

# North Dakota Teachers' Fund for Retirement

**Governmental Accounting Standards Board  
Statement Nos 67 and 68  
Actuarial Valuation as of July 1, 2020**



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.

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**Segal**



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November 4, 2020

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, 2020.

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

A handwritten signature in black ink that reads "Matthew A. Strom".

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

A handwritten signature in blue ink that reads "Tanya Dybal".

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Tanya Dybal, FSA, MAAA, EA  
Senior Actuary

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# 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, 2020. 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, 2020, provided by the North Dakota Retirement and Investment Office;
- The assets of the Fund as of June 30, 2020, 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.
- Effective with the July 1, 2020 actuarial valuation, the Board adopted several assumption changes, including the following:
  - Investment return assumption lowered from 7.75% to 7.25%;
  - Inflation assumption lowered from 2.75% to 2.30%;
  - Individual salary increases were lowered;
  - Rates of turnover, retirement and disability were changed to better reflect anticipated future experience;

## Section 1: Actuarial Valuation Summary

- The post-retirement healthy mortality table was updated to 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;
  - The disabled mortality was updated to the PubNS-2010 Non-Safety Disabled Mortality table projected with generational improvement using Scale MP-2019; and
  - The pre-retirement mortality table was updated to the PubT-2010 Employee table projected with generational improvement using Scale MP-2019.
  - The net impact of the assumption changes was an increase in the actuarial accrued liability of \$51.8 million, an increase in the actuarially determined contribution of 0.40%, and an increase in the effective amortization period of 1 year.
- 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.
  - 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 increased from \$1.38 billion as of June 30, 2019, to \$1.53 billion as of June 30, 2020, primarily as a result of unfavorable investment returns for the fiscal year ending June 30, 2020 and an increase in liability due to the changes in assumptions. Changes in these values during the prior fiscal year ending June 30, 2020, can be found in Exhibit 5.
  - The discount rate used to determine the TPL and NPL was 7.75% as of June 30, 2019 and 7.25% as of June 30, 2020. The detailed calculations used in this derivation were provided separately.
  - 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. Deterministic cost projections are based on a proprietary forecasting model. 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.

## Section 1: Actuarial Valuation Summary

### Summary of key valuation results

Disclosure elements for fiscal year ending June 30		2020	2019
<b>Disclosure elements for fiscal year ending June 30:</b>	• Service cost	\$80,591,201	\$77,755,965
	• Total Pension Liability	4,181,035,763	3,993,424,160
	• Plan Fiduciary Net Position	2,650,532,301	2,616,171,056
	• Net Pension Liability	1,530,503,462	1,377,253,104
	• Pension fiduciary net position as a percentage of total pension liability	63.4%	65.5%
<b>Schedule of contributions for fiscal year ending June 30:</b>	• Actuarially determined contributions	\$93,688,429	\$90,777,781
	• Actual contributions	93,032,453	89,444,881
	• Contribution deficiency / (excess)	655,976	1,332,900
<b>Demographic data for plan year ending June 30:</b>	• Number of retired members and beneficiaries	9,036	8,918
	• Number of vested terminated members	1,715	1,657
	• Number of active non-vested members	1,132	1,035
	• Number of active members	11,347	11,175
<b>Key assumptions as of June 30:</b>	• Investment rate of return	7.25%	7.75%
	• Municipal Bond Index	2.21%	3.50%
	• Inflation rate	2.30%	2.75%
	• Projected salary increases	3.80% to 14.80% varying by service	4.25% to 14.50% 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:

<b>Plan of benefits</b>	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.
<b>Participant data</b>	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.
<b>Assets</b>	The valuation is based on the market value of assets as of the valuation date, as provided by TFFR.
<b>Actuarial assumptions</b>	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.

## Section 1: Actuarial Valuation Summary

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

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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.

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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.

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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.

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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.

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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, 2020	July 1, 2019
Retired members and beneficiaries	9,036	8,918
Vested inactive members	1,715	1,657
Non-Vested inactive members	1,132	1,035
Active members		
Vested	8,216	7,936
Non-Vested	<u>3,131</u>	<u>3,239</u>
<b>Total active members</b>	11,347	11,175
<b>Total membership</b>	23,230	22,785

### Active Membership By Plan Eligibility

	July 1, 2020	July 1, 2019
Tiered 1 Grandfathered	1,396	1,633
Tiered 1 Non-Grandfathered	3,098	3,131
Tier 2	<u>6,853</u>	<u>6,411</u>
<b>Total active membership</b>	11,347	11,175

## Section 2: GASB 67 and 68 Information

### Exhibit 2 – Net pension liability

Reporting Date for Employer under GASB 68	June 30, 2020	June 30, 2019
<b>Components of the Net Pension Liability</b>		
Total Pension Liability	\$4,181,035,763	\$3,993,424,160
Plan Fiduciary Net Position	<u>(2,650,532,301)</u>	<u>(2,616,171,056)</u>
Net Pension Liability	1,530,503,462	1,377,253,104
Plan Fiduciary Net Position as a percentage of the Total Pension Liability	63.4%	65.5%

*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, 2020.

*Actuarial assumptions.* The total pension liability as of June 30, 2020, which was measured by an actuarial valuation as of July 1, 2020, used the following actuarial assumptions, applied to all periods included in the measurement:

<b>Inflation</b>	2.30%
<b>Salary increases</b>	3.80% to 14.80%, varying by service, including inflation and productivity
<b>Investment rate of return</b>	7.25%, net of pension plan investment expense, including inflation
<b>Cost-of-living adjustments</b>	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, 2020, 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, 2020 are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return*
Global Equities	58.0%	6.86%
Global Fixed Income	23.0%	1.25%
Global Real Estate	18.0%	5.02%
Cash Equivalents	<u>1.0%</u>	<u>0.00%</u>
<b>Total</b>	100%	

\* 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, 2020, is 2.21%, as published by The Bond Buyer.

The discount rate used to measure the total pension liability was 7.25% as of June 30, 2020. 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, 2020, 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, 2020. 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, 2020.

## 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.

	<b>1% Decrease (6.25%)</b>	<b>Current Discount Rate (7.25%)</b>	<b>1% Increase (8.25%)</b>
Net pension liability as of June 30, 2016*	\$1,900,291,033	\$1,465,058,563	\$1,102,551,032
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 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, 2020	June 30, 2019
<b>Total Pension Liability</b>		
Service cost	\$80,591,201	\$77,755,965
Interest	306,790,705	296,875,949
Change of benefit terms	0	0
Differences between expected and actual experience	(20,732,097)	(23,494,914)
Changes of assumptions	51,813,028	0
Benefit payments, including refunds of member contributions	(230,851,234)	(221,228,566)
Net change in Total Pension Liability	\$187,611,603	\$129,908,434
Total Pension Liability – beginning	<u>3,993,424,160</u>	<u>3,863,515,726</u>
Total Pension Liability – ending	<u>\$4,181,035,763</u>	<u>\$3,993,424,160</u>
<b>Plan Fiduciary Net Position</b>		
Contributions – employer	\$93,032,453	\$89,444,881
Contributions – employee	85,735,134	82,429,594
Contributions – purchased service credit	2,175,497	1,916,787
Contributions – other	158,683	158,713
Net investment income	86,206,117	135,043,319
Benefit payments, including refunds of member contributions	(230,851,234)	(221,228,566)
Administrative expense	(2,095,405)	(2,251,083)
Other	<u>0</u>	<u>0</u>
Net change in Plan Fiduciary Net Position	\$34,361,245	\$85,513,645
Plan Fiduciary Net Position – beginning	<u>2,616,171,056</u>	<u>2,530,657,411</u>
Plan Fiduciary Net Position – ending	\$2,650,532,301	\$2,616,171,056
Net Pension Liability – ending	<u>\$1,530,503,462</u>	<u>\$1,377,253,104</u>
Plan Fiduciary Net Position as a percentage of the Total Pension Liability	63.4%	65.5%
Covered employee payroll	\$729,660,661	\$701,528,450
Plan Net Pension Liability as percentage of covered employee payroll	209.8%	196.3%

## 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%

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:

<b>Valuation date</b>	Actuarially determined contribution rates are calculated as of June 30, with appropriate interest to the middle of the fiscal year.
<b>Actuarial cost method</b>	Entry Age Actuarial Cost Method
<b>Amortization method</b>	Level percentage of pay, closed
<b>Remaining amortization period</b>	23 years as of July 1, 2020 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.
<b>Asset valuation method</b>	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).
<b>Actuarial assumptions:</b>	
<b>Investment rate of return</b>	7.25%, net of pension plan investment expense
<b>Inflation rate</b>	2.30%
<b>Projected salary increases</b>	3.80% to 14.80%, varying by service, includes inflation and productivity
<b>Mortality*</b>	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.
<b>Other assumptions</b>	Same as those used in the July 1, 2020 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, 2020		
	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (a) – (b)
<b>Balance at the beginning of the year</b>	\$3,993,424,160	\$2,616,171,056	\$1,377,253,104
<b>Changes for the year</b>			
Service cost	80,591,201		80,591,201
Interest	306,790,705		306,790,705
Differences between expected and actual experience	(20,732,097)		(20,732,097)
Contributions – employer		93,032,453	(93,032,453)
Contributions – member		85,735,134	(85,735,134)
Contributions – purchased service credit		2,175,497	(2,175,497)
Contributions – other		158,683	(158,683)
Net Investment income		86,206,117	(86,206,117)
Benefit payments, including refunds of employee contributions	(230,851,234)	(230,851,234)	--
Administrative expense	--	(2,095,405)	2,095,405
Change of assumptions	51,813,028	--	51,813,028
Change of benefit terms	--	--	--
<b>Net Change</b>	<b>187,611,603</b>	<b>34,361,245</b>	<b>153,250,358</b>
<b>Balances at end of year</b>	<b>\$4,181,035,763</b>	<b>\$2,650,532,301</b>	<b>\$1,530,503,462</b>

## Section 3: Additional Information for GASB 68

As shown in Exhibit A, during the plan year that ended June 30, 2020, the changes in net pension liability due to differences between expected and actual demographic experience is a decrease of \$20,732,097. The average expected remaining service lives of all members is 7 years, determined as of July 1, 2019 (the beginning of the measurement period ending June 30, 2020). Therefore, of the \$20,732,097 demographic gain, \$2,961,729 is recognized in pension expense in the current year and \$17,770,368 is reflected as a deferred inflow of resources related to pensions.

As shown in Exhibit A, the change in net pension liability due to various assumption changes highlighted on page 4 & 5 of the report was an increase of \$51,813,028. The average expected remaining service lives of all members is 7 years, determined as of July 1, 2019 (the beginning of the measurement period ending June 30, 2020). Therefore, of the \$51,813,028 increase in net pension liability due to assumption changes, \$7,401,862 is recognized in pension expense in the current year and \$44,411,166 is reflected as a deferred outflow of resources related to pensions.

Based on the assumed investment return of 7.75%, the expected net investment income for the year was \$200,744,268. As shown in Exhibit A, the actual net investment income for the year was \$86,206,117. The difference between actual and expected investment experience is an increase in net pension liability of \$114,538,151, which is recognized over a 5-year period. Of this amount, \$22,907,631 is reflected in the current year and \$91,630,520 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 2020	Outstanding Balance at June 30, 2020
<b>Outflows</b>					
Demographics	2014	\$9,347,346	7 years	\$1,335,336	\$0
Demographics	2015	2,209,258	7 years	315,608	315,610
Assumptions	2015	171,324,647	7 years	24,474,950	24,474,947
Investments	2016	156,759,166	5 years	31,351,834	0
Investments	2019	59,163,355	5 years	11,832,671	35,498,013
Investments	2020	114,538,151	5 years	22,907,631	91,630,520
Assumptions	2020	51,813,028	7 years	7,401,862	44,411,166
<b>Total Outflows</b>				<b>\$99,619,892</b>	<b>\$196,330,256</b>
<b>Inflows</b>					
Demographics	2016	8,092,800	7 years	1,156,114	2,312,230
Demographics	2017	10,748,944	7 years	1,535,563	4,606,692
Investments	2017	103,235,815	5 years	20,647,163	20,647,163
Investments	2018	30,002,998	5 years	6,000,600	12,001,198
Demographics	2018	27,939,071	7 years	3,991,296	15,965,183
Demographics	2019	23,494,914	7 years	3,356,416	16,782,082
Demographics	2020	20,732,097	7 years	2,961,729	17,770,368
<b>Total Inflows</b>				<b>\$39,648,881</b>	<b>\$90,084,916</b>

## 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, 2020	June 30, 2019
<b>Deferred Outflows of Resources</b>		
Difference between expected an actual experience in the Total Pension Liability	\$315,610	\$1,966,554
Changes in assumptions	68,886,113	48,949,897
Net difference between projected and actual earnings on pension plan investments	<u>94,480,172</u>	<u>19,386,394</u>
Total Deferred Outflows of Resources	\$163,681,895	\$70,302,845
<b>Deferred Inflows of Resources</b>		
Difference between expected and actual experience in the Total Pension Liability	\$57,436,555	\$49,705,576
Changes of assumptions	0	0
Net difference between projected and actual earnings on pension plan investments	<u>0</u>	<u>0</u>
Total Deferred Inflows of Resources	\$57,436,555	\$49,705,576
<b>Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:</b>		
Year Ended June 30:		
2020	N/A	\$32,623,247
2021	\$27,283,839	(63,924)
2022	23,140,445	(4,207,318)
2023	30,297,156	2,949,393
2024	20,000,052	(7,347,711)
2025	1,083,715	(3,356,418)
Thereafter	4,440,133	
<b>Net deferred outflows/(inflows) of resources</b>	<b>\$106,245,340</b>	<b>\$20,597,269</b>

## Section 3: Additional Information for GASB 68

Exhibit C below shows the individual components of collective pension expense, which totaled \$160,634,740 for the fiscal year that ended June 30, 2020.

