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***THE NEBRASKA PUBLIC EMPLOYEES
RETIREMENT SYSTEM***

**COUNTY EMPLOYEES' RETIREMENT SYSTEM
CASH BALANCE BENEFIT FUND**

GASB STATEMENT NO. 68 REPORT

MEASUREMENT DATE: DECEMBER 31, 2019





Cavanaugh Macdonald

CONSULTING, LLC

The experience and dedication you deserve

May 21, 2020

Public Employees Retirement Board
Nebraska Public Employees Retirement Systems
Post Office Box 94816
Lincoln, NE 68509

Dear Members of the Board:

Presented in this report is information to assist the Nebraska Public Employees Retirement System in providing information required under the Governmental Accounting Standards Board (GASB) Statement No. 68 to participating employers of the County Employees' Retirement System Cash Balance Benefit Fund. GASB Statement No. 68 establishes accounting and financial reporting requirements for governmental employers who provide pension benefits to their employees through a trust. This report, which has been prepared as of December 31, 2019, and may be used by employers for financial reporting for fiscal years ending on or before December 31, 2020. The calculations in this report have been made on a basis that is consistent with our understanding of this accounting standard (GASB 68).

The annual actuarial valuation used as a basis for much of the information presented in this report was performed as of January 1, 2020. The valuation was based upon data, furnished by the System's staff, concerning active, inactive and retired members along with pertinent financial information. This information was reviewed for completeness and internal consistency, but was not audited by us. The valuation results depend on the integrity of the data. If any of the information is inaccurate or incomplete, our results may be different and our calculations may need to be revised. Please see the actuarial valuation for additional details on the funding requirements for the System including actuarial assumptions and methods and the funding policy.

To the best of our knowledge, the information contained in this report is complete and accurate. Certain information about the Plan and where additional information can be found was provided by the Nebraska Public Employees Retirement System and used in this report. The calculations were performed by qualified actuaries according to generally accepted actuarial principles and practices, as well as in conformity with Actuarial Standards of Practice issued by the Actuarial Standards Board. The calculations are based on the current provisions of the System, and on actuarial assumptions that are internally consistent and individually reasonable based on the actual experience of the System. In addition, the calculations were completed in compliance with applicable law and, in our opinion, meet the requirements of GASB 68.

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Board of Trustees
May 21, 2020
Page 2

These results are only for financial reporting and may not be appropriate for funding purposes or other types of analysis. Calculations for purposes other than satisfying the requirements of GASB 68 may produce significantly different results. Future actuarial results may differ significantly from the current results presented in this report due to such factors as changes in plan experience or changes in economic or demographic assumptions.

We, Patrice A. Beckham, FSA, and Brent A. Banister, FSA, are members of the American Academy of Actuaries and meet the Qualification Standards to render the actuarial opinion contained herein. We are available to answer any questions on the material contained in this report or to provide explanations or further details as may be appropriate.

Respectfully submitted,

A handwritten signature in blue ink that reads 'Patrice Beckham' in a cursive script.

Patrice Beckham, FSA, EA, FCA, MAAA
Principal and Consulting Actuary

A handwritten signature in blue ink that reads 'Brent A. Banister' in a cursive script.

Brent A. Banister, PhD, FSA, EA, FCA, MAAA
Chief Actuary



TABLE OF CONTENTS

<u>Section</u>	<u>Item</u>	<u>Page No.</u>
I	Summary of Principal Results	1
II	Introduction	2
III	Pension Expense	5
IV	Notes to Financial Statements	7
V	Required Supplementary Information	18
<u>Appendix</u>		
A	Schedule of Changes in Net Pension Liability/(Asset)	20
B	Summary of Plan Provisions	21
C	Statement of Actuarial Assumptions	25
D	Detailed Information for Employers	29
	Exhibit 1 – Schedule of Employer Allocations	
	Exhibit 2 – Schedule of Deferred Resources	
	Exhibit 3 – Schedule of Pension Amounts by Employer	
	Exhibit 4 – Schedule of Recognition Amounts by Employer	



GASB STATEMENT NO. 68

NEBRASKA PUBLIC EMPLOYEES RETIREMENT SYSTEM

COUNTY EMPLOYEES' RETIREMENT SYSTEM CASH BALANCE BENEFIT FUND

SECTION I - SUMMARY OF PRINCIPAL RESULTS

Valuation Date (VD):	January 1, 2020
Prior Measurement Date:	December 31, 2018
Measurement Date (MD):	December 31, 2019
Membership Data:	
Retirees and Beneficiaries	764
Inactive Vested Members	1,590
Inactive Nonvested Members	1,929
Active Employees	<u>6,780</u>
Total	11,063
Single Equivalent Interest Rate (SEIR):	
Long-Term Expected Rate of Return	7.50%
Municipal Bond Index Rate at Prior Measurement Date	4.13%
Municipal Bond Index Rate at Measurement Date	2.75%
Year in which Fiduciary Net Position is Projected to be Depleted	N/A
Single Equivalent Interest Rate at Prior Measurement Date	7.50%
Single Equivalent Interest Rate at Measurement Date	7.50%
Collective Net Pension Liability/(Asset):	
Total Pension Liability (TPL)	\$536,159,018
Fiduciary Net Position (FNP)	<u>575,410,866</u>
Net Pension Liability/(Asset) (NPL = TPL – FNP)	(\$39,251,848)
FNP as a percentage of TPL	107.32%
Collective Pension Expense:	\$10,088,736
Collective Deferred Outflows of Resources:	\$41,099,154
Collective Deferred Inflows of Resources:	\$74,051,348



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 December 31, 2019 (the Measurement Date), presents information to assist the Nebraska Public Employees Retirement System in providing the required information under GASB 68 to participating employers of the County Employees’ Retirement System Cash Balance Benefit Fund (Plan). The County Employees’ Retirement System Cash Balance Benefit Fund of the Nebraska Public Employees Retirement System is a cost-sharing multiple employer plan, so the Net Pension Liability/(Asset) and Pension Expense are allocated among the participating employers. Those amounts, which are needed for the employers’ financial statements, are provided in Appendix D. Employers may use the information in this report for fiscal years ending on or before December 31, 2020.

Much of the material provided in this report, including the Net Pension Liability/(Asset), is based on the results of the GASB 67 report for the County Employees’ Retirement System Cash Balance Benefit Fund of the Nebraska Public Employees Retirement System, which was issued June 15, 2020. See that report for more information on the member data, actuarial assumptions and methods used in developing the Net Pension Liability and other GASB 67 results.

GASB 68 requires the inclusion of a Net Pension Liability/(Asset) (NPL) on the employer’s Statement of Net Position and a determination of a Pension Expense (PE) in the Notes to the Financial Statements, that may bear little relationship to the funding requirements for the County Employees’ Retirement System Cash Balance Benefit Fund. In fact, it is possible in some years for the NPL to be an asset or the PE to be an income item. The NPL is set equal to the Total Pension Liability (TPL) minus the Fiduciary Net Position (FNP). The benefit provisions recognized in the calculation of the TPL are summarized in Appendix B.

PE includes amounts for Service Cost (the Normal Cost under Entry Age Normal (EAN) for the year), interest on the TPL, employee contributions, administrative expenses, other cash flows during the year, recognition of increases/decreases in the TPL due to changes in the benefit structure, actual versus expected experience, and actuarial assumption changes, and recognition of investment gains/losses. The actual experience and assumption change impacts are recognized over the average expected remaining service life of the Plan membership as of the beginning of the measurement period, while investment gains/losses are recognized equally over five years. The development of the PE is shown in Section III. The unrecognized portions of each year’s experience, assumption changes and investment gains/losses are used to develop Deferred Inflows and Outflows of Resources, which also must be included on the employer’s Statement of Net Position.

Among the items needed for the TPL calculation is a discount rate, as defined by GASB, or a Single Equivalent Interest Rate (SEIR). To determine the SEIR, the FNP must be projected into the future for as long as there are anticipated benefits payable under the plan provisions applicable to the membership and beneficiaries of the Plan on the Measurement Date. Future contributions were projected to be made at the



current levels set in statute. If the FNP is not projected to be depleted at any point in the future, the long-term expected rate of return on plan investments expected to be used to finance the benefit payments may be used as the SEIR.

If, however, the FNP is projected to be depleted at a future measurement date, the SEIR is determined as the single rate that will generate a present value of benefit payments equal to the sum of the present value determined by discounting all projected benefit payments through the date of depletion by the long-term expected rate of return, and the present value determined by discounting those benefits after the depletion date by a 20-year tax-exempt municipal bond (rating AA/Aa or higher) rate (Municipal Bond Index Rate). The rate used, if necessary, for this purpose is the monthly average of the Bond Buyer General Obligation 20-year Municipal Bond Index (formerly published monthly by the Board of Governors of the Federal Reserve System).

Our calculations indicate that the FNP is not projected to be depleted, so the Municipal Bond Index Rate is not used in the determination of the SEIR for either the December 31, 2018 or the December 31, 2019 TPL. The SEIR for the Measurement Date and Prior Measurement Date is 7.50%, the long-term assumed rate of return on investments, which meet the requirements of GASB 67 and 68.

The FNP projections are based upon the System's financial status on the Measurement Date, the indicated set of methods and assumptions, and the requirements of GASB 67 and 68. As such, the FNP projections are not reflective of the cash flows and asset accumulations that would occur on an ongoing plan basis, reflecting the impact of future members. Therefore, the results of this test do not necessarily indicate whether or not the fund will actually run out of money, the financial condition of the System, or the System's ability to make benefit payments in future years.

The System was effective on January 1, 1966 and consisted of a defined contribution plan that covered employees of the counties. Effective January 1, 2003, a cash balance benefit was added to the County Employees Retirement Act. Each member employed and participating in the retirement system prior to January 1, 2003 elected to either continue participation in the defined contribution plan or transfer their account balance to the cash balance plan and begin participation in the cash balance benefit plan. All new members of the System on or after January 1, 2003 participate in the cash balance benefit plan. There have been several subsequent election periods which permitted members in the defined contribution plan to elect to transfer to the cash balance benefit plan.

Members of the defined contribution plan may elect at retirement to receive an annuity (monthly benefits) rather than a lump sum. If so elected, they become members of the Cash Balance Benefit Fund at that time because their account balance is transferred to the County Employees' Retirement System Cash Balance Benefit Fund, increasing the FNP for that Plan, and a liability is reflected in the TPL equal to the present value of the expected future monthly benefit payments.

For purposes of GASB 68, the defined contribution plan is reported as a separate defined contribution plan and the Cash Balance Benefit Fund is reported as a defined benefit plan. Only GASB 68 information for the defined benefit plan is reflected in this report.



The sections that follow provide the results of all the required aggregate calculations, presented in the order laid out in GASB 68 for note disclosure and Required Supplementary Information (RSI). Some of this information was provided by the Nebraska Public Employees Retirement System for use in this report. These sections, not prepared by Cavanaugh Macdonald LLC, are: Paragraphs 74, 75, 76(a)-(d), 79, 80(f) and 82.



SECTION III – 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 (EAN) actuarial funding method. The second item is interest on the TPL at 7.50%, the SEIR in effect as of the Prior Measurement Date.

The next three items refer to any changes that occurred in the TPL due to:

- benefit changes,
- actual versus expected experience, or
- changes in actuarial assumptions or other inputs.

Benefit changes, which are reflected immediately, will increase PE if there is a benefit improvement for existing Plan members, or decrease PE if there is a benefit reduction. For the plan year ended December 31, 2019, 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 at the beginning of the measurement period. The average expected remaining service life of active members is the average number of years the active members are expected to remain in covered employment. At the beginning of the measurement period this number is 9.88 years. The average expected remaining service life of the inactive members is zero. Therefore, the recognition period is the weighted average of these two amounts, or 6.25 years.

The last item under changes in TPL is changes in actuarial assumptions or other inputs. There were no changes in the actuarial assumptions or other inputs since the Prior Measurement Date. If there was such a change, the change would be recognized over the average expected remaining service life of the entire Plan membership, using the same approach applied to experience gains and losses, as described in the prior paragraph.

Employee contributions for the year and projected earnings on the FNP at the long-term expected rate of return are subtracted from the amount determined thus far. One-fifth of the current-period difference between projected and actual earnings on the FNP is recognized in the PE.

The current year portions of previously determined experience, assumption changes and earnings amounts, recognized as Collective Deferred Outflows of Resources and Collective Deferred Inflows of Resources are included next. Collective Deferred Outflows of Resources are added to the PE while Collective Deferred Inflows of Resources are subtracted from the PE. Finally, administrative expenses and other miscellaneous items are included.

The calculation of the Collective PE for the year ended December 31, 2019 is shown in the following table.



