

Actuarial Analysis Summary

BR or Bill Ref.	HB 182 (26 RS BR 96)	Actuarial Analysis Conducted For:			
Date:	1/22/2026	<input checked="" type="checkbox"/> KERS NH	<input type="checkbox"/> KERS Haz	<input type="checkbox"/> SPRS	<input type="checkbox"/> TRS
Actuary:	GRS	<input checked="" type="checkbox"/> CERS NH	<input type="checkbox"/> CERS Haz	<input type="checkbox"/> LRP	<input type="checkbox"/> JRP

Section I: Executive Summary

In the opinion of the actuary, this bill would make the affected state-administered retirement system(s) actuarially:

MORE SOUND LESS SOUND NO IMPACT

If actuarially MORE SOUND OR LESS SOUND, please summarize the factors leading to the actuary's opinion:

The actuarially determined contribution rate increases by 0.07% of pay for the CERS non-hazardous fund due to the proposed legislation. Additionally, the normal cost and amortization cost portions of the actuarially determined contribution for the KERS non-hazardous fund increase by 0.01% of pay and \$48,000, respectively, due to the proposed legislation. As long as employer contribution requirements are increased accordingly, we do not believe this benefit change will impact the current actuarial soundness of the funds.

Does this bill increase or decrease employer costs? INCREASE DECREASE NO IMPACT

Does this bill increase or decrease benefits? INCREASE DECREASE NO IMPACT

Does this bill increase or decrease benefit participation? INCREASE DECREASE NO IMPACT

If the bill impacts employer costs, benefits, or benefit participation, please explain and estimate the impact in Sections II and VI.

Section II: Financial Projections

	Combined Pension and Retiree Health Plan					
	CERS Non-Hazardous*		KERS Non-Hazardous*		N/A	
	Current	Proposed	Current	Proposed	Current	Proposed
Projected Employer Cost* (\$ in Millions)						
30-Yr Nominal \$	\$18,224	\$18,300	\$25,188	\$25,194	N/A	N/A
30-Yr Net Present Value \$	\$8,286	\$8,314	\$13,990	\$13,994	N/A	N/A
Proj. Normal Cost for New Hire	4.34%	4.40%	4.42%	4.43%	N/A	N/A
	of pay	of pay	of pay	of pay		

*Projected costs are for all employers and all fund sources for entire 30-year period.

Proj. normal cost is the normal cost for new hires after subtracting employee contributions.

	Pension Plan					
	CERS Non-Hazardous		KERS Non-Hazardous		N/A	
	Current	Proposed	Current	Proposed	Current	Proposed
Projected UAL (\$ in Millions)						
Baseline (Year 1)	\$6,240	\$6,242	\$12,029	\$12,030	N/A	N/A
5 Years	\$5,385	\$5,388	\$10,391	\$10,392	N/A	N/A
10 Years	\$5,025	\$5,027	\$8,819	\$8,819	N/A	N/A
20 Years	\$2,965	\$2,966	\$4,034	\$4,034	N/A	N/A
30 Years	\$0	\$0	\$0	\$0	N/A	N/A
Projected Funding Ratio (%)						
Baseline (Year 1)	61%	61%	29%	29%	N/A	N/A
5 Years	69%	69%	38%	38%	N/A	N/A
10 Years	73%	73%	46%	46%	N/A	N/A
20 Years	86%	86%	73%	73%	N/A	N/A
30 Years	100%	100%	100%	100%	N/A	N/A

	Retiree Health Plan					
	CERS Non-Hazardous		KERS Non-Hazardous		N/A	
	Current	Proposed	Current	Proposed	Current	Proposed
Projected UAL (\$ in Millions)						
Baseline (Year 1)	(\$231)	(\$231)	\$657	\$657	N/A	N/A
5 Years	(\$366)	(\$364)	\$600	\$599	N/A	N/A
10 Years	(\$256)	(\$247)	\$661	\$662	N/A	N/A
20 Years	(\$166)	(\$147)	\$541	\$541	N/A	N/A
30 Years	(\$308)	(\$282)	\$0	\$0	N/A	N/A
Projected Funding Ratio (%)						
Baseline (Year 1)	107%	107%	74%	74%	N/A	N/A
5 Years	109%	109%	77%	78%	N/A	N/A
10 Years	106%	106%	75%	75%	N/A	N/A
20 Years	103%	103%	78%	78%	N/A	N/A
30 Years	104%	104%	100%	100%	N/A	N/A

Section III: Brief Summary of Bill

The proposed legislation would allow for members in KERS and CERS employed in a non-hazardous position that could be certified as a hazardous position who become disabled as a result of a duty-related injury to receive the same minimum retirement and health insurance benefits provided to hazardous members who become disabled due to an act in the line of duty.

The minimum benefits provided under the proposed legislation are (1) a minimum monthly retirement benefit equal to 25% of the member's monthly final rate of pay, and (2) a minimum insurance benefit payable as though the member had twenty (20) years of service in a hazardous position, for members participating in the system on or after July 1, 2003.

Under current statutes, a non-hazardous member must become “totally and permanently disabled to engage in any occupation for remuneration or profit” to receive minimum duty-related disability benefits. Members employed in a position that could be certified as a hazardous position receive a minimum retirement benefit equal to 75% of monthly pay and all other non-hazardous members receive a minimum retirement benefit equal to 25% of monthly pay.

Under the proposed legislation, members employed in a position that could be certified as a hazardous position can also receive the minimum 25% of pay retirement benefit without becoming “totally and permanently” disabled so long as their duty-related disability results in an “incapacity to continue as an employee in the position that could be certified as a hazardous position”.

The proposed legislation additionally allows for members that left active service after January 1, 2022, but prior to the effective date of the proposed legislation, that could be certified as a hazardous position to apply for disability retirement benefits under the proposed legislation.

Section IV: Statement of Assumptions and Methods

Did the analysis rely solely upon the same assumptions & methods previously established and utilized by the actuary in the retirement system’s most recent actuarial valuation?

YES NO

If NO, please describe each new assumption or method utilized, the basis for selecting the revised assumption or method, and whether each new assumption or method increased or decreased projected employer costs:

The KERS and CERS non-hazardous valuations currently assume that 2% of future disabilities are considered duty-related. Based on the data provided by KPPA and the actuarial assumptions used for the hazardous valuations, the analysis assumes that an additional 2% of future disabilities for CERS non-hazardous and an additional 0.5% of future disabilities for KERS non-hazardous will be eligible as duty-related under the proposed legislation.

Section V: Comment from Actuary

We have estimated the additional liability impact of the retroactive provision to be in an increase of \$1,120,000 (\$740,000 for pension and \$380,000 for insurance) for the CERS non-hazardous funds and \$190,000 (\$140,000 for pension and \$50,000 for insurance) for the KERS non-hazardous funds. Actual liability associated with the retroactive provision could be higher or lower based on how many members apply for retroactive disability benefits. However, we believe this is a reasonable estimate of the upper bounds of the liability impact of the retroactive provision.