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 \$153,250,358 and employer contributions were \$93,032,453. The net value of deferred outflows and deferred inflows of resources as of the end of the current fiscal year is \$106,245,340 compared to the net value as of the end of the prior fiscal of \$20,597,269 for a change of \$85,648,071. Therefore, the pension expense for the fiscal year that ended June 30, 2020, is \$153,250,358 + \$93,032,453 – \$85,648,071, or \$160,634,740.

### Exhibit C: Collective Pension Expenses

Components of Pension Expense	Fiscal Year Ending June 30, 2020	Fiscal Year Ending June 30, 2019
Service cost	\$80,591,201	\$77,755,965
Interest on the Total Pension Liability	306,790,705	296,875,949
Projected earnings on plan investments	(200,744,268)	(194,206,674)
Member contributions	(85,735,134)	(82,429,594)
Contributions – purchased service credit	(2,175,497)	(1,916,787)
Contributions – other	(158,683)	(158,713)
Administrative expense	2,095,405	2,251,083
Current Year recognition of:		
Changes in assumptions	31,876,812	24,474,950
Difference between expected and actual experience	(11,350,174)	(8,388,446)
Difference between projected and actual earnings on pension plan investments	39,444,373	35,168,829
Change of benefit terms	0	0
<b>Total pension expense</b>	<b>\$160,634,740</b>	<b>\$149,426,562</b>

## 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, 2020, 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, 2020, 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, 2020.

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# Section 3: Additional Information for GASB 68

## EXHIBIT D Schedule of Employer Allocations as of June 30, 2020

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Alexander School	\$ 1,516,327	0.20781258%
Anamoose School	667,786	0.09152008%
Apple Creek Elem School	313,284	0.04293564%
Ashley School	985,644	0.13508248%
Bakker Elem School	47,000	0.00644137%
Barnes County North	1,680,520	0.23031533%
Beach School	2,196,464	0.30102544%
Belcourt School	9,111,627	1.24874859%
Belfield Public School	1,578,454	0.21632708%
Beulah School	3,757,239	0.51492958%
Billings Co. School Dist.	966,608	0.13247364%
Bismarck Public Schools	76,353,593	10.46426062%
Bismarck State College	-	0.00000000%
Blessed John Paul II Catholic Sch Network	-	0.00000000%
Bottineau School	3,768,589	0.51648521%
Bowbells School	623,250	0.08541637%
Bowman School	3,239,963	0.44403698%
Burke Central School	848,351	0.11626653%
Burleigh County Spec. Ed.	116,718	0.01599626%
Carrington School	2,904,013	0.39799494%
Cavalier School	2,311,493	0.31679016%
Center Stanton School	1,629,941	0.22338337%
Central Cass School	4,358,996	0.59740047%
Central Regional Education Association	755,315	0.10351589%
Central Elementary School	-	0.00000000%
Central Valley School	1,362,991	0.18679788%
Dakota Prairie School	2,241,420	0.30718659%
Devils Lake School	11,341,461	1.55434734%
Dickinson School	22,761,047	3.11940163%
Divide School	2,808,133	0.38485460%
Drake School	486,337	0.06665250%
Drayton School	1,422,991	0.19502093%
Dunseith School	3,525,436	0.48316100%
E Central Ctr Exc Childn	676,836	0.09276040%
Earl Elem. School	26,600	0.00364554%
Edgeley School	1,341,706	0.18388086%
Edmore School	780,443	0.10695971%
Eight Mile School	1,761,637	0.24143233%
Elgin-New Leipzig School	1,159,310	0.15888350%
Ellendale School	1,767,418	0.24222468%
Emerado Elementary School	698,267	0.09569745%
Enderlin Area School District	2,054,563	0.28157782%
Fairmount School	929,538	0.12739313%
Fargo Public Schools	76,240,219	10.44872266%
Fessenden-Bowdon School	1,187,276	0.16271614%
Finley-Sharon School	1,116,786	0.15305557%
Flasher School	1,307,963	0.17925630%
Fordville Lankin School	637,285	0.08733998%
Fort Ransom Elem School	162,931	0.02232976%
Fort Totten School	1,618,359	0.22179615%
Fort Yates School	1,040,065	0.14254092%
Gackle-Streeter Pub Sch	835,704	0.11453326%
Garrison School	2,405,219	0.32963528%
Glen Ullin School	1,111,317	0.15230599%
Glenburn School	1,875,222	0.25699923%
Goodrich School	314,461	0.04309684%
Grafton School	4,358,209	0.59729252%
Grand Forks School	49,439,033	6.77561996%
Great North West Cooperative	221,324	0.03033246%
Grenora School	1,232,603	0.16892829%

## Section 3: Additional Information for GASB 68

### EXHIBIT D Schedule of Employer Allocations as of June 30, 2020

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Griggs County Central Sch	1,696,493	0.23250434%
Gst Educational Services	1,958,708	0.26844101%
Halliday School	294,264	0.04032886%
Hankinson School	1,575,245	0.21588740%
Harvey School	2,298,099	0.31495449%
Hatton Eielson Psd	1,230,334	0.16861729%
Hazelton - Moffit School	904,847	0.12400929%
Hazen School	2,841,888	0.38948072%
Hebron School	1,182,129	0.16201080%
Hettinger School	1,446,113	0.19818975%
Hillsboro School	2,657,830	0.36425568%
Hope School	820,544	0.11245558%
Horse Creek Elem. School	41,600	0.00570129%
James River Multidistrict Spec Ed Unit	1,334,064	0.18283351%
Jamestown School	13,783,091	1.88897270%
Kenmare School	1,867,353	0.25592075%
Kensal School	256,520	0.03515611%
Kidder County School District	2,093,733	0.28694606%
Killdeer School	3,732,429	0.51152939%
Kindred School	3,764,121	0.51587278%
Kulm School	1,047,025	0.14349472%
Lake Region Spec Ed	2,081,434	0.28526054%
Lakota School	1,205,653	0.16523477%
Lamoure School	1,490,331	0.20424987%
Langdon Area School	2,665,970	0.36537117%
Larimore School	2,159,099	0.29590457%
Leeds School	1,081,246	0.14818480%
Lewis And Clark School	2,499,777	0.34259449%
Lidgerwood School	1,197,058	0.16405674%
Linton School	1,600,940	0.21940891%
Lisbon School	3,549,681	0.48648383%
Litchville-Marion School	864,250	0.11844544%
Little Heart Elem. School	149,344	0.02046759%
Logan County	2,165	0.00029674%
Lone Tree Elem. School	264,906	0.03630540%
Lonetree Spec Ed Unit	228,201	0.03127501%
Maddock School	965,853	0.13237022%
Mandan Public Schools	22,091,591	3.02765273%
Mandaree School	1,786,886	0.24489268%
Manning Elem School	59,081	0.00809708%
Manvel Elem. School	995,594	0.13644616%
Maple Valley School	1,661,577	0.22771910%
Mapleton Elem. School	1,017,967	0.13951245%
Marmarth Elem. School	120,354	0.01649453%
Max School	1,127,294	0.15449563%
May-Port C-G School	2,764,970	0.37893911%
Mcclusky School	661,053	0.09059727%
Mckenzie County	47,700	0.00653734%
Mckenzie County School	10,402,682	1.42568771%
Medina School	1,091,674	0.14961398%
Menoken Elem School	218,510	0.02994680%
Midkota	1,184,023	0.16227031%
Midway School	1,232,268	0.16888228%
Milnor School	1,480,583	0.20291387%
Minnewaukan School	1,895,129	0.25972739%
Minot School	46,143,620	6.32398347%
Minto School	1,643,007	0.22517414%
Mohall Lansford Sherwood	2,055,147	0.28165787%
Montpelier School	814,613	0.11164266%
Morton County	5,963	0.00081724%



## Section 3: Additional Information for GASB 68

### EXHIBIT D Schedule of Employer Allocations as of June 30, 2020

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Mott-Regent School	1,508,673	0.20676362%
Mt Pleasant School	1,845,320	0.25290109%
Munich School	1,059,347	0.14518349%
N Central Area Career And Tech Center	-	0.00000000%
Napoleon School	1,292,220	0.17709880%
Naughton Rural School	108,263	0.01483738%
Nd Center For Distance Education	1,440,161	0.19737411%
Nd Dept Of Public Instruction	187,538	0.02570209%
Nd School For Blind	708,255	0.09706635%
Nd School For Deaf	933,476	0.12793287%
Nd United	105,593	0.01447148%
Nd Youth Correctional Cnt	1,052,040	0.14418206%
Nedrose School	3,165,545	0.43383802%
Nelson County	9,802	0.00134334%
Nesson School	2,040,758	0.27968597%
New England School	1,405,053	0.19256257%
New Rockford Sheyenne School	1,822,509	0.24977487%
New Salem-Almont	2,136,308	0.29278099%
New Town School	6,285,982	0.86149395%
Newburg United District	843,042	0.11553892%
North Border School	2,788,632	0.38218199%
North Sargent School	1,547,775	0.21212251%
North Star	1,723,536	0.23621060%
North Valley Area Career	708,466	0.09709527%
Northern Cass School Dist	3,357,999	0.46021379%
Northern Plains Spec Ed	319,314	0.04376198%
Northwood School	1,907,442	0.26141487%
Oakes School	2,272,380	0.31142968%
Oberon Elem School	295,094	0.04044265%
Oliver - Mercer Spec Ed	962,089	0.13185437%
Page School	767,931	0.10524501%
Park River Area School District	2,099,622	0.28775320%
Parshall School	1,897,432	0.26004310%
Peace Garden Spec Ed	669,068	0.09169575%
Pembina Spec Ed Coop	128,775	0.01764862%
Pingree - Buchanan School	879,726	0.12056640%
Pleasant Valley Elem	-	0.00000000%
Powers Lake School	1,340,245	0.18368058%
Richardton-Taylor	1,988,540	0.27252947%
Richland School	1,603,375	0.21974253%
Robinson School	-	0.00000000%
Rolette County	-	0.00000000%
Rolette School	1,270,285	0.17409257%
Roosevelt School	454,028	0.06222449%
Roughrider Area Career And Tech Center	198,675	0.02722839%
Roughrider Service Program	197,712	0.02709643%
Rugby School	3,782,065	0.51833205%
Rural Cass Spec Ed	1,474,163	0.20203403%
Sargent Central School	1,724,352	0.23632252%
Sawyer School	601,265	0.08240341%
Scranton School	1,189,926	0.16307936%
Se Region Career And Tech	1,671,318	0.22905409%
Selfridge School	941,960	0.12909562%
Sheyenne Valley Area Voc	969,891	0.13292362%
Sheyenne Valley Spec Ed	1,456,285	0.19958382%
Slope County	27,358	0.00374945%
Solen - Cannonball School	1,419,532	0.19454686%
Souris Valley Spec Ed	1,246,538	0.17083798%
South Cent. Prairie Sp Ed	299,443	0.04103867%
South East Education Cooperative	488,162	0.06690259%

## Section 3: Additional Information for GASB 68

### EXHIBIT D

#### Schedule of Employer Allocations as of June 30, 2020

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
South Heart School	2,182,955	0.29917403%
South Prairie Elem School	2,730,461	0.37420974%
South Valley Spec Ed	449,663	0.06162638%
Southwest Special Education Unit	73,836	0.01011922%
St. John'S School	3,172,612	0.43480650%
St. Thomas School	624,062	0.08552774%
Stanley School	3,674,635	0.50360881%
Starkweather School	588,591	0.08066633%
Sterling School	175,948	0.02411367%
Strasburg School District	888,426	0.12175873%
Surrey School	2,655,504	0.36393679%
Sweet Briar Elem School	117,470	0.01609927%
Tgu School District	2,620,423	0.35912896%
Thompson School	2,596,683	0.35587541%
Tioga School	3,390,378	0.46465135%
Turtle Lake-Mercer School	1,405,204	0.19258328%
Twin Buttes Elem. School	450,250	0.06170678%
Underwood School	1,507,179	0.20655895%
United School	3,407,994	0.46706559%
Upper Valley Spec Ed	2,641,132	0.36196710%
Valley - Edinburg School	1,539,823	0.21103270%
Valley City School	6,207,336	0.85071540%
Velva School	2,786,874	0.38194107%
Wahpeton School	6,959,753	0.95383423%
Ward County	30,600	0.00419368%
Warwick School	1,847,543	0.25320573%
Washburn School	1,930,849	0.26462286%
West Fargo School	67,244,705	9.21588744%
West River Student Services	542,506	0.07435043%
Westhope School	1,104,509	0.15137299%
White Shield School	1,824,514	0.25004970%
Williams Co School Dist #8	2,695,268	0.36938654%
Williston School	23,435,588	3.21184755%
Wilmac Special Education	4,436,166	0.60797665%
Wilton School	1,511,218	0.20711247%
Wing School	634,207	0.08691802%
Wishek School	1,183,387	0.16218324%
Wolford School	-	0.00000000%
Wyndmere School	1,482,459	0.20317101%
Yellowstone Elem. School	526,205	0.07211635%
Zeeland School	448,558	0.06147481%
<b>Grand Totals:</b>	<b>729,660,661</b>	<b>100%</b>

