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GASB STATEMENT NO. 68 REPORT

FOR THE

KENTUCKY EMPLOYEES RETIREMENT SYSTEM

PREPARED AS OF JUNE 30, 2014





Cavanaugh Macdonald

CONSULTING, LLC

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March 16, 2015

Board of Trustees
Kentucky Retirement System
Perimeter Park West
1260 Louisville Road
Frankfort, KY 40601

Ladies and Gentlemen:

Presented in this report is information to assist the State of Kentucky in meeting the requirements of the Governmental Accounting Standards Board (GASB) Statement No. 68 as a result of its participation in the Kentucky Employees Retirement System. The information is presented for the period ending June 30, 2015 (Reporting Date).

The annual actuarial valuation used as a basis for much of the information presented in this report was performed as of June 30, 2014 (The Measurement Date). The valuation was based upon data, furnished by the Executive Director and the Kentucky Retirement Systems staff, concerning active, inactive and retired members along with pertinent financial information.

To the best of our knowledge, this report is complete and accurate. The necessary calculations were performed by, and under the supervision of, independent actuaries who are members of the American Academy of Actuaries with experience in performing valuations for public retirement systems.

The calculations were prepared in accordance with the principles of practice prescribed by the Actuarial Standards Board, and, in our opinion, meet the requirements of GASB 68.

The actuarial calculations were performed by qualified actuaries according to generally accepted actuarial procedures and methods. The calculations are based on the current provisions of the System, and on actuarial assumptions that are, individually and in the aggregate, internally consistent and reasonably based on the actual experience of the System. In addition, the calculations were completed in compliance with the laws governing the System. The undersigned are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

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Future actuarial results may differ significantly from the current results presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. Since the potential impact of such factors is outside the scope of a normal annual actuarial valuation, an analysis of the range of results is not presented herein.

Respectfully submitted,

Todd B. Green

Todd B. Green ASA, FCA, MAAA
Principal and Consulting Actuary

TBG/tbg



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REPORT OF THE ANNUAL GASB STATEMENT NO. 68
REQUIRED INFORMATION FOR THE
KENTUCKY EMPLOYEES RETIREMENT SYSTEM
PREPARED AS OF JUNE 30, 2014

SECTION I – SUMMARY OF COLLECTIVE AMOUNTS

(\$ IN THOUSANDS)

	Hazardous	Non- Hazardous
Valuation Date (VD):	June 30, 2014	June 30, 2014
Measurement Date (MD):	June 30, 2014	June 30, 2014
Single Equivalent Interest Rate (SEIR):		
Long-Term Expected Rate of Return	7.75%	7.75%
Municipal Bond Index Rate	N/A	N/A
Fiscal Year in which Plan's Fiduciary Net Position is projected to be depleted from future benefit payments for current members	N/A	N/A
Single Equivalent Interest Rate	7.75%	7.75%
Net Pension Liability:		
Total Pension Liability (TPL)	\$ 816,850 ✓	\$ 11,550,110 ✓
Fiduciary Net Position (FNP)	561,484 ✓	2,578,291 ✓
Net Pension Liability (NPL = TPL – FNP)	\$ 255,366	\$ 8,971,819 ✓
FNP as a percentage of TPL	68.74%	22.32%
Pension Expense (PE):	\$17,824	\$678,053
Deferred Outflows of Resources:	\$0	\$0
Deferred Inflows of Resources:	\$33,724	\$115,304



SECTION II – INTRODUCTION

The Governmental Accounting Standards Board issued Statement No. 68 (GASB 68), “Accounting and Financial Reporting for Pensions”, in June 2012. GASB 68’s effective date for employers is the first fiscal year beginning after June 15, 2014. This report, prepared as of June 30, 2014 (the Measurement Date), presents information to assist the Kentucky Retirement System in providing the required information under GASB 68 to the participating employers of the Kentucky Employees Retirement System (KERS). Much of the material provided in this report is based on the results of the GASB 67 report for the Kentucky Employees’ Retirement System, which was issued on November 17, 2014. See that report for more information on the member data, actuarial assumptions and methods used in developing the GASB 67 results.

GASB 68 replaces GASB 27, and represents a significant departure from the requirements of the prior statement. GASB 27 required employers providing benefits through pension plans to report items consistent with the results of the plan’s actuarial valuations, as long as those valuations met certain parameters. GASB 68 creates disclosure and reporting requirements that may or may not be consistent with the basis used for funding the Plan.

Two major changes in GASB 68 are the requirements to include a proportionate share of a Net Pension Liability (NPL) and to recognize a proportionate share of a Pension Expense (PE) in the financial statements of each of the participating employers and non-employer contributing entities.

The NPL shown in the GASB Statement No. 67 Report for the KERS as of June 30, 2014 and submitted November 17, 2014 is the collective NPL used for purposes of GASB 68. Please refer to that report for the derivation of the collective NPL.

Pension Expense includes amounts for service cost (the normal cost under the Entry Age Normal actuarial cost method for the year), interest on the Total Pension Liability (TPL), changes in benefit structure, amortization of increases/decreases in liability due to actuarial experience and actuarial assumption changes, and amortization of investment gains/losses. The actuarial experience and assumption change impacts are amortized over the average expected remaining service life of the Plan membership as of the Measurement Date, and investment gains/losses are amortized over five years. The development of the collective PE is shown in Section V.

The unamortized portions of each year’s experience, assumption changes and investment gains/losses are used to develop deferred inflows and outflows, which also must be included in the employer’s financial statements. The development of the collective deferred inflows and outflows is shown in Section III.



These collective amounts have been allocated based on actual contributions made to KERS during the measurement period to determine the proportionate share to each participating employer. Schedule A of this report shows the total amount of employer contributions for the year ending June 30, 2014 from each participating employer and the proportionate share percentages that have been determined based on these contributions.

Based on these percentages we have determined the proportionate share amounts of the NPL, PE and Deferred Inflows and Outflows for each participating employer. These amounts are shown in Schedule B.

Section I of this report is a summary of the principal results of the collective amounts under GASB 68. Section III and Section IV provides the results of all the necessary calculations, presented in the order laid out in GASB 68 for note disclosure and Required Supplementary Information (RSI).



SECTION III – FINANCIAL STATEMENT NOTES

The material presented herein will follow the order presented in GASB 68. Paragraph numbers are provided for ease of reference. Amounts are shown in aggregate.

Paragraph 74: The information required to be prepared by KRS and/or the individual employer.

Paragraph 75: The information required to be prepared by the individual employer.

Paragraphs 76(a) - (b): The information required is to be supplied by KRS.

Paragraph 77: This paragraph requires information regarding the actuarial assumptions used to measure the TPL. The actuarial assumptions utilized in developing the TPL are outlined in Schedule C. The total pension liability was determined by an actuarial valuation as of June 30, 2014, using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	3.5 percent
Salary increases	4.5 percent, average, including inflation
Investment rate of return	7.75 percent, net of pension plan investment expense, including inflation

The rates of mortality for the period after service retirement are according to the 1983 Group Annuity Mortality Table for all retired members and beneficiaries as of June 30, 2006 and the 1994 Group Annuity Mortality Table for all other members. The Group Annuity Mortality Table set forward 5 years is used for the period after disability retirement.

The actuarial assumptions used in the June 30, 2014 valuation were based on the results of an actuarial experience study for the period July 1, 2005 – June 30, 2008.

Paragraph 78:

(a) Discount rate: The discount rate used to measure the total pension liability was 7.75%

(b) Projected cash flows: The projection of cash flows used to determine the discount rate assumed that local employers would contribute the actuarially determined contribution rate of projected compensation over the remaining 29 year amortization period of the unfunded actuarial accrued liability. The actuarial determined contribution rate is adjusted to reflect the phase in of anticipated gains on actuarial value of assets over the first four years of the projection period.



- (c) **Long term rate of return:** The long-term expected return on plan assets is reviewed as part of the regular experience studies prepared every five years for the System. The most recent analysis, performed for the period covering fiscal years 2005 through 2008, is outlined in a report dated August 25, 2009. Several factors are considered in evaluating the long-term rate of return assumption including long term historical data, estimates inherent in current market data, and a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected return, net of investment expense and inflation) were developed by the investment consultant for each major asset class. These ranges were combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation. The capital market assumptions developed by the investment consultant are intended for use over a 10-year horizon and may not be useful in setting the long-term rate of return for funding pension plans which covers a longer timeframe. The assumption is intended to be a long term assumption and is not expected to change absent a significant change in the asset allocation, a change in the inflation assumption, or a fundamental change in the market that alters expected returns in future years.
- (d) **Municipal bond rate:** the discount rate determination does not use a municipal bond rate.
- (e) **Periods of projected benefit payments:** projected future benefit payments for all current plan members were projected through 2116.



(f) **Assumed Asset Allocation:** The target asset allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Domestic equity	30%	8.45%
International equity	22	8.85
Emerging Market Equity	5	10.50
Private Equity	7	1.25
Real Estate	5	7.00
Core US Fixed Income	10	5.25
High Yield US Fixed Income	5	7.25
Non-US Fixed Income	5	5.50
Commodities	5	7.75
TIPS	5	5.00
Cash	1	3.25
Total	100%	



(g) **Sensitivity Analysis:** This paragraph requires disclosure of the sensitivity of the net pension liability to changes in the discount rate. The following presents the net pension liability of the System, calculated using the discount rate of percent, as well as what the System's net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.75 percent) or 1-percentage-point higher (8.75 percent) than the current rate for non-hazardous and (6.75 percent) or 1-percentage-point higher (8.75 percent) than the current rate for hazardous (\$ thousands):

Hazardous

	1% Decrease (6.75%)	Current Discount Rate (7.75%)	1% Increase (8.75%)
System's net pension liability	\$342,685	\$255,366	\$180,571

Non-Hazardous

	1% Decrease (6.75%)	Current Discount Rate (7.75%)	1% Increase (8.75%)
System's net pension liability	\$10,093,046	\$8,971,819	\$7,960,935

Paragraph 80(a): This paragraph requires disclosure of the employer's proportionate share of the collective NPL and if an employer has a special funding situation, the portion of the non-employer contributing entities' proportionate share of the collective NPL that is associated with the employer. These amounts are shown in Schedule B.

Paragraph 80(b): This paragraph requires disclosure of the employer's proportion of the collective NPL and the change in the proportion since the prior measurement date. These amounts are shown in Schedule B.

Paragraph 80(c): June 30, 2014 is the actuarial valuation date upon which the TPL is based. No update procedures were used to determine the TPL. An expected TPL is determined as of July 1, 2013 using standard roll back techniques. The roll back calculation subtracts the annual normal cost (also called the service cost), adds the actual benefit payments and refunds for the plan year



and then applies the expected investment rate of return for the year. The procedure was used to determine the TPL as of July 1, 2013, are shown in the GASB 67 report for KERS submitted on November 17, 2014.

Paragraphs 80(d)-(e): There were no changes in assumptions or benefit terms since the prior measurement period.

Paragraph 80(f): There were no changes between the measurement date of the collective net pension liability and the employer's reporting date.

Paragraph 80(g): Please see Section V of the report for the development of the collective Pension expense. PE for each employer is shown in Schedule B.

Paragraph 80(h): Since certain expense items are amortized over closed periods each year, the deferred portions of these items must be tracked annually. If the amounts serve to reduce pension expense they are labeled deferred inflows. If they will increase pension expense they are labeled deferred outflows. As noted in the previous section, the amortization of these amounts is accomplished on a level dollar basis, with no interest included in the deferred amounts. Experience gains/losses and the impact of changes in actuarial assumptions, if any, are amortized over the average remaining service life of the active and inactive System members at the beginning of the fiscal year. Investment gains and losses are amortized over a fixed five year period.



The table below provide a summary of the deferred inflows and outflows as of the Measurement Date. The allocation of deferred inflows and outflows is provided in Schedule B.

(\$ thousands)

	Hazardous		Non-Hazardous	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$0	\$0	\$0	\$0
Changes of assumptions	0	0	0	0
Net difference between projected and actual earnings on plan investments	0	33,724	0	115,304
Employer contributions subsequent to the Measurement Date	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	<u>\$0</u>	<u>\$33,724</u>	<u>\$0</u>	<u>\$115,304</u>



Paragraph 80(i): The collective amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Deferred Amounts to be recognized in Fiscal Years Following the Reporting Date		
	Hazardous	Non-Hazardous
2016	\$(8,431)	\$(28,826)
2017	(8,431)	(28,826)
2018	(8,431)	(28,826)
2019	(8,431)	(28,826)
2020	0	0
Thereafter	0	0

Paragraph 80(j): The amount of revenue recognized for the support provided by non-employ contributing entities for the participating employers. There are no non-employer contributing entities in KERS.



SECTION IV – REQUIRED SUPPLEMENTARY INFORMATION

There are several tables of Required Supplementary Information (RSI) that need to be included in the System's financial statements:

Paragraphs 81(a) and (b): The required tables are provided in Schedule A and the information is as of the Measurement Dates.

Paragraph 82: Information about factors that significantly affect trends in the amounts reported in the schedules required by paragraph 81 should be presented as notes to the schedule. At this point only one year is being reported, but comments on additional years will be added as they occur.

Changes of benefit terms: The following changes were made by the Kentucky Legislature and reflected in the valuation performed as of June 30 listed below:

2009: A new benefit tier for members who first participate on or after September 1, 2008 was introduced which included the following changes:

1. Tiered Structure for benefit accrual rates
2. New retirement eligibility requirements
3. Different rules for the computation of final average compensation

2014: As cash balance plan was introduced for member whose participation date is on or after January 1, 2014

Changes of assumption: The following changes were made by the Kentucky Legislature and reflected in the valuation performed as of June 30 listed below:

2006: The assumptions were updated as the result of an experience study for the five year period ending June 30, 2005

2007: Amortization bases have been combined and will be amortized over a single 30 year closed period beginning June 30, 2007.

2009: The assumptions were updated as the result of an experience study for the three year period ending June 30, 2008



2013: The amortization period of the unfunded accrued liability was reset to a closed 30 year period.

