

Kentucky Retirement Systems

# Domestic and Global Commissions Report

Quarter Ending: June 30, 2015

**Kentucky Retirement Systems**  
**Domestic Equity - Common Stock Commissions**  
**Quarter Ended June 30, 2015**

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
ACCESS SEC INC, STAMFORD	6,370	159	136,596	0.0250	0.1166%
ANCORA SECURITIES INC, JERSEY CITY	5,390	189	110,506	0.0350	0.1707%
BAIRD, ROBERT W & CO INC, MILWAUKEE	93,780	3,133	3,297,378	0.0334	0.0950%
BARCLAYS CAPITAL INC, JERSEY CITY	13,001	325	627,355	0.0250	0.0518%
BARCLAYS CAPITAL LE, JERSEY CITY	1,379,752	118,965	52,364,763	0.0862	0.2272%
BB&T SECURITIES, LLC, RICHMOND	53,090	2,124	2,375,961	0.0400	0.0894%
BERNSTEIN SANFORD C & CO, NEW YORK	33,475	1,124	1,004,553	0.0336	0.1119%
BMO CAPITAL MARKETS CORP, NEW YORK	25,600	768	566,165	0.0300	0.1356%
BNY CONVERGEX, NEW YORK	51,850	1,688	1,350,674	0.0325	0.1249%
BTIG LLC, SAN FRANCISCO	125,736	2,307	6,382,121	0.0183	0.0361%
CABRERA CAPITAL MARKETS, CHICAGO	3,150	63	406,169	0.0200	0.0155%
CANTOR FITZGERALD & CO INC, NEW YORK	5,250	144	328,328	0.0275	0.0440%
CITIGROUP GBL MKTS INC, NEW YORK	87,722	1,855	3,901,539	0.0211	0.0476%
CITIGROUP GBL MKTS/SALOMON, NEW YORK	86	391	283,073	4.5500	0.1382%
CORNERSTONE MACRO LLC, NEW YORK	13,940	488	229,644	0.0350	0.2125%
COWEN AND COMPANY LLC, NEW YORK	41,705	1,592	2,227,540	0.0382	0.0715%
CRAIG HALLUM, MINNEAPOLIS	25,090	1,004	291,621	0.0400	0.3441%
CREDIT RESEARCH & TRADING LLC, JERSEY	24,820	993	1,105,728	0.0400	0.0898%
CREDIT SUISSE, NEW YORK (CSUS)	150,771	3,309	8,137,494	0.0219	0.0407%
DEUTSCHE BK SECS INC, NY (NWSCUS33)	154,165	5,119	6,573,121	0.0332	0.0779%
FBR CAPITAL MARKETS & CO, ARLINGTON	191,870	7,564	6,586,861	0.0394	0.1148%
GOLDMAN SACHS & CO, NY	146,254	5,060	8,014,766	0.0346	0.0631%
GORDON HASKETT & CO, WEEHAWKEN	16,210	567	371,157	0.0350	0.1529%
INSTINET CORP, NY	321,894	6,928	16,868,158	0.0215	0.0411%
INVESTMENT TECHNOLOGY GROUP, NEW YORK	2,062,934	26,350	74,352,985	0.0128	0.0354%
ISI GROUP INC, NY	49,645	1,847	3,438,903	0.0372	0.0537%
ITG INC, NY	519,237	5,192	15,588,116	0.0100	0.0333%
J P MORGAN SECURITIES INC, BROOKLYN	81,496	2,267	6,508,400	0.0278	0.0348%
JANNEY MONTGOMERY SCOTT, PHILADELPHIA	27,850	1,114	2,810,711	0.0400	0.0396%
JEFFERIES & CO INC, NEW YORK	114,140	4,549	3,775,888	0.0399	0.1205%
JMP SECURITIES, SAN FRANCISCO	24,760	990	981,288	0.0400	0.1009%
JONESTRADING INSTL SVCS LLC, WESTLAKE	54,440	1,291	3,315,059	0.0237	0.0389%
KEEFE BRUYETTE AND WOODS, JERSEY CITY	1,174	29	40,445	0.0250	0.0726%
KEYBANC CAPITAL MARKETS INC, JERSEY CITY	58,475	2,178	3,323,965	0.0373	0.0655%
KNIGHT DIRECT LLC, JERSEY CITY	27,600	1,104	1,300,292	0.0400	0.0849%
KNIGHT EQUITY MARKETS L.P., JERSEY CITY	22,237	667	3,498,968	0.0300	0.0191%
LEERINK SWANN & CO, JERSEY CITY	29,370	1,175	1,950,088	0.0400	0.0602%
LIQUIDNET INC, BROOKLYN	746,961	10,894	31,804,715	0.0146	0.0343%
LOGBOW SECURITIES LLC, JERSEY CITY	5,380	161	296,023	0.0300	0.0545%
MACQUARIE SECURITIES(USA)INC JERSEY CITY	14,775	443	418,355	0.0300	0.1060%
MERRILL LYNCH PIERCE FENNER SMITH INC NY	713,397	41,125	30,439,578	0.0576	0.1351%
MERRILL LYNCH PROFESSIONAL CLRG, PURCHAS	860,860	82,648	38,794,801	0.0960	0.2130%
MORGAN STANLEY & CO INC, NY	12,775	385	427,928	0.0301	0.0899%
NEEDHAM & CO, NEW YORK	38,895	1,167	1,085,143	0.0300	0.1075%
OPPENHEIMER & CO INC, NEW YORK	32,700	1,308	596,946	0.0400	0.2191%
PICKERING ENERGY PARTNERS, HOUSTON	7,250	254	211,637	0.0350	0.1199%
PIPER JAFFRAY & CO, MINNEAPOLIS	22,914	901	946,321	0.0393	0.0952%
RAYMOND JAMES & ASSOC INC, ST PETERSBURG	62,750	2,151	4,463,583	0.0343	0.0482%
RBC CAPITAL MARKETS LLC, NEW YORK	73,890	2,233	1,943,944	0.0302	0.1149%
SCOTIA CAPITAL (USA) INC, NEW YORK	15,420	540	343,434	0.0350	0.1571%
SIDOTI & CO LLC, NEW YORK	3,130	110	64,681	0.0350	0.1694%
STATE STREET BROKERAGE SVCS, BOSTON	398,695	5,110	15,928,886	0.0128	0.0321%
STEPHENS INC, LITTLE ROCK	39,930	1,597	2,731,872	0.0400	0.0585%
STERNE AGEE & LEACH INC	47,275	1,418	2,139,898	0.0300	0.0663%
STIFEL NICOLAUS	116,275	3,886	3,785,118	0.0334	0.1027%
SUNTRUST CAPITAL MARKETS INC, ATLANTA	42,440	1,273	1,335,768	0.0300	0.0953%