# Section 3: Additional Information for GASB 68

## EXHIBIT E

### Schedule of Pension Amounts by Employer as of June 30, 2020

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 Plan Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Alexander School	0.20781258%	\$ 3,180,579	\$ 1,516,327	\$ 4,236,360	\$ 3,180,579	\$ 2,303,170	\$ 183,333	\$ (183,333)	12.75%	\$ 333,819	\$ (113,177)	\$ 446,996
Anamoose School	0.09152008%	1,400,718	667,786	1,865,681	1,400,718	1,014,310	85,143	(85,143)	12.75%	147,013	(29,828)	117,185
Apple Creek Elem School	0.04293564%	657,131	313,284	875,264	657,131	475,852	39,944	(39,944)	12.75%	68,970	(26,994)	41,976
Ashley School	0.1350248%	2,067,442	985,644	2,753,722	2,067,442	1,497,108	125,671	(125,671)	12.75%	216,989	(28,596)	188,393
Bakker Elem School	0.00544137%	98,585	47,000	131,510	98,585	71,389	5,993	(5,993)	12.75%	10,347	(1,290)	11,637
Barnes County North	0.23031533%	3,524,984	1,680,520	4,695,089	3,524,984	2,552,567	214,268	(214,268)	12.75%	369,966	(100,294)	269,672
Beach School	0.30102544%	4,607,205	2,196,464	6,136,549	4,607,205	3,336,241	280,051	(280,051)	12.75%	483,551	(92,490)	391,061
Belcourt School	1.24874859%	19,112,140	9,111,627	25,456,344	19,112,140	13,839,782	1,161,741	(1,161,741)	12.75%	2,005,924	(156,492)	1,849,432
Belfield Public School	0.21632708%	3,310,893	1,578,454	4,409,832	3,310,893	2,397,536	201,254	(201,254)	12.75%	347,496	(7,849)	339,647
Beulah School	0.51492958%	7,881,015	3,757,239	10,497,088	7,881,015	5,706,924	479,052	(479,052)	12.75%	827,156	(71,245)	755,911
Billings Co. School Dist.	0.13247364%	2,027,514	966,608	2,700,539	2,027,514	1,468,195	123,243	(123,243)	12.75%	212,799	14,271	227,070
Bismarck Public Schools	10.46426062%	160,155,871	76,353,593	213,319,013	160,155,871	115,974,570	9,735,158	(9,735,158)	12.75%	16,809,238	(354,760)	16,454,478
Bismarck State College	0.00000000%	-	-	-	-	-	-	-	12.75%	-	(8,930)	(8,930)
Blessed John Paul II Catholic Sch Network	0.00000000%	-	-	-	-	-	-	-	12.75%	-	(8,788)	(8,788)
Bottineau School	0.51648521%	7,904,824	3,768,589	10,528,801	7,904,824	5,724,165	480,499	(480,499)	12.75%	829,655	(160,569)	669,086
Bowbells School	0.08541637%	1,307,300	623,250	1,741,254	1,307,300	946,663	79,465	(79,465)	12.75%	137,208	(3,963)	133,245
Bowman School	0.44403698%	6,796,001	3,239,963	9,051,909	6,796,001	4,921,227	413,098	(413,098)	12.75%	713,278	2,355	715,633
Burke Central School	0.11626653%	1,779,463	848,351	2,370,149	1,779,463	1,288,573	108,166	(108,166)	12.75%	186,764	(53,570)	133,194
Burleigh County Spec. Ed.	0.01599626%	244,823	326,091	448,823	244,823	177,285	14,882	(14,882)	12.75%	25,696	7,559	33,255
Carrington School	0.3979494%	6,091,326	2,904,013	8,113,319	6,091,326	4,410,946	370,264	(370,264)	12.75%	639,318	(108,343)	530,975
Cavalier School	0.31679016%	4,848,484	2,311,493	6,457,921	4,848,484	3,510,960	294,718	(294,718)	12.75%	508,875	(44,412)	464,463
Center Stanton School	0.22338337%	3,418,890	1,629,941	4,553,778	3,418,890	2,475,740	207,819	(207,819)	12.75%	358,831	(7,216)	351,615
Center Cass School	0.59740047%	9,143,235	4,358,996	12,178,297	9,143,235	6,620,942	555,776	(555,776)	12.75%	959,633	56,742	1,016,375
Central Regional Education Association	0.10351589%	1,584,314	755,315	2,110,221	1,584,314	1,147,258	96,303	(96,303)	12.75%	166,282	200,622	366,904
Central Elementary School	0.00000000%	-	-	-	-	-	-	-	12.75%	-	(19,183)	(19,183)
Central Valley School	0.18679788%	2,858,948	1,362,991	3,807,965	2,858,948	2,070,268	173,783	(173,783)	12.75%	300,062	(38,071)	261,991
Dakota Prairie School	0.30718659%	4,701,501	2,241,420	6,262,147	4,701,501	3,404,525	285,783	(285,783)	12.75%	493,448	45,320	538,768
Devils Lake School	0.155434734%	23,789,340	11,341,461	31,686,122	23,789,340	17,226,708	1,446,047	(1,446,047)	12.75%	2,496,822	(257,996)	2,238,826
Dickinson School	3.11340163%	47,742,550	22,761,047	63,505,511	47,742,550	34,572,081	2,902,056	(2,902,056)	12.75%	5,010,843	913,197	5,924,040
Divide School	0.38485460%	5,890,213	2,808,133	7,845,447	5,890,213	4,265,313	358,040	(358,040)	12.75%	618,210	28,570	646,780
Drake School	0.06665250%	1,020,119	486,337	1,358,743	1,020,119	738,704	62,008	(62,008)	12.75%	107,067	(42,676)	64,391
Drayton School	0.19502093%	2,984,802	1,422,991	3,975,596	2,984,802	2,161,401	181,433	(181,433)	12.75%	313,271	15,419	328,690
Dunseith School	0.48316100%	7,394,796	3,525,436	9,849,471	7,394,796	5,354,835	449,497	(449,497)	12.75%	776,124	114,288	890,412
E Central Ctr Exc Childn	0.09276040%	1,419,701	676,836	1,890,966	1,419,701	1,028,056	86,297	(86,297)	12.75%	149,005	(68,351)	80,654
Earl Elem. School	0.00364554%	55,795	26,600	74,316	55,795	40,403	3,392	(3,392)	12.75%	5,856	(2,909)	2,947
Edgeley School	0.18388086%	2,814,303	1,341,706	3,748,500	2,814,303	2,037,937	171,069	(171,069)	12.75%	295,377	(29,310)	266,067
Edmore School	0.10695971%	1,637,022	780,443	2,180,425	1,637,022	1,185,426	99,507	(99,507)	12.75%	171,814	(5,234)	166,580
Eight Mile School	0.24143233%	3,695,130	1,761,637	4,921,715	3,695,130	2,675,775	224,610	(224,610)	12.75%	387,824	80,024	447,848
Elgin-New Leipzig School	0.15888350%	2,431,717	1,159,310	3,239,917	2,431,717	1,760,893	147,813	(147,813)	12.75%	255,222	(14,149)	241,073
Ellendale School	0.24222468%	3,707,257	1,767,418	4,937,867	3,707,257	2,684,557	225,348	(225,348)	12.75%	389,097	(88,673)	300,424
Emerado Elementary School	0.09569745%	1,464,653	698,267	1,950,833	1,464,653	1,060,607	89,030	(89,030)	12.75%	153,723	8,134	161,857
Enderlin Area School District	0.28157782%	4,309,558	2,054,563	5,740,100	4,309,558	3,120,705	261,959	(261,959)	12.75%	452,312	(52,399)	399,913
Fairmount School	0.12739313%	1,949,756	929,538	2,596,971	1,949,756	1,411,888	118,517	(118,517)	12.75%	204,638	(63,240)	141,398
Fargo Public Schools	10.44872266%	159,918,062	76,240,219	213,002,264	159,918,062	115,802,364	9,720,703	(9,720,703)	12.75%	16,784,278	(742,463)	16,041,815
Fessenden-Bowdon School	0.16271614%	2,490,376	1,187,276	3,317,047	2,490,376	1,803,370	151,379	(151,379)	12.75%	261,379	16,318	277,697
Finley-Sharon School	0.15305557%	2,342,521	1,116,786	3,120,112	2,342,521	1,696,303	142,391	(142,391)	12.75%	245,860	(57,659)	188,201
Flasher School	0.17925630%	2,743,524	1,307,963	3,654,226	2,743,524	1,986,683	166,767	(166,767)	12.75%	287,948	(784)	287,164
Fordville Larkin School	0.08733998%	1,396,741	637,295	1,780,468	1,396,741	967,982	81,255	(81,255)	12.75%	140,298	(10,785)	129,513
Fort Ransom Elem School	0.02232976%	341,758	162,931	455,203	341,758	247,479	20,774	(20,774)	12.75%	35,869	(6,833)	29,036
Fort Totten School	0.22179615%	3,394,598	1,618,359	4,521,222	3,394,598	2,458,148	206,342	(206,342)	12.75%	356,282	(69,888)	286,394
Fort Yates School	0.14254092%	2,181,594	1,040,065	2,905,766	2,181,594	1,579,770	132,609	(132,609)	12.75%	228,970	(63,495)	165,475
Gackle-Streeter Pub Sch	0.11453326%	1,752,936	835,704	2,334,816	1,752,936	1,269,363	106,553	(106,553)	12.75%	183,980	(15,284)	168,696
Garrison School	0.32963528%	5,045,079	2,405,219	6,719,775	5,045,079	3,653,322	306,668	(306,668)	12.75%	529,509	(40,137)	489,372
Glen Ullin School	0.15230599%	2,331,048	1,111,317	3,104,831	2,331,048	1,687,995	141,694	(141,694)	12.75%	244,656	(34,422)	210,214
Glenburn School	0.25699923%	3,933,382	1,875,222	5,239,054	3,933,382	2,848,302	239,093	(239,093)	12.75%	412,830	(4,656)	408,174
Goodrich School	0.04309684%	659,599	314,461	878,550	659,599	477,639	40,094	(40,094)	12.75%	69,228	(7,303)	61,925
Grafton School	0.59729252%	9,141,583	4,358,209	12,176,097	9,141,583	6,619,746	555,676	(555,676)	12.75%	959,459	(167,296)	792,163
Grand Forks School	6.77561996%	103,701,098	49,439,033	138,124,289	103,701,098	75,093,658	6,303,525	(6,303,525)	12.75%	10,884,000	(752,847)	10,131,153
Great North West Cooperative	0.03033246%	464,239	221,324	618,342	464,239	336,172	28,219	(28,219)	12.75%	48,724	15,675	64,399
Grenora School	0.16892829%	2,585,453	1,232,603	3,443,685	2,585,453	1,872,219	157,158	(157,158)	12.75%	271,358	224	271,582