Section VI: Detailed Actuarial Analysis and Projections *(May be attached as Appendix)*

Please see attached.



January 22, 2026

Mr. Ryan Barrow
Executive Director
Kentucky Public Pensions Authority
1260 Louisville Road
Frankfort, KY 40601

Re: Actuarial Analysis of Proposed Legislation HB 182 (2026 RS BR 96) and its Financial Impact on the Systems Maintained by KPPA

Dear Mr. Barrow:

We have reviewed the proposed legislation HB 182 (2026 RS BR 96), and the purpose of this letter is to communicate the actuarial analysis of this proposed legislation in regards to the five Systems administered by the Kentucky Public Pensions Authority (KPPA). Note, the proposed legislation will only have a measurable fiscal impact on the Kentucky Employees Retirement System (KERS) non-hazardous funds and the County Employees Retirement System (CERS) non-hazardous funds.

Summary of Provisions of Proposed Legislation and Cost Impact

The proposed legislation would allow for members in KERS and CERS employed in a non-hazardous position that could be certified as a hazardous position who become disabled as a result of a duty-related injury to receive the same minimum retirement and health insurance benefits provided to hazardous members who become disabled due to an act in the line of duty.

The following chart provides a summary of the impact on the unfunded actuarial accrued liability and the employer contribution requirement calculated as of June 30, 2025.

Table 1. Impact on the June 30, 2025 Actuarial Valuation

Plan	Increased in the Unfunded Liability (Pension Fund)	Increased in the Unfunded Liability (Insurance Fund)	Increase in Total Contribution Requirement	Increase in Total Contribution Rate
CERS Non-Hazardous	\$2,300,000	\$610,000	\$2,382,000	0.07%
KERS Non-Hazardous	\$438,000	\$104,000	\$ 251,000	N/A

Comments Regarding the Proposed Legislation

The minimum benefits provided under the proposed legislation are:

1. A minimum monthly retirement benefit equal to 25% of the member's monthly final rate of pay, and
2. A minimum insurance benefit payable as though the member had twenty (20) years of service in a hazardous position, for members participating in the system on or after July 1, 2003.

Under current statutes, a non-hazardous member must become "totally and permanently disabled to engage in any occupation for remuneration or profit" to receive minimum duty-related disability benefits. Members employed in a position that could be certified as a hazardous position receive a minimum retirement benefit equal to 75% of monthly pay and all other non-hazardous members receive a minimum retirement benefit equal to 25% of monthly pay.

Under the proposed legislation, members employed in a position that could be certified as a hazardous position can also receive the minimum 25% of pay retirement benefit without becoming "totally and permanently" disabled so long as their duty-related disability results in an "incapacity to continue as an employee in the position that could be certified as a hazardous position".

The proposed legislation additionally allows for members that left active service after January 1, 2022, but prior to the effective date of the proposed legislation, that could be certified as a hazardous position to apply for disability retirement benefits under the proposed legislation. We have estimated the additional liability impact of this retroactive provision to be in an increase of \$1,120,000 (\$740,000 for pension and \$380,000 for insurance) for the CERS non-hazardous funds and \$190,000 (\$140,000 for pension and \$50,000 for insurance) for the KERS non-hazardous funds. Actual liability associated with the retroactive provision could be higher or lower based on how many members apply for retroactive disability benefits. However, we believe this is a reasonable estimate of the upper bounds of the liability impact of the retroactive provision.

Basis of Calculations

Except where noted, the calculations are based on the methods, assumptions, and plan provisions documented in the actuarial valuation as of June 30, 2025. The KERS and CERS non-hazardous valuations currently assume that 2% of future disabilities are considered duty-related. Based on the data provided by KPPA and the actuarial assumptions used for the hazardous valuations, the analysis assumes that an additional 2% of future disabilities for CERS non-hazardous and an additional 0.5% of future disabilities for KERS non-hazardous will be eligible as duty-related under the proposed legislation. Our calculations are based upon assumptions regarding future events, which may or may not materialize. Depending on actual plan experience, actual results could deviate significantly.



We are not attorneys, and we cannot provide a legal opinion regarding the changes in this proposed legislation. Nothing in this letter should be construed as providing legal, investment or tax advice.

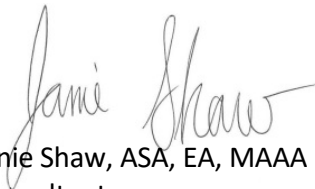
All three of the undersigned are members of the American Academy of Actuaries and meet all of the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion herein. In addition, all three are independent of KPPA and are experienced in performing valuations for large public retirement systems. This communication shall not be construed to provide tax advice, legal advice or investment advice.

Sincerely,

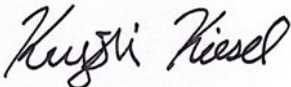
Gabriel, Roeder, Smith & Company



Daniel J. White, FSA, EA, MAAA
Senior Consultant



Janie Shaw, ASA, EA, MAAA
Consultant



Krysti Kiesel, ASA, EA, MAAA
Consultant

Actuarial Analysis of HB 182
Section 1.
Comparison of Fiscal Impact
Current Plan vs. Proposed Changes

Kentucky Public Pensions Authority
Exhibit 1-1
CERS Non-Hazardous Retirement Fund
Actuarial Analysis of HB 182
Comparison of Current Plan and Proposed Legislation
(\$ in Millions)

