

North Dakota Teachers' Fund for Retirement

**Governmental Accounting Standards Board
Statement Nos 67 and 68
Actuarial Valuation as of July 1, 2021**



This report has been prepared at the request of the Board of Trustees to assist the sponsors of the Fund in preparing their financial report for their liabilities associated with the ND TFFR. The measurements shown in this actuarial valuation may not be applicable for other purposes.

Copyright © 2021 by The Segal Group, Inc. All rights reserved.

Segal



101 North Wacker Drive, Suite 500
Chicago, IL 60606-1724
segalco.com
T 312.984.8500

October 27, 2021

Board of Trustees
North Dakota Teachers' Fund for Retirement
3442 East Century Avenue
Bismarck, ND 58507-7100

Dear Board Members:

We are pleased to submit the following report intended to be used for satisfying certain reporting requirements by Governmental Accounting Standards Board (GASB) Statement Nos. 67 and 68 as of June 30, 2021.


This report was prepared in accordance with generally accepted actuarial principles and practices. The census and financial information on which our calculations were based was supplied by the staff of the Retirement and Investment Office. That assistance is gratefully acknowledged. The actuarial calculations were completed under the supervision of Matthew Strom, FSA, MAAA, Enrolled Actuary.

The measurements shown in this actuarial valuation may not be applicable for other purposes. Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period); and changes in plan provisions or applicable law.

We are members of the American Academy of Actuaries and we meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion herein. To the best of our knowledge, the information supplied in the actuarial valuation is complete and accurate. Further, in our opinion, the assumptions as approved by the Board are reasonably related to the experience of and expectations for the Fund.

We look forward to reviewing this report with you and to answering any questions.

Sincerely,

Segal 
Matthew Strom, FSA, MAAA, EA
Senior Vice President and Actuary



Tanya Dybal, FSA, MAAA, EA
Vice President and Actuary

Table of Contents

Actuarial Valuation Summary	4
Purpose	4
Valuation comments	4
Summary of key valuation results	6
Important information about actuarial valuations	7
GASB 67 and 68 Information	9
Exhibit 1 – Membership Data	9
Exhibit 2 – Net pension liability	10
Exhibit 3 – Target asset allocation	11
Exhibit 4 – Discount rate sensitivity.....	12
Exhibit 5 – Schedule of changes in Net Pension Liability	13
Exhibit 6 – Schedule of employer contributions.....	14
Additional Information for GASB 68.....	16
Exhibit A: Reconciliation of Collective Net Pension Liability	17
Exhibit B: Collective Deferred Outflow of Resources and Deferred Inflows of Resources Related to Pensions.....	19
Exhibit C: Collective Pension Expenses.....	21
Exhibit D: Schedule of Employer Allocations.....	23
Exhibit E: Schedule of Pension Amounts by Employer	27

Section 3: Additional Information for GASB 68

Actuarial Valuation Summary

Purpose

This report has been prepared by Segal to present certain disclosure information required by Governmental Accounting Standards Board (GASB) Statement Nos. 67 and 68 as of June 30, 2021. This valuation is based on:

- The benefit provisions set forth in the North Dakota Century Code, as administered by the TFFR Board of Trustees;
- The characteristics of covered active members, terminated vested members, and retired members and beneficiaries as of July 1, 2021, provided by the North Dakota Retirement and Investment Office;
- The assets of the Fund as of June 30, 2021, provided by the North Dakota Retirement and Investment Office;
- Economic assumptions regarding future salary increases and investment earnings adopted by the Board; and
- Other actuarial assumptions, regarding employee terminations, retirement, death, etc.

Valuation comments

The following are key observations regarding this actuarial valuation:

- Governmental Accounting Standards Board (GASB) Statements 67 and 68 contain rules for the reporting of pension liabilities for accounting purposes. Statement 67 was effective with the fiscal year ending June 30, 2014, for Plan reporting. Statement 68 was effective with the fiscal year ending June 30, 2015, for employer reporting. The information contained in this valuation is intended to be used (along with other information) in order to comply with both Statements 67 and 68.
- It is important to note that the GASB rules only redefine pension liability and expense for financial reporting purposes, and do not apply to contribution amounts for actual pension funding purposes. Plans can still develop and adopt funding policies under current practices.
- When measuring pension liability for GASB purposes, the same actuarial cost method (Entry Age method) is used to determine the funded status of the Plan, the actuarially determined contribution rate, and the effective amortization period. In addition, the GASB blended discount rate calculation results in the same discount rate (expected return on assets) as used for funding purposes. This means that the Total Pension Liability (TPL) measure for financial reporting shown in this report is determined on the same basis as the Actuarial Accrued Liability (AAL) measure for funding.

Section 1: Actuarial Valuation Summary

- The Net Pension Liability (NPL) is equal to the difference between the TPL and the Plan Fiduciary Net Position. The Plan Fiduciary Net Position is equal to the market value of assets and therefore, the NPL measure is very similar to an Unfunded Actuarial Accrued Liability (UAAL) on a market value basis. The NPL decreased from \$1.53 billion as of June 30, 2020, to \$1.05 billion as of June 30, 2021, primarily as a result of favorable investment returns for the fiscal year ending June 30, 2021. Changes in these values during the prior fiscal year ending June 30, 2021, can be found in *Exhibit 5*.
- The discount rate used to determine the TPL and NPL was 7.25% as of both June 30, 2020 and June 30, 2021. The detailed calculations used in this derivation were provided separately.

Section 1: Actuarial Valuation Summary

Summary of key valuation results

Disclosure elements for fiscal year ending June 30		2021	2020
Disclosure elements for fiscal year ending June 30:	• Service cost	\$87,088,239	\$80,591,201
	• Total Pension Liability	4,336,060,141	4,181,035,763
	• Plan Fiduciary Net Position	3,282,404,830	2,650,532,301
	• Net Pension Liability	1,053,655,311	1,530,503,462
	• Pension fiduciary net position as a percentage of total pension liability	75.7%	63.4%
Schedule of contributions for fiscal year ending June 30:	• Actuarially determined contributions	\$101,655,277	\$93,688,429
	• Actual contributions	98,264,202	93,032,453
	• Contribution deficiency / (excess)	3,391,075	655,976
Demographic data for plan year ending June 30:	• Number of retired members and beneficiaries	9,262	9,036
	• Number of vested terminated members	1,754	1,715
	• Number of active non-vested members	1,213	1,132
	• Number of active members	11,627	11,347
Key assumptions as of June 30:	• Investment rate of return	7.25%	7.25%
	• Municipal Bond Index	2.16%	2.21%
	• Inflation rate	2.30%	2.30%
	• Projected salary increases	3.80% to 14.80% varying by service	3.80% to 14.80% varying by service

Section 1: Actuarial Valuation Summary

Important information about actuarial valuations

In order to prepare a valuation, Segal relies on a number of input items. These include:

Plan of benefits	Plan provisions define the rules that will be used to determine benefit payments, and those rules, or the interpretation of them, may change over time. It is important to keep Segal informed with respect to plan provisions and administrative procedures, and to review the plan summary included in our funding valuation report to confirm that Segal has correctly interpreted the plan of benefits.
Participant data	An actuarial valuation for a plan is based on data provided to the actuary by TFFR. Segal does not audit such data for completeness or accuracy, other than reviewing it for obvious inconsistencies compared to prior data and other information that appears unreasonable. It is important for Segal to receive the best possible data and to be informed about any known incomplete or inaccurate data.
Assets	The valuation is based on the market value of assets as of the valuation date, as provided by TFFR.
Actuarial assumptions	In preparing an actuarial valuation, Segal projects the benefits to be paid to existing plan participants for the rest of their lives and the lives of their beneficiaries. This projection requires actuarial assumptions as to the probability of death, disability, withdrawal, and retirement of each participant for each year. In addition, the benefits projected to be paid for each of those events in each future year reflect actuarial assumptions as to salary increases and cost-of-living adjustments. The projected benefits are then discounted to a present value, based on the assumed rate of return that is expected to be achieved on the plan's assets. There is a reasonable range for each assumption used in the projection and the results may vary materially based on which assumptions are selected. It is important for any user of an actuarial valuation to understand this concept. Actuarial assumptions are periodically reviewed to ensure that future valuations reflect emerging plan experience. While future changes in actuarial assumptions may have a significant impact on the reported results, that does not mean that the previous assumptions were unreasonable.
Models	<p>Segal valuation results are based on proprietary actuarial modeling software. The actuarial valuation models generate a comprehensive set of liability and cost calculations that are presented to meet regulatory, legislative and client requirements. Our Actuarial Technology and Systems unit, comprised of both actuaries and programmers, is responsible for the initial development and maintenance of these models. The models have a modular structure that allows for a high degree of accuracy, flexibility and user control. The client team programs the assumptions and the plan provisions, validates the models, and reviews test lives and results, under the supervision of the responsible actuary.</p> <p>The blended discount rate used for calculating total pension liability is based on a model developed by our Actuarial Technology and Systems unit. The model allows the client team, under the supervision of the responsible actuary, control over the entry of future expected contribution income, benefit payments and administrative expenses. The projection of fiduciary net position and the discounting of benefits is part of the model.</p>

Section 1: Actuarial Valuation Summary

The user of Segal's actuarial valuation (or other actuarial calculations) should keep the following in mind:

The valuation is prepared at the request of TFFR to assist the sponsors of the Fund in preparing items related to the pension plan in their financial reports. Segal is not responsible for the use or misuse of its report, particularly by any other party.

An actuarial valuation is a measurement of the plan's assets and liabilities at a specific date. Accordingly, except where otherwise noted, Segal did not perform an analysis of the potential range of future financial measures. The actual long-term cost of the plan will be determined by the actual benefits and expenses paid and the actual investment experience of the plan.

If TFFR is aware of any event or trend that was not considered in this valuation that may materially change the results of the valuation, Segal should be advised, so that we can evaluate it.

Segal does not provide investment, legal, accounting, or tax advice. Segal's valuation is based on our understanding of applicable guidance in these areas and of the plan's provisions, but they may be subject to alternative interpretations. TFFR should look to their other advisors for expertise in these areas.

As Segal has no discretionary authority with respect to the management or assets of TFFR, it is not a fiduciary in its capacity as actuaries and consultants with respect to TFFR.

Section 3: Additional Information for GASB 68

GASB 67 and 68 Information

Exhibit 1 – Membership Data

	July 1, 2021	July 1, 2020
Retired members and beneficiaries	9,262	9,036
Vested inactive members	1,754	1,715
Non-Vested inactive members	1,213	1,132
Active members		
Vested	8,306	8,216
Non-Vested	<u>3,321</u>	<u>3,131</u>
Total active members	11,627	11,347
Total membership	23,856	23,230

Active Membership By Plan Eligibility

	July 1, 2021	July 1, 2020
Tiered 1 Grandfathered	1,089	1,396
Tiered 1 Non-Grandfathered	3,058	3,098
Tier 2	<u>7,480</u>	<u>6,853</u>
Total active membership	11,627	11,347

Section 2: GASB 67 and 68 Information

Exhibit 2 – Net pension liability

Reporting Date for Employer under GASB 68	June 30, 2021	June 30, 2020
Components of the Net Pension Liability		
Total Pension Liability	\$4,336,060,141	\$4,181,035,763
Plan Fiduciary Net Position	<u>(3,282,404,830)</u>	<u>(2,650,532,301)</u>
Net Pension Liability	1,053,655,311	1,530,503,462
Plan Fiduciary Net Position as a percentage of the Total Pension Liability	75.7%	63.4%

Plan provisions. The plan provisions used in the measurement of the net pension liability are the same as those used in the actuarial valuation as of July 1, 2021.

Actuarial assumptions. The total pension liability as of June 30, 2021, which was measured by an actuarial valuation as of July 1, 2021, used the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.30%
Salary increases	3.80% to 14.80%, varying by service, including inflation and productivity
Investment rate of return	7.25%, net of pension plan investment expense, including inflation
Cost-of-living adjustments	None

For active and inactive members, mortality rates were based on the PubT-2010 Employee table projected with generational improvement using Scale MP-2019. For healthy retirees, mortality rates were based on 104% of the PubT-2010 Retiree table for retirees and to 95% of the PubT-2010 Contingent Survivor table for beneficiaries, both projected with generational improvement using Scale MP-2019. For disability retirees, mortality rates were based on the PubNS-2010 Non-Safety Disabled Mortality table projected with generational improvement using Scale MP-2019.

The actuarial assumptions used were based on the results of an experience study dated March 19, 2020. They are the same as the assumptions used in the July 1, 2021, funding actuarial valuation for TFFR.

Section 2: GASB 67 and 68 Information

Exhibit 3 – Target asset allocation

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of June 30, 2021, are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return*
Global Equities	55.00%	6.87%
Global Fixed Income	26.00%	0.74%
Global Real Estate	18.00%	4.80%
Cash Equivalents	<u>1.00%</u>	<u>-1.00%</u>
Total	100.00%	

* As reported by the North Dakota Retirement and Investment Office.

Discount rate: The long-term expected rate of return on pension plan investments is 7.25%. The high quality tax-exempt general obligation municipal bond rate (20-Bond GO Index) as of the closest date prior to the valuation date of June 30, 2021, is 2.16%, as published by The Bond Buyer.

The discount rate used to measure the total pension liability was 7.25% as of June 30, 2021. The projection of cash flows used to determine the discount rate assumed plan member and employer contributions will be made at rates equal to those based on the July 1, 2021, Actuarial Valuation Report. For this purpose, only employer contributions that are intended to fund benefits of current plan members and their beneficiaries are included. Projected employer contributions that are intended to fund the service costs of future plan members and their beneficiaries, as well as projected contributions from future plan members, are not included. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members as of June 30, 2021. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability as of June 30, 2021.

Section 2: GASB 67 and 68 Information

Exhibit 4 – Discount rate sensitivity

Sensitivity of the net pension liability to changes in the discount rate. The following presents the net pension liability of the TFFR, calculated using the discount rate of 7.25%, as well as what the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.25%) or 1-percentage-point higher (8.25%) than the current rate.

	1% Decrease (6.25%)	Current Discount Rate (7.25%)	1% Increase (8.25%)
Net pension liability as of June 30, 2017*	1,826,126,843	1,373,525,753	996,748,988
Net pension liability as of June 30, 2018*	1,799,744,383	1,332,858,315	944,554,161
Net pension liability as of June 30, 2019*	1,859,994,289	1,377,253,104	976,082,834
Net pension liability as of June 30, 2020	2,038,548,355	1,530,503,462	1,108,292,065
Net pension liability as of June 30, 2021	1,582,102,595	1,053,655,311	614,833,478

* Net pension liability on or before June 30, 2019 were based on 6.75% (1% Decrease), 7.75% (Current Discount) and 8.75% (1% Increase) discount rates.

