

## North Dakota Teachers' Fund for Retirement

Governmental Accounting Standards Board (GASB) Statement Nos. 67 and 68 Actuarial Valuation as of July 1, 2014

**Unaudited – For Training Purposes Only** 





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

November 14, 2014

Board of Trustees North Dakota Teachers' Fund for Retirement 1930 Burnt Boat Drive, P.O. Box 7100 Bismarck, ND 58507-7100

Dear Trustees:

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, 2014.

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 Consulting, a Member of The Segal Group, Inc.

*B*v:

Kim Nicholl, FSA, EA, MAAA Senior Vice President and Actuary

Matthew A. Strom, FSA, EA, MAAA

Vice President and Actuary

### **SECTION 1**

### **VALUATION SUMMARY**

Purpose
Significant Issues in Valuation
Year
Summary of Key Valuation
Resultsii

### **SECTION 2**

### GASB 67 AND 68 INFORMATION

EXHIBIT 1  Membership Data1
EXHIBIT 2 Net Pension Liability2
EXHIBIT 3 Schedule of Changes in Net Pension Liability
EXHIBIT 4 Schedule of Employer Contributions

#### **SECTION 3**

### ADDITIONAL INFORMATION FOR GASB 68

EXHIBIT A
Reconciliation of Collective
Net Pension Liability 8
EXHIBIT B
Collective Deferred Outflows
of Resources and Deferred
Inflows of Resources9
EXHIBIT C
Collective Pension
Expense11
EXHIBIT D
Schedule of Employer
Allocations 13
EXHIBIT E
Schedule of Pension Amounts
by Employer17
• • •



#### **Purpose**

This report has been prepared by Segal Consulting to present certain disclosure information required by Governmental Accounting Standards Board (GASB) Statement Nos. 67 and 68 as of June 30, 2014. This valuation is based on:

- > The benefit provisions of the Fund, as administered by the Board;
- > The characteristics of covered active members, terminated vested members, and retired members and beneficiaries as of July 1, 2014;
- > The assets of the Fund as of June 30, 2014;
- > Economic assumptions regarding future salary increases and investment earnings; and
- > Other actuarial assumptions, regarding employee terminations, retirement, death, etc.

#### Significant Issues in Valuation Year

The following key findings were the result of this actuarial valuation:

- > The Governmental Accounting Standards Board (GASB) approved two new Statements affecting the reporting of pension liabilities for accounting purposes. Statement 67 replaces Statement 25 and is for plan reporting. Statement 68 replaces Statement 27 and is for employer reporting. Statement 67 is effective with the fiscal year ending June 30, 2014, for Plan reporting. Statement 68 is 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 new GASB rules only redefine pension liability and expense for financial reporting purposes, and do not apply to contribution amounts for actual pension funding purposes. Plans can still develop and adopt funding policies under current practices.
- > When measuring pension liability for GASB purposes, the same actuarial cost method (Entry Age method) is used to determine the funded status of the Plan, the actuarially determined contribution rate, and the effective amortization period. In addition, the GASB blended discount rate calculation results in the same discount rate (expected return on assets) as used for funding purposes. This means that the total pension liability (TPL) measure for financial reporting shown in this report is determined on the same basis as the actuarial accrued liability (AAL) measure for funding.



#### SECTION 1: Valuation Summary for the North Dakota Teachers' Fund for Retirement

- > The net pension liability (NPL) is equal to the difference between the TPL and the plan fiduciary net position. The plan fiduciary net position is equal to the market value of assets and therefore, the NPL measure is very similar to an unfunded actuarial accrued liability (UAAL) on a market value basis. The NPL decreased from \$1.16 billion as of June 30, 2013, to \$1.05 billion as of June 30, 2014. Changes in these values during the prior fiscal year ending June 30, 2014, can be found in Exhibit 3.
- > The discount rate used to determine the TPL and NPL was 8.00% as of both June 30, 2014 and 2013. The detailed calculations used in this derivation were provided under separate cover. Various information that is required to be disclosed can be found throughout Section 2 and Section 3.

