



**Cavanaugh Macdonald**  
CONSULTING, LLC

*The experience and dedication you deserve*

***THE NEBRASKA PUBLIC EMPLOYEES***

***RETIREMENT SYSTEM***

**COUNTY EMPLOYEES' RETIREMENT SYSTEM**

**CASH BALANCE BENEFIT FUND**

**GASB STATEMENT NO. 68 REPORT**

**MEASUREMENT DATE: DECEMBER 31, 2018**





# Cavanaugh Macdonald

CONSULTING, LLC

*The experience and dedication you deserve*

July 3, 2019

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, 2018, and may be used by employers for financial reporting for fiscal years ending on or before December 31, 2019. 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, 2019. 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.



Board of Trustees  
July 3, 2019  
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

### Appendix

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

<b>Valuation Date (VD):</b>	January 1, 2019
<b>Prior Measurement Date:</b>	December 31, 2017
<b>Measurement Date (MD):</b>	December 31, 2018
<b>Membership Data:</b>	
Retirees and Beneficiaries	682
Inactive Vested Members	1,393
Inactive Nonvested Members	1,777
Active Employees	<u>6,646</u>
Total	10,498
<b>Single Equivalent Interest Rate (SEIR):</b>	
Long-Term Expected Rate of Return	7.50%
Municipal Bond Index Rate at Prior Measurement Date	3.43%
Municipal Bond Index Rate at Measurement Date	4.13%
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%
<b>Collective Net Pension Liability/(Asset):</b>	
Total Pension Liability (TPL)	\$515,425,772
Fiduciary Net Position (FNP)	<u>490,374,327</u>
Net Pension Liability/(Asset) (NPL = TPL – FNP)	\$25,051,445
FNP as a percentage of TPL	95.14%
<b>Collective Pension Expense:</b>	\$49,107,180
<b>Collective Deferred Outflows of Resources:</b>	\$59,217,208
<b>Collective Deferred Inflows of Resources:</b>	\$36,902,253



## **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, 2018 (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, 2019.

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 28, 2019. 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, 2017 or the December 31, 2018 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, 2018, there was one benefit change to be recognized, a dividend of 8.42% granted by the PERB in 2018 (based on December 31, 2017 account balances).

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 9.85 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 6.44 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, 2018 is shown in the following table.



**Collective Pension Expense  
For the Year Ended**

<b>December 31, 2018</b>	
Service Cost at end of year	\$25,625,451
Interest on the Total Pension Liability	\$33,168,144
Benefit term changes (Dividend granted)	\$32,324,341
Expensed portion of current-period difference between expected and actual experience in the Total Pension Liability	(\$340,371)
Expensed portion of current-period assumption changes	\$0
Employee contributions	(\$12,368,734)
Projected earnings on plan investments	(\$38,328,179)
Expensed portion of current-period differences between projected and actual earnings on plan investments	\$11,697,943
Administrative expenses	\$728,112
Other changes*	\$0
Recognition of beginning Deferred Outflows of Resources	\$6,933,915
Recognition of beginning Deferred Inflows of Resources	(\$10,333,442)
<b>Total Pension Expense</b>	<b>\$49,107,180</b>

Note: Average expected remaining service life for all members is 6.44.



## **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](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. 2016, Supp. 2017) 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. 2016, Supp. 2017)) 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. 2016, Supp. 2017)) 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, 2018, 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, 2018 the plan received \$18,289,442 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, 2018, was determined by an actuarial valuation prepared as of January 1, 2019, 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	4.13 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, 2018 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 4.13% on the Measurement Date.

**(e): Period of projected benefit payments.** Projected future benefit payments for all current plan members were projected through 2118.

**(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	\$564,209,664	\$515,425,772	\$474,251,026
Fiduciary Net Position	<u>\$490,374,327</u>	<u>\$490,374,327</u>	<u>\$490,374,327</u>
Net Pension Liability/(Asset)	\$73,835,337	\$25,051,445	(\$16,123,301)





**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, 2018. The TPL as of December 31, 2018 was determined based on the annual actuarial funding valuation report prepared as of January 1, 2019.

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

**(e):** There was one benefit change in the benefit terms since the Prior Measurement Date. The PERB granted a dividend of 8.42% in 2018 which was credited to the December 31, 2017 account balance of members.

**(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, 2018) and the employer's reporting date (typically June 30, 2019) 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, 2018) 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	\$408,792	\$11,541,622	(\$11,132,830)
Changes of assumptions	5,661,320	0	5,661,320
Differences between projected and actual earnings	51,781,152	23,994,687	27,786,465
Changes in proportion	<u>1,365,944</u>	<u>1,365,944</u>	<u>0</u>
Total	\$59,217,208	\$36,902,253	\$22,314,955



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, 2017		Additions	Recognition	December 31, 2018		
Differences between expected and actual experience							
2014 Base	\$	0	\$ 0	\$ 0	\$	0	
2015 Base		522,980		0	114,188	408,792	
2016 Base		0		0	0	0	
2017 Base		0		0	0	0	
2018 Base		<u>0</u>		<u>0</u>	<u>0</u>	<u>0</u>	
Total	\$	522,980	\$	0	\$ 114,188	\$ 408,792	
Changes of assumptions							
2014 Base	\$	0	\$	0	\$	0	
2015 Base		0		0	0	0	
2016 Base		0		0	0	0	
2017 Base		6,721,492		0	1,060,172	5,661,320	
2018 Base		<u>0</u>		<u>0</u>	<u>0</u>	<u>0</u>	
Total	\$	6,721,492	\$	0	\$ 1,060,172	\$ 5,661,320	
Differences between projected and actual earnings							
2014 Base	\$	770,175	\$	0	\$ 770,175	\$	0
2015 Base		9,978,760		0	4,989,380	4,989,380	
2016 Base		0		0	0	0	
2017 Base		0		0	0	0	
2018 Base		<u>0</u>		<u>58,489,715</u>	<u>11,697,943</u>	<u>46,791,772</u>	
Total	\$	10,748,935	\$	58,489,715	\$ 17,457,498	\$ 51,781,152	
Changes in proportion							
2014 Base	\$	169,115	\$	0	\$ 44,619	\$ 124,496	
2015 Base		396,147		0	86,494	309,653	
2016 Base		229,729		0	43,264	186,465	
2017 Base		263,038		0	41,489	221,549	
2018 Base		<u>0</u>		<u>620,063</u>	<u>96,282</u>	<u>523,781</u>	
Total	\$	1,058,029	\$	620,063	\$ 312,148	\$ 1,365,944	
Total	\$	19,051,436	\$	59,109,778	\$ 18,944,006	\$ 59,217,208	



Deferred Inflows of Resources						
	December 31, 2017		Additions	Recognition	December 31, 2018	
Differences between expected and actual experience						
2014 Base	\$	1,669,804	\$ 0	\$ 440,582	\$	1,229,222
2015 Base		0	0	0		0
2016 Base		3,943,118	0	742,584		3,200,534
2017 Base		6,245,312	0	985,065		5,260,247
2018 Base		<u>0</u>	<u>2,191,990</u>	<u>340,371</u>		<u>1,851,619</u>
Total	\$	11,858,234	\$ 2,191,990	\$ 2,508,602	\$	11,541,622
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		<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
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		1,502,835	0	500,945		1,001,890
2017 Base		30,657,063	0	7,664,266		22,992,797
2018 Base		<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>
Total	\$	32,159,898	\$ 0	\$ 8,165,211	\$	23,994,687
Changes in proportion						
2014 Base	\$	169,115	\$ 0	\$ 44,619	\$	124,496
2015 Base		396,147	0	86,494		309,653
2016 Base		229,729	0	43,264		186,465
2017 Base		263,038	0	41,489		221,549
2018 Base		<u>0</u>	<u>620,063</u>	<u>96,282</u>		<u>523,781</u>
Total	\$	1,058,029	\$ 620,063	\$ 312,148	\$	1,365,944
Total	\$	45,076,161	\$ 2,812,053	\$ 10,985,961	\$	36,902,253