# Section 3: Additional Information for GASB 68

## EXHIBIT E

### Schedule of Pension Amounts by Employer as of June 30, 2020

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 Plan Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Total Employer Pension Expense	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Griggs County Central Sch	0.23250434%	3,558,487	1,696,493	4,739,713	3,558,487	2,576,827	216,304	(216,304)	-	12.75%	373,483	(100,492)	272,991
Gst Educational Services	0.26844101%	4,108,499	1,958,708	5,472,300	4,108,499	2,975,110	249,737	(249,737)	-	12.75%	431,210	37,078	468,288
Halliday School	0.04032886%	617,235	294,264	822,123	617,235	446,962	37,519	(37,519)	-	12.75%	64,782	(55,176)	9,606
Hankinson School	0.21588740%	3,304,164	1,575,245	4,400,969	3,304,164	2,392,663	200,845	(200,845)	-	12.75%	346,790	(87,861)	258,929
Harvey School	0.31495449%	4,820,389	2,298,099	6,420,500	4,820,389	3,490,616	293,010	(293,010)	-	12.75%	505,926	(81,876)	424,050
Hatton Eielson Psd	0.16861729%	2,580,693	1,230,334	3,437,345	2,580,693	1,868,772	156,869	(156,869)	-	12.75%	270,858	(22,874)	247,984
Hazelton - Moffit School	0.12400929%	1,897,966	904,847	2,527,989	1,897,966	1,374,385	115,369	(115,369)	-	12.75%	199,202	(13,608)	185,594
Hazen School	0.38948072%	5,961,016	2,841,888	7,939,753	5,961,016	4,316,584	362,343	(362,343)	-	12.75%	625,641	(101,554)	524,087
Hebron School	0.16201080%	2,479,581	1,182,129	3,302,668	2,479,581	1,795,553	150,723	(150,723)	-	12.75%	260,246	(46,136)	214,110
Hettinger School	0.19818975%	3,033,301	1,446,113	4,040,194	3,033,301	2,196,521	184,381	(184,381)	-	12.75%	318,362	(112,982)	205,380
Hillsboro School	0.36425589%	5,574,946	2,657,830	7,425,528	5,574,946	4,037,017	338,876	(338,876)	-	12.75%	585,121	(6,730)	578,391
Hope School	0.11245558%	1,721,137	820,544	2,292,461	1,721,137	1,246,336	104,620	(104,620)	-	12.75%	180,643	21,022	201,665
Horse Creek Elem. School	0.00570123%	87,258	41,600	116,224	87,258	63,167	5,304	(5,304)	-	12.75%	9,158	(546)	8,612
James River Multidistrict Spec Ed Unit	0.18283351%	2,798,273	1,334,064	3,727,150	2,798,273	2,026,329	170,094	(170,094)	-	12.75%	293,694	(26,775)	266,919
Jamestown School	1.88897270%	28,910,793	13,783,091	38,507,622	28,910,793	20,935,335	1,757,358	(1,757,358)	-	12.75%	3,034,346	(491,025)	2,543,321
Kenmare School	0.25592075%	3,916,876	1,867,353	5,217,068	3,916,876	2,836,349	238,089	(238,089)	-	12.75%	411,098	(64,449)	346,649
Kensal School	0.03515611%	538,065	256,520	716,674	538,065	389,632	32,707	(32,707)	-	12.75%	56,473	(53,012)	3,461
Kidder County School District	0.28694606%	4,391,719	2,093,733	5,849,534	4,391,719	3,180,200	266,953	(266,953)	-	12.75%	460,935	(143,099)	317,836
Killdeer School	0.51152939%	7,828,975	3,732,429	10,427,774	7,828,975	5,669,240	475,888	(475,888)	-	12.75%	821,694	210,408	1,032,102
Kindred School	0.51587278%	7,895,451	3,764,121	10,516,316	7,895,451	5,717,377	479,929	(479,929)	-	12.75%	828,671	25,192	853,863
Kulm School	0.14349472%	2,196,192	1,047,025	2,925,209	2,196,192	1,590,347	133,497	(133,497)	-	12.75%	230,502	(57,885)	172,617
Lake Region Spec Ed	0.28526054%	4,385,922	2,081,494	5,815,174	4,385,922	3,161,520	265,385	(265,385)	-	12.75%	458,228	(45,228)	403,000
Lakota School	0.16523477%	2,528,924	1,205,653	3,368,381	2,528,924	1,831,284	153,722	(153,722)	-	12.75%	265,424	(54,265)	211,159
Lanouree School	0.20424987%	3,126,051	1,490,331	4,163,732	3,126,051	2,263,685	190,019	(190,019)	-	12.75%	328,096	(67,702)	260,394
Langdon Area School	0.38537117%	5,592,018	2,665,970	7,448,288	5,592,018	4,049,380	339,914	(339,914)	-	12.75%	596,913	57,563	644,476
Larimore School	0.29590457%	4,528,830	2,159,099	6,032,158	4,528,830	3,279,487	275,287	(275,287)	-	12.75%	475,326	(106,396)	368,930
Leeds School	0.14818480%	2,267,973	1,081,246	3,020,819	2,267,973	1,642,320	137,860	(137,860)	-	12.75%	238,036	(42,983)	195,053
Lewis And Clark School	0.34259449%	5,243,421	2,499,777	6,983,954	5,243,421	3,796,948	318,724	(318,724)	-	12.75%	550,326	(118,328)	431,998
Lidgerwood School	0.16405674%	2,510,894	1,197,058	3,344,376	2,510,894	1,818,228	152,626	(152,626)	-	12.75%	263,532	(40,245)	223,287
Linton School	0.21940891%	3,358,061	1,600,940	4,472,757	3,358,061	2,431,692	204,121	(204,121)	-	12.75%	352,447	(95,019)	257,428
Lisbon School	0.48648383%	7,445,652	3,549,681	9,917,208	7,445,652	5,391,662	452,588	(452,588)	-	12.75%	781,462	(122,541)	658,921
Litchville-Marion School	0.11844544%	1,812,812	864,250	2,414,589	1,812,812	1,312,721	110,130	(110,130)	-	12.75%	190,265	(36,240)	154,025
Little Heart Elem. School	0.02046759%	313,257	149,344	417,242	313,257	226,841	19,042	(19,042)	-	12.75%	32,878	7,753	40,636
Logan County	0.00029674%	4,542	2,165	6,049	4,542	3,289	276	(276)	-	12.75%	477	(736)	(259)
Lone Tree Elem. School	0.03630540%	555,655	264,906	740,103	555,655	402,370	33,776	(33,776)	-	12.75%	58,319	4,668	62,987
Lonetree Spec Ed Unit	0.03127501%	478,665	228,201	637,556	478,665	346,618	29,096	(29,096)	-	12.75%	50,239	(14,048)	36,191
Maddock School	0.13237022%	2,025,931	965,853	2,696,431	2,025,931	1,467,049	123,147	(123,147)	-	12.75%	212,633	(45,267)	167,366
Mandan Public Schools	3.02765273%	46,338,330	22,091,591	61,720,165	46,338,330	33,555,235	2,816,700	(2,816,700)	-	12.75%	4,863,462	355,504	5,218,966
Mandaree School	0.24489268%	3,748,091	1,786,886	4,992,256	3,748,091	2,714,126	227,830	(227,830)	-	12.75%	393,383	(49,140)	344,243
Manning Elem School	0.00809708%	123,926	59,081	165,063	123,926	89,739	7,533	(7,533)	-	12.75%	13,007	(7,597)	5,410
Marvel Elem. School	0.13644616%	2,088,313	995,594	2,781,521	2,088,313	1,512,222	126,939	(126,939)	-	12.75%	219,180	(8,501)	237,681
Maple Valley School	0.22771910%	3,485,249	1,661,577	4,642,164	3,485,249	2,523,793	211,853	(211,853)	-	12.75%	365,796	(65,984)	299,812
Mapleton Elem. School	0.13951245%	2,135,243	1,017,967	2,844,029	2,135,243	1,546,205	129,792	(129,792)	-	12.75%	224,105	(60,801)	163,304
Marathon Elem. School	0.01649453%	252,449	120,354	336,249	252,449	182,808	15,345	(15,345)	-	12.75%	26,498	(17,545)	8,953
Max School	0.15449533%	2,364,561	1,127,294	3,149,468	2,364,561	1,712,265	143,731	(143,731)	-	12.75%	248,174	(55,756)	192,418
May-Port C-G School	0.37893911%	5,799,676	2,764,970	7,724,857	5,799,676	4,199,752	352,536	(352,536)	-	12.75%	608,708	(71,761)	536,947
Mcclusky School	0.09059727%	1,386,594	661,053	1,846,869	1,386,594	1,004,082	84,285	(84,285)	-	12.75%	145,531	(61,220)	84,311
Mckenzie County	0.00653734%	100,054	47,700	133,267	100,054	72,453	6,082	(6,082)	-	12.75%	10,501	(3,987)	6,514
Mckenzie County School	1.42568771%	21,820,200	10,402,682	29,063,333	21,820,200	15,800,784	1,326,352	(1,326,352)	-	12.75%	2,290,150	1,179,621	3,469,771
Medina School	0.14961398%	2,289,847	1,091,674	3,049,953	2,289,847	1,658,160	139,190	(139,190)	-	12.75%	240,332	(15,262)	225,070
Menoken Elem School	0.02994680%	458,337	218,510	610,480	458,337	331,898	27,860	(27,860)	-	12.75%	48,105	(17,312)	30,793
Milkota	0.16227031%	2,483,653	1,184,023	3,307,959	2,483,653	1,798,429	150,964	(150,964)	-	12.75%	260,662	(14,004)	246,658
Midway School	0.16888228%	2,584,749	1,232,268	3,442,747	2,584,749	1,871,709	157,115	(157,115)	-	12.75%	271,284	(110,713)	160,571
Milnor School	0.20291387%	3,105,604	1,480,583	4,136,497	3,105,604	2,248,878	188,776	(188,776)	-	12.75%	325,950	(65,879)	260,071
Minnewaukan School	0.25972739%	3,975,137	1,895,129	5,294,668	3,975,137	2,878,538	241,631	(241,631)	-	12.75%	417,212	(27,813)	389,399
Mingot School	6.32398347%	96,788,786	46,143,620	128,917,461	96,788,786	70,088,207	5,883,357	(5,883,357)	-	12.75%	10,158,514	(1,042,715)	9,115,799
Minto School	0.22517414%	3,446,298	1,643,007	4,590,284	3,446,298	2,495,587	208,485	(208,485)	-	12.75%	361,708	(78,950)	282,758
Mohall Lansford Sherwood	0.28165787%	4,310,783	2,055,147	5,741,732	4,310,783	3,121,592	262,033	(262,033)	-	12.75%	452,440	(176,249)	276,191
Montpelier School	0.11164266%	1,708,695	814,613	2,275,890	1,708,695	1,237,327	103,864	(103,864)	-	12.75%	179,337	(4,298)	175,039
Morton County	0.00081724%	12,508	5,963	16,660	12,508	9,057	760	(760)	-	12.75%	1,313	(6,658)	(5,345)