UBS SECURITIES LLC, STAMFORD	662,702	10,705	32,340,787	0.0162	0.0331%
USCA SECURITIES LLC, HOUSTON	4,560	160	92,392	0.0350	0.1727%
WEEDEN & CO, NEW YORK	17,758	533	624,512	0.0300	0.0853%
WELLS FARGO SECURITIES LLC, CHARLOTTE	140,262	3,072	4,821,026	0.0219	0.0637%
WESTERN INTERNATIONAL SECS INC, BROOKLYN	3,470	87	74,985	0.0250	0.1157%
<b>TOTAL DOMESTIC</b>	<b>10,128,793</b>	<b>386,772</b>	<b>420,138,714</b>	<b>0.0382</b>	<b>0.0921%</b>

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
INVESCO	2,639,840	231,076	103,753,317	0.0875	0.2227%
NTGI STRUCTURED	519,323	5,584	15,871,189	0.0108	0.0352%
RIVER ROAD	119,173	3,194	6,014,978	0.0268	0.0531%
S&P 500 INDEX	458,841	3,869	24,102,098	0.0084	0.0161%
SASCO CAPITAL	277,270	9,329	6,925,318	0.0336	0.1347%
SYSTEMATIC	3,837,791	59,109	142,994,851	0.0154	0.0413%
TORTOISE CAP	275,158	5,221	10,577,456	0.0190	0.0494%
WESTFIELD CAPITAL	1,437,372	51,308	82,173,996	0.0357	0.0624%
WESTWOOD MGMT	564,025	18,082	27,725,510	0.0321	0.0652%
<b>TOTAL DOMESTIC</b>	<b>10,128,793</b>	<b>386,772</b>	<b>420,138,714</b>	<b>0.0382</b>	<b>0.0921%</b>

