

Kentucky Retirement Systems

# Domestic and Global Commissions Report

Quarter Ending: December 31, 2013

**Kentucky Retirement Systems**  
**Domestic Equity - Common Stock Commissions**  
**Quarter Ended December 31, 2013**

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
ACCESS SEC INC, STAMFORD	3,550	88.75	130,281	0.0250	0.07%
ANCORA SECURITIES INC, JERSEY CITY	3,000	105.00	113,763	0.0350	0.09%
AQUA SECURITIES LP, NEW YORK	11,266	225.32	558,602	0.0200	0.04%
BAIRD, ROBERT W & CO INC, MILWAUKEE	57,376	1,295.27	2,738,526	0.0226	0.05%
BARCLAYS	1,471,188	92,981.34	56,782,256	0.0632	0.16%
BB&T SECURITIES, LLC, RICHMOND	111,725	3,351.75	2,447,510	0.0300	0.14%
BERNSTEIN SANFORD C & CO, NEW YORK	82,765	2,870.80	2,941,880	0.0347	0.10%
BMO CAPITAL MARKETS CORP, NEW YORK	48,225	1,446.75	901,333	0.0300	0.16%
BNY MELLON CLEARING	27,455	512.55	925,501	0.0187	0.06%
BTIG LLC, SAN FRANCISCO	667,021	6,017.69	29,118,583	0.0090	0.02%
BUCKINGHAM RESEARCH GRP INC, BROOKLYN	66,325	2,008.75	1,661,098	0.0303	0.12%
CANTOR FITZGERALD & CO INC, NEW YORK	55,418	1,239.09	3,439,139	0.0224	0.04%
CITIGROUP	1,124,831	91,368.78	52,836,477	0.0812	0.17%
CRAIG HALLUM, MINNEAPOLIS	7,025	210.75	177,678	0.0300	0.12%
CREDIT SUISSE	876,170	15,263.95	37,870,498	0.0174	0.04%
CUTTONE & CO, JERSEY CITY	21,280	425.60	1,099,030	0.0200	0.04%
DAVIDSON(D A) & CO INC, NEW YORK	16,600	664.00	1,034,505	0.0400	0.06%
DEUTSCHE BANK	1,286,837	119,084.18	50,787,233	0.0925	0.23%
FBR CAPITAL MARKETS & CO, ARLINGTON	115,275	3,458.25	1,701,020	0.0300	0.20%
GLOBAL HUNTER SECURITIES LTD, JERSEY	48,874	1,954.96	2,635,455	0.0400	0.07%
GOLDMAN SACHS	181,524	5,464.96	6,259,268	0.0301	0.09%
GORDON HASKETT & CO, WEEHAWKEN	10,950	383.25	478,988	0.0350	0.08%
GUGGENHEIM CAPITAL MKT LLC, JERSEY CITY	5,400	216.00	390,406	0.0400	0.06%
INSTINET CORP	1,339,284	18,140.29	41,136,087	0.0135	0.04%
INVESTMENT TECHNOLOGY GROUP, NEW YORK	2,241,793	30,903.20	77,134,084	0.0138	0.04%
ISI GROUP	49,403	1,761.80	2,857,720	0.0357	0.06%
ITG INC, NEW YORK	200	2.00	456	0.0100	0.44%
ITG INC, NY	902,892	9,028.92	19,129,799	0.0100	0.05%
JEFFERIES & CO INC, NEW YORK	24,630	814.84	914,041	0.0331	0.09%