# Section 3: Additional Information for GASB 68

## EXHIBIT E

### Schedule of Pension Amounts by Employer as of June 30, 2020

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 Proportionate Share of Contributions	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 (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		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Mott-Regent School	0.20676362%	3,164,524	1,508,673	4,214,976	3,164,524	2,291,545	192,357	(192,357)	-	12.75%	332,134	(70,793)	261,341
Mt Pleasant School	0.25290109%	3,870,660	1,845,320	5,155,511	3,870,660	2,802,883	235,280	(235,280)	-	12.75%	406,247	9,776	416,023
Munch School	0.14518349%	2,222,038	1,059,347	2,959,636	2,222,038	1,609,057	135,068	(135,068)	-	12.75%	233,215	25,487	258,702
N Central Area Career And Tech Center	0.00000000%	-	-	-	-	-	-	-	-	-	-	-	-
Naadon School	0.17709890%	2,710,503	1,292,220	3,610,245	2,710,503	1,962,772	164,759	(164,759)	-	12.75%	284,482	(42,724)	167,645
Naughton Rural School	0.01483738%	227,087	108,263	302,467	227,087	164,442	13,804	(13,804)	-	12.75%	23,834	6,328	30,162
Nd Center For Distance Education	0.19737411%	3,020,818	1,440,161	4,023,567	3,020,818	2,187,482	183,622	(183,622)	-	12.75%	317,051	74,137	391,188
Nd Dept Of Public Instruction	0.02570209%	393,371	187,538	523,950	393,371	284,854	23,211	(23,211)	-	12.75%	41,286	9,444	50,730
Nd School For Blind	0.05706635%	1,485,604	708,255	1,978,744	1,485,604	1,075,779	90,303	(90,303)	-	12.75%	155,922	(24,304)	131,618
Nd School For Deaf	0.12793287%	1,958,017	933,476	2,607,973	1,958,017	1,417,870	119,019	(119,019)	-	12.75%	205,505	(22,602)	182,903
Nd United	0.01447148%	221,487	105,593	295,008	221,487	160,386	13,463	(13,463)	-	12.75%	23,246	(67,011)	(43,765)
Nd Youth Correctional Cnt	0.14418206%	2,206,711	1,052,040	2,939,221	2,206,711	1,597,958	134,136	(134,136)	-	12.75%	231,606	(93,637)	137,969
Nedrose School	0.43383802%	6,639,906	3,165,545	8,843,998	6,639,906	4,808,192	403,610	(403,610)	-	12.75%	696,895	357,685	1,054,580
Nelson County	0.00134334%	20,560	9,802	27,365	20,560	14,988	1,250	(1,250)	-	12.75%	2,158	(963)	1,195
Nesson School	0.27969597%	4,280,603	2,040,758	5,701,534	4,280,603	3,099,737	260,199	(260,199)	-	12.75%	449,273	86,951	536,224
New England School	0.19256257%	2,947,177	1,405,053	3,925,481	2,947,177	2,134,156	179,146	(179,146)	-	12.75%	309,322	3,195	312,517
New Rockford Sheyenne School	0.24977457%	3,822,913	1,822,509	5,091,782	3,822,913	2,768,235	232,372	(232,372)	-	12.75%	401,225	(52,398)	348,827
New Salem-Almont	0.29278099%	4,481,023	2,136,308	5,968,482	4,481,023	3,244,868	272,381	(272,381)	-	12.75%	470,308	46,478	516,786
New Town School	0.86149395%	13,185,195	6,285,982	17,561,971	13,185,195	9,547,869	801,469	(801,469)	-	12.75%	1,383,859	389,802	1,773,661
Newburg United District	0.11553892%	1,768,327	843,042	2,355,317	1,768,327	1,280,509	107,489	(107,489)	-	12.75%	185,996	27,432	213,028
North Border School	0.38218199%	5,849,309	2,788,632	7,790,965	5,849,309	4,235,693	355,553	(355,553)	-	12.75%	613,917	(132,883)	481,034
North Sargent School	0.21212251%	3,246,542	1,547,775	4,324,220	3,246,542	2,350,937	197,343	(197,343)	-	12.75%	340,742	7,213	347,955
North Star	0.23621060%	3,615,211	1,723,536	4,815,267	3,615,211	2,617,903	219,753	(219,753)	-	12.75%	379,436	(20,180)	359,256
North Valley Area Career	0.09709527%	1,486,046	708,466	1,979,334	1,486,046	1,076,099	90,330	(90,330)	-	12.75%	155,969	(2,977)	152,992
Northern Cass School Dist	0.46021379%	7,043,588	3,357,999	9,381,681	7,043,588	5,100,513	428,148	(428,148)	-	12.75%	739,263	83,734	822,997
Northern Plains Spec Ed	0.04376198%	659,779	319,314	852,109	659,779	485,011	40,713	(40,713)	-	12.75%	70,297	18,621	88,918
Northwood School	0.26141487%	4,000,964	1,907,442	5,329,069	4,000,964	2,897,240	243,201	(243,201)	-	12.75%	419,923	68,972	488,895
Oakes School	0.31142968%	4,766,442	2,272,380	6,348,645	4,766,442	3,451,550	289,731	(289,731)	-	12.75%	500,264	(23,612)	476,652
Oberon Elm School	0.04042655%	618,976	295,094	824,443	618,976	448,223	37,625	(37,625)	-	12.75%	64,965	(62,130)	2,835
Oliver - Mercer Spec Ed	0.13185437%	2,018,036	962,089	2,687,915	2,018,036	1,461,332	122,667	(122,667)	-	12.75%	211,804	(27,617)	184,187
Page School	0.10524501%	1,610,779	767,931	2,145,470	1,610,779	1,166,422	97,912	(97,912)	-	12.75%	169,060	(15,608)	153,452
Park River Area School District	0.28775320%	4,404,073	2,099,622	5,865,988	4,404,073	3,189,146	267,704	(267,704)	-	12.75%	462,232	(99,153)	363,079
Parshall School	0.26004310%	3,979,969	1,897,432	5,301,104	3,979,969	2,882,037	241,924	(241,924)	-	12.75%	417,720	(40,126)	377,594
Peace Garden Spec Ed	0.09169575%	1,403,407	669,068	1,869,262	1,403,407	1,016,257	85,307	(85,307)	-	12.75%	147,295	29,677	176,972
Pembina Spec Ed Coop	0.01764862%	270,113	128,775	359,776	270,113	195,598	16,419	(16,419)	-	12.75%	28,350	(18,422)	9,928
Pineau - Buchanan School	0.12055640%	1,845,273	879,726	2,457,804	1,845,273	1,339,228	112,166	(112,166)	-	12.75%	193,672	(17,076)	176,596
Pleasant Valley Elem	0.00000000%	-	-	-	-	-	-	-	-	-	-	-	-
Powers Lake School	0.18368058%	2,811,238	1,340,245	3,744,417	2,811,238	2,035,717	170,883	(170,883)	-	12.75%	295,055	39,719	334,774
Richardton-Taylor	0.27252947%	4,171,073	1,988,540	5,555,645	4,171,073	3,020,422	253,541	(253,541)	-	12.75%	437,777	12,984	450,761
Richland School	0.21974253%	3,363,167	1,603,375	4,479,558	3,363,167	2,435,389	204,432	(204,432)	-	12.75%	352,983	(67,675)	285,308
Robinson School	0.00000000%	-	-	-	-	-	-	-	-	-	-	-	-
Rolette County	0.00000000%	-	-	-	-	-	-	-	-	-	-	-	-
Rolette School	0.17409257%	2,664,493	1,270,285	3,548,961	2,664,493	1,929,454	161,963	(161,963)	-	12.75%	279,653	(8,156)	271,497
Rosevelt School	0.06222449%	952,348	454,028	1,268,476	952,348	689,629	57,889	(57,889)	-	12.75%	99,954	(5,389)	94,565
Roughrider Area Career And Tech Center	0.02722839%	416,731	198,675	555,064	416,731	301,770	25,331	(25,331)	-	12.75%	43,738	1,775	45,513
Roughrider Service Program	0.02709643%	414,712	197,712	552,374	414,712	300,308	25,208	(25,208)	-	12.75%	43,526	1,745	45,271
Rugby School	0.51833205%	7,933,090	3,782,065	10,566,449	7,933,090	5,744,533	462,217	(462,217)	-	12.75%	832,621	35,733	868,354
Rural Cass Spec Ed	0.20203403%	3,092,138	1,474,169	4,118,561	3,092,138	2,239,127	187,957	(187,957)	-	12.75%	324,537	57,826	382,363
Sargent Central School	0.23622252%	3,616,924	1,724,352	4,817,549	3,616,924	2,619,144	219,857	(219,857)	-	12.75%	379,616	15,835	395,451
Sawyer School	0.08240341%	1,261,187	601,265	1,679,833	1,261,187	913,270	76,662	(76,662)	-	12.75%	132,369	(96,678)	35,691
Scranton School	0.16307936%	2,495,935	1,189,926	3,324,452	2,495,935	1,807,396	151,717	(151,717)	-	12.75%	261,962	(17,454)	244,508
Se Region Career And Tech	0.22905409%	3,505,681	1,671,318	4,669,378	3,505,681	2,538,588	213,095	(213,095)	-	12.75%	367,940	22,062	390,002
Selfridge School	0.12909562%	1,975,813	941,960	2,631,677	1,975,813	1,430,757	120,101	(120,101)	-	12.75%	207,372	(12,304)	195,068
Sheyenne Valley Area Voc	0.13292362%	2,034,401	969,891	2,709,712	2,034,401	1,473,182	123,662	(123,662)	-	12.75%	213,522	31,811	245,333
Sheyenne Valley Spec Ed	0.19958382%	3,054,637	1,456,285	4,068,613	3,054,637	2,211,972	185,678	(185,678)	-	12.75%	320,601	(97,965)	222,636
Slope County	0.00374945%	57,385	27,358	76,434	57,385	41,555	3,488	(3,488)	-	12.75%	6,023	(310)	5,713
Solen - Cannonball School	0.19454686%	2,977,546	1,419,532	3,965,532	2,977,546	2,156,747	180,992	(180,992)	-	12.75%	312,510	(159,514)	152,996
Souls Valley Spec Ed	0.17083738%	2,614,681	1,246,538	3,482,615	2,614,681	1,893,384	158,835	(158,835)	-	12.75%	274,425	(139,774)	134,651
South Cent. Prairie Sp Ed	0.04103867%	628,098	299,443	836,593	628,098	454,828	38,179	(38,179)	-	12.75%	65,922	49,641	115,563
South East Education Cooperative	0.06690259%	1,023,946	488,162	1,363,842	1,023,946	741,476	62,241	(62,241)	-	12.75%	107,469	112,525	219,994

# Section 3: Additional Information for GASB 68

## EXHIBIT E

### Schedule of Pension Amounts by Employer as of June 30, 2020

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 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
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
South Heart School	0.29917403%	4,578,869	2,182,955	6,098,807	4,578,869	3,315,722	278,329	(278,329)	-	12.75%	480,577	155,994	636,571
South Prairie School District	0.37420974%	5,727,293	2,730,461	7,628,446	5,727,293	4,147,337	348,137	(348,137)	-	12.75%	601,111	289,522	890,633
South Valley Spec Ed	0.06162638%	943,194	449,663	1,256,284	943,194	683,000	57,333	(57,333)	-	12.75%	98,993	(79,341)	19,652
Southwest Special Education Unit	0.01011922%	154,875	73,836	206,285	154,875	112,151	9,414	(9,414)	-	12.75%	16,255	(382)	15,873
St. John's School	0.43480650%	6,654,729	3,172,612	8,863,741	6,654,729	4,818,926	404,511	(404,511)	-	12.75%	698,450	84,596	783,046
St. Thomas School	0.08552774%	1,309,005	624,062	1,743,524	1,309,005	947,897	79,569	(79,569)	-	12.75%	137,387	(42,084)	95,303
Stanley School	0.50360881%	7,707,750	3,674,635	10,266,309	7,707,750	5,581,456	468,520	(468,520)	-	12.75%	808,971	24,826	833,797
Starkweather School	0.08066633%	1,234,601	588,591	1,644,422	1,234,601	894,019	75,046	(75,046)	-	12.75%	129,578	(24,760)	104,818
Sterling School	0.02411367%	369,061	175,948	491,569	369,061	267,250	22,434	(22,434)	-	12.75%	38,735	(23,322)	15,413
Strasburg School District	0.12175873%	1,863,522	888,426	2,482,111	1,863,522	1,349,442	113,275	(113,275)	-	12.75%	195,587	(33,674)	161,913
Surrey School	0.36393679%	5,970,065	2,655,504	7,419,027	5,970,065	4,033,483	338,579	(338,579)	-	12.75%	584,609	(6,588)	578,021
Sweet Bitar Elem. School	0.01609927%	246,400	117,470	328,191	246,400	178,427	14,878	(14,878)	-	12.75%	25,861	6,366	32,227
Tgu School District	0.35912896%	5,496,481	2,620,423	7,321,018	5,496,481	3,980,198	334,106	(334,106)	-	12.75%	576,886	(126,692)	450,194
Thompson School	0.35587541%	5,446,685	2,596,683	7,254,692	5,446,685	3,944,139	331,080	(331,080)	-	12.75%	571,660	62,462	634,122
Tioga School	0.46465135%	7,111,505	3,390,378	9,472,142	7,111,505	5,149,694	432,277	(432,277)	-	12.75%	746,391	99,290	845,681
Turtle Lake-Mercer School	0.19258328%	2,947,494	1,405,204	3,925,903	2,947,494	2,134,385	179,165	(179,165)	-	12.75%	309,356	(23,560)	285,796
Twin Buttes Elem. School	0.06170678%	944,424	450,250	1,257,923	944,424	683,891	57,407	(57,407)	-	12.75%	99,123	(24,289)	74,834
Underwood School	0.20655895%	3,161,392	1,507,179	4,210,804	3,161,392	2,289,276	192,167	(192,167)	-	12.75%	331,805	(69,645)	262,160
United School	0.46706559%	7,148,455	3,407,994	9,521,358	7,148,455	5,176,451	434,523	(434,523)	-	12.75%	750,270	(20,668)	729,602
Upper Valley Spec Ed	0.38196710%	5,539,919	2,641,132	7,378,874	5,539,919	4,011,653	336,747	(336,747)	-	12.75%	581,445	(7,314)	574,131
Valley - Edinburg School	0.21103270%	3,229,863	1,539,823	4,302,004	3,229,863	2,338,859	196,329	(196,329)	-	12.75%	338,992	(59,953)	279,039
Valley City School	0.85971540%	13,020,229	6,207,336	17,342,245	13,020,229	9,428,411	791,441	(791,441)	-	12.75%	1,366,544	(268,894)	1,097,650
Velva School	0.38194107%	5,845,621	2,786,874	7,786,053	5,845,621	4,233,023	355,329	(355,329)	-	12.75%	613,530	(29,600)	583,930
Wahpeton School	0.95383423%	14,598,466	6,959,753	19,444,372	14,598,466	10,571,269	887,375	(887,375)	-	12.75%	1,532,189	(211,672)	1,320,517
Ward County	0.00419368%	64,184	30,600	85,490	64,184	46,478	3,901	(3,901)	-	12.75%	6,737	(519)	6,218
Warwick School	0.25320573%	3,875,322	1,847,543	5,161,721	3,875,322	2,806,259	235,564	(235,564)	-	12.75%	406,736	(12,229)	394,507
Washburn School	0.26462286%	4,050,662	1,930,849	5,394,465	4,050,662	2,932,794	246,185	(246,185)	-	12.75%	425,076	33,112	458,188
West Fargo School	9.21588744%	141,049,476	67,244,705	187,870,322	141,049,476	102,138,949	8,573,766	(8,573,766)	-	12.75%	14,803,917	2,987,739	17,791,656
West River Student Services	0.07435043%	1,137,936	542,506	1,515,669	1,137,936	824,020	69,170	(69,170)	-	12.75%	119,433	(49,219)	70,214
Westhope School	0.15137299%	2,316,769	1,104,509	3,085,812	2,316,769	1,677,655	140,826	(140,826)	-	12.75%	243,158	(19,325)	223,833
White Shield School	0.25004970%	3,827,019	1,824,514	5,097,384	3,827,019	2,771,281	232,627	(232,627)	-	12.75%	401,667	31,237	432,904
Williams Co. School Dist #8	0.36938654%	5,653,474	2,695,298	7,530,123	5,653,474	4,093,892	343,649	(343,649)	-	12.75%	593,363	55,527	648,890
Williston School	3.21184755%	48,157,438	23,435,598	65,475,065	48,157,438	35,596,652	2,988,061	(2,988,061)	-	12.75%	5,159,343	1,453,633	6,612,976
Wilmac Special Education	0.60797665%	9,305,104	4,436,166	12,393,898	9,305,104	6,738,157	565,616	(565,616)	-	12.75%	976,622	315,802	1,292,424
Wilton School	0.20711247%	3,169,864	1,511,218	4,222,088	3,169,864	2,295,411	192,682	(192,682)	-	12.75%	332,695	20,970	353,665
Wing School	0.08691802%	1,330,283	634,207	1,771,866	1,330,283	963,306	80,862	(80,862)	-	12.75%	139,621	(40,551)	99,070
Wishek School	0.16218324%	2,482,220	1,183,387	3,306,184	2,482,220	1,797,464	150,883	(150,883)	-	12.75%	260,523	(50,425)	210,098
Wolford School	0.00000000%	-	-	-	-	-	-	-	-	12.75%	-	(153,235)	(153,235)
Wyndmere School	0.20317101%	3,109,539	1,482,459	4,141,739	3,109,539	2,251,728	189,015	(189,015)	-	12.75%	326,363	(54,755)	271,608
Yellowstone Elem. School	0.07211635%	1,103,743	526,205	1,470,127	1,103,743	799,260	67,092	(67,092)	-	12.75%	115,844	(13,184)	102,660
Zeeland School	0.06147481%	940,874	448,558	1,253,194	940,874	681,320	57,192	(57,192)	-	12.75%	98,750	(26,393)	73,357
<b>Grand Totals:</b>	<b>100%</b>	<b>1,530,503,462</b>	<b>729,660,661</b>	<b>2,038,548,355</b>	<b>1,530,503,462</b>	<b>1,108,292,065</b>	<b>93,032,453</b>	<b>(93,032,453)</b>	<b>-</b>	<b>12.75%</b>	<b>160,634,740</b>	<b>(26,393)</b>	<b>160,634,740</b>