**(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, 2018) 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
2020	\$17,861,683	\$10,673,813	\$7,187,870
2021	12,872,303	10,673,813	2,198,490
2022	12,872,303	10,080,343	2,791,960
2023	12,824,343	2,068,020	10,756,323
2024	1,060,172	1,555,634	(495,462)
Thereafter	360,460	484,686	(124,226)

**(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:

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:***

1/1/2019 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**

	<b>Total Pension Liability</b>	<b>Plan Fiduciary Net Position</b>	<b>Net Pension Liability/(Asset)</b>
	<b>(a)</b>	<b>(b)</b>	<b>(a) – (b)</b>
<b>Balances at December 31, 2017</b>	\$457,424,951	\$511,530,924	(\$54,105,973)
<b>Changes for the year:</b>			
Service Cost at end of year	25,625,451		25,625,451
Interest on TPL	33,168,144		33,168,144
Benefit term changes (Dividend granted)	32,324,341		32,324,341
Differences between expected and actual experience	(2,191,990)		(2,191,990)
Assumption changes	0		0
Employer contributions		18,289,442	(18,289,442)
Employee contributions		12,368,734	(12,368,734)
Net investment income		(20,161,536)	20,161,536
Benefit payments, including member refunds	(32,810,743)	(32,810,743)	0
Administrative expenses		(728,112)	728,112
Transfers	1,885,618	1,885,618	0
<b>Net changes</b>	<u>58,000,821</u>	<u>(21,156,597)</u>	<u>79,157,418</u>
<b>Balances at December 31, 2018</b>	\$515,425,772	\$490,374,327	\$25,051,445





## 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.

<b>Year Issued</b>	<b>Dividend %</b>	<b>For Time Period</b>
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:

<u>Pre-retirement Mortality</u>		
Mortality Rate		
Sample Age	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

<u>Post-retirement Mortality</u>		
Mortality Rate		
Sample Age	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

<u>Projection Scale – Post-retirement Mortality</u>						
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 12/31/2017 and 12/31/2018

Employer	Year Ended December 31, 2017		Year Ended December 31, 2018	
	Actual Employer Contributions	Employer Allocated Proportion	Actual Employer Contributions	Employer Allocated Proportion
Total	\$17,752,388.88		\$18,289,442.11	
2032 - Gosper County	50,124.88	0.282356%	55,578.00	0.303880%
2034 - Hall County	832,105.95	4.687290%	886,767.36	4.848521%
2036 - Scotts Bluff County	568,564.27	3.202748%	627,794.38	3.432551%
2040 - Cheyenne County	212,200.04	1.195332%	224,985.78	1.230140%
2042 - Banner County	32,669.54	0.184029%	32,941.21	0.180111%
2044 - Dodge County	252,732.76	1.423655%	272,180.09	1.488181%
2046 - Jefferson County	168,964.81	0.951786%	189,859.67	1.038083%
2048 - Platte County	424,130.72	2.389147%	434,668.77	2.376610%
2050 - Dawson County	398,021.68	2.242074%	423,053.26	2.313101%
2052 - Seward County	311,209.68	1.753058%	317,422.57	1.735551%
2054 - Morrill County	141,037.39	0.794470%	150,877.44	0.824943%
2056 - Buffalo County	572,268.71	3.223615%	603,054.75	3.297283%
2058 - Saunders County	372,647.96	2.099143%	377,923.79	2.066349%
2060 - Washington County	353,627.60	1.992000%	378,730.00	2.070758%
2062 - Kimball County	103,983.03	0.585741%	107,060.01	0.585365%
2089 - Saline County	240,199.40	1.353054%	255,298.70	1.395880%
2090 - Adams County	326,401.38	1.838634%	346,484.73	1.894452%
2091 - Box Butte County	124,877.04	0.703438%	124,632.54	0.681445%
2119 - Madison County	348,338.71	1.962208%	354,057.07	1.935855%
2121 - York County	267,342.78	1.505954%	287,053.02	1.569501%
2123 - Custer County	211,323.13	1.190393%	222,496.36	1.216529%
2125 - Sarpy County	2,266,215.21	12.765688%	2,367,139.02	12.942657%
2126 - Cuming County	111,902.91	0.630354%	116,888.36	0.639103%
2152 - Harlan County	85,578.11	0.482065%	87,326.24	0.477468%
2164 - Gage County	235,537.68	1.326794%	256,429.21	1.402061%
2165 - Richardson County	156,533.41	0.881760%	171,414.20	0.937230%
2167 - Hitchcock County	63,231.36	0.356185%	69,773.73	0.381497%
2168 - Red Willow County	145,678.15	0.820612%	152,318.65	0.832823%
2232 - Polk County	109,802.72	0.618524%	116,500.27	0.636981%
2234 - Lincoln County	419,714.34	2.364270%	438,412.68	2.397081%



# Exhibit 1

## County Employees' Retirement System Cash Balance Benefit Fund Schedule of Employer Allocations For the Years Ended 12/31/2017 and 12/31/2018

Employer	Year Ended December 31, 2017		Year Ended December 31, 2018	
	Actual Employer Contributions	Employer Allocated Proportion	Actual Employer Contributions	Employer Allocated Proportion
2240 - Cedar County	163,416.56	0.920533%	173,063.09	0.946246%
2242 - Holt County	192,827.59	1.086206%	206,251.06	1.127706%
2243 - Frontier County	61,657.73	0.347321%	67,868.43	0.371080%
2244 - Webster County	97,026.94	0.546557%	102,441.26	0.560111%
2245 - Kearney County	110,313.71	0.621402%	114,552.59	0.626332%
2246 - Nemaha County	147,958.70	0.833458%	150,287.25	0.821716%
2247 - Franklin County	97,536.14	0.549425%	102,919.56	0.562727%
2248 - Dundy County	65,188.24	0.367208%	66,122.21	0.361532%
2249 - Phelps County	178,901.88	1.007762%	186,915.99	1.021988%
2775 - Antelope County	138,076.42	0.777791%	144,155.50	0.788190%
2776 - Arthur County	9,819.31	0.055313%	9,627.70	0.052641%
2777 - Blaine County	19,655.96	0.110723%	20,590.31	0.112580%
2778 - Boone County	119,298.85	0.672016%	123,456.70	0.675016%
2779 - Boyd County	39,061.85	0.220037%	39,726.70	0.217211%
2780 - Brown County	80,677.72	0.454461%	85,413.24	0.467008%
2781 - Burt County	120,774.10	0.680326%	121,810.57	0.666016%
2782 - Butler County	195,955.94	1.103829%	204,337.75	1.117244%
2783 - Cass County	495,207.16	2.789524%	529,788.22	2.896689%
2784 - Chase County	106,133.73	0.597856%	108,741.59	0.594559%
2785 - Cherry County	143,573.03	0.808753%	144,219.92	0.788542%
2786 - Clay County	149,442.47	0.841816%	151,453.38	0.828092%
2787 - Colfax County	152,675.39	0.860027%	159,634.39	0.872823%
2788 - Dakota County	284,829.00	1.604454%	285,080.82	1.558718%
2789 - Dawes County	137,957.37	0.777120%	142,473.86	0.778995%
2790 - Deuel County	61,260.55	0.345083%	60,864.56	0.332785%
2791 - Dixon County	105,412.54	0.593794%	109,269.14	0.597444%
2792 - Fillmore County	154,137.14	0.868261%	159,610.71	0.872693%
2793 - Furnas County	90,362.82	0.509018%	94,616.67	0.517329%
2794 - Garden County	86,386.77	0.486621%	90,285.00	0.493645%
2795 - Garfield County	36,282.51	0.204381%	36,330.27	0.198641%
2796 - Grant County	15,090.58	0.085006%	17,346.65	0.094845%
2797 - Greeley County	49,601.45	0.279407%	50,461.45	0.275905%
2798 - Hamilton County	180,439.77	1.016425%	188,167.49	1.028831%