Section 2: GASB 67 and 68 Information

Exhibit 5 – Schedule of changes in Net Pension Liability

Reporting Date for Employer under GASB 68	June 30, 2021	June 30, 2020
Total Pension Liability		
Service cost	\$87,088,239	\$80,591,201
Interest	300,698,090	306,790,705
Change of benefit terms	0	0
Differences between expected and actual experience	8,366,320	(20,732,097)
Changes of assumptions	0	51,813,028
Benefit payments, including refunds of member contributions	(241,128,271)	(230,851,234)
Net change in Total Pension Liability	\$155,024,378	\$187,611,603
Total Pension Liability – beginning	<u>4,181,035,763</u>	<u>3,993,424,160</u>
Total Pension Liability – ending	<u>\$4,336,060,141</u>	<u>\$4,181,035,763</u>
Plan Fiduciary Net Position		
Contributions – employer	\$98,264,202	\$93,032,453
Contributions – employee	90,557,210	85,735,134
Contributions – purchased service credit	2,559,121	2,175,497
Contributions – other	126,112	158,683
Net investment income	684,172,530	86,206,117
Benefit payments, including refunds of member contributions	(241,128,271)	(230,851,234)
Administrative expense	(2,678,375)	(2,095,405)
Other	<u>0</u>	<u>0</u>
Net change in Plan Fiduciary Net Position	\$631,872,529	\$34,361,245
Plan Fiduciary Net Position – beginning	<u>2,650,532,301</u>	<u>2,616,171,056</u>
Plan Fiduciary Net Position – ending	<u>\$3,282,404,830</u>	<u>\$2,650,532,301</u>
Net Pension Liability – ending	<u>\$1,053,655,311</u>	<u>\$1,530,503,462</u>
Plan Fiduciary Net Position as a percentage of the Total Pension Liability	75.7%	63.4%
Covered employee payroll	\$770,699,600	\$729,660,661
Plan Net Pension Liability as percentage of covered employee payroll	136.7%	209.8%

Section 2: GASB 67 and 68 Information

Exhibit 6 – Schedule of employer contributions

Year Ended June 30	Actuarially Determined Contributions	Contributions in Relation to the Actuarially Determined Contributions	Contribution Deficiency / (Excess)	Covered- Employee Payroll	Contributions as a Percentage of Covered Employee Payroll
2013	\$52,396,153	\$59,300,720	(\$6,904,567)	\$551,655,590	10.75%
2014	59,513,485	62,355,146	(2,841,661)	580,053,235	10.75%
2015	71,167,632	78,422,098	(7,254,466)	615,104,860	12.75%
2016	84,724,122	82,839,932	1,884,190	649,724,868	12.75%
2017	89,231,211	86,058,868	3,172,343	674,971,342	12.75%
2018	88,307,239	86,675,715	1,631,524	679,809,385	12.75%
2019	90,777,781	89,444,881	1,332,900	701,528,450	12.75%
2020	93,688,429	93,032,453	655,976	729,660,661	12.75%
2021	101,655,277	98,264,202	3,391,075	770,699,600	12.75%

See accompanying notes to this schedule on next page.

Section 2: GASB 67 and 68 Information

Notes to Exhibit 6:

Methods and assumptions used to establish “actuarially determined contribution” rates:

Valuation date	Actuarially determined contribution rates are calculated as of June 30, with appropriate interest to the middle of the fiscal year.
Actuarial cost method	Entry Age Actuarial Cost Method
Amortization method	Level percentage of pay, closed
Remaining amortization period	22 years as of July 1, 2021 The amortization of unfunded actuarial accrued liability (UAAL) within the actuarially determined contribution rate calculation is based on the level percentage of pay required to amortize the UAAL over the 30-year closed period that began July 1, 2013. For this calculation, payroll is assumed to increase 3.25% per year.
Asset valuation method	The market value of assets with a five-year phase-in of actual return in excess of (or less than) expected investment income. Expected investment income is determined using the assumed investment return rate and the market value of assets (adjusted for receipts and disbursements during the year).
Investment rate of return	7.25%, net of pension plan investment expense
Inflation rate	2.30%
Projected salary increases	3.80% to 14.80%, varying by service, includes inflation and productivity
Mortality*	Post-retirement Non-Disabled: 104% of the PubT-2010 Retiree table for retirees and to 95% of the PubT-2010 Contingent Survivor table for beneficiaries, both projected with generational improvement using Scale MP-2019. Pre-retirement Non-Disabled: PubT-2010 Employee table projected with generational improvement using Scale MP-2019 Disabled: PubNS-2010 Non-Safety Disabled Mortality table projected with generational improvement using Scale MP-2019.
Other assumptions	Same as those used in the July 1, 2021 funding actuarial valuation.

* The mortality rates were based on historical and current demographic data, as used in the experience study dated March 19, 2020. The underlying tables reasonably reflect the mortality experience of the Fund as of the measurement date.

Section 3: Additional Information for GASB 68

Additional Information for GASB 68

Changes in the collective net pension liability from the beginning of the year to the end of the year arise from the net difference between changes in the total pension liability and plan fiduciary net position that occurred during the year. Changes in net pension liability will be recognized immediately as pension expense, or reported as deferred outflows of resources related to pensions or deferred inflows of resources related to pensions, depending on the nature of the change.

Differences between actual and expected investment-related experience are recognized over a closed five-year period. Differences between actual and expected non-investment-related experience and changes of assumptions are recognized over the average of the expected remaining service lives of all members who are provided with pensions through the pension plan (active employees and inactive employees). The amounts below that are not included in pension expense for the current year are included in deferred outflows of resources or deferred inflows of resources related to pensions.

Section 3: Additional Information for GASB 68

Exhibit A: Reconciliation of Collective Net Pension Liability

	Increase/(Decrease) For Fiscal Year Ending June 30, 2021		
	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (a) – (b)
Balance at the beginning of the year	\$4,181,035,763	\$2,650,532,301	\$1,530,503,462
Changes for the year			
Service cost	87,088,239		87,088,239
Interest	300,698,090		300,698,090
Differences between expected and actual experience	8,366,320		8,366,320
Contributions – employer		98,264,202	(98,264,202)
Contributions – member		90,557,210	(90,557,210)
Contributions – purchased service credit		2,559,121	(2,559,121)
Contributions – other		126,112	(126,112)
Net Investment income		684,172,530	(684,172,530)
Benefit payments, including refunds of employee contributions	(241,128,271)	(241,128,271)	--
Administrative expense	--	(2,678,375)	2,678,375
Change of assumptions	--	--	--
Change of benefit terms	--	--	--
Net Change	155,024,378	631,872,529	(476,848,151)
Balances at end of year	\$4,336,060,141	\$3,282,404,830	\$1,053,655,311

Section 3: Additional Information for GASB 68

As shown in Exhibit A, during the plan year that ended June 30, 2021, the changes in net pension liability due to differences between expected and actual demographic experience is an increase of \$8,366,320. The average expected remaining service lives of all members is 8 years, determined as of July 1, 2020 (the beginning of the measurement period ending June 30, 2021). Therefore, of the \$8,366,320 demographic loss, \$1,045,790 is recognized in pension expense in the current year and \$7,320,530 is reflected as a deferred inflow of resources related to pensions.

Based on the assumed investment return of 7.25%, the expected net investment income for the year was \$190,267,717. As shown in Exhibit A, the actual net investment income for the year was \$684,172,530. The difference between actual and expected investment experience is a decrease in net pension liability of \$493,904,813, which is recognized over a 5-year period. Of this amount, \$98,780,963 is reflected in the current year and \$395,123,850 is reflected as a deferred outflow of resources related to pensions.

Section 3: Additional Information for GASB 68

Exhibit B: Collective Deferred Outflow of Resources and Deferred Inflows of Resources Related to Pensions

Employer	Year Established	Original Balance	Original Amortization Period	Amortization Amount During 2021	Outstanding Balance at June 30, 2021
Outflows					
Demographics	2015	\$2,209,258	7 years	\$315,610	\$0
Assumptions	2015	171,324,647	7 years	24,474,947	0
Investments	2019	59,163,355	5 years	11,832,671	23,665,342
Investments	2020	114,538,151	5 years	22,907,630	68,722,890
Assumptions	2020	51,813,028	7 years	7,401,861	37,009,305
Demographics	2021	8,366,320	8 years	1,045,790	7,320,530
Total Outflows				\$67,978,509	\$136,718,067
Inflows					
Demographics	2016	8,092,800	7 years	1,156,114	1,156,116
Demographics	2017	10,748,944	7 years	1,535,563	3,071,129
Investments	2017	103,235,815	5 years	20,647,163	0
Investments	2018	30,002,998	5 years	6,000,600	6,000,598
Demographics	2018	27,939,071	7 years	3,991,296	11,973,887
Demographics	2019	23,494,914	7 years	3,356,416	13,425,666
Demographics	2020	20,732,097	7 years	2,961,728	14,808,640
Investments	2021	493,904,813	5 years	98,780,963	395,123,850
Total Inflows				\$138,429,843	\$445,559,886

Section 3: Additional Information for GASB 68

Exhibit B: Collective Deferred Outflow of Resources and Deferred Inflows of Resources Related to Pensions *(continued)*

	June 30, 2021	June 30, 2020
Deferred Outflows of Resources		
Difference between expected an actual experience in the Total Pension Liability	\$7,320,530	\$315,610
Changes in assumptions	37,009,305	68,886,113
Net difference between projected and actual earnings on pension plan investments	<u>0</u>	<u>94,480,172</u>
Total Deferred Outflows of Resources	\$44,329,835	\$163,681,895
Deferred Inflows of Resources		
Difference between expected and actual experience in the Total Pension Liability	\$44,435,438	\$57,436,555
Changes of assumptions	0	0
Net difference between projected and actual earnings on pension plan investments	<u>308,736,216</u>	<u>0</u>
Total Deferred Inflows of Resources	\$353,171,654	\$57,436,555
Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:		
Year Ended June 30:		
2021	N/A	\$27,283,839
2022	(\$74,594,728)	23,140,445
2023	(67,438,017)	30,297,156
2024	(77,735,121)	20,000,052
2025	(96,651,456)	1,083,715
2026	5,485,923	4,440,133
Thereafter	2,091,580	
Net deferred outflows/(inflows) of resources	(\$308,841,819)	\$106,245,340

Section 3: Additional Information for GASB 68

Exhibit C below shows the individual components of collective pension expense, which totaled \$36,503,210 for the fiscal year that ended June 30, 2021.

Annual pension expense for the year can also be viewed as the change in net pension liability, plus employer contributions for the year, less the change in outstanding balances of deferred outflows and deferred inflows of resources from the end of the prior fiscal year to end of the current fiscal year. From Exhibit A, the change in net pension liability during the year was -\$476,848,151 and employer contributions were \$98,264,202. The net value of deferred outflows and deferred inflows of resources as of the end of the current fiscal year is -\$308,841,819 compared to the net value as of the end of the prior fiscal of \$106,245,340 for a change of -\$415,087,159. Therefore, the pension expense for the fiscal year that ended June 30, 2021, is -\$476,848,151 + \$98,264,202 + \$415,087,159, or \$36,503,210.

Exhibit C: Collective Pension Expenses

Components of Pension Expense	Fiscal Year Ending June 30, 2021	Fiscal Year Ending June 30, 2020
Service cost	\$87,088,239	\$80,591,201
Interest on the Total Pension Liability	300,698,090	306,790,705
Projected earnings on plan investments	(190,267,717)	(200,744,268)
Member contributions	(90,557,210)	(85,735,134)
Contributions – purchased service credit	(2,559,121)	(2,175,497)
Contributions – other	(126,112)	(158,683)
Administrative expense	2,678,375	2,095,405
Current Year recognition of:		
Changes in assumptions	31,876,808	31,876,812
Difference between expected and actual experience	(11,639,717)	(11,350,174)
Difference between projected and actual earnings on pension plan investments	(90,688,425)	39,444,373
Change of benefit terms	0	0
Total pension expense	\$36,503,210	\$160,634,740

Section 3: Additional Information for GASB 68

TFFR is classified as a cost-sharing multiple-employer defined benefit pension plan for GASB accounting purposes. As specified in GASB 68, employers that participate in TFFR are required to recognize their proportionate share of the collective pension amounts for all benefits provided through the Fund. Pension amounts to be recognized by employers include the net pension liability, deferred outflows of resources related to pensions, deferred inflows of resources related to pensions, and pension expense. In addition, the effects of (1) a change in the employer's proportion of the collective net pension liability and (2) differences during the measurement period between the employer's contributions and its proportionate share of the total of contributions from employers included in the collective net pension liability are required to be determined and recognized.

The basis of an employer's allocation of the collective pension amounts should be consistent with the manner in which contributions to the plan are determined. Since contributions to TFFR are collected as a percentage of payroll, covered payroll for the fiscal year ending June 30, 2021, is used as the proportionate share allocation basis. Retirement and Investment Office staff supplied covered payroll for each employer.

The net effect of the change on an employer's proportionate share of the collective net pension liability and collective deferred outflows of resources and deferred inflows of resources is recognized over the average of the expected remaining service lives of all members who are provided with pensions through TFFR.

In addition, the difference between the actual employer contributions and the proportionate share of the employer contributions during the measurement period ended June 30, 2021, is recognized over the same period. However, since TFFR contributions are collected on the same basis as the proportionate share allocation, there is no difference between the actual employer contributions and the proportionate share of the employer contributions. If employers no longer report to TFFR, they will continue to remain on the schedule until their deferral balances are depleted.

Exhibits D and E that follow show the proportionate share information for employers of TFFR for the fiscal year ending June 30, 2021.

6085909v5/13475.006

Section 3: Additional Information for GASB 68

EXHIBIT D Schedule of Employer Allocations as of June 30, 2021

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Alexander School	\$ 1,532,485	0.19884342%
Anamoose School	706,708	0.09169696%
Apple Creek Elem School	354,606	0.04601094%
Ashley School	1,068,982	0.13870276%
Bakker Elem School	55,075	0.00714612%
Barnes County North	1,722,251	0.22346593%
Beach School	2,159,780	0.28023624%
Belcourt School	9,236,682	1.19848019%
Belfield Public School	1,577,009	0.20462040%
Beulah School	3,959,829	0.51379667%
Billings Co. School Dist.	984,554	0.12774806%
Bismarck Public Schools	80,745,044	10.47685043%
Bismarck State College	-	0.00000000%
Blessed John Paul II Catholic Sch Network	-	0.00000000%
Bottineau School	4,030,561	0.52297432%
Bowbells School	682,902	0.08860802%
Bowman School	3,418,532	0.44356212%
Burke Central School	936,948	0.12157112%
Burleigh County Spec. Ed.	120,603	0.01564848%
Carrington School	2,985,315	0.38735126%
Cavalier School	2,512,417	0.32599173%
Center Stanton School	1,759,542	0.22830447%
Central Cass School	4,522,150	0.58675909%
Central Elementary School	-	0.00000000%
Central Regional Education Association	796,299	0.10332162%
Central Valley School	1,425,288	0.18493426%
Dakota Prairie School	2,312,424	0.30004219%
Devils Lake School	11,725,954	1.52146882%
Dickinson School	25,085,329	3.25487764%
Divide School	2,943,487	0.38192398%
Drake School	510,667	0.06626015%
Drayton School	1,611,454	0.20908981%
Dunseith School	3,767,459	0.48883622%
E Central Ctr Exc Childn	604,224	0.07839937%
Earl Elem. School	27,200	0.00352927%
Edgeley School	1,383,988	0.17957560%
Edmore School	669,351	0.08684976%
Eight Mile School	1,983,342	0.25734306%
Elgin-New Leipzig School	1,200,323	0.15574455%
Ellendale School	1,830,944	0.23756904%
Emerado Elementary School	754,570	0.09790718%
Enderlin Area School District	2,175,764	0.28231026%
Fairmount School	811,349	0.10527434%
Fargo Public Schools	78,514,245	10.18739920%
Fessenden-Bowdon School	1,168,957	0.15167475%
Finley-Sharon School	1,166,572	0.15136539%
Flasher School	1,436,357	0.18637055%
Fordville Lankin School	620,035	0.08045092%
Fort Ransom Elem School	172,434	0.02237368%
Fort Totten School	1,833,731	0.23793068%
Fort Yates School	1,050,265	0.13627427%
Gackle-Streeter Pub Sch	885,654	0.11491561%
Garrison School	2,546,830	0.33045686%
Glen Ullin School	1,221,554	0.15849935%
Glenburn School	1,945,280	0.25240442%
Goodrich School	181,557	0.02355748%
Grafton School	4,678,252	0.60701365%
Grand Forks School	51,251,415	6.64998599%
Great North West Cooperative	136,985	0.01777405%
Grenora School	1,315,558	0.17069661%