Fiscal Year Beginning July 1,	Unfunded Actuarial Accrued Liability			Funded Ratio			Employer Contributions			Employer Contribution Rate		
	Current	Proposed	Difference	Current	Proposed	Difference	Current	Proposed	Difference	Current	Proposed	Difference
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2025	\$ 6,240	\$ 6,242	\$ 2	61%	61%	0%	\$ 621	\$ 621	\$ -	18.6%	18.6%	0.0%
2026	6,105	6,108	3	63%	63%	0%	583	585	2	17.1%	17.2%	0.1%
2027	5,794	5,797	3	66%	66%	0%	583	584	1	16.8%	16.8%	0.0%
2028	5,540	5,544	4	68%	68%	0%	568	569	1	16.0%	16.1%	0.1%
2029	5,385	5,388	3	69%	69%	0%	558	560	2	15.5%	15.5%	0.0%
2030	5,329	5,332	3	70%	70%	0%	558	560	2	15.1%	15.2%	0.1%
2031	5,270	5,274	4	71%	71%	0%	566	567	1	15.1%	15.1%	0.0%
2032	5,201	5,204	3	71%	71%	0%	575	576	1	15.0%	15.0%	0.0%
2033	5,119	5,122	3	72%	72%	0%	583	585	2	14.9%	15.0%	0.1%
2034	5,025	5,027	2	73%	73%	0%	593	595	2	14.9%	14.9%	0.0%
2035	4,916	4,918	2	74%	74%	0%	603	605	2	14.8%	14.9%	0.1%
2036	4,792	4,793	1	75%	75%	0%	614	616	2	14.8%	14.8%	0.0%
2037	4,650	4,652	2	76%	76%	0%	625	627	2	14.8%	14.8%	0.0%
2038	4,492	4,493	1	77%	77%	0%	636	638	2	14.7%	14.8%	0.1%
2039	4,313	4,314	1	78%	78%	0%	648	650	2	14.7%	14.8%	0.1%
2040	4,114	4,115	1	80%	80%	0%	653	654	1	14.5%	14.6%	0.1%
2041	3,900	3,902	2	81%	81%	0%	701	702	1	15.3%	15.3%	0.0%
2042	3,627	3,627	-	83%	83%	0%	677	679	2	14.5%	14.5%	0.0%
2043	3,363	3,363	-	84%	84%	0%	794	795	1	16.7%	16.7%	0.0%
2044	2,965	2,966	1	86%	86%	0%	818	820	2	16.8%	16.9%	0.1%
2045	2,521	2,521	-	89%	89%	0%	870	872	2	17.6%	17.6%	0.0%
2046	1,997	1,997	-	91%	91%	0%	897	899	2	17.7%	17.8%	0.1%
2047	1,414	1,415	1	94%	94%	0%	948	951	3	18.4%	18.4%	0.0%
2048	746	747	1	97%	97%	0%	992	994	2	18.9%	18.9%	0.0%
2049	-	-	-	100%	100%	0%	218	220	2	4.1%	4.1%	0.0%
2050	-	-	-	100%	100%	0%	223	225	2	4.1%	4.1%	0.0%
2051	-	-	-	100%	100%	0%	227	229	2	4.1%	4.1%	0.0%
2052	-	-	-	100%	100%	0%	232	235	3	4.1%	4.1%	0.0%
2053	-	-	-	100%	100%	0%	237	239	2	4.1%	4.1%	0.0%
2054	-	-	-	100%	100%	0%	242	244	2	4.1%	4.1%	0.0%



Kentucky Public Pensions Authority
Exhibit 1-2
KERS Non-Hazardous Retirement Fund
Actuarial Analysis of HB 182
Comparison of Current Plan and Proposed Legislation
(\$ in Millions)

Fiscal Year Beginning July 1,	Unfunded Actuarial Accrued Liability			Funded Ratio			Employer Contributions (incl Normal Cost)			Amortization Cost		
	Current	Proposed	Difference	Current	Proposed	Difference	Current	Proposed	Difference	Current	Proposed	Difference
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2025	\$ 12,029	\$ 12,030	\$ 1	29%	29%	0%	\$ 996	\$ 996	\$ -	\$ 855	\$ 855	\$ -
2026	11,436	11,437	1	32%	32%	0%	965	966	1	831	831	-
2027	11,080	11,081	1	34%	34%	0%	965	966	1	831	831	-
2028	10,722	10,721	(1)	36%	36%	0%	946	946	-	818	818	-
2029	10,391	10,392	1	38%	38%	0%	946	946	-	818	818	-
2030	10,098	10,098	-	40%	40%	0%	927	928	1	805	805	-
2031	9,803	9,803	-	41%	41%	0%	927	928	1	805	805	-
2032	9,491	9,492	1	43%	43%	0%	923	923	-	805	805	-
2033	9,163	9,164	1	44%	44%	0%	923	923	-	805	805	-
2034	8,819	8,819	-	46%	46%	0%	919	919	-	805	805	-
2035	8,456	8,456	-	48%	48%	0%	919	919	-	805	805	-
2036	8,073	8,074	1	50%	50%	0%	916	916	-	805	805	-
2037	7,671	7,671	-	52%	52%	0%	916	916	-	805	805	-
2038	7,248	7,248	-	54%	54%	0%	914	914	-	805	805	-
2039	6,803	6,803	-	56%	56%	0%	914	914	-	805	805	-
2040	6,334	6,335	1	59%	59%	0%	915	915	-	808	808	-
2041	5,839	5,838	(1)	62%	62%	0%	945	945	-	837	837	-
2042	5,286	5,286	-	65%	65%	0%	949	949	-	843	843	-
2043	4,699	4,698	(1)	69%	69%	0%	995	995	-	889	889	-
2044	4,034	4,034	-	73%	73%	0%	995	995	-	890	890	-
2045	3,333	3,333	-	78%	78%	0%	1,018	1,018	-	913	913	-
2046	2,571	2,571	-	83%	83%	0%	1,021	1,021	-	916	916	-
2047	1,766	1,766	-	88%	88%	0%	1,030	1,030	-	925	925	-
2048	910	910	-	94%	94%	0%	1,037	1,037	-	933	933	-
2049	-	-	-	100%	100%	0%	104	104	-	-	-	-
2050	-	-	-	100%	100%	0%	104	104	-	-	-	-
2051	-	-	-	100%	100%	0%	104	104	-	-	-	-
2052	-	-	-	100%	100%	0%	103	104	1	-	-	-
2053	-	-	-	100%	100%	0%	103	104	1	-	-	-
2054	-	-	-	100%	100%	0%	103	103	-	-	-	-



Kentucky Public Pensions Authority
Exhibit 1-3
CERS Non-Hazardous Insurance Fund
Actuarial Analysis of HB 182
Comparison of Current Plan and Proposed Legislation
(\$ in Millions)

Fiscal Year Beginning July 1,	Unfunded Actuarial Accrued Liability			Funded Ratio			Employer Contributions			Employer Contribution Rate		
	Current	Proposed	Difference	Current	Proposed	Difference	Current	Proposed	Difference	Current	Proposed	Difference
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2025	\$ (231)	\$ (231)	\$ -	107%	107%	0%	\$ -	\$ -	\$ -	0.0%	0.0%	0.0%
2026	(224)	(223)	1	106%	106%	0%	10	10	-	0.3%	0.3%	0.0%
2027	(304)	(302)	2	108%	108%	0%	3	4	1	0.1%	0.1%	0.0%
2028	(354)	(352)	2	109%	109%	0%	-	-	-	0.0%	0.0%	0.0%
2029	(366)	(364)	2	109%	109%	0%	-	-	-	0.0%	0.0%	0.0%
2030	(344)	(342)	2	108%	108%	0%	-	-	-	0.0%	0.0%	0.0%
2031	(323)	(318)	5	108%	108%	0%	-	-	-	0.0%	0.0%	0.0%
2032	(301)	(296)	5	107%	107%	0%	-	-	-	0.0%	0.0%	0.0%
2033	(279)	(272)	7	106%	106%	0%	-	-	-	0.0%	0.0%	0.0%
2034	(256)	(247)	9	106%	106%	0%	-	-	-	0.0%	0.0%	0.0%
2035	(231)	(222)	9	105%	105%	0%	-	-	-	0.0%	0.0%	0.0%
2036	(207)	(196)	11	104%	104%	0%	-	-	-	0.0%	0.0%	0.0%
2037	(180)	(167)	13	104%	104%	0%	-	-	-	0.0%	0.0%	0.0%
2038	(151)	(137)	14	103%	103%	0%	-	-	-	0.0%	0.0%	0.0%
2039	(121)	(105)	16	103%	102%	-1%	-	-	-	0.0%	0.0%	0.0%
2040	(88)	(71)	17	102%	101%	-1%	-	-	-	0.0%	0.0%	0.0%
2041	(53)	(34)	19	101%	101%	0%	-	-	-	0.0%	0.0%	0.0%
2042	(17)	6	23	100%	100%	0%	109	112	3	2.4%	2.4%	0.0%
2043	(89)	(68)	21	102%	101%	-1%	109	112	3	2.3%	2.4%	0.1%
2044	(166)	(147)	19	103%	103%	0%	96	99	3	2.0%	2.1%	0.1%
2045	(235)	(216)	19	104%	104%	0%	50	54	4	1.0%	1.1%	0.1%
2046	(261)	(242)	19	105%	104%	-1%	55	58	3	1.1%	1.2%	0.1%
2047	(292)	(276)	16	105%	105%	0%	69	72	3	1.4%	1.4%	0.0%
2048	(339)	(325)	14	106%	105%	-1%	80	83	3	1.5%	1.6%	0.1%
2049	(402)	(389)	13	107%	106%	-1%	-	-	-	0.0%	0.0%	0.0%
2050	(386)	(371)	15	106%	106%	0%	-	-	-	0.0%	0.0%	0.0%
2051	(369)	(350)	19	106%	105%	-1%	-	-	-	0.0%	0.0%	0.0%
2052	(350)	(329)	21	105%	105%	0%	-	-	-	0.0%	0.0%	0.0%
2053	(329)	(307)	22	105%	105%	0%	-	-	-	0.0%	0.0%	0.0%
2054	(308)	(282)	26	104%	104%	0%	-	-	-	0.0%	0.0%	0.0%