# Exhibit 1

## County Employees' Retirement System Cash Balance Benefit Fund Schedule of Employer Allocations For the Years Ended 12/31/2017 and 12/31/2018

Employer	Year Ended December 31, 2017		Year Ended December 31, 2018	
	Actual Employer Contributions	Employer Allocated Proportion	Actual Employer Contributions	Employer Allocated Proportion
2799 - Hayes County	34,225.02	0.192791%	40,436.85	0.221094%
2800 - Hooker County	22,015.78	0.124016%	24,051.04	0.131502%
2801 - Howard County	107,218.83	0.603968%	109,189.59	0.597009%
2802 - Johnson County	89,648.00	0.504991%	97,434.06	0.532734%
2803 - Keith County	153,414.03	0.864188%	158,208.62	0.865027%
2804 - Keya Paha County	22,352.85	0.125915%	24,754.19	0.135347%
2805 - Knox County	137,055.79	0.772041%	146,252.68	0.799656%
2806 - Logan County	26,209.69	0.147640%	28,838.30	0.157677%
2807 - Loup County	23,177.93	0.130562%	23,686.77	0.129511%
2808 - McPherson County	21,528.67	0.121272%	22,027.74	0.120440%
2809 - Merrick County	132,680.98	0.747398%	140,510.62	0.768261%
2810 - Nance County	102,837.57	0.579289%	103,316.22	0.564895%
2811 - Nuckolls County	80,085.10	0.451123%	87,420.48	0.477983%
2812 - Otoe County	245,355.89	1.382101%	256,101.58	1.400270%
2813 - Pawnee County	54,864.85	0.309056%	56,729.81	0.310178%
2814 - Perkins County	114,873.37	0.647087%	113,698.19	0.621660%
2815 - Pierce County	99,816.17	0.562269%	106,184.98	0.580581%
2816 - Rock County	56,697.88	0.319382%	58,794.09	0.321465%
2817 - Sheridan County	120,866.91	0.680849%	125,002.41	0.683468%
2818 - Sherman County	87,272.04	0.491607%	90,365.04	0.494083%
2819 - Sioux County	50,718.13	0.285697%	52,545.39	0.287299%
2820 - Stanton County	87,478.56	0.492771%	89,161.43	0.487502%
2821 - Thayer County	132,693.77	0.747470%	134,541.14	0.735622%
2822 - Thomas County	24,296.80	0.136865%	25,954.08	0.141907%
2823 - Thurston County	121,855.81	0.686419%	136,019.11	0.743703%
2824 - Valley County	90,238.16	0.508316%	93,161.06	0.509371%
2825 - Wayne County	101,400.34	0.571193%	111,258.02	0.608318%
2826 - Wheeler County	33,572.19	0.189114%	35,274.57	0.192868%
2833 - Four Corners Health Department	20,063.91	0.113021%	20,363.35	0.111339%
2834 - Loup Basin Public Health Department	21,882.40	0.123265%	24,953.42	0.136436%
2835 - Panhandle Public Health Department	45,470.38	0.256137%	46,917.97	0.256530%
2836 - South Heartland District Health Department	29,222.17	0.164610%	30,294.24	0.165638%
2837 - Two Rivers Public Health Department	29,518.72	0.166280%	33,054.61	0.180731%



## Exhibit 1

### County Employees' Retirement System Cash Balance Benefit Fund Schedule of Employer Allocations For the Years Ended 12/31/2017 and 12/31/2018

Employer	Year Ended December 31, 2017		Year Ended December 31, 2018	
	Actual Employer Contributions	Employer Allocated Proportion	Actual Employer Contributions	Employer Allocated Proportion
2838 - Three Rivers Public Health Department	34,602.43	0.194917%	39,601.32	0.216526%
2839 - Elkhorn Logan Valley Public Health Department	34,701.75	0.195477%	36,791.31	0.201161%
2840 - Northeast Nebraska Public Health Department	13,808.94	0.077786%	16,590.29	0.090710%
2841 - Southwest Nebraska Public Health Department	20,542.20	0.115715%	17,532.01	0.095859%
2842 - West Central District Health Department	54,576.18	0.307430%	39,224.19	0.214464%
2843 - Sandhills District Health Department (dissolved) 7/1/2014	-	0.000000%	-	0.000000%
2844 - Southeast District Health Department	22,311.88	0.125684%	24,420.16	0.133521%
2845 - Public Health Solutions	53,363.60	0.300600%	47,199.82	0.258071%
2846 - Sarpy/Cass Department of Health and Wellness	37,436.04	0.210879%	36,458.40	0.199341%
2847 - Stuhr Museum	37,065.48	0.208792%	37,060.62	0.202634%
2848 - Western Nebraska Regional Airport	18,359.33	0.103419%	22,456.03	0.122781%
2849 - Saunders Medical Center	623,691.89	3.513284%	330,583.58	1.807510%
2850 - Nemaha County Hospital	287,415.20	1.619023%	298,016.84	1.629447%



## Exhibit 2

### County Employees' Retirement System Cash Balance Benefit Fund Schedule of Deferred Resources Measurement Date: 12/31/2018