Section 3: Additional Information for GASB 68

EXHIBIT D Schedule of Employer Allocations as of June 30, 2021

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Griggs County Central Sch	1,659,611	0.21533823%
Gst Educational Services	2,008,201	0.26056863%
Halliday School	311,263	0.04038710%
Hankinson School	1,632,659	0.21184118%
Harvey School	2,365,301	0.30690306%
Hatton Eielson Psd	1,323,461	0.17172208%
Hazelton - Moffit School	922,982	0.11975899%
Hazen School	3,016,976	0.39145943%
Hebron School	1,209,359	0.15691709%
Hettinger School	1,495,942	0.19410186%
Hillsboro School	2,868,782	0.37223090%
Hope-Page Public School District	1,722,840	0.22354241%
Horse Creek Elem. School	46,200	0.00599455%
James River Multidistrict Spec Ed Unit	1,387,239	0.17999737%
Jamestown School	14,202,120	1.84275695%
Kenmare School	2,010,036	0.26080665%
Kensal School	300,107	0.03893956%
Kidder County School District	2,129,166	0.27626408%
Killdeer School	4,041,570	0.52440276%
Kindred School	4,182,999	0.54275354%
Kulm School	1,095,475	0.14214039%
Lake Region Spec Ed	2,093,494	0.27163553%
Lakota School	1,188,020	0.15414822%
Lamoure School	1,574,528	0.20429854%
Langdon Area School	2,599,443	0.33728349%
Larimore School	2,230,671	0.28943455%
Leeds School	1,055,197	0.13691420%
Lewis And Clark School	2,667,665	0.34613549%
Lidgerwood School	1,184,734	0.15372195%
Linton School	1,667,893	0.21641281%
Lisbon School	3,922,895	0.50900441%
Litchville-Marion School	897,386	0.11643783%
Little Heart Elem. School	177,457	0.02302545%
Logan County	-	0.00000000%
Lone Tree Elem. School	291,191	0.03778266%
Lonetree Spec Ed Unit	135,672	0.01760371%
Maddock School	894,430	0.11605434%
Mandan Public Schools	23,309,480	3.02445724%
Mandaree School	1,762,416	0.22867741%
Manning Elem School	120,109	0.01558441%
Manvel Elem. School	1,043,680	0.13541983%
Maple Valley School	1,754,950	0.22770871%
Mapleton Elem. School	1,105,888	0.14349148%
Marmarth Elem. School	139,341	0.01807985%
Max School	1,245,808	0.16164632%
May-Port C-G School	2,725,072	0.35358422%
Mccusky School	759,379	0.09853108%
Mckenzie County	49,006	0.00635862%
Mckenzie County School	11,703,642	1.51857383%
Medina School	1,105,983	0.14350373%
Menoken Elem School	255,826	0.03319400%
Midkota	1,285,581	0.16680697%
Midway School	1,338,233	0.17363867%
Milnor School	1,597,201	0.20724045%
Minnewaukan School	2,118,785	0.27491710%
Minot School	49,716,549	6.45083366%
Minto School	1,621,523	0.21039619%
Mohall Lansford Sherwood	2,122,701	0.27542521%
Montpelier School	831,746	0.10792085%
Morton County	-	0.00000000%

Section 3: Additional Information for GASB 68

EXHIBIT D

Schedule of Employer Allocations as of June 30, 2021

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Mott-Regent School	1,476,467	0.19157491%
Mt Pleasant School	2,066,539	0.26813811%
Munich School	1,073,937	0.13934575%
N Central Area Career And Tech Center	-	0.00000000%
Napoleon School	1,617,439	0.20986639%
Naughton Rural School	151,757	0.01969078%
Nd Center For Distance Education	1,996,655	0.25907040%
Nd Dept Of Public Instruction	239,615	0.03109063%
Nd School For Blind	686,338	0.08905389%
Nd School For Deaf	948,981	0.12313235%
Nd United	107,705	0.01397492%
Nd Youth Correctional Cnt	518,173	0.06723413%
Nedrose School	3,515,406	0.45613175%
Nelson County	10,547	0.00136846%
Nesson School	2,327,885	0.30204823%
New England School	1,537,221	0.19945789%
New Rockford Sheyenne School	1,855,873	0.24080368%
New Salem-Almont	2,173,236	0.28198224%
New Town School	6,588,890	0.85492330%
Newburg United District	807,144	0.10472879%
North Border School	2,699,594	0.35027840%
North Sargent School	1,664,812	0.21601314%
North Star	1,725,389	0.22387315%
North Valley Area Career	804,469	0.10438161%
Northern Cass School Dist	3,566,907	0.46281423%
Northern Plains Spec Ed	449,841	0.05836784%
Northwood School	2,076,595	0.26944292%
Oakes School	2,502,217	0.32466831%
Oberon Elem School	360,717	0.04680383%
Oliver - Mercer Spec Ed	865,791	0.11233831%
Page School	-	0.00000000%
Park River Area School District	2,227,868	0.28907084%
Parshall School	1,873,180	0.24304926%
Peace Garden Spec Ed	705,918	0.09159449%
Pembina Spec Ed Coop	132,365	0.01717462%
Pingree - Buchanan School	932,279	0.12096532%
Pleasant Valley Elem	-	0.00000000%
Powers Lake School	1,434,722	0.18615840%
Richardton-Taylor	1,945,640	0.25245119%
Richland School	1,687,314	0.21893271%
Robinson School	-	0.00000000%
Rolette County	-	0.00000000%
Rolette School	1,328,338	0.17235487%
Roosevelt School	389,902	0.05059066%
Roughrider Area Career And Tech Center	236,512	0.03068795%
Roughrider Service Program	200,712	0.02604283%
Rugby School	4,005,512	0.51972415%
Rural Cass Spec Ed	1,657,683	0.21508813%
Sargent Central School	1,809,518	0.23478896%
Sawyer School	642,380	0.08335026%
Scranton School	1,245,781	0.16164293%
Se Region Career And Tech	1,850,804	0.24014597%
Selfridge School	923,473	0.11982263%
Sheyenne Valley Area Voc	992,653	0.12879901%
Sheyenne Valley Spec Ed	1,900,670	0.24661620%
Slope County	27,629	0.00358496%
Solen - Cannonball School	1,660,427	0.21544414%
Souris Valley Spec Ed	1,252,418	0.16250404%
South Cent. Prairie Sp Ed	372,553	0.04833961%
South East Education Cooperative	712,038	0.09238852%
South Heart School	2,446,169	0.31739587%
South Prairie School District	2,956,719	0.38364097%
South Valley Spec Ed	478,609	0.06210062%
Southwest Special Education Unit	70,000	0.00908266%

Section 3: Additional Information for GASB 68

EXHIBIT D

Schedule of Employer Allocations as of June 30, 2021

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
South Heart School	2,446,169	0.31739587%
South Prairie School District	2,956,719	0.38364097%
South Valley Spec Ed	478,609	0.06210062%
Southwest Special Education Unit	70,000	0.00908266%
St. John'S School	3,630,280	0.47103699%
St. Thomas School	568,133	0.07371653%
Stanley School	3,779,712	0.49042606%
Starkweather School	655,273	0.08502312%
Sterling School	173,411	0.02250046%
Strasburg School District	903,269	0.11720119%
Surrey School	2,704,926	0.35097025%
Sweet Briar Elem School	123,860	0.01607112%
Tgu School District	2,674,576	0.34703227%
Thompson School	2,695,195	0.34970763%
Tioga School	3,458,821	0.44878979%
Turtle Lake-Mercer School	1,429,053	0.18542289%
Twin Buttes Elem. School	479,900	0.06226814%
Underwood School	1,579,199	0.20490455%
United School	3,541,189	0.45947725%
Upper Valley Spec Ed	2,664,861	0.34577166%
Valley - Edinburg School	1,565,472	0.20312356%
Valley City School	6,534,110	0.84781538%
Velva School	3,072,542	0.39866921%
Wahpeton School	7,552,249	0.97992119%
Ward County	31,450	0.00408073%
Warwick School	1,851,906	0.24028894%
Washburn School	2,077,978	0.26962236%
West Fargo School	71,788,903	9.31477104%
West River Student Services	552,825	0.07173026%
Westhope School	1,181,268	0.15327211%
White Shield School	1,671,370	0.21686402%
Williams Co School Dist #8	3,243,203	0.42081291%
Williston School	25,750,488	3.34118356%
Wilmac Special Education	5,084,610	0.65973954%
Wilton School	1,585,187	0.20568159%
Wing School	718,516	0.09322911%
Wishek School	1,295,045	0.16803494%
Wolford School	-	0.00000000%
Wyndmere School	1,455,242	0.18882097%
Yellowstone Elem. School	586,400	0.07608671%
Zeeland School	480,314	0.06232177%
Grand Totals:	770,699,600	100.0000000%

Section 3: Additional Information for GASB 68

EXHIBIT E
Schedule of Pension Amounts by Employer as of June 30, 2021

Employer Name	Discount Rate Sensitivity						Schedule of Contributions				Pension Expense		
	Employer's Proportionate Share Allocation	Net Pension Liability	Covered Payroll	1% Decrease	Current Discount Rate	1% Increase	Statutory Required Contribution	Contributions In Relation to the Statutory Required Contribution	Contribution Deficiency/ (Excess)	Contributions as a Percentage of Covered Payroll	Proportionate Share of Plan Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions	Total Employer Pension Expense
				(6.25%)	(7.25%)	(8.25%)							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
Alexander School	0.19884342%	\$ 2,095,124	\$ 3,145,907	\$ 3,145,907	\$ 2,095,124	\$ 1,222,556	\$ 195,392	\$ 195,392	\$ -	12.75%	\$ 72,584	\$ 97,206	\$ 168,790
Anamosue School	0.09169696%	966,170	706,708	1,450,740	966,170	563,784	90,105	90,105	-	12.75%	33,472	(29,516)	3,956
Apple Creek Elem School	0.04601094%	484,797	354,606	727,940	484,797	282,891	45,212	45,212	-	12.75%	16,795	(16,795)	(4,725)
Ashley School	0.13870276%	1,461,449	1,068,982	2,194,420	1,461,449	852,791	136,295	136,295	-	12.75%	50,631	(22,150)	28,481
Bakker Elem School	0.00714612%	75,295	55,075	113,059	75,295	43,937	7,022	7,022	-	12.75%	2,609	(2,609)	5,155
Barnes County North Beach School	0.22346593%	2,354,561	1,722,251	3,535,460	2,354,561	1,373,943	219,587	219,587	-	12.75%	81,572	(112,485)	(30,913)
Belcourt School	0.28023624%	2,952,724	2,159,780	4,433,625	2,952,724	1,722,986	275,372	275,372	-	12.75%	102,295	(129,503)	(27,208)
Belcourt School	1.19848019%	12,627,850	9,236,682	18,961,186	12,627,850	7,368,657	1,177,677	1,177,677	-	12.75%	437,484	(245,985)	191,499
Belfield Public School	0.20462040%	2,155,994	1,577,009	3,237,305	2,155,994	1,258,075	201,069	201,069	-	12.75%	74,693	(68,689)	46,004
Beulah School	0.51379867%	5,413,646	3,959,829	8,128,790	5,413,646	3,158,994	504,878	504,878	-	12.75%	187,652	(73,261)	114,291
Billings Co. School Dist.	0.12774806%	1,346,024	984,554	2,021,105	1,346,024	785,438	125,531	125,531	-	12.75%	46,632	(5,859)	52,491
Bismarck Public Schools	10.47685043%	110,389,891	80,745,044	165,754,593	110,389,891	64,415,184	10,294,993	10,294,993	-	12.75%	3,824,387	(332,345)	3,492,042
Bismarck State College	0.00000000%	-	-	-	-	-	-	-	-	0.00%	-	(6,828)	(6,828)
Blessed John Paul II Catholic Sch Network	0.00000000%	-	-	-	-	-	-	-	-	0.00%	-	(8,785)	(8,785)
Bottineau School	0.52297432%	5,510,347	4,030,561	8,273,990	5,510,347	3,215,421	513,897	513,897	-	12.75%	190,902	(149,016)	41,886
Bowbells School	0.08860802%	933,623	682,902	1,401,870	933,623	544,792	87,070	87,070	-	12.75%	32,345	1,721	34,066
Bowman School	0.44356212%	4,673,616	3,418,532	7,017,608	4,673,616	2,727,168	435,863	435,863	-	12.75%	161,914	1,508	163,422
Burke Central School	0.12157112%	1,280,941	936,948	1,923,380	1,280,941	747,460	119,461	119,461	-	12.75%	44,377	(44,127)	250
Burleigh County Spec. Ed.	0.01564848%	164,881	120,603	247,575	164,881	96,212	15,377	15,377	-	12.75%	5,712	6,941	12,653
Carrollton School	0.38735126%	4,081,347	2,985,315	6,128,294	4,081,347	2,381,565	380,529	380,529	-	12.75%	141,396	(127,292)	14,104
Cavalier School	0.35591735%	3,434,829	2,512,417	5,157,524	3,434,829	2,034,306	320,333	320,333	-	12.75%	113,987	(88,029)	25,958
Center Stanton School	0.22830447%	2,405,542	1,759,542	3,613,011	2,405,542	1,403,692	224,342	224,342	-	12.75%	83,338	1,542	84,880
Central Cass School	0.58675909%	6,182,418	4,522,150	9,283,131	6,182,418	3,607,591	576,574	576,574	-	12.75%	214,186	37,798	251,984
Central Elementary School	0.00000000%	-	-	-	-	-	-	-	-	0.00%	-	(19,182)	(19,182)
Central Regional Education Association	0.10332162%	1,088,654	796,299	1,634,654	1,088,654	635,256	101,528	101,528	-	12.75%	37,716	(200,276)	237,992
Central Valley School	0.18493426%	1,948,570	1,425,288	2,925,850	1,948,570	1,137,038	181,724	181,724	-	12.75%	67,507	(41,386)	26,121
Dakota Prairie School	0.30004219%	3,161,410	2,312,424	4,746,975	3,161,410	1,844,760	294,834	294,834	-	12.75%	109,525	32,602	142,127
Devils Lake School	1.52146882%	16,031,037	11,725,954	24,071,198	16,031,037	9,354,500	1,495,059	1,495,059	-	12.75%	555,385	(316,531)	238,854
Dickinson School	3.25487764%	34,295,191	25,085,329	51,495,504	34,295,191	20,012,077	3,198,380	3,198,380	-	12.75%	1,188,135	1,154,389	2,342,524
Divide School	0.38192398%	4,024,162	2,943,487	6,042,429	4,024,162	2,348,196	375,295	375,295	-	12.75%	139,415	23,354	162,769
Drake School	0.06628015%	698,154	510,667	1,048,304	698,154	407,390	65,110	65,110	-	12.75%	24,187	(43,373)	(19,186)
Drayton School	0.20908981%	2,203,086	1,611,454	3,308,015	2,203,086	1,285,554	205,460	205,460	-	12.75%	76,324	40,468	116,792
Dunsmuir School	0.48836222%	5,150,649	3,767,459	7,733,691	5,150,649	3,005,529	480,351	480,351	-	12.75%	178,441	124,391	302,832
E Central Ctr Exc Childn	0.07839937%	826,059	604,224	1,240,358	826,059	482,026	77,039	77,039	-	12.75%	28,618	(93,917)	(65,299)
Earl Elem. School	0.00352927%	37,186	27,200	55,837	37,186	21,699	3,468	3,468	-	12.75%	1,288	(3,117)	(1,829)
Edgeley School	0.17957560%	1,892,108	1,383,988	2,841,070	1,892,108	1,104,091	176,459	176,459	-	12.75%	65,551	(36,976)	28,575
Edmore School	0.08684976%	915,097	669,351	1,374,052	915,097	533,981	85,342	85,342	-	12.75%	31,703	(41,037)	(9,334)
Eight Mile School	0.25734306%	2,711,509	1,983,342	4,071,431	2,711,509	1,582,231	252,876	252,876	-	12.75%	93,938	88,347	182,285
Elgin-New Leipzig School	0.15574455%	1,641,011	1,200,323	2,464,039	1,641,011	957,570	153,041	153,041	-	12.75%	56,852	(19,736)	37,116
Ellendale School	0.23756904%	2,503,159	1,830,944	3,758,586	2,503,159	1,460,654	233,445	233,445	-	12.75%	86,720	(96,960)	(10,240)
Emerado Elementary School	0.09790718%	1,031,604	754,570	1,548,992	1,031,604	601,966	96,208	96,208	-	12.75%	35,739	12,069	47,808
Enderlin Area School District	0.28231026%	2,974,577	2,175,784	4,466,438	2,974,577	1,735,738	277,410	277,410	-	12.75%	103,052	(51,098)	51,954
Fairmount School	0.10527434%	1,109,229	811,349	1,665,548	1,109,229	647,262	103,447	103,447	-	12.75%	38,429	(102,617)	(64,188)
Fargo Public Schools	10.18739920%	107,340,073	78,514,245	161,175,107	107,340,073	62,635,541	10,010,567	10,010,567	-	12.75%	3,718,728	(1,207,704)	2,511,024
Fessenden-Bowdon School	0.15167475%	1,598,129	1,168,957	2,399,650	1,598,129	932,547	148,042	148,042	-	12.75%	55,386	(3,338)	52,028
Finley-Sharon School	0.15136539%	1,594,869	1,166,572	2,394,756	1,594,869	930,645	148,738	148,738	-	12.75%	55,253	(60,665)	(5,412)
Flasher School	0.18637055%	1,963,703	1,436,357	2,948,573	1,963,703	1,145,869	183,136	183,136	-	12.75%	68,031	11,880	79,911
Fordville Larkin School	0.08045092%	847,675	620,035	1,272,816	847,675	494,639	79,054	79,054	-	12.75%	29,367	(23,048)	6,319
Fort Ransom Elem School	0.02237368%	235,741	172,434	353,975	235,741	137,561	21,985	21,985	-	12.75%	8,167	(6,757)	1,410
Fort Totten School	0.23793068%	2,506,969	1,833,731	3,764,307	2,506,969	1,462,877	233,801	233,801	-	12.75%	86,852	(41,164)	45,688
Fort Yates School	0.13627427%	1,435,861	1,050,265	2,155,999	1,435,861	837,860	133,909	133,909	-	12.75%	49,744	(74,655)	(24,911)
Gardner-Streeter Pub Sch	0.11481561%	1,210,814	895,654	1,818,082	1,210,814	706,540	112,921	112,921	-	12.75%	41,292	(44,604)	(27,344)
Garrison School	0.33045686%	3,481,876	2,546,830	5,229,157	3,481,876	2,031,759	324,721	324,721	-	12.75%	120,627	(86,671)	33,956
Glen Ullin School	0.15849935%	1,670,037	1,221,554	2,507,622	1,670,037	974,507	155,748	155,748	-	12.75%	57,857	(23,416)	34,441
Glenburn School	0.25240442%	2,659,473	1,945,280	3,993,297	2,659,473	1,551,867	248,023	248,023	-	12.75%	92,136	(12,834)	79,302
Goodrich School	0.02355748%	248,215	181,557	372,704	248,215	144,839	23,149	23,149	-	12.75%	8,599	(42,690)	(34,091)
Grafton School	0.60701365%	6,395,832	4,678,252	9,603,579	6,395,832	3,732,123	596,477	596,477	-	12.75%	221,579	(149,988)	71,591
Grand Forks School	6.6498599%	70,067,931	51,251,415	105,209,601	70,067,931	40,886,340	6,534,556	6,534,556	-	12.75%	2,427,458	(976,514)	1,450,940
Great North West Cooperative	0.01777405%	187,277	136,985	281,204	187,277	109,281	17,466	17,466	-	12.75%	6,488	(6,685)	(197)
Grenora School	0.17069661%	1,798,554	1,315,558	2,700,595	1,798,554	1,049,500	167,734	167,734	-	12.75%	62,310	3,369	65,679