**Collective Pension Expense
For the Year Ended**

December 31, 2019	
Service Cost at end of year	\$26,124,594
Interest on the Total Pension Liability	\$37,261,345
Benefit term changes (Dividend granted)	\$0
Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	(\$760,292)
Expensed portion of current-period assumption changes	\$0
Employee contributions	(\$12,923,475)
Projected earnings on plan investments	(\$36,534,758)
Expensed portion of current-period differences between projected and actual earnings on plan investments	(\$11,021,936)
Administrative expenses	\$755,388
Other changes	\$0
Recognition of beginning Deferred Outflows of Resources	\$17,861,683
Recognition of beginning Deferred Inflows of Resources	(\$10,673,813)
Total Pension Expense	\$10,088,736

Note: Average expected remaining service life for all members is 6.25.



SECTION IV – NOTES TO FINANCIAL STATEMENTS

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

Paragraph 74: This information is available in the State CAFR online at:

http://das.nebraska.gov/accounting/financial_reports/cafrcon.html

Paragraph 75: The state of Nebraska is the plan sponsor for two cost-sharing multiple-employer defined benefit plans: the County Employees' Retirement System Cash Balance Benefit Fund and the School Employees' Retirement System. Information for paragraphs 76 to 80 for the County Employees' Retirement System Cash Balance Benefit Fund can be found on the following pages. Similar information for the School Employees' Retirement System can be found in the GASB 68 report for that Plan.

Paragraph 76(a): The name of the pension plan is the County Employees' Retirement System Cash Balance Benefit Fund and it is administered by the Nebraska Public Employees Retirement Board which was created in 1971 to administer the Nebraska retirement plans. The County Employees' Retirement System Cash Balance Benefit Fund is a cost-sharing multiple-employer defined benefit plan.

The County Employees' Retirement System Cash Balance Benefit Fund plan has been created in accordance with Internal Revenue Code Sections 401(a) and 414(h), and 414(k). Please refer to Neb. Rev. Stat. §§ 23-2301 through 23-2334 (Reissue 2012, Cum. Supp. 2018) for the County Employees' Retirement Act. Benefit and contribution provisions are established by State law and may be amended only by the Nebraska Legislature.

Paragraph 76(b):

- (1) Classes of employees covered:** Participation in the County Employees' Retirement System Cash Balance Benefit Fund is required of all full-time employees upon employment and of all full-time elected officials upon taking office. Prior to April 2011, all permanent part-time employees could elect voluntary participation upon reaching age 20. Effective April 2011, the age requirement for permanent part-time employees decreased to age 18. Part-time elected officials may exercise the option to join.
- (2) Types of benefits:** The main benefits provided are retirement benefits. However, the Plan also provides ancillary benefits in the event of pre-retirement death, disability, or termination of employment prior to meeting the eligibility requirements to retire.
- (3) Key elements of the pension formulas:** Upon attainment of age 55, regardless of service, the retirement allowance shall be equal to the accumulated employee and employer cash balance accounts, including interest credits, annuitized for payment in the normal form, a single life annuity with five-year certain, payable monthly. Members have the option to convert their cash balance accounts to a monthly annuity with an annual cost-of-living adjustment of 2.5%. Additional forms of payment, which are actuarially equivalent to the normal form and include the option of a full or partial lump-sum, are also available under the Plan.



- (4) **Terms with respect to automatic postemployment benefit changes, including automatic COLAs and ad hoc COLAs:** When selecting an annuity, the retiree must decide if they wish to purchase an annual cost-of-living adjustment (COLA) to offset inflation. If the retiree elects an annuity with no COLA, *the monthly annuity amount will never change*. If the retiree elects an annuity with the COLA, *the monthly annuity amount increases 2.5% each year*.
- (5) **Authority under which benefit terms are established or may be amended:** Benefit and contribution provisions are established by State law (Neb. Rev. Stat. §§ 23-2301 through 23-2334 (Reissue 2012, Cum. Supp. 2018)) and may be amended only by the Nebraska Legislature.

Paragraph 76(c):

- (1) **Basis for determining the employer's contributions to the plan:** Pursuant to state statute, an actuarial valuation is performed each year to determine the actuarial required contribution. To the extent member and County payroll-related contributions are insufficient to meet the full actuarial required contribution, the remainder is paid by the State (see 76(c)(3)).
- (2) **Identification of the authority under which contribution requirements of the employer and employees are established or may be amended:** contribution provisions are established by State law (Neb. Rev. Stat. §§ 23-2301 through 23-2334 (Reissue 2012, Cum. Supp. 2018)) and may be amended only by the Nebraska Legislature.
- (3) **The contribution rates (in dollars or as a percentage of covered payroll) of those entities for the reporting period:**

Members: Each member contributes 4.50% of annual compensation. In addition, commissioned law enforcement personnel contribute an extra 1.00% of annual compensation if their county's population is less than 85,000 and an extra 2.00% of annual compensation if their county's population is more than 85,000.

County contributions: The Counties contribute 150% of the member contribution rate. The participating counties will also match the additional contributions made by commissioned law enforcement personnel at a rate of 100%.

State contributions: State statutes require the State to make a contribution if the regular, payroll-related contributions by employees and the counties are insufficient to meet the actuarial required contribution for the plan year. For the reporting period ending December 31, 2019, there were no additional state contributions.

Amount of contributions recognized by the pension plan from the employer during the reporting period (only the total amounts recognized as additions to the plan's fiduciary net position are reflected here): For the reporting period ending December 31, 2019 the plan received \$19,124,880 in employer contributions.



Paragraph 76(d): Whether the pension plan issues a stand-alone financial report (or the pension plan is included in the report of a public employee retirement system or another government) that is available to the public and, if so, how to obtain the report: Annually, the Nebraska Public Employees Retirement System prepares stand-alone financial statements for the County Employees’ Retirement Plans. The audited financial statement reports can be found at:

[http://www.nebraska.gov/auditor/FileSearch/entityresults.cgi?id=Retirement%20Systems%2C%20Public%20Employees%20\(Retirement\)](http://www.nebraska.gov/auditor/FileSearch/entityresults.cgi?id=Retirement%20Systems%2C%20Public%20Employees%20(Retirement))

Paragraph 77: This paragraph requires information to be disclosed regarding the actuarial assumptions and other inputs used to measure the TPL. The complete set of actuarial assumptions and other inputs utilized in developing the TPL are outlined in Appendix C. The TPL, as of December 31, 2019, was determined by an actuarial valuation prepared as of January 1, 2020, using the following key actuarial assumptions and other inputs:

Price Inflation	2.75 percent
Wage Inflation	3.50 percent
Salary increases, including wage inflation	3.80 to 8.00 percent
Long-term Rate of Return, net of investment expense, including price inflation	7.50 percent
Municipal Bond Index Rate	2.75 percent
Year FNP is Projected to be Depleted	N/A
Single Equivalent Interest Rate, net of investment expense, including price inflation	7.50 percent
Interest crediting rate, including dividends	6.25 percent



Mortality Pre-retirement mortality rates were based on the RP-2014 White Collar Table for Employees (100% of male rates for males, 55% of female rates for females), projected generationally with MP-2015.

Post-retirement mortality rates were based on the RP-2014 White Collar Table for Employees, set back two years, scaled (males: under 80, 1.008; over 80, 1.449; females: under 85, 0.924; over 85, 1.5855; geometrically blended), projected generationally from 2013 with a SOA projection scale tool using a 0.5% ultimate rate in 2035.

Mortality for Annuitizing Cash Balance Accounts 1994 Group Annuity Mortality Table, with 50% Male, 50% Female blending for members hired before January 1, 2018 (set statutorily). RP-2014 White Collar Mortality Table, with 55% Male, 45% Female blending for members hired on or after January 1, 2018.

The actuarial assumptions used in the valuation are based on the results of the most recent actuarial experience study, which covered the four-year period ending June 30, 2015. The experience study report is dated November 17, 2016.

Paragraph 78

(a): Discount rate (SEIR). The discount rate used to measure the TPL at December 31, 2019 was 7.50 percent. There was no change in the SEIR since the Prior Measurement Date.

(b): Projected cash flows. The projection of cash flows used to determine the discount rate was performed in accordance with GASB 67 and 68. We assumed that contributions from members and the State of Nebraska would be made at the statutory rates in law:

- a. Employee contribution rate: 4.5% of annual compensation. In addition, commissioned law enforcement personnel contribute an extra 1.00% of annual compensation if their county's population is less than 85,000 and an extra 2.00% of annual compensation if their county's population is more than 85,000.
- b. County contribution rate: 150% of the employee contribution rate. The participating counties will also match the additional contributions made by commissioned law enforcement personnel at a rate of 100%.
- c. State of Nebraska contributions: State statutes require the State to make a contribution if the regular, payroll related contributions by employees and the counties are insufficient to meet the actuarial required contribution for the plan year. No additional State contributions were assumed to be made.
- d. Administrative expenses in the prior year were projected forward with price inflation as an estimate for administrative expenses in the current and future years. The portion of



expenses in future years allocated to the current members was based on the proportionate share of covered payroll in each year for the remainder of the existing members to the total covered payroll for all members.

Based on those assumptions, the Plan's FNP was projected to be available to make all projected future benefit payments of current Plan members. Therefore, the long-term expected rate of return on Plan investments of 7.50% was applied to all periods of projected benefit payments to determine the TPL.

The FNP projections are based upon the Plan's financial status on the Measurement Date, the indicated set of methods and assumptions, and the requirements of GASB 68. As such, the FNP projections are not reflective of the cash flows and asset accumulations that would occur on an ongoing plan basis, reflecting the impact of future members. Therefore, the results of this test do not necessarily indicate whether or not the fund will actually run out of money, the financial condition of the Plan, or the Plan's ability to make benefit payments in future years.

(c): Long-term rate of return. The long-term expected rate of return on pension plan investments is reviewed regularly as part of the experience study. The experience analysis was performed and results provided in a report dated November 17, 2016. Generally, 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 an analysis in which best-estimate ranges of expected future real rates of return (expected returns, net of investment expense and inflation), along with estimates of variability and correlations for each asset class, were developed by the System's investment consultant. These ranges were combined to develop 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 investment consultants are often intended for use over a 10-year investment horizon and are not always useful in setting the long-term rate of return for funding pension plans which covers a longer timeframe. The long-term rate of return assumption is intended to be a long-term assumption (30 to 50 years) 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. A municipal bond rate was not used in determining the discount rate. If it were required, the rate would be 2.75% on the Measurement Date.

(e): Period of projected benefit payments. Projected future benefit payments for all current plan members were projected through 2119.

(f): Assumed asset allocation. The target asset allocation and best estimates of arithmetic real rates of return for each major asset class as of the most recent experience study, as provided by the System's investment consultant, Aon Hewitt Investment Consulting, Inc., are summarized in the following table:



Asset Class	Target Allocation	Long-Term Expected Real Rate of Return*
Large Cap U.S. Equity	26.1%	5.83%
Small Cap U.S. Equity	2.9%	7.56%
Global Equity	15.0%	6.51%
International Developed Equity	10.8%	6.80%
Emerging Markets	2.7%	10.55%
Core Bonds	20.0%	1.63%
High Yield	3.5%	5.22%
Bank Loans	5.0%	2.78%
International Bonds	1.5%	1.41%
Private Equity	5.0%	9.70%
Real Estate	<u>7.5%</u>	5.18%
Total	100.0%	

*Arithmetic mean, net of investment expenses

(g): Sensitivity analysis. This paragraph requires disclosure of the sensitivity of the NPL to changes in the discount rate. The following presents the NPL of the System, calculated using the discount rate of 7.50 percent, as well as the System’s NPL calculated using a discount rate that is 1-percentage-point lower (6.50 percent) or 1-percentage-point higher (8.50 percent) than the current rate.

	1% Decrease (6.50%)	Current Discount Rate (7.50%)	1% Increase (8.50%)
Total Pension Liability	\$585,505,973	\$536,159,018	\$494,481,335
Fiduciary Net Position	<u>\$575,410,866</u>	<u>\$575,410,866</u>	<u>\$575,410,866</u>
Net Pension Liability/(Asset)	\$10,095,107	(\$39,251,848)	(\$80,929,531)



Paragraph 79: The Plans' financial statements were prepared on the accrual basis of accounting. Under this method, revenues are recorded when earned and expenses are recorded when a liability is incurred. Employee and employer contributions are recognized in the period in which employee services are performed. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan.

Investments as reported in the financial statements include long-term investments. Law or legal instruments may restrict these investments. All investments are stated at fair value, based on quoted market prices. For investments where no readily ascertainable fair value exists, management has received an estimate of fair value from the investment fund manager based, in part, on real estate appraisals. The State Treasurer is the custodian of all funds; however, investment of funds is under the responsibility of the Nebraska Investment Council.

There have been no changes since the Measurement Date that would materially alter the Plan's financial report.