#### **SECTION 1:** Valuation Summary for the North Dakota Teachers' Fund for Retirement

### **Summary of Key Valuation Results**

	2014
Disclosure elements for fiscal year ending June 30:	
Service cost	\$56,751,722
Total pension liability	3,138,799,773
Plan fiduciary net position	2,090,977,056
Net pension liability	1,047,822,717
Plan fiduciary net position as a percentage of total pension liability	66.6%
Schedule of contributions for fiscal year ending June 30:	
Actuarially determined contributions	\$59,513,485
Actual contributions	62,355,146
Contribution deficiency (excess)	(2,841,661)
Demographic data as of July 1:	
Number of retirees and beneficiaries	7,747
Number of inactive vested members	1,509
Number of inactive non-vested members	661
Number of active members	10,305
Key assumptions:	
Discount rate	8.00%
Inflation rate	3.00%
Projected salary increases	4.50% to 14.75%,
	varying by service
Investment rate of return	8.00%



EXHIBIT 1	
Membership Data	
	<u>July 1, 2014</u>
Retired members and beneficiaries	7,747
Vested inactive members	1,509
Non-vested inactive members	661
Active members:	
Vested	7,406
Non-vested	2,899
Total active members	10,305
Total membership	20,222

Active Membership By Plan Eligibility		
	<u>July 1, 2014</u>	
Tier 1 Grandfathered	3,240	
Tier 1 Non-grandfathered	3,395	
Tier 2	3,670	
Total active membership	10,305	

#### **EXHIBIT 2**

#### **Net Pension Liability**

The components of the net pension liability are as follows:

	<u>June 30, 2014</u>	June 30, 2013
Total pension liability	\$3,138,799,773	\$2,997,139,087
Plan fiduciary net position	(2,090,977,056)	(1,839,583,960)
Net pension liability	\$1,047,822,717	\$1,157,555,127
Plan fiduciary net position as a percentage of the total pension liability	66.6%	61.4%

*Plan provisions*. The plan provisions used in the measurement of the net pension liability are the same as those used in the actuarial valuation as of July 1, 2014.

Actuarial assumptions. The total pension liability was determined by an actuarial valuation as of July 1, 2014, using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation 3.00%

Salary increases 4.50% to 14.75%, varying by service, including inflation and

productivity

Investment rate of return 8.00%, net of investment expenses

Cost-of-living adjustments None

For inactive members and healthy retirees, mortality rates are based on 80% of GRS Table 378 and 75% of GRS Table 379. For active members, mortality rates are based on the post-retirement mortality rates multiplied by 60% for males and 40% for females. For disabled retirees, mortality rates are based on the RP-2000 Disabled-Life tables for Males and Females multiplied by 80% and 95%, respectively.

The actuarial assumptions used were based on the results of an experience study dated January 21, 2010. They are the same as the assumptions used in the July 1, 2014, funding actuarial valuation for TFFR.

The long-term expected investment rate of return assumption was determined using a building-block method in which bestestimate 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 Fund's target asset allocation are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Global Equities	57%	7.53%
Global Fixed Income	22%	1.40%
Global Real Assets	20%	5.38%
Cash Equivalents	<u>1%</u>	0.00%
Total	100%	

Discount rate: The discount rate used to measure the total pension liability was 8.00% as of June 30, 2014. The projection of cash flows used to determine the discount rate assumes that member and employer contributions will be made at rates equal to those based on the July 1, 2014, 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 for current plan members as of June 30, 2014. 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, 2014.

Supporting documentation for these projections can be provided upon request.