Section 3: Additional Information for GASB 68

EXHIBIT E

Schedule of Pension Amounts by Employer as of June 30, 2021

Employer Name	Discount Rate Sensitivity				Schedule of Contributions					Pension Expense			
	Employer's Proportionate Share Allocation	Net Pension Liability	Covered Payroll	1% Decrease (6.25%)	Current	1% Increase (8.25%)	Statutory Required Contribution	Contributions In Relation to the Statutory Required Contribution	Contribution Deficiency/ (Excess)	Contributions as a Percentage of Covered Payroll	Proportionate Share of Plan Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
					Discount Rate (7.25%)								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
Griggs County Central Sch	0.21533823%	2,268,923	1,659,611	3,406,872	2,268,923	1,323,972	211,600	211,600	-	12.75%	78,605	(131,055)	(52,450)
Gst Educational Services	0.26056863%	2,745,495	2,008,201	4,122,463	2,745,495	1,602,063	256,046	256,046	-	12.75%	95,116	23,062	118,178
Halliday School	0.04038710%	425,541	311,263	638,965	425,541	248,313	39,686	39,686	-	12.75%	14,743	(55,072)	(40,329)
Hankinson School	0.21184118%	2,232,076	1,632,699	3,351,545	2,232,076	1,302,470	208,164	208,164	-	12.75%	77,329	(95,065)	(17,736)
Harvey School	0.3363036%	3,233,700	2,305,301	4,658,521	3,233,700	1,898,343	311,576	311,576	-	12.75%	112,029	(86,208)	15,821
Hatton, Eielson Psd	0.17172208%	1,809,359	1,323,461	2,716,819	1,809,359	1,055,805	168,741	168,741	-	12.75%	62,684	(17,345)	45,339
Hazelton - Moffit School	0.11975899%	1,261,847	922,982	1,894,710	1,261,847	736,318	117,680	117,680	-	12.75%	43,716	(21,176)	22,540
Hazen School	0.39145943%	4,124,633	3,016,976	6,193,290	4,124,633	2,406,824	384,664	384,664	-	12.75%	142,895	(98,032)	44,863
Hebron School	0.15691709%	1,653,365	1,209,359	2,482,589	1,653,365	964,779	154,193	154,193	-	12.75%	57,280	(56,205)	2,075
Hettinger School	0.19410186%	2,045,165	1,495,942	3,070,891	2,045,165	1,193,403	190,733	190,733	-	12.75%	70,853	(120,259)	(48,406)
Hillsboro School	0.37223090%	3,922,031	2,868,782	5,889,075	3,922,031	2,288,600	365,770	365,770	-	12.75%	135,876	7,471	143,347
Hope Page Public School District	0.22354241%	2,355,366	1,722,840	3,536,670	2,355,366	1,374,414	219,662	219,662	-	12.75%	81,600	(218,791)	300,391
Horse Creek Elem. School	0.00599455%	63,162	46,200	94,840	63,162	36,857	5,890	5,890	-	12.75%	2,188	(25)	2,163
James River Multidistrict Spec Ed Unit	0.17999737%	1,896,552	1,387,239	2,847,743	1,896,552	1,106,684	176,873	176,873	-	12.75%	65,705	(31,825)	33,880
Kennmare School	0.28078695%	19,416,306	14,202,120	29,154,306	19,416,306	11,329,887	1,810,770	1,810,770	-	12.75%	672,665	(573,305)	99,360
Kensal School	0.03893556%	2,748,003	2,010,036	4,126,229	2,748,003	1,603,527	256,290	256,290	-	12.75%	95,203	(55,750)	39,453
Kidder County School District	0.27626408%	2,910,871	2,129,166	4,370,781	2,910,871	1,698,564	271,469	271,469	-	12.75%	100,845	(162,116)	(61,271)
Killedeer School	0.52440276%	5,525,398	4,041,570	8,296,590	5,525,398	3,224,204	515,300	515,300	-	12.75%	191,424	233,328	424,752
Kindred School	0.54275354%	5,718,751	4,182,999	8,586,918	5,718,751	3,337,030	533,332	533,332	-	12.75%	198,122	73,049	271,171
Kulm School	0.14214039%	1,497,670	1,095,475	2,248,807	1,497,670	873,927	138,673	138,673	-	12.75%	51,886	(60,297)	(8,411)
Lake Region Spec Ed	0.27163553%	2,862,102	2,093,494	4,297,553	2,862,102	1,670,106	266,920	266,920	-	12.75%	99,156	(24,262)	74,894
Lakota School	0.15414822%	1,624,191	1,188,020	2,438,783	1,624,191	947,755	151,473	151,473	-	12.75%	56,269	(74,003)	(17,734)
Lamoure School	0.20429854%	2,152,602	1,574,528	3,232,213	2,152,602	1,256,096	200,752	200,752	-	12.75%	74,576	(67,615)	6,961
Langdon Area School	0.33726349%	3,553,805	2,599,443	5,336,171	3,553,805	2,073,732	331,429	331,429	-	12.75%	123,119	(7,577)	130,696
Larimore School	0.28943455%	3,049,643	2,230,671	4,579,152	3,049,643	1,779,541	284,411	284,411	-	12.75%	105,653	(117,913)	(12,260)
Leeds School	0.13691420%	1,442,604	1,055,197	2,166,123	1,442,604	841,794	134,538	134,538	-	12.75%	49,978	(63,046)	(13,068)
Lewis And Clark School	0.34613549%	3,647,075	2,667,665	5,476,219	3,647,075	2,128,157	340,127	340,127	-	12.75%	126,351	(112,023)	14,328
Lidgerwood School	0.15372195%	1,619,699	1,184,734	2,432,039	1,619,699	945,134	151,054	151,054	-	12.75%	56,113	(56,643)	(2,530)
Linton School	0.21641281%	2,280,245	1,667,893	3,423,873	2,280,245	1,330,578	212,656	212,656	-	12.75%	78,998	(100,352)	(21,354)
Lisbon School	0.50900441%	5,363,152	3,922,895	8,052,972	5,363,152	3,129,530	500,169	500,169	-	12.75%	185,803	(82,444)	103,359
Litchville-Marion School	0.11643783%	1,226,853	897,386	1,842,166	1,226,853	715,899	114,417	114,417	-	12.75%	42,504	(39,813)	2,691
Little Heart Elem. School	0.02302545%	242,609	177,457	364,286	242,609	141,568	22,626	22,626	-	12.75%	8,405	12,311	20,716
Logan County	0.00000000%	-	-	-	-	-	-	-	-	0.00%	-	(1,265)	(1,265)
Lone Tree Elem. School	0.03778266%	398,099	291,191	597,760	398,099	232,300	37,127	37,127	-	12.75%	13,792	7,299	21,091
Loretto Spec Ed Unit	0.01760371%	185,482	135,672	278,509	185,482	108,234	17,298	17,298	-	12.75%	6,426	(10,293)	(3,867)
Maddox School	0.11695434%	1,222,813	894,430	1,836,099	1,222,813	713,541	114,040	114,040	-	12.75%	42,364	(74,316)	(31,952)
Mandan Public Schools	3.02445724%	31,867,354	23,309,480	47,850,016	31,867,354	18,595,376	2,971,959	2,971,959	-	12.75%	1,104,024	349,817	1,453,841
Mandaree School	0.22867741%	2,409,472	1,762,416	3,617,911	2,409,472	1,405,985	224,708	224,708	-	12.75%	83,475	(78,009)	5,466
Manning Elem School	0.01558441%	164,206	120,109	246,561	164,206	95,818	15,314	15,314	-	12.75%	5,689	5,730	11,419
Marvel Elem. School	0.13541983%	1,426,858	1,043,680	2,142,481	1,426,858	832,606	133,069	133,069	-	12.75%	49,433	16,673	66,106
Maple Valley School	0.22770871%	2,399,265	1,754,950	3,602,585	2,399,265	1,400,029	223,756	223,756	-	12.75%	83,121	(66,005)	17,116
Mapleton Elem. School	0.14349148%	1,511,906	1,105,888	2,270,182	1,511,906	882,234	141,001	141,001	-	12.75%	52,379	67,166	119,545
Marmarth Elem. School	0.01807985%	190,499	139,341	286,042	190,499	111,161	17,766	17,766	-	12.75%	6,600	(14,723)	(8,123)
Max School	0.16164632%	1,703,195	1,245,808	2,557,411	1,703,195	993,896	158,840	158,840	-	12.75%	59,006	(41,022)	17,984
May-Port C-G School	0.35358422%	3,725,559	2,725,072	5,594,065	3,725,559	2,179,954	347,447	347,447	-	12.75%	129,070	(116,889)	12,171
McClusky School	0.0985108%	1,038,178	759,379	1,558,863	1,038,178	605,802	96,821	96,821	-	12.75%	35,967	(47,094)	(11,127)
Mckenzie County	0.00635862%	66,998	49,006	100,600	66,998	39,095	6,248	6,248	-	12.75%	2,321	(4,303)	(1,982)
Mckenzie County School	1.51857383%	16,000,534	11,703,642	24,025,396	16,000,534	9,336,700	1,482,214	1,482,214	-	12.75%	554,328	1,344,888	1,899,317
Medina School	0.14350373%	1,512,035	1,105,983	2,270,376	1,512,035	882,309	141,013	141,013	-	12.75%	52,383	(26,140)	26,243
Menoken Elem School	0.03319400%	349,750	255,826	525,163	349,750	204,088	32,618	32,618	-	12.75%	12,117	23,093	35,210
Mikota	0.16680697%	1,757,570	1,285,581	2,639,057	1,757,570	1,025,585	163,912	163,912	-	12.75%	60,890	(5,928)	54,962
Midway School	0.17363867%	1,829,553	1,338,233	2,747,142	1,829,553	1,067,589	170,625	170,625	-	12.75%	63,384	(102,244)	(38,860)
Minor School	0.20724045%	2,183,600	1,597,201	3,278,757	2,183,600	1,274,184	203,643	203,643	-	12.75%	75,649	(56,173)	19,476
Minnewaukan School	0.27491710%	2,896,679	2,118,785	4,349,471	2,896,679	1,690,282	270,145	270,145	-	12.75%	100,354	(77,011)	23,343
Mint School	6.4508396%	67,969,551	49,716,549	102,058,907	67,969,551	39,661,885	6,338,990	6,338,990	-	12.75%	2,354,761	(818,892)	1,535,869
Minto School	0.21036919%	2,216,851	1,621,523	3,328,684	2,216,851	1,293,586	206,744	206,744	-	12.75%	76,801	(52,641)	24,160
Mohall Lansford Sherwood	0.27542521%	2,902,032	2,122,701	4,357,509	2,902,032	1,693,406	270,644	270,644	-	12.75%	100,539	(187,344)	(86,805)
Montpelier School	0.10792085%	1,137,114	831,746	1,707,419	1,137,114	663,534	106,048	106,048	-	12.75%	39,395	(10,923)	28,472
Morton County	0.00000000%	-	-	-	-	-	-	-	-	0.00%	-	(8,112)	(8,112)