Kentucky Public Pensions Authority
Exhibit 1-4
KERS Non-Hazardous Insurance Fund
Actuarial Analysis of HB 182
Comparison of Current Plan and Proposed Legislation
(\$ in Millions)

Fiscal Year Beginning July 1,	Unfunded Actuarial Accrued Liability			Funded Ratio			Employer Contributions (incl Normal Cost)			Amortization Cost		
	Current	Proposed	Difference	Current	Proposed	Difference	Current	Proposed	Difference	Current	Proposed	Difference
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2025	\$ 657	\$ 657	\$ -	74%	74%	0%	\$ 31	\$ 31	\$ -	\$ 2	\$ 2	\$ -
2026	686	686	-	73%	73%	0%	60	60	-	37	37	-
2027	644	644	-	75%	75%	0%	60	60	-	37	37	-
2028	611	612	1	77%	77%	0%	49	49	-	32	32	-
2029	600	599	(1)	77%	78%	1%	49	49	-	32	32	-
2030	606	606	-	77%	77%	0%	39	39	-	26	26	-
2031	619	618	(1)	77%	77%	0%	39	39	-	26	26	-
2032	632	632	-	76%	76%	0%	36	36	-	26	26	-
2033	646	646	-	76%	76%	0%	36	36	-	26	26	-
2034	661	662	1	75%	75%	0%	33	33	-	26	26	-
2035	677	677	-	74%	74%	0%	33	33	-	26	26	-
2036	695	695	-	73%	73%	0%	31	31	-	26	26	-
2037	713	713	-	72%	72%	0%	31	31	-	26	26	-
2038	732	732	-	71%	71%	0%	30	30	-	26	26	-
2039	753	754	1	70%	70%	0%	30	30	-	26	26	-
2040	775	775	-	69%	69%	0%	51	51	-	49	49	-
2041	775	775	-	69%	69%	0%	67	67	-	64	64	-
2042	760	759	(1)	69%	69%	0%	151	151	-	149	149	-
2043	656	656	-	73%	73%	0%	155	155	-	153	153	-
2044	541	541	-	78%	78%	0%	144	144	-	143	143	-
2045	428	428	-	83%	83%	0%	119	119	-	117	117	-
2046	335	335	-	86%	86%	0%	120	120	-	119	119	-
2047	234	234	-	91%	91%	0%	124	124	-	123	123	-
2048	122	123	1	95%	95%	0%	127	127	-	127	127	-
2049	-	-	-	100%	100%	0%	1	1	-	-	-	-
2050	-	-	-	100%	100%	0%	-	-	-	-	-	-
2051	-	-	-	100%	100%	0%	-	-	-	-	-	-
2052	-	-	-	100%	100%	0%	-	-	-	-	-	-
2053	-	-	-	100%	100%	0%	-	-	-	-	-	-
2054	-	-	-	100%	100%	0%	-	-	-	-	-	-



Actuarial Analysis of HB 182
Section 2.
Projected Cost of the Retirement and Insurance
Current Plan

Kentucky Public Pensions Authority
Exhibit 2-1
CERS Non-Hazardous Retirement Fund
Actuarial Analysis of HB 182
Current Plan
(\$ in Millions)

Fiscal Year Beginning July 1, (1)	Actuarial Accrued Liability (2)	Actuarial Value of Assets (3)	Unfunded Actuarial Accrued Liability (4)	Funded Ratio (3) / (2) (5)	Employer Contribution (6)	Member Contribution (7)	Covered Payroll (8)	Employer Contribution as % of Covered Payroll (9)	Employer Actuarially Determined Contribution (10)
2025	\$ 16,174	\$ 9,934	\$ 6,240	61%	\$ 621	\$ 167	\$ 3,337	18.62%	18.62%
2026	16,517	10,412	6,105	63%	583	170	3,404	17.14%	17.14%
2027	16,833	11,039	5,794	66%	583	174	3,472	16.79%	16.79%
2028	17,128	11,588	5,540	68%	568	177	3,541	16.03%	16.03%
2029	17,406	12,021	5,385	69%	558	181	3,612	15.46%	15.46%
2030	17,667	12,338	5,329	70%	558	184	3,684	15.14%	15.14%
2031	17,915	12,645	5,270	71%	566	188	3,758	15.06%	15.06%
2032	18,154	12,953	5,201	71%	575	192	3,833	14.99%	14.99%
2033	18,386	13,267	5,119	72%	583	195	3,910	14.92%	14.92%
2034	18,614	13,589	5,025	73%	593	199	3,988	14.88%	14.88%
2035	18,840	13,924	4,916	74%	603	203	4,068	14.83%	14.83%
2036	19,085	14,293	4,792	75%	614	207	4,149	14.80%	14.80%
2037	19,337	14,687	4,650	76%	625	212	4,232	14.77%	14.77%
2038	19,605	15,113	4,492	77%	636	216	4,317	14.74%	14.74%
2039	19,891	15,578	4,313	78%	648	220	4,403	14.72%	14.72%
2040	20,200	16,086	4,114	80%	653	225	4,491	14.53%	14.53%
2041	20,534	16,634	3,900	81%	701	229	4,581	15.30%	15.30%
2042	20,898	17,271	3,627	83%	677	234	4,672	14.50%	14.50%
2043	21,293	17,930	3,363	84%	794	238	4,766	16.65%	16.65%
2044	21,721	18,756	2,965	86%	818	243	4,861	16.82%	16.82%
2045	22,184	19,663	2,521	89%	870	248	4,958	17.55%	17.55%
2046	22,683	20,686	1,997	91%	897	253	5,057	17.74%	17.74%
2047	23,220	21,806	1,414	94%	948	258	5,159	18.38%	18.38%
2048	23,798	23,052	746	97%	992	263	5,262	18.85%	18.85%
2049	24,417	24,417	-	100%	218	268	5,367	4.07%	4.07%
2050	25,078	25,078	-	100%	223	274	5,474	4.08%	4.08%
2051	25,784	25,784	-	100%	227	279	5,584	4.07%	4.07%
2052	26,535	26,535	-	100%	232	285	5,696	4.08%	4.08%
2053	27,332	27,332	-	100%	237	290	5,809	4.08%	4.08%
2054	28,173	28,173	-	100%	242	296	5,926	4.08%	4.08%