Method and assumptions used in calculations of actuarially determined contributions. The actuarially determined contribution rates are determined on a biennial basis beginning with the fiscal years ended 2014 and 2015, determined as of July 1, 2013. The amortization period of the unfunded liability has been reset as of July 1, 2013 to a closed 30-year period. The following actuarial methods and assumptions were used to determine contribution rates reported in that schedule:

Actuarial cost method	Entry age
Amortization method	Level percentage of payroll, closed
Remaining amortization period	30 years
Asset valuation method	5-year smoothed market
Inflation	3.5 percent
Salary increase	4.5 percent, average, including inflation
Investment rate of return	7.75 percent, net of pension plan investment expense; including inflation



SECTION V – PENSION EXPENSE

As noted earlier, the Pension Expense (PE) consists of a number of different items. GASB 68 refers to the first as Service Cost which is the Normal Cost using the Entry Age Normal actuarial funding method. To this is added interest on the TPL at the rate of return in effect as of the prior measurement date.

The next three items refer to any changes that occurred in the TPL (i.e., actuarial accrued liability (AAL) under EAN) due to:

1. Benefit changes,
2. Actual versus expected experience or
3. Changes in actuarial assumptions.

Benefit changes, which are reflected immediately in PE, can be positive, if there is a benefit improvement for existing Plan members, or negative if there is a benefit reduction. For the year ended June 30, 2014 there were no benefit changes to be recognized.

The next item to be recognized is the portion of current year changes in TPL due to actual versus expected experience for the year. The portion to recognize in the current year is determined by spreading the total change over the average expected remaining service life of the entire Plan membership. The remaining service life of active members is the average number of years the active members are expected to remain active. For the year ended this number is 10.31 for non-hazardous and 9.49 for hazardous. The remaining service life of the inactive members is, of course, zero. The figure to use for the amortization is the weighted average of these two amounts, or 3.19 for non-hazardous and 3.28 for hazardous.

The last items under changes in TPL are changes in actuarial assumptions. The portion to recognize in the current year is determined by spreading the total change over the average expected remaining service life of the entire Plan membership, similar to the way experience gains and losses are recognized.

Member contributions for the year and projected earnings on the FNP at the discount rate serve to reduce the expense. One-fifth of current-period difference between actual and projected earning on the FNP are recognized in the pension expense.

The current year portions of previously determined experience, assumption, and earnings amounts, recognized as deferred inflows and outflows are included. Deferred outflows are added to the PE and deferred inflows are subtracted from the PE. Finally administrative expenses and other miscellaneous items are included.



The calculation of the collective Pension Expense for the year ended June 30, 2014 for the non-hazardous and hazardous for the System is shown in the following table.

(\$ thousands)

Collective Pension Expense Determined as of the Measurement Date		
	Hazardous	Non-Hazardous
Service Cost	\$16,880	\$133,361
Interest on the TPL and cash flow	\$59,594	\$853,653
Current-period benefit changes	\$0	\$0
Expensed portion of current-period difference between expected and actual experience in the total pension liability	\$0	\$0
Expensed portion of current-period changes of assumptions	\$0	\$0
Member contributions	(\$12,546)	(\$97,487)
Projected earnings on plan investments	(\$38,570)	(\$193,793)
Expensed portion of current-period differences between actual and projected earnings on plan investments	(\$8,431)	(\$28,826)
Administrative expense	\$897	\$11,145
Other	\$0	\$0
Recognition of beginning deferred outflows of resources as pension expense	\$0	\$0
Recognition of beginning deferred inflows of resources as pension expense	\$0	\$0
Pension Expense	\$17,824	\$678,053



SCHEDULE A

Non-Hazardous - Employers	Employer Code	2014 Actual Employer Contributions	Employer Allocation Percentage
BRECKINRIDGE CO ATTORNEY	014A	22,505.72	0.005075%
CHRISTIAN COUNTY ATTORNEY	024A	23,746.68	0.005355%
EDMONSON COUNTY ATTORNEY	031A	1,884.54	0.000425%
KNOTT COUNTY ATTORNEY	060A	9,248.74	0.002086%
LOGAN COUNTY ATTORNEY	071A	30,071.82	0.006781%
MONROE CO ATTORNEY	086A	7,072.56	0.001595%
LEGS GENERAL ASSEMBLY	10005	273,412.91	0.061656%
LEGS LEGISLATIVE RES COMM	10010	5,186,512.75	1.169585%
WAYNE COUNTY ATTORNEY	116A	35,855.67	0.008086%
EASTERN KY UNIV	1430	7,119,861.98	1.605564%
KET FOUNDATION	1433	471,305.10	0.106282%
KY BAR ASSOCIATION	1434	640,113.59	0.144349%
CHILD WATCH ADVOCACY CTR	1435	46,423.56	0.010469%
PURCHASE AREA SACAC	1436	106,233.00	0.023956%
SANCTUARY INC	1437	143,250.45	0.032304%
O.A.S.T.S.	1438	177,320.22	0.039987%
BARREN RIVER CHILD ADVOCA	1439	34,188.96	0.007710%
MOREHEAD STATE UNIVERSITY	1440	3,020,714.22	0.681186%
MURRAY STATE UNIV	1445	3,912,371.58	0.882259%
NORTHERN KY UNIVERSITY	1450	11,037,958.48	2.489115%
LINCOLN ADVOCACY SUPPORT	1451	80,837.29	0.018229%
SPRINGHAVEN INC	1452	101,058.76	0.022789%
SAFE HARBOR	1453	122,696.78	0.027669%
D.O.V.E.S.	1454	59,986.72	0.013527%
GATEWAY CHILD ADVOCACY	1455	20,164.32	0.004547%
JUDI'S PLACE FOR KIDS, INC.	1456	39,066.95	0.008810%
KY RIVER CHILD ADVOCACY	1457	32,442.79	0.007316%
BLUEGRASS RAPE CRISIS CTR	1458	141,306.75	0.031865%
NURSING HOME OMBUDSMAN	1459	35,166.12	0.007930%
WESTERN KENTUCKY UNIV	1465	6,415,074.45	1.446631%
KASAP	1480	67,218.02	0.015158%
KDVA	1481	176,800.79	0.039869%
KACAC	1482	7,831.30	0.001766%
PENNYRILE CHILD ADV CTR	1483	23,684.28	0.005341%
BUFFALO TR CHILD ADV INC	1484	24,651.15	0.005559%
CUMBERLAND V C A CENTER	1485	37,372.16	0.008428%



Non-Hazardous - Employers	Employer Code	2014 Actual Employer Contributions	Employer Allocation Percentage
LAKE CUMB CHILD ADV CTR	1486	18,334.06	0.004134%
B.R.A.S.S.	1487	171,821.94	0.038747%
WOMEN AWARE	1488	90,294.56	0.020362%
BETHANY HOUSE ABUSE SHELTER	1489	108,679.89	0.024508%
HOPE HARBOR INC	1490	61,799.13	0.013936%
CHILD ADV CTR OF GRN RVR	1491	32,994.78	0.007440%
CSG HEADQUARTERS	1492	1,318,791.65	0.297394%
KY HIGHER ED STUD LN CORP	1994	3,530,778.87	0.796208%
JUDL JUDICIAL RET SYSTEM	20020	46,423.62	0.010469%
JUDL ADM OFF OF THE COURT	20025	12,207,180.33	2.752780%
LEX FAYETTE CO HLTH DEPT	3022	3,027,829.13	0.682791%
LAKE CUMBERLAND DISTRICT	3023	2,140,499.63	0.482693%
WEDCO DIST HEALTH DEPT	3024	815,318.67	0.183858%
NORTHERN KY DIST HLTH DEPT	3025	1,648,811.65	0.371815%
BARREN RVR DIST HLTH DEPT	3026	1,770,107.65	0.399168%
GREEN RVR DIST HLTH DEPT	3027	1,592,877.94	0.359202%
LINCOLN TRL DIST HLTH DEPT	3028	1,213,517.60	0.273654%
PURCHASE DIST HLTH DEPT	3029	628,730.96	0.141782%
MERCER CO HEALTH DEPT	3030	187,716.57	0.042331%
CUMBERLAND VLY DIST HEALTH	3031	1,308,264.89	0.295020%
KY RIVER DIST HEALTH DEPT	3033	1,289,078.57	0.290694%
BOURBON CO HEALTH CENTER	3034	169,363.73	0.038192%
CLARK CO HEALTH DEPT	3035	502,944.16	0.113416%
GATEWAY DIST HEALTH DEPT	3036	780,071.20	0.175910%
BOYLE CO HEALTH DEPT	3037	162,814.41	0.036715%
PIKE CO HEALTH DEPT	3038	714,248.16	0.161067%
FLOYD CO HEALTH CENTER	3039	350,989.03	0.079150%
MARTIN CO HEALTH DEPT	3040	208,963.69	0.047122%
BUFFALO TRACE HEALTH DEPT	3042	215,796.56	0.048663%
LITTLE SANDY DIST HEALTH	3043	199,056.38	0.044888%
N CENTRAL DIST HLTH DEPT	3044	548,632.17	0.123719%
PENNYRILE DIST HLTH DEPT	3045	562,154.45	0.126769%
BREATHITT CO HEALTH DEPT	3047	477,698.18	0.107723%
GREENUP CO HLTH DEPT	3048	276,557.79	0.062365%
WHITLEY CO HEALTH DEPT	3049	702,841.66	0.158494%
LAUREL CO HEALTH DEPT	3050	361,885.31	0.081607%
KNOX CO HEALTH DEPT	3051	681,720.84	0.153731%
MONROE CO HEALTH DEPT	3052	96,775.48	0.021823%



Non-Hazardous - Employers	Employer Code	2014 Actual Employer Contributions	Employer Allocation Percentage
BULLITT CO HEALTH DEPT	3053	324,402.76	0.073154%
THREE RIVERS DIST HLTH	3054	724,082.01	0.163284%
ESTILL CO HEALTH DEPT	3055	138,212.12	0.031168%
OLDHAM CO HEALTH DEPT	3056	271,693.13	0.061268%
LEWIS CO HEALTH DEPT	3057	119,892.02	0.027036%
FLEMING CO HEALTH DEP	3058	105,315.68	0.023749%
JESSAMINE CO HEALTH DEPT	3059	245,013.51	0.055252%
POWELL CO HEALTH DEPT	3060	67,623.22	0.015249%
ANDERSON CO HEALTH DEPT	3061	132,309.08	0.029836%
MADISON CO HEALTH DEP	3062	1,216,538.81	0.274336%
JOHNSON CO HEALTH DEPT	3064	502,290.44	0.113269%
MAGOFFIN CO HEALTH DEPT	3065	192,116.95	0.043323%
ALLEN CO HEALTH DEPT	3066	243,400.44	0.054888%
FRANKLIN CO HEALTH DEPT	3067	737,758.70	0.166368%
LINCOLN CO HEALTH DEPT	3068	149,682.89	0.033754%
WOODFORD CO HEALTH DEPT	3069	164,156.78	0.037018%
MUHLENBERG CO.HEALTH DEPT	3072	214,066.44	0.048273%
MARSHALL CO HEALTH DEPT	3073	400,644.43	0.090347%
CHRISTIAN CO HEALTH DEPT	3074	431,176.28	0.097232%
HOPKINS CO HEALTH DEPT	3075	384,141.90	0.086626%
TODD CO HEALTH DEPT	3076	89,795.75	0.020249%
BRACKEN CO HEALTH DEPT	3077	88,197.63	0.019889%
MONTGOMERY CO HEALTH DEPT	3078	418,128.81	0.094290%
GARRARD COUNTY HEALTH DPT	3079	120,785.70	0.027238%
BRECKINRIDGE CO HEALTH BD	3080	136,071.28	0.030685%
ASHLAND BOYD CO HEALTH DP	3081	360,578.69	0.081312%
LAWRENCE CO HEALTH DEPT	3082	172,970.21	0.039006%
GRAVES CO HEALTH CENTER	3083	206,376.52	0.046539%
CALLOWAY CO HEALTH DEPT	3084	163,164.98	0.036795%
BELL CO HEALTH DEPT	3085	367,881.82	0.082959%
GRAYSON COUNTY HEALTH DEPT	3086	130,689.97	0.029471%
HARLAN CO HEALTH DEPT	3087	213,340.28	0.048109%
UNIFIED PROSECUTORIAL SYS	31030	12,282,806.18	2.769834%
DEPT OF AGRICULTURE	31035	2,671,284.82	0.602388%
ATTORNEY GENERALS OFFICE	31040	2,517,425.38	0.567692%
AUDITOR OF PUBLIC ACCOUNT	31045	1,833,868.46	0.413546%
REGISTRY OF ELECTION	31066	168,338.42	0.037961%
GOVERNORS OFFICE	31070	555,906.35	0.125360%



Non-Hazardous - Employers	Employer Code	2014 Actual Employer Contributions	Employer Allocation Percentage
DEPT OF VETERANS AFFAIRS	31074	7,207,930.73	1.625424%
MILITARY AFFAIRS COMM	31076	37,678.83	0.008497%
KY INFRASTRUCTURE	31082	208,282.54	0.046969%
LT GOVERNORS OFFICE	31085	57,050.19	0.012865%
AGRICULTURAL DEVELOP BD	31089	223,365.25	0.050370%
OFF OF HOMELAND SECURITY	31094	266,392.43	0.060073%
DEPT MILITARY AFFAIRS	31095	5,581,095.53	1.258565%
OFF OF MINORITY EMPOWMENT	31097	21,308.16	0.004805%
FAITH BASED/NONPROFIT SOC	31099	12,784.92	0.002883%
OFF OF SECRETARY TO CABIN	31110	13,069.08	0.002947%
GOV OFF LOCAL DEVELOPMENT	31112	783,812.76	0.176754%
SECRETARY OF STATE	31120	352,225.63	0.079429%
STATE TREASURERS OFFICE	31125	360,588.37	0.081314%
EARLY CHILDHOOD ADVISORY COUNCIL	31135	110,756.48	0.024976%
BOARD OF MEDICAL IMAGING & RADIATION TECHNOLOGY	31136	14,180.98	0.003198%
BOARD OF ACCOUNTANCY	31150	53,006.52	0.011953%
BOARD OF AUCTIONEERS	31155	18,107.13	0.004083%
BOARD OF BARBERING	31165	21,984.43	0.004958%
BOARD OF CHIROPRACTIC EXM	31170	31,244.05	0.007046%
BOARD OF DENTISTRY	31180	68,422.46	0.015430%
BOARD OF ELECTIONS	31185	142,124.77	0.032050%
BRD OF EMBALMERS/FUN DIR	31190	45,018.71	0.010152%
BOARD OF EXM ARCHITECTS	31200	46,058.52	0.010386%
KY LANDSCAPE ARCH REG BD	31205	6,288.34	0.001418%
BD EXAMINERS OF SOCIAL WK	31215	29,781.24	0.006716%
BD OF HAIRDRESSERS/CSMTG	31225	121,818.37	0.027471%
BD OF MEDICAL LICENSURE	31245	187,987.87	0.042392%
BOARD OF NURSING	31250	591,121.40	0.133301%
BOARD OF OPTOMETRIC EXM	31260	18,474.58	0.004166%
KY RESPIRATORY CARE BD	31263	22,910.78	0.005166%
PERSONNEL BOARD	31268	95,046.14	0.021433%
KY BOARD OF PHARMACY	31270	199,211.92	0.044923%
BD OF PHYSICAL THERAPY	31275	23,323.20	0.005259%
BOARD OF REAL ESTATE APPR	31284	62,670.77	0.014133%
BD OF PROF ENGINEERS & LA	31290	151,460.24	0.034155%
SCHOOL FAC CONSTR COMM	31345	49,456.31	0.011153%