Employer	Deferred Outflows of Resources							Deferred Inflows of Resources				
	12/31/17 Net Pension Liability (NPL)	12/31/18 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	(\$54,105,973)	\$25,051,445	\$408,792	\$51,781,152	\$5,661,320	\$1,365,944	\$59,217,208	\$11,541,622	\$23,994,687	\$0	\$1,365,944	\$36,902,253
2032 - Gosper County	(152,771)	76,126	1,242	157,353	17,204	6,567	182,366	35,073	72,915	0	9,150	117,138
2034 - Hall County	(2,536,104)	1,214,625	19,820	2,510,620	274,490	0	2,804,930	559,598	1,163,387	0	132,625	1,855,610
2036 - Scotts Bluff County	(1,732,878)	859,904	14,032	1,777,414	194,328	35,379	2,021,153	396,172	823,630	0	60,183	1,279,985
2040 - Cheyenne County	(646,746)	308,168	5,029	636,981	69,642	4,556	716,208	141,978	295,168	0	20,464	457,610
2042 - Banner County	(99,571)	45,120	736	93,264	10,197	4,057	108,254	20,788	43,217	0	0	64,005
2044 - Dodge County	(770,282)	372,811	6,084	770,597	84,251	12,665	873,597	171,760	357,084	0	38,625	567,469
2046 - Jefferson County	(514,973)	260,055	4,244	537,531	58,769	2,593	603,137	119,812	249,085	0	26,739	395,636
2048 - Platte County	(1,292,671)	595,375	9,715	1,230,636	134,547	30,048	1,404,946	274,299	570,260	0	0	844,559
2050 - Dawson County	(1,213,096)	579,465	9,456	1,197,750	130,952	6,815	1,344,973	266,969	555,021	0	27,788	849,778
2052 - Seward County	(948,509)	434,781	7,095	898,688	98,255	9,914	1,013,952	200,311	416,440	0	42,196	658,947
2054 - Morrill County	(429,856)	206,660	3,372	427,165	46,703	2,810	480,050	95,212	197,942	0	19,949	313,103
2056 - Buffalo County	(1,744,168)	826,017	13,479	1,707,371	186,670	2,094	1,909,614	380,560	791,173	0	35,497	1,207,230
2058 - Saunders County	(1,135,762)	517,650	8,447	1,069,979	116,983	36,670	1,232,079	238,490	495,814	0	2,982	737,286
2060 - Washington County	(1,077,791)	518,755	8,465	1,072,262	117,232	12,732	1,210,691	238,999	496,872	0	23,548	759,419
2062 - Kimball County	(316,921)	146,642	2,393	303,109	33,139	9,902	348,543	67,561	140,456	0	876	208,893
2089 - Saline County	(732,083)	349,688	5,706	722,803	79,025	5,139	812,673	161,107	334,937	0	29,842	525,886
2090 - Adams County	(994,811)	474,588	7,744	980,969	107,251	16,878	1,112,842	218,650	454,568	0	41,569	714,787
2091 - Box Butte County	(380,602)	170,712	2,786	352,860	38,579	23,911	418,136	78,650	163,511	0	5,747	247,908
2119 - Madison County	(1,061,672)	484,960	7,914	1,002,408	109,595	7,515	1,127,432	223,429	464,502	0	10,905	698,836
2121 - York County	(814,811)	393,183	6,416	812,706	88,854	14,551	922,527	181,146	376,597	0	15,074	572,817
2123 - Custer County	(644,074)	304,758	4,973	629,933	68,872	4,213	707,991	140,407	291,902	0	16,466	448,775
2125 - Sarp County	(6,907,000)	3,242,324	52,910	6,701,859	732,724	143,849	7,631,342	1,493,788	3,105,553	0	65,750	4,665,091
2126 - Cumming County	(341,059)	160,105	2,613	330,935	36,182	8,629	378,359	73,763	153,351	0	2,175	229,289
2152 - Harlan County	(260,826)	119,613	1,952	247,238	27,031	4,525	280,746	55,108	114,567	0	3,306	172,981
2164 - Gage County	(717,875)	351,237	5,732	726,003	79,375	12,531	823,641	161,821	336,420	0	25,008	523,249
2165 - Richardson County	(477,085)	234,790	3,831	485,308	53,060	594	542,793	108,172	224,885	0	31,971	365,028
2167 - Hitchcock County	(192,717)	95,571	1,560	197,544	21,598	5,279	225,981	44,031	91,539	0	8,450	144,020
2168 - Red Willow County	(444,000)	208,634	3,405	431,245	47,149	5,941	487,740	96,121	199,833	0	14,874	310,828
2232 - Polk County	(334,658)	159,573	2,604	329,836	36,062	5,090	373,592	73,518	152,842	0	10,996	237,356
2234 - Lincoln County	(1,279,211)	600,503	9,799	1,241,236	135,706	16,698	1,403,439	276,662	575,172	0	9,604	861,438
2240 - Cedar County	(498,063)	237,048	3,868	489,977	53,570	473	547,888	109,212	227,049	0	15,320	351,581
2242 - Holt County	(587,702)	282,507	4,610	583,939	63,843	565	652,957	130,156	270,590	0	23,614	424,360
2243 - Frontier County	(187,921)	92,961	1,517	192,149	21,008	7,595	222,269	42,829	89,039	0	10,873	142,741
2244 - Webster County	(295,720)	140,316	2,290	290,032	31,710	3,270	327,302	64,646	134,397	0	5,131	204,174
2245 - Kearney County	(336,216)	156,905	2,560	324,322	35,459	9,424	371,765	72,289	150,286	0	4,181	226,756
2246 - Nemaha County	(450,951)	205,852	3,359	425,494	46,520	7,622	482,995	94,839	197,168	0	6,422	298,429
2247 - Franklin County	(297,272)	140,971	2,300	291,387	31,858	3,266	328,811	64,948	135,025	0	4,684	204,657
2248 - Dundy County	(198,681)	90,569	1,478	187,205	20,467	1,346	210,496	41,727	86,748	0	11,048	139,523
2249 - Phelps County	(545,259)	256,023	4,178	529,197	57,858	10,322	601,555	117,954	245,223	0	10,834	374,011
2775 - Antelope County	(420,831)	197,453	3,222	408,134	44,622	16,504	472,482	90,970	189,124	0	15,999	296,093
2776 - Arthur County	(29,928)	13,187	215	27,258	2,980	2,463	32,916	6,076	12,631	0	1,428	20,135
2777 - Blaine County	(59,908)	28,203	460	58,295	6,374	100	65,229	12,994	27,013	0	2,409	42,416
2778 - Boone County	(363,601)	169,101	2,759	349,531	38,215	8,673	399,178	77,908	161,968	0	2,649	242,525
2779 - Boyd County	(119,053)	54,414	888	112,474	12,297	1,905	127,564	25,070	52,119	0	4,344	81,533
2780 - Brown County	(245,891)	116,992	1,909	241,822	26,439	1,718	271,888	53,900	112,057	0	5,367	171,324
2781 - Burt County	(368,097)	166,847	2,723	344,871	37,705	6,470	391,769	76,869	159,808	0	5,296	241,973
2782 - Butler County	(597,237)	279,886	4,567	578,522	63,251	5,827	652,167	128,948	268,079	0	12,271	409,298
2783 - Cass County	(1,509,299)	725,662	11,841	1,499,939	163,991	7,408	1,683,179	334,325	695,051	0	51,647	1,081,023

Deferred Outflows for contributions made after 12/31/18 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: 12/31/2018