# Section 3: Additional Information for GASB 68

**EXHIBIT E (continued)**  
**Schedule of Pension Amounts by Employer as of**  
**June 30, 2020**

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	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 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	2021	2022	2023	2024	2025
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
Alexander School	\$ 656	\$ 196,342	\$ 143,154	\$ 391,552	\$ 731,704	\$ 119,360	\$ -	\$ 14,433	\$ 133,793	\$ 169,873	\$ 144,830	\$ 113,601	\$ 97,009	\$ 53,170	\$ 19,427
Anamosa School	289	86,468	63,045	175,884	52,566	-	-	230,825	283,391	(4,861)	(20,562)	(22,497)	(40,602)	(15,950)	(9,580)
Apple Creek Elem School	136	40,566	29,577	9,090	79,369	24,661	-	88,704	113,365	(15,281)	(6,899)	(5,359)	(6,960)	(2,415)	2,913
Ashley School	426	127,626	60,053	2,805	223,910	77,587	-	107,912	185,399	8,261	(141)	20,451	16,532	(6,682)	32
Bakker Elem School	20	6,086	4,437	8,938	19,461	3,700	-	1,270	4,970	3,048	3,058	2,793	946	748	-
Barnes County North	727	217,602	158,655	54,771	431,755	132,285	-	250,612	382,897	(37,452)	(11,850)	45,259	28,762	4,787	19,352
Beach School	950	284,409	207,365	12,499	505,223	172,899	-	254,827	427,726	(10,360)	40,947	43,555	(5,709)	1,893	-
Belcourt School	3,941	1,179,820	860,214	210,486	2,354,461	717,238	-	614,287	1,331,525	184,216	190,236	326,043	252,645	(15,867)	85,663
Belfield Public School	148,019	127,547	148,019	127,547	481,635	124,251	-	235,774	360,025	51,175	39,777	43,046	32,804	(21,636)	(23,636)
Beulah School	1,625	486,506	354,715	254,634	1,097,480	295,758	-	407,414	703,172	69,249	59,154	135,794	114,394	(22,949)	38,677
Billings Co. School Dist.	418	125,161	91,256	230,325	347,160	76,088	-	79,852	155,940	50,416	83,324	69,578	44,309	15,430	28,164
Bismarck Public Schools	33,026	9,886,651	7,208,422	950,071	18,778,120	6,010,311	-	3,573,968	9,584,279	2,500,293	1,832,283	2,797,245	1,481,181	(345,578)	228,468
Bismarck State College	-	-	-	-	-	-	-	8,928	8,928	(8,928)	-	-	-	-	-
Blessed John Paul II Catholic Sch Network	-	-	-	-	-	-	-	17,152	17,152	(8,785)	(8,367)	-	-	-	-
Botineau School	1,630	487,976	355,787	127,989	973,382	296,651	-	736,195	1,032,846	(19,652)	(28,901)	42,108	58,101	(71,597)	(38,524)
Bowbells School	270	80,702	58,840	41,737	181,549	49,060	-	70,928	119,988	19,344	19,887	25,435	3,105	(6,306)	96
Bowman School	1,401	419,527	305,880	310,327	1,037,135	255,040	-	132,565	387,605	123,503	109,714	173,014	133,936	42,734	66,632
Burke Central School	367	109,849	80,091	190,513	380,820	66,779	-	486,386	553,165	(21,849)	10,805	(23,665)	(21,320)	(69,548)	(46,771)
Burlingame County Spec. Ed.	50	15,113	11,019	30,882	57,064	9,186	-	11,953	21,151	11,224	6,975	9,762	6,457	1,530	(735)
Carrington School	1,256	376,026	274,163	45,508	696,953	229,595	-	536,521	765,116	245	(26,809)	14,186	23,164	(18,092)	-
Cavalier School	1,000	299,304	218,224	28,346	546,874	181,953	-	258,541	440,494	42,022	14,585	66,442	30,819	(17,663)	(9,835)
Center Stanton School	705	211,053	153,880	69,494	435,132	128,304	-	108,578	236,882	53,729	39,603	46,120	(12,291)	4,536	-
Central Cass School	1,885	564,425	411,526	663,115	1,640,951	343,126	-	108,067	451,193	219,737	219,593	304,073	231,153	118,108	97,993
Central Regional Education Association	527	97,802	71,908	1,203,732	1,373,169	59,456	-	92,541	92,541	(18,182)	(18,182)	(18,182)	(17,422)	201,744	205,218
Central Elementary School	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Central Valley School	590	176,487	128,678	17,314	323,069	107,290	-	103,045	210,335	12,898	19,040	51,311	34,052	(5,616)	1,048
Dakota Prairie School	970	290,230	211,609	340,901	842,900	176,437	-	112,501	288,938	129,133	111,987	131,489	112,866	21,741	46,744
Devils Lake School	4,906	1,489,550	1,070,729	501,596	3,045,781	892,764	-	838,229	1,730,993	166,089	194,324	416,826	393,102	(12,599)	91,849
Dickinson School	9,945	2,947,216	2,148,835	3,179,113	8,285,009	1,791,677	-	527,429	2,319,106	1,764,291	1,264,189	1,457,297	1,093,158	336,368	50,662
Divide School	1,215	363,611	265,111	418,422	1,048,359	221,047	-	185,603	406,650	133,574	138,097	166,359	109,422	24,900	69,957
Drake School	210	62,973	45,914	16,196	125,293	38,283	-	118,065	156,348	(24,489)	(15,550)	848	12,667	(2,980)	(1,550)
Drayton School	616	184,256	134,342	123,433	442,647	112,013	-	152,175	284,188	(68,630)	34,075	65,434	21,469	(8,319)	(4,831)
Dunseith School	1,525	456,491	332,831	370,666	1,161,513	277,511	-	60,893	338,404	246,112	219,252	206,336	113,345	4,836	33,228
E Central Cir. Evc Childn	293	87,640	63,899	1,360	153,192	53,278	-	325,448	378,726	(43,041)	(48,242)	(22,086)	(30,808)	(45,825)	(35,532)
Earl Elem. School	12	3,444	2,511	7,426	2,094	-	-	13,633	15,727	(1,915)	(1,679)	(1,124)	(1,289)	(2,241)	47
Edgeley School	580	173,731	126,668	140,647	441,626	106,615	-	260,946	366,561	20,859	15,494	30,919	16,778	6,487	(15,470)
Edmore School	338	101,056	73,680	60,455	235,529	61,434	-	93,006	154,440	23,948	13,668	26,147	23,343	(3,347)	(3,268)
Eight Mile School	762	228,106	166,313	279,213	674,394	138,670	-	164,524	303,194	125,893	86,397	80,513	73,436	(12,688)	17,649
Elgin-New Leipzig School	501	150,113	109,449	61,521	321,584	91,257	-	200,260	291,517	29,202	31,192	18,795	(2,225)	(30,039)	(16,857)
Elendale School	764	228,854	168,859	139,244	469,821	139,126	-	288,896	428,012	(22,583)	(9,906)	30,231	27,776	11,415	4,877
Emerald Elementary School	302	90,415	65,922	94,449	251,098	54,865	-	30,655	85,620	34,245	32,184	44,431	31,166	8,318	15,123
Enderlin Area School District	889	266,035	193,668	25,326	486,218	161,729	-	276,050	437,779	24,423	6,878	32,099	(1,679)	(26,633)	13,351
Fairmount School	402	120,361	87,796	17,292	225,811	73,170	-	131,999	385,169	(30,448)	(30,446)	(4,125)	(16,714)	(45,136)	(34,457)
Fargo Public Schools	32,972	9,871,971	7,192,719	1,674,232	18,176,909	6,001,399	-	2,130,713	8,319,349	2,198,249	2,098,093	2,866,617	2,166,734	173,751	631,996
Fessenden-Bowling School	70	21,997	17,089	74,801	112,889	34,136	-	13,530	106,989	60,714	55,117	38,065	10,403	-	14,340
Finley-Sharon School	483	144,607	105,434	64,724	315,248	87,910	-	161,699	249,609	(15,897)	(13,447)	48,666	38,723	6,321	1,273
Flasher School	566	169,362	123,483	128,093	421,504	102,959	-	37,291	140,250	48,122	68,809	80,011	47,490	15,087	21,735
Fordville Lanjin School	776	82,519	60,165	40,332	183,892	50,165	-	66,892	117,047	13,047	11,102	21,676	16,978	4,652	(697)
Fort Ransom Elem School	501	21,997	15,382	1,475	36,824	12,825	-	27,970	40,765	(743)	(3,140)	2,273	662	(2,355)	569
Fort Totten School	700	209,553	152,787	169,751	532,791	127,392	-	289,717	417,109	(9,374)	2,053	43,542	29,663	35,454	14,345
Fort Yates School	450	134,673	98,191	141,331	374,645	81,871	-	527,685	609,556	(24,607)	(41,585)	(24,702)	(71,156)	(35,329)	(37,331)
Gackle-Streeter Pub Sch	361	108,211	78,898	9,297	196,767	65,724	-	57,436	123,220	15,964	20,129	16,927	25,123	(5,456)	860
Garrison School	1,040	311,440	227,073	23,467	563,020	189,331	-	238,878	428,209	49,797	14,606	55,385	34,292	(28,550)	9,278
Glen Ullin School	481	143,899	104,918	20,986	289,384	87,479	-	224,982	312,461	7,113	(15,051)	(3,333)	(12,646)	(26,032)	(7,471)
Glenburn School	811	242,813	177,037	239,658	660,319	147,612	-	356,119	503,731	65,465	65,674	22,188	13,637	2,087	(12,463)
Goodrich School	136	40,718	29,688	12,146	82,688	24,753	-	31,267	56,020	3,854	5,347	10,467	9,032	(2,158)	125
Grafton School	1,885	564,323	411,452	16,478	994,138	343,064	-	774,853	1,117,917	(4,331)	(45,557)	12,565	(9,273)	(50,112)	(27,071)
Grand Forks School	21,385	6,401,617	4,667,461	256,342	11,346,805	3,891,683	-	2,964,428	6,856,111	1,095,800	1,161,850	1,518,592	825,913	(239,411)	127,951
Great North West Cooperative	96	29,658	20,895	150,897	200,546	74,422	-	64,053	114,475	23,949	16,076	26,146	24,984	26,146	11,951
Grenora School	533	159,604	116,368	148,795	425,300	97,027	-	236,992	334,019	46,311	19,724	38,202	24,853	(9,961)	(27,847)