Section 3: Additional Information for GASB 68

EXHIBIT E

Schedule of Pension Amounts by Employer as of June 30, 2021

Employer Name	Discount Rate Sensitivity				Schedule of Contributions					Pension Expense			
	Employer's Proportionate Share Allocation	Net Pension Liability	Covered Payroll	1% Decrease (6.25%)	Current Discount Rate (7.25%)	1% Increase (8.25%)	Statutory Required Contribution	Contributions In Relation to the Statutory Required Contribution	Contribution Deficiency/ (Excess)	Contributions as a Percentage of Covered Payroll	Proportionate Share of Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
Mott-Regent School	0.19157491%	2,018,539	1,476,467	3,030,912	2,018,539	1,177,867	188,250	188,250	-	12.75%	69,931	(97,833)	(27,902)
Mt Pleasant School	0.26813811%	2,825,251	2,066,539	4,242,220	2,825,251	1,648,603	263,484	263,484	-	12.75%	97,879	36,902	134,781
Munich School	0.13934575%	1,468,224	1,073,937	2,204,593	1,468,224	856,744	136,927	136,927	-	12.75%	50,866	15,093	65,959
N Central Area Career And Tech Center	0.00000000%	-	-	-	-	-	-	-	-	0.00%	-	(42,726)	(42,726)
Napoleon School	0.20986639%	2,211,268	1,617,439	3,320,302	2,211,268	1,290,329	206,224	206,224	-	12.75%	76,608	(58,501)	18,107
Naughton Rural School	0.01969078%	207,473	151,757	311,528	207,473	121,066	19,349	19,349	-	12.75%	7,188	14,968	22,156
Nd Center For Distance Education	0.25907040%	2,729,709	1,996,655	4,098,760	2,729,709	1,592,852	254,573	254,573	-	12.75%	94,569	183,978	278,547
Nd Dept Of Public Instruction	0.03109663%	327,598	239,815	491,899	327,598	191,156	30,951	30,951	-	12.75%	11,349	19,035	30,384
Nd School For Blind	0.00905389%	938,321	686,338	1,408,924	938,321	547,533	87,506	87,506	-	12.75%	32,506	(35,568)	(6,062)
Nd School For Deaf	0.12313235%	1,297,391	948,981	1,948,080	1,297,391	757,059	120,995	120,995	-	12.75%	44,947	(31,147)	13,800
Nd United	0.01397492%	147,247	107,705	221,098	147,247	85,922	13,732	13,732	-	12.75%	5,101	(67,895)	(62,794)
Nd Youth Correctional Cnt	0.06723413%	708,416	518,173	1,063,713	708,416	413,378	66,067	66,067	-	12.75%	24,543	(230,626)	(206,083)
Nedrose School	0.45613175%	4,806,056	3,515,406	7,216,472	4,806,056	2,804,451	448,214	448,214	-	12.75%	166,503	397,377	563,880
Nelson County	0.00136846%	14,419	10,547	21,650	14,419	8,414	1,345	1,345	-	12.75%	500	(917)	(417)
Nesson School	0.30204823%	3,182,547	2,327,885	4,778,713	3,182,547	1,857,094	296,805	296,805	-	12.75%	110,257	126,760	237,017
New England School	0.19945789%	2,101,599	1,537,221	3,155,628	2,101,599	1,226,334	195,996	195,996	-	12.75%	72,809	15,473	88,282
New Rockford Sheyenne School	0.24080368%	2,537,241	1,855,873	3,809,761	2,537,241	1,480,542	236,624	236,624	-	12.75%	87,901	(68,911)	18,990
New Salem-Almont	0.28198224%	2,971,121	2,173,236	4,461,248	2,971,121	1,733,721	277,088	277,088	-	12.75%	102,933	27,254	130,187
New Town School	0.85492300%	9,007,945	6,588,890	13,525,764	9,007,945	5,256,355	840,094	840,094	-	12.75%	312,074	378,102	690,176
Newburg United District	0.10472879%	1,103,480	807,144	1,656,917	1,103,480	643,908	102,911	102,911	-	12.75%	38,229	8,186	46,415
North Border School	0.35027840%	3,690,727	2,690,584	5,541,764	3,690,727	2,153,629	344,198	344,198	-	12.75%	127,853	(189,682)	(61,819)
North Sargent School	0.21610314%	2,276,034	1,664,812	3,417,549	2,276,034	1,328,121	212,264	212,264	-	12.75%	78,852	14,138	92,990
North Star	0.22387315%	2,358,851	1,725,389	3,541,903	2,358,851	1,376,447	219,987	219,987	-	12.75%	81,721	(42,144)	39,577
North Valley Area Career	0.10438161%	1,099,822	804,469	1,651,424	1,099,822	641,773	102,570	102,570	-	12.75%	38,103	9,994	48,097
Northern Cass School Dist	0.46281423%	4,876,467	3,566,907	7,322,196	4,876,467	2,845,537	454,781	454,781	-	12.75%	168,942	86,365	257,307
Northern Plains Spec Ed	0.05836784%	614,996	449,841	923,439	614,996	358,865	57,355	57,355	-	12.75%	21,306	44,625	65,931
Northwood School	0.26944292%	2,839,000	2,076,595	4,262,863	2,839,000	1,656,625	264,766	264,766	-	12.75%	98,355	83,265	181,620
Oakes School	0.32466831%	3,420,885	2,502,217	5,136,596	3,420,885	1,996,169	319,033	319,033	-	12.75%	118,514	(43)	118,471
Oberon Elem School	0.04680353%	493,151	360,717	740,485	493,151	287,766	45,991	45,991	-	12.75%	17,085	(94,806)	(77,721)
Oliver - Mercer Spec Ed	0.11233831%	1,183,659	865,791	1,777,307	1,183,659	690,694	110,388	110,388	-	12.75%	41,007	(62,365)	(21,358)
Page School	0.00000000%	-	-	-	-	-	-	-	-	0.00%	-	(202,979)	(202,979)
Park River Area School District	0.28907084%	3,045,810	2,227,868	4,573,397	3,045,810	1,777,304	284,053	284,053	-	12.75%	105,520	(96,804)	8,716
Parshall School	0.24304926%	2,560,901	1,873,180	3,845,289	2,560,901	1,494,348	238,830	238,830	-	12.75%	88,721	(70,380)	18,341
Peace Garden Spec Ed	0.09159449%	965,090	705,918	1,449,119	965,090	563,154	90,005	90,005	-	12.75%	33,435	29,498	62,933
Pembina Spec Ed Coop	0.01717462%	180,961	132,365	271,720	180,961	105,595	16,877	16,877	-	12.75%	6,269	(19,264)	(12,995)
Pingree - Buchanan School	0.12096532%	1,274,558	932,279	1,913,795	1,274,558	743,735	118,866	118,866	-	12.75%	44,156	(16,368)	27,788
Pleasant Valley Elem	0.00000000%	-	-	-	-	-	-	-	-	0.00%	-	(4,752)	(4,752)
Powers Lake School	0.18615840%	1,961,468	1,434,722	2,945,217	1,961,468	1,144,564	182,927	182,927	-	12.75%	67,954	44,128	112,082
Richardson-Taylor	0.25245119%	2,659,965	1,945,640	3,994,037	2,659,965	1,552,154	248,069	248,069	-	12.75%	92,153	(22,763)	69,390
Richland School	0.21933271%	2,306,796	1,687,314	3,463,740	2,306,796	1,346,072	215,132	215,132	-	12.75%	79,917	(69,114)	10,803
Robinson School	0.00000000%	-	-	-	-	-	-	-	-	0.00%	-	(20,228)	(20,228)
Rolette County	0.00000000%	-	-	-	-	-	-	-	-	0.00%	-	(1,139)	(1,139)
Rolette School	0.17235487%	1,816,026	1,328,338	2,726,831	1,816,026	1,059,695	169,363	169,363	-	12.75%	62,915	(11,249)	51,666
Rosevelt School	0.05059066%	533,051	389,902	800,396	533,051	311,048	49,713	49,713	-	12.75%	18,467	(26,102)	(7,635)
Roughrider Area Career And Tech Center	0.03068795%	323,345	236,512	485,515	323,345	188,680	30,155	30,155	-	12.75%	11,202	7,933	19,135
Roughrider Service Program	0.02604283%	274,402	200,712	412,024	274,402	160,120	25,591	25,591	-	12.75%	9,506	14,867	24,373
Rugby School	0.51972415%	5,476,101	4,005,512	8,222,569	5,476,101	3,195,438	510,703	510,703	-	12.75%	189,716	38,210	227,926
Rural Cass Spec Ed	0.21508813%	2,266,288	1,657,683	3,402,915	2,266,288	1,322,434	211,355	211,355	-	12.75%	78,514	81,066	159,580
Sargent Central School	0.23478896%	2,473,866	1,809,518	3,714,602	2,473,866	1,443,561	230,713	230,713	-	12.75%	85,706	13,107	98,813
Sawyer School	0.08385026%	878,224	642,380	1,318,697	878,224	512,465	81,993	81,993	-	12.75%	30,426	(94,991)	(64,565)
Scranton School	0.16164293%	1,703,159	1,245,781	2,557,357	1,703,159	993,835	158,837	158,837	-	12.75%	59,005	(20,009)	38,996
Se Region Career And Tech	0.24014597%	2,530,311	1,850,804	3,799,356	2,530,311	1,476,498	235,978	235,978	-	12.75%	87,661	(41,807)	45,854
Selkridge School	0.11982263%	1,262,518	923,473	1,895,717	1,262,518	736,710	117,743	117,743	-	12.75%	43,739	(28,810)	14,929
Sheyenne Valley Area Voc	0.12879901%	1,357,098	992,653	2,037,732	1,357,098	791,899	126,563	126,563	-	12.75%	47,016	24,467	71,483
Sheyenne Valley Spec Ed	0.24661620%	2,598,485	1,900,670	3,901,721	2,598,485	1,516,279	242,335	242,335	-	12.75%	90,023	(14,233)	75,790
Slope County	0.00358496%	37,773	27,629	56,718	37,773	22,042	3,523	3,523	-	12.75%	1,309	(604)	705
Solen - Cannonball School	0.21544414%	2,270,039	1,660,427	3,408,547	2,270,039	1,324,623	211,704	211,704	-	12.75%	76,644	(122,312)	(45,668)
Sours Valley Spec Ed	0.16250404%	1,712,232	1,252,418	2,570,981	1,712,232	999,129	159,683	159,683	-	12.75%	59,319	(154,611)	(95,292)
South Cent. Prairie Sp Ed	0.04833961%	509,333	372,553	764,782	509,333	297,208	47,501	47,501	-	12.75%	17,646	62,642	80,288
South East Education Cooperative	0.09238852%	973,457	712,038	1,461,681	973,457	568,036	90,785	90,785	-	12.75%	33,725	157,898	191,623

Section 3: Additional Information for GASB 68

EXHIBIT E
Schedule of Pension Amounts by Employer as of June 30, 2021

Employer Name	Discount Rate Sensitivity						Schedule of Contributions				Pension Expense		Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Total Employer Pension Expense
	Employer's Proportionate Share Allocation	Net Pension Liability	Covered Payroll	1% Decrease (6.25%)	Current Discount Rate (7.25%)	1% Increase (6.25%)	Statutory Required Contribution	Contributions In Relation to the Statutory Required Contribution	Contribution Deficiency/ (Excess)	Contributions as a Percentage of Covered Payroll	Proportionate Share of Plan Pension Expense	Employer Proportionate Share of Contributions	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
South Heart School	0.31739587%	3,344,258	2,446,169	5,021,528	3,344,258	1,951,456	311,887	311,887	-	12.75%	115,860	188,437	304,297
South Prairie School District	0.38364097%	4,042,253	2,956,719	6,069,594	4,042,253	2,358,753	376,982	376,982	-	12.75%	140,041	306,315	446,356
South Valley Spec Ed	0.06210062%	654,326	478,609	982,496	654,326	381,815	61,023	61,023	-	12.75%	22,669	(78,495)	(55,826)
Southwest Special Education Unit	0.00908268%	95,700	70,000	143,697	95,700	55,843	8,925	8,925	-	12.75%	3,315	(2,228)	(1,089)
St. John's School	0.71103598%	4,953,106	3,630,280	7,452,288	4,953,106	2,858,083	462,861	462,861	-	12.75%	171,944	445,587	321,081
St. Thomas School	0.07371653%	776,718	568,133	1,166,271	776,718	453,234	72,437	72,437	-	12.75%	26,909	(63,111)	(36,202)
Stanley School	0.49042606%	5,167,400	3,779,712	7,759,043	5,167,400	3,015,304	481,913	481,913	-	12.75%	179,021	1,357	180,378
Starkweather School	0.08502312%	895,851	655,273	1,345,153	895,851	522,751	83,547	83,547	-	12.75%	31,036	(17,002)	14,034
Sterling School	0.02250046%	237,077	173,411	355,980	237,077	138,340	22,110	22,110	-	12.75%	8,213	(26,192)	(17,979)
Strasburg School District	0.11720119%	1,234,897	903,269	1,854,243	1,234,897	720,592	115,167	115,167	-	12.75%	42,782	(41,790)	992
Surrey School	0.35097025%	3,698,017	2,704,926	5,552,709	3,698,017	2,157,883	344,878	344,878	-	12.75%	128,115	(29,675)	98,440
Sweet Briar Elem School	0.01607112%	169,334	123,860	254,262	169,334	98,811	15,792	15,792	-	12.75%	5,866	6,315	12,181
Tgu School District	0.34703227%	3,656,524	2,674,576	5,490,407	3,656,524	2,133,671	341,008	341,008	-	12.75%	126,678	(148,225)	(21,547)
Thompson School	0.34970763%	3,684,713	2,695,195	5,532,733	3,684,713	2,150,120	343,637	343,637	-	12.75%	127,655	51,481	179,136
Toga School	0.44878979%	4,728,697	3,458,821	7,100,315	4,728,697	2,759,310	441,000	441,000	-	12.75%	163,823	71,050	234,873
Turtle Lake-Mercer School	0.19542289%	1,953,718	1,429,053	2,933,580	1,953,718	1,140,042	182,204	182,204	-	12.75%	67,685	(36,306)	31,379
Twin Buttes Elem. School	0.06226814%	656,082	479,900	985,146	656,082	382,845	61,187	61,187	-	12.75%	22,730	(23,251)	(561)
Underwood School	0.20490455%	2,158,988	1,579,199	3,241,800	2,158,988	1,259,822	201,348	201,348	-	12.75%	74,797	(72,588)	2,209
United School	0.45947725%	4,841,306	3,579,401	7,269,401	4,841,306	2,825,020	451,502	451,502	-	12.75%	167,724	(34,178)	133,546
Upper Valley Spec Ed	0.34577166%	3,643,241	2,664,861	5,470,462	3,643,241	2,125,920	339,770	339,770	-	12.75%	126,218	(36,146)	90,072
Valley - Edinburg School	0.20312356%	2,140,222	1,565,472	3,213,623	2,140,222	1,248,872	199,598	199,598	-	12.75%	74,147	(74,031)	116
Valley City School	0.84781538%	8,933,052	6,534,110	13,413,309	8,933,052	5,212,653	833,099	833,099	-	12.75%	309,480	(273,855)	35,625
Velva School	0.39866921%	4,200,599	3,072,542	6,307,356	4,200,599	2,451,152	391,749	391,749	-	12.75%	145,527	185	145,712
Wahpeton School	0.97992119%	10,324,992	7,552,249	15,503,359	10,324,992	6,024,884	962,912	962,912	-	12.75%	357,703	(166,230)	192,473
Ward County	0.00408073%	42,997	31,450	64,561	42,997	25,090	4,010	4,010	-	12.75%	1,490	(721)	769
Warwick School	0.24028994%	2,531,817	1,851,906	3,801,618	2,531,817	1,477,377	236,118	236,118	-	12.75%	87,713	(35,223)	52,491
Washburn School	0.26962236%	2,840,890	2,077,978	4,265,702	2,840,890	1,657,729	264,942	264,942	-	12.75%	98,421	42,012	140,433
West Fargo School	9.31477104%	98,145,580	71,788,903	147,369,234	98,145,580	57,270,331	9,153,085	9,153,085	-	12.75%	3,400,191	3,163,786	6,563,977
West River Student Services	0.07173026%	755,790	552,825	1,134,846	755,790	441,022	70,465	70,465	-	12.75%	26,184	(53,883)	(27,699)
Westhope School	0.15327211%	1,614,960	1,181,268	2,424,922	1,614,960	942,368	150,612	150,612	-	12.75%	55,949	(15,942)	40,007
White Shield School	0.21686402%	2,284,999	1,671,370	3,431,011	2,284,999	1,333,353	213,100	213,100	-	12.75%	79,162	(27,845)	51,317
Williams Co School Dist #8	0.42081291%	4,433,918	3,243,203	6,657,692	4,433,918	2,587,299	413,508	413,508	-	12.75%	153,610	(147,086)	300,696
Williston School	3.34118356%	35,204,558	25,750,488	52,860,952	35,204,558	20,542,715	3,283,187	3,283,187	-	12.75%	1,219,639	1,683,894	2,903,533
Wilmac Special Education	0.65973954%	6,951,381	5,084,610	10,437,756	6,951,381	4,056,300	648,288	648,288	-	12.75%	240,828	407,954	648,780
Wilton School	0.20568159%	2,167,175	1,585,187	3,254,094	2,167,175	1,264,599	202,111	202,111	-	12.75%	75,080	18,423	93,503
Wing School	0.09322911%	982,313	719,516	1,474,980	982,313	573,204	91,611	91,611	-	12.75%	34,032	(29,312)	4,720
Wishek School	0.16552944%	1,770,509	1,295,045	2,656,465	1,770,509	1,033,135	165,118	165,118	-	12.75%	61,336	(40,006)	21,332
Wolford School	0.00000000%	-	-	-	-	-	-	-	-	0.00%	-	(153,237)	(153,237)
Wyndmere School	0.18882097%	1,989,522	1,455,242	2,987,341	1,989,522	1,160,935	185,543	185,543	-	12.75%	68,926	(80,304)	(11,378)
Yellowstone Elem. School	0.07608671%	801,692	586,400	1,203,770	801,692	467,807	74,766	74,766	-	12.75%	27,774	(6,114)	21,660
Zealand School	0.06232177%	656,657	480,314	985,994	656,657	383,175	61,240	61,240	-	12.75%	22,749	(28,886)	(1,137)
Grand Totals:	100.000000%	1,053,655,311	770,699,600	1,582,102,595	1,053,655,311	614,833,478	98,264,202	98,264,202	-	12.75%	36,503,210	-	36,503,210