### Kentucky Retirement Systems

#### Global Equity - Common Stock Commissions

Quarter Ended June 30, 2015

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
ABG SEC AS (NORGE), FILIAL, STOCKHOLM	18,201	411	586,213	0.0226	0.0700%
ABG SECS, OSLO	62,775	246	347,629	0.0039	0.0709%
AUTONOMOUS LLP, LONDON	31,224	1,371	912,606	0.0439	0.1502%
BANQUE PARIBAS, PARIS	40,000	1,675	1,119,428	0.0419	0.1496%
BARCLAYS CAPITAL LE, JERSEY CITY	83,142	945	4,021,444	0.0114	0.0235%
BARCLAYS CAPITAL, LONDON (BARCGB33)	1,412,673	15,213	14,048,997	0.0108	0.1083%
BERENBERG GOSSLER & CIE, HAMBURG	11,040	1,108	924,659	0.1004	0.1199%
BERNSTEIN SANFORD C & CO, NEW YORK	131,586	1,323	8,680,701	0.0101	0.0152%
BNP PARIBAS PEREGRINE SEC LTD, HONG KONG	362,372	5,875	3,322,757	0.0162	0.1768%
BNP PARIBAS SEC SVCS, LONDON (PARBGB2L)	3,660,414	7,047	5,865,777	0.0019	0.1201%
BNP PARIBAS SECURITIES SVCS, HONG KONG	256,400	1,089	1,087,003	0.0042	0.1002%
BROCKHOUSE AND COOPER, MONTREAL	2,200	7	24,488	0.0033	0.0300%
BTIG HONG KONG LTD, HONG KONG	777,500	421	525,650	0.0005	0.0801%
BTIG LLC, NEW YORK	126,500	348	348,370	0.0028	0.0999%
CANADIAN IMPERIAL BK OF COMMERCE, NY	14,850,000	1,104	51,814	0.0001	2.1307%
CANTOR FITZGERALD & CO INC, NEW YORK	3,610	63	538,552	0.0175	0.0117%
CIBC WORLD MKTS INC, TORONTO	85,600	1,402	1,191,966	0.0164	0.1176%
CITATION GROUP/BCC CLRG, NEW YORK	8,900	156	920,751	0.0175	0.0169%
CITIC CAPITAL SEC, HONG KONG	327,000	94	157,543	0.0003	0.0599%
CITIGROUP GBL MKTS INC, NEW YORK	150,661	1,238	5,959,769	0.0082	0.0208%
CITIGROUP GBL MKTS INC, TAIPEI	615,000	930	369,946	0.0015	0.2514%
CITIGROUP GBL MKTS/SALOMON, NEW YORK	1,161,326	4,017	2,804,942	0.0035	0.1432%
CITIGROUP GLOBAL MARKETS LTD, LONDON	1,180,798	19,421	30,184,485	0.0164	0.0643%
CLSA AUSTRALIA PTY LTD, SYDNEY	32,893	200	132,987	0.0061	0.1502%
CREDIT LYONNAIS SECS (ASIA), HONG KONG	654,500	1,738	913,277	0.0027	0.1903%
CREDIT LYONNAIS SECS, SINGAPORE	39,700	288	720,406	0.0073	0.0400%
CREDIT SUISSE (EUROPE), LONDON	763,013	34,505	33,651,514	0.0452	0.1025%
CREDIT SUISSE (HK) LIMITED, HONG KONG	204,100	91	228,207	0.0004	0.0400%
CREDIT SUISSE, MUMBAI	3,192	16	4,454	0.0049	0.3484%
CREDIT SUISSE, NEW YORK (CSUS)	3,194,342	29,745	29,829,995	0.0093	0.0997%
DAIWA SEC SMBC INDIA PRIV LTD, MUMBAI	192	1	271	0.0049	0.3504%
DAIWA SECS AMER INC, NEW YORK	31,410	1,073	1,163,361	0.0342	0.0923%
DAVY STOCKBROKERS, DUBLIN	39,230	235	198,399	0.0060	0.1187%
DEUTSCHE BK SECS INC, NY (NWSCUS33)	619,259	27,501	22,086,050	0.0444	0.1245%