This information can be found in the published financials online at: <http://npers.ne.gov/SelfService/>. Go to 'Related Links' and click on 'Retirement Plan Audits'.

Paragraph 80:

(a)-(b): Although the state of Nebraska could potentially be a non-employer contributing entity based on state statutes, the state did not make any contributions to the County Employees' Retirement System Cash Balance Benefit Fund and, therefore, has no proportionate share of the Collective NPL. The detailed information for each participating employer is provided in Appendix D of this report.

(c): The Measurement Date of the Collective NPL is December 31, 2019. The TPL as of December 31, 2019 was determined based on the annual actuarial funding valuation report prepared as of January 1, 2020.

(d): There were no changes in the actuarial assumptions since the Prior Measurement Date.

(e): There were no changes in the benefit terms since the Prior Measurement Date.

(f): Based on the available information, the Nebraska Public Employees Retirement System believes that there are no changes between the Measurement Date of the NPL (December 31, 2019) and the employer's reporting date (typically June 30, 2020) that are expected to have a significant effect on the NPL.

(g): Please see Section III for the development of the Collective PE. The proportionate share of Collective PE for each participating employer is provided in Appendix D.



(h)(1)-(3): Since certain expense items are recognized over closed periods each year, the deferred portions of these items must be tracked annually. If the amounts serve to reduce PE they are labeled Deferred Inflows of Resources. If they will increase PE they are labeled Deferred Outflows of Resources. The recognition 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 recognized over the average expected remaining service life of the active and inactive Plan members at the beginning of the measurement period. Investment gains and losses are recognized equally over a five-year period.

The following tables provide the amounts of the Collective Deferred Outflows of Resources and Collective Deferred Inflows of Resources as of the Measurement Date (December 31, 2019) for the Plan. Per GASB 68, reporting of the differences between projected and actual earnings should be on a net basis, with only one Deferred Outflow or Inflow. This information is provided in the following table. Detail by participating employer is provided in Appendix D of this report.

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows/(Inflows) of Resources
Differences between expected and actual experience	\$294,604	\$13,024,554	(\$12,729,950)
Changes of assumptions	4,601,148	0	4,601,148
Differences between projected and actual earnings	35,093,829	59,917,221	(24,823,392)
Changes in proportion	<u>1,109,573</u>	<u>1,109,573</u>	<u>0</u>
Total	\$41,099,154	\$74,051,348	(\$32,952,194)



The following tables show the Collective Deferred Outflows of Resources and Collective Deferred Inflows of Resources separately to provide additional detail. Detail by participating employer is provided in Appendix D of this report.

Deferred Outflows of Resources				
	December 31, 2018	Additions	Recognition	December 31, 2019
Differences between expected and actual experience				
2014 Base	\$ 0	\$ 0	\$ 0	\$ 0
2015 Base	408,792	0	114,188	294,604
2016 Base	0	0	0	0
2017 Base	0	0	0	0
2018 Base	0	0	0	0
2019 Base	0	0	0	0
Total	<u>\$ 408,792</u>	<u>\$ 0</u>	<u>\$ 114,188</u>	<u>\$ 294,604</u>
Changes of assumptions				
2014 Base	\$ 0	\$ 0	\$ 0	\$ 0
2015 Base	0	0	0	0
2016 Base	0	0	0	0
2017 Base	5,661,320	0	1,060,172	4,601,148
2018 Base	0	0	0	0
2019 Base	0	0	0	0
Total	<u>\$ 5,661,320</u>	<u>\$ 0</u>	<u>\$ 1,060,172</u>	<u>\$ 4,601,148</u>
Differences between projected and actual earnings				
2014 Base	\$ 0	\$ 0	\$ 0	\$ 0
2015 Base	4,989,380	0	4,989,380	0
2016 Base	0	0	0	0
2017 Base	0	0	0	0
2018 Base	46,791,772	0	11,697,943	35,093,829
2019 Base	0	0	0	0
Total	<u>\$ 51,781,152</u>	<u>\$ 0</u>	<u>\$ 16,687,323</u>	<u>\$ 35,093,829</u>
Changes in proportion				
2014 Base	\$ 124,496	\$ 0	\$ 44,619	\$ 79,877
2015 Base	309,653	0	86,494	223,159
2016 Base	186,465	0	43,264	143,201
2017 Base	221,549	0	41,489	180,060
2018 Base	523,781	0	96,282	427,499
2019 Base	0	66,401	10,624	55,777
Total	<u>\$ 1,365,944</u>	<u>\$ 66,401</u>	<u>\$ 322,772</u>	<u>\$ 1,109,573</u>
Total	<u>\$ 59,217,208</u>	<u>\$ 66,401</u>	<u>\$ 18,184,455</u>	<u>\$ 41,099,154</u>



Deferred Inflows of Resources				
	December 31, 2018	Additions	Recognition	December 31, 2019
Differences between expected and actual experience				
2014 Base	\$ 1,229,222	\$ 0	\$ 440,582	\$ 788,640
2015 Base	0	0	0	0
2016 Base	3,200,534	0	742,584	2,457,950
2017 Base	5,260,247	0	985,065	4,275,182
2018 Base	1,851,619	0	340,371	1,511,248
2019 Base	0	4,751,826	760,292	3,991,534
Total	\$ 11,541,622	\$ 4,751,826	\$ 3,268,894	\$ 13,024,554
Changes of assumptions				
2014 Base	\$ 0	\$ 0	\$ 0	\$ 0
2015 Base	0	0	0	0
2016 Base	0	0	0	0
2017 Base	0	0	0	0
2018 Base	0	0	0	0
2019 Base	0	0	0	0
Total	\$ 0	\$ 0	\$ 0	\$ 0
Differences between projected and actual earnings				
2014 Base	\$ 0	\$ 0	\$ 0	\$ 0
2015 Base	0	0	0	0
2016 Base	1,001,890	0	500,945	500,945
2017 Base	22,992,797	0	7,664,266	15,328,531
2018 Base	0	0	0	0
2019 Base	0	55,109,681	11,021,936	44,087,745
Total	\$ 23,994,687	\$ 55,109,681	\$ 19,187,147	\$ 59,917,221
Changes in proportion				
2014 Base	\$ 124,496	\$ 0	\$ 44,619	\$ 79,877
2015 Base	309,653	0	86,494	223,159
2016 Base	186,465	0	43,264	143,201
2017 Base	221,549	0	41,489	180,060
2018 Base	523,781	0	96,282	427,499
2019 Base	0	66,401	10,624	55,777
Total	\$ 1,365,944	\$ 66,401	\$ 322,772	\$ 1,109,573
Total	\$ 36,902,253	\$ 59,927,908	\$ 22,778,813	\$ 74,051,348



(h)(4): Changes in each employer’s proportionate share are shown on Exhibit 2 in Appendix D. The determination of proportionate share is based on individual employer contribution information, provided by the Nebraska Public Employees Retirement System (see Exhibit 1 in Appendix D).

(h)(5): Employer contributions subsequent to the Measurement Date are considered Deferred Outflows of Resources. These amounts, if any, will be provided by each participating employer.

(i): The following table provides the Collective Deferred Outflows of Resources and Collective Deferred Inflows of Resources as of the Measurement Date (December 31, 2019) for the Plan that will be recognized in PE in future fiscal years. **These amounts do not reflect the deferred recognition of changes in proportionate share, recognition of actual contributions that differ from the proportionate share, or employer contributions subsequent to the Measurement Period.**

Appendix D contains the schedule, by participating employer, of the recognition of all amounts except for employer contributions subsequent to the Measurement Date.

Year Ending:	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows/(Inflows) of Resources
2021	\$12,872,303	\$22,456,041	(\$9,583,738)
2022	12,872,303	21,862,571	(8,990,268)
2023	12,824,343	13,850,248	(1,025,905)
2024	1,060,172	13,337,863	(12,277,691)
2025	360,460	1,244,978	(884,518)
Thereafter	0	190,074	(190,074)

(j): There were no contributions by non-employer contributing entities during the measurement period.



SECTION V – REQUIRED SUPPLEMENTARY INFORMATION

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

Paragraphs 81(a): Information under 81(a)(1) (a)-(b), which is determined as of the Measurement Date of the Collective NPL, is provided in Appendix D of this report.

Paragraphs 81(b): This information is to be determined as of the employer's most recent fiscal year-end. Therefore, each participating employer should have the information available to populate the Schedule of Employer Contributions.

Paragraph 82: Based on the available information, the Nebraska Public Employees Retirement System believes that there are no significant trends in the amounts reported in the schedules required by paragraph 81.

Changes of benefit and funding terms: The following changes to the plan provisions were made by the Nebraska Legislature and reflected in the valuation performed as of January 1 listed below:

2020: None

2019: The Board granted a dividend of 8.42% in 2018 that was first reflected in the January 1, 2019 valuation.

2018: The Board granted a dividend of 0.51% in 2017 that was first reflected in the January 1, 2018 valuation.

2017: None

2016: The Board granted a dividend of 5.81% in 2015 that was first reflected in the January 1, 2016 valuation.

2015: The Board granted a dividend of 0.29% in 2014 that was first reflected in the January 1, 2015 valuation.



Changes in actuarial assumptions:

1/1/2020 valuation: None

1/1/2019 valuation: None

1/1/2018 valuation:

- Investment return assumption was lowered from 7.75% to 7.50%.
- Price inflation assumption was lowered from 3.25% to 2.75%.
- General wage growth was lowered from 4.00% to 3.50%.
- Covered payroll growth assumption decreased from 4.00% to 3.50%.
- Individual salary increase assumption was lowered by 0.50% in order to remain consistent with the general wage growth assumption.
- Assumed cash balance interest crediting rate was lowered from 6.75% to 6.25%.
- Mortality assumption was changed to the RP-2014 While Collar Mortality Table, with adjustments made to better reflect observed experience. Generational mortality improvements are modeled using a System-specific projection scale.
- Termination rates were changed to a service-based assumption.

1/1/2017 valuation: None

1/1/2016 valuation: None

1/1/2015 valuation: None



APPENDIX A

ADDITIONAL INFORMATION

SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY/(ASSET)

Reporting Year Ended December 31

	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability/(Asset)
	(a)	(b)	(a) – (b)
Balances at December 31, 2018	\$515,425,772	\$490,374,327	\$25,051,445
Changes for the year:			
Service Cost at end of year	26,124,594		26,124,594
Interest on TPL	37,261,345		37,261,345
Benefit term changes (Dividend granted)	0		0
Differences between expected and actual experience	(4,751,826)		(4,751,826)
Assumption changes	0		0
Employer contributions		19,124,880	(19,124,880)
Employee contributions		12,923,475	(12,923,475)
Net investment income		91,644,439	(91,644,439)
Benefit payments, including member refunds	(39,518,999)	(39,518,999)	0
Administrative expenses		(755,388)	755,388
Transfers	1,618,132	1,618,132	0
Net changes	<u>20,733,246</u>	<u>85,036,539</u>	<u>(64,303,293)</u>
Balances at December 31, 2019	\$536,159,018	\$575,410,866	(\$39,251,848)



APPENDIX B

SUMMARY OF MAIN BENEFIT PROVISIONS

Membership

All permanent full-time employees of a participating County who work one-half or more of the regularly scheduled hours during each pay period shall begin immediate participation in the County Employees' Retirement System as of January 1, 2007 or date of hire, if later. Participation is voluntary for permanent, part-time employees who are age 18 or older and permanent part-time seasonal employees age 18 or older. Full-time elected officials shall begin participation upon taking office.

Existing members of the County Employees' Retirement System could have elected, during the period beginning September 1, 2012 and ending October 31, 2012 to participate in the Cash Balance Benefit Fund. If no election was made by October 31, 2012, the member was treated as though he or she elected to continue participating in the Defined Contribution plan as provided in the County Employees' Retirement Act.

Existing members of the County Employees' Retirement System could have elected, during the period beginning November 1, 2007 and ending December 31, 2007 to participate in the Cash Balance Benefit Fund. If no election was made by December 31, 2007, the member was treated as though he or she elected to continue participating in the Defined Contribution plan as provided in the County Employees' Retirement Act.

Existing members of the County Employees' Retirement System could have elected, during the period beginning October 1, 2002, and ending December 31, 2002, to participate in the Cash Balance Benefit Fund. If no election was made by January 1, 2003, the member was treated as though he or she elected to continue participating in the Defined Contribution plan as provided in the County Employees' Retirement Act. For a member who first participates in the retirement system on or after January 1, 2003, he or she shall automatically participate in the Cash Balance Benefit Fund subject to plan eligibility requirements.

Compensation Considered

Compensation means gross wages or salaries payable to the member for personal services performed during the plan year, overtime pay, member retirement contributions, and amounts contributed by the member to plans under sections 125, 403(b) and 457 of the Internal Revenue Code or any other section of the code which defers or excludes such amounts from income.