Employer	Deferred Outflows of Resources						Deferred Inflows of Resources					
	12/31/17 Net Pension Liability (NPL)	12/31/18 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	(323,476)	148,946	2,431	307,869	33,660	782	344,742	68,622	142,663	0	14,135	225,420
2785 - Cherry County	(437,584)	197,541	3,223	408,316	44,642	17,529	473,710	91,011	189,208	0	13,676	293,895
2786 - Clay County	(455,473)	207,449	3,385	428,796	46,881	6,360	485,422	95,575	198,698	0	3,209	297,482
2787 - Colfax County	(465,326)	218,655	3,568	451,958	49,413	113	505,052	100,738	209,431	0	4,792	314,961
2788 - Dakota County	(868,105)	390,481	6,372	807,122	88,244	24,398	926,136	179,901	374,010	0	8,604	562,515
2789 - Dawes County	(420,468)	195,150	3,184	403,373	44,101	423	451,081	89,909	186,917	0	6,373	283,199
2790 - Deuel County	(186,711)	83,367	1,360	172,320	18,840	6,527	199,047	38,409	79,851	0	2,286	120,546
2791 - Dixon County	(321,278)	149,668	2,442	309,363	33,823	7,471	353,099	68,955	143,355	0	4,149	216,459
2792 - Fillmore County	(469,781)	218,622	3,567	451,890	49,406	0	504,863	100,723	209,400	0	7,756	317,879
2793 - Furnas County	(275,409)	129,598	2,115	267,879	29,288	3,620	302,902	59,708	124,131	0	4,874	188,713
2794 - Garden County	(263,291)	123,665	2,018	255,615	27,947	2,192	287,772	56,975	118,449	0	7,078	182,502
2795 - Garfield County	(110,582)	49,762	812	102,859	11,246	5,264	120,181	22,926	47,663	0	1,181	71,770
2796 - Grant County	(45,993)	23,760	388	49,112	5,369	306	55,175	10,947	22,758	0	2,628	36,333
2797 - Greeley County	(151,176)	69,118	1,128	142,867	15,620	6,746	166,361	31,844	66,203	0	0	98,047
2798 - Hamilton County	(549,947)	257,737	4,206	532,741	58,245	11,261	606,453	118,744	246,865	0	2,942	368,551
2799 - Hayes County	(104,311)	55,387	904	114,485	12,517	3,184	131,090	25,518	53,051	0	11,397	89,966
2800 - Hooker County	(67,100)	32,943	538	68,093	7,445	1,897	77,973	15,177	31,553	0	2,111	48,841
2801 - Howard County	(326,783)	149,559	2,441	309,138	33,799	6,495	351,873	68,905	143,250	0	1,776	213,931
2802 - Johnson County	(273,230)	133,458	2,178	275,856	30,160	2,331	310,525	61,486	127,828	0	12,436	201,750
2803 - Keith County	(467,577)	216,702	3,536	447,921	48,972	6,270	506,699	99,838	207,561	0	6,967	314,366
2804 - Keya Paha County	(68,128)	33,906	553	70,084	7,662	987	79,286	15,621	32,476	0	2,593	50,690
2805 - Knox County	(417,720)	200,325	3,269	414,071	45,271	3,400	466,011	92,293	191,875	0	17,692	301,860
2806 - Logan County	(79,882)	39,500	645	81,647	8,927	3,728	94,947	18,198	37,834	0	4,508	60,540
2807 - Loup County	(70,642)	32,444	529	67,062	7,332	1,869	76,792	14,948	31,076	0	56	46,080
2808 - McPherson County	(65,615)	30,172	492	62,365	6,818	1,091	70,766	13,901	28,899	0	625	43,425
2809 - Merrick County	(404,387)	192,460	3,141	397,814	43,494	10,535	454,984	88,670	184,342	0	29,923	302,935
2810 - Nance County	(313,430)	141,514	2,309	292,509	31,981	9,382	336,181	65,198	135,545	0	4,554	205,297
2811 - Nuckolls County	(244,084)	119,742	1,954	247,505	27,060	1,381	277,900	55,167	114,691	0	13,003	182,861
2812 - Otoe County	(747,799)	350,788	5,724	725,076	79,274	19,283	829,357	161,614	335,990	0	24,479	522,083
2813 - Pawnee County	(167,218)	77,704	1,268	160,614	17,560	2,185	181,627	35,800	74,426	0	935	111,161
2814 - Perkins County	(350,113)	155,735	2,541	321,903	35,194	15,280	374,918	71,750	149,165	0	6,068	226,983
2815 - Pierce County	(304,221)	145,444	2,373	300,632	32,869	6,220	342,094	67,008	139,309	0	4,344	210,661
2816 - Rock County	(172,805)	80,532	1,314	166,458	18,199	3,396	189,367	37,102	77,135	0	1,589	115,826
2817 - Sheridan County	(368,380)	171,219	2,794	353,908	38,693	7,228	402,623	78,883	163,996	0	15,458	258,337
2818 - Sherman County	(265,989)	123,775	2,020	255,842	27,972	1,259	287,093	57,025	118,554	0	7,165	182,744
2819 - Sioux County	(154,579)	71,973	1,174	148,767	16,265	2,448	168,654	33,159	68,936	0	6,839	108,934
2820 - Stanton County	(266,619)	122,126	1,993	252,434	27,599	9,629	291,655	56,266	116,975	0	6,048	179,289
2821 - Thayer County	(404,426)	184,284	3,007	380,914	41,646	6,730	432,297	84,903	176,510	0	2,706	264,119
2822 - Thomas County	(74,052)	35,550	580	73,481	8,034	62	82,157	16,378	34,050	0	4,645	55,073
2823 - Thurston County	(371,394)	186,308	3,040	385,098	42,103	469	430,710	85,835	178,449	0	26,815	291,099
2824 - Valley County	(275,029)	127,605	2,082	263,758	28,837	697	295,374	58,790	122,222	0	1,058	182,070
2825 - Wayne County	(309,050)	152,392	2,487	314,994	34,439	1,574	353,494	70,210	145,964	0	21,134	237,308
2826 - Wheeler County	(102,322)	48,316	788	99,869	10,919	2,177	113,753	22,260	46,278	0	1,743	70,281
2833 - Four Corners Health Department	(61,151)	27,892	455	57,653	6,303	6,091	70,502	12,850	26,715	0	0	39,565
2834 - Loup Basin Public Health Department	(66,694)	34,179	558	70,648	7,724	1,647	80,577	15,747	32,737	0	5,105	53,589
2835 - Panhandle Public Health Department	(138,585)	64,264	1,049	132,834	14,523	3,345	151,751	29,608	61,554	0	3,557	94,719
2836 - South Heartland District Health Department	(89,064)	41,495	677	85,769	9,377	2,025	97,848	19,117	39,744	0	4,669	63,530
2837 - Two Rivers Public Health Department	(89,967)	45,276	739	93,585	10,232	0	104,556	20,859	43,366	0	7,355	71,580
2838 - Three Rivers Public Health Department	(105,462)	54,243	885	112,120	12,258	6,091	131,354	24,991	51,955	0	6,285	83,231
2839 - Elkhorn Logan Valley Public Health Department	(105,765)	50,394	825	104,163	11,388	8,469	124,842	23,217	48,268	0	4,207	75,692
2840 - Northeast Nebraska Public Health Department	(42,087)	22,724	371	46,971	5,135	10,027	62,504	10,469	21,766	0	3,397	35,632

Deferred Outflows for contributions made after 12/31/18 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: 12/31/2018

Employer	Deferred Outflows of Resources							Deferred Inflows of Resources				
	12/31/17 Net Pension Liability (NPL)	12/31/18 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
2841 - Southwest Nebraska Public Health Department	(62,609)	24,014	392	49,637	5,427	11,856	67,312	11,064	23,001	0	1,399	35,464
2842 - West Central District Health Department	(166,338)	53,726	877	111,052	12,141	35,056	159,126	24,753	51,460	0	9,689	85,902
2843 - Sandhills District Health Department (dissolved) 7/1/2014	0	0	0	0	0	8,915	8,915	0	0	0	0	0
2844 - Southeast District Health Department	(68,003)	33,449	546	69,139	7,559	4,502	81,746	15,410	32,038	0	3,596	51,044
2845 - Public Health Solutions	(162,643)	64,651	1,055	133,632	14,610	17,962	167,259	29,786	61,923	0	20,113	111,822
2846 - Sarpy/Cass Department of Health and Wellness	(114,098)	49,938	815	103,221	11,285	9,007	124,328	23,007	47,831	0	0	70,838
2847 - Stuhr Museum	(112,969)	50,763	828	104,926	11,472	4,557	121,783	23,387	48,621	0	86	72,094
2848 - Western Nebraska Regional Airport	(55,956)	30,758	502	63,577	6,951	764	71,794	14,171	29,461	0	6,217	49,849
2849 - Saunders Medical Center	(1,900,896)	452,807	7,389	935,950	102,329	448,433	1,494,101	208,616	433,706	0	39,571	681,893
2850 - Nemaha County Hospital	(875,988)	408,200	6,661	843,746	92,248	15,922	958,577	188,065	390,981	0	2,472	581,518

Deferred Outflows for contributions made after 12/31/18 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: 12/31/2018