Notes and assumptions:

The projection is based on the results of the June 30, 2025 actuarial valuation and assumes that all actuarial assumptions are realized, including the assumed annual asset return of 6.50%.

New active members are assumed to be hired as current active members are assumed to terminate employment or retire.

The total active population is assumed to remain level throughout the entire projection.

Covered payroll is assumed to increase 2% each year throughout the entire projection.

The Board certified contribution rate paid by employers is assumed to be equal to the full actuarially determined contribution rate, except as allowed by

House Bill 362 (passed during the 2018 legislative session), which limits the certified contribution rate to a 12% increase over the prior year rate for the period of July 1, 2018 to June 30, 2028.



Kentucky Public Pensions Authority
Exhibit 2-2
KERS Non-Hazardous Retirement Fund
Actuarial Analysis of HB 182
Current Plan
(\$ in Millions)

Fiscal Year Beginning July 1, (1)	Actuarial Accrued Liability (2)	Actuarial Value of Assets (3)	Unfunded Actuarial Accrued Liability (4)	Funded Ratio (3) / (2) (5)	Employer Contribution (excluding Appropriations) (6)	Member Contribution (7)	Covered Payroll (8)	Employer Contribution as % of Covered Payroll (Normal Cost) (9)	Employer Contribution (Amortization Cost) (10)
2025	\$ 16,839	\$ 4,810	\$ 12,029	29%	\$ 996	\$ 101	\$ 2,024	6.99%	\$ 855
2026	16,871	5,435	11,436	32%	965	101	2,024	6.65%	831
2027	16,870	5,790	11,080	34%	965	101	2,024	6.65%	831
2028	16,842	6,120	10,722	36%	946	101	2,024	6.32%	818
2029	16,788	6,397	10,391	38%	946	101	2,024	6.32%	818
2030	16,713	6,615	10,098	40%	927	101	2,024	6.05%	805
2031	16,620	6,817	9,803	41%	927	101	2,024	6.05%	805
2032	16,511	7,020	9,491	43%	923	101	2,024	5.83%	805
2033	16,390	7,227	9,163	44%	923	101	2,024	5.83%	805
2034	16,258	7,439	8,819	46%	919	101	2,024	5.65%	805
2035	16,116	7,660	8,456	48%	919	101	2,024	5.65%	805
2036	15,976	7,903	8,073	50%	916	101	2,024	5.49%	805
2037	15,835	8,164	7,671	52%	916	101	2,024	5.49%	805
2038	15,697	8,449	7,248	54%	914	101	2,024	5.38%	805
2039	15,565	8,762	6,803	56%	914	101	2,024	5.38%	805
2040	15,440	9,106	6,334	59%	915	101	2,024	5.31%	808
2041	15,325	9,486	5,839	62%	945	101	2,024	5.31%	837
2042	15,219	9,933	5,286	65%	949	101	2,024	5.25%	843
2043	15,124	10,425	4,699	69%	995	101	2,024	5.25%	889
2044	15,039	11,005	4,034	73%	995	101	2,024	5.20%	890
2045	14,965	11,632	3,333	78%	1,018	101	2,024	5.20%	913
2046	14,902	12,331	2,571	83%	1,021	101	2,024	5.17%	916
2047	14,849	13,083	1,766	88%	1,030	101	2,024	5.17%	925
2048	14,808	13,898	910	94%	1,037	101	2,024	5.14%	933
2049	14,778	14,778	-	100%	104	101	2,024	5.13%	-
2050	14,761	14,761	-	100%	104	101	2,024	5.12%	-
2051	14,758	14,758	-	100%	104	101	2,024	5.12%	-
2052	14,768	14,768	-	100%	103	101	2,024	5.11%	-
2053	14,793	14,793	-	100%	103	101	2,024	5.11%	-
2054	14,830	14,830	-	100%	103	101	2,024	5.11%	-

Notes and assumptions:

The projection is based on the results of the June 30, 2025 actuarial valuation and assumes that all actuarial assumptions are realized, including the assumed annual asset return of 5.25%.

New active members are assumed to be hired as current active members are assumed to terminate employment or retire.

The total active population is assumed to decrease 2% each year for each of the next 30 years.

Covered payroll is assumed to remain level throughout the entire projection.

The contribution rate established in the Commonwealth's biennium budget is assumed to be equal to the normal cost portion of the actuarially determined contribution.

The full actuarially determined amortization cost is assumed to be allocated amongst employers each biennium.

The second year of a biannual budget is assumed to take into account any expiring amortization bases.

Per HB1 and HB6 (passed in the 2024 legislative session), \$300 million in additional appropriations assumed to be received in FYE 2026.



Kentucky Public Pensions Authority
Exhibit 2-3
CERS Non-Hazardous Insurance Fund
Actuarial Analysis of HB 182
Current Plan
(\$ in Millions)