Section 3: Additional Information for GASB 68

EXHIBIT E (continued)

Schedule of Pension Amounts by Employer as of June 30, 2021

Employer Name	Deferred Outflows of Resources				Deferred Inflows of Resources				Deferred (Inflows)/Outflows Recognized in Future Pension Expense (Year Ended June 30):								
	Differences Between Expected and Actual Experience	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources								
										2022	2023	2024	2025	2026	Thereafter		
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)			
Alexander School	\$ 14,556	\$ 73,591	\$ 273,565	\$ 361,712	\$ 88,357	\$ 613,902	\$ -	\$ 121,398	\$ 823,657	\$ (67,554)	\$ (99,424)	\$ (115,093)	\$ (157,235)	\$ 5,139	\$ (27,778)		
Anamoose School	6,713	33,936	11,915	52,564	40,746	283,102	-	184,621	508,469	(109,826)	(98,657)	(111,767)	(129,905)	(8,297)	2,547		
Apple Creek Elem School	3,368	17,028	44,878	65,274	20,445	142,052	-	59,176	221,673	(45,681)	(43,921)	(45,839)	(41,875)	9,003	11,913		
Ashley School	10,554	51,333	45,118	106,889	61,533	428,226	-	76,411	566,270	(128,420)	(128,420)	(111,881)	(135,759)	1,149	15,794		
Bakker Elem School	823	2,645	18,522	18,822	3,172	22,055	-	497	25,735	(2,500)	(2,795)	(14,875)	-	2,106	2,657		
Barnes County North	16,359	82,703	45,645	144,707	99,298	689,920	-	226,550	1,015,768	(244,034)	(187,415)	(203,207)	(225,886)	9,194	(19,714)		
Beach School	20,515	103,713	9,999	134,227	124,524	865,191	-	418,914	1,408,629	(308,541)	(276,253)	(271,504)	(316,835)	(33,108)	(68,160)		
Belcourt School	87,735	443,549	247,974	779,258	532,550	3,700,142	-	1,021,740	5,254,432	(1,082,227)	(950,017)	(1,018,239)	(1,277,243)	6,472	(153,920)		
Belfield Public School	14,979	75,729	90,043	180,751	90,924	631,737	-	336,313	1,058,974	(183,760)	(181,329)	(190,286)	(242,591)	(42,857)	(37,401)		
Beluah School	37,613	190,153	198,879	426,645	228,308	1,586,276	-	234,535	2,109,119	(445,285)	(368,736)	(390,009)	(527,138)	41,980	6,713		
Billings Co. School Dist.	9,352	49,779	169,362	225,993	56,765	394,445	-	92,053	543,222	(65,122)	(65,303)	(69,904)	(14,386)	20,677	(16,455)		
Bismarck Public Schools	766,961	3,877,410	633,992	5,278,363	4,655,434	32,345,832	-	2,746,232	39,747,498	(8,381,957)	(7,416,094)	(8,733,455)	(10,562,596)	361,006	263,961		
Bismarck State College	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Blessed John Paul II Catholic Sch Network	-	-	-	-	-	-	-	-	8,367	-	-	-	-	-	-		
Bottineau School	38,284	193,549	176,861	408,694	232,386	1,614,611	-	543,627	2,390,624	(526,976)	(455,503)	(440,178)	(571,103)	(22,212)	34,402		
Bowbells School	6,487	32,793	67,411	106,691	39,373	273,565	-	52,962	365,800	(60,294)	(64,517)	(77,176)	(87,191)	6,849	13,219		
Bowman School	32,471	164,159	256,204	452,834	197,099	1,369,437	-	86,771	1,653,247	(324,759)	(261,491)	(300,521)	(391,632)	70,405	7,585		
Burke Central School	9,500	44,993	187,593	241,486	54,021	376,534	-	363,793	779,146	(97,542)	(131,431)	(129,632)	(178,864)	(3,826)	(8,812)		
Burleigh County Spec. Ed.	1,146	27,166	20,229	27,166	9,953	48,313	-	88,470	116,204	(0,019)	(8,256)	-	(14,266)	-	(2,676)		
Carrington School	28,356	143,356	26,205	197,917	172,121	1,195,894	-	541,522	1,909,537	(426,800)	(386,566)	(376,492)	(458,501)	(33,463)	(29,798)		
Cavalier School	23,864	120,647	125,910	270,421	144,856	1,006,455	-	197,023	1,348,334	(285,503)	(252,996)	(269,567)	(319,700)	10,363	39,581		
Center Stanton School	16,713	84,494	109,794	211,001	101,448	704,859	-	80,329	886,636	(173,631)	(146,327)	(167,269)	(226,611)	15,905	22,298		
Central Cass School	42,954	217,155	540,031	800,140	260,729	1,811,538	-	174,346	2,246,613	(375,284)	(291,566)	(363,390)	(474,422)	83,809	(25,619)		
Central Elementary School	-	-	1,557	1,557	-	-	-	72,841	72,841	(19,073)	(17,887)	(16,902)	(17,422)	-	-		
Central Regional Education Association	7,664	38,236	1,003,170	1,048,913	45,871	318,391	-	2,421	367,323	(25,204)	(30,596)	(31,959)	(33,414)	26,944	7,791		
Central Valley School	13,538	68,443	12,986	94,967	82,176	570,959	-	83,875	737,010	(165,455)	(133,317)	(150,385)	(189,700)	(4,202)	(2,767)		
Dakota Prairie School	21,965	111,044	267,065	400,074	133,325	926,339	-	173,831	1,233,495	(195,632)	(176,642)	(194,528)	(284,302)	36,847	(19,165)		
Devils Lake School	111,380	563,085	405,842	1,080,307	676,071	4,697,325	-	894,221	6,267,617	(1,358,829)	(1,138,679)	(1,219,018)	(1,433,302)	47,765	(85,248)		
Dickinson School	238,274	1,204,608	3,866,349	5,309,231	1,446,319	10,048,986	-	439,525	11,934,830	(1,644,430)	(1,441,627)	(1,819,716)	(2,602,133)	33,846	550,460		
Divide School	27,959	141,347	335,925	505,231	169,710	1,179,138	-	168,199	1,517,047	(241,072)	(213,020)	(269,655)	(354,223)	68,604	(2,449)		
Drake School	4,851	24,522	12,350	41,723	29,443	204,569	-	76,438	310,450	(81,100)	(64,730)	(52,870)	(68,442)	-	(9)		
Drayton School	15,336	77,363	243,341	336,030	92,910	645,536	-	112,177	890,623	(141,977)	(109,611)	(155,024)	(185,473)	23,029	54,468		
Dunsmuir School	35,785	180,915	314,928	531,628	217,217	1,509,214	-	46,714	1,775,145	(247,088)	(259,605)	(353,180)	(462,763)	46,692	30,435		
E Central Ctr Exc Childn	5,739	29,015	-	34,754	34,837	242,047	-	434,708	711,592	(153,756)	(128,628)	(135,871)	(148,171)	(60,916)	(49,496)		
Earl Elem. School	258	1,306	1,094	1,568	1,096	6,896	-	11,810	24,274	(5,363)	(4,815)	(4,967)	(5,999)	(131)	(340)		
Edgely School	13,146	66,460	112,518	192,124	79,795	554,415	-	257,160	891,370	(168,676)	(153,559)	(167,256)	(176,733)	(21,451)	(11,571)		
Edmore School	6,358	32,142	41,833	80,333	38,592	268,137	-	319,762	626,491	(111,670)	(102,835)	(98,560)	(124,250)	(39,054)	(69,788)		
Eight Mile School	18,839	95,241	377,459	491,539	114,352	794,511	-	124,506	1,033,369	(133,110)	(137,855)	(146,571)	(235,704)	49,374	62,037		
Elgin-New Leipzig School	11,401	57,640	33,092	102,133	69,206	480,840	-	196,803	746,849	(127,339)	(139,961)	(160,658)	(187,878)	(20,957)	(7,921)		
Elmendale School	17,391	87,993	58,675	163,989	105,565	733,462	-	243,566	1,082,590	(251,411)	(211,857)	(213,633)	(282,131)	(11,324)	(11,696)		
Ernsdorf Elementary School	7,167	36,753	102,565	146,361	55,562	402,272	-	133,763	365,544	(59,063)	(60,148)	(66,566)	(78,148)	23,079	9,917		
Enderlin Area School District	20,667	104,481	22,937	148,085	125,446	871,594	-	212,133	1,209,173	(242,291)	(242,291)	(276,145)	(301,238)	17,638	8,513		
Fairmount School	7,707	38,961	12,969	59,637	46,779	325,020	-	520,090	891,889	(177,833)	(153,095)	(163,407)	(187,645)	(73,719)	(76,553)		
Fargo Public Schools	745,772	3,770,286	889,705	5,405,763	4,526,815	31,452,191	-	4,559,862	40,438,868	(8,384,291)	(7,634,669)	(8,307,443)	(10,250,993)	261,693	(717,403)		
Fessenden-Bowdon School	11,103	56,134	54,241	121,478	67,397	468,275	-	146,888	682,560	(115,334)	(115,752)	(132,020)	(157,613)	(4,219)	(36,144)		
Finley-Sharon School	11,081	56,019	51,090	118,190	67,260	467,320	-	111,474	646,054	(164,785)	(102,792)	(112,961)	(144,644)	(229)	(2,853)		
Flasher School	13,643	69,974	187,281	269,898	82,815	575,393	-	7,037	665,245	(99,029)	(67,318)	(120,570)	(154,320)	36,663	29,227		
Fontville-Larkin School	5,889	29,774	32,747	68,410	43,749	249,381	-	133,763	417,893	(74,368)	(74,368)	(75,394)	(86,811)	(12,864)	(22,844)		
Fort Ransom Elem School	1,636	8,280	547	10,465	9,942	69,076	-	15,663	36,681	(12,918)	(19,502)	(21,118)	(24,161)	880	625		
Fort Totten School	17,418	88,056	337,774	443,248	105,726	734,578	-	186,777	1,027,081	(198,031)	(155,387)	(170,927)	(168,188)	46,277	62,424		
Fort Yates School	9,976	50,434	91,497	151,907	60,554	420,728	-	492,451	973,733	(187,380)	(170,946)	(216,754)	(179,742)	(47,542)	(19,462)		
Gaekle-Streiter Pub Sch	8,412	42,529	10,133	61,074	51,083	354,786	-	38,225	444,074	(91,415)	(86,393)	(94,629)	(117,084)	2,758	3,763		
Garrison School	24,191	122,300	11,687	158,178	146,840	1,020,240	-	176,722	1,343,802	(306,713)	(265,876)	(287,053)	(350,050)	14,233	9,836		
Glenn Ullin School	11,603	58,660	80,709	159,972	70,430	479,345	-	173,982	733,757	(157,501)	(145,940)	(155,291)	(169,849)	20,426	25,369		
Glenburn School	18,477	93,413	18,578	266,485	117,157	779,284	-	215,087	1,215,807	(240,257)	(234,072)	(242,072)	(252,831)	(18,208)	(11,084)		
Goodrich School	1,725	8,718	9,110	18,553	10,468	74,330	-	263,834	347,032	(56,985)	(52,263)	(60,180)	(63,285)	(69,082)	(69,082)		
Grafton School	44,437	224,652	121,148	390,237	269,729	1,874,071	-	591,078	2,734,878	(619,266)	(560,449)	(563,286)	(626,966)	(2,983)	47,308		
Grand Forks School	486,814	2,461,114	128,172	3,076,100	2,954,950	20,530,915	-	3,649,091	27,134,956	(5,990,267)	(5,242,516)	(5,922,259)	(6,963,816)	(31,750)	(308,249)		
Grand North West Cooperative	1,301	6,578	116,169	124,048	7,898	54,875	-	201,505	264,278	(26,560)	(27,580)	(13,246)	(13,720)	(10,780)	(44,344)		
Grenora School	12,496	63,174	124,833	200,503	75,850	527,002	-	191,212	794,064	(143,550)	(124,940)	(138,746)	(173,625)	(22,8			

Section 3: Additional Information for GASB 68

EXHIBIT E (continued)
Schedule of Pension Amounts by Employer as of June 30, 2021