JMP SECURITIES, SAN FRANCISCO	260	10.40	9,752	0.0400	0.11%
JONESTRADING INSTL SVCS LLC, WESTLAKE	82,587	1,960.74	5,848,964	0.0237	0.03%
JP MORGAN SECURITIES	108,036	3,187.98	2,932,870	0.0295	0.11%
JPMORGAN SECURITIES INC, NEW YORK	100	1.00	4,912	0.0100	0.02%
KEYBANC CAPITAL MARKETS INC, NEW YORK	96,340	2,878.08	1,770,946	0.0299	0.16%
KNIGHT DIRECT LLC, JERSEY CITY	2,700	108.00	1,411,441	0.0400	0.01%
KNIGHT EQUITY MARKETS L.P., JERSEY CITY	2,994	89.82	317,218	0.0300	0.03%
LIQUIDNET INC, BROOKLYN	3,199,302	36,083.22	143,856,101	0.0113	0.03%
LONGBOW SECURITIES LLC, JERSEY CITY	1,700	51.00	77,874	0.0300	0.07%
MACQUARIE SECURITIES	118,965	4,083.85	2,647,189	0.0343	0.15%
MERRILL LYNCH	385,014	11,092.72	22,513,540	0.0288	0.05%
MORGAN STANLEY	325,489	10,768.87	9,257,670	0.0331	0.12%
NEEDHAM & CO, NEW YORK	42,150	1,264.50	596,439	0.0300	0.21%
OPPENHEIMER & CO INC, NEW YORK	51,392	2,055.68	2,155,960	0.0400	0.10%
PICKERING ENERGY PARTNERS, HOUSTON	1,950	68.25	41,913	0.0350	0.16%
PULSE TRADING LLC, BOSTON	531,973	5,319.73	14,391,433	0.0100	0.04%
RAYMOND JAMES & ASSOC INC, ST PETERSBURG	243,227	6,378.04	10,917,428	0.0262	0.06%
RBC CAPITAL MARKETS	90,475	2,793.25	2,171,345	0.0309	0.13%
SANDLER O'NEILL & PARTNERS, NEW YORK	36,925	1,107.75	1,252,988	0.0300	0.09%
SCOTIA CAPITAL (USA) INC, NEW YORK	2,910	101.85	91,974	0.0350	0.11%
SIMMONS & CO INTL, HOUSTON	108,380	4,335.20	8,065,944	0.0400	0.05%
STERNE AGEE & LEACH INC	70,275	2,200.25	1,537,210	0.0313	0.14%
STIFEL NICOLAUS	59,450	1,783.50	1,168,046	0.0300	0.15%
STRATEGAS SECURITIES LLC, NEW YORK	92,600	3,704.00	3,073,526	0.0400	0.12%
SUNTRUST CAPITAL MARKETS INC, ATLANTA	39,310	1,179.30	1,945,440	0.0300	0.06%
UBS	323,008	8,401.24	13,072,326	0.0260	0.06%
USCA SECURITIES LLC, HOUSTON	6,050	211.75	129,709	0.0350	0.16%
WEDBUSH MORGAN SECS INC, LOS ANGELES	8,490	330.45	359,546	0.0389	0.09%
WEEDEN and CO	21,180	581.80	747,900	0.0275	0.08%
WELLS FARGO SECURITIES LLC, CHARLOTTE	114,773	3,344.03	4,822,137	0.0291	0.07%
WESTERN INTERNATIONAL SECS INC, BROOKLYN	13,600	340.00	607,095	0.0250	0.06%
WILLIAM BLAIR & CO, CHICAGO	73,889	1,537.98	3,883,674	0.0208	0.04%