Employer	Pension Expense		
	Proportionate Share of Plan Pension Expense	Net Recognition of Deferred Amounts from Changes in Proportionate Share	Total Employer Pension Expense
Total	\$49,107,180	\$0	\$49,107,180
2032 - Gosper County	149,227	(338)	148,889
2034 - Hall County	2,380,972	(29,789)	2,351,183
2036 - Scotts Bluff County	1,685,629	(3,601)	1,682,028
2040 - Cheyenne County	604,087	(3,718)	600,369
2042 - Banner County	88,447	1,027	89,474
2044 - Dodge County	730,804	(4,818)	725,986
2046 - Jefferson County	509,773	(4,936)	504,837
2048 - Platte County	1,167,086	7,405	1,174,491
2050 - Dawson County	1,135,899	(3,818)	1,132,081
2052 - Seward County	852,280	(6,987)	845,293
2054 - Morrill County	405,106	(3,466)	401,640
2056 - Buffalo County	1,619,203	(8,124)	1,611,079
2058 - Saunders County	1,014,726	6,784	1,021,510
2060 - Washington County	1,016,891	(743)	1,016,148
2062 - Kimball County	287,456	2,088	289,544
2089 - Saline County	685,477	(3,906)	681,571
2090 - Adams County	930,312	(6,429)	923,883
2091 - Box Butte County	334,638	4,489	339,127
2119 - Madison County	950,644	(1,316)	949,328
2121 - York County	770,738	1,007	771,745



## Exhibit 3

### County Employees' Retirement System Cash Balance Benefit Fund Schedule of Pension Amounts by Employer Measurement Date: 12/31/2018

Employer	Pension Expense		
	Proportionate Share of Plan Pension Expense	Net Recognition of Deferred Amounts from Changes in Proportionate Share	Total Employer Pension Expense
2123 - Custer County	597,403	(3,172)	594,231
2125 - Sarpy County	6,355,776	23,458	6,379,234
2126 - Cuming County	313,845	1,514	315,359
2152 - Harlan County	234,471	95	234,566
2164 - Gage County	688,513	(2,557)	685,956
2165 - Richardson County	460,247	(6,524)	453,723
2167 - Hitchcock County	187,342	(385)	186,957
2168 - Red Willow County	408,976	(2,207)	406,769
2232 - Polk County	312,803	(498)	312,305
2234 - Lincoln County	1,177,139	2,352	1,179,491
2240 - Cedar County	464,675	(3,018)	461,657
2242 - Holt County	553,785	(5,586)	548,199
2243 - Frontier County	182,227	(878)	181,349
2244 - Webster County	275,055	(515)	274,540
2245 - Kearney County	307,574	1,560	309,134
2246 - Nemaha County	403,522	281	403,803
2247 - Franklin County	276,339	(97)	276,242
2248 - Dundy County	177,538	(2,970)	174,568
2249 - Phelps County	501,869	(557)	501,312
2775 - Antelope County	387,058	(170)	386,888
2776 - Arthur County	25,851	324	26,175
2777 - Blaine County	55,285	(572)	54,713
2778 - Boone County	331,481	2,277	333,758



## Exhibit 3

### County Employees' Retirement System Cash Balance Benefit Fund Schedule of Pension Amounts by Employer Measurement Date: 12/31/2018

Employer	Pension Expense		
	Proportionate Share of Plan Pension Expense	Net Recognition of Deferred Amounts from Changes in Proportionate Share	Total Employer Pension Expense
2779 - Boyd County	106,666	(517)	106,149
2780 - Brown County	229,334	(960)	228,374
2781 - Burt County	327,062	111	327,173
2782 - Butler County	548,647	(801)	547,846
2783 - Cass County	1,422,482	(8,966)	1,413,516
2784 - Chase County	291,971	(3,283)	288,688
2785 - Cherry County	387,231	409	387,640
2786 - Clay County	406,653	415	407,068
2787 - Colfax County	428,619	(988)	427,631
2788 - Dakota County	765,442	2,603	768,045
2789 - Dawes County	382,542	(1,383)	381,159
2790 - Deuel County	163,421	820	164,241
2791 - Dixon County	293,388	1,245	294,633
2792 - Fillmore County	428,555	(2,274)	426,281
2793 - Furnas County	254,046	(594)	253,452
2794 - Garden County	242,415	(1,279)	241,136
2795 - Garfield County	97,547	776	98,323
2796 - Grant County	46,576	(396)	46,180
2797 - Greeley County	135,489	1,767	137,256
2798 - Hamilton County	505,230	2,300	507,530
2799 - Hayes County	108,573	(1,555)	107,018
2800 - Hooker County	64,577	21	64,598
2801 - Howard County	293,174	936	294,110



## Exhibit 3

### County Employees' Retirement System Cash Balance Benefit Fund Schedule of Pension Amounts by Employer Measurement Date: 12/31/2018

Employer	Pension Expense		
	Proportionate Share of Plan Pension Expense	Net Recognition of Deferred Amounts from Changes in Proportionate Share	Total Employer Pension Expense
2802 - Johnson County	261,611	(1,895)	259,716
2803 - Keith County	424,790	(282)	424,508
2804 - Keya Paha County	66,465	(239)	66,226
2805 - Knox County	392,689	(3,379)	389,310
2806 - Logan County	77,431	137	77,568
2807 - Loup County	63,599	395	63,994
2808 - McPherson County	59,145	72	59,217
2809 - Merrick County	377,271	(3,332)	373,939
2810 - Nance County	277,404	1,257	278,661
2811 - Nuckolls County	234,724	(2,221)	232,503
2812 - Otoe County	687,633	(1,236)	686,397
2813 - Pawnee County	152,320	183	152,503
2814 - Perkins County	305,280	1,239	306,519
2815 - Pierce County	285,107	604	285,711
2816 - Rock County	157,862	575	158,437
2817 - Sheridan County	335,632	(1,783)	333,849
2818 - Sherman County	242,630	(1,321)	241,309
2819 - Sioux County	141,084	(641)	140,443
2820 - Stanton County	239,398	1,294	240,692
2821 - Thayer County	361,243	1,097	362,340



## Exhibit 3

### County Employees' Retirement System Cash Balance Benefit Fund Schedule of Pension Amounts by Employer Measurement Date: 12/31/2018

Employer	Pension Expense		
	Proportionate Share of Plan Pension Expense	Net Recognition of Deferred Amounts from Changes in Proportionate Share	Total Employer Pension Expense
2822 - Thomas County	69,687	(1,000)	68,687
2823 - Thurston County	365,212	(5,405)	359,807
2824 - Valley County	250,138	(31)	250,107
2825 - Wayne County	298,728	(4,766)	293,962
2826 - Wheeler County	94,712	239	94,951
2833 - Four Corners Health Department	54,675	1,498	56,173
2834 - Loup Basin Public Health Department	67,000	(840)	66,160
2835 - Panhandle Public Health Department	125,975	(393)	125,582
2836 - South Heartland District Health Department	81,340	(545)	80,795
2837 - Two Rivers Public Health Department	88,752	(1,625)	87,127
2838 - Three Rivers Public Health Department	106,330	380	106,710
2839 - Elkhorn Logan Valley Public Health Department	98,784	760	99,544
2840 - Northeast Nebraska Public Health Department	44,545	1,407	45,952
2841 - Southwest Nebraska Public Health Department	47,074	2,061	49,135
2842 - West Central District Health Department	105,317	4,587	109,904
2843 - Sandhills District Health Department (dissolved) 7/1/2014	0	2,743	2,743
2844 - Southeast District Health Department	65,568	92	65,660
2845 - Public Health Solutions	126,731	(2,184)	124,547
2846 - Sarpy/Cass Department of Health and Wellness	97,891	2,074	99,965
2847 - Stuhr Museum	99,508	1,092	100,600
2848 - Western Nebraska Regional Airport	60,294	(1,229)	59,065
2849 - Saunders Medical Center	887,617	75,608	963,225
2850 - Nemaha County Hospital	800,175	3,580	803,755