Non-Hazardous - Employers	Employer Code	2014 Actual Employer Contributions	Employer Allocation Percentage
EXECUTIVE BRANCH ETH COMM	31354	71,718.84	0.016173%
COMMISSION ON HUMAN RIGHT	31370	301,847.65	0.068068%
COMMISSION- REAL ESTATE	31395	171,310.21	0.038631%
COMMISSION ON WOMEN	31400	46,167.26	0.010411%
KY COUNCIL POSTSEC EDUCAT	31415	753,439.61	0.169904%
OFFICE OF STATE BUD DIREC	31765	444,413.04	0.100217%
TRAN OFF OF THE SECRETARY	35605	927,191.63	0.209086%
TRAN OFFICE OF LEGAL SVC	35607	682,446.81	0.153895%
DIVISION OF FACILITY MANA	35609	654,707.67	0.147640%
TRAN DEPT OF AVIATION	35615	355,312.56	0.080125%
TRAN OFFICE OF PERSONNEL	35616	490,884.96	0.110697%
OFFICE OF INFORMAT TECHNO	35617	655,198.29	0.147750%
OFFICE OF AUDITS	35618	565,477.47	0.127518%
DOT PAYROLL DIVISION	35619	235,541.87	0.053116%
TRAN DEPT OF HIGHWAYS	35625	42,342,395.10	9.548422%
TRAN DEPT OF INTERGOV PRO	35628	254,303.74	0.057347%
TRAN DEPT OF VEH REGULATE	35630	2,213,902.42	0.499246%
EDEV OFF OF THE SECRETARY	36635	1,126,700.11	0.254077%
KENTUCKY STATE UNIVERSITY	3801	1,411,406.65	0.318279%
KHEAA DIV OF FINANCIAL AF	39075	449,459.76	0.101355%
COMMONWEALTH OF TECHNOL	39079	7,261,620.11	1.637532%
KY RIVER AUTHORITY	39084	119,350.90	0.026914%
OFFICE OF PVA'S	39103	7,757,681.63	1.749396%
DEPT OF REVENUE	39130	9,672,744.02	2.181252%
OFFICE OF SECRETARY	39750	1,705,516.94	0.384603%
OFF OF THE CONTROLLER	39758	1,018,404.71	0.229655%
DEPT FACILITIES SUPP SVCS	39785	2,904,764.89	0.655039%
KY STATE FAIR BOARD	50235	2,435,608.97	0.549242%
COMM KY HERITAGE COUNCIL	50410	220,662.44	0.049760%
KY ARTS COUNCIL	50529	218,009.37	0.049162%
KY HISTORICAL SOCIETY	50550	594,398.66	0.134040%
DEPT OF FISH & WILDLIFE	50660	3,828,300.18	0.863301%
COMM KY HORSE PARK	50665	805,022.98	0.181537%
DEPT OF PARKS	50670	6,306,269.22	1.422095%
COMM OFFICE OF SECRETARY	50850	536,651.34	0.121018%
KY ARTISANS CTR AT BEREA	50852	158,466.54	0.035735%
DEPT OF TOURISM	50860	399,317.58	0.090048%
EDUC PROF STANDARDS BD	51183	201,370.57	0.045410%



Non-Hazardous - Employers	Employer Code	2014 Actual Employer Contributions	Employer Allocation Percentage
KY COMM DEAF/HARD OF HEAR	51340	155,609.73	0.035091%
KY ENVIRONMENTAL EDUC COU	51407	27,439.43	0.006188%
EDUC OFFICE OF SECRETARY	51530	1,000,766.41	0.225678%
DEPT WORKFORCE INVESTMENT	51531	7,880,777.23	1.777155%
KY COMM ON PROPRIETARY ED	51532	24,209.59	0.005459%
EDUC DEPT OF EDUCATION	51540	3,044,815.59	0.686621%
KY EDUCATIONAL TV AUTHOR	51545	1,542,946.18	0.347942%
KY DEPT LIBRARY & ARCHIVE	51555	989,032.63	0.223032%
OFFICE OF THE KY HEALTH BENEFIT EXCHANGE	53713	313,440.57	0.070682%
H&FS OFF OF THE SECRETARY	53721	4,416,705.80	0.995989%
OFFICE INSPECTOR GENERAL	53723	2,928,474.17	0.660386%
OFFICE OF HEALTH POLICY	53724	128,613.10	0.029003%
DEPT OF AGING/INDEP LIVIN	53725	1,344,330.45	0.303153%
DEPT FOR INCOME SUPPORT	53727	4,796,988.58	1.081745%
DEPT FOR PUBLIC HEALTH	53728	4,866,019.85	1.097312%
OFF HUMAN RESOURCE MANAGE	53729	8,580,912.29	1.935039%
H&FS DEPT HUMAN SUPPORT S	53730	161,533.86	0.036427%
H&FS DEPT FOR COMM BASE S	53736	42,185,289.95	9.512994%
DEPT FOR MEDICAID SERVICE	53746	1,976,105.10	0.445622%
COMM CHILDREN SPEC HEALTH	53767	1,799,767.89	0.405857%
J&PS OFF OF SECRETARY	54500	1,356,142.21	0.305817%
DEPT OF PUBLIC ADVOCACY	54515	6,188,515.40	1.395541%
J&PS DEPT OF KY STATE POL	54520	7,993,252.25	1.802518%
J&PS OF JUVENILE JUSTICE	54523	13,021,325.07	2.936374%
DEPT OF CRIMINAL JUST TRN	54525	1,912,133.49	0.431196%
J&PS DEPT OF CORRECTIONS	54527	3,319,756.29	0.748622%
KCTCS	5470	8,642,545.08	1.948937%
OFFICE OF THE SECRETARY	55790	1,148,079.13	0.258898%
DEPT PERSONNEL ADMIN	55793	1,204,302.55	0.271576%
DEPT FOR EMPLOYEE INS	55794	598,608.13	0.134989%
OFFICE OF THE SECRETARY	56102	497,552.59	0.112201%
DEPT OF WRKPLACE STANDARD	56106	1,554,938.94	0.350646%
DEPT OF WORKERS CLAIMS	56107	2,151,495.89	0.485173%
KY OSH REVIEW COMMISSION	56113	101,521.32	0.022894%
WORKERS COMP FUNDING COMM	56114	248,688.63	0.056081%
GEN ADM PROG SUPP S SERVI	56115	717,070.10	0.161703%
OFF OF INSPCT GEN S SVCS	56116	69,432.51	0.015657%



Non-Hazardous - Employers	Employer Code	2014 Actual Employer Contributions	Employer Allocation Percentage
ENVIRONMENTAL QUAL COMM	57121	25,569.72	0.005766%
MINE SAFETY REV COMM	57122	22,100.52	0.004984%
KY PUBLIC SVC COMMISSION	57123	1,346,418.03	0.303624%
KY STATE NATURE PRES COMM	57124	192,034.53	0.043305%
OFFICE OF THE SECRETARY	57126	810,334.72	0.182735%
DEPT FOR ENERGY DEV & IND	57127	201,032.11	0.045334%
DEPT FOR NATURAL RESOURCE	57128	7,827,900.89	1.765231%
DEPT FOR ENVIRONM PROTECT	57129	8,461,472.10	1.908104%
BRD OF CLMS & CRIME VICTI	58175	173,049.43	0.039024%
KY BOARD OF TAX APPEALS	58300	66,876.67	0.015081%
KY HORSE RACING AUTHORITY	58374	493,942.11	0.111386%
OFFICE OF THE SECRETARY	58675	629,870.10	0.142039%
DEPT OF INSURANCE	58676	1,341,388.50	0.302490%
OFF OF OCCUP & PROFESSION	58677	155,213.86	0.035002%
KY BOXING & WRESTLING AUT	58678	9,225.84	0.002080%
DEPT OF ALCOHOL & BEVERA	58680	298,223.90	0.067251%
DEPT OF CHARITABLE GAMING	58681	355,660.71	0.080203%
DEPT OF FINANCIAL INSTITU	58685	1,238,705.21	0.279334%
DEPT OF HOUSING & BUILD C	58690	2,420,615.49	0.545861%
ASST OF COMMONWEALTH ATTY	7403	199,232.48	0.044928%
KENTUCKY HOUSING CORP	7407	3,485,559.66	0.786011%
FRANKLIN CO COUNCIL AGING	7408	45,952.03	0.010362%
MUN ELEC POW ASSOC OF KY	7409	31,531.22	0.007110%
COMMONWEALTH CREDIT UNION	7410	3,401,971.67	0.767162%
HIGHSCHOOL ATHLETIC ASSOC	7415	77,238.98	0.017418%
KY OFFICE OF BAR ADMISSIO	7416	58,861.59	0.013274%
KY ASSOC OF REGIONAL PROG	7417	38,724.42	0.008733%
KY RIVER COMM CARE INC	8201	6,063.85	0.001367%
NORTHERN KY REG MHMR BD	8202	2,014,981.55	0.454388%
COMMUNICARE INC	8204	3,179,292.20	0.716946%
ADANTA/BEHAVIORAL HLTH SR	8205	2,363,390.63	0.532956%
CUMBERLAND RIVER MHMR	8208	4,358,305.45	0.982820%
WESTERN KY REG MHMR ADV	8209	1,429,061.04	0.322260%
BLUEGRASS.ORG	8210	15,481,962.24	3.491260%
PENNYROYAL REG MHMR BD	8211	2,522,477.59	0.568831%
GREEN RVR REG MHMR BD	8213	1,274,993.60	0.287517%
COMPREHEND INC REG MHMR B	8216	1,026,372.55	0.231452%
LIFESKILLS INC	8220	2,663,330.21	0.600594%



Non-Hazardous - Employers	Employer Code	2014 Actual Employer Contributions	Employer Allocation Percentage
MOUNTAIN COMP CARE CENTER ✓	8221	2,055,057.15	0.463426%
KY EMPLOYERS MUTUAL INS	9940	3,986,622.48	0.899003%
ALLEN COUNTY ATTORNEY	W002	32,926.87	0.007425%
ANDERSON COUNTY ATTORNEY	W003	17,535.49	0.003954%
BARREN COUNTY ATTORNEY	W005	68,126.76	0.015363%
BATH COUNTY ATTORNEY	W006	27,811.02	0.006272%
BELL COUNTY ATTORNEY	W007	46,834.62	0.010561%
BOONE COUNTY ATTORNEY	W008	191,211.08	0.043119%
BOYLE COUNTY ATTORNEY	W011	8,244.38	0.001859%
BULLITT COUNTY ATTORNEY	W015	102,052.69	0.023013%
CARROLL COUNTY ATTORNEY	W021	28,218.35	0.006363%
CHILD SUPPORT ENFORCEMENT	W022	16,596.96	0.003743%
CASEY COUNTY ATTORNEY	W023	17,238.23	0.003887%
CLARK COUNTY ATTORNEY	W025	49,812.98	0.011233%
CRITTENDEN CO ATTORNEY	W028	17,096.97	0.003855%
DAVISS COUNTY ATTORNEY	W030	16,107.03	0.003632%
FLOYD COUNTY ATTORNEY	W036	111,254.03	0.025088%
FRANKLIN COUNTY ATTORNEY	W037	79,212.85	0.017863%
GARRARD COUNTY ATTORNEY	W040	24,441.24	0.005512%
GRANT COUNTY CHILD SUPPOR	W041	8,396.91	0.001894%
GRAVES COUNTY ATTORNEY	W042	59,654.52	0.013452%
HANCOCK COUNTY ATTORNEY	W046	6,781.46	0.001529%
HARRISON COUNTY ATTORNEY	W049	29,683.56	0.006694%
HICKMAN COUNTY ATTORNEY	W053	6,365.04	0.001435%
HOPKINS COUNTY ATTORNEY	W054	86,926.47	0.019602%
JACKSON COUNTY ATTORNEY	W055	2,224.94	0.000502%
JEFFERSON CO ATTORNEY	W056	151,052.86	0.034063%
LARUE COUNTY ATTORNEY	W062	29,151.75	0.006574%
LAUREL COUNTY ATTORNEY	W063	6,670.72	0.001504%
LEE COUNTY ATTORNEY	W065	17,212.81	0.003882%
MCCRACKEN COUNTY ATTORNEY	W073	15,183.10	0.003424%
MCCREARY COUNTY ATTORNEY	W074	40,931.50	0.009230%
MADISON COUNTY ATTORNEY	W076	125,589.70	0.028321%
MAGOFFIN CO ATTORNEY	W077	22,816.00	0.005145%
MEADE COUNTY ATTORNEY	W082	32,838.89	0.007405%
MENIFEE COUNTY ATTORNEY	W083	4,420.40	0.000997%
MERCER COUNTY ATTORNEY	W084	6,181.70	0.001394%
MONTGOMERY CO ATTORNEY	W087	34,703.58	0.007826%