DEUTSCHE SEC ASIA LTD, HONG KONG	3,021	653	261,617	0.2162	0.2497%
EXANE, PARIS (EXANFRPP)	50,605	3,255	2,715,062	0.0643	0.1199%
GOLDMAN SACHS & CO, NY	1,208,747	31,534	24,644,047	0.0261	0.1280%
GOLDMAN SACHS EXECUTION & CLEARING, NY	13,020	104	2,621,966	0.0080	0.0040%
GOLDMAN SACHS INTL, LONDON (GSILGB2X)	259,700	1,370	1,819,354	0.0053	0.0753%
GOODBODY STOCKBROKERS, DUBLIN	188,390	694	1,001,987	0.0037	0.0693%
HONG KONG & SHANGHAI BKG CORP, HONG KONG	1,606,575	17,350	10,131,842	0.0108	0.1712%
HSBC BANK PLC (MIDLAND BK)(JAC), LONDON	237,232	3,351	6,615,029	0.0141	0.0507%
HSBC SECS INC, NEW YORK	13,900	265	176,483	0.0191	0.1501%
INSTINET AUSTRALIA CLEARING SERV, SYDNEY	13,442	83	54,989	0.0061	0.1502%
INSTINET EUROPE LIMITED, LONDON	199,276	9,689	7,855,111	0.0486	0.1233%
INSTINET PACIFIC LTD, HONG KONG	488,000	1,394	756,341	0.0029	0.1843%
INSTINET, SINGAPORE	757,200	1,428	664,675	0.0019	0.2148%
INVESTMENT TECHNOLOGY GROUP LTD,DUBLIN	1,181,601	24,216	21,941,932	0.0205	0.1104%
ISI GROUP INC, NY	5,600	210	471,047	0.0375	0.0446%
ITG AUSTRALIA LTD, MELBOURNE	329,151	710	1,767,165	0.0022	0.0402%
ITG CANADA CORP, TORONTO	22,342	277	49,008	0.0124	0.5661%
ITG HONG KONG LIMITED, HONG KONG	317,500	166	323,856	0.0005	0.0513%
ITG INC, NEW YORK	59,809	1,553	3,731,772	0.0260	0.0416%
J P MORGAN SEC, SYDNEY	6,970	372	186,421	0.0534	0.1996%
J P MORGAN SECS LTD, LONDON	784,262	25,079	22,219,124	0.0320	0.1129%
J P MORGAN SECURITIES INC, BROOKLYN	225,089	2,320	4,110,838	0.0103	0.0564%
J.P. MORGAN CLEARING CORP, NEW YORK	550,337	9,199	12,757,656	0.0167	0.0721%
JEFFERIES & CO INC, NEW YORK	1,036,767	33,144	14,071,703	0.0320	0.2355%
JEFFERIES & CO LTD, LONDON	135,173	3,437	3,712,858	0.0254	0.0926%
JEFFERIES INDIA PRIVATE LTD, MUMBAI	171,612	392	245,873	0.0023	0.1596%
JP MORGAN SECS ASIA PACIFIC, HONG KONG	652,400	1,498	836,681	0.0023	0.1790%
JPMORGAN SECURITIES INC, NEW YORK	584,293	8,551	2,803,247	0.0146	0.3050%
LIQUIDNET EUROPE LIMITED, LONDON	34,361	194	216,823	0.0056	0.0893%
LIQUIDNET INC, BROOKLYN	69,875	1,118	4,274,435	0.0160	0.0261%
MACQUARIE BANK LTD, HONG KONG	881,140	7,636	4,268,043	0.0087	0.1789%
MACQUARIE SECURITIES LIMITED, HONG KONG	370,700	1,201	478,356	0.0032	0.2510%
MACQUARIE SECURITIES LTD, SEOUL	3,253	1,747	700,706	0.5372	0.2494%
MAINFIRST BANK AG,FRANKFURT AM MAIN	8,110	2,859	2,385,701	0.3526	0.1199%
MERRILL LYNCH INTL LONDON EQUITIES	3,849,537	17,152	19,524,531	0.0045	0.0878%
MERRILL LYNCH PIERCE FENNER SMITH INC NY	147,682	1,784	6,208,861	0.0121	0.0287%
MERRILL LYNCH PIERCE FENNER, TAIWAN	20,000	134	268,917	0.0067	0.0500%
MERRILL LYNCH PIERCE FENNER, WILMINGTON	99,250	2,592	1,735,862	0.0261	0.1493%
MERRILL LYNCH, SYDNEY	199	2	4,639	0.0117	0.0500%
MIRAE ASSET SECURITIES, SEOUL	10,834	181	225,676	0.0167	0.0803%
MIZUHO SECURITIES USA INC. NEW YORK	492,003	12,854	10,944,427	0.0261	0.1174%
MORGAN STANLEY & CO INC, NY	2,510,552	23,792	22,339,361	0.0095	0.1065%
MORGAN STANLEY & CO INTL LTD, TAPEI	687,000	1,054	419,441	0.0015	0.2514%
MORGAN STANLEY & CO, LONDON (MSLNGB2X)	259,800	31	61,937	0.0001	0.0500%
NOMURA SECS INTL INC, NEW YORK	7,400	554	554,297	0.0748	0.0999%
NUMIS SECURITIES LTD, LONDON	60,431	627	522,190	0.0104	0.1201%
PERSHING LLC, JERSEY CITY	71,679	557	761,043	0.0078	0.0732%
PERSHING SECURITIES LTD, LONDON	37,860	4,259	3,825,948	0.1125	0.1113%
RAYMOND JAMES & ASSOC INC, ST PETERSBURG	20,800	832	1,248,048	0.0400	0.0667%
RBC DOMINION SECS INC, TORONTO (DOMA)	168,460	2,981	3,829,774	0.0177	0.0778%
REDBURN PARTNERS LLP, LONDON	2,081	116	166,234	0.0560	0.0701%
SANFORD C BERNSTEIN & CO INC, LONDON	137,330	4,817	6,205,219	0.0351	0.0776%
SANFORD C. BERNSTEIN & CO, WHITE PLAINS	136,274	1,342	997,665	0.0098	0.1345%
SCOTIA CAPITAL MKTS, TORONTO	11,700	38	131,052	0.0032	0.0290%
SG SEC (LONDON) LTD, LONDON	12,265	506	337,662	0.0413	0.1499%
SG SECURITIES, HONG KONG	45,800	324	284,000	0.0071	0.1139%
SKANDINAVISKA ENSKILDA BANKEN, LONDON	12,377	309	257,073	0.0250	0.1201%
SKANDINAVISKA ENSKILDA BANKEN, STOCKHOLM	52,000	495	329,461	0.0095	0.1502%
SVENSKA HANDELSBANKEN, STOCKHOLM	22,100	82	82,523	0.0037	0.0999%
UBS SECURITIES CANADA, TORONTO (BWIT)	494,157	14,418	15,927,475	0.0292	0.0905%
UBS WARBURG ASIA LTD, HONG KONG	4,569,565	2,895	5,056,169	0.0006	0.0572%