## Exhibit 4

### County Employees' Retirement System Cash Balance Benefit Fund Schedule of Recognition Amounts by Employer Measurement Date: 12/31/2018

Employer	NPL Sensitivities			Schedule of Recognition of Deferred Outflows/(Inflows) of Resources for Fiscal Year					
	Current			2020	2021	2022	2023	2024	Thereafter
	1% Decrease (6.50%)	Discount Rate (7.50%)	1% Increase (8.50%)						
Total	\$73,835,337	\$25,051,445	(\$16,123,301)	\$7,187,870	\$2,198,490	\$2,791,960	\$10,756,323	(\$495,462)	(\$124,226)
2032 - Gosper County	224,371	76,126	(48,995)	21,504	6,342	8,245	32,211	(2,375)	(700)
2034 - Hall County	3,579,922	1,214,625	(781,742)	318,716	76,805	106,176	498,615	(39,354)	(11,638)
2036 - Scotts Bluff County	2,534,436	859,904	(553,441)	243,126	71,863	91,830	364,376	(22,602)	(7,426)
2040 - Cheyenne County	908,278	308,168	(198,339)	84,703	23,326	30,525	129,235	(7,196)	(1,996)
2042 - Banner County	132,986	45,120	(29,040)	13,973	4,986	6,002	20,008	(592)	(131)
2044 - Dodge County	1,098,803	372,811	(239,944)	102,150	27,899	37,038	156,414	(13,064)	(4,313)
2046 - Jefferson County	766,472	260,055	(167,373)	69,680	17,886	24,335	107,807	(9,198)	(3,009)
2048 - Platte County	1,754,778	595,375	(383,188)	178,233	59,654	73,570	260,736	(9,529)	(2,276)
2050 - Dawson County	1,707,886	579,465	(372,948)	162,445	47,035	61,011	245,382	(15,967)	(4,711)
2052 - Seward County	1,281,450	434,781	(279,828)	117,763	31,169	41,032	179,472	(11,590)	(2,840)
2054 - Morrill County	609,099	206,660	(133,008)	55,830	14,670	19,358	84,880	(6,100)	(1,690)
2056 - Buffalo County	2,434,560	826,017	(531,631)	228,880	64,366	84,451	350,079	(19,761)	(5,631)
2058 - Saunders County	1,525,696	517,650	(333,164)	155,311	52,213	64,402	229,066	(5,163)	(1,035)
2060 - Washington County	1,528,951	518,755	(333,875)	148,100	44,782	56,342	219,098	(13,148)	(3,903)
2062 - Kimball County	432,206	146,642	(94,380)	44,163	14,957	18,500	64,769	(2,210)	(529)
2089 - Saline County	1,030,653	349,688	(225,062)	96,428	26,782	34,689	144,428	(11,993)	(3,547)
2090 - Adams County	1,398,775	474,588	(305,448)	129,742	35,221	46,318	198,920	(9,667)	(2,478)
2091 - Box Butte County	503,147	170,712	(109,871)	53,471	19,471	23,126	75,325	(1,270)	106
2119 - Madison County	1,429,345	484,960	(312,124)	137,830	41,243	52,852	207,447	(8,939)	(1,840)
2121 - York County	1,158,846	393,183	(253,055)	113,820	35,512	44,776	168,754	(10,012)	(3,142)
2123 - Custer County	898,228	304,758	(196,145)	84,271	23,573	30,861	129,099	(6,682)	(1,907)
2125 - Sarpy County	9,556,250	3,242,324	(2,086,780)	953,757	308,007	385,100	1,403,998	(67,163)	(17,441)
2126 - Cuming County	471,884	160,105	(103,045)	47,452	15,564	19,362	69,912	(2,581)	(640)
2152 - Harlan County	352,540	119,613	(76,984)	34,415	10,592	13,455	51,862	(2,024)	(534)
2164 - Gage County	1,035,216	351,237	(226,059)	98,222	28,268	37,123	149,847	(9,893)	(3,174)
2165 - Richardson County	692,007	234,790	(151,112)	60,843	14,081	19,759	94,785	(9,060)	(2,643)
2167 - Hitchcock County	281,680	95,571	(61,510)	27,037	8,002	10,116	40,222	(2,568)	(849)
2168 - Red Willow County	614,918	208,634	(134,279)	57,655	16,103	21,142	88,579	(5,028)	(1,540)
2232 - Polk County	470,317	159,573	(102,702)	45,288	13,506	16,958	66,372	(4,636)	(1,251)
2234 - Lincoln County	1,769,893	600,503	(386,489)	174,651	55,052	68,864	258,428	(11,784)	(3,208)
2240 - Cedar County	698,664	237,048	(152,566)	64,996	17,785	23,425	98,802	(6,824)	(1,877)
2242 - Holt County	832,646	282,507	(181,823)	75,472	19,207	26,142	117,559	(7,621)	(2,160)
2243 - Frontier County	273,988	92,961	(59,830)	25,795	7,281	9,465	39,555	(1,896)	(670)
2244 - Webster County	413,560	140,316	(90,308)	39,745	11,799	15,266	60,278	(3,077)	(883)
2245 - Kearney County	462,454	156,905	(100,985)	46,579	15,329	19,103	68,503	(3,494)	(1,013)
2246 - Nemaha County	606,717	205,852	(132,488)	59,345	18,347	23,044	88,391	(3,668)	(892)
2247 - Franklin County	415,491	140,971	(90,730)	40,352	12,275	15,499	60,060	(3,133)	(897)
2248 - Dundy County	266,938	90,569	(58,291)	23,017	4,978	7,412	37,784	(1,837)	(381)
2249 - Phelps County	754,588	256,023	(164,778)	72,902	21,911	27,980	110,257	(4,310)	(1,196)
2775 - Antelope County	581,963	197,453	(127,082)	56,484	17,158	22,071	84,810	(3,506)	(628)

Deferred Outflows for contributions made after 12/31/18 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: 12/31/2018