Sensitivity of the net pension liability to changes in the discount rate. The following presents the net pension liability as of June 30, 2013, and June 30, 2014, calculated using the discount rate of 8.00%, as well as what the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (7.00%) or 1-percentage-point higher (9.00%) than the current rate:

	1% Decrease (7.00%)	Current Discount Rate (8.00%)	1% Increase (9.00%)
Net pension liability as of June 30, 2013	\$1,511,142,356	\$1,157,555,127	\$860,669,595
Net pension liability as of June 30, 2014	\$1.414.755.083	\$1.047.822.717	\$739,221,908



## EXHIBIT 3 Schedule of Changes in Net Pension Liability

	2014
Total pension liability	
Service cost	\$56,751,722
Interest	237,820,894
Change of benefit terms	0
Differences between expected and actual experience	9,347,346
Changes of assumptions	0
Benefit payments, including refunds of employee contributions	(162,259,276)
Net change in total pension liability	\$141,660,686
Total pension liability – beginning	<u>2,997,139,087</u>
Total pension liability – ending (a)	<u>\$3,138,799,773</u>
Plan fiduciary net position	
Contributions – employer	\$62,355,146
Contributions – member	56,554,767
Contributions – purchased service credit	2,034,289
Contributions – other	47,766
Net investment income	294,246,449
Benefit payments, including refunds of employee contributions	(162,259,276)
Administrative expense	<u>(1,586,045)</u>
Net change in plan fiduciary net position	\$251,393,096
Plan fiduciary net position – beginning	<u>1,839,583,960</u>
Plan fiduciary net position – ending (b)	\$2,090,977,056
Net pension liability – ending (a) – (b)	<u>\$1,047,822,717</u>
Plan fiduciary net position as a percentage of the total pension liability	66.6%
Actual covered employee payroll	\$580,053,235
Plan net pension liability as percentage of covered employee payroll	180.6%



EXHIBIT 4
Schedule of Employer Contributions

Year Ended June 30	Actuarially Determined Contributions	Contributions in Relation to the Actuarially Determined Contributions	Contribution Deficiency (Excess)	Actual 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%



Valuation date	Actuarially determined contribution rates are calculated as of June 30, with appropriate interest to the middle of the fiscal year.
Methods and assumptions used to establish "actuarially determined contribution" rates:	
Actuarial cost method	Entry Age Actuarial cost method
Amortization method	Level percentage of pay, closed
Remaining amortization period	29 years as of July 1, 2014.
	The amortization of unfunded actuarial accrued liability (UAAL) within the actuarially determined contribution rate calculation is based on the level percentage of pay required to amortize the UAAL over the 30-year closed period that began July 1, 2013. For this calculation, payroll is assumed to increase 3.25% per year.
Asset valuation method	The market value of assets with a five-year phase-in of actual return in excess of (or less than expected investment income. Expected investment income is determined using the assumed investment return rate and the market value of assets (adjusted for receipts and disbursements during the year).
Actuarial assumptions:	
Investment rate of return	8.00%, net of all expenses
Inflation rate	3.00%
Projected salary increases	4.50% to 14.75%, varying by service, includes inflation and productivity
Mortality	Healthy: 80% of GRS Table 378 and 75% of GRS Table 379, with active rates equal to these rates multiplied by 60% for males and 40% for females.
	Disabled: RP-2000 Disabled-Life tables for Males and Females, multiplied by 80% and 95% respectively.
Other assumptions:	Same as those used in the July 1, 2014, and July 1, 2013, actuarial funding valuations.



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.

EXHIBIT A

Reconciliation of Collective Net Pension Liability

	Increase/(Decrease)						
	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (a) – (b)				
Balances at beginning of year	\$2,997,139,087	\$1,839,583,960	\$1,157,555,127				
Changes for the year							
Service cost	56,751,722		56,751,722				
Interest	237,820,894		237,820,894				
Differences between expected and actual experience	9,347,346		9,347,346				
Contributions – employer		62,355,146	(62,355,146)				
Contributions – member		56,554,767	(56,554,767)				
Contributions – purchased service credit		2,034,289	(2,034,289)				
Contributions – other		47,766	(47,766)				
Net investment income		294,246,449	(294,246,449)				
Benefit payments, including refunds of employee contributions	(162,259,276)	(162,259,276)	0				
Administrative expense		(1,586,045)	1,586,045				
Changes of assumptions			0				
Change of benefit terms			0				
Net changes	141,660,686	<u>251,393,096</u>	(109,732,410)				
Balances at end of year	<u>\$3,138,799,773</u>	<u>\$2,090,977,056</u>	<u>\$1,047,822,717</u>				