UBS WARBURG, LONDON	152,675	13,170	9,569,769	0.0863	0.1376%
WOORI INVESTMENT & SECURITIES, SEOUL	941	139	173,727	0.1475	0.0799%
<b>TOTAL GLOBAL</b>	<b>57,502,958</b>	<b>465,985</b>	<b>445,789,136</b>	<b>0.0081</b>	<b>0.1045%</b>

<b>Broker/Account</b>	<b>Shares Traded</b>	<b>Commission</b>	<b>Value of Trade</b>	<b>Per Share</b>	<b>% Cost of Trade</b>
AMERICAN CENTURY	12,707,574	233,225	227,735,295	0.0184	0.1024%
BOSTON CO NON-US VAL	9,849,819	70,312	48,824,674	0.0071	0.1440%
FRANKIN TEMPLETON	8,098,047	100,625	89,195,463	0.0124	0.1128%
LAZARD ASSET MGMT	2,795,958	46,202	47,529,148	0.0165	0.0972%
LSV ASSET MANAGEMENT	6,592,900	9,753	23,638,757	0.0015	0.0413%
LSV ASSET MGMT	2,608,800	3,524	8,586,115	0.0014	0.0410%
MANULIFE ASSET MGMT	14,849,860	2,345	279,683	0.0002	0.8384%
<b>TOTAL GLOBAL</b>	<b>57,502,958</b>	<b>465,985</b>	<b>445,789,136</b>	<b>0.0081</b>	<b>0.1045%</b>