Member Contributions

Members of the County Employees' Retirement System shall contribute an amount equal to four and one-half percent (4.5%) of annual compensation to the fund. The member contribution shall be credited to the employee cash balance account. In addition, commissioned law enforcement personnel shall contribute an extra amount equal to one percent (1%) of annual compensation if their county's population is less than 85,000 and an extra two percent (2%) of annual compensation if their county's population is more than 85,000.



Employer Contributions

The County shall contribute at a rate of 150% of the members' contributions to the fund. The County contribution shall be credited to the employer cash balance account. The participating counties will also match the additional contribution made by commissioned law enforcement personnel at a rate of 100%.

Interest Credit Rate

Interest credit rate means the greater of (a) five percent or (b) the applicable federal mid-term rate as published by the Internal Revenue Service as of the first day of the calendar quarter for which interest credits are credited, plus one and one-half percent, such rate to be compounded annually.

Interest Credits

Interest credits means the amount credited to the employee cash balance account and the employer cash balance account daily. Such interest credit for each account shall be determined by applying the daily portion of the interest credit rate to the account balance at the end of the previous day.

Retirement Age

A member is eligible for retirement after attaining age 55.

Service

Service is defined to mean the actual total length of employment with a participating County and is not interrupted by a) temporary or seasonal suspension of service that does not terminate the member's employment, b) leave of absence authorized by the County for no longer than twelve months, c) leave of absence due to disability or d) leave due to military service.

Retirement Allowance

Upon attainment of age 55, regardless of service, the retirement allowance shall be equal to the accumulated employee and employer cash balance accounts including interest credits, annuitized for payment in the normal form. Also available are additional forms of payment allowed under the plan which are actuarially equivalent to the normal form including the option of a full lump sum or partial lump sum.

Normal Form of Payment

The normal form of payment under the Plan is a single life annuity with five-year certain, payable monthly. Members will have the option to convert their cash balance account to a monthly annuity with built in cost-of-living adjustments of 2.5% annually. This monthly benefit and all other options allowed under the Plan will be of actuarial equivalence to the accumulated employee and employer cash balance accounts including interest credits.

Optional Form of Payment

Optional forms of payment include a lump sum and the following annuities (with or without a 2.5% COLA): life annuity, modified cash refund, certain and life annuity (5, 10 or 15 years), certain only annuity (5, 10, 15 or 20 years) and joint and survivor annuity (50%, 75% or 100%).



Deferred Vested Allowance

A member who terminates with at least 3 years of participation in the system, including eligibility and vesting credit, may choose to leave his employee and employer cash balance accounts in the Plan and be eligible to receive a vested monthly allowance at retirement age or request a distribution of his employee and employer cash balance accounts plus interest credits, with no future benefit payable from the Plan.

Severance Benefits

A member who terminates with less than 3 years of participation in the system, including eligibility and vesting credit, may elect to receive a distribution of his/her employee cash balance account including interest credits, with no future benefit payable from the plan.

Disability Allowance

If a member becomes disabled prior to retirement, the member shall receive the total amount of his/her accumulated employee and employer cash balance accounts including interest credits, as a lump sum or converted into a monthly annuity, as defined under the retirement allowance.

Pre-retirement Death Allowance

If a member dies prior to retirement, the surviving spouse, designated beneficiary (if different), or estate shall receive the total amount of his/her accumulated employee and employer cash balance accounts including interest credits, as a lump sum or converted into a monthly annuity, as defined under the retirement allowance.

Defined Contribution Transfers at Retirement

Upon retirement, members participating in the Defined Contribution Plan may elect to annuitize their accumulated account balance and receive a monthly benefit payment. This benefit is paid from the Cash Balance Benefit Fund so the member's DC account balance amount is transferred to the Cash Balance Benefit Fund upon the retirement of a Defined Contribution member electing an annuity. The actuarial assumptions used to convert the accumulated account balance are (i) the 1994 Group Annuity Mortality Table with a 50% male / 50% female mix, and (ii) the interest rate in accordance with Nebraska State Statute 23-2317.

Benefit Improvements

In accordance with Section 23-2317 of the Nebraska State Statutes, the Public Employees' Retirement Board may grant benefit improvements if the unfunded actuarial accrued liability is less than zero, but in no event will such improvement result in an actuarially required contribution rate in excess of 90% of the total statutory contribution rate.

**Dividend Policy**

Under Nebraska Statutes, the Board may grant a dividend in addition to the regular interest credit if the UAAL is less than \$0 (i.e. a surplus exists) and the actuarial contribution after the extra dividend is no more than 90% of the scheduled contribution rate. Additionally, the Board has adopted a policy that also requires that the Accumulated Obligation be completely funded.

Year Issued	Dividend %	For Time Period
2019	0.000%	1/1/2018 – 12/31/2018
2018	8.420%	1/1/2017 – 12/31/2017
2017	0.510%	1/1/2016 – 12/31/2016
2016	0.000%	1/1/2015 – 12/31/2015
2015	5.810%	1/1/2014 – 12/31/2014
2014	0.290%	1/1/2013 – 12/31/2013
2013	0.000%	1/1/2012 – 12/31/2012
2012	0.000%	1/1/2011 – 12/31/2011
2011	0.000%	1/1/2010 – 12/31/2010
2010	0.000%	1/1/2009 – 12/31/2009
2009	0.000%	1/1/2008 – 12/31/2008
2008	5.340%	1/1/2007 – 12/31/2007
2007	2.730%	1/1/2006 – 12/31/2006
2006	16.400%	1/1/2005 – 12/31/2005
2005	2.800%	1/1/2004 – 12/31/2004
2004	3.088%	1/1/2003 – 12/31/2003

Changes in Plan Provisions Since the Prior Year

There have been no changes in plan provisions since the prior valuation.



APPENDIX C

STATEMENT OF ACTUARIAL ASSUMPTIONS

ECONOMIC ASSUMPTIONS

- 1. Long-term Assumed Investment Return 7.50% per annum, compounded annually, net of expenses.
- 2. Inflation 2.75% per annum, compounded annually.
- 3. Interest Crediting Rate on Cash Balance Accounts 6.25% per annum, compounded annually.
- 4. Annuitization Rate of Member & Employer Accumulated Balances 7.75% per annum, compounded annually, for members hired before January 1, 2018 (set statutorily). 7.50% per annum, compounded annually, for members hired on or after January 1, 2018.
- 5. Salary Scale Graduated rates by service.

Service	Annual Increase
0	8.00%
1	6.70
2	5.50
3	4.70
4	4.20
5	4.00
6	3.85
7	3.80
8	3.80
9	3.80
10+	3.80

DEMOGRAPHIC ASSUMPTIONS

- 1. Mortality
 - a. Healthy lives - Active members RP-2014 White Collar Table for Employees (100% of male rates for males, 55% of female rates for females), projected generationally with MP-2015.



b. Healthy lives – Retired members and beneficiaries

RP-2014 White Collar Table for Employees, set back two years, scaled (males: under 80, 1.008; over 80, 1.449; females: under 85, 0.924; over 85, 1.5855; geometrically blended), projected generationally from 2013 with a Society of Actuaries (SOA) projection scale tool using a 0.5% ultimate rate in 2035.

c. Disabled lives

Not applicable

d. Healthy mortality rates and projection scale are shown below at sample ages:

Pre-retirement Mortality		
Sample Age	Mortality Rate	
	Males	Females
20	0.03%	0.01%
30	0.03	0.01
40	0.04	0.02
50	0.12	0.05
60	0.33	0.11

Post-retirement Mortality		
Sample Age	Mortality Rate	
	Males	Females
50	0.23%	0.17%
60	0.47	0.31
70	1.03	0.82
80	3.65	2.28
90	14.57	12.63

Projection Scale – Post-retirement Mortality						
Sample Age	Scale (2020)		Scale (2030)		Scale (2040)	
	Males	Females	Males	Females	Males	Females
50	0.0252	0.0144	0.0080	0.0052	0.0050	0.0050
60	0.0083	0.0051	0.0066	0.0059	0.0050	0.0050
70	0.0088	0.0121	0.0061	0.0057	0.0050	0.0050
80	0.0114	0.0104	0.0057	0.0058	0.0050	0.0050
90	0.0109	0.0104	0.0057	0.0057	0.0046	0.0046



e. Mortality for Annuitization of Employee and Employer Cash Balance Accounts

1994 Group Annuity Mortality Table, with 50 % Male, 50% Female blending for members hired before January 1, 2018 (set statutorily). RP-2014 White Collar Mortality Table, with 55% Male, 45% Female blending for members hired on or after January 1, 2018.

Sample Age	Mortality Rate	Life Expectancy (Years)
55	0.34%	28.0
60	0.62%	23.5
65	1.16%	19.4
70	1.87%	15.7
75	2.99%	12.2
80	5.07%	9.3

2. Retirement

Graduated rates by retirement age.

Age	Annual Rates
55-60	4.5%
61	5.0%
62-64	10.0%
65-66	20.0%
67-69	15.0%
70-79	20.0%
80	100.0%

3. Termination

Graduated rates by service.

Service	Rate
<1	25.00%
1	20.00
5	11.50
10	6.00
15	4.75
20	3.50
25	2.25
26+	2.00

4. Disability

None.



OTHER ASSUMPTIONS

1. Payment Assumptions

As shown in the table below, 40% of all members eligible for retirement are assumed to be paid in the form of an annuity and the other 60% in the form of a lump sum, and 100% of members eligible for all other types of benefits are assumed to be paid in the form of a lump sum. Deferred vested and non-vested members are assumed to take a refund of their account balance as of the valuation date.

Benefit	Assumed Form of Payment
Retirement	60% Lump Sum / 40% Annuity*
Vested	Lump Sum
Non-vested	Lump Sum
Disability	Lump Sum
Death	Lump Sum

*Five-year certain and life annuity.

2. Cost of Living Adjustment

None assumed, except 2.5% per year is used for retirees electing annuity payments with a COLA feature.

Changes in Assumptions Since the Prior Year

There have been no changes in assumptions since the prior valuation.



APPENDIX D

DETAILED INFORMATION FOR PARTICIPATING EMPLOYERS



Exhibit 1

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Employer Allocations For the Years Ended 12/31/2018 and 12/31/2019

Employer	Year Ended December 31, 2018		Year Ended December 31, 2019	
	Actual Employer Contributions	Employer Allocated Proportion	Actual Employer Contributions	Employer Allocated Proportion
Total	\$18,289,442.11		\$19,124,879.80	
2032 - Gosper County	55,578.00	0.303880%	65,090.24	0.340343%
2034 - Hall County	886,767.36	4.848521%	945,278.97	4.942666%
2036 - Scotts Bluff County	627,794.38	3.432551%	662,735.65	3.465306%
2040 - Cheyenne County	224,985.78	1.230140%	237,784.96	1.243328%
2042 - Banner County	32,941.21	0.180111%	34,535.66	0.180580%
2044 - Dodge County	272,180.09	1.488181%	314,475.89	1.644329%
2046 - Jefferson County	189,859.67	1.038083%	236,823.07	1.238298%
2048 - Platte County	434,668.77	2.376610%	457,727.57	2.393362%
2050 - Dawson County	423,053.26	2.313101%	432,944.39	2.263776%
2052 - Seward County	317,422.57	1.735551%	359,280.82	1.878604%
2054 - Morrill County	150,877.44	0.824943%	155,269.95	0.811874%
2056 - Buffalo County	603,054.75	3.297283%	641,646.68	3.355036%
2058 - Saunders County	377,923.79	2.066349%	394,747.06	2.064050%
2060 - Washington County	378,730.00	2.070758%	402,006.71	2.102009%
2062 - Kimball County	107,060.01	0.585365%	110,793.36	0.579315%
2089 - Saline County	255,298.70	1.395880%	262,002.21	1.369955%
2090 - Adams County	346,484.73	1.894452%	366,293.91	1.915274%
2091 - Box Butte County	124,632.54	0.681445%	146,677.05	0.766944%
2119 - Madison County	354,057.07	1.935855%	368,621.92	1.927447%
2121 - York County	287,053.02	1.569501%	308,697.96	1.614117%
2123 - Custer County	222,496.36	1.216529%	249,902.86	1.306690%
2125 - Sarpy County	2,367,139.02	12.942657%	2,522,230.26	13.188218%
2126 - Cuming County	116,888.36	0.639103%	122,461.09	0.640323%
2152 - Harlan County	87,326.24	0.477468%	92,134.75	0.481753%
2164 - Gage County	256,429.21	1.402061%	257,819.33	1.348083%
2165 - Richardson County	171,414.20	0.937230%	180,356.64	0.943047%
2167 - Hitchcock County	69,773.73	0.381497%	71,727.97	0.375051%
2168 - Red Willow County	152,318.65	0.832823%	156,207.53	0.816777%
2232 - Polk County	116,500.27	0.636981%	125,901.16	0.658311%
2234 - Lincoln County	438,412.68	2.397081%	485,641.53	2.539318%
2240 - Cedar County	173,063.09	0.946246%	187,320.66	0.979461%