# Section 3: Additional Information for GASB 68

**EXHIBIT E (continued)**  
**Schedule of Pension Amounts by Employer as of**  
**June 30, 2020**

Employer Name	Deferred Outflows of Resources			Deferred Inflows of Resources			Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions					Deferred (Inflows)/Outflows Recognized in Future Pension Expense (Year Ended June 30):					Thereafter
	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 Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Total Deferred Inflows of Resources	2021	2022	2023	2024	2025			
	(14)	(15)	(16)	(17)	(18)	(19)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	
Griggs County Central Sch	734	219,671	160,163	6,361	386,929	133,542	-	-	280,546	414,088	(37,058)	(29,936)	47,891	21,832	(20,303)	(9,585)	
Gst Educational Services	847	253,624	184,919	300,984	740,374	154,183	-	-	75,198	229,381	110,318	128,756	124,044	86,847	21,447	39,579	
Holiday School	127	38,103	27,781	15,129	81,140	23,164	-	-	206,210	229,374	(44,173)	(47,034)	(38,283)	(24,365)	3,077	2,546	
Hankinson School	681	203,371	140,716	41,079	391,447	123,998	-	-	215,000	339,998	(28,959)	9,029	53,731	37,606	(13,269)	(2,918)	
Harvey School	994	297,570	216,960	37,247	552,771	160,899	-	-	381,162	562,061	4,058	9,432	13,348	3,325	(41,378)	1,522	
Hatton Eielson Pfd	532	159,310	116,154	58,422	334,418	96,848	-	-	115,150	211,998	23,132	19,881	41,184	28,720	7,767	1,738	
Hazelton - Moffitt School	391	117,164	85,425	134,424	337,404	71,227	-	-	151,288	222,515	20,225	39,269	30,594	18,152	11,177	(4,528)	
Hazen School	1,229	367,982	268,298	71,333	708,842	223,704	-	-	575,815	799,519	4,710	(25,028)	19,204	(3,330)	(91,434)	6,201	
Helson School	511	153,068	111,603	35,172	300,354	93,053	-	-	199,552	292,805	2,182	20,473	115	24,308	11,216	-	
Hettinger School	626	187,250	136,525	19,395	343,796	113,833	-	-	269,325	383,158	(58,907)	(24,816)	20,253	19,971	(7,898)	12,035	
Hillsboro School	1,150	344,149	250,922	92,427	688,648	209,216	-	-	264,785	474,001	92,655	54,335	82,710	37,097	(43,024)	(9,128)	
Hope School	355	106,248	77,466	193,994	378,063	64,591	-	-	61,748	126,339	51,703	54,774	52,069	58,495	19,106	15,578	
Horse Creek Elem. School	18	5,387	3,927	30,330	39,862	3,275	-	-	35,849	39,124	1,009	1,334	4,355	(6,290)	106	226	
James River Multidistrict Spec Ed Unit	572	172,741	125,947	94,196	393,461	105,913	-	-	341,797	446,810	23,108	1,774	11,523	(20,881)	(63,528)	(6,148)	
Jamesstown School	5,962	1,784,705	1,301,240	3,091,907	1,084,961	-	-	-	1,504,150	2,589,111	24,358	80,859	342,351	176,359	(31,119)	9,988	
Kenmare School	808	241,794	176,294	91,060	509,956	146,992	-	-	228,599	375,591	5,376	35,067	58,649	26,680	(15,140)	23,732	
Kensal School	111	33,216	24,218	67,695	10,150	20,192	-	-	221,819	242,011	(43,419)	(50,025)	(60,025)	(7,950)	(14,365)	(8,508)	
Kidder County School District	906	271,107	197,666	159,318	628,997	164,812	-	-	676,044	840,856	(64,809)	(37,733)	(1,028)	14,518	(57,304)	(65,503)	
Kildare School	1,614	483,294	352,373	1,152,260	1,989,541	293,905	-	-	37,015	330,820	349,974	304,610	356,637	306,020	174,026	167,455	
Kindred School	1,628	487,397	355,365	1,153,045	308,655	296,300	-	-	69,045	365,345	165,943	158,067	222,762	158,794	37,239	44,896	
Kulm School	453	135,574	98,848	38,532	273,407	82,418	-	-	210,996	292,514	(18,735)	(14,461)	6,674	18,515	(17,791)	6,688	
Lake Region Spec Ed	900	269,515	196,505	282,767	749,687	163,844	-	-	98,026	261,870	77,625	85,419	137,813	113,254	37,231	36,477	
Lakota School	521	156,114	113,824	89,540	359,999	94,905	-	-	262,743	357,648	(9,183)	18,107	26,859	12,510	(39,595)	(6,347)	
Lemoure School	645	192,976	140,700	11,509	345,830	117,314	-	-	329,689	447,003	(11,975)	(31,945)	(3,360)	(11,925)	(34,662)	(7,468)	
Langdon Area School	1,153	345,203	251,690	587,765	1,195,911	209,857	-	-	214,445	424,302	157,368	149,810	279,338	123,582	41,928	19,583	
Larimore School	934	279,571	203,837	90,623	574,965	169,957	-	-	411,925	581,882	(25,660)	28,298	36,254	14,452	(57,565)	(2,695)	
Leeds School	468	140,005	102,079	5,445	247,997	85,112	-	-	166,228	251,340	(2,550)	(14,131)	16,116	7,968	(14,086)	3,339	
Lewis And Clark School	1,081	323,684	236,000	35,879	596,644	196,774	-	-	634,903	831,677	(24,854)	(48,704)	(12,820)	(58,839)	(74,122)	(17,696)	
Lidgerwood School	518	155,001	113,012	23,435	291,966	94,229	-	-	138,859	233,088	4,517	17,740	21,336	7,401	(1,993)	8,477	
Linton School	692	207,298	151,142	8,441	367,573	126,021	-	-	368,334	494,355	(35,155)	(22,053)	1,642	871	(42,740)	(29,346)	
Lisbon School	1,535	459,631	335,120	81,721	878,007	279,420	-	-	547,717	827,137	10,193	38,986	55,871	31,161	(72,328)	(13,012)	
Litchville-Marion School	374	111,907	81,592	39,849	233,722	69,031	-	-	144,034	212,065	(3,923)	5,465	12,312	156	5,495	2,153	
Little Heart Elem. School	65	19,338	14,099	34,187	67,689	11,756	-	-	3,391	15,147	13,341	11,740	14,901	8,512	1,982	2,066	
Logan County	1	280	204	204	485	170	-	-	3,793	3,963	(656)	(822)	(544)	(554)	(586)	(538)	
Lone Tree Elem. School	115	34,301	25,009	36,621	96,046	20,853	-	-	29,725	50,578	14,575	8,698	5,645	11,813	2,775	1,963	
Lonetree Spec Ed Unit	99	29,549	21,544	138,200	189,392	17,963	-	-	68,909	86,872	22,579	21,836	22,655	20,477	436	14,534	
Maddock School	418	125,064	91,185	6,707	223,374	76,029	-	-	159,093	235,122	(9,152)	(14,401)	6,018	7,351	(2,329)	766	
Mandan Public Schools	9,556	2,860,532	2,085,632	927,087	5,882,807	1,738,979	-	-	69,401	1,808,380	1,181,566	852,721	1,023,973	690,627	135,254	190,285	
Mandaree School	773	231,375	168,697	339,668	740,513	140,658	-	-	283,738	424,396	17,675	49,182	57,909	99,236	83,528	28,592	
Manning Elem. School	26	7,650	5,578	30,170	4,651	-	-	-	82,653	87,304	(9,065)	(7,410)	(10,786)	(13,805)	(10,677)	-	
Manvel Elem. School	431	128,915	93,992	171,072	394,410	78,370	-	-	63,805	142,275	55,728	60,431	64,640	48,399	24,517	(1,581)	
Maple Valley School	719	215,149	156,867	18,717	391,452	130,794	-	-	267,005	397,799	(3,855)	3,072	37,251	7,568	(33,284)	(17,099)	
Mapleton Elem. School	440	131,812	96,105	334,338	562,695	80,131	-	-	20,189	100,320	98,146	88,926	109,005	77,315	43,547	45,436	
Marmarth Elem. School	52	15,594	11,362	44,731	21,729	9,474	-	-	103,918	113,392	(13,046)	(6,140)	(14,867)	(6,978)	1,895	(2,539)	
Max School	488	145,866	106,426	6,458	259,340	88,737	-	-	261,408	350,145	(11,801)	(12,762)	(17,000)	(4,932)	(31,627)	(12,854)	
May-Port C-G School	1,196	358,022	261,036	13,585	633,839	217,650	-	-	397,982	615,632	31,630	2,347	33,421	6,292	(46,961)	(8,521)	
Mcclosky School	286	85,596	62,409	175,949	324,239	52,036	-	-	325,113	377,149	(36,501)	(10,011)	(14,589)	5,458	15,228	(12,494)	
Mckenzie County	21	6,176	4,503	7,762	14,462	3,755	-	-	8,754	12,509	(2,201)	(799)	2,810	1,463	185	654	
Mckenzie County School	4,500	1,346,962	982,101	4,513,322	6,846,916	818,866	-	-	818,865	1,568,804	1,774,785	1,210,120	1,000,114	693,221	371,204	9,642	
Medina School	472	141,356	103,063	70,442	315,333	85,933	-	-	138,323	224,256	25,558	34,269	27,186	6,624	(11,737)	3,642	
Menoken Elem. School	95	28,294	20,629	51,696	100,714	17,200	-	-	-	17,200	25,483	23,163	19,521	10,473	2,558	2,316	
Mickota	512	153,313	111,782	173,598	439,205	93,202	-	-	105,197	198,399	30,269	40,706	72,232	54,249	14,132	29,218	
Midway School	833	159,580	116,336	25,540	301,969	97,000	-	-	476,010	573,010	(64,634)	(52,256)	(52,936)	(51,232)	(36,444)	(13,539)	
Minor School	640	191,713	136,779	109,919	436,951	116,947	-	-	235,395	391,932	(8,513)	(9,853)	45,393	40,197	(24,163)	1,060	
Minnewaukan School	520	245,391	178,916	346,658	771,785	149,178	-	-	296,913	446,091	43,050	57,659	75,988	98,209	8,596	42,222	
Minot School	19,959	5,974,910	4,356,346	-	10,351,215	3,632,278	-	-	3,691,913	7,324,191	682,709	618,047	1,216,256	651,734	(346,822)	205,100	
Minto School	711	212,745	155,114	485,533	854,103	129,332	-	-	53,246	182,578	140,387	129,648	165,491	106,976	72,833	66,190	
Mohall Lansford Sherwood	889	266,111	194,023	-	461,023	161,775	-	-	587,951	749,726	(99,401)	(88,828)	(9,334)	(16,171)	(60,727)	(24,242)	
Montpelier School	352	105,480	76,906	15,558	198,296	64,124	-	-	56,122	120,246	26,163	20,904	23,076	16,139	(2,047)	-	
Morton County	3	772	563	503	1,841	469	-	-	29,417	29,886	(6,434)	(6,763)	(6,810)	(6,761)	(1,253)	(25)	