Employer Name	Deferred Outflows of Resources				Deferred Inflows of Resources				Deferred (Inflows)/Outflows Recognized in Future Pension Expense (Year Ended June 30):						
	Differences Between Expected and Actual Experience	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	2022	2023	2024	2025	2026	Thereafter
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
Griggs County Central Sch	15,764	79,695	4,241	99,700	95,686	664,827	-	391,861	1,152,374	(274,931)	(198,332)	(222,623)	(261,512)	(38,657)	(56,620)
Gst Educational Services	19,075	96,435	225,221	340,731	115,785	804,470	-	134,617	1,054,872	(141,747)	(183,409)	(247,320)	27,943	27,943	(22,583)
Halliday School	2,957	14,947	12,033	29,937	17,946	124,690	-	147,209	289,845	(86,389)	(63,722)	(36,291)	3,076	3,076	1,051
Hankinson School	15,508	78,401	30,809	124,718	94,133	654,030	-	167,295	915,458	(206,154)	(161,742)	(177,221)	(227,561)	(8,089)	(9,973)
Harvey School	22,467	113,583	18,623	154,673	136,374	947,521	-	381,008	1,484,903	(306,718)	(303,377)	(312,571)	(355,751)	(5,563)	(22,250)
Harris Eielson Pnd	12,571	63,553	85,432	161,556	76,305	530,188	-	90,590	620,063	(141,706)	(120,180)	(132,964)	(154,504)	9,202	14,644
Hazleton - Moffit School	8,787	44,322	97,009	150,098	53,215	369,739	-	153,230	576,184	(86,328)	(95,307)	(107,312)	(113,483)	(11,029)	(12,628)
Hazen School	28,657	144,876	67,959	241,492	173,947	1,208,577	-	446,230	1,828,754	(403,641)	(360,267)	(382,004)	(470,483)	13,903	15,232
Hebbron School	11,487	58,074	27,471	97,032	69,727	484,460	-	209,194	763,381	(161,429)	(143,503)	(163,336)	(186,792)	3,562	(14,852)
Hettinger School	14,209	71,836	16,160	102,205	86,250	599,263	-	204,057	899,570	(222,746)	(177,969)	(177,830)	(204,926)	6,602	(10,495)
Hillsboro School	27,249	137,760	149,259	314,268	165,402	1,149,212	-	215,501	1,530,115	(293,421)	(264,475)	(310,909)	(392,539)	9,317	36,180
Hope-Page Public School District	16,364	82,731	1,531,626	1,630,721	99,332	690,156	-	36,012	825,500	59,770	65,015	60,003	(400)	220,615	400,218
Horse Creek Elem. School	439	22,919	24,056	26,714	2,664	18,507	-	46,344	76,335	(668)	(11,568)	(5,228)	(5,228)	822	1,770
James River Multidistrict Spec Ed Unit	13,177	66,616	55,466	135,259	79,983	555,717	-	170,718	947,336	(179,852)	(170,816)	(201,818)	(246,526)	(9,440)	(6,335)
Jamesstown School	134,900	681,992	-	816,892	818,837	5,689,258	-	1,589,074	8,097,169	(1,813,137)	(1,554,952)	(1,716,185)	(2,014,920)	(50,070)	(126,014)
Kenmare School	19,092	96,523	133,962	249,577	115,891	805,205	-	146,164	1,067,260	(210,003)	(186,072)	(218,543)	(261,287)	35,375	22,849
Kensal School	2,851	14,411	49,637	66,899	17,303	120,221	-	161,143	298,667	(80,496)	(80,200)	(98,515)	(45,646)	(1,194)	14,285
Kidder County School District	20,224	102,243	123,945	246,412	122,759	852,927	-	630,692	1,606,378	(329,229)	(293,288)	(276,642)	(346,444)	(82,103)	(32,259)
Killdeer School	38,389	194,078	1,084,804	1,317,271	233,021	1,619,021	-	19,536	1,817,578	(182,018)	(129,070)	(181,012)	(315,442)	196,430	56,804
Kintred School	39,732	200,969	577,183	817,784	241,175	1,675,677	-	27,773	1,944,625	(318,318)	(251,699)	(319,435)	(445,075)	99,620	107,067
Kulm School	13,177	66,616	55,466	135,259	79,983	555,717	-	170,718	947,336	(179,852)	(170,816)	(201,818)	(246,526)	(9,440)	(6,335)
Lake Region Spec Ed	19,885	100,530	226,563	346,978	120,702	838,637	-	211,413	1,170,752	(207,475)	(156,056)	(179,211)	(252,657)	14,456	(42,832)
Lakota School	11,284	57,049	65,616	133,949	68,496	475,911	-	322,718	867,125	(154,853)	(146,895)	(160,102)	(210,111)	(24,966)	(36,250)
Lamoure School	14,956	75,609	606	91,171	90,781	630,744	-	250,479	972,004	(231,518)	(202,830)	(211,500)	(234,246)	(5,183)	4,444
Langdon Area School	24,691	124,826	429,123	578,640	149,873	1,041,316	-	453,419	1,644,608	(263,340)	(108,821)	(261,685)	(338,026)	(32,956)	(92,566)
Lanimore School	21,188	107,118	61,356	169,662	128,612	893,589	-	356,892	1,379,093	(267,598)	(260,105)	(281,240)	(352,034)	(11,472)	(16,982)
Leeds School	10,023	50,671	60,694	121,389	60,838	422,704	-	156,260	741,802	(170,618)	(141,177)	(148,164)	(168,087)	(15,795)	(37,267)
Lewis And Clark School	25,339	129,102	61,612	215,053	153,907	1,068,646	-	498,184	1,720,637	(379,875)	(343,739)	(388,123)	(466,076)	(47,471)	19,849
Lidenwood School	11,283	58,891	14,097	82,241	68,307	474,595	-	216,075	760,977	(153,280)	(150,435)	(163,905)	(169,345)	(8,748)	(33,585)
Linton School	15,843	80,093	6,330	102,266	96,164	668,145	-	308,541	1,072,850	(239,592)	(216,112)	(216,574)	(259,618)	(32,548)	(6,142)
Lisbon School	37,262	188,379	332,960	558,621	226,178	1,571,481	-	395,785	2,193,444	(413,185)	(394,688)	(421,717)	(529,466)	33,402	90,832
Litchville-Marion School	8,524	43,093	30,900	82,517	51,740	359,486	-	123,867	535,093	(112,374)	(105,671)	(117,620)	(111,902)	(293)	(4,715)
Little Heart Elem. School	1,686	6,522	56,612	66,820	10,231	71,088	-	1,695	83,014	(5,618)	(2,274)	(8,927)	(15,940)	6,976	9,588
Logan County	2,766	13,983	40,456	57,205	16,789	116,649	-	6,757	6,757	(1,219)	(1,162)	(1,121)	(1,117)	(1,080)	(1,058)
Lone Tree Elem. School	1,289	6,515	109,512	117,316	7,822	54,349	-	224,645	286,816	(25,257)	(28,205)	(22,188)	(31,505)	5,057	6,049
Louisa Spec Ed Unit	8,496	42,551	5,367	56,514	51,568	358,302	-	315,813	725,884	(160,550)	(141,399)	(138,386)	(144,390)	(27,788)	(55,865)
Mandan Public Schools	221,406	1,119,331	554,233	1,894,970	1,343,931	9,337,595	-	91,874	10,773,400	(2,109,666)	(1,938,643)	(2,271,659)	(2,826,428)	216,085	51,881
Mandaree School	16,740	84,632	269,998	371,370	101,614	706,010	-	367,003	1,174,627	(206,936)	(199,371)	(156,374)	(189,016)	1,396	(52,956)
Manning Elem School	1,141	5,788	102,856	109,765	6,925	48,115	-	67,681	122,721	(9,234)	(7,043)	(11,190)	(15,626)	3,151	26,985
Marvell Elem. School	9,913	50,118	132,648	192,679	80,174	418,090	-	56,771	535,035	(73,986)	(69,850)	(85,986)	(109,674)	(2,037)	(823)
Maple Valley School	16,669	84,273	12,477	113,419	101,183	703,019	-	194,912	899,114	(219,501)	(185,322)	(215,322)	(255,650)	(14,740)	4,728
Maplewood Elem. School	10,504	53,105	313,748	377,357	63,761	443,016	-	10,094	516,865	(43,041)	(65,947)	(85,047)	(89,458)	55,307	17,388
Marshall Elem. School	1,324	6,891	49,588	57,613	8,034	55,819	-	71,480	135,333	(20,621)	(29,234)	(21,505)	(32,022)	552	6,020
Max School	11,833	59,824	92,942	163,999	71,828	499,061	-	204,422	775,311	(156,362)	(148,020)	(160,854)	(176,804)	1,888	26,840
May-Port C-G School	25,884	130,859	-	156,743	157,117	1,091,643	-	628,620	1,877,380	(394,236)	(364,977)	(389,495)	(437,592)	(51,092)	(82,884)
Mcluskys School	7,213	36,466	232,993	276,672	43,783	304,201	-	222,063	570,047	(90,350)	(94,359)	(75,130)	(66,861)	3,014	30,311
Mckenzie County	465	2,353	2,887	5,705	2,825	19,631	-	6,122	28,578	(7,333)	(3,977)	(5,105)	(6,350)	396	(504)
Mckenzie County School	111,168	562,014	4,491,271	5,164,457	674,785	4,888,387	-	5,363,172	(22,534)	(60,552)	(300,122)	(714,586)	556,577	362,497	
Menard School	15,056	73,963	44,416	121,646	63,767	439,010	-	172,796	619,041	(119,237)	(125,391)	(146,096)	(161,656)	(14,465)	(16,356)
Menoken Elem School	2,430	12,285	74,853	89,568	14,750	102,482	-	117,232	(2,747)	(6,156)	(15,538)	(24,068)	(6,890)	12,256	
Midkota	12,211	61,734	197,421	271,366	74,121	514,994	-	58,479	647,594	(113,196)	(81,345)	(99,796)	(140,771)	39,241	19,640
Midway School	12,711	64,262	72,046	149,019	77,157	536,085	-	352,527	965,769	(212,393)	(212,733)	(211,519)	(197,630)	(3,041)	20,568
Minnor School	15,171	76,698	131,856	223,725	92,088	639,826	-	185,526	917,440	(203,695)	(148,140)	(153,782)	(218,960)	11,125	19,737
Minnewaukan School	20,125	101,745	464,489	586,359	122,161	848,769	-	197,633	1,168,563	(180,474)	(161,088)	(140,401)	(232,887)	72,814	59,833
Minot School	472,235	2,387,409	1,590,840	4,440,484	2,389,456	19,916,036	-	2,649,198	25,431,714	(5,431,489)	(4,824,211)	(5,401,795)	(6,428,347)	504,028	596,594
Mohr School	15,056	73,963	44,416	121,646	63,767	439,010	-	172,796	619,041	(119,237)	(125,391)	(146,096)	(161,656)	(14,465)	(16,356)
Mohr Lansford Sherwood	20,163	101,933	388,414	471,510	122,096	850,337	-	489,372	1,462,095	(370,554)	(291,505)	(297,701)	(331,077)	(32,731)	(16,431)
Montpelier School	7,900	39,941	8,447	56,288	47,955	333,191	-	91,099	472,245	(92,060)	(90,155)	(97,753)	(117,281)	(7,712)	(10,996)
Morton County	-	-	104	104	-	-	-	32,549	32,549	(8,407)	(8,513)	(8,379)	(2,717)	(1,519)	(2,910)

Section 3: Additional Information for GASB 68

EXHIBIT E (continued)
Schedule of Pension Amounts by Employer as of June 30, 2021