Exhibit 1

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Employer Allocations For the Years Ended 12/31/2018 and 12/31/2019

Employer	Year Ended December 31, 2018		Year Ended December 31, 2019	
	Actual Employer Contributions	Employer Allocated Proportion	Actual Employer Contributions	Employer Allocated Proportion
2242 - Holt County	206,251.06	1.127706%	214,336.75	1.120722%
2243 - Frontier County	67,868.43	0.371080%	70,073.93	0.366402%
2244 - Webster County	102,441.26	0.560111%	105,911.34	0.553788%
2245 - Kearney County	114,552.59	0.626332%	119,733.81	0.626063%
2246 - Nemaha County	150,287.25	0.821716%	160,091.71	0.837086%
2247 - Franklin County	102,919.56	0.562727%	110,916.13	0.579957%
2248 - Dundy County	66,122.21	0.361532%	69,571.45	0.363775%
2249 - Phelps County	186,915.99	1.021988%	193,507.35	1.011810%
2775 - Antelope County	144,155.50	0.788190%	161,265.11	0.843222%
2776 - Arthur County	9,627.70	0.052641%	15,157.98	0.079258%
2777 - Blaine County	20,590.31	0.112580%	23,011.43	0.120322%
2778 - Boone County	123,456.70	0.675016%	131,371.40	0.686914%
2779 - Boyd County	39,726.70	0.217211%	39,957.42	0.208929%
2780 - Brown County	85,413.24	0.467008%	97,874.85	0.511767%
2781 - Burt County	121,810.57	0.666016%	128,080.86	0.669708%
2782 - Butler County	204,337.75	1.117244%	227,535.11	1.189734%
2783 - Cass County	529,788.22	2.896689%	550,120.49	2.876465%
2784 - Chase County	108,741.59	0.594559%	113,745.11	0.594749%
2785 - Cherry County	144,219.92	0.788542%	143,660.55	0.751171%
2786 - Clay County	151,453.38	0.828092%	162,855.52	0.851537%
2787 - Colfax County	159,634.39	0.872823%	166,156.31	0.868797%
2788 - Dakota County	285,080.82	1.558718%	295,560.98	1.545427%
2789 - Dawes County	142,473.86	0.778995%	153,937.59	0.804907%
2790 - Deuel County	60,864.56	0.332785%	66,562.84	0.348043%
2791 - Dixon County	109,269.14	0.597444%	112,954.75	0.590617%
2792 - Fillmore County	159,610.71	0.872693%	165,214.82	0.863874%
2793 - Furnas County	94,616.67	0.517329%	101,103.47	0.528649%
2794 - Garden County	90,285.00	0.493645%	92,762.21	0.485034%
2795 - Garfield County	36,330.27	0.198641%	41,143.27	0.215130%
2796 - Grant County	17,346.65	0.094845%	20,937.28	0.109477%
2797 - Greeley County	50,461.45	0.275905%	53,711.48	0.280846%
2798 - Hamilton County	188,167.49	1.028831%	185,858.87	0.971817%
2799 - Hayes County	40,436.85	0.221094%	39,155.87	0.204738%
2800 - Hooker County	24,051.04	0.131502%	22,974.52	0.120129%



Exhibit 1

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Employer Allocations For the Years Ended 12/31/2018 and 12/31/2019

Employer	Year Ended December 31, 2018		Year Ended December 31, 2019	
	Actual Employer Contributions	Employer Allocated Proportion	Actual Employer Contributions	Employer Allocated Proportion
2801 - Howard County	109,189.59	0.597009%	125,729.53	0.657413%
2802 - Johnson County	97,434.06	0.532734%	100,782.22	0.526969%
2803 - Keith County	158,208.62	0.865027%	178,230.94	0.931932%
2804 - Keya Paha County	24,754.19	0.135347%	28,341.36	0.148191%
2805 - Knox County	146,252.68	0.799656%	153,828.62	0.804338%
2806 - Logan County	28,838.30	0.157677%	31,477.50	0.164589%
2807 - Loup County	23,686.77	0.129511%	25,205.70	0.131795%
2808 - McPherson County	22,027.74	0.120440%	23,102.13	0.120796%
2809 - Merrick County	140,510.62	0.768261%	147,310.75	0.770257%
2810 - Nance County	103,316.22	0.564895%	113,149.08	0.591633%
2811 - Nuckolls County	87,420.48	0.477983%	92,622.74	0.484305%
2812 - Otoe County	256,101.58	1.400270%	276,388.43	1.445177%
2813 - Pawnee County	56,729.81	0.310178%	64,430.15	0.336892%
2814 - Perkins County	113,698.19	0.621660%	119,449.26	0.624575%
2815 - Pierce County	106,184.98	0.580581%	111,491.43	0.582965%
2816 - Rock County	58,794.09	0.321465%	67,581.06	0.353367%
2817 - Sheridan County	125,002.41	0.683468%	143,626.46	0.750993%
2818 - Sherman County	90,365.04	0.494083%	100,334.02	0.524626%
2819 - Sioux County	52,545.39	0.287299%	51,565.27	0.269624%
2820 - Stanton County	89,161.43	0.487502%	93,596.00	0.489394%
2821 - Thayer County	134,541.14	0.735622%	134,706.15	0.704350%
2822 - Thomas County	25,954.08	0.141907%	27,615.92	0.144398%
2823 - Thurston County	136,019.11	0.743703%	149,049.38	0.779348%
2824 - Valley County	93,161.06	0.509371%	98,087.63	0.512880%
2825 - Wayne County	111,258.02	0.608318%	121,615.40	0.635902%
2826 - Wheeler County	35,274.57	0.192868%	37,024.48	0.193593%
2833 - Four Corners Health Department	20,363.35	0.111339%	20,385.40	0.106591%
2834 - Loup Basin Public Health Department	24,953.42	0.136436%	25,938.30	0.135626%
2835 - Panhandle Public Health Department	46,917.97	0.256530%	55,877.38	0.292171%
2836 - South Heartland District Health Department	30,294.24	0.165638%	28,331.50	0.148139%
2837 - Two Rivers Public Health Department	33,054.61	0.180731%	30,967.06	0.161920%
2838 - Three Rivers Public Health Department	39,601.32	0.216526%	44,361.22	0.231956%
2839 - Elkhorn Logan Valley Public Health Department	36,791.31	0.201161%	41,076.26	0.214779%
2840 - Northeast Nebraska Public Health Department	16,590.29	0.090710%	19,793.79	0.103498%



Exhibit 1

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Employer Allocations For the Years Ended 12/31/2018 and 12/31/2019

Employer	Year Ended December 31, 2018		Year Ended December 31, 2019	
	Actual Employer Contributions	Employer Allocated Proportion	Actual Employer Contributions	Employer Allocated Proportion
2841 - Southwest Nebraska Public Health Department	17,532.01	0.095859%	18,494.58	0.096704%
2842 - West Central District Health Department	39,224.19	0.214464%	27,804.12	0.145382%
2843 - Sandhills District Health Department (dissolved) 7/1/2014	-	0.000000%	-	0.000000%
2844 - Southeast District Health Department	24,420.16	0.133521%	25,580.96	0.133757%
2845 - Public Health Solutions	47,199.82	0.258071%	42,791.03	0.223745%
2846 - Sarpy/Cass Department of Health and Wellness	36,458.40	0.199341%	36,429.52	0.190482%
2847 - Stuhr Museum	37,060.62	0.202634%	37,233.48	0.194686%
2848 - Western Nebraska Regional Airport	22,456.03	0.122781%	29,139.32	0.152363%
2849 - Saunders Medical Center	330,583.58	1.807510%	-	0.000000%
2850 - Nemaha County Hospital	298,016.84	1.629447%	312,383.90	1.633390%



Exhibit 2

County Employees' Retirement System Cash Balance Benefit Fund
 Schedule of Deferred Resources
 Measurement Date: 12/31/2019

Employer	Deferred Outflows of Resources						Deferred Inflows of Resources					
	12/31/18 Net Pension Liability (NPL)	12/31/19 Net Pension Liability (NPL)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion	Total Deferred Inflows of Resources
Total	\$25,051,445	(\$39,251,848)	\$294,604	\$35,093,829	\$4,601,148	\$1,109,573	\$41,099,154	\$13,024,554	\$59,917,221	\$0	\$1,109,573	\$74,051,348
2032 - Gosper County	76,126	(133,591)	1,003	119,439	15,660	5,700	141,802	44,328	203,924	0	7,107	255,359
2034 - Hall County	1,214,625	(1,940,088)	14,561	1,734,571	227,419	2,164	1,978,715	643,760	2,961,508	0	102,836	3,708,104
2036 - Scotts Bluff County	859,904	(1,360,197)	10,209	1,216,109	159,444	28,128	1,413,890	451,341	2,076,315	0	48,578	2,576,234
2040 - Cheyenne County	308,168	(488,029)	3,663	436,331	57,207	3,767	500,968	161,938	744,968	0	15,654	922,560
2042 - Banner County	45,120	(70,881)	532	63,372	8,309	3,041	75,254	23,520	108,199	0	0	131,719
2044 - Dodge County	372,811	(645,430)	4,844	577,058	75,658	13,200	670,760	214,167	985,236	0	30,753	1,230,156
2046 - Jefferson County	260,055	(486,055)	3,648	434,566	56,976	6,471	501,661	161,283	741,954	0	21,079	924,316
2048 - Platte County	595,375	(939,439)	7,051	839,922	110,122	23,029	980,124	311,725	1,434,036	0	0	1,745,761
2050 - Dawson County	579,465	(888,574)	6,669	794,446	104,160	4,911	910,186	294,847	1,356,392	0	23,199	1,674,438
2052 - Seward County	434,781	(737,387)	5,534	659,274	86,437	10,373	761,618	244,680	1,125,607	0	32,380	1,402,667
2054 - Morrill County	206,660	(318,676)	2,392	284,918	37,356	1,804	326,470	105,743	486,452	0	15,778	607,973
2056 - Buffalo County	826,017	(1,316,914)	9,884	1,177,411	154,370	2,935	1,344,600	436,978	2,010,244	0	26,887	2,474,109
2058 - Saunders County	517,650	(810,178)	6,081	724,354	94,970	29,052	854,457	268,833	1,236,721	0	2,201	1,507,755
2060 - Washington County	518,755	(825,077)	6,193	737,675	96,717	9,399	849,984	273,777	1,259,465	0	18,754	1,551,996
2062 - Kimball County	146,642	(227,392)	1,707	203,304	26,655	7,499	239,165	75,453	347,109	0	700	423,262
2089 - Saline County	349,688	(537,733)	4,036	480,770	63,034	3,307	551,147	178,431	820,839	0	24,700	1,023,970
2090 - Adams County	474,588	(751,780)	5,642	672,143	88,125	13,859	779,769	249,456	1,147,579	0	31,642	1,428,677
2091 - Box Butte County	170,712	(301,040)	2,259	269,150	35,288	20,054	326,751	99,891	459,532	0	4,413	563,836
2119 - Madison County	484,960	(756,559)	5,678	676,415	88,685	6,099	776,877	251,041	1,154,873	0	8,367	1,414,281
2121 - York County	393,183	(633,571)	4,755	566,455	74,268	11,799	657,277	210,232	967,134	0	12,303	1,189,669
2123 - Custer County	304,758	(512,900)	3,850	458,568	60,123	5,380	527,921	170,191	782,932	0	12,388	965,511
2125 - Sarpy County	3,242,324	(5,176,614)	38,855	4,628,252	606,810	112,294	5,386,211	1,717,707	7,902,012	0	52,010	9,671,729
2126 - Cuming County	160,105	(251,339)	1,886	224,714	29,462	6,726	262,788	83,399	383,664	0	1,758	468,821
2152 - Harlan County	119,613	(189,097)	1,419	169,066	22,166	3,626	196,277	62,746	288,653	0	2,404	353,803
2164 - Gage County	351,237	(529,147)	3,972	473,094	62,027	9,243	548,336	175,582	807,734	0	20,405	1,003,721
2165 - Richardson County	234,790	(370,163)	2,778	330,951	43,391	562	377,682	122,828	565,048	0	25,281	713,157
2167 - Hitchcock County	95,571	(147,214)	1,105	131,620	17,257	3,877	153,859	48,849	224,720	0	6,812	280,381
2168 - Red Willow County	208,634	(320,600)	2,406	286,638	37,581	4,562	331,187	106,382	489,390	0	11,657	607,429
2232 - Polk County	159,573	(258,399)	1,939	231,027	30,290	3,814	267,070	85,742	394,442	0	8,732	488,916
2234 - Lincoln County	600,503	(996,729)	7,481	891,144	116,838	15,676	1,031,139	330,735	1,521,489	0	7,664	1,859,888
2240 - Cedar County	237,048	(384,457)	2,886	343,730	45,066	1,104	392,786	127,570	586,866	0	12,169	726,605
2242 - Holt County	282,507	(439,904)	3,302	393,304	51,566	459	448,631	145,969	671,505	0	18,083	835,557
2243 - Frontier County	92,961	(143,820)	1,079	128,584	16,859	5,974	152,496	47,722	219,538	0	8,482	275,742
2244 - Webster County	140,316	(217,372)	1,631	194,345	25,481	2,508	223,965	72,128	331,814	0	3,999	407,941
2245 - Kearney County	156,905	(245,741)	1,844	219,709	28,806	6,954	257,313	81,542	375,120	0	3,277	459,939
2246 - Nemaha County	205,852	(328,572)	2,466	293,766	38,516	6,040	340,788	109,027	501,559	0	4,768	615,354
2247 - Franklin County	140,971	(227,644)	1,709	203,529	26,685	2,752	234,675	75,537	347,494	0	3,677	426,708
2248 - Dundy County	90,569	(142,788)	1,072	127,663	16,738	1,149	146,622	47,380	217,964	0	7,830	273,174
2249 - Phelps County	256,023	(397,154)	2,981	355,083	46,555	8,172	412,791	131,784	606,248	0	8,361	746,393
2775 - Antelope County	197,453	(330,980)	2,484	295,919	38,798	13,948	351,149	109,826	505,235	0	12,008	627,069
2776 - Arthur County	13,187	(31,110)	233	27,815	3,647	2,448	34,143	10,323	47,489	0	1,125	58,937
2777 - Blaine County	28,203	(47,229)	354	42,226	5,536	240	48,356	15,671	72,094	0	1,800	89,565
2778 - Boone County	169,101	(269,626)	2,024	241,064	31,606	6,087	280,781	89,467	411,580	0	2,066	503,113
2779 - Boyd County	54,414	(82,008)	616	73,321	9,613	1,339	84,889	27,212	125,184	0	3,451	155,847
2780 - Brown County	116,992	(200,878)	1,508	179,599	23,547	2,302	206,956	66,655	306,637	0	3,962	377,254
2781 - Burt County	166,847	(262,873)	1,973	235,026	30,814	4,966	272,779	87,226	401,270	0	3,818	492,314
2782 - Butler County	279,886	(466,993)	3,505	417,523	54,741	5,711	481,480	154,958	712,856	0	9,687	877,501
2783 - Cass County	725,662	(1,129,066)	8,474	1,009,462	132,350	4,968	1,155,254	374,647	1,723,498	0	40,706	2,138,851