# Section 3: Additional Information for GASB 68

**EXHIBIT E (continued)**  
**Schedule of Pension Amounts by Employer as of**  
**June 30, 2020**

Employer Name	Deferred Outflows of Resources				Deferred Inflows of Resources				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 Investments	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	Total Deferred Inflows of Resources	Deferred (Inflows)/Outflows Recognized in Future Pension Expense (Year Ended June 30):							
										2021	2022	2023	2024	2025	Thereafter		
(14)	(15)	(16)	(17)	(18)	(19)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)		
Mott-Regent School	653	195,351	142,431	169,773	508,208	118,758	-	349,911	468,669	(14,379)	(12,744)	9,333	18,762	1,088	37,479		
Mt Pleasant School	798	238,941	174,214	175,761	589,714	144,258	-	103,700	248,958	78,776	60,130	76,973	65,365	32,625	26,887		
Munich School	458	137,170	100,011	128,560	366,199	83,388	-	109,992	193,380	65,098	50,318	45,009	31,574	(8,051)	(11,128)		
N Central Area Career And Tech Center	-	-	-	-	-	-	-	164,007	164,007	(42,736)	(40,413)	(38,636)	-	-	-		
Napoleon School	559	167,323	121,996	133,562	333,440	101,719	-	63,946	735,665	(68,519)	(71,720)	(44,527)	(52,373)	(97,365)	(67,122)		
Naughton Rural School	47	14,018	10,221	26,211	50,497	8,522	-	2,133	10,655	10,375	10,100	10,626	6,561	1,818	361		
Nd Center For Distance Education	623	186,479	135,963	151,602	474,667	113,365	-	146,167	259,532	127,990	719	49,553	39,599	(5,862)	3,137		
Nd Dept Of Public Instruction	81	24,283	17,705	89,823	131,892	14,762	-	127,960	142,722	16,455	16,292	1,200	(20,100)	(24,456)	(220)		
Nd School For Blind	4	91,708	66,865	39,179	198,256	55,752	-	129,618	185,370	21,180	5,530	6,518	10,152	(15,023)	3,332		
Nd School For Deaf	404	120,871	88,128	31,031	240,434	73,480	-	157,496	230,976	12,304	1,631	23,015	1,291	(21,238)	(7,546)		
Nd United	46	13,673	9,969	5,249	28,937	8,312	-	338,953	347,265	(63,063)	(62,280)	(58,395)	(58,192)	(62,237)	(14,162)		
Nd Youth Correctional Cnt	455	136,223	99,321	49,735	285,734	82,813	-	477,616	560,429	(54,296)	(40,140)	(28,417)	(66,158)	(66,158)	(39,149)		
Nedrose School	1,369	409,891	298,854	496,220	1,706,334	249,182	-	47,443	296,625	476,055	451,064	233,342	180,801	57,094	11,355		
Nelson County	4	1,269	925	436	2,634	772	-	6,825	7,597	(695)	(646)	(646)	(797)	(1,123)	(1,071)		
Nesson School	883	264,248	192,665	433,589	891,385	160,642	-	78,377	239,019	163,257	141,612	140,208	128,597	31,972	46,719		
New England School	608	181,933	132,649	76,754	391,944	110,601	-	234,868	345,469	55,735	28,693	21,851	1,478	(32,384)	(28,888)		
New Rockford Sheyenne School	788	235,988	172,060	90,112	498,948	143,462	-	234,101	377,563	15,208	3,926	52,810	58,414	(7,044)	(1,927)		
New Salem-Almont	924	276,620	201,685	230,648	709,877	168,163	-	83,899	252,062	126,361	86,532	144,164	74,388	15,129	11,241		
New Town School	2,719	813,941	593,450	1,319,334	3,329,444	494,912	-	73,693	598,505	624,849	534,235	632,793	493,039	259,812	216,150		
Newburg United District	365	109,161	79,590	332,654	66,362	5,362	-	38,720	105,082	6,362	59,914	60,621	46,312	6,804	(1,033)		
North Border School	1,206	361,086	263,270	102,985	728,547	219,512	-	538,647	759,159	(28,609)	26,668	2,527	8,002	(32,387)	(6,812)		
North Sargent School	669	200,414	146,123	163,576	510,782	121,836	-	291,151	412,987	65,086	53,695	24,504	15,182	(42,997)	(17,674)		
North Star	746	223,172	162,716	72,779	459,413	135,671	-	213,539	349,210	44,268	27,302	31,291	29,713	(24,911)	2,537		
North Valley Area Career	306	91,756	66,885	202,920	361,947	55,768	-	73,005	128,773	23,513	46,778	63,509	40,156	28,326	30,791		
Northern Cass School Dist	1,452	434,811	317,023	525,157	1,076,443	246,331	-	188,835	453,166	208,298	183,817	191,906	68,524	(18,227)	(11,541)		
Northern Plains Spec Ed	138	41,346	30,146	47,075	118,705	25,135	-	34,679	59,814	30,662	12,178	17,872	3,859	(4,914)	(666)		
Northwood School	825	246,985	180,079	289,662	717,551	150,148	-	10,934	161,082	140,297	128,430	126,146	87,351	40,639	33,608		
Oakes School	983	294,239	214,532	405,258	915,012	178,874	-	350,557	529,431	61,358	63,722	89,490	86,077	7,030	67,943		
Oberson Elem School	128	38,210	27,859	196,623	262,326	23,229	-	420,421	443,650	(51,097)	(42,324)	4,241	(17,625)	(23,339)	(50,679)		
Oliver - Mercer Spec Ed	416	124,576	90,829	92,758	308,579	75,733	-	214,801	290,534	8,955	(7,438)	1,865	11,984	(14,943)	18,224		
Page School	332	99,436	72,499	133,175	305,442	60,449	-	141,696	202,145	13,106	12,144	33,822	8,970	16,565	18,690		
Park River Area School District	908	271,870	198,222	497,513	165,276	169,276	-	356,789	522,065	(20,640)	(3,441)	38,706	238	(34,283)	(5,132)		
Parshall School	821	245,689	179,134	257,296	682,942	149,360	-	312,423	461,783	30,825	49,111	77,604	88,380	(25,136)	375		
Peace Garden Spec Ed	289	86,634	63,166	229,375	379,464	52,667	-	107,861	160,528	54,696	40,238	46,177	34,140	9,518	34,167		
Pembina Spec Ed Coop	56	16,674	12,157	29,152	58,039	10,137	-	38,948	49,085	(13,605)	6,246	7,846	5,994	(831)	3,305		
Pingree - Buchanan School	381	113,911	83,054	152,883	350,229	69,249	-	177,032	246,281	15,817	20,057	26,081	14,878	(2,850)	29,964		
Pleasant Valley Elem	-	-	-	-	-	-	-	4,752	4,752	-	(4,752)	-	-	-	-		
Powers Lake School	580	173,542	126,530	210,281	510,933	105,500	-	41,925	147,425	89,831	75,695	75,644	70,702	24,663	26,974		
Richardson-Taylor	860	257,486	187,735	167,800	613,881	156,532	-	94,628	251,160	87,340	60,318	99,136	70,936	12,322	32,671		
Richland School	694	207,613	151,372	53,635	413,314	126,213	-	224,778	350,991	(7,718)	(9,455)	59,725	19,507	(3,471)	3,735		
Robinson School	-	-	-	-	-	-	-	30,320	30,320	(20,228)	(10,062)	-	-	-	-		
Rolette County	-	-	-	-	-	-	-	1,139	1,139	-	(1,139)	-	-	-	-		
Rolette School	549	164,483	119,926	63,678	348,636	99,993	-	181,482	281,475	39,344	14,814	30,998	(2,382)	(20,142)	4,530		
Rossmore School	196	58,799	42,864	95,833	187,983	35,240	-	109,704	157,292	19,209	15,943	22,534	9,636	(2,574)	1,674		
Roughrider Area Career And Tech Center	86	25,725	18,727	108,724	154,292	15,639	-	41,071	56,710	9,203	10,569	31,436	18,499	13,534	14,841		
Roughrider Service Program	86	25,601	18,666	78,358	122,711	15,563	-	162,032	177,595	24,136	(3,609)	(27,540)	(27,933)	(20,143)	203		
Rugby School	1,636	489,721	357,059	296,275	1,144,691	297,712	-	38,338	336,050	177,153	156,809	202,256	152,964	56,977	62,482		
Rural Case Spec Ed	638	190,882	139,173	484,784	815,477	116,041	-	122,968	239,009	112,948	113,802	128,428	145,426	47,352	28,513		
Saunders Central School	746	223,276	162,793	178,810	565,427	135,736	-	78,761	214,493	80,315	83,316	100,358	65,685	99	21,165		
Sawyer School	260	77,855	56,765	71,879	206,769	47,330	-	398,764	446,094	(74,194)	(87,325)	(67,844)	(29,282)	12,750	6,541		
Scranton School	515	154,078	112,339	39,445	306,377	93,667	-	124,119	217,786	27,042	15,841	41,589	24,931	(12,129)	(6,885)		
Se Region Career And Tech	723	216,411	157,786	465,572	131,561	131,561	-	1,033	132,594	84,555	73,393	86,286	58,293	15,219	15,232		
Selridge School	407	121,970	88,929	34,167	245,473	74,148	-	108,806	182,954	22,921	22,171	28,175	14,036	(16,675)	(6,110)		
Sheyenne Valley Area Voc	420	125,586	91,526	226,029	443,691	76,347	-	41,067	117,414	69,077	69,018	74,842	73,027	36,225	15,989		
Sheyenne Valley Spec Ed	630	188,567	137,486	67,557	394,240	114,634	-	423,087	537,721	(43,512)	(61,924)	5,215	7,970	(44,137)	(7,093)		
Slope County	12	3,542	2,583	558	6,695	2,154	-	1,398	3,552	712	682	1,053	751	(93)	39		
Solen - Cannonball School	614	183,808	134,016	57,858	376,296	111,741	-	649,934	761,675	(106,436)	(44,311)	(24,673)	(63,889)	(76,448)	(69,523)		
Souris Valley Spec Ed	539	161,408	117,664	207,507	487,138	98,123	-	561,742	699,865	(93,163)	(97,074)	(50,220)	69,666	3,292	(5,229)		
South Cent. Prairie Sp Ed	130	38,773	28,270	37,002	445,175	23,571	-	50,862	74,433	60,841	58,739	62,953	64,924	64,924	64,924		
South East Education Cooperative	211	63,210	46,067	581,396	690,906	38,427	-	363,161	401,588	130,779	128,007	132,792	(53,850)	(21,114)	(27,204)		

# Section 3: Additional Information for GASB 68

## EXHIBIT E (continued)

### Schedule of Pension Amounts by Employer as of June 30, 2020

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	Net Difference Between Projected and Actual Earnings on Pension Plan Investments	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 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	2021	2022	2023	2024	2025	Thereafter
											(23)	(24)	(25)	(26)	(27)	(28)
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	
South Heart School	944	282,660	206,089	616,838	1,106,531	171,835	-	-	171,835	237,622	201,012	205,911	162,443	76,037	51,671	
South Prairie Elem School	1,181	853,554	257,779	773,287	1,385,801	214,933	-	-	214,933	391,623	350,464	232,497	124,570	36,447	35,266	
South Valley Spec Ed	194	58,225	42,452	105,199	206,070	35,396	-	-	314,084	349,480	(62,525)	(74,074)	8,675	17,602	(14,981)	
Southwest Special Education Unit	32	9,561	6,971	4,997	20,961	5,812	-	-	2,030	7,842	2,381	2,945	3,765	2,451	1,043	
St. John'S School	1,372	410,806	299,521	551,251	1,262,950	249,738	-	-	37,916	287,654	203,227	179,355	229,432	177,498	93,107	
St. Thomas School	270	80,807	58,917	19,399	159,393	49,124	-	-	161,613	210,737	(18,748)	(22,410)	576	(1,788)	(4,980)	
Stanley School	1,589	475,810	346,917	297,142	1,121,458	289,256	-	-	500,952	790,208	162,231	107,442	153,454	29,027	(77,610)	
Starkweather School	255	76,214	55,568	80,836	212,873	46,332	-	-	110,357	156,689	(2,750)	(1,286)	12,172	22,384	9,885	
Sterling School	76	22,783	16,611	41,234	80,704	13,850	-	-	224,430	238,280	(16,741)	(22,195)	(21,067)	(24,711)	(36,526)	
Strasburg School District	384	115,038	83,875	123,059	322,356	69,934	-	-	266,383	336,317	(456)	23,007	28,514	5,277	(36,062)	
Surrey School	1,149	343,848	250,702	125,131	720,830	209,033	-	-	143,866	352,899	92,706	73,632	106,969	81,193	(8,811)	
Sweet Briar Elem School	51	15,211	11,090	-	53,926	9,247	-	-	10,193	19,440	10,757	9,916	10,445	4,920	(568)	
Tgi School District	1,133	339,306	247,350	-	587,929	206,271	-	-	457,886	664,157	(28,705)	(30,219)	5,742	3,466	(37,105)	
Thompson School	1,123	336,232	245,149	277,456	859,960	204,403	-	-	17,093	221,496	159,558	161,903	170,522	107,629	18,079	
Tioga School	1,466	439,003	320,080	279,795	1,040,344	266,880	-	-	176,320	443,200	226,064	130,376	139,300	102,041	2,828	
Turtle Lake-Mercer School	608	181,953	132,663	115,040	430,264	110,613	-	-	90,060	200,673	28,986	53,557	86,221	51,246	(4,115)	
Twin Butte Elem School	195	58,301	42,507	29,291	130,294	35,542	-	-	90,686	126,728	(7,454)	(4,837)	(3,039)	8,440	(1,962)	
Underwood School	652	195,157	142,290	-	338,099	118,640	-	-	262,460	381,100	(13,286)	(16,214)	9,191	2,624	(27,073)	
United School	1,474	441,284	321,743	248,320	1,012,821	268,266	-	-	359,824	628,090	106,765	132,203	165,456	34,704	(46,003)	
Upper Valley Spec Ed	1,142	341,987	249,345	109,853	702,327	207,901	-	-	268,370	476,271	91,446	54,477	89,581	34,068	(42,692)	
Valley - Edinburg School	666	199,384	145,372	90,791	436,213	121,210	-	-	449,417	570,627	(2,372)	(96)	(30,389)	(34,927)	(50,909)	
Valley City School	2,685	803,757	586,025	47,422	1,439,889	488,622	-	-	832,685	1,321,307	(36,594)	76,080	113,255	48,849	(85,986)	
Velva School	1,205	360,859	263,104	92,082	717,250	199,374	-	-	159,570	378,944	74,611	83,484	62,076	(17,572)	20,441	
Wahpeton School	3,010	901,184	657,059	-	1,561,253	547,850	-	-	673,488	1,221,338	48,570	25,921	149,238	112,849	(23,999)	
Ward County	13	3,962	2,889	462	7,326	2,409	-	-	2,242	4,651	624	491	982	707	(201)	
Warwick School	799	239,229	174,424	337,578	752,030	145,433	-	-	288,686	434,119	56,857	565	60,461	92,320	53,952	
Washburn School	835	250,016	182,288	201,139	634,278	151,990	-	-	57,941	209,931	105,310	97,438	89,949	89,982	14,279	
West Fargo School	29,086	8,707,186	6,348,467	8,747,885	23,832,624	5,293,288	-	-	-	5,293,288	5,502,189	4,575,285	4,538,709	2,791,465	676,973	
West River Student Services	235	70,246	51,217	91,296	212,994	42,704	-	-	401,720	444,424	(28,932)	(49,045)	(38,057)	(44,483)	(29,277)	
Westhope School	478	143,017	104,275	35,719	283,489	86,943	-	-	163,391	250,334	21,977	(2,236)	6,244	(7,974)	(6,449)	
White Shield School	789	236,247	172,250	423,786	833,072	143,620	-	-	101,875	245,495	99,459	104,243	140,651	131,470	37,778	
Williams Co School Dist #8	1,166	348,997	254,456	622,418	1,227,037	212,163	-	-	108,872	321,035	156,313	167,164	219,079	191,626	105,572	
Wilton School	10,137	3,034,559	2,212,517	5,183,925	10,441,036	1,844,775	-	-	56,199	1,500,974	2,323,948	1,732,955	1,702,078	1,360,082	769,085	
Wilmar Special Education	1,919	574,417	418,811	1,086,240	2,081,387	349,201	-	-	205,326	554,527	481,678	381,088	355,516	181,927	107,095	
Wilton School	654	195,680	142,672	127,420	466,426	118,958	-	-	40,723	159,681	77,479	67,570	79,498	48,558	14,081	
Wing School	274	82,120	59,874	32,635	174,903	49,923	-	-	244,898	294,821	(16,833)	(16,279)	(2,530)	(22,362)	(28,634)	
Wishak School	512	153,231	111,722	34,869	300,354	93,152	-	-	351,612	444,764	(6,174)	(16,324)	2,221	(24,955)	(54,466)	
Wolford School	-	-	-	26,044	26,044	-	-	-	956,904	956,904	(153,237)	(159,898)	(154,573)	(159,273)	(149,505)	
Wyndmere School	641	191,956	139,957	53,575	386,311	116,694	-	-	172,981	289,675	677	10,075	38,447	22,578	12,235	
Yellowstone Elem School	228	68,136	49,678	17,717	135,759	41,421	-	-	77,607	119,028	6,493	(4,858)	11,626	1,086	(595)	
Zealand School	194	58,082	42,348	81,098	181,722	35,309	-	-	117,354	152,663	(8,621)	(4,064)	25,304	16,591	(7,138)	
<b>Grand Totals:</b>	<b>315,610</b>	<b>94,480,172</b>	<b>68,886,113</b>	<b>57,780,958</b>	<b>221,462,853</b>	<b>57,436,555</b>	-	-	<b>57,780,958</b>	<b>115,217,513</b>	<b>27,283,839</b>	<b>23,140,445</b>	<b>30,297,156</b>	<b>20,000,052</b>	<b>1,083,715</b>	<b>4,440,133</b>