Employer Name	Deferred Outflows of Resources				Deferred Inflows of Resources				Deferred (Inflows)/Outflows Recognized in Future Pension Expense (Year Ended June 30):						
	Differences Between Expected and Actual Experience	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	2022	2023	2024	2025	2026	Thereafter
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(28)	
Mott-Regent School	14,024	70,901	141,475	226,400	85,127	591,461	-	440,109	1,116,697	(230,536)	(209,545)	(198,553)	(213,354)	11,764	(50,073)
Mt Pleasant School	19,629	99,236	326,341	445,206	119,148	827,839	-	74,165	1,021,152	(171,282)	(153,349)	(166,525)	(202,148)	57,498	59,860
Munich School	10,201	51,571	83,986	145,758	61,919	430,211	-	163,653	655,783	(97,616)	(103,342)	(116,177)	(154,697)	(20,324)	(17,870)
N Central Area Career And Tech Center								121,281	121,281	(42,032)	(40,413)	(38,836)			
Napoleon School	15,363	77,670	441,031	534,064	93,255	647,934	-	506,220	1,247,409	(210,913)	(181,376)	(193,196)	(243,786)	(5,137)	121,064
Naughton Rural School	1,441	7,267	79,728	88,456	8,750	80,733	-	1,495	71,038	620	1,493	(3,072)	(9,422)		17,639
Nd Center For Distance Education	18,965	95,890	793,256	908,101	115,119	799,844	-	93,084	1,008,047	(128,368)	(75,119)	(91,426)	(148,557)	118,426	225,098
Nd Dept Of Public Instruction	2,276	11,506	121,991	135,173	13,815	95,988	-	101,819	211,622	(3,255)	(17,961)	(39,815)	(45,192)	9,935	19,399
Nd School For Blind	6,519	32,958	26,405	65,882	39,571	274,942	-	192,391	506,904	(97,627)	(97,211)	(92,752)	(116,412)	(10,355)	(26,665)
Nd School For Deaf	9,014	45,570	17,105	71,689	54,714	380,154	-	180,793	615,661	(128,369)	(107,329)	(128,559)	(150,179)	(15,016)	(14,520)
Nd United	1,023	5,172	3,936	10,131	6,210	43,146	-	72,819	326,175	(76,938)	(73,087)	(76,785)	(76,785)	(14,923)	(1,477)
Nd Youth Correctional Cnt	4,922	24,883	35,337	65,142	29,876	207,576	-	1,328,526	1,565,978	(267,044)	(266,196)	(246,510)	(263,696)	(178,853)	(272,579)
Nebraska School	33,391	168,811	908,455	1,110,657	202,684	1,408,244	-	39,535	1,650,463	50,112	(166,015)	(220,852)	(345,776)	56,806	86,919
Nelson County	1,000	506	1,177	1,177	-	4,225	-	5,887	10,520	-	(2,055)	(2,416)	(2,416)	(1,012)	116
Nesson School	22,112	111,786	602,774	736,672	134,216	932,532	-	55,825	1,122,573	(108,609)	(108,412)	(122,326)	(223,181)	90,683	85,943
New England School	14,601	73,818	119,490	207,909	88,630	615,799	-	194,868	899,297	(152,386)	(158,724)	(179,808)	(214,974)	(14,218)	28,723
New Rockford Sheyenne School	17,628	89,120	67,702	174,450	107,002	743,448	-	270,550	1,121,000	(248,471)	(201,229)	(194,701)	(258,462)	(15,779)	(26,808)
New Salem-Almont	20,643	104,360	145,735	270,738	125,300	870,581	-	180,040	1,175,921	(210,788)	(153,928)	(222,592)	(279,809)	(5,513)	(32,554)
New Town School	62,585	316,401	1,492,688	1,871,674	379,889	2,639,458	-	118,732	3,138,079	(314,485)	(216,456)	(355,534)	(587,518)	213,101	(5,514)
Newburg United District	7,567	39,759	108,199	155,624	46,537	223,336	-	165,529	335,401	(98,189)	(64,295)	(77,452)	(114,915)	(19,692)	(36,303)
North Border School	23,767	120,157	495,988	639,912	144,268	1,002,369	-	252,695	1,399,325	(226,860)	(190,285)	(205,021)	(286,573)	95,498	53,939
North Sargent School	15,813	79,945	147,030	242,788	95,986	666,911	-	233,328	996,225	(149,598)	(178,511)	(188,234)	(247,149)	(8,315)	18,370
North Star	16,389	82,854	42,740	141,983	99,479	691,177	-	317,077	1,107,733	(216,321)	(213,215)	(213,522)	(265,813)	(17,636)	(39,245)
North Valley Area Career	7,641	38,631	253,094	299,366	46,382	322,264	-	29,397	398,043	(40,581)	(23,329)	(47,432)	(60,640)	45,178	28,127
Northern Cass School Dist	33,880	171,284	242,358	447,522	205,654	1,428,875	-	157,360	1,791,889	(263,284)	(255,009)	(377,658)	(465,901)	(1,452)	18,938
Northern Plains Spec Ed	4,273	21,602	202,524	228,399	25,936	180,203	-	26,729	232,868	(15,485)	(8,746)	(24,262)	(35,378)	26,595	53,228
Northwood School	19,725	99,719	318,008	437,452	119,728	831,868	-	8,201	959,797	(118,761)	(120,470)	(160,092)	(208,323)	51,077	34,223
Oakes School	23,767	120,157	495,988	639,912	144,268	1,002,369	-	252,695	1,399,325	(226,860)	(190,285)	(205,021)	(286,573)	95,498	53,939
Osborn Elem School	3,426	17,322	229,453	250,241	20,797	144,500	-	311,882	477,179	(75,271)	(28,251)	(50,772)	(57,689)	(38,584)	23,628
Oliver - Mercer Spec Ed	8,224	41,576	67,936	117,736	49,918	348,829	-	405,575	802,322	(156,493)	(148,587)	(136,458)	(159,694)	(16,215)	(67,139)
Page School	-	-	103,737	103,737	-	-	-	1,408,240	1,408,240	(199,580)	(185,434)	(199,449)	(171,946)	(173,353)	(374,741)
Park River Area School District	21,162	106,983	34,095	162,240	128,450	892,466	-	248,803	1,269,719	(283,314)	(241,073)	(279,677)	(314,446)	293	10,736
Parshall School	17,792	89,951	192,974	300,717	108,000	750,381	-	419,753	1,278,134	(222,621)	(195,345)	(182,819)	(293,120)	(28,090)	(55,423)
Peace Garden Spec Ed	6,705	33,898	178,126	218,729	40,700	282,785	-	87,551	411,036	(49,486)	(43,554)	(55,580)	(80,183)	34,942	1,554
Pembina Spec Ed Coop	1,257	6,356	23,113	30,726	7,632	53,024	-	20,395	81,055	(11,493)	(9,927)	(11,731)	(18,466)	2,616	(1,328)
Pingree - Buchanan School	8,855	44,768	130,539	184,252	53,751	373,464	-	132,737	559,952	(97,367)	(91,314)	(102,558)	(122,962)	31,959	3,981
Pleasant Valley Elem	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powers Lake School	13,628	68,896	187,468	269,992	82,720	574,738	-	27,950	685,408	(101,262)	(101,136)	(106,332)	(152,841)	33,441	12,714
Richardson-Taylor	18,481	93,430	124,302	216,213	112,178	779,408	-	314,335	1,205,921	(226,808)	(189,427)	(215,559)	(270,375)	(1,328)	(66,211)
Richland School	18,027	81,025	35,870	132,922	97,284	675,925	-	149,433	922,642	(225,058)	(155,937)	(196,072)	(218,896)	4,546	1,697
Robinson School	-	-	-	-	-	-	-	10,092	10,092	(10,092)	-	-	-	-	-
Rollette County	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roseville School	12,617	63,787	30,906	107,310	76,587	532,122	-	162,213	770,922	(157,134)	(141,074)	(174,275)	(191,706)	3,159	(2,581)
Rosevill School	3,704	18,723	72,339	94,766	22,480	156,192	-	189,066	367,738	(57,004)	(59,478)	(42,650)	(60,647)	(12,829)	(40,365)
Roughrider Area Career And Tech Center	2,247	11,357	129,468	143,072	13,836	94,745	-	19,473	127,854	(12,465)	8,651	(4,643)	(10,262)	20,977	12,961
Roughrider Service Program	1,906	9,638	25,868	37,412	11,572	80,404	-	139,417	231,393	(31,182)	(55,188)	(55,472)	(47,484)	(1,448)	(3,206)
Rugby School	38,047	192,346	282,261	492,654	230,942	1,604,577	-	22,708	1,858,227	(348,344)	(302,798)	(352,233)	(448,483)	70,456	15,829
Rural Cass Spec Ed	15,746	79,603	542,449	637,798	95,575	664,055	-	75,773	835,403	(70,153)	(64,593)	(58,939)	(139,482)	54,585	50,977
Sargent Central School	17,188	86,894	136,709	240,791	104,330	724,879	-	71,810	901,019	(149,240)	(132,308)	(166,823)	(232,128)	20,823	(551)
Solen School	15,192	30,947	82,999	94,950	37,032	299,034	-	471,132	574,051	(162,883)	(147,334)	(108,949)	(161,642)	2,136	78,914
Scranton School	11,833	59,823	26,757	98,413	71,827	499,050	-	111,880	682,757	(145,030)	(119,385)	(135,895)	(136,615)	(9,615)	(1,735)
Se Region Career And Tech	17,580	88,876	206,561	313,017	106,710	741,418	-	774	848,902	(139,000)	(125,314)	(154,449)	(199,621)	37,982	44,517
Selfridge School	8,772	44,346	23,797	76,915	53,244	369,936	-	201,700	624,880	(113,582)	(108,252)	(121,436)	(150,393)	(23,781)	(30,511)
Sheyenne Valley Area Voc	9,429	47,668	176,894	233,991	57,232	397,649	-	75,146	530,027	(66,161)	(59,632)	(61,023)	(97,045)	(181)	(11,994)
Sheyenne Valley Spec Ed	18,054	91,271	629,189	738,514	109,585	761,394	-	300,621	1,171,600	(208,339)	(137,833)	(139,921)	(200,925)	81,310	172,622
Slope County	292	1,327	418	2,007	1,983	11,068	-	2,994	5,655	(3,153)	(2,794)	(3,079)	(3,892)	(221)	(509)
Solen - Cannonball School	15,192	30,947	82,999	94,950	37,032	299,034	-	471,132	574,051	(162,883)	(147,334)	(108,949)	(161,642)	2,136	78,914
South Valley Spec Ed	11,896	60,142	159,193	231,231	72,209	501,709	-	477,512	1,051,430	(272,663)	(226,406)	(105,662)	(170,459)	(16,735)	(26,275)
South Cent. Prairie Sp Ed	3,539	17,890	405,986	427,415	21,480	149,242	-	37,508	208,230	27,181	30,918	26,169	29,260	78,650	27,007
South East Education Cooperative	6,763	34,192	70,826	751,781	41,053	285,237	-	287,499	613,789	88,981	95,590	(93,676)	(65,761)	20,179	92,679

Section 3: Additional Information for GASB 68

EXHIBIT E (continued)
Schedule of Pension Amounts by Employer as of June 30, 2021

Employer Name	Deferred Outflows of Resources				Deferred Inflows of Resources				Deferred (Inflows)/Outflows Recognized In Future Pension Expense (Year Ended June 30):							
	Differences Between Expected and Actual Experience	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		2022	2023	2024	2025	2026	2027	Thereafter
			Proportionate Share of Contributions	Total Deferred Outflows of Resources				Proportionate Share of Contributions	Total Deferred Inflows of Resources							
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)		
South Heart School	23,235	117,466	687,926	828,627	141,036	979,916	-	-	1,120,952	(72,538)	(66,334)	(111,679)	(201,532)	88,239	71,519	
South Prairie School District	28,085	141,983	601,296	771,364	170,473	1,184,439	-	-	1,354,912	(5,515)	(122,807)	(231,705)	(321,612)	56,487	41,603	
South Valley Spec Ed	4,546	22,983	78,022	105,591	27,595	191,727	-	201,700	421,022	(133,815)	(51,031)	(42,153)	(77,952)	(13,468)	2,989	
Southwest Special Education Unit	665	3,361	3,529	7,555	4,036	28,041	-	13,699	45,776	(8,018)	(7,272)	(8,479)	(10,201)	(753)	(3,498)	
St. John's School	34,482	174,328	899,209	1,108,019	209,307	1,454,262	-	18,957	1,682,526	(208,128)	(155,458)	(211,123)	(302,367)	163,714	138,855	
St. Thomas School	5,396	27,282	15,423	48,101	32,758	227,590	-	262,748	523,094	(118,218)	(96,077)	(97,226)	(97,198)	(25,761)	(40,513)	
Stanley School	35,902	181,503	179,271	396,676	151,923	1,514,123	-	572,197	2,304,243	(398,397)	(363,329)	(476,398)	(580,542)	(36,679)	(38,679)	
Starkweather School	6,224	31,466	120,223	157,913	37,780	282,497	-	70,691	370,968	(75,619)	(61,849)	(52,085)	(59,514)	18,723	17,288	
Sterling School	1,647	8,327	27,151	37,125	9,998	69,467	-	207,130	286,595	(47,431)	(46,419)	(49,897)	(61,406)	(38,043)	(5,274)	
Strasburg School District	8,580	43,375	88,583	140,538	52,079	361,843	-	255,027	668,949	(100,709)	(95,527)	(118,295)	(158,773)	(41,330)	(13,776)	
Surrey School	25,693	129,892	93,888	249,473	155,955	1,083,572	-	267,627	1,507,154	(295,475)	(263,065)	(287,507)	(375,058)	2,250	(38,826)	
Sweet Briar Elem School	1,176	5,948	19,512	26,836	7,141	49,617	-	8,845	85,603	(5,847)	(5,321)	(10,843)	(16,325)	(867)	238	
Tjuli School District	25,405	126,434	153,839	154,205	107,144	1,071,414	-	461,946	1,707,565	(393,727)	(359,632)	(359,652)	(397,945)	(7,949)	(35,813)	
Thompson School	25,600	129,424	197,898	352,922	155,594	1,079,674	-	76,864	1,311,932	(192,292)	(184,115)	(249,113)	(263,599)	13,172	(14,645)	
Tioga School	32,854	166,094	145,828	344,776	199,422	1,385,577	-	339,313	1,924,312	(340,159)	(332,370)	(367,996)	(464,208)	(27,714)	(47,089)	
Turtle Lake-Mercer School	13,574	68,624	83,220	165,418	82,393	572,468	-	123,913	778,774	(142,072)	(109,920)	(144,158)	(194,464)	(1,128)	(21,616)	
Twin Buttes Elem. School	4,558	23,045	28,152	55,755	27,669	192,244	-	58,264	278,177	(64,568)	(41,649)	(51,306)	(67,976)	(228)	3,303	
Underwood School	15,000	75,834	-	90,834	91,050	632,615	-	213,436	937,101	(219,806)	(194,519)	(200,916)	(230,300)	881	(1,607)	
United School	33,636	170,049	165,488	369,173	204,171	1,418,573	-	350,891	1,973,635	(332,134)	(299,424)	(429,394)	(508,666)	(17,434)	(17,408)	
Upper Valley Spec Ed	25,312	127,958	61,349	214,629	153,545	1,067,522	-	414,387	1,635,554	(316,044)	(292,100)	(355,945)	(409,611)	(25,750)	(50,435)	
Valley - Edinburg School	14,870	75,175	48,394	135,439	90,259	627,116	-	442,634	1,160,095	(214,530)	(245,590)	(249,113)	(263,599)	(25,913)	(23,913)	
Valley City School	62,065	313,771	23,710	399,546	376,730	2,617,513	-	576,421	3,570,664	(758,368)	(721,401)	(785,508)	(919,794)	6,543	7,408	
Velva School	29,185	147,545	275,813	452,543	177,150	1,230,836	-	105,230	1,513,216	(272,503)	(239,524)	(294,436)	(377,249)	55,138	67,899	
Wahpeton School	71,735	362,662	325,102	759,499	435,432	3,025,372	-	461,812	3,922,616	(879,327)	(754,143)	(793,218)	(934,401)	84,590	113,383	
Ward County	299	1,510	347	2,156	1,813	12,599	-	3,018	17,430	(3,724)	(3,242)	(3,505)	(4,391)	(94)	(318)	
Warwick School	17,590	88,929	242,765	349,284	106,773	741,859	-	342,616	1,191,248	(259,267)	(201,295)	(168,106)	(205,227)	32,897	(40,966)	
Washburn School	19,738	99,785	208,956	328,479	119,808	832,422	-	36,563	868,793	(156,020)	(154,151)	(163,633)	(240,282)	30,332	23,440	
West Fargo School	681,891	3,447,332	6,992,457	11,121,680	4,139,959	28,756,072	-	32,897,131	44,329,598	(4,359,995)	(6,116,221)	(6,249,718)	(6,249,718)	546,914	546,914	
West River Student Services	5,251	26,547	59,410	91,208	31,874	221,457	-	353,270	606,801	(124,422)	(113,621)	(119,779)	(104,076)	(45,667)	(7,828)	
Westhope School	11,220	56,725	37,887	105,832	68,107	473,207	-	122,568	663,882	(148,216)	(124,253)	(139,796)	(154,373)	(1,380)	9,968	
White Shield School	15,876	80,260	342,328	438,464	96,364	669,538	-	465,218	1,231,120	(174,470)	(140,437)	(146,201)	(197,414)	(20,507)	(113,628)	
Williams Co School Dist #8	30,806	155,740	1,145,556	1,332,102	186,990	1,299,202	-	46,651	1,532,843	(140,662)	(85,067)	(117,815)	(213,597)	164,490	191,910	
Williston School	244,592	1,236,549	5,323,273	6,804,414	1,484,670	10,315,444	-	37,465	11,837,579	(1,272,328)	(1,293,988)	(1,619,302)	(2,274,765)	896,816	530,403	
Wilmac Special Education	48,296	244,165	1,367,909	1,660,370	293,158	2,036,855	-	157,710	2,487,723	(159,577)	(181,444)	(360,363)	(444,987)	120,913	198,106	
Wilton School	15,057	76,121	96,266	167,444	91,396	635,014	-	48,374	774,784	(136,333)	(124,507)	(155,300)	(184,028)	13,619	(790)	
Wing School	6,826	34,903	100,407	141,735	41,427	287,932	-	193,469	522,728	(94,700)	(80,506)	(100,982)	(113,085)	(16,140)	24,420	
Wishek School	12,301	62,189	53,984	168,374	74,667	518,785	-	297,275	880,727	(168,781)	(149,817)	(177,596)	(208,214)	(32,235)	24,351	
Wolford School	-	-	14,485	14,485	-	-	-	792,109	792,109	(159,898)	(154,375)	(154,375)	(159,273)	(149,504)	-	
Wyndmere School	13,823	69,881	43,726	127,430	83,903	582,959	-	287,028	953,890	(203,338)	(175,993)	(190,384)	(198,013)	(11,586)	(47,145)	
Yellowstone Elem. School	5,570	28,159	55,714	89,443	33,809	234,907	-	52,940	321,656	(71,234)	(64,465)	(65,414)	(67,847)	11,020	15,726	
Zeland School	4,582	23,065	72,913	100,540	27,893	192,470	-	73,218	293,321	(63,271)	(33,842)	(42,642)	(66,531)	9,185	4,320	
Grand Totals:	7,320,530	37,009,305	60,769,895	105,099,730	44,435,438	308,736,216	-	60,769,895	413,941,549	(74,594,728)	(67,438,017)	(77,735,121)	(96,651,456)	5,485,923	2,091,580	

Note: Columns may not foot due to rounding.