

1 AN ACT relating to actuarial reporting for the state-administered retirement  
2 systems.

3 ***Be it enacted by the General Assembly of the Commonwealth of Kentucky:***

4 ➔Section 1. KRS 6.350 (Effective April 1, 2021) is amended to read as follows:

5 (1) A bill which would increase or decrease the benefits or increase or decrease  
6 participation in the benefits or change the actuarial accrued liability of any state-  
7 administered retirement system shall not be reported from a legislative committee of  
8 either house of the General Assembly for consideration by the full membership of  
9 that house unless the bill is accompanied by an actuarial analysis.

10 (2) (a) An actuarial analysis required by this section shall show the economic effect  
11 of the bill on the state-administered retirement system over a thirty  
12 ~~(30)[twenty (20)]~~ year period, including:

13 1. An estimate of the effect on the unfunded actuarial accrued liabilities  
14 and funding levels of the affected systems; and

15 2. A projection of the annual employer costs to the systems of  
16 implementing the legislation over the thirty (30)~~[twenty (20)]~~ year  
17 period. The annual employer cost projection shall include the effect on  
18 the contributions of participating employers as a percentage of total  
19 payroll and in total dollars of contributions.

20 (b) If a bill affects more than one (1) state-administered retirement system, the  
21 actuarial analysis shall project costs for each affected state-administered  
22 retirement system.

23 (c) A statement that the cost is negligible or indeterminable shall not be  
24 considered in compliance with this section. If a cost cannot be determined by  
25 the actuary in accordance with paragraph (a) of this subsection, then the  
26 systems shall certify in writing:

27 1. The estimated number of individuals affected;

- 1           2.    The estimated change in benefit payments;
- 2           3.    The estimated change to employer costs; and
- 3           4.    The estimated change to administrative expenses.
- 4       (d)   An actuarial analysis shall state the actuarial assumptions and methods of
- 5           computation used in the analysis and shall state whether or not the bill or
- 6           resolution, if enacted, would, in the opinion of the actuary, make the affected
- 7           state-administered retirement system actuarially unsound or, in the case of a
- 8           system already actuarially unsound, more unsound. Actuarial cost methods
- 9           and assumptions that meet actuarial standards of practice established by the
- 10          Actuarial Standards Board shall be used in all cost projections.
- 11       (e)   An actuarial analysis required by this section shall be prepared by an actuary
- 12           who is a fellow of the Conference of Consulting Actuaries or a member of the
- 13           American Academy of Actuaries.
- 14       (3)   (a)   An actuary commissioned to make an actuarial analysis that is required by this
- 15           section, or for the purpose of seeking appropriations for a state-administered
- 16           retirement system, shall include in the analysis a complete definition of each
- 17           actuarial term used in the analysis and, either in the analysis or in a separate
- 18           actuarial valuation report made available as a public record, an enumeration
- 19           and explanation of each actuarial assumption used to complete the actuarial
- 20           analysis.
- 21       (b)   If the actuary commissioned to complete the actuarial analysis is relying upon
- 22           assumptions that have not been previously established by the actuary in an
- 23           actuarial valuation of the affected state-administered retirement system, the
- 24           actuary shall clearly note and describe the new assumption and the basis for
- 25           selecting the assumption.
- 26       (4)   The actuarial analysis required by this section:
- 27       (a)   Shall be completed by the actuary retained by the affected state-administered

1 retirement system. The state-administered retirement systems shall provide the  
2 analysis without cost to the General Assembly;

3 (b) Shall be provided in a uniform format established by the Legislative  
4 Research Commission; and

5 (c) Shall include on the front page, a summary of relevant data from the  
6 analysis, including but not limited to:

7 1. The total nominal dollar savings or costs over the thirty (30) year  
8 period;

9 2. The net present value of savings or costs over the thirty (30) year  
10 period; and

11 3. The estimated change in the normal cost, if applicable.

12 (5) For purposes of this section, the terms:

13 (a) "State-administered retirement system" shall include:

14 1. The Kentucky Employees Retirement System and the State Police  
15 Retirement System administered by the Kentucky Retirement Systems  
16 and established under the provisions of KRS 16.505 to 16.652 and  
17 61.510 to 61.705;

18 2. The Kentucky Teachers' Retirement System established under KRS  
19 161.220 to 161.716;

20 3. The Judicial Retirement Plan established under KRS 21.345 to 21.580;

21 4. The Legislators' Retirement Plan established under KRS 6.500 to 6.577;  
22 and

23 5. The County Employees Retirement System established under KRS  
24 78.510 to 78.852; and

25 (b) "Funding level" means the actuarial value of assets divided by the actuarially  
26 accrued liability expressed as a percentage.