Deferred Outflows for contributions made after 12/31/19 are not reflected. Please consult GASB 68, Paragraph 89.



Exhibit 2

County Employees' Retirement System Cash Balance Benefit Fund
 Schedule of Deferred Resources
 Measurement Date: 12/31/2019

Employer	Deferred Outflows of Resources							Deferred Inflows of Resources				
	12/31/18 Net Pension Liability (NPL)	12/31/19 Net Pension Liability (NPL)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion	Total Deferred Inflows of Resources
2784 - Chase County	148,946	(233,450)	1,752	208,720	27,365	642	238,479	77,463	356,357	0	10,708	444,528
2785 - Cherry County	197,541	(294,848)	2,213	263,615	34,562	13,091	313,481	97,837	450,081	0	10,506	558,424
2786 - Clay County	207,449	(334,244)	2,509	298,837	39,180	5,580	346,106	110,909	510,217	0	2,306	623,432
2787 - Colfax County	218,655	(341,019)	2,560	304,894	39,975	76	347,505	113,157	520,559	0	3,860	637,576
2788 - Dakota County	390,481	(606,609)	4,553	542,350	71,107	19,449	637,459	201,285	925,977	0	6,563	1,133,825
2789 - Dawes County	195,150	(315,941)	2,371	282,473	37,035	867	322,746	104,836	482,278	0	4,838	591,952
2790 - Deuel County	83,367	(136,613)	1,025	122,142	16,014	5,504	144,685	45,331	208,538	0	1,732	255,601
2791 - Dixon County	149,668	(231,828)	1,740	207,270	27,175	5,384	241,569	76,925	353,881	0	3,464	434,270
2792 - Fillmore County	218,622	(339,087)	2,545	303,166	39,748	0	345,459	112,516	517,609	0	5,684	635,809
2793 - Furnas County	129,598	(207,505)	1,557	185,523	24,324	3,131	214,535	68,854	316,752	0	3,531	389,137
2794 - Garden County	123,665	(190,385)	1,429	170,217	22,317	1,683	195,646	63,174	290,619	0	5,487	359,280
2795 - Garfield County	49,762	(84,443)	634	75,497	9,898	4,496	90,525	28,020	128,900	0	810	157,730
2796 - Grant County	23,760	(42,972)	323	38,420	5,037	542	44,322	14,259	65,596	0	2,131	81,986
2797 - Greeley County	69,118	(110,237)	827	98,560	12,922	5,092	117,401	36,579	168,275	0	0	204,854
2798 - Hamilton County	257,737	(381,456)	2,863	341,048	44,715	8,420	397,046	126,575	582,286	0	3,711	712,572
2799 - Hayes County	55,387	(80,363)	603	71,850	9,420	2,290	84,163	26,666	122,673	0	9,323	158,662
2800 - Hooker County	32,943	(47,153)	354	42,158	5,527	1,456	49,495	15,646	71,978	0	1,952	89,576
2801 - Howard County	149,559	(258,047)	1,937	230,711	30,249	6,452	269,349	85,625	393,904	0	1,280	480,809
2802 - Johnson County	133,458	(206,845)	1,552	184,934	24,247	1,680	212,413	68,635	315,745	0	10,024	394,404
2803 - Keith County	216,702	(365,801)	2,746	327,051	42,880	6,162	378,839	121,380	558,388	0	5,040	684,808
2804 - Keya Paha County	33,906	(58,168)	437	52,006	6,818	1,029	60,290	19,301	88,792	0	2,100	110,193
2805 - Knox County	200,325	(315,718)	2,370	282,273	37,009	2,570	324,222	104,761	481,937	0	13,375	600,073
2806 - Logan County	39,500	(64,604)	485	57,761	7,573	2,847	68,666	21,437	98,617	0	3,604	123,658
2807 - Loup County	32,444	(51,732)	388	46,252	6,064	1,512	54,216	17,166	78,968	0	41	96,175
2808 - McPherson County	30,172	(47,415)	356	42,392	5,558	853	49,159	15,733	72,378	0	451	88,562
2809 - Merrick County	192,460	(302,340)	2,269	270,313	35,441	6,845	314,868	100,323	461,517	0	22,854	584,694
2810 - Nance County	141,514	(232,227)	1,743	207,627	27,222	7,701	244,293	77,058	354,490	0	3,515	435,063
2811 - Nuckolls County	119,742	(190,099)	1,427	169,961	22,284	1,031	194,703	63,079	290,182	0	10,288	363,549
2812 - Otoe County	350,788	(567,259)	4,258	507,168	66,495	14,928	592,849	188,228	865,910	0	17,856	1,071,994
2813 - Pawnee County	77,704	(132,236)	992	118,228	15,501	2,331	137,052	43,879	201,856	0	650	246,385
2814 - Perkins County	155,735	(245,157)	1,840	219,187	28,738	11,932	261,697	81,348	374,228	0	3,892	459,468
2815 - Pierce County	145,444	(228,825)	1,717	204,585	26,823	4,873	237,998	75,929	349,296	0	3,546	428,771
2816 - Rock County	80,532	(138,703)	1,041	124,010	16,259	3,157	144,467	46,024	211,728	0	1,192	258,944
2817 - Sheridan County	171,219	(294,779)	2,212	263,552	34,554	6,762	307,080	97,813	449,974	0	11,657	559,444
2818 - Sherman County	123,775	(205,925)	1,546	184,111	24,139	1,510	211,306	68,330	314,341	0	5,394	388,065
2819 - Sioux County	71,973	(105,832)	794	94,621	12,406	1,722	109,543	35,117	161,551	0	5,879	202,547
2820 - Stanton County	122,126	(192,096)	1,442	171,747	22,518	6,991	202,698	63,741	293,231	0	4,660	361,632
2821 - Thayer County	184,284	(276,470)	2,075	247,183	32,408	4,931	286,597	91,738	422,027	0	2,723	516,488
2822 - Thomas County	35,550	(56,679)	425	50,675	6,644	101	57,845	18,807	86,519	0	3,627	108,953
2823 - Thurston County	186,308	(305,908)	2,296	273,503	35,859	1,122	312,780	101,507	466,964	0	21,243	589,714
2824 - Valley County	127,605	(201,315)	1,511	179,989	23,598	581	205,679	66,800	307,303	0	830	374,933
2825 - Wayne County	152,392	(249,603)	1,873	223,162	29,259	1,914	256,208	82,823	381,015	0	16,073	479,911
2826 - Wheeler County	48,316	(75,989)	570	67,939	8,908	1,593	79,010	25,215	115,996	0	1,381	142,592
2833 - Four Corners Health Department	27,892	(41,839)	314	37,407	4,904	4,593	47,218	13,883	63,866	0	108	77,857
2834 - Loup Basin Public Health Department	34,179	(53,236)	400	47,596	6,240	1,254	55,490	17,665	81,263	0	3,890	102,818
2835 - Panhandle Public Health Department	64,264	(114,683)	861	102,534	13,443	3,501	120,339	38,054	175,061	0	2,500	215,615
2836 - South Heartland District Health Department	41,495	(58,147)	436	51,988	6,816	1,378	60,618	19,294	88,761	0	3,879	111,934
2837 - Two Rivers Public Health Department	45,276	(63,557)	477	56,824	7,450	0	64,751	21,089	97,018	0	6,163	124,270
2838 - Three Rivers Public Health Department	54,243	(91,047)	683	81,402	10,673	4,906	97,664	30,211	138,982	0	5,126	174,319
2839 - Elkhorn Logan Valley Public Health Department	50,394	(84,305)	633	75,374	9,882	6,975	92,864	27,974	128,690	0	3,161	159,825

Deferred Outflows for contributions made after 12/31/19 are not reflected. Please consult GASB 68, Paragraph 89.



Exhibit 2

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Deferred Resources Measurement Date: 12/31/2019

Employer	Deferred Outflows of Resources						Deferred Inflows of Resources					
	12/31/18 Net Pension Liability (NPL)	12/31/19 Net Pension Liability (NPL)	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion	Total Deferred Inflows of Resources
2840 - Northeast Nebraska Public Health Department	22,724	(40,625)	305	36,321	4,762	8,232	49,620	13,480	62,013	0	2,715	78,208
2841 - Southwest Nebraska Public Health Department	24,014	(37,958)	285	33,937	4,449	9,312	47,983	12,595	57,942	0	897	71,434
2842 - West Central District Health Department	53,726	(57,065)	428	51,020	6,689	27,449	85,586	18,935	87,109	0	8,257	114,301
2843 - Sandhills District Health Department (dissolved) 7/1/2014	0	0	0	0	0	6,172	6,172	0	0	0	0	0
2844 - Southeast District Health Department	33,449	(52,502)	394	46,940	6,154	3,451	56,939	17,421	80,143	0	2,632	100,196
2845 - Public Health Solutions	64,651	(87,824)	659	78,521	10,295	14,502	103,977	29,142	134,062	0	15,259	178,463
2846 - Sarpy/Cass Department of Health and Wellness	49,938	(74,768)	561	66,847	8,764	6,933	83,105	24,809	114,132	0	204	139,145
2847 - Stuhr Museum	50,763	(76,418)	574	68,323	8,958	3,442	81,297	25,357	116,650	0	245	142,252
2848 - Western Nebraska Regional Airport	30,758	(59,805)	449	53,470	7,010	1,301	62,230	19,845	91,292	0	4,845	115,982
2849 - Saunders Medical Center	452,807	0	0	0	0	363,889	363,889	0	0	0	72,183	72,183
2850 - Nemaha County Hospital	408,200	(641,136)	4,812	573,219	75,155	11,978	665,164	212,742	978,682	0	2,017	1,193,441

Deferred Outflows for contributions made after 12/31/19 are not reflected. Please consult GASB 68, Paragraph 89.