Fiscal Year Beginning July 1, (1)	Actuarial Accrued Liability (2)	Actuarial Value of Assets (3)	Unfunded Actuarial Accrued Liability (4)	Funded Ratio (3) / (2) (5)	Employer Contribution (6)	Member Contribution (7)	Covered Payroll (8)	Employer Contribution as % of Covered Payroll (9)	Employer Actuarially Determined Contribution (10)
2025	\$ 3,563	\$ 3,794	\$ (231)	107%	\$ -	\$ 28	\$ 3,304	0.00%	0.00%
2026	3,708	3,932	(224)	106%	10	29	3,370	0.29%	0.29%
2027	3,835	4,139	(304)	108%	3	31	3,437	0.10%	0.10%
2028	3,952	4,306	(354)	109%	-	32	3,506	0.00%	0.00%
2029	4,061	4,427	(366)	109%	-	33	3,576	0.00%	0.00%
2030	4,162	4,506	(344)	108%	-	35	3,648	0.00%	0.00%
2031	4,254	4,577	(323)	108%	-	36	3,721	0.00%	0.00%
2032	4,340	4,641	(301)	107%	-	37	3,795	0.00%	0.00%
2033	4,420	4,699	(279)	106%	-	38	3,871	0.00%	0.00%
2034	4,497	4,753	(256)	106%	-	39	3,948	0.00%	0.00%
2035	4,574	4,805	(231)	105%	-	40	4,027	0.00%	0.00%
2036	4,652	4,859	(207)	104%	-	41	4,108	0.00%	0.00%
2037	4,735	4,915	(180)	104%	-	42	4,190	0.00%	0.00%
2038	4,822	4,973	(151)	103%	-	42	4,274	0.00%	0.00%
2039	4,916	5,037	(121)	103%	-	43	4,359	0.00%	0.00%
2040	5,017	5,105	(88)	102%	-	44	4,447	0.00%	0.00%
2041	5,124	5,177	(53)	101%	-	45	4,535	0.00%	0.00%
2042	5,237	5,254	(17)	100%	109	46	4,626	2.35%	2.35%
2043	5,358	5,447	(89)	102%	109	47	4,719	2.31%	2.31%
2044	5,486	5,652	(166)	103%	96	48	4,813	1.99%	1.99%
2045	5,618	5,853	(235)	104%	50	49	4,909	1.02%	1.02%
2046	5,756	6,017	(261)	105%	55	50	5,007	1.09%	1.09%
2047	5,899	6,191	(292)	105%	69	51	5,108	1.35%	1.35%
2048	6,047	6,386	(339)	106%	80	52	5,210	1.54%	1.54%
2049	6,198	6,600	(402)	107%	-	53	5,314	0.00%	0.00%
2050	6,352	6,738	(386)	106%	-	54	5,420	0.00%	0.00%
2051	6,507	6,876	(369)	106%	-	55	5,529	0.00%	0.00%
2052	6,665	7,015	(350)	105%	-	56	5,639	0.00%	0.00%
2053	6,825	7,154	(329)	105%	-	58	5,752	0.00%	0.00%
2054	6,986	7,294	(308)	104%	-	59	5,867	0.00%	0.00%

Notes and assumptions:

The projection is based on the results of the June 30, 2025 actuarial valuation and assumes that all actuarial assumptions are realized, including the assumed annual asset return of 6.50%.

New active members are assumed to be hired as current active members are assumed to terminate employment or retire.

The total active population is assumed to remain level throughout the entire projection.

Covered payroll is assumed to increase 2% each year throughout the entire projection.

The Board certified contribution rate paid by employers is assumed to be equal to the full actuarially determined contribution rate, except as allowed by

House Bill 362 (passed during the 2018 legislative session), which limits the certified contribution rate to a 12% increase over the prior year rate for the period of July 1, 2018 to June 30, 2028.



Kentucky Public Pensions Authority
Exhibit 2-4
KERS Non-Hazardous Insurance Fund
Actuarial Analysis of HB 182
Current Plan
(\$ in Millions)

Fiscal Year Beginning July 1, (1)	Actuarial Accrued Liability (2)	Actuarial Value of Assets (3)	Unfunded Actuarial Accrued Liability (4)	Funded Ratio (3) / (2) (5)	Employer Contribution (6)	Member Contribution (7)	Covered Payroll (8)	Employer Contribution as % of Covered Payroll (Normal Cost) (9)	Employer Contribution (Amortization Cost) (10)
2025	\$ 2,475	\$ 1,818	\$ 657	74%	\$ 31	\$ 12	\$ 2,014	1.45%	\$ 2
2026	2,544	1,858	686	73%	60	13	2,014	1.11%	37
2027	2,594	1,950	644	75%	60	14	2,014	1.11%	37
2028	2,631	2,020	611	77%	49	15	2,014	0.85%	32
2029	2,657	2,057	600	77%	49	15	2,014	0.85%	32
2030	2,671	2,065	606	77%	39	16	2,014	0.65%	26
2031	2,674	2,055	619	77%	39	17	2,014	0.65%	26
2032	2,668	2,036	632	76%	36	17	2,014	0.48%	26
2033	2,655	2,009	646	76%	36	18	2,014	0.48%	26
2034	2,636	1,975	661	75%	33	18	2,014	0.34%	26
2035	2,612	1,935	677	74%	33	18	2,014	0.34%	26
2036	2,587	1,892	695	73%	31	19	2,014	0.25%	26
2037	2,562	1,849	713	72%	31	19	2,014	0.25%	26
2038	2,537	1,805	732	71%	30	19	2,014	0.18%	26
2039	2,515	1,762	753	70%	30	19	2,014	0.18%	26
2040	2,495	1,720	775	69%	51	20	2,014	0.13%	49
2041	2,479	1,704	775	69%	67	20	2,014	0.13%	64
2042	2,468	1,708	760	69%	151	20	2,014	0.10%	149
2043	2,461	1,805	656	73%	155	20	2,014	0.10%	153
2044	2,458	1,917	541	78%	144	20	2,014	0.07%	143
2045	2,458	2,030	428	83%	119	20	2,014	0.07%	117
2046	2,461	2,126	335	86%	120	20	2,014	0.06%	119
2047	2,464	2,230	234	91%	124	20	2,014	0.06%	123
2048	2,467	2,345	122	95%	127	20	2,014	0.04%	127
2049	2,470	2,470	-	100%	1	20	2,014	0.03%	-
2050	2,470	2,470	-	100%	-	20	2,014	0.02%	-
2051	2,469	2,469	-	100%	-	20	2,014	0.01%	-
2052	2,467	2,467	-	100%	-	20	2,014	0.01%	-
2053	2,464	2,464	-	100%	-	20	2,014	0.00%	-
2054	2,460	2,460	-	100%	-	20	2,014	0.00%	-

Notes and assumptions:

The projection is based on the results of the June 30, 2025 actuarial valuation and assumes that all actuarial assumptions are realized, including the assumed annual asset return of 6.50%.

New active members are assumed to be hired as current active members are assumed to terminate employment or retire.

The total active population is assumed to decrease 2% each year for each of the next 30 years.

Covered payroll is assumed to remain level throughout the entire projection.

The contribution rate established in the Commonwealth's biennium budget is assumed to be equal to the normal cost portion of the actuarially determined contribution.

The full actuarially determined amortization cost is assumed to be allocated amongst employers each biennium.

The second year of a biannual budget is assumed to take into account any expiring amortization bases.