27 ➔Section 2. KRS 21.440 is amended to read as follows:

- 1 (1) (a) The investment committee for the judicial retirement fund shall at least once  
2 in every two (2) year period procure an actuarial valuation of the judicial  
3 retirement fund. The valuation shall, at a minimum, include:
- 4 1. A description of the actuarial assumptions used in the actuarial  
5 valuation, which shall be reasonably related to the experience of the  
6 fund and represent the actuary's best estimate of anticipated experience;
  - 7 2. A description of any funding methods utilized or required by state law in  
8 the development of the actuarial valuation results;
  - 9 3. A description of any changes in actuarial assumptions and methods from  
10 the previous year's actuarial valuation;
  - 11 4. The actuarially recommended contribution rate for employers for the  
12 upcoming budget periods;
  - 13 5. A thirty (30)~~twenty (20)~~ year projection of the funding levels,  
14 unfunded liabilities, and actuarially recommended contribution rates for  
15 employers based upon the actuarial assumptions, funding methods, and  
16 experience of the system as of the valuation date; and
  - 17 6. A sensitivity analysis that evaluates the impact of changes in plan  
18 assumptions, including but not limited to the investment return  
19 assumption, payroll growth assumption, and medical inflation  
20 assumptions, on employer contribution rates, funding levels, and  
21 unfunded liabilities.
- 22 (b) At least once in each five (5) year period, the board of trustees of the Judicial  
23 Form Retirement System shall cause an actuarial investigation to be made of  
24 all the relevant experience under the retirement plan relative to the actuarial  
25 assumptions and funding methods previously adopted by the board. The  
26 actuarial investigation shall include at a minimum a summary of the changes  
27 in actuarial assumptions and funding methods recommended in the

- 1 investigation and the projected impact of the recommended changes on  
2 funding levels, unfunded liabilities, and actuarially recommended contribution  
3 rates for employers over a thirty (30)~~twenty (20)~~ year period.
- 4 (c) Pursuant to the investigation, the board shall from time to time revise the  
5 actuarial tables previously adopted by the board and shall thereupon revise the  
6 bases of the rates of contributions required under KRS 21.345 to 21.580.
- 7 (d) For any change in actuarial assumptions, funding methods, retiree health  
8 insurance premiums and subsidies, or any other decisions made by the board  
9 that impact system liabilities and actuarially recommended contribution rates  
10 for employers and that are not made in conjunction with the actuarial  
11 investigation required by paragraph (b) of this subsection, an actuarial analysis  
12 shall be completed showing the projected impact of the changes on funding  
13 levels, unfunded liabilities, and actuarially recommended contribution rates  
14 for employers over a thirty (30)~~twenty (20)~~ year period.
- 15 (e) A copy of the valuation, the five (5) year actuarial investigation, and any  
16 analysis required by this subsection shall be forwarded electronically to the  
17 Legislative Research Commission within ten (10) days of receipt by the  
18 committee, and the Legislative Research Commission shall distribute the  
19 information received to the committee staff and co-chairs of any committee  
20 that has jurisdiction over the Judicial Form Retirement System. The actuarial  
21 valuation required by paragraph (a) of this subsection shall be submitted no  
22 later than November 15 following the close of the fiscal year.
- 23 (f) All the investigations and valuations shall be certified to the board by an  
24 actuary who shall be a fellow of the Conference of Consulting Actuaries or a  
25 member of the American Academy of Actuaries.
- 26 (2) (a) The board of trustees of the Judicial Form Retirement System shall annually  
27 procure an audit of the system and each of the funds therein. The audit shall

1 be conducted in accordance with generally accepted auditing standards.  
2 Except as provided by paragraph (b) of this subsection, the board may select  
3 an independent certified public accountant or the Auditor of Public Accounts  
4 to perform the audit. If the audit is performed by an independent certified  
5 public accountant, the Auditor of Public Accounts shall not be required to  
6 perform an audit pursuant to KRS 43.050(2)(a), but may perform an audit at  
7 his discretion. The board shall make copies of the audit required by this  
8 section available for examination by any member or beneficiary in the office  
9 of the manager of the system and in such other places as may be necessary to  
10 make the audit available to all members and beneficiaries. A copy of the audit  
11 shall be sent to the Legislative Research Commission within ten (10) days of  
12 receipt by the committee.