Exhibit 3

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Pension Amounts by Employer Measurement Date: 12/31/2019

Employer	Pension Expense		
	Proportionate Share of Plan Pension Expense	Net Recognition of Deferred Amounts from	
		Changes in Proportionate Share	Total Employer Pension Expense
Total	\$10,088,736	\$0	\$10,088,736
2032 - Gosper County	34,336	(178)	34,158
2034 - Hall County	498,653	(29,377)	469,276
2036 - Scotts Bluff County	349,606	(3,458)	346,148
2040 - Cheyenne County	125,436	(3,660)	121,776
2042 - Banner County	18,218	1,029	19,247
2044 - Dodge County	165,892	(4,134)	161,758
2046 - Jefferson County	124,929	(4,059)	120,870
2048 - Platte County	241,460	7,478	248,938
2050 - Dawson County	228,386	(4,034)	224,352
2052 - Seward County	189,527	(6,361)	183,166
2054 - Morrill County	81,908	(3,523)	78,385
2056 - Buffalo County	338,481	(7,871)	330,610
2058 - Saunders County	208,237	6,774	215,011
2060 - Washington County	212,066	(606)	211,460
2062 - Kimball County	58,446	2,062	60,508
2089 - Saline County	138,211	(4,019)	134,192
2090 - Adams County	193,227	(6,338)	186,889
2091 - Box Butte County	77,375	4,863	82,238
2119 - Madison County	194,455	(1,353)	193,102
2121 - York County	162,844	1,202	164,046
2123 - Custer County	131,829	(2,777)	129,052
2125 - Sarpy County	1,330,526	24,533	1,355,059
2126 - Cuming County	64,600	1,519	66,119



Exhibit 3

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Pension Amounts by Employer Measurement Date: 12/31/2019

Employer	Pension Expense		
	Proportionate Share of Plan Pension Expense	Net Recognition of Deferred Amounts from Changes in Proportionate Share	Total Employer Pension Expense
2152 - Harlan County	48,603	114	48,717
2164 - Gage County	136,005	(2,793)	133,212
2165 - Richardson County	95,142	(6,499)	88,643
2167 - Hitchcock County	37,838	(413)	37,425
2168 - Red Willow County	82,402	(2,277)	80,125
2232 - Polk County	66,415	(405)	66,010
2234 - Lincoln County	256,185	2,975	259,160
2240 - Cedar County	98,815	(2,873)	95,942
2242 - Holt County	113,067	(5,617)	107,450
2243 - Frontier County	36,965	(898)	36,067
2244 - Webster County	55,870	(543)	55,327
2245 - Kearney County	63,162	1,559	64,721
2246 - Nemaha County	84,451	348	84,799
2247 - Franklin County	58,510	(21)	58,489
2248 - Dundy County	36,700	(2,960)	33,740
2249 - Phelps County	102,079	(602)	101,477
2775 - Antelope County	85,070	71	85,141
2776 - Arthur County	7,996	440	8,436
2777 - Blaine County	12,139	(538)	11,601
2778 - Boone County	69,301	2,329	71,630
2779 - Boyd County	21,078	(553)	20,525
2780 - Brown County	51,631	(764)	50,867
2781 - Burt County	67,565	127	67,692
2782 - Butler County	120,029	(484)	119,545
2783 - Cass County	290,199	(9,054)	281,145



Exhibit 3

County Employees' Retirement System Cash Balance Benefit Fund

Schedule of Pension Amounts by Employer

Measurement Date: 12/31/2019

Employer	Pension Expense		
	Proportionate Share of Plan Pension Expense	Net Recognition of Deferred Amounts from Changes in Proportionate Share	Total Employer Pension Expense
2784 - Chase County	60,003	(3,282)	56,721
2785 - Cherry County	75,784	245	76,029
2786 - Clay County	85,909	518	86,427
2787 - Colfax County	87,651	(1,006)	86,645
2788 - Dakota County	155,914	2,545	158,459
2789 - Dawes County	81,205	(1,270)	79,935
2790 - Deuel County	35,113	887	36,000
2791 - Dixon County	59,586	1,215	60,801
2792 - Fillmore County	87,154	(2,313)	84,841
2793 - Furnas County	53,334	(544)	52,790
2794 - Garden County	48,934	(1,317)	47,617
2795 - Garfield County	21,704	848	22,552
2796 - Grant County	11,045	(332)	10,713
2797 - Greeley County	28,334	1,789	30,123
2798 - Hamilton County	98,044	2,050	100,094
2799 - Hayes County	20,655	(1,627)	19,028
2800 - Hooker County	12,119	(29)	12,090
2801 - Howard County	66,325	1,200	67,525
2802 - Johnson County	53,165	(1,920)	51,245
2803 - Keith County	94,020	11	94,031
2804 - Keya Paha County	14,951	(183)	14,768
2805 - Knox County	81,148	(3,359)	77,789
2806 - Logan County	16,605	167	16,772
2807 - Loup County	13,296	405	13,701
2808 - McPherson County	12,187	74	12,261



Exhibit 3

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Pension Amounts by Employer Measurement Date: 12/31/2019

Employer	Pension Expense		
	Proportionate Share of Plan Pension Expense	Net Recognition of Deferred Amounts from Changes in Proportionate Share	Total Employer Pension Expense
2809 - Merrick County	77,709	(3,323)	74,386
2810 - Nance County	59,688	1,374	61,062
2811 - Nuckolls County	48,860	(2,193)	46,667
2812 - Otoe County	145,800	(1,039)	144,761
2813 - Pawnee County	33,988	300	34,288
2814 - Perkins County	63,012	1,252	64,264
2815 - Pierce County	58,814	614	59,428
2816 - Rock County	35,650	715	36,365
2817 - Sheridan County	75,766	(1,487)	74,279
2818 - Sherman County	52,928	(1,187)	51,741
2819 - Sioux County	27,202	(718)	26,484
2820 - Stanton County	49,374	1,302	50,676
2821 - Thayer County	71,060	960	72,020
2822 - Thomas County	14,568	(989)	13,579
2823 - Thurston County	78,626	(5,249)	73,377
2824 - Valley County	51,743	(16)	51,727
2825 - Wayne County	64,154	(4,645)	59,509
2826 - Wheeler County	19,531	242	19,773
2833 - Four Corners Health Department	10,754	1,477	12,231
2834 - Loup Basin Public Health Department	13,683	(844)	12,839
2835 - Panhandle Public Health Department	29,476	(237)	29,239
2836 - South Heartland District Health Department	14,945	(622)	14,323
2837 - Two Rivers Public Health Department	16,336	(1,707)	14,629
2838 - Three Rivers Public Health Department	23,401	448	23,849
2839 - Elkhorn Logan Valley Public Health Department	21,668	820	22,488



Exhibit 3

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Pension Amounts by Employer Measurement Date: 12/31/2019

Employer	Pension Expense		
	Proportionate Share of Plan Pension Expense	Net Recognition of Deferred Amounts from Changes in Proportionate Share	Total Employer Pension Expense
2840 - Northeast Nebraska Public Health Department	10,442	1,463	11,905
2841 - Southwest Nebraska Public Health Department	9,756	2,065	11,821
2842 - West Central District Health Department	14,667	4,285	18,952
2843 - Sandhills District Health Department (dissolved) 7/1/2014	0	2,743	2,743
2844 - Southeast District Health Department	13,494	93	13,587
2845 - Public Health Solutions	22,573	(2,334)	20,239
2846 - Sarpy/Cass Department of Health and Wellness	19,217	2,035	21,252
2847 - Stuhr Museum	19,641	1,057	20,698
2848 - Western Nebraska Regional Airport	15,372	(1,099)	14,273
2849 - Saunders Medical Center	0	67,694	67,694
2850 - Nemaha County Hospital	164,788	3,597	168,385



Exhibit 4

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Recognition Amounts by Employer Measurement Date: 12/31/2019

Employer	NPL Sensitivities			Schedule of Recognition of Deferred Outflows/(Inflows) of Resources for Fiscal Year					
	1% Decrease (6.50%)	Current		2021	2022	2023	2024	2025	Thereafter
		Discount Rate (7.50%)	1% Increase (8.50%)						
Total	\$10,095,107	(\$39,251,848)	(\$80,929,531)	(\$9,583,738)	(\$8,990,268)	(\$1,025,905)	(\$12,277,691)	(\$884,518)	(\$190,074)
2032 - Gosper County	34,358	(133,591)	(275,438)	(32,796)	(30,677)	(3,807)	(42,496)	(3,172)	(609)
2034 - Hall County	498,967	(1,940,088)	(4,000,076)	(503,069)	(473,139)	(73,203)	(621,765)	(48,922)	(9,291)
2036 - Scotts Bluff County	349,826	(1,360,197)	(2,804,456)	(335,564)	(315,402)	(40,247)	(430,912)	(33,670)	(6,549)
2040 - Cheyenne County	125,515	(488,029)	(1,006,220)	(122,817)	(115,540)	(15,779)	(153,696)	(11,407)	(2,350)
2042 - Banner County	18,230	(70,881)	(146,143)	(16,277)	(15,258)	(1,216)	(21,869)	(1,502)	(342)
2044 - Dodge County	165,997	(645,430)	(1,330,748)	(161,722)	(151,657)	(19,845)	(206,891)	(16,325)	(2,956)
2046 - Jefferson County	125,008	(486,055)	(1,002,149)	(122,735)	(115,098)	(15,678)	(155,211)	(11,796)	(2,137)
2048 - Platte County	241,612	(939,439)	(1,936,937)	(221,895)	(207,880)	(19,381)	(291,530)	(20,421)	(4,528)
2050 - Dawson County	228,531	(888,574)	(1,832,063)	(220,988)	(207,305)	(26,864)	(282,662)	(22,078)	(4,356)
2052 - Seward County	189,647	(737,387)	(1,520,345)	(186,401)	(175,689)	(25,855)	(233,015)	(16,674)	(3,413)
2054 - Morrill County	81,960	(318,676)	(657,046)	(81,331)	(76,721)	(12,240)	(101,750)	(7,905)	(1,559)
2056 - Buffalo County	338,694	(1,316,914)	(2,715,215)	(329,409)	(308,982)	(38,755)	(415,092)	(30,957)	(6,315)
2058 - Saunders County	208,368	(810,178)	(1,670,426)	(191,039)	(178,863)	(14,382)	(248,353)	(16,735)	(3,926)
2060 - Washington County	212,200	(825,077)	(1,701,146)	(202,057)	(190,311)	(25,066)	(260,830)	(19,786)	(3,962)
2062 - Kimball County	58,482	(227,392)	(468,837)	(53,458)	(49,951)	(4,165)	(70,462)	(4,952)	(1,110)
2089 - Saline County	138,298	(537,733)	(1,108,698)	(135,312)	(127,559)	(19,884)	(173,389)	(14,044)	(2,635)
2090 - Adams County	193,349	(751,780)	(1,550,022)	(189,893)	(178,672)	(24,411)	(235,341)	(16,975)	(3,616)
2091 - Box Butte County	77,424	(301,040)	(620,684)	(68,639)	(64,477)	(5,468)	(91,682)	(5,456)	(1,362)
2119 - Madison County	194,578	(756,559)	(1,559,874)	(186,074)	(174,515)	(20,591)	(236,030)	(16,520)	(3,673)
2121 - York County	162,947	(633,571)	(1,306,297)	(153,491)	(143,962)	(16,430)	(200,217)	(15,274)	(3,017)
2123 - Custer County	131,912	(512,900)	(1,057,498)	(128,007)	(120,184)	(14,766)	(160,691)	(11,559)	(2,386)
2125 - Sarpy County	1,331,363	(5,176,614)	(10,673,163)	(1,239,387)	(1,160,840)	(122,388)	(1,621,166)	(116,941)	(24,798)
2126 - Cuming County	64,641	(251,339)	(518,210)	(59,848)	(56,043)	(5,396)	(78,026)	(5,505)	(1,214)
2152 - Harlan County	48,633	(189,097)	(389,880)	(46,056)	(43,168)	(4,419)	(58,788)	(4,183)	(913)
2164 - Gage County	136,090	(529,147)	(1,090,997)	(131,990)	(123,455)	(15,029)	(168,695)	(13,592)	(2,624)
2165 - Richardson County	95,202	(370,163)	(763,204)	(96,878)	(91,165)	(15,676)	(120,175)	(9,795)	(1,783)
2167 - Hitchcock County	37,862	(147,214)	(303,527)	(36,357)	(34,281)	(4,688)	(46,754)	(3,720)	(722)
2168 - Red Willow County	82,455	(320,600)	(661,014)	(80,555)	(75,611)	(9,452)	(101,253)	(7,800)	(1,571)
2232 - Polk County	66,457	(258,399)	(532,768)	(63,496)	(59,917)	(8,805)	(82,213)	(6,190)	(1,226)
2234 - Lincoln County	256,347	(996,729)	(2,055,058)	(240,386)	(225,730)	(24,838)	(311,054)	(22,069)	(4,672)
2240 - Cedar County	98,878	(384,457)	(792,673)	(96,742)	(90,905)	(12,883)	(122,246)	(9,220)	(1,823)
2242 - Holt County	113,138	(439,904)	(906,995)	(113,024)	(106,130)	(15,270)	(139,663)	(10,703)	(2,136)
2243 - Frontier County	36,989	(143,820)	(296,527)	(36,013)	(33,857)	(4,139)	(45,063)	(3,470)	(704)
2244 - Webster County	55,905	(217,372)	(448,178)	(53,617)	(50,187)	(5,679)	(68,322)	(5,114)	(1,058)
2245 - Kearney County	63,202	(245,741)	(506,670)	(58,441)	(54,669)	(5,291)	(77,258)	(5,773)	(1,191)
2246 - Nemaha County	84,505	(328,572)	(677,450)	(79,876)	(75,088)	(8,516)	(102,304)	(7,209)	(1,573)
2247 - Franklin County	58,547	(227,644)	(469,356)	(55,602)	(52,276)	(6,342)	(71,474)	(5,251)	(1,086)
2248 - Dundy County	36,723	(142,788)	(294,401)	(37,823)	(35,376)	(4,825)	(44,699)	(3,140)	(690)
2249 - Phelps County	102,143	(397,154)	(818,853)	(97,571)	(91,563)	(10,096)	(123,519)	(8,922)	(1,932)

Deferred Outflows for contributions made after 12/31/19 are not reflected. Please consult GASB 68, Paragraph 89.