Non-Hazardous - Employers	Employer Code	2014 Actual Employer Contributions	Employer Allocation Percentage
MORGAN COUNTY ATTORNEY	W088	28,964.53	0.006532%
OLDHAM COUNTY ATTORNEY	W093	63,071.98	0.014223%
OWEN COUNTY ATTORNEY	W094	16,688.16	0.003763%
PENDLETON COUNTY ATTORNEY	W096	13,433.83	0.003029%
PULASKI COUNTY ATTORNEY	W100	83,855.13	0.018910%
ROCKCASTLE CO ATTORNEY	W102	36,686.85	0.008273%
ROWAN COUNTY ATTORNEY	W103	32,491.43	0.007327%
SHELBY COUNTY ATTORNEY	W106	23,857.88	0.005380%
SIMPSON COUNTY ATTORNEY	W107	15,265.28	0.003442%
SPENCER COUNTY ATTORNEY	W108	12,991.13	0.002930%
TODD COUNTY ATTORNEY	W110	6,412.48	0.001446%
TRIGG COUNTY ATTORNEY	W111	29,684.68	0.006694%
TRIMBLE COUNTY ATTORNEY	W112	9,351.77	0.002109%
UNION COUNTY ATTORNEY	W113	29,032.33	0.006547%
WEBSTER COUNTY ATTORNEY	W117	27,065.32	0.006103%
WHITLEY COUNTY ATTORNEY	W118	53,345.45	0.012030%
FAYETTE CO ATTORNEY OFF	X034	50,842.67	0.011465%
KENTON COUNTY ATTORNEY	X059	10,921.00	0.002463%
Total of all Entities		443,449,155.99	100.000%

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Hazardous - Employers	Employer Code	2014 Actual Employer Contributions	Employer Allocation Percentage
MOREHEAD STATE UNIVERSITY	1440	\$ 178,707.69	0.39511%
MURRAY STATE UNIV	1445	183,316.59	0.40530%
NORTHERN KY UNIVERSITY	1450	187,482.24	0.41451%
WESTERN KENTUCKY UNIV	1465	387,633.93	0.85703%
UNIFIED PROSECUTORIAL SYS	31030	12,884.04	0.02849%
ATTORNEY GENERALS OFFICE	31040	415,783.65	0.91927%
DEPT MILITARY AFFAIRS	31095	517,300.24	1.14372%
TRAN DEPT OF AVIATION	35615	49,921.08	0.11037%
COMMONWEALTH OF TECHNOL	39079	204,146.32	0.45135%
DEPT OF FISH & WILDLIFE	50660	1,899,602.70	4.19990%
COMM KY HORSE PARK	50665	94,817.45	0.20964%
DEPT OF PARKS	50670	386,967.53	0.85556%
OFF HUMAN RESOURCE MANAGE	53729	1,180,074.87	2.60907%
J&PS DEPT OF KY STATE POL	54520	2,185,780.64	4.83262%
J&PS DEPT OF CORRECTIONS	54527	36,712,138.81	81.16824%
DEPT OF INSURANCE	58676	124,982.33	0.27633%
DEPT OF ALCOHOL & BEVERA	58680	508,144.66	1.12348%
		\$ ✓ 45,229,684.77	100%



SCHEDULE B

(\$'s in thousands)

Non-Hazardous Employers	Employer Code	Deferred Outflows of Resources			Deferred Inflows of Resources			Pension Expense					
		Net Pension Liability	Difference between Expected & Actual Experience	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportionate Share of Contributions	Changes in Proportion & Differences Between Employer Contributions & Proportionate Share of Contributions	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportionate Share of Contributions	Changes in Proportion & Differences Between Employer Contributions & Proportionate Share of Contributions	Deferred Amounts from Changes in Proportionate Share of Contributions	Total Pension Expense
BRECKINRIDGE CO ATTORNEY	014A	\$455	\$-	\$-	\$-	\$-	\$6	\$-	\$6	\$34	\$-	\$34	\$34
CHRISTIAN COUNTY ATTORNEY	024A	480	-	-	-	-	6	-	6	36	-	36	36
EDMONSON COUNTY ATTORNEY	031A	38	-	-	-	-	0	-	0	3	-	3	3
KNOTT COUNTY ATTORNEY	060A	187	-	-	-	-	2	-	2	14	-	14	14
LOGAN COUNTY ATTORNEY	071A	608	-	-	-	-	8	-	8	46	-	46	46
MONROE CO ATTORNEY	086A	143	-	-	-	-	2	-	2	11	-	11	11
LEGS GENERAL ASSEMBLY	10005	5,532	-	-	-	-	71	-	71	418	-	418	418
LEGS LEGISLATIVE RES COMM	10010	104,933	-	-	-	-	1,349	-	1,349	7,930	-	7,930	7,930
WAYNE COUNTY ATTORNEY	116A	725	-	-	-	-	9	-	9	55	-	55	55
EASTERN KY UNIV	1430	144,048	-	-	-	-	1,851	-	1,851	10,887	-	10,887	10,887
KET FOUNDATION	1433	9,535	-	-	-	-	123	-	123	721	-	721	721
KY BAR ASSOCIATION	1434	12,951	-	-	-	-	166	-	166	979	-	979	979
CHILD WATCH ADVOCACY CTR	1435	939	-	-	-	-	12	-	12	71	-	71	71
PURCHASE AREA SACAC	1436	2,149	-	-	-	-	28	-	28	162	-	162	162
SANCTUARY INC	1437	2,898	-	-	-	-	37	-	37	219	-	219	219
O A S I S	1438	3,588	-	-	-	-	46	-	46	271	-	271	271
BARREN RIVER CHILD ADVOCA	1439	692	-	-	-	-	9	-	9	52	-	52	52
MOREHEAD STATE UNIVERSITY	1440	61,115	-	-	-	-	785	-	785	4,619	-	4,619	4,619
MURRAY STATE UNIV	1445	79,155	-	-	-	-	1,017	-	1,017	5,982	-	5,982	5,982
NORTHERN KY UNIVERSITY	1450	223,319	-	-	-	-	2,870	-	2,870	16,878	-	16,878	16,878
LINCOLN ADVOCACY SUPPORT	1451	1,635	-	-	-	-	21	-	21	124	-	124	124
SPRINGHAVEN INC	1452	2,045	-	-	-	-	26	-	26	155	-	155	155
SAFE HARBOR	1453	2,482	-	-	-	-	32	-	32	188	-	188	188
D.O.V.E.S.	1454	1,214	-	-	-	-	16	-	16	92	-	92	92
GATEWAY CHILD ADVOCACY	1455	408	-	-	-	-	5	-	5	31	-	31	31
JUDIS PLACE FOR KIDS, INC.	1456	790	-	-	-	-	10	-	10	60	-	60	60
KY RIVER CHILD ADVOCACY	1457	656	-	-	-	-	8	-	8	50	-	50	50
BLUEGRASS RAPE CRISIS CTR	1458	2,859	-	-	-	-	37	-	37	216	-	216	216
NURSING HOME OMBUDSMAN	1459	711	-	-	-	-	9	-	9	54	-	54	54
WESTERN KENTUCKY UNIV	1465	129,789	-	-	-	-	1,668	-	1,668	9,809	-	9,809	9,809
KASAP	1480	1,360	-	-	-	-	17	-	17	103	-	103	103
KDVA	1481	3,577	-	-	-	-	46	-	46	270	-	270	270
KACAC	1482	158	-	-	-	-	2	-	2	12	-	12	12
PENNYRILE CHILD ADV CTR	1483	479	-	-	-	-	6	-	6	36	-	36	36
BUFFALO TR CHILD ADV INC	1484	499	-	-	-	-	6	-	6	38	-	38	38



Non-Hazardous Employers	Employer Code	Deferred Outflows of Resources				Deferred Inflows of Resources				Pension Expense			
		Net Pension Liability	Difference between Expected & Actual Experience	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportion & Share of Contributions	Total Deferred Outflows of Resources	Difference between Expected & Actual Experience	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportion & Share of Contributions	Total Deferred Inflows of Resources	
CUMBERLAND V C A CENTER	1485	756	-	-	-	-	-	10	-	-	10	57	57
LAKE CUMB CHILD ADV CTR	1486	371	-	-	-	-	-	5	-	-	5	28	28
B.R.A.S.S	1487	3,476	-	-	-	-	-	45	-	-	45	263	263
WOMEN AWARE	1488	1,827	-	-	-	-	-	23	-	-	23	138	138
BETHANY HOUSE ABUSE SHELT	1489	2,199	-	-	-	-	-	28	-	-	28	166	166
HOPE HARBOR INC	1490	1,250	-	-	-	-	-	16	-	-	16	94	94
CHILD ADV CTR OF GRN RVR	1491	668	-	-	-	-	-	9	-	-	9	50	50
CSG HEADQUARTERS	1492	26,682	-	-	-	-	-	343	-	-	343	2,016	2,016
KY HIGHER ED STUD LN CORP	1994	71,434	-	-	-	-	-	918	-	-	918	5,399	5,399
JUDL JUDICIAL RET SYSTEM	20020	939	-	-	-	-	-	12	-	-	12	71	71
JUDL ADM OFF OF THE COURT	20025	246,974	-	-	-	-	-	3,174	-	-	3,174	18,665	18,665
LEX FAYETTE CO HLTH DEPT	3022	61,259	-	-	-	-	-	787	-	-	787	4,630	4,630
LAKE CUMBERLAND DISTRICT	3023	43,306	-	-	-	-	-	557	-	-	557	3,273	3,273
WEDCO DIST HEALTH DEPT	3024	16,495	-	-	-	-	-	212	-	-	212	1,247	1,247
NORTHERN KY DIST HLTH DEPT	3025	33,359	-	-	-	-	-	429	-	-	429	2,521	2,521
BARREN RVR DIST HLTH DEPT	3026	35,813	-	-	-	-	-	460	-	-	460	2,707	2,707
GREEN RVR DIST HLTH DEPT	3027	32,227	-	-	-	-	-	414	-	-	414	2,436	2,436
LINCOLN TRL DIST HLTH DEPT	3028	24,552	-	-	-	-	-	316	-	-	316	1,856	1,856
PURCHASE DIST HLTH DEPT	3029	12,720	-	-	-	-	-	163	-	-	163	961	961
MERCER CO HEALTH DEPT	3030	3,798	-	-	-	-	-	49	-	-	49	287	287
CUMBERLAND VLY DIST HEALT	3031	26,469	-	-	-	-	-	340	-	-	340	2,000	2,000
KY RIVER DIST HEALTH DEPT	3033	26,081	-	-	-	-	-	335	-	-	335	1,971	1,971
BOURBON CO HEALTH CENTER	3034	3,427	-	-	-	-	-	44	-	-	44	259	259
CLARK CO HEALTH DEPT	3035	10,176	-	-	-	-	-	131	-	-	131	769	769
GATEWAY DIST HEALTH DEPT	3036	15,782	-	-	-	-	-	203	-	-	203	1,193	1,193
BOYLE CO HEALTH DEPT	3037	3,294	-	-	-	-	-	42	-	-	42	249	249
PIKE CO HEALTH DEPT	3038	14,451	-	-	-	-	-	186	-	-	186	1,092	1,092
FLOYD CO HEALTH CENTER	3039	7,101	-	-	-	-	-	91	-	-	91	537	537
MARTIN CO HEALTH DEPT	3040	4,228	-	-	-	-	-	54	-	-	54	320	320
BUFFALO TRACE HEALTH DEPT	3042	4,366	-	-	-	-	-	56	-	-	56	330	330
LITTLE SANDY DIST HEALTH	3043	4,027	-	-	-	-	-	52	-	-	52	304	304
N CENTRAL DIST HLTH DEPT	3044	11,100	-	-	-	-	-	143	-	-	143	839	839
PENNYRILE DIST HLTH DEPT	3045	11,373	-	-	-	-	-	146	-	-	146	860	860
BREATHITT CO HEALTH DEPT	3047	9,665	-	-	-	-	-	124	-	-	124	730	730
GREENUP CO HLTH DEPT	3048	5,595	-	-	-	-	-	72	-	-	72	423	423
WHITLEY CO HEALTH DEPT	3049	14,220	-	-	-	-	-	183	-	-	183	1,075	1,075
LAUREL CO HEALTH DEPT	3050	7,322	-	-	-	-	-	94	-	-	94	553	553
KNOX CO HEALTH DEPT	3051	13,793	-	-	-	-	-	177	-	-	177	1,042	1,042
MONROE CO HEALTH DEPT	3052	1,958	-	-	-	-	-	25	-	-	25	148	148
BULLITT CO HEALTH DEPT	3053	6,563	-	-	-	-	-	84	-	-	84	496	496
THREE RIVERS DIST HLTH	3054	14,650	-	-	-	-	-	188	-	-	188	1,107	1,107
ESTILL CO HEALTH DEPT	3055	2,796	-	-	-	-	-	36	-	-	36	211	211
OLDHAM CO HEALTH DEPT	3056	5,497	-	-	-	-	-	71	-	-	71	415	415
LEWIS CO HEALTH DEPT	3057	2,426	-	-	-	-	-	31	-	-	31	183	183
FLEMING CO HEALTH DEPT	3058	2,131	-	-	-	-	-	27	-	-	27	161	161