13 (b) Once every five (5) years, the Auditor of Public Accounts shall perform the  
14 audit described by this subsection, and the system shall reimburse the Auditor  
15 of Public Accounts for all costs of the audit. The Auditor of Public Accounts  
16 shall determine which fiscal year during the five (5) year period the audit  
17 prescribed by this paragraph will be completed.

18 ➔Section 3. KRS 61.670 (Effective April 1, 2021) is amended to read as follows:

19 (1) (a) As soon as practicable after its organization, the board shall adopt the  
20 actuarial tables necessary for the administration of the system and for the  
21 annual determination of actuarial assets and liabilities of the system.

22 (b) The board shall cause an actuarial valuation to be made annually. The  
23 valuation shall at a minimum include:

24 1. A description of the actuarial assumptions used in the actuarial  
25 valuation, which shall be reasonably related to the experience of the  
26 system and represent the actuary's best estimate of anticipated  
27 experience;

- 1           2.    A description of any funding methods utilized or required by state law in  
2                    the development of the actuarial valuation results;
  - 3           3.    A description of any changes in actuarial assumptions and methods from  
4                    the previous year's actuarial valuation;
  - 5           4.    The actuarially recommended contribution rate for employers for the  
6                    upcoming budget periods;
  - 7           5.    A thirty (30)~~twenty (20)~~ year projection of the funding levels,  
8                    unfunded liabilities, and actuarially recommended contribution rates for  
9                    employers based upon the actuarial assumptions, funding methods, and  
10                  experience of the system as of the valuation date; and
  - 11          6.    A sensitivity analysis that evaluates the impact of changes in system  
12                  assumptions, including but not limited to the investment return  
13                  assumption, payroll growth assumption, and medical inflation rates, on  
14                  employer contribution rates, funding levels, and unfunded liabilities.
- 15          (c)   At least once in each five (5) year period, the board shall cause an actuarial  
16                  investigation to be made of all the experience under the retirement system  
17                  relative to the actuarial assumptions and funding methods previously adopted  
18                  by the board. The actuarial investigation shall include at a minimum a  
19                  summary of the changes in actuarial assumptions and funding methods  
20                  recommended in the investigation and the projected impact of the  
21                  recommended changes on funding levels, unfunded liabilities, and actuarially  
22                  recommended contribution rates for employers over a thirty (30)~~twenty (20)~~  
23                  year period.
- 24          (d)   Pursuant to the actuarial investigation the board shall, from time to time,  
25                  revise the actuarial tables previously adopted by the board and shall thereupon  
26                  revise the bases of the rates of contributions required under KRS 61.510 to  
27                  61.692 and KRS 16.505 to 16.652.

- 1 (e) For any change in actuarial assumptions, funding methods, retiree health  
2 insurance premiums and subsidies, or any other decisions made by the board  
3 that impact system liabilities and actuarially recommended contribution rates  
4 for employers and that are not made in conjunction with the actuarial  
5 investigation required by paragraph (c) of this subsection, an actuarial analysis  
6 shall be completed showing the projected impact of the changes on funding  
7 levels, unfunded liabilities, and actuarially recommended contribution rates  
8 for employers over a ***thirty (30)***~~twenty (20)~~ year period.
- 9 (f) All actuarial investigations, analyses, and valuations shall be certified to the  
10 board by an actuary who shall be a fellow of the Conference of Consulting  
11 Actuaries or a member of the American Academy of Actuaries.
- 12 (2) A copy of each five (5) year actuarial investigation, actuarial analysis, and annual  
13 valuation required by subsection (1) of this section shall be forwarded electronically  
14 to the Legislative Research Commission no later than ten (10) days after receipt by  
15 the board, and the Legislative Research Commission shall distribute the information  
16 received to the committee staff and co-chairs of any committee that has jurisdiction  
17 over the Kentucky Retirement Systems. The actuarial valuation required by  
18 subsection (1)(b) of this section shall be submitted no later than November 15  
19 following the close of the fiscal year.
- 20 (3) The Legislative Research Commission may employ an actuary with the same  
21 qualifications as the actuary employed by the board, and the board shall, free of  
22 charge, provide the actuary employed by the Commission with the same data  
23 provided to its own actuary, and any supplementary data he or she may require. The  
24 actuary employed by the Commission shall review the assumptions, determinations  
25 and recommendations of the board actuary, and legislative proposals related to the  
26 retirement systems, and report his or her findings to the Commission and to the  
27 board. The board shall pay fifty percent (50%) of the cost of the Commission's



1           actuary, and the Commission shall pay the other fifty percent (50%).