TOTAL DOMESTIC	17,113,776	528,643.02	659,881,727	0.0309	0.08%
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Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
GENEVA CAPITAL	911,382	19,126.11	57,771,651	0.0210	0.03%
INVESCO	3,719,875	286,756.27	157,413,673	0.0771	0.18%
NTGI STRUCTURED	903,412	9,954.27	19,775,336	0.0110	0.05%
RIVER ROAD	229,195	4,742.88	9,802,797	0.0207	0.05%
S&P 500 INDEX	1,009,739	5,051.42	54,431,225	0.0050	0.01%
SASCO CAPITAL	228,370	7,073.20	8,348,170	0.0310	0.08%
SYSTEMATIC	7,053,835	117,434.43	201,634,156	0.0166	0.06%
TORTOISE CAP	183,610	2,532.26	7,448,869	0.0138	0.03%
WESTFIELD CAPITAL	1,443,558	47,453.59	77,111,832	0.0329	0.06%
WESTWOOD MGMT	1,430,800	28,518.59	66,144,018	0.0199	0.04%
TOTAL DOMESTIC	17,113,776	528,643.02	659,881,727	0.0309	0.08%

Kentucky Retirement Systems					
Global Equity - Common Stock Commissions					
Quarter Ended December 31, 2013					

Category	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
BANCHILE CORREDORES DE BOLSA SA, SANTIAGO	509,970	7,634.39	2,540,548	0.0150	0.30%
BANCO BTG PACTUAL SA, RIO DE JANEIRO	6,500	99.41	71,130	0.0153	0.14%
BANCO ITAU, SAO PAULO	398,400	5,543.06	2,484,593	0.0139	0.22%
BANCO SANTANDER, NEW YORK	251,541	2,521.72	1,917,531	0.0100	0.13%
BARCLAYS	6,092,957	40,547.24	39,005,272	0.0067	0.10%
BNP PARIBUS	1,280,200	6,257.07	5,809,488	0.0049	0.11%
BNY MELLON CLEARING	154,691	3,251.22	1,524,473	0.0210	0.21%
BROCKHOUSE AND COOPER, MONTREAL	100	2.09	7,917	0.0209	0.03%
BTIG HONG KONG LTD, HONG KONG	2,489,360	2,315.54	1,540,953	0.0009	0.15%
CALYON SECURITIES, NEW YORK	27,170	2,770.11	787,897	0.1020	0.35%
CANTOR FITZGERALD EUROPE, LONDON	375,522	4,828.44	3,372,098	0.0129	0.14%
CELFIN CAPITAL SA CORREDORES, SANTIAGO	10,141,600	3,861.62	1,976,456	0.0004	0.20%
CIBC WORLD MKTS INC, TORONTO	113,250	2,014.06	1,617,469	0.0178	0.12%
CIMB GK SECURITIES PTE LTD, SINGAPORE	2,336,200	2,515.25	2,499,524	0.0011	0.10%
CITATION GROUP/BCC CLRG, NEW YORK	740	7.40	26,158	0.0100	0.03%
CITIGROUP	5,461,874	94,710.70	60,784,366	0.0173	0.16%
CLSA AUSTRALIA PTY LTD, SYDNEY	60,461	613.81	614,013	0.0102	0.10%
CLSA INDIA LTD, MUMBAI	342,445	3,491.69	2,592,164	0.0102	0.13%
CLSA SINGAPORE PTE LTD (CHV), SINGAPORE	966,670	2,970.85	7,422,502	0.0031	0.04%
COLLINS STEWART EUROPE LTD, LONDON	264,309	1,933.86	2,767,288	0.0073	0.07%
CORMARK SECURITIES INC./CDS, TORONTO	9,400	297.60	652,114	0.0317	0.05%
CREDIT AGRICOLE	138,210	4,146.30	1,233,784	0.0300	0.34%
CREDIT LYONNAIS SEC, SEOUL	40,590	2,442.25	1,268,105	0.0602	0.19%
CREDIT LYONNAIS SECS (ASIA), HONG KONG	4,900,200	7,076.96	5,248,741	0.0014	0.13%
CREDIT LYONNAIS SECS ASIA LTD, TAIPEI	1,288,050	6,745.43	3,788,383	0.0052	0.18%
CREDIT LYONNAIS SECS, SINGAPORE	528,900	2,190.05	1,175,292	0.0041	0.19%
CREDIT SUISSE	6,205,559	65,300.00	41,010,516	0.0105	0.16%
DAIWA SECURITIES	164,583	4,742.48	2,540,575	0.0288	0.19%
DEUTSCHE BANK	3,741,646	57,473.15	36,538,751	0.0154	0.16%
DEUTSCHE EQUITIES INDIA PVT LTD, MUMBAI	717,505	2,908.99	1,399,168	0.0041	0.21%
DEUTSCHE SEC ASIA LTD, HONG KONG	1,032,210	2,639.13	1,385,470	0.0026	0.19%
DEXIA BK (FORMERLY KEMPEN), AMSTERDAM	105,775	2,181.35	2,730,842	0.0206	0.08%
DONGWON SECS, SEOUL	9,085	168.28	187,173	0.0185	0.09%
EDELWEISS SECURITIES PRIVATE LTD, MUMBAI	17,911	210.13	175,499	0.0117	0.12%
EXANE, PARIS (EXANFRPP)	12,900	289.06	193,962	0.0224	0.15%
EXECUTION (HONG KONG) LTD, HONG KONG	5,015,300	6,274.60	5,488,743	0.0012	0.11%
EXECUTION LTD, LONDON	272,100	2,334.34	1,944,828	0.0086	0.12%
FIDELITY CLEARING CANADA ULC, TOR (FIDC)	47,400	1,294.66	555,686	0.0273	0.23%
FIRST ENERGY CAP, CALGARY	46,500	973.98	1,584,667	0.0209	0.06%
GMP SECURITIES L.P. TORONTO (GMPT)	28,200	643.47	302,212	0.0228	0.21%
GOLDMAN SACHS	6,192,985	56,552.12	34,366,705	0.0091	0.16%
HSBC	7,607,250	19,464.75	11,118,517	0.0026	0.18%
INSTINET CORP	9,255,888	22,550.37	19,075,589	0.0024	0.12%