Employer Code	Non-Hazardous Employers	Deferred Outflows of Resources				Deferred Inflows of Resources				Pension Expense				
		Net Pension Liability	Difference between Expected & Actual Experience	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportionate Share of Contributions	Difference between Expected & Actual Experience	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportionate Share of Contributions	Total Deferred Outflows of Resources	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Deferred Amounts from Changes in Proportionate Difference Between Employer Contributions & Proportionate Share of Pension Expense
3059	JESSAMINE CO HEALTH DEPT	4,957	-	-	-	-	64	-	-	64	-	375	-	375
3060	POWELL CO HEALTH DEPT	1,368	-	-	-	-	18	-	-	18	-	103	-	103
3061	ANDERSON CO HEALTH DEPT	2,677	-	-	-	-	34	-	-	34	-	202	-	202
3062	MADISON CO HEALTH DEPT	24,613	-	-	-	-	316	-	-	316	-	1,860	-	1,860
3064	JOHNSON CO HEALTH DEPT	10,162	-	-	-	-	131	-	-	131	-	768	-	768
3065	MAGOFFIN CO HEALTH DEPT	3,887	-	-	-	-	50	-	-	50	-	294	-	294
3066	ALLEN CO HEALTH DEPT	4,924	-	-	-	-	63	-	-	63	-	372	-	372
3067	FRANKLIN CO HEALTH DEPT	14,926	-	-	-	-	192	-	-	192	-	1,128	-	1,128
3068	LINCOLN CO HEALTH DEPT	3,028	-	-	-	-	39	-	-	39	-	229	-	229
3069	WOODFORD CO HEALTH DEPT	3,321	-	-	-	-	43	-	-	43	-	251	-	251
3070	MUHLBERG CO HEALTH DEPT	4,331	-	-	-	-	56	-	-	56	-	327	-	327
3073	MARSHALL CO HEALTH DEPT	8,106	-	-	-	-	104	-	-	104	-	613	-	613
3074	CHRISTIAN CO HEALTH DEPT	8,724	-	-	-	-	112	-	-	112	-	659	-	659
3075	HOPKINS CO HEALTH DEPT	7,772	-	-	-	-	100	-	-	100	-	587	-	587
3076	TODD CO HEALTH DEPT	1,817	-	-	-	-	23	-	-	23	-	137	-	137
3077	BRACKEN CO HEALTH DEPT	1,784	-	-	-	-	23	-	-	23	-	135	-	135
3078	MONTGOMERY CO HEALTH DEPT	8,460	-	-	-	-	109	-	-	109	-	639	-	639
3079	GARRARD COUNTY HEALTH DEPT	2,444	-	-	-	-	31	-	-	31	-	185	-	185
3080	BRECKINRIDGE CO HEALTH DEPT	2,753	-	-	-	-	35	-	-	35	-	208	-	208
3081	ASHLAND BOYD CO HEALTH DEPT	7,295	-	-	-	-	94	-	-	94	-	551	-	551
3082	LAWRENCE CO HEALTH DEPT	3,500	-	-	-	-	45	-	-	45	-	264	-	264
3083	GRAVES CO HEALTH CENTER	4,175	-	-	-	-	54	-	-	54	-	316	-	316
3084	CALLOWAY CO HEALTH DEPT	3,301	-	-	-	-	42	-	-	42	-	249	-	249
3085	BELL CO HEALTH DEPT	7,443	-	-	-	-	96	-	-	96	-	563	-	563
3086	GRAYSON COUNTY HEALTH DEPT	2,644	-	-	-	-	34	-	-	34	-	200	-	200
3087	HARLAN CO HEALTH DEPT	4,316	-	-	-	-	55	-	-	55	-	326	-	326
31030	UNIFIED PROSECUTORIAL SYS	248,505	-	-	-	-	3,194	-	-	3,194	-	18,781	-	18,781
31035	DEPT OF AGRICULTURE	54,045	-	-	-	-	695	-	-	695	-	4,085	-	4,085
31040	ATTORNEY GENERALS OFFICE	50,932	-	-	-	-	655	-	-	655	-	3,849	-	3,849
31045	AUDITOR OF PUBLIC ACCOUNT	37,103	-	-	-	-	477	-	-	477	-	2,804	-	2,804
31066	REGISTRY OF ELECTION	3,406	-	-	-	-	44	-	-	44	-	257	-	257
31070	GOVERNORS OFFICE	11,247	-	-	-	-	145	-	-	145	-	850	-	850
31074	DEPT OF VETERANS AFFAIRS	145,830	-	-	-	-	1,874	-	-	1,874	-	11,021	-	11,021
31076	MILITARY AFFAIRS COMM	762	-	-	-	-	10	-	-	10	-	58	-	58
31082	KY INFRASTRUCTURE	4,214	-	-	-	-	54	-	-	54	-	318	-	318
31085	LT GOVERNORS OFFICE	1,154	-	-	-	-	15	-	-	15	-	87	-	87
31089	AGRICULTURAL DEVELOP BD	4,519	-	-	-	-	58	-	-	58	-	342	-	342
31094	OFF OF HOMELAND SECURITY	5,390	-	-	-	-	69	-	-	69	-	407	-	407
31095	DEPT MILITARY AFFAIRS	112,916	-	-	-	-	1,451	-	-	1,451	-	8,534	-	8,534
31097	OFF OF MINORITY EMPLOYMENT	431	-	-	-	-	6	-	-	6	-	33	-	33
31099	FAITH BASED/NONPROFIT SOC	259	-	-	-	-	3	-	-	3	-	20	-	20
31110	OFF OF SECRETARY TO CABIN	264	-	-	-	-	3	-	-	3	-	20	-	20
31112	GOV OFF LOCAL DEVELOPMENT	15,858	-	-	-	-	204	-	-	204	-	1,198	-	1,198
31120	SECRETARY OF STATE	7,126	-	-	-	-	92	-	-	92	-	539	-	539
31125	STATE TREASURERS OFFICE	7,295	-	-	-	-	94	-	-	94	-	551	-	551



Employer Code	Non-Hazardous Employers	Deferred Outflows of Resources				Deferred Inflows of Resources				Pension Expense		
		Net Pension Liability	Difference Between Expected & Actual Experience	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportionate Share of Contributions	Changes in Proportionate Share of Contributions	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Difference Between Expected & Actual Experience	Proportionate Share of Pension Expense	Total Pension Expense	
31135	EARLY CHILDHOOD ADVISORY COUNCIL	2,241	-	-	-	-	-	29	-	169	-	169
31136	BOARD OF MEDICAL IMAGING & RADIATION TECHNOLOGY	287	-	-	-	-	-	4	-	22	-	22
31150	BOARD OF ACCOUNTANCY	1,072	-	-	-	-	-	14	-	81	-	81
31155	BOARD OF AUCTIONEERS	366	-	-	-	-	-	5	-	28	-	28
31165	BOARD OF BARBERING	445	-	-	-	-	-	6	-	34	-	34
31170	BOARD OF CHIROPRACTIC EXM	632	-	-	-	-	-	8	-	48	-	48
31180	BOARD OF DENTISTRY	1,384	-	-	-	-	-	18	-	105	-	105
31185	BOARD OF ELECTIONS	2,875	-	-	-	-	-	37	-	217	-	217
31190	BRD OF EMBALMERS/FUN DIR	911	-	-	-	-	-	12	-	69	-	69
31200	BOARD OF EXM ARCHITECTS	932	-	-	-	-	-	12	-	70	-	70
31205	KY LANDSCAPE ARCH REG BD	127	-	-	-	-	-	2	-	10	-	10
31215	BD EXAMINERS OF SOCIAL WK	603	-	-	-	-	-	8	-	46	-	46
31225	BD OF HAIRDRESSERS/CSMTG	2,465	-	-	-	-	-	32	-	186	-	186
31245	BD OF MEDICAL LICENSURE	3,803	-	-	-	-	-	49	-	287	-	287
31250	BOARD OF NURSING	11,960	-	-	-	-	-	154	-	904	-	904
31260	BOARD OF OPTOMETRIC EXM	374	-	-	-	-	-	5	-	28	-	28
31263	KY RESPIRATORY CARE BD	464	-	-	-	-	-	6	-	35	-	35
31268	PERSONNEL BOARD	1,923	-	-	-	-	-	25	-	145	-	145
31270	KY BOARD OF PHARMACY	4,030	-	-	-	-	-	52	-	305	-	305
31275	BD OF PHYSICAL THERAPY	472	-	-	-	-	-	6	-	36	-	36
31284	BOARD OF REAL ESTATE APPR	1,268	-	-	-	-	-	16	-	96	-	96
31290	BD OF PROF ENGINEERS & L.A	3,064	-	-	-	-	-	39	-	232	-	232
31345	SCHOOL FAC CONSTR COMM	1,001	-	-	-	-	-	13	-	76	-	76
31354	EXECUTIVE BRANCH ETH COMM	1,451	-	-	-	-	-	19	-	110	-	110
31370	COMMISSION ON HUMAN RIGHT	6,107	-	-	-	-	-	78	-	462	-	462
31395	COMMISSION- REAL ESTATE	3,466	-	-	-	-	-	45	-	262	-	262
31400	COMMISSION ON WOMEN	934	-	-	-	-	-	12	-	71	-	71
31415	KY COUNCIL POSTSEC EDUCAT	15,244	-	-	-	-	-	196	-	1,152	-	1,152
31765	OFFICE OF STATE BUD DIREC	8,991	-	-	-	-	-	116	-	680	-	680
35605	TRAN OFF OF THE SECRETARY	18,759	-	-	-	-	-	241	-	1,418	-	1,418
35609	TRAN OFFICE OF LEGAL SVC	13,807	-	-	-	-	-	177	-	1,043	-	1,043
35615	DIVISION OF FACILITY MANA	7,189	-	-	-	-	-	170	-	1,001	-	1,001
35616	TRAN DEPT OF AVIATION	9,932	-	-	-	-	-	92	-	543	-	543
35617	TRAN OFFICE OF PERSONNEL	13,256	-	-	-	-	-	128	-	751	-	751
35618	OFFICE OF INFORMAT TECHNO	11,441	-	-	-	-	-	147	-	1,002	-	1,002
35619	OFFICE OF AUDITS	4,765	-	-	-	-	-	61	-	360	-	360
35625	DOT PAYROLL DIVISION	856,667	-	-	-	-	-	11,010	-	64,743	-	64,743
35628	TRAN DEPT OF HIGHWAYS	5,145	-	-	-	-	-	66	-	389	-	389
35630	TRAN DEPT OF INTERGOV PRO	44,791	-	-	-	-	-	576	-	3,385	-	3,385
35635	TRAN DEPT OF VEH REGULAT	22,795	-	-	-	-	-	293	-	1,723	-	1,723
3801	EDEV OFF OF THE SECRETARY- KENTUCKY STATE UNIVERSITY	28,555	-	-	-	-	-	367	-	2,158	-	2,158
39075	KHEAA-DIV OF FINANCIAL AF	9,095	-	-	-	-	-	117	-	687	-	687



Employer Code	Non-Hazardous Employers	Deferred Outflows of Resources				Deferred Inflows of Resources				Pension Expense			
		Net Pension Liability	Difference between Expected & Actual Experience	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Proportionate Share of Outflows of Resources	Difference between Expected & Actual Experience	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Proportionate Share of Contributions	Total Inflows of Resources	Deferred Amounts from Changes in Proportion & Difference Between Employer Contributions & Proportionate Share of Pension Contributions	Total Employer Pension Expense
39079	COMMONWEALTH OF TECHNOL	146,916	-	-	-	-	1,888	-	-	-	1,888	11,103	11,103
39084	KY RIVER AUTHORITY	2,415	-	-	-	-	31	-	-	-	31	182	182
39103	OFFICE OF PVAIS	156,953	-	-	-	-	2,017	-	-	-	2,017	11,862	11,862
39130	DEPT OF REVENUE	195,698	-	-	-	-	2,515	-	-	-	2,515	14,790	14,790
39750	OFFICE OF SECRETARY	34,506	-	-	-	-	443	-	-	-	443	2,608	2,608
39758	OFF OF THE CONTROLLER	20,604	-	-	-	-	265	-	-	-	265	1,557	1,557
39785	DEPT FACILITIES SUPP SVCS	58,769	-	-	-	-	755	-	-	-	755	4,442	4,442
50235	KY STATE FAIR BOARD	49,277	-	-	-	-	633	-	-	-	633	3,724	3,724
50410	COMM KY HERITAGE COUNCIL	4,464	-	-	-	-	57	-	-	-	57	337	337
50529	KY ARTS COUNCIL	4,411	-	-	-	-	57	-	-	-	57	333	333
50550	KY HISTORICAL SOCIETY	12,026	-	-	-	-	155	-	-	-	155	909	909
50660	DEPT OF FISH & WILDLIFE	77,454	-	-	-	-	995	-	-	-	995	5,854	5,854
50665	COMM KY HORSE PARK	16,287	-	-	-	-	209	-	-	-	209	1,231	1,231
50670	DEPT OF PARKS	127,588	-	-	-	-	1,640	-	-	-	1,640	9,643	9,643
50850	COMM OFFICE OF SECRETARY	10,857	-	-	-	-	140	-	-	-	140	821	821
50852	KY ARTISANS CTR AT BEREA	3,206	-	-	-	-	41	-	-	-	41	242	242
50860	DEPT OF TOURISM	8,079	-	-	-	-	104	-	-	-	104	611	611
51183	EDUC PROF STANDARDS BD	4,074	-	-	-	-	52	-	-	-	52	308	308
51340	KY COMM DEAF/HARD OF HEAR	3,148	-	-	-	-	40	-	-	-	40	238	238
51407	KY ENVIRONMENTAL EDUC COU	555	-	-	-	-	7	-	-	-	7	42	42
51530	EDUC OFFICE OF SECRETARY	20,247	-	-	-	-	260	-	-	-	260	1,530	1,530
51531	DEPT WORKFORCE INVESTMENT	159,443	-	-	-	-	2,049	-	-	-	2,049	12,050	12,050
51532	KY COMM ON PROPRIETARY ED	490	-	-	-	-	6	-	-	-	6	37	37
51540	EDUC DEPT OF EDUCATION	61,602	-	-	-	-	792	-	-	-	792	4,656	4,656
51545	KY EDUCATIONAL TV AUTHOR	31,217	-	-	-	-	401	-	-	-	401	2,359	2,359
51555	KY DEPT LIBRARY & ARCHIVE	20,010	-	-	-	-	257	-	-	-	257	1,512	1,512
53713	OFFICE OF THE KY HEALTH BENEFIT EXCHANGE	6,341	-	-	-	-	81	-	-	-	81	479	479
53721	H&FS OFF OF THE SECRETARY	89,358	-	-	-	-	1,148	-	-	-	1,148	6,753	6,753
53723	OFFICE INSPECTOR GENERAL	59,249	-	-	-	-	761	-	-	-	761	4,478	4,478
53724	OFFICE OF HEALTH POLICY	2,602	-	-	-	-	33	-	-	-	33	197	197
53725	DEPT OF AGING/INDEP LIVIN	27,198	-	-	-	-	350	-	-	-	350	2,056	2,056
53727	DEPT FOR INCOME SUPPORT	97,052	-	-	-	-	1,247	-	-	-	1,247	7,335	7,335
53728	DEPT FOR PUBLIC HEALTH	98,449	-	-	-	-	1,265	-	-	-	1,265	7,440	7,440
53729	OFF HUMAN RESOURCE MANAGE	173,608	-	-	-	-	2,231	-	-	-	2,231	13,121	13,121
53730	H&FS DEPT HUMAN SUPPORT S	3,268	-	-	-	-	42	-	-	-	42	247	247
53736	H&FS DEPT FOR COMM BASE S	853,489	-	-	-	-	10,969	-	-	-	10,969	64,503	64,503
53746	DEPT FOR MEDICAID SERVICE	39,980	-	-	-	-	514	-	-	-	514	3,022	3,022
53767	COMM CHILDREN SPEC HEALTH	36,413	-	-	-	-	468	-	-	-	468	2,752	2,752
54500	J&PS OFF OF SECRETARY	27,437	-	-	-	-	353	-	-	-	353	2,074	2,074
54515	DEPT OF PUBLIC ADVOCACY	125,205	-	-	-	-	1,609	-	-	-	1,609	9,463	9,463
54520	J&PS DEPT OF KY STATE POL	161,719	-	-	-	-	2,078	-	-	-	2,078	12,222	12,222
54523	J&PS DEPT OF JUVENILE JUSTICE	263,446	-	-	-	-	3,386	-	-	-	3,386	19,910	19,910
54525	DEPT OF CRIMINAL JUST TRN	38,686	-	-	-	-	497	-	-	-	497	2,924	2,924
54527	J&PS DEPT OF CORRECTIONS	67,165	-	-	-	-	863	-	-	-	863	5,076	5,076