2           ➔Section 4. KRS 161.400 is amended to read as follows:

- 3       (1) (a) The board of trustees shall designate as actuary a competent person who shall  
4           be a fellow of the Conference of Consulting Actuaries or a member of the  
5           American Academy of Actuaries. He shall be the technical adviser of the  
6           board on matters regarding the operation of the funds of the system and shall  
7           perform such other duties as are required in connection therewith.
- 8       (b) At least once in each five (5) year period, the actuary shall make an actuarial  
9           investigation into the actuarial assumptions and funding methods used,  
10          including but not limited to mortality, investment rate of return, and service  
11          and compensation of the members and beneficiaries of the retirement system,  
12          relative to the actuarial assumptions and funding methods previously adopted  
13          by the board. The actuarial investigation shall include at a minimum a  
14          summary of the changes in actuarial assumptions and funding methods  
15          recommended in the investigation and the projected impact of the  
16          recommended changes on funding levels, unfunded liabilities, and actuarially  
17          recommended contribution rates for employers over a thirty (30)~~twenty (20)~~  
18          year period.
- 19       (c) At least annually the actuary shall make an actuarial valuation of the  
20          retirement system. The valuation shall include:
- 21           1. A description of the actuarial assumptions used, and the assumptions  
22           shall be reasonably related to the experience of the system and represent  
23           the actuary's best estimate of anticipated experience;
- 24           2. A description of any funding methods utilized or required by state law in  
25           the development of the actuarial valuation results;
- 26           3. A description of any changes in actuarial assumptions and methods from  
27           the previous year's actuarial valuation;

- 1           4. The actuarially recommended contribution rate for employers for the  
2           upcoming budget periods;
- 3           5. A thirty (30)~~twenty (20)~~ year projection of the funding levels,  
4           unfunded liabilities, and actuarially recommended contribution rates for  
5           employers based upon the actuarial assumptions, funding methods, and  
6           experience of the system as of the valuation date; and
- 7           6. A sensitivity analysis that evaluates the impact of changes in system  
8           assumptions, including but not limited to the investment return  
9           assumption, payroll growth assumption, and medical inflation rates, on  
10          employer contribution rates, funding levels, and unfunded liabilities.
- 11         (d) On the basis of the results of the valuations, the board of trustees shall make  
12          necessary changes in the retirement system within the provisions of law and  
13          shall establish the contributions payable by employers and the state specified  
14          in KRS 161.550.
- 15         (e) For any change in actuarial assumptions, funding methods, retiree health  
16          insurance premiums and subsidies, or any other decisions made by the board  
17          that impact system liabilities and actuarially recommended contribution rates  
18          for employers and that are not made in conjunction with the actuarial  
19          investigation required by paragraph (b) of this subsection, an actuarial analysis  
20          shall be completed showing the projected impact of the changes on funding  
21          levels, unfunded liabilities, and actuarially recommended contribution rates  
22          for employers over a thirty (30)~~twenty (20)~~ year period.
- 23         (2) Actuarial factors and actuarial cost factor tables in use by the retirement system for  
24          all purposes shall be determined by the actuary of the retirement system and  
25          approved by the board of trustees by resolution and implemented without the  
26          necessity of an administrative regulation.
- 27         (3) A copy of each five (5) year actuarial investigation, actuarial analysis, and valuation

1 required by subsection (1) of this section shall be forwarded electronically to the  
2 Legislative Research Commission no later than ten (10) days after receipt by the  
3 board, and the Legislative Research Commission shall distribute the information  
4 received to the committee staff and co-chairs of any committee that has jurisdiction  
5 over the Kentucky Teachers' Retirement System. The actuarial valuation required by  
6 subsection (1)(c) of this section shall be submitted no later than November 15  
7 following the close of the fiscal year.