Exhibit 4

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Recognition Amounts by Employer Measurement Date: 12/31/2019

Employer	NPL Sensitivities			Schedule of Recognition of Deferred Outflows/(Inflows) of Resources for Fiscal Year					
	1% Decrease (6.50%)	Current		2021	2022	2023	2024	2025	Thereafter
		Discount Rate (7.50%)	1% Increase (8.50%)						
2775 - Antelope County	85,124	(330,980)	(682,416)	(80,741)	(75,502)	(8,379)	(102,888)	(6,867)	(1,543)
2776 - Arthur County	8,001	(31,110)	(64,143)	(7,156)	(6,681)	(564)	(9,688)	(587)	(119)
2777 - Blaine County	12,147	(47,229)	(97,376)	(12,070)	(11,366)	(1,619)	(14,856)	(1,075)	(222)
2778 - Boone County	69,345	(269,626)	(555,916)	(63,503)	(59,968)	(7,299)	(84,282)	(5,989)	(1,292)
2779 - Boyd County	21,092	(82,008)	(169,085)	(20,576)	(19,431)	(2,843)	(25,810)	(1,891)	(407)
2780 - Brown County	51,663	(200,878)	(414,171)	(49,811)	(46,590)	(5,280)	(63,128)	(4,565)	(924)
2781 - Burt County	67,608	(262,873)	(541,992)	(64,056)	(60,255)	(6,936)	(81,437)	(5,583)	(1,268)
2782 - Butler County	120,105	(466,993)	(962,846)	(114,505)	(107,589)	(13,849)	(147,276)	(10,620)	(2,179)
2783 - Cass County	290,382	(1,129,066)	(2,327,910)	(284,727)	(268,121)	(39,158)	(358,591)	(27,507)	(5,492)
2784 - Chase County	60,041	(233,450)	(481,328)	(60,281)	(56,741)	(8,475)	(73,912)	(5,507)	(1,131)
2785 - Cherry County	75,832	(294,848)	(607,919)	(71,745)	(66,694)	(6,134)	(92,286)	(6,615)	(1,467)
2786 - Clay County	85,964	(334,244)	(689,145)	(81,091)	(76,027)	(7,807)	(103,638)	(7,168)	(1,596)
2787 - Colfax County	87,706	(341,019)	(703,113)	(84,269)	(79,121)	(9,776)	(107,286)	(7,964)	(1,654)
2788 - Dakota County	156,013	(606,609)	(1,250,707)	(145,565)	(136,575)	(13,318)	(185,815)	(12,140)	(2,952)
2789 - Dawes County	81,256	(315,941)	(651,407)	(78,410)	(73,666)	(9,299)	(99,179)	(7,153)	(1,499)
2790 - Deuel County	35,135	(136,613)	(281,670)	(32,469)	(30,396)	(2,502)	(42,065)	(2,838)	(646)
2791 - Dixon County	59,623	(231,828)	(477,984)	(55,388)	(51,867)	(5,653)	(73,190)	(5,473)	(1,130)
2792 - Fillmore County	87,209	(339,087)	(699,129)	(85,105)	(79,682)	(9,572)	(106,505)	(7,837)	(1,649)
2793 - Furnas County	53,368	(207,505)	(427,833)	(51,209)	(47,891)	(5,180)	(64,719)	(4,607)	(995)
2794 - Garden County	48,965	(190,385)	(392,536)	(47,801)	(44,836)	(5,537)	(59,981)	(4,550)	(929)
2795 - Garfield County	21,718	(84,443)	(174,104)	(19,770)	(18,435)	(1,292)	(25,730)	(1,588)	(390)
2796 - Grant County	11,052	(42,972)	(88,599)	(10,824)	(10,191)	(1,536)	(13,830)	(1,091)	(191)
2797 - Greeley County	28,352	(110,237)	(227,287)	(25,127)	(23,593)	(1,893)	(33,989)	(2,321)	(531)
2798 - Hamilton County	98,106	(381,456)	(786,487)	(91,087)	(85,344)	(8,781)	(119,484)	(8,924)	(1,907)
2799 - Hayes County	20,669	(80,363)	(165,694)	(21,249)	(20,128)	(3,732)	(26,494)	(2,493)	(404)
2800 - Hooker County	12,127	(47,153)	(97,220)	(11,542)	(10,854)	(1,348)	(14,903)	(1,195)	(239)
2801 - Howard County	66,367	(258,047)	(532,041)	(61,805)	(57,957)	(5,585)	(79,633)	(5,299)	(1,181)
2802 - Johnson County	53,198	(206,845)	(426,474)	(52,423)	(49,216)	(7,236)	(66,673)	(5,433)	(1,011)
2803 - Keith County	94,080	(365,801)	(754,208)	(89,303)	(83,940)	(9,541)	(113,648)	(7,839)	(1,699)
2804 - Keya Paha County	14,960	(58,168)	(119,930)	(14,385)	(13,532)	(1,843)	(18,477)	(1,400)	(266)
2805 - Knox County	81,199	(315,718)	(650,947)	(80,444)	(75,770)	(10,753)	(99,757)	(7,608)	(1,521)
2806 - Logan County	16,615	(64,604)	(133,201)	(15,607)	(14,601)	(1,819)	(20,938)	(1,726)	(303)
2807 - Loup County	13,305	(51,732)	(106,661)	(12,226)	(11,467)	(1,050)	(15,903)	(1,066)	(248)
2808 - McPherson County	12,194	(47,415)	(97,760)	(11,503)	(10,804)	(1,186)	(14,674)	(1,006)	(232)
2809 - Merrick County	77,758	(302,340)	(623,365)	(77,142)	(73,342)	(13,007)	(97,109)	(7,765)	(1,462)
2810 - Nance County	59,726	(232,227)	(478,806)	(55,326)	(51,767)	(5,159)	(72,437)	(4,986)	(1,095)
2811 - Nuckolls County	48,891	(190,099)	(391,946)	(48,608)	(45,835)	(7,329)	(61,203)	(4,955)	(917)
2812 - Otoe County	145,892	(567,259)	(1,169,575)	(139,541)	(130,151)	(14,268)	(179,251)	(13,236)	(2,700)
2813 - Pawnee County	34,010	(132,236)	(272,645)	(31,987)	(29,941)	(2,927)	(41,036)	(2,829)	(611)
2814 - Perkins County	63,052	(245,157)	(505,466)	(58,606)	(54,439)	(3,585)	(75,051)	(4,905)	(1,185)
2815 - Pierce County	58,851	(228,825)	(471,791)	(55,256)	(51,873)	(5,807)	(71,515)	(5,220)	(1,103)
2816 - Rock County	35,673	(138,703)	(285,978)	(33,151)	(31,189)	(3,423)	(43,113)	(2,963)	(639)

Deferred Outflows for contributions made after 12/31/19 are not reflected. Please consult GASB 68, Paragraph 89.



Exhibit 4

County Employees' Retirement System Cash Balance Benefit Fund Schedule of Recognition Amounts by Employer Measurement Date: 12/31/2019

Employer	NPL Sensitivities			Schedule of Recognition of Deferred Outflows/(Inflows) of Resources for Fiscal Year					
	1% Decrease (6.50%)	Current		2021	2022	2023	2024	2025	Thereafter
		Discount Rate (7.50%)	1% Increase (8.50%)						
2817 - Sheridan County	75,814	(294,779)	(607,775)	(73,460)	(68,662)	(8,429)	(93,598)	(6,858)	(1,355)
2818 - Sherman County	52,962	(205,925)	(424,577)	(51,466)	(48,444)	(6,601)	(64,688)	(4,595)	(966)
2819 - Sioux County	27,219	(105,832)	(218,205)	(26,558)	(24,995)	(3,903)	(34,237)	(2,777)	(534)
2820 - Stanton County	49,405	(192,096)	(396,064)	(45,601)	(42,801)	(5,042)	(60,324)	(4,242)	(926)
2821 - Thayer County	71,105	(276,470)	(570,027)	(66,543)	(62,602)	(7,233)	(86,045)	(6,095)	(1,373)
2822 - Thomas County	14,577	(56,679)	(116,861)	(14,828)	(13,923)	(2,256)	(18,350)	(1,480)	(272)
2823 - Thurston County	78,676	(305,908)	(630,723)	(79,940)	(75,347)	(12,707)	(99,267)	(8,233)	(1,441)
2824 - Valley County	51,776	(201,315)	(415,071)	(49,170)	(46,131)	(5,364)	(63,071)	(4,551)	(969)
2825 - Wayne County	64,195	(249,603)	(514,633)	(65,588)	(61,619)	(9,606)	(79,597)	(6,115)	(1,179)
2826 - Wheeler County	19,543	(75,989)	(156,674)	(18,311)	(17,236)	(2,126)	(23,822)	(1,719)	(366)
2833 - Four Corners Health Department	10,760	(41,839)	(86,264)	(8,738)	(8,200)	(188)	(12,524)	(783)	(206)
2834 - Loup Basin Public Health Department	13,692	(53,236)	(109,761)	(13,842)	(12,907)	(1,659)	(17,185)	(1,480)	(256)
2835 - Panhandle Public Health Department	29,495	(114,683)	(236,453)	(28,238)	(26,437)	(2,604)	(35,202)	(2,278)	(515)
2836 - South Heartland District Health Department	14,955	(58,147)	(119,888)	(14,819)	(14,048)	(2,241)	(18,445)	(1,464)	(299)
2837 - Two Rivers Public Health Department	16,346	(63,557)	(131,041)	(17,225)	(16,262)	(3,111)	(20,773)	(1,817)	(331)
2838 - Three Rivers Public Health Department	23,416	(91,047)	(187,721)	(21,782)	(20,459)	(2,275)	(29,238)	(2,474)	(427)
2839 - Elkhorn Logan Valley Public Health Department	21,682	(84,305)	(173,820)	(19,764)	(18,525)	(1,223)	(25,418)	(1,634)	(396)
2840 - Northeast Nebraska Public Health Department	10,448	(40,625)	(83,760)	(8,456)	(7,818)	315	(11,796)	(650)	(183)
2841 - Southwest Nebraska Public Health Department	9,762	(37,958)	(78,262)	(7,203)	(6,522)	1,121	(10,395)	(267)	(185)
2842 - West Central District Health Department	14,676	(57,065)	(117,657)	(9,648)	(8,255)	3,987	(14,470)	25	(354)
2843 - Sandhills District Health Department (dissolved) 7/1/2014	0	0	0	2,743	2,503	926	0	0	0
2844 - Southeast District Health Department	13,503	(52,502)	(108,249)	(12,726)	(11,804)	(761)	(16,425)	(1,287)	(254)
2845 - Public Health Solutions	22,587	(87,824)	(181,076)	(23,777)	(22,421)	(2,194)	(24,631)	(997)	(465)
2846 - Sarpy/Cass Department of Health and Wellness	19,229	(74,768)	(154,156)	(16,221)	(15,235)	(638)	(22,268)	(1,306)	(371)
2847 - Stuhr Museum	19,654	(76,418)	(157,558)	(17,601)	(16,528)	(1,347)	(23,491)	(1,611)	(377)
2848 - Western Nebraska Regional Airport	15,381	(59,805)	(123,307)	(15,701)	(14,724)	(2,247)	(19,277)	(1,542)	(260)
2849 - Saunders Medical Center	0	0	0	67,694	68,087	70,368	64,472	23,063	(1,978)
2850 - Nemaha County Hospital	164,892	(641,136)	(1,321,895)	(152,943)	(143,482)	(14,822)	(199,690)	(14,240)	(3,099)

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