INVESTMENT TECHNOLOGY GROUP LTD,DUBLIN	73,380	2,943.34	2,450,432	0.0401	0.12%
ITG AUSTRALIA LTD, MELBOURNE	276,400	1,734.86	1,734,801	0.0063	0.10%
ITG CANADA CORP, TORONTO	70,500	1,199.98	2,783,495	0.0170	0.04%
ITG HONG KONG LIMITED, HONG KONG	2,929,800	1,161.91	1,370,729	0.0004	0.08%
ITG INC, NEW YORK	3,200	16.00	160,919	0.0050	0.01%
IXIS SECURITIES, PARIS	47,369	931.76	1,163,758	0.0197	0.08%
JEFFERIES & CO INC, NEW YORK	758,003	1,853.04	1,250,870	0.0024	0.15%
JEFFERIES & CO LTD, LONDON	848,400	5,233.88	4,263,464	0.0062	0.12%
JONES & ASSOC, WESTLAKE VILLAGE	235,450	748.14	1,070,542	0.0032	0.07%
JP MORGAN SECURITIES	4,842,655	56,117.54	36,036,632	0.0116	0.16%
JPMORGAN SECURITIES INC, NEW YORK	556,100	8,279.17	4,616,030	0.0149	0.18%
KEB SALOMON SMITH BARNEY SECS, SEOUL	14,031	3,982.25	2,340,152	0.2838	0.17%
LARRAIN VIAL, SANTIAGO	5,634,026	2,619.82	872,329	0.0005	0.30%
LIQUIDNET ASIA LTD, HONG KONG	2,450,300	2,078.20	1,895,994	0.0008	0.11%
LIQUIDNET EUROPE LIMITED, LONDON	22,660	571.98	382,252	0.0252	0.15%
MACQUARIE SECURITIES	6,108,747	36,402.72	23,623,157	0.0060	0.15%
MAINFIRST BANK AG,FRANKFURT AM MAIN	66,800	1,072.12	1,347,919	0.0160	0.08%
MERRILL LYNCH	9,981,739	74,994.67	47,489,090	0.0075	0.16%
MITSUBISHI SECURITIES	17,200	818.32	546,360	0.0476	0.15%
MIZUHO BANK, LTD., HONG KONG	204,000	305.99	170,484	0.0015	0.18%
MORGAN STANLEY	14,476,846	117,372.11	94,164,369	0.0081	0.12%
NBCN INC, TORONTO (NBCS)	12,400	389.34	162,095	0.0314	0.24%
NESBITT BURNS, TORONTO (NTDT)	48,100	1,461.28	2,586,201	0.0304	0.06%
NOMURA SECURITIES	3,309	226.25	151,211	0.0684	0.15%
PETERS & CO, CALGARY (PECC)	96,800	862.77	245,074	0.0089	0.35%
RAYMOND JAMES LTD, TORONTO (MSLT)	32,100	996.59	1,006,531	0.0310	0.10%
RBC CAPITAL MARKETS	191,080	6,178.10	6,011,222	0.0323	0.10%
REDBURN PARTNERS LLP, LONDON	132,400	1,017.28	1,272,523	0.0077	0.08%
S G WARBURG, SEOUL	15,405	6,595.25	3,670,619	0.4281	0.18%
SANFORD C. BERNSTEIN & CO, WHITE PLAINS	516,000	53.04	176,549	0.0001	0.03%
SANTANDER CENTRAL HISPANO INVT, MADRID	153,286	700.24	874,600	0.0046	0.08%
SCOTIA CAPITAL INC, NEW YORK	181,162	492.96	311,483	0.0027	0.16%
SCOTIA CAPITAL MKTS, TORONTO	135,840	3,362.30	2,135,706	0.0248	0.16%
SG SEC (LONDON) LTD, LONDON	902,494	10,189.83	10,377,546	0.0113	0.10%
SG SECURITIES, HONG KONG	250,420	895.75	758,799	0.0036	0.12%
SKANDINAVISKA ENSKILDA BANKEN, LONDON	6,920	506.46	724,017	0.0732	0.07%
STANDARD BANK, LONDON	2,626,461	5,555.65	2,249,466	0.0021	0.25%
STATE STREET BK & TR CO (SEC), LONDON	1,200	189.80	126,723	0.1582	0.15%
UBS	6,352,061	75,758.02	50,627,326	0.0119	0.15%
WEEDEN and CO	85,100	334.25	334,243	0.0039	0.10%
YUANTA CORE PACIFIC SECURITIES, TAIPEI	526,000	2,077.08	2,303,633	0.0039	0.09%
YUANTA SECURITES (HONG KONG), HONG KONG	456,000	179.68	199,257	0.0004	0.09%
<b>TOTAL GLOBAL</b>	<b>140,994,251</b>	<b>895,248.70</b>	<b>629,365,764</b>	<b>0.0063</b>	<b>0.14%</b>

Broker/Account	Shares Traded	Commission	Value of Trade	Per Share	% Cost of Trade
BOSTON CO NON-US VAL	46,366,765	402,756	292,459,956	0.0087	0.14%
PYRAMIS NONUS GROWTH	94,627,486	492,493	336,905,816	0.0052	0.15%
<b>TOTAL GLOBAL</b>	<b>140,994,251</b>	<b>895,248.70</b>	<b>629,365,772</b>	<b>0.0063</b>	<b>0.14%</b>

**Kentucky Retirement Systems**  
**Public Equity - Common Stock Commissions**  
**Quarter Ended December 31, 2013**

<b>GRAND TOTAL</b>	<b>158,108,027</b>	<b>1,423,891.72</b>	<b>1,289,247,499</b>	<b>0.0090</b>	<b>0.11%</b>
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