Employer Code	Non-Hazardous Employers	Deferred Outflows of Resources				Deferred Inflows of Resources				Pension Expense			
		Net Pension Liability	Difference between Expected & Actual Experience	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportionate Share of Contributions	Total Outflows of Resources	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportionate Share of Contributions	Total Inflows of Resources	Deferred Amounts From Changes in Proportion & Difference Between Employer Contributions & Proportionate Share of Plan Contributions	Total Employer Pension Expense
5470	KCTCS	174,855	-	-	-	-	-	2,247	-	-	2,247	13,215	13,215
55790	OFFICE OF THE SECRETARY	23,228	-	-	-	-	-	299	-	-	299	1,755	1,755
55793	DEPT PERSONNEL ADMIN	24,365	-	-	-	-	-	313	-	-	313	1,841	1,841
55794	DEPT FOR EMPLOYEE INS	12,111	-	-	-	-	-	156	-	-	156	915	915
56102	OFFICE OF THE SECRETARY	10,066	-	-	-	-	-	129	-	-	129	761	761
56106	DEPT OF WORKPLACE STANDARD	31,459	-	-	-	-	-	404	-	-	404	2,378	2,378
56107	DEPT OF WORKERS CLAIMS	43,529	-	-	-	-	-	559	-	-	559	3,290	3,290
56113	KY OSH REVIEW COMMISSION	2,054	-	-	-	-	-	26	-	-	26	155	155
56114	WORKERS COMP FUNDING COMM	5,031	-	-	-	-	-	65	-	-	65	380	380
56115	GEN ADM PROG SUPP S SERV	14,508	-	-	-	-	-	186	-	-	186	1,096	1,096
56116	OFF OF INSPCT GEN S SVCS	1,405	-	-	-	-	-	18	-	-	18	106	106
57121	ENVIRONMENTAL QUAL COMM	517	-	-	-	-	-	7	-	-	7	39	39
57122	MINE SAFETY REV COMM	447	-	-	-	-	-	6	-	-	6	34	34
57123	KY PUBLIC SVC COMMISSION	27,241	-	-	-	-	-	350	-	-	350	2,059	2,059
57124	KY STATE NATURE PRES COMM	3,885	-	-	-	-	-	50	-	-	50	294	294
57126	OFFICE OF THE SECRETARY	16,395	-	-	-	-	-	211	-	-	211	1,239	1,239
57127	DEPT FOR ENERGY DEV & IND	4,067	-	-	-	-	-	52	-	-	52	307	307
57128	DEPT FOR NATURAL RESOURCE	158,373	-	-	-	-	-	2,035	-	-	2,035	11,969	11,969
57129	DEPT FOR ENVIRONM PROTECT	171,192	-	-	-	-	-	2,200	-	-	2,200	12,938	12,938
58175	BRD OF CLMS & CRIME VICTI	3,501	-	-	-	-	-	45	-	-	45	265	265
58300	KY BOARD OF TAX APPEALS	1,353	-	-	-	-	-	17	-	-	17	102	102
58374	KY HORSE RACING AUTHORITY	9,993	-	-	-	-	-	128	-	-	128	755	755
58675	OFFICE OF THE SECRETARY	12,743	-	-	-	-	-	164	-	-	164	963	963
58676	DEPT OF INSURANCE	27,139	-	-	-	-	-	349	-	-	349	2,051	2,051
58677	OFF OF OCCUP & PROFESSION	3,140	-	-	-	-	-	40	-	-	40	237	237
58678	KY BOXING & WRESTLING AUT	187	-	-	-	-	-	2	-	-	2	14	14
58680	DEPT OF ALCOHOL & BEVERA	6,034	-	-	-	-	-	78	-	-	78	456	456
58681	DEPT OF CHARITABLE GAMING	7,196	-	-	-	-	-	92	-	-	92	544	544
58683	DEPT OF FINANCIAL INSTITU	25,061	-	-	-	-	-	322	-	-	322	1,894	1,894
58690	DEPT OF HOUSING & BUILD C	48,974	-	-	-	-	-	629	-	-	629	3,701	3,701
7403	ASST OF COMMONWEALTH ATTY	4,031	-	-	-	-	-	52	-	-	52	305	305
7407	KENTUCKY HOUSING CORP	70,519	-	-	-	-	-	906	-	-	906	5,330	5,330
7408	FRANKLIN CO COUNCIL AGING	930	-	-	-	-	-	12	-	-	12	70	70
7409	MUN ELEC POW ASSOC OF KY	638	-	-	-	-	-	8	-	-	8	48	48
7410	COMMONWEALTH CREDIT UNION	68,828	-	-	-	-	-	885	-	-	885	5,202	5,202
7415	HIGHSCHOOL ATHLETIC ASSOC	1,563	-	-	-	-	-	20	-	-	20	118	118
7416	KY OFFICE OF BAR ADMISSIO	1,191	-	-	-	-	-	15	-	-	15	90	90
7417	KY ASSOC OF REGIONAL PROG	783	-	-	-	-	-	10	-	-	10	59	59
8201	KY RIVER COMM CARE INC	123	-	-	-	-	-	2	-	-	2	9	9
8202	NORTHERN KY REG MHMR BD	40,767	-	-	-	-	-	524	-	-	524	3,081	3,081
8204	COMMUNICARE INC	64,323	-	-	-	-	-	827	-	-	827	4,861	4,861
8205	ADANTA/BEHAVIORAL HLTH SR	47,816	-	-	-	-	-	615	-	-	615	3,614	3,614
8208	CUMBERLAND RIVER MHMR	88,177	-	-	-	-	-	1,133	-	-	1,133	6,664	6,664
8209	WESTERN KY REG MHMR ADY	28,913	-	-	-	-	-	372	-	-	372	2,185	2,185
8210	BLUEGRASS ORG	313,230	-	-	-	-	-	4,026	-	-	4,026	23,673	23,673



Employer Code	Non-Hazardous Employers	Deferred Outflows of Resources				Deferred Inflows of Resources				Pension Expense				
		Net Pension Liability	Difference Between Expected & Actual Experience	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportionate Share of Contributions	Difference Between Expected & Actual Experience	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportionate Share of Contributions	Difference Between Employer Contributions & Proportionate Share of Contributions	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Deferred Amounts from Changes in Proportionate Share of Employer Contributions
8211	PENNYROYAL REG MHMR BD	51,035	-	-	-	-	656	-	-	-	-	656	-	3,857
8213	GREEN RVR REG MHMR BD	25,796	-	-	-	-	332	-	-	-	-	332	-	1,950
8216	COMPREHEND INC REG MHMR B	20,765	-	-	-	-	267	-	-	-	-	267	-	1,569
8220	LIFESKILLS INC	53,884	-	-	-	-	693	-	-	-	-	693	-	4,072
8221	MOUNTAIN COMP CARE CENTER	41,578	-	-	-	-	534	-	-	-	-	534	-	3,142
9940	KY EMPLOYERS MUTUAL INS	80,657	-	-	-	-	1,037	-	-	-	-	1,037	-	6,096
W002	ALLEN COUNTY ATTORNEY	666	-	-	-	-	9	-	-	-	-	9	-	50
W003	ANDERSON COUNTY ATTORNEY	355	-	-	-	-	5	-	-	-	-	5	-	27
W005	BARREN COUNTY ATTORNEY	1,378	-	-	-	-	18	-	-	-	-	18	-	104
W006	BATH COUNTY ATTORNEY	563	-	-	-	-	7	-	-	-	-	7	-	43
W007	BELL COUNTY ATTORNEY	948	-	-	-	-	12	-	-	-	-	12	-	72
W008	BOONE COUNTY ATTORNEY	3,869	-	-	-	-	50	-	-	-	-	50	-	292
W011	BOYLE COUNTY ATTORNEY	167	-	-	-	-	2	-	-	-	-	2	-	13
W015	BULLITT COUNTY ATTORNEY	2,065	-	-	-	-	27	-	-	-	-	27	-	156
W021	CARROLL COUNTY ATTORNEY	571	-	-	-	-	7	-	-	-	-	7	-	43
W022	CHILD SUPPORT ENFORCEMENT	336	-	-	-	-	4	-	-	-	-	4	-	25
W023	CASEY COUNTY ATTORNEY	349	-	-	-	-	4	-	-	-	-	4	-	26
W025	CLARK COUNTY ATTORNEY	1,008	-	-	-	-	13	-	-	-	-	13	-	76
W028	CRITTENDEN CO ATTORNEY	346	-	-	-	-	4	-	-	-	-	4	-	26
W030	DAVISS COUNTY ATTORNEY	326	-	-	-	-	4	-	-	-	-	4	-	25
W036	FLOYD COUNTY ATTORNEY	2,251	-	-	-	-	29	-	-	-	-	29	-	170
W037	FRANKLIN COUNTY ATTORNEY	1,603	-	-	-	-	21	-	-	-	-	21	-	121
W040	GARRARD COUNTY ATTORNEY	494	-	-	-	-	6	-	-	-	-	6	-	37
W041	GRANT COUNTY CHILD SUPPOR	170	-	-	-	-	2	-	-	-	-	2	-	13
W042	GRAVES COUNTY ATTORNEY	1,207	-	-	-	-	16	-	-	-	-	16	-	91
W046	HANCOCK COUNTY ATTORNEY	137	-	-	-	-	2	-	-	-	-	2	-	10
W049	HARRISON COUNTY ATTORNEY	601	-	-	-	-	8	-	-	-	-	8	-	45
W053	HICKMAN COUNTY ATTORNEY	129	-	-	-	-	2	-	-	-	-	2	-	10
W054	HOPKINS COUNTY ATTORNEY	1,759	-	-	-	-	23	-	-	-	-	23	-	133
W055	JACKSON COUNTY ATTORNEY	45	-	-	-	-	1	-	-	-	-	1	-	3
W056	JEFFERSON CO ATTORNEY	3,056	-	-	-	-	39	-	-	-	-	39	-	231
W062	LARUE COUNTY ATTORNEY	590	-	-	-	-	8	-	-	-	-	8	-	45
W063	LAUREL COUNTY ATTORNEY	135	-	-	-	-	2	-	-	-	-	2	-	10
W065	LEE COUNTY ATTORNEY	348	-	-	-	-	4	-	-	-	-	4	-	26
W073	MCCRACKEN COUNTY ATTORNEY	307	-	-	-	-	4	-	-	-	-	4	-	23
W074	MCCREARY COUNTY ATTORNEY	828	-	-	-	-	11	-	-	-	-	11	-	63
W076	MADISON COUNTY ATTORNEY	2,541	-	-	-	-	33	-	-	-	-	33	-	192
W077	MAGOFFIN CO ATTORNEY	462	-	-	-	-	6	-	-	-	-	6	-	35
W082	MADE COUNTY ATTORNEY	664	-	-	-	-	9	-	-	-	-	9	-	50
W083	MENEFEE COUNTY ATTORNEY	89	-	-	-	-	1	-	-	-	-	1	-	7
W084	MERCER COUNTY ATTORNEY	125	-	-	-	-	2	-	-	-	-	2	-	9
W087	MONTGOMERY CO ATTORNEY	702	-	-	-	-	9	-	-	-	-	9	-	53
W088	MORGAN COUNTY ATTORNEY	586	-	-	-	-	8	-	-	-	-	8	-	44
W093	OLDHAM COUNTY ATTORNEY	1,276	-	-	-	-	16	-	-	-	-	16	-	96
W094	OWEN COUNTY ATTORNEY	338	-	-	-	-	4	-	-	-	-	4	-	26