Actuarial Analysis of HB 182
Section 3.
Projected Cost of the Retirement and Insurance
Proposed Legislation

Kentucky Public Pensions Authority
Exhibit 3-1
CERS Non-Hazardous Retirement Fund
Actuarial Analysis of HB 182
Proposed Legislation
(\$ in Millions)

Fiscal Year Beginning July 1, (1)	Actuarial Accrued Liability (2)	Actuarial Value of Assets (3)	Unfunded Actuarial Accrued Liability (4)	Funded Ratio (3) / (2) (5)	Employer Contribution (6)	Member Contribution (7)	Covered Payroll (8)	Employer Contribution as % of Covered Payroll (9)	Employer Actuarially Determined Contribution (10)
2025	\$ 16,176	\$ 9,934	\$ 6,242	61%	\$ 621	\$ 167	\$ 3,337	18.62%	18.62%
2026	16,520	10,412	6,108	63%	585	170	3,404	17.19%	17.19%
2027	16,837	11,040	5,797	66%	584	174	3,472	16.83%	16.83%
2028	17,134	11,590	5,544	68%	569	177	3,541	16.07%	16.07%
2029	17,413	12,025	5,388	69%	560	181	3,612	15.50%	15.50%
2030	17,675	12,343	5,332	70%	560	184	3,684	15.19%	15.19%
2031	17,925	12,651	5,274	71%	567	188	3,758	15.10%	15.10%
2032	18,165	12,961	5,204	71%	576	192	3,833	15.04%	15.04%
2033	18,398	13,276	5,122	72%	585	195	3,910	14.97%	14.97%
2034	18,627	13,600	5,027	73%	595	199	3,988	14.92%	14.92%
2035	18,855	13,937	4,918	74%	605	203	4,068	14.88%	14.88%
2036	19,100	14,307	4,793	75%	616	207	4,149	14.84%	14.84%
2037	19,354	14,702	4,652	76%	627	212	4,232	14.81%	14.81%
2038	19,623	15,130	4,493	77%	638	216	4,317	14.78%	14.78%
2039	19,910	15,596	4,314	78%	650	220	4,403	14.76%	14.76%
2040	20,220	16,105	4,115	80%	654	225	4,491	14.57%	14.57%
2041	20,557	16,655	3,902	81%	702	229	4,581	15.33%	15.33%
2042	20,921	17,294	3,627	83%	679	234	4,672	14.54%	14.54%
2043	21,317	17,954	3,363	84%	795	238	4,766	16.69%	16.69%
2044	21,747	18,781	2,966	86%	820	243	4,861	16.86%	16.86%
2045	22,211	19,690	2,521	89%	872	248	4,958	17.59%	17.59%
2046	22,711	20,714	1,997	91%	899	253	5,057	17.77%	17.77%
2047	23,250	21,835	1,415	94%	951	258	5,159	18.43%	18.43%
2048	23,829	23,082	747	97%	994	263	5,262	18.89%	18.89%
2049	24,449	24,449	-	100%	220	268	5,367	4.10%	4.10%
2050	25,112	25,112	-	100%	225	274	5,474	4.11%	4.11%
2051	25,819	25,819	-	100%	229	279	5,584	4.11%	4.11%
2052	26,572	26,572	-	100%	235	285	5,696	4.12%	4.12%
2053	27,369	27,369	-	100%	239	290	5,809	4.11%	4.11%
2054	28,212	28,212	-	100%	244	296	5,926	4.11%	4.11%

Notes and assumptions:

The analysis above is based on the same methods, assumptions, and benefit provisions as the analysis under the Current Plan, except for the proposed changes in HB 182.



Kentucky Public Pensions Authority
Exhibit 3-2
KERS Non-Hazardous Retirement Fund
Actuarial Analysis of HB 182
Proposed Legislation
(\$ in Millions)

Fiscal Year Beginning July 1, (1)	Actuarial Accrued Liability (2)	Actuarial Value of Assets (3)	Unfunded Actuarial Accrued Liability (4)	Funded Ratio (3) / (2) (5)	Employer Contribution (excluding Appropriations) (6)	Member Contribution (7)	Covered Payroll (8)	Employer Contribution as % of Covered Payroll (Normal Cost) (9)	Employer Contribution (Amortization Cost) (10)
2025	\$ 16,840	\$ 4,810	\$ 12,030	29%	\$ 996	\$ 101	\$ 2,024	6.99%	\$ 855
2026	16,872	5,435	11,437	32%	966	101	2,024	6.66%	831
2027	16,871	5,790	11,081	34%	966	101	2,024	6.66%	831
2028	16,842	6,121	10,721	36%	946	101	2,024	6.32%	818
2029	16,789	6,397	10,392	38%	946	101	2,024	6.32%	818
2030	16,714	6,616	10,098	40%	928	101	2,024	6.06%	805
2031	16,621	6,818	9,803	41%	928	101	2,024	6.06%	805
2032	16,513	7,021	9,492	43%	923	101	2,024	5.84%	805
2033	16,392	7,228	9,164	44%	923	101	2,024	5.84%	805
2034	16,259	7,440	8,819	46%	919	101	2,024	5.65%	805
2035	16,118	7,662	8,456	48%	919	101	2,024	5.65%	805
2036	15,978	7,904	8,074	50%	916	101	2,024	5.50%	805
2037	15,837	8,166	7,671	52%	916	101	2,024	5.50%	805
2038	15,699	8,451	7,248	54%	914	101	2,024	5.39%	805
2039	15,567	8,764	6,803	56%	914	101	2,024	5.39%	805
2040	15,443	9,108	6,335	59%	915	101	2,024	5.31%	808
2041	15,327	9,489	5,838	62%	945	101	2,024	5.31%	837
2042	15,222	9,936	5,286	65%	949	101	2,024	5.26%	843
2043	15,126	10,428	4,698	69%	995	101	2,024	5.26%	889
2044	15,042	11,008	4,034	73%	995	101	2,024	5.21%	890
2045	14,968	11,635	3,333	78%	1,018	101	2,024	5.21%	913
2046	14,905	12,334	2,571	83%	1,021	101	2,024	5.18%	916
2047	14,852	13,086	1,766	88%	1,030	101	2,024	5.18%	925
2048	14,811	13,901	910	94%	1,037	101	2,024	5.15%	933
2049	14,781	14,781	-	100%	104	101	2,024	5.14%	-
2050	14,765	14,765	-	100%	104	101	2,024	5.13%	-
2051	14,762	14,762	-	100%	104	101	2,024	5.13%	-
2052	14,772	14,772	-	100%	104	101	2,024	5.12%	-
2053	14,796	14,796	-	100%	104	101	2,024	5.12%	-
2054	14,834	14,834	-	100%	103	101	2,024	5.11%	-

Notes and assumptions:

The analysis above is based on the same methods, assumptions, and benefit provisions as the analysis under the Current Plan, except for the proposed changes in HB 182.