Employer	NPL Sensitivities			Schedule of Recognition of Deferred Outflows/(Inflows) of Resources for Fiscal Year					
	Current			2020	2021	2022	2023	2024	Thereafter
	1% Decrease (6.50%)	Discount Rate (7.50%)	1% Increase (8.50%)						
2776 - Arthur County	38,868	13,187	(8,487)	4,108	1,481	1,799	5,795	(334)	(67)
2777 - Blaine County	83,124	28,203	(18,152)	7,520	1,903	2,561	11,691	(675)	(185)
2778 - Boone County	498,400	169,101	(108,835)	50,796	17,117	20,581	72,303	(3,341)	(804)
2779 - Boyd County	160,378	54,414	(35,022)	15,096	4,258	5,452	22,700	(1,198)	(277)
2780 - Brown County	344,817	116,992	(75,297)	32,607	9,307	12,262	50,007	(2,805)	(816)
2781 - Burt County	491,755	166,847	(107,384)	47,984	14,754	18,532	71,557	(2,528)	(502)
2782 - Butler County	824,921	279,886	(180,137)	79,505	23,761	30,247	118,213	(7,056)	(1,802)
2783 - Cass County	2,138,780	725,662	(467,042)	199,244	54,718	71,444	302,017	(19,691)	(5,576)
2784 - Chase County	438,995	148,946	(95,863)	39,453	9,788	13,326	61,577	(3,837)	(987)
2785 - Cherry County	582,223	197,541	(127,139)	57,089	17,746	23,018	86,554	(3,803)	(787)
2786 - Clay County	611,425	207,449	(133,516)	59,937	18,621	23,546	89,898	(3,295)	(768)
2787 - Colfax County	644,452	218,655	(140,728)	61,750	18,201	23,372	93,039	(4,925)	(1,346)
2788 - Dakota County	1,150,885	390,481	(251,317)	114,641	36,871	45,940	170,254	(3,737)	(349)
2789 - Dawes County	575,174	195,150	(125,600)	54,611	15,744	20,334	82,637	(4,327)	(1,114)
2790 - Deuel County	245,713	83,367	(53,656)	24,740	8,136	10,118	36,797	(1,050)	(240)
2791 - Dixon County	441,125	149,668	(96,328)	44,189	14,380	17,942	64,699	(3,606)	(961)
2792 - Fillmore County	644,356	218,622	(140,707)	60,454	16,912	22,388	93,200	(4,727)	(1,241)
2793 - Furnas County	381,972	129,598	(83,411)	36,591	10,779	14,029	55,839	(2,427)	(623)
2794 - Garden County	364,484	123,665	(79,592)	34,203	9,573	12,590	52,575	(2,838)	(835)
2795 - Garfield County	146,667	49,762	(32,027)	15,054	5,143	6,380	22,209	(373)	(4)
2796 - Grant County	70,029	23,760	(15,292)	6,421	1,689	2,235	9,725	(922)	(305)
2797 - Greeley County	203,715	69,118	(44,485)	21,598	7,832	9,337	30,643	(896)	(201)
2798 - Hamilton County	759,641	257,737	(165,882)	76,252	24,919	30,999	112,104	(5,015)	(1,356)
2799 - Hayes County	163,245	55,387	(35,648)	14,337	3,306	4,524	22,223	(2,380)	(885)
2800 - Hooker County	97,095	32,943	(21,202)	9,473	2,912	3,667	14,079	(756)	(245)
2801 - Howard County	440,804	149,559	(96,258)	43,848	14,061	17,550	65,111	(2,140)	(490)
2802 - Johnson County	393,346	133,458	(85,894)	36,397	9,817	13,059	55,499	(4,588)	(1,409)
2803 - Keith County	638,696	216,702	(139,471)	61,895	18,736	23,701	92,772	(3,807)	(964)
2804 - Keya Paha County	99,934	33,906	(21,822)	9,489	2,736	3,513	14,179	(1,009)	(313)
2805 - Knox County	590,429	200,325	(128,931)	54,099	14,201	18,848	83,493	(4,984)	(1,507)
2806 - Logan County	116,421	39,500	(25,423)	11,471	3,604	4,569	16,800	(1,541)	(496)
2807 - Loup County	95,625	32,444	(20,881)	9,704	3,242	3,988	14,223	(373)	(71)
2808 - McPherson County	88,927	30,172	(19,419)	8,729	2,719	3,416	13,007	(442)	(89)
2809 - Merrick County	567,248	192,460	(123,869)	51,889	13,558	17,347	77,523	(6,354)	(1,915)
2810 - Nance County	417,092	141,514	(91,080)	41,861	13,676	17,077	61,556	(2,714)	(572)
2811 - Nuckolls County	352,920	119,742	(77,067)	32,136	8,287	11,023	49,024	(4,138)	(1,294)
2812 - Otoe County	1,033,894	350,788	(225,770)	99,414	29,549	38,672	150,979	(8,951)	(2,390)
2813 - Pawnee County	229,021	77,704	(50,011)	22,478	7,002	8,889	33,775	(1,328)	(351)
2814 - Perkins County	459,005	155,735	(100,232)	45,923	14,906	19,056	69,677	(1,461)	(165)
2815 - Pierce County	428,674	145,444	(93,609)	42,336	13,368	16,736	62,613	(2,827)	(794)
2816 - Rock County	237,355	80,532	(51,831)	23,681	7,642	9,415	34,640	(1,460)	(377)
2817 - Sheridan County	504,641	171,219	(110,198)	47,344	13,243	17,640	72,495	(5,076)	(1,360)
2818 - Sherman County	364,808	123,775	(79,662)	34,194	9,542	12,383	51,792	(2,858)	(703)

Deferred Outflows for contributions made after 12/31/18 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: 12/31/2018

Employer	NPL Sensitivities			Schedule of Recognition of Deferred Outflows/(Inflows) of Resources for Fiscal Year					
	Current			2020	2021	2022	2023	2024	Thereafter
	1% Decrease (6.50%)	Discount Rate (7.50%)	1% Increase (8.50%)						
2819 - Sioux County	212,128	71,973	(46,322)	20,009	5,675	7,343	29,843	(2,479)	(671)
2820 - Stanton County	359,949	122,126	(78,601)	36,335	12,012	14,800	52,407	(2,661)	(527)
2821 - Thayer County	543,149	184,284	(118,607)	53,972	17,269	21,396	79,256	(3,075)	(641)
2822 - Thomas County	104,778	35,550	(22,880)	9,200	2,120	3,010	14,478	(1,336)	(389)
2823 - Thurston County	549,116	186,308	(119,909)	48,052	10,946	15,327	75,128	(7,421)	(2,419)
2824 - Valley County	376,096	127,605	(82,127)	36,582	11,168	14,186	54,672	(2,640)	(663)
2825 - Wayne County	449,154	152,392	(98,081)	38,959	8,608	12,414	62,230	(4,658)	(1,366)
2826 - Wheeler County	142,405	48,316	(31,097)	14,102	4,480	5,550	20,602	(1,011)	(250)
2833 - Four Corners Health Department	82,208	27,892	(17,952)	9,501	3,946	4,513	12,901	32	42
2834 - Loup Basin Public Health Department	100,738	34,179	(21,998)	8,967	2,159	3,099	14,412	(1,205)	(445)
2835 - Panhandle Public Health Department	189,410	64,264	(41,361)	18,046	5,246	6,836	27,830	(758)	(168)
2836 - South Heartland District Health Department	122,299	41,495	(26,706)	11,361	3,096	3,971	17,173	(1,001)	(283)
2837 - Two Rivers Public Health Department	133,443	45,276	(29,140)	11,366	2,348	3,423	18,072	(1,707)	(528)
2838 - Three Rivers Public Health Department	159,873	54,243	(34,911)	15,943	5,140	6,372	23,326	(1,899)	(759)
2839 - Elkhorn Logan Valley Public Health Department	148,528	50,394	(32,434)	15,219	5,182	6,340	22,558	(104)	(44)
2840 - Northeast Nebraska Public Health Department	66,976	22,724	(14,625)	7,927	3,401	3,962	11,078	406	97
2841 - Southwest Nebraska Public Health Department	70,778	24,014	(15,456)	8,951	4,168	4,844	12,420	999	465
2842 - West Central District Health Department	158,350	53,726	(34,579)	20,003	9,302	11,104	28,850	2,620	1,347
2843 - Sandhills District Health Department (dissolved) 7/1/2014	0	0	0	2,743	2,743	2,503	926	0	0
2844 - Southeast District Health Department	98,586	33,449	(21,528)	9,689	3,027	3,948	14,973	(665)	(271)
2845 - Public Health Solutions	190,548	64,651	(41,610)	16,366	3,490	5,050	28,010	1,711	811
2846 - Sarpy/Cass Department of Health and Wellness	147,184	49,938	(32,140)	16,403	6,457	7,495	22,797	170	170
2847 - Stuhr Museum	149,615	50,763	(32,671)	15,657	5,547	6,667	22,480	(557)	(106)
2848 - Western Nebraska Regional Airport	90,656	30,758	(19,796)	7,597	1,471	2,271	12,393	(1,308)	(476)
2849 - Saunders Medical Center	1,334,581	452,807	(291,430)	205,530	115,346	126,466	272,703	63,431	28,731
2850 - Nemaha County Hospital	1,203,108	408,200	(262,721)	120,703	39,403	48,840	177,187	(7,238)	(1,834)

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