Employer Code	Net Pension Liability	Deferred Outflows of Resources				Deferred Inflows of Resources				Pension Expense		
		Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportion & Differences Between Employer Contributions & Proportionate Share of Outflows of Resources	Total Deferred Outflows of Resources	Net Diff Between Projected & Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportion & Differences Between Employer Contributions & Proportionate Share of Inflows of Resources	Total Deferred Inflows of Resources	Share of Plan Pension Expense	Proportionate Share of Employer Pension Expense	
W096	272	-	-	-	-	-	-	-	-	21	-	21
PENDLETON COUNTY ATTORNEY	1,697	-	-	-	-	-	-	-	-	128	-	128
W100	742	-	-	-	-	-	-	-	-	56	-	56
PULASKI COUNTY ATTORNEY	657	-	-	-	-	-	-	-	-	8	-	8
W102	483	-	-	-	-	-	-	-	-	36	-	36
ROCKCASTLE CO ATTORNEY	309	-	-	-	-	-	-	-	-	23	-	23
W103	263	-	-	-	-	-	-	-	-	20	-	20
ROWAN COUNTY ATTORNEY	130	-	-	-	-	-	-	-	-	10	-	10
SHELBY COUNTY ATTORNEY	601	-	-	-	-	-	-	-	-	45	-	45
SIMPSON COUNTY ATTORNEY	189	-	-	-	-	-	-	-	-	14	-	14
W106	587	-	-	-	-	-	-	-	-	44	-	44
SPENCER COUNTY ATTORNEY	548	-	-	-	-	-	-	-	-	41	-	41
W107	1,079	-	-	-	-	-	-	-	-	82	-	82
TODD COUNTY ATTORNEY	1,029	-	-	-	-	-	-	-	-	78	-	78
W108	221	-	-	-	-	-	-	-	-	17	-	17
TODD COUNTY ATTORNEY	8,971,819	-	-	-	-	-	-	-	-	678,053	-	678,053
W109		-	-	-	-	-	-	-	-		-	
TRIGG COUNTY ATTORNEY		-	-	-	-	-	-	-	-		-	
W110		-	-	-	-	-	-	-	-		-	
TRIMBLE COUNTY ATTORNEY		-	-	-	-	-	-	-	-		-	
W111		-	-	-	-	-	-	-	-		-	
UNION COUNTY ATTORNEY		-	-	-	-	-	-	-	-		-	
W112		-	-	-	-	-	-	-	-		-	
WEBSTER COUNTY ATTORNEY		-	-	-	-	-	-	-	-		-	
W113		-	-	-	-	-	-	-	-		-	
WHITLEY COUNTY ATTORNEY		-	-	-	-	-	-	-	-		-	
W114		-	-	-	-	-	-	-	-		-	
WHITLEY COUNTY ATTORNEY		-	-	-	-	-	-	-	-		-	
W115		-	-	-	-	-	-	-	-		-	
WHITLEY COUNTY ATTORNEY		-	-	-	-	-	-	-	-		-	
W116		-	-	-	-	-	-	-	-		-	
WHITLEY COUNTY ATTORNEY		-	-	-	-	-	-	-	-		-	
W117		-	-	-	-	-	-	-	-		-	
WHITLEY COUNTY ATTORNEY		-	-	-	-	-	-	-	-		-	
W118		-	-	-	-	-	-	-	-		-	
WHITLEY COUNTY ATTORNEY		-	-	-	-	-	-	-	-		-	
X034		-	-	-	-	-	-	-	-		-	
FAYETTE CO ATTORNEY OFF		-	-	-	-	-	-	-	-		-	
X059		-	-	-	-	-	-	-	-		-	
KENTON COUNTY ATTORNEY		-	-	-	-	-	-	-	-		-	
Total All Entities	8,971,819	-	-	-	-	-	-	-	-	115,304	-	115,304
		-	-	-	-	-	-	-	-	678,053	-	678,053



Hazardous Employers	Employer Code	Net Pension Liability	Deferred Outflows of Resources				Deferred Inflows of Resources				Pension Expense		
			Net Diff Between Projected & Actual Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportionate Share of Contributions	Total Deferred Outflows of Resources	Difference Between Expected & Actual Experience	Net Diff Between Projected & Actual Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Pension Plan Contributions	Deferred Amounts from Changes in Proportionate Share of Pension Plan Contributions
MOREHEAD STATE UNIVERSITY	1440	\$1,009	\$-	\$-	\$-	\$-	\$133	\$-	\$-	\$133	\$70	\$-	\$70
MURRAY STATE UNIV	1445	1,035	-	-	-	-	-137	-	-	-137	72	-	72
NORTHERN KY UNIVERSITY	1450	1,059	-	-	-	-	140	-	-	140	74	-	74
WESTERN KENTUCKY UNIV	1465	2,189	-	-	-	-	289	-	-	289	153	-	153
UNIFIED PROSECUTORIAL SYS	31030	73	-	-	-	-	10	-	-	10	5	-	5
ATTORNEY GENERALS OFFICE	31040	2,348	-	-	-	-	310	-	-	310	164	-	164
DEPT MILITARY AFFAIRS	31095	2,921	-	-	-	-	386	-	-	386	204	-	204
TRAN DEPT OF AVIATION	35615	282	-	-	-	-	37	-	-	37	20	-	20
COMMONWEALTH OF TECHNOL	39079	1,153	-	-	-	-	152	-	-	152	80	-	80
DEPT OF FISH & WILDLIFE	50660	10,725	-	-	-	-	1,416	-	-	1,416	749	-	749
COMM KY HORSE PARK	50665	535	-	-	-	-	71	-	-	71	37	-	37
DEPT OF PARKS	50670	2,185	-	-	-	-	289	-	-	289	152	-	152
OFF HUMAN RESOURCE MANAGE	53729	6,663	-	-	-	-	880	-	-	880	465	-	465
I&PS DEPT OF KY STATE POL	54520	12,341	-	-	-	-	1,630	-	-	1,630	861	-	861
I&PS DEPT OF CORRECTIONS	54527	207,276	-	-	-	-	27,373	-	-	27,373	14,467	-	14,467
DEPT OF INSURANCE	58676	706	-	-	-	-	93	-	-	93	49	-	49
DEPT OF ALCOHOL & BEVERA	58680	2,869	-	-	-	-	379	-	-	379	200	-	200
Total All Employers		\$255,366	\$-	\$-	\$-	\$-	\$33,724	\$-	\$-	\$33,724	\$17,824	\$-	\$17,824



SCHEDULE C

SUMMARY OF MAIN BENEFIT AND CONTRIBUTION PROVISIONS

This schedule summarizes the major retirement benefit provisions of KERS included in the valuation. It is not intended to be, nor should it be interpreted as, a complete statement of all plan provisions.

Plan Year: July 1 through June 30

Non-Hazardous Normal Retirement:

Members whose participation began before 8/1/2004

Age Requirement

65

Service Requirement

At least one month of non-hazardous duty service credit

Amount

If a member has at least 48 months of service, the monthly benefit is 1.97% times final average compensation times years of service. For members who were participants in any one of the state retirement systems from January 1, 1998 through January 1, 1999, the benefit factor is 2.00%. For those members who retired between January 1, 1999 and January 31, 2009 with at least 240 months of service, the benefit factor is 2.20%.

Final compensation is calculated by taking the average of the highest five (5) fiscal years of salary. If the number of months of service credit during the five (5) year period is less than forty-eight (48), one (1) or more additional fiscal years shall be used.

If a member has less than 48 months of service, the monthly benefit is the actuarial equivalent of two times the member's contributions with interest.

Members whose participation began on or after 8/1/2004, but before 9/1/2008

Age Requirement

65

Service Requirement

At least one month of non-hazardous duty service credit

Amount

If a member has at least 48 months of service, the monthly benefit is 2.00% multiplied by final average compensation, multiplied by years of service.



Final compensation is calculated by taking the average of the highest five (5) fiscal years of salary. If the number of months of service credit during the five (5) year period is less than forty-eight (48), one (1) or more additional fiscal years shall be used.

If a member has less than 48 months of service, the monthly benefit is the actuarial equivalent of two times the member's contributions with interest.

Members whose participation began on or after 9/1/2008 but before 1/1/2014

Requirement

Age 65 with 60 months of non-hazardous duty service credit, or age 57 if age plus service equals at least 87.

Amount

The monthly benefit is the following benefit factor based on service credit at retirement plus 2.00% for each year of service greater than 30 years, multiplied by final average compensation, multiplied by years of service.

Service Credit	Benefit Factor
10 years or less	1.10%
10+ – 20 years	1.30%
20+ – 26 years	1.50%
26+ – 30 years	1.75%

Final compensation is calculated by taking the average of the last (not highest) five (5) complete fiscal years of salary. Each fiscal year used to determine final compensation must contain twelve (12) months of service credit.

Members whose participation began on or after 1/1/2014

Requirement

Age 65 with 60 months of non-hazardous duty service credit, or age 57 if age plus service equals at least 87.

Amount

Each year that a member is an active contributing member to the System, the member and the member's employer will contribute 5.00% and 4.00% of creditable compensation respectively into a hypothetical account. This hypothetical account will earn interest annually on both the member's and employer's contribution at a minimum rate of 4%. If the System's geometric average net investment return for the previous five years exceeds 4%, then the hypothetical account will be credited with an



additional amount of interest equal to 75% of the amount of the return which exceeds 4%. All interest credits will be applied to the hypothetical account balance on June 30 based on the account balance as of June 30 of the previous year.

Upon retirement the hypothetical account which includes member contributions, employer contributions and interest credits can be withdrawn from the System as a lump sum or annuitized into a single life annuity option.

Hazardous Normal Retirement:

Members whose participation began before 9/1/2008

Age Requirement

55

Service Requirement

At least one month of hazardous duty service credit

Amount

If a member has at least 60 months of service, the monthly benefit is 2.49% multiplied by final average compensation, multiplied by years of service.

Final compensation is calculated by taking the average of the highest three (3) fiscal years of salary. If the number of months of service credit during the three (3) year period is less than twenty-four (24), one (1) or more additional fiscal years shall be used.

If a member has less than 60 months of service, the monthly benefit is the actuarial equivalent of two times the member's contributions with interest.

Members whose participation began on or after 9/1/2008 but before 1/1/2014

Age Requirement

60

Service Requirement

At least 60 months of hazardous duty service credit

Amount

The monthly benefit is the following benefit factor based on service credit at retirement, multiplied by final average compensation, multiplied by years of service.

Service Credit	Benefit Factor
10 years or less	1.30%
10+ – 20 years	1.50%
20+ – 25 years	2.25%
25+ years	2.50%



Final compensation is calculated by taking the average of the highest three (3) complete fiscal years of salary. Each fiscal year used to determine final compensation must contain twelve (12) months of service credit.

Members whose participation began on or after 1/1/2014

Age Requirement 60

Service Requirement At least 60 months of hazardous duty service credit or 25 or more years of service, with no age requirement

Amount Each year that a member is an active contributing member to the System, the member and the member's employer will contribute 8.00% and 7.50% of creditable compensation respectively into a hypothetical account. This hypothetical account will earn interest annually on both the member's and employer's contribution at a minimum rate of 4%. If the System's geometric average net investment return for the previous five years exceeds 4%, then the hypothetical account will be credited with an additional amount of interest equal to 75% of the amount of the return which exceeds 4%. All interest credits will be applied to the hypothetical account balance on June 30 based on the account balance as of June 30 of the previous year.

Upon retirement the hypothetical account which includes member contributions, employer contributions and interest credits can be withdrawn from the System as a lump sum or annuitized into a single life annuity option.

Non-Hazardous Early Retirement:

Members whose participation began before 9/1/2008

Requirement Age 55 with 60 months of service or any age with 25 years of service.

Amount Normal retirement benefit reduced by 6.5% per year for the first five years and 4.5% per year for the next five years for each year the member is younger than age 65 or has less than 27 years of service, whichever is smaller.



Members whose participation began on or after 9/1/2008 but before 1/1/2014

Requirement Age 60 with 10 years of service.

Amount Normal retirement benefit reduced by 6.5% per year for the first five years and 4.5% per year for the next five years for each year the member is younger than age 65, or does not meet the rule of 87 (age plus service) and is younger than age 57, whichever is smaller.

Hazardous Early Retirement:

Members whose participation began before 9/1/2008

Requirement Age 50 with 15 years of service or any age with 20 years service.

Amount Normal retirement benefit reduced by 6.5% per year for the first five years and 4.5% per year for the next five years for each year the member is younger than age 55 or has less than 20 years service, whichever is smaller.

Members whose participation began on or after 9/1/2008 but before 1/1/2014

Requirement Age 50 with 15 years of service or any age with 25 years service.

Amount Normal retirement benefit reduced by 6.5% per year for the first five years and 4.5% per year for the next five years for each year the member is younger than age 60 or has less than 25 years service, whichever is smaller.

Non-Hazardous Disability:

Age Requirement None

Service Requirement 60 months

Members whose participation began before 8/1/2004

Normal retirement benefit except that service credit will be added to total service for the period from the last day of plan employment to the member's 65th birthday or until the combined total service as of the last day of paid employment and added service equals 25 years. The total amount of service credit added shall not exceed the member's actual service credit on the last day of paid employment. For members with at least 25 years of



service but less than 27 years of service, total service shall be 27 years. For employees with 27 or more years of service credit, actual service will be used.

A contributing member in a non-hazardous position who is disabled in the line of duty is entitled to a retirement benefit of not less than 25% of the member's final monthly rate of pay plus 10% of the member's final monthly rate of pay for each dependent child. The maximum dependent child's benefit is 40% of the member's final monthly rate of pay.

Members whose participation began on or after 8/1/2004 but before 1/1/2014

Normal retirement benefit based on actual service with no penalty or, if larger, 20% of the Final Rate of Pay. May apply for disability even after normal retirement age.

Members whose participation began on or after 1/1/2014

The hypothetical account which includes member contributions, employer contributions and interest credits can be withdrawn from the System as a lump sum or an annuity equal to the larger of 20% of the member's monthly final rate of pay or the annuitized hypothetical account into a single life annuity option.

Hazardous Disability:

Age Requirement

None

Service Requirement

60 months (waived if in line of duty disability)

Members whose participation began before 8/1/2004

Normal retirement benefit except if the member's total service credit is less than 20 years, service credit will be added for the period from the last day of paid employment to the member's 55th birthday.

The maximum service credit added will not exceed the total service the member had on this last day of paid employment and the maximum service credit for calculating his retirement allowance, including total service and service added will not exceed 20 years. May not apply if eligible for an unreduced retirement allowance.

A member in a hazardous position who is disabled in the line of duty is entitled to the normal retirement benefit based on years of service and final compensation



determined as of the date of disability (no penalty), except that the monthly retirement allowance payable shall not be less than 25% of the member's monthly final monthly rate of pay. Each dependent child shall receive 10% of the disabled member's monthly final rate of pay; however the total maximum dependent children's benefit shall not exceed 40% of the member's monthly final rate of pay.

Members whose participation began on or after 8/1/2004 but before 1/1/2014

Normal retirement benefit based on years of service and final compensation determined as of the date of disability (no penalty) or, if larger, 25% of the member's monthly final rate of pay. May apply for disability even after normal retirement age.

Members whose participation began on or after 1/1/2014

The hypothetical account which includes member contributions, employer contributions and interest credits can be withdrawn from the System as a lump sum or an annuity equal to the larger of 25% of the member's monthly final rate of pay or the annuitized hypothetical account into a single life annuity option.

Vesting:

Members whose participation began before 9/1/2008

Age Requirement

None

Service Requirement

60 months. Service purchased after August 1, 2004 does not count toward vesting insurance benefits. Service purchased by employees who began participating on or after August 1, 2004 does not count toward vesting retirement benefits. Recontribution of refunds and omitted service purchases are the exception to this rule for service requirement.