Kentucky Public Pensions Authority
Exhibit 3-3
CERS Non-Hazardous Insurance Fund
Actuarial Analysis of HB 182
Proposed Legislation
(\$ in Millions)

Fiscal Year Beginning July 1, (1)	Actuarial Accrued Liability (2)	Actuarial Value of Assets (3)	Unfunded Actuarial Accrued Liability (4)	Funded Ratio (3) / (2) (5)	Employer Contribution (6)	Member Contribution (7)	Covered Payroll (8)	Employer Contribution as % of Covered Payroll (9)	Employer Actuarially Determined Contribution (10)
2025	\$ 3,563	\$ 3,794	\$ (231)	107%	\$ -	\$ 28	\$ 3,304	0.00%	0.00%
2026	3,709	3,932	(223)	106%	10	29	3,370	0.31%	0.31%
2027	3,837	4,139	(302)	108%	4	31	3,437	0.12%	0.12%
2028	3,955	4,307	(352)	109%	-	32	3,506	0.00%	0.00%
2029	4,064	4,428	(364)	109%	-	33	3,576	0.00%	0.00%
2030	4,165	4,507	(342)	108%	-	35	3,648	0.00%	0.00%
2031	4,259	4,577	(318)	108%	-	36	3,721	0.00%	0.00%
2032	4,345	4,641	(296)	107%	-	37	3,795	0.00%	0.00%
2033	4,426	4,698	(272)	106%	-	38	3,871	0.00%	0.00%
2034	4,504	4,751	(247)	106%	-	39	3,948	0.00%	0.00%
2035	4,581	4,803	(222)	105%	-	40	4,027	0.00%	0.00%
2036	4,660	4,856	(196)	104%	-	41	4,108	0.00%	0.00%
2037	4,744	4,911	(167)	104%	-	42	4,190	0.00%	0.00%
2038	4,832	4,969	(137)	103%	-	42	4,274	0.00%	0.00%
2039	4,926	5,031	(105)	102%	-	43	4,359	0.00%	0.00%
2040	5,027	5,098	(71)	101%	-	44	4,447	0.00%	0.00%
2041	5,135	5,169	(34)	101%	-	45	4,535	0.00%	0.00%
2042	5,250	5,244	6	100%	112	46	4,626	2.43%	2.43%
2043	5,371	5,439	(68)	101%	112	47	4,719	2.38%	2.38%
2044	5,499	5,646	(147)	103%	99	48	4,813	2.06%	2.06%
2045	5,633	5,849	(216)	104%	54	49	4,909	1.09%	1.09%
2046	5,772	6,014	(242)	104%	58	50	5,007	1.16%	1.16%
2047	5,915	6,191	(276)	105%	72	51	5,108	1.41%	1.41%
2048	6,063	6,388	(325)	105%	83	52	5,210	1.60%	1.60%
2049	6,215	6,604	(389)	106%	-	53	5,314	0.00%	0.00%
2050	6,369	6,740	(371)	106%	-	54	5,420	0.00%	0.00%
2051	6,526	6,876	(350)	105%	-	55	5,529	0.00%	0.00%
2052	6,684	7,013	(329)	105%	-	56	5,639	0.00%	0.00%
2053	6,844	7,151	(307)	105%	-	58	5,752	0.00%	0.00%
2054	7,006	7,288	(282)	104%	-	59	5,867	0.00%	0.00%

Notes and assumptions:

The analysis above is based on the same methods, assumptions, and benefit provisions as the analysis under the Current Plan, except for the proposed changes in HB 182.



Kentucky Public Pensions Authority
Exhibit 3-4
KERS Non-Hazardous Insurance Fund
Actuarial Analysis of HB 182
Proposed Legislation
(\$ in Millions)

Fiscal Year Beginning July 1, (1)	Actuarial Accrued Liability (2)	Actuarial Value of Assets (3)	Unfunded Actuarial Accrued Liability (4)	Funded Ratio (3) / (2) (5)	Employer Contribution (6)	Member Contribution (7)	Covered Payroll (8)	Employer Contribution as % of Covered Payroll (Normal Cost) (9)	Employer Contribution (Amortization Cost) (10)
2025	\$ 2,475	\$ 1,818	\$ 657	74%	\$ 31	\$ 12	\$ 2,014	1.45%	\$ 2
2026	2,544	1,858	686	73%	60	13	2,014	1.11%	37
2027	2,594	1,950	644	75%	60	14	2,014	1.11%	37
2028	2,632	2,020	612	77%	49	15	2,014	0.86%	32
2029	2,657	2,058	599	78%	49	15	2,014	0.86%	32
2030	2,671	2,065	606	77%	39	16	2,014	0.65%	26
2031	2,674	2,056	618	77%	39	17	2,014	0.65%	26
2032	2,669	2,037	632	76%	36	17	2,014	0.48%	26
2033	2,656	2,010	646	76%	36	18	2,014	0.48%	26
2034	2,637	1,975	662	75%	33	18	2,014	0.34%	26
2035	2,613	1,936	677	74%	33	18	2,014	0.34%	26
2036	2,588	1,893	695	73%	31	19	2,014	0.25%	26
2037	2,562	1,849	713	72%	31	19	2,014	0.25%	26
2038	2,538	1,806	732	71%	30	19	2,014	0.18%	26
2039	2,516	1,762	754	70%	30	19	2,014	0.18%	26
2040	2,496	1,721	775	69%	51	20	2,014	0.13%	49
2041	2,480	1,705	775	69%	67	20	2,014	0.13%	64
2042	2,468	1,709	759	69%	151	20	2,014	0.10%	149
2043	2,462	1,806	656	73%	155	20	2,014	0.10%	153
2044	2,459	1,918	541	78%	144	20	2,014	0.08%	143
2045	2,459	2,031	428	83%	119	20	2,014	0.08%	117
2046	2,462	2,127	335	86%	120	20	2,014	0.06%	119
2047	2,465	2,231	234	91%	124	20	2,014	0.06%	123
2048	2,469	2,346	123	95%	127	20	2,014	0.04%	127
2049	2,471	2,471	-	100%	1	20	2,014	0.03%	-
2050	2,471	2,471	-	100%	-	20	2,014	0.02%	-
2051	2,471	2,471	-	100%	-	20	2,014	0.02%	-
2052	2,468	2,468	-	100%	-	20	2,014	0.01%	-
2053	2,465	2,465	-	100%	-	20	2,014	0.00%	-
2054	2,461	2,461	-	100%	-	20	2,014	0.00%	-

Notes and assumptions:

The analysis above is based on the same methods, assumptions, and benefit provisions as the analysis under the Current Plan, except for the proposed changes in HB 182.





JUDICIAL FORM RETIREMENT SYSTEM

JUDICIAL RETIREMENT PLAN | LEGISLATORS RETIREMENT PLAN

Daniel Venters, Chairman
Board of Trustees

Bo Cracraft
Executive Director

January 28, 2026

Actuarial Analysis 2 of 3

Mrs. Maurya Allen
Deputy Director's Office
Legislative Research Commission
Capitol Annex, Room 186
Frankfort, KY 40601

RE: HB 182 (BR 96) - AN ACT relating to duty-related disability benefits.

Dear Mrs. Allen:

Staff of the Judicial Form Retirement System (JFRS) have reviewed **HB 182 (BR 96)** and determined it does not impact either plan administered by JFRS. Neither the Judicial Retirement Plan (JRP) nor Legislators' Retirement Plan (LRP) have "members working in a nonhazardous position that could be certified as a hazardous position" as described in the proposal.

In compliance with KRS 6.350(2)(c), the Judicial Form Retirement Systems (the agency in charge with the administration of JRP and LRP) certifies the following:

1. There are no participants of LRP or JRP affected.
2. There is no change in benefits.
3. There is no change to current employer costs;
4. There is no change to administrative expenses.

We have not requested any further actuarial analysis of **HB 182 (BR 96)** by the Systems' independent actuary. Please let me know if you have any questions regarding this analysis.

Sincerely,

Bo Cracraft, Executive Director