BERNSTEIN SANFORD C & CO, NEW YORK	1,839,444	6,142	26,426,219	0.0033	0.0232%
BNP PARIBUS	2,669,073	8,566	16,318,293	0.0032	0.0525%
BNY MELLON CLEARING	1,326,827	8,603	18,293,026	0.0065	0.0470%
BOFA SECURITIES, INC, NEW YORK	111,700	808	779,036	0.0072	0.1037%
BRADESCO S.A. CTVM, SAO PAULO	33,400	249	310,347	0.0074	0.0801%
BROCKHOUSE AND COOPER, MONTREAL	27,900	33	108,780	0.0012	0.0300%
CHINA INTL CAP CORP HK SECS, HONG KONG	4,000	39	77,911	0.0098	0.0501%
CITIGROUP	975,439	15,772	36,008,831	0.0162	0.0438%
CLSA INDIA LTD, MUMBAI	18,891	126	419,500	0.0067	0.0300%
CREDIT LYONNAIS SEC, SEOUL	4,073	1,670	1,109,404	0.4101	0.1506%
CREDIT LYONNAIS SECS (ASIA), HONG KONG	179,800	976	2,983,707	0.0054	0.0327%
CREDIT LYONNAIS SECS ASIA LTD, TAIPEI	21,000	579	1,902,737	0.0276	0.0304%
CREDIT LYONNAIS SECS, SINGAPORE	3,600	391	782,168	0.1087	0.0500%
CREDIT SUISSE	27,467,440	38,328	83,404,949	0.0014	0.0460%
D CARNEGIE AB, STOCKHOLM	25,000	1,061	1,514,318	0.0424	0.0700%
DAIWA SECURITIES	559,100	15,278	30,561,082	0.0273	0.0500%
EXANE, PARIS (EXANFRPP)	414,714	10,824	30,465,292	0.0261	0.0355%
GOLDMAN SACHS	2,043,673	23,753	21,990,251	0.0116	0.1080%
HANWHA SECS CO LTD, SEOUL	21,729	1,950	1,416,047	0.0897	0.1377%
HSBC	137,699	1,626	2,063,817	0.0118	0.0788%
INSTINET CORP	225,728	1,475	3,670,176	0.0065	0.0402%
INVESTMENT TECHNOLOGY GROUP LTD,DUBLIN	876,747	6,123	19,293,630	0.0070	0.0317%
J.P MORGAN SECURITIES INC, NEW YORK	164,982	825	6,030,591	0.0050	0.0137%
JEFFERIES & CO INC, NEW YORK	42,343	2,079	10,594,552	0.0491	0.0196%
JEFFERIES & CO LTD, LONDON	81,132	739	2,596,619	0.0091	0.0284%
JEFFERIES HONG KONG LIMITED, HONG KONG	2,000,000	460	922,144	0.0002	0.0499%
JP MORGAN SECURITIES	4,488,283	15,094	42,559,856	0.0034	0.0355%
JPMORGAN SECURITIES INC, NEW YORK	15,019	361	1,812,942	0.0240	0.0199%
KEPLER EQUITIES, PARIS	224,408	1,697	3,403,692	0.0076	0.0499%
LIQUIDNET EUROPE LIMITED, LONDON	389,107	5,311	10,307,662	0.0137	0.0515%
LIQUIDNET INC, NEW YORK	37,764	204	2,237,685	0.0054	0.0091%
MACQUARIE SECURITIES	2,567,200	4,892	7,672,793	0.0019	0.0638%
MERRILL LYNCH	5,613,194	35,167	69,176,383	0.0063	0.0508%
MIZUHO SECURITIES USA INC. NEW YORK	373,100	3,735	7,466,121	0.0100	0.0500%
MIZUHO SECURITIES USA, INC., NEW YORK	24,570	860	756,429	0.0350	0.1137%
MORGAN STANLEY	15,320,965	32,550	81,751,526	0.0021	0.0398%
NATIONAL FINL SVCS CORP, NEW YORK	22,818	221	5,902,392	0.0097	0.0037%
NATL FINL SVCS CORP/PRIME BRK/CNS, NY	21,654	758	398,170	0.0350	0.1903%
NOMURA SECURITIES	65,600	486	1,694,427	0.0074	0.0287%
PAREL, PARIS	491,224	6,463	12,920,111	0.0132	0.0500%
PAREL, PUTEAUX	18,508	3,874	6,230,760	0.2093	0.0622%
PIPER JAFFRAY INC, MINNEAPOLIS	2,000	32	79,122	0.0158	0.0400%
RBC CAPITAL MARKETS	812,057	9,655	27,834,614	0.0119	0.0347%
REDBURN PARTNERS LLP, LONDON	87,684	742	1,483,822	0.0085	0.0500%
S G WARBURG, SEOUL	7,230	461	922,495	0.0638	0.0500%
SANFORD C BERNSTEIN & CO INC, LONDON	439,993	7,747	14,791,913	0.0176	0.0524%
SCOTIA CAPITAL (USA) INC, NEW YORK	2,497	113	496,771	0.0451	0.0227%
SCOTIA CAPITAL MKTS, TORONTO	85,600	268	2,165,858	0.0031	0.0124%
SINGER CAPITAL MARKETS LTD, LONDON	1,079,518	2,074	2,965,558	0.0019	0.0700%
SKANDINAVISKA ENSKILDA BANKEN, STOCKHOLM	70,000	2,353	3,364,381	0.0336	0.0700%
UBS	3,547,422	21,507	41,882,974	0.0061	0.0514%
UNION BANK SWITZERLAND SECS, LONDON	56,300	695	1,084,651	0.0123	0.0641%
VTB BANK EUROPE PLC, LONDON	3,069	178	254,659	0.0580	0.0700%
TOTAL GLOBAL	79,595,091	325,803	733,101,754	0.0041	0.0444%

Kentucky Public Pensions Authority
Global Equity - Common Stock Commissions
Quarter Ended December 31, 2021

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
AMERICAN CENTURY	22,529,014	123,620	378,579,472	0.0055	0.0327%
FRANKIN TEMPLETON	8,838,604	95,335	137,117,570	0.0108	0.0695%
JP MORGAN EMERG MKTS	1,746,668	13,036	36,732,571	0.0075	0.0355%
LAZARD ASSET MGMT	3,210,045	28,421	65,742,978	0.0089	0.0432%
LSV ASSET MANAGEMENT	27,737,208	29,262	60,625,309	0.0011	0.0483%
LSV ASSET MGMT	10,820,940	9,534	20,481,079	0.0009	0.0466%
MANULIFE ASSET MGMT	5,056	751	1,515,165	0.1485	0.0495%
PZENA EMERGING MKTS	4,707,556	25,845	32,307,610	0.0055	0.0800%
TOTAL GLOBAL	79,595,091	325,803	733,101,754	0.0041	0.0444%