Amount

Normal retirement benefit deferred to normal retirement age or reduced benefit payable at early retirement age.

Normal Retirement Age

65 for non-hazardous members and 55 for hazardous members.

Members whose participation began on or after 9/1/2008 but before 1/1/2014

Age Requirement

None



Service Requirement

60 months. Service purchased after August 1, 2004 does not count toward vesting insurance benefits.

Service purchased by employees who began participating on or after August 1, 2004 does not count toward vesting retirement benefits. Recontribution of refunds and omitted service purchases are the exception to this rule for service requirement.

Amount

Normal retirement benefit deferred to normal retirement age or reduced benefit payable at early retirement age.

Normal Retirement Age

65 for non-hazardous members and 60 for hazardous members.

Members whose participation began on or after 1/1/2014

Age Requirement

None

Service Requirement

60 months.

Amount

Upon termination the hypothetical account which includes member contributions, employer contributions and interest credits can be withdrawn from the System as a lump sum or the member can elect to leave the hypothetical account balance in the System. If the member does not withdraw the account balance, it will continue to earn 4% interest. Upon reaching normal retirement age the member can apply for retirement and receive the account balance as a lump sum payment or annuitize the account balance into a single life annuity.

Pre-Retirement Death Benefit (not in line of duty):

Members whose participation began before 1/1/2014

Requirement

Eligible for Normal or Early Retirement, or any age in active employment with 60 months service, or any age and not in active employment with at least 144 months of service.

Amount

Benefit equal to the benefit the member would have received had the member retired on the day before the date of death and elected a 100% joint and survivor form. Benefit is actuarially reduced if member is less than normal retirement age at the date of death.



Members whose participation began on or after 1/1/2014

<i>Requirement</i>	60 months service
<i>Amount</i>	The maximum of the benefit equal to the benefit the member would have received had the member retired on the day before the date of death.

Spouse's Pre-Retirement Death Benefit (in line of duty):

<i>Requirement</i>	None
<i>Amount</i>	The spouse may choose (1) a \$10,000 lump sum payment and monthly payments of 25% of the member's final monthly rate of pay or (2) benefit options offered under death not in line of duty.

Dependent Non-Spouse's Death Benefit (in line of duty) – Hazardous Plan:

<i>Requirement</i>	None
<i>Amount</i>	The non-spouse may choose (1) a \$10,000 lump sum payment or (2) benefit options offered under death not in line of duty.

Dependent Child's Death Benefit (in line of duty):

<i>Requirement</i>	None
<i>Amount</i>	10% of member's final monthly rate of pay. Dependent child payments cannot exceed 40% of the member's monthly final rate of pay.

Post-Retirement Death Benefit:

<i>Requirement</i>	Retired member in receipt of monthly benefit based on at least 48 months or more of combined service with KERS, CERS or SPRS.
<i>Amount</i>	\$5,000



Non-Hazardous Member Contributions:

Members whose participation began before 9/1/2008

5% of all creditable compensation. Interest paid on the members' accounts is currently 2.5% shall not be less than 2.0%. Member entitled to a full refund of contributions with interest.

Members whose participation began on or after 9/1/2008

6% of all creditable compensation, with 5% being credited to the member's account and 1% deposited to the KRS 401(h) Account. Interest paid on the members' accounts will be set at 2.5%. Member entitled to a full refund of contributions and interest in their individual account, however, the 1% contributed to the insurance fund is non-refundable.

Members whose participation began on or after 1/1/2014

6% of all creditable compensation, with 5% being credited to the member's account and 1% deposited to the KRS 401(h) Account. Member entitled to a full refund of contributions and interest on the member's portion of the hypothetical account, however, the 1% contributed to the insurance fund is non-refundable.

Hazardous Member Contributions:

Members whose participation began before 9/1/2008

8% of all creditable compensation. Interest paid on the members' accounts is currently set at 2.5% and per statute, shall not be less than 2.0%. Member entitled to a full refund of contributions with interest.

Members whose participation began on or after 9/1/2008 and up to 1/1/2014

9% of all creditable compensation, with 8% being credited to the member's account and 1% deposited to the KRS 401(h) Account. Interest paid on the members' accounts will be set at 2.5%. Member entitled to a full refund of contributions and interest in their individual account, however, the 1% contributed to the insurance fund is non-refundable.

Members whose participation began on or after 1/1/2014

9% of all creditable compensation, with 8% being credited to the member's account and 1% deposited to the KRS 401(h) Account. Member entitled to a full refund of contributions and interest on the member's portion of the hypothetical account, however, the 1% contributed to the insurance fund is non-refundable.



SCHEDULE D

STATEMENT OF ACTUARIAL ASSUMPTIONS AND METHODS

The assumptions and methods used in the valuation were based on the actuarial experience study prepared as of June 30, 2008, submitted August 14, 2009, and adopted by the Board on August 20, 2009.

INVESTMENT RATE OF RETURN: 7.75% per annum, compounded annually for retirement and insurance benefits.

SALARY INCREASES: Representative values of the assumed annual rates of future salary increases for both non-hazardous and hazardous members are as follows and include inflation at 4.50% per annum:

Service	Annual Rates of				
	Merit & Seniority		Base (Economy)	Increase Next Year	
	Non-Hazardous	Hazardous		Non-Hazardous	Hazardous
0-1	8.50%	15.50%	4.50%	13.00%	20.00%
1-2	5.00%	6.00%	4.50%	9.50%	10.50%
2-3	1.50%	2.00%	4.50%	6.00%	6.50%
3-4	1.50%	1.25%	4.50%	6.00%	5.75%
4-5	1.00%	1.00%	4.50%	5.50%	5.50%
5-6	1.00%	0.50%	4.50%	5.50%	5.00%
6-7	0.75%	0.00%	4.50%	5.25%	4.50%
7-8	0.75%	0.00%	4.50%	5.25%	4.50%
8-9	0.50%	0.00%	4.50%	5.00%	4.50%
9-10	0.50%	0.00%	4.50%	5.00%	4.50%
10 & Over	0.25%	0.00%	4.50%	4.75%	4.50%



SEPARATIONS FROM ACTIVE SERVICE: Representative values of the assumed annual rates of death, disability, withdrawal and retirement are shown in the following tables: **Non-Hazardous Members**

Age	Withdrawal and Vesting*	Death			Service Retirement**
		Male	Female	Disability	
20	5.75%	0.03%	0.01%	0.04%	
25	5.75	0.03	0.01	0.05	
30	5.30	0.04	0.02	0.06	
35	4.40	0.04	0.02	0.09	
40	3.70	0.05	0.04	0.13	
45	3.02	0.08	0.05	0.22	
50	2.70	0.13	0.07	0.37	
55	2.20	0.22	0.11	0.61	8.0%
60	0.75	0.40	0.22	0.97	10.0
65		0.73	0.43		22.0
70		1.19	0.69		22.0
75					100.0

* Select rates of withdrawal apply in the first five years of employment regardless of age. The rates are 25.0%, 14.0%, 10.0%, 8.0% and 6.5%, respectively.

** If service is at least 27 years, the rate is 30% for members participating before 9/1/2008. If age plus service is at least 87, the rate is 30% for members participating on or after 9/1/2008.



Hazardous Members

Age	Withdrawal and Vesting*	Death**			Service Retirement		
		Male	Female	Disability	Service	Rate ⁺	Rate ⁺⁺
20	3.00%	0.03%	0.01%	0.05%	20	20.0%	
25	2.70	0.03	0.01	0.07	25	33.0	20.0%
30	2.50	0.04	0.02	0.09	30	33.0	33.0
35	2.50	0.04	0.02	0.13	35	40.0	33.0
40	2.50	0.05	0.04	0.20	40		40.0
45	2.50	0.08	0.05	0.33			
50	2.50	0.13	0.07	0.56			
55		0.22	0.11	0.92			
60		0.40	0.22	1.46			

* Select rates of withdrawal apply in the first five years of employment regardless of age. The rates are 14.0%, 7.5%, 6.0%, 4.5% and 4.0%, respectively.

** 75% are presumed to be non-duty related, and 25% are assumed to be duty related.

+ Applies to members participating before 9/1/2008. The annual rate of service retirement is 100% at age 62.

++ Applies to members participating on or after 9/1/2008. The annual rate of service retirement is 100% at age 60.

DEATH AFTER RETIREMENT: The rates of mortality for the period after service retirement are according to the 1983 Group Annuity Mortality Table for all retired members and beneficiaries as of June 30, 2006 and the 1994 Group Annuity Mortality Table for all other members. The Group Annuity Mortality Table set forward 5 years is used for the period after disability retirement. There is some margin in the current mortality tables for possible future improvement in mortality rates and that margin will be reviewed again when the next experience investigation is conducted.

PERCENT MARRIED: 100% of employees are assumed to be married, with the wife 3 years younger than the husband.

DEPENDENT CHILDREN: For hazardous members' duty-related death benefits, it is assumed that the member is survived by two dependent children each age 6.

ACTUARIAL METHOD: Entry age normal cost method. Actuarial gains and losses are reflected in the unfunded actuarial accrued liability.

ASSET VALUATION METHOD: Actuarial value, as developed in Schedule B. The actuarial value of assets recognizes a portion of the difference between the market value of assets and the expected market value of assets, based on the assumed valuation rate of return. The amount recognized each year is 20% of the difference between market value and expected market value.



INVESTMENT RATE OF RETURN: 7.75% per annum, compounded annually for retirement and insurance benefits.

SALARY INCREASES: Representative values of the assumed annual rates of future salary increases for both non-hazardous and hazardous members are as follows and include inflation at 4.50% per annum:

Service	Annual Rates of				
	Merit & Seniority		Base (Economy)	Increase Next Year	
	Non-Hazardous	Hazardous		Non-Hazardous	Hazardous
0-1	12.50%	16.50%	4.50%	17.00%	21.00%
1-2	4.50%	4.50%	4.50%	9.00%	9.00%
2-3	2.00%	2.50%	4.50%	6.50%	7.00%
3-4	1.50%	2.00%	4.50%	6.00%	6.50%
4-5	1.50%	1.50%	4.50%	6.00%	6.00%
5-6	1.50%	1.00%	4.50%	6.00%	5.50%
6-7	1.00%	0.50%	4.50%	5.50%	5.00%
7-8	1.00%	0.50%	4.50%	5.50%	5.00%
8-9	1.00%	0.50%	4.50%	5.50%	5.00%
9-10	0.50%	0.50%	4.50%	5.00%	5.00%
10 & over	0.50%	0.50%	4.50%	5.00%	5.00%



SEPARATIONS FROM ACTIVE SERVICE: Representative values of the assumed annual rates of death, disability, withdrawal and retirement are shown in the following tables:

Non-Hazardous Members

Age	Withdrawal and Vesting*	Death			Disability	Service Retirement ⁺	Service Retirement ⁺⁺
		Male	Female				
20	6.00%	0.03%	0.01%	0.04%			
25	5.08	0.03	0.01	0.05			
30	4.26	0.04	0.02	0.06			
35	3.21	0.04	0.02	0.09			
40	3.00	0.05	0.04	0.13			
45	3.00	0.08	0.05	0.22			
50	3.00	0.13	0.07	0.37			
55	3.00	0.22	0.11	0.61	8.0%		
60	3.00	0.40	0.22	0.97	10.0	10.0%	
65		0.73	0.43		22.5	25.0	
70		1.19	0.69		22.5	25.0	
75					100.0	100.0	

* Select rates of withdrawal apply in the first five years of employment regardless of age. The rates are 19.0%, 13.0%, 10.0%, 9.0% and 6.5%, respectively.

+ For members participating before 9/1/2008. If service is at least 27 years, the rate is 25%.

++ For members participating on or after 9/1/2008. If age plus service is at least 87, the rate is 25%.



Hazardous Members

Age	Withdrawal and Vesting*	Death**			Service Retirement		
		Male	Female	Disability	Service	Rate ⁺	Rate ⁺⁺
20	4.00%	0.03%	0.01%	0.05%	20	22.0%	
25	4.00	0.03	0.01	0.07	25	35.0	22.0%
30	3.50	0.04	0.02	0.09	30	38.0	35.0
35	3.00	0.04	0.02	0.13	35	60.0	38.0
40	3.00	0.05	0.04	0.20	40		60.0
45	3.00	0.08	0.05	0.33			
50	3.00	0.13	0.07	0.56			
55	3.00	0.22	0.11	0.92			
60	3.00	0.40	0.22	1.46			

* Select rates of withdrawal apply in the first five years of employment regardless of age. The rates are 26.0%, 11.5%, 8.25%, 7.5% and 7.0%, respectively.

** 75% are presumed to be non-duty related, and 25% are assumed to be duty related.

+ For members participating before 9/1/2008. The annual rate of service retirement is 100% at age 65.

++ For members participating on or after 9/1/2008. The annual rate of service retirement is 100% at age 60.



DEATH AFTER RETIREMENT: The rates of mortality for the period after service retirement are according to the 1983 Group Annuity Mortality Table for all retired members and beneficiaries as of June 30, 2006, and the 1994 Group Annuity Mortality Table for all other members. The Group Annuity Mortality Table set forward 5 years is used for the period after disability retirement. There is some margin in the current mortality tables for possible future improvement in mortality rates and that margin will be reviewed again when the next experience investigation is conducted.

PERCENT MARRIED: 100% of employees are assumed to be married, with the wife 3 years younger than the husband.

DEPENDENT CHILDREN: For hazardous members' duty-related death benefits, it is assumed that the member is survived by two dependent children each age 6.

ACTUARIAL METHOD: Entry age normal cost method. Actuarial gains and losses are reflected in the unfunded actuarial accrued liability. For pre-Medicare retiree healthcare liabilities, the current premium charged by the Kentucky Employees' Health Plan (KEHP) is used as the base cost and is projected forward using the healthcare trend assumption. No implicit rate subsidy is calculated or recognized as the subsidy is the responsibility of KEHP. For the Medicare-eligible retirees, claims were analyzed and current premiums were utilized with appropriate aging factors applied.

ASSET VALUATION METHOD: For GASB 68 purposes the plan assets are equal to the market value of assets. For funding purposes, plan assets are equal to actuarial value. The actuarial value of assets recognizes a portion of the difference between the market value of assets and the expected market value of assets, based on the assumed valuation rate of return. The amount recognized each year is 20% of the difference between market value and expected market value.