#### SECTION 3: Additional Information for GASB 68 for North Dakota Teachers' Fund for Retirement

As shown in Exhibit A, the change in net pension liability due to differences between expected and actual demographic experience is an increase of \$9,347,346. The average expected remaining service lives of all members is 7 years, determined as of July 1, 2013. Therefore, of the \$9,347,346 experience loss, \$1,335,335 is recognized in pension expense in the current year and \$8,012,011 is reflected as a deferred outflow of resources related to pensions.

Based on the assumed investment return of 8.00%, the expected net investment income for the year was \$145,452,583. As shown in Exhibit A, the actual net investment income for the year was \$294,246,449. The difference between actual and expected investment experience is a decrease in net pension liability of \$148,793,866, which is recognized over a 5-year period. Of this amount, \$29,758,773 is reflected in the current year and \$119,035,093 is reflected as a deferred inflow of resources related to pensions.

EXHIBIT B

Collective Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

	Year Established	Original Balance	Original Amortization Period	Amortization Amount	Outstanding Balance at June 30, 2014
Outflows Demographic Total outflows	2014	\$9,347,346	7 years	\$1,335,335 <b>\$1,335,335</b>	\$8,012,011 <b>\$8,012,011</b>
Inflows Investment Total inflows	2014	\$148,793,866	5 years	\$29,758,773 <b>\$29,758,773</b>	\$119,035,093 <b>\$119,035,093</b>



### **EXHIBIT B (continued)**

#### Collective Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

At June 30, 2014, deferred outflows of resources and deferred inflows of resources related to pensions are:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	\$8,012,011	\$0
Changes of assumptions	0	0
Net difference between projected and actual earnings on pension plan investments		119,035,093
Total	<u>\$8,012,011</u>	<u>\$119,035,093</u>

Deferred outflows of resources and deferred inflows of resources related to pension will be recognized as follows:

#### Year Ended June 30:

2015	(\$28,423,438)
2016	(28,423,438)
2017	(28,423,438)
2018	(28,423,438)
2019	1,335,335
Thereafter	1,335,335



Exhibit C below shows the individual components of collective pension expense, which totaled \$63,693,584 for the fiscal year that ended June 30, 2014.

Annual pension expense for the year can also be viewed as the change in net pension liability, plus employer and other 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 (\$109,732,410) and employer and other non-member contributions were \$62,355,146 and \$47,766, respectively. The net value of deferred outflows and deferred inflows of resources as of the end of the current fiscal year is (\$111,023,082) compared to the net value as of the end of the prior fiscal of \$0, for a change of (\$111,023,082). Therefore, the pension expense for the fiscal year that ended June 30, 2014, is (\$109,732,410) + \$62,355,146 + \$47,766 - (\$111,023,082), or \$63,693,584.

### EXHIBIT C Collective Pension Expense

	Fiscal Year Ending June 30, 2014
Components of pension expense	
Service cost	56,751,722
Interest on the total pension liability	237,820,894
Projected earnings on plan investments	(145,452,583)
Contributions – member	(56,554,767)
Contributions – purchased service credit	(2,034,289)
Administrative expense	1,586,045
Current year recognition of:	
Changes of assumptions	0
Difference between expected and actual experience	1,335,335
Difference between projected and actual earnings on	
pension plan investments	(29,758,773)
Change of benefit terms	0
Total pension expense	<u>\$63,693,584</u>



Cional Vans

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 employee payroll for the fiscal year ending June 30, 2014, is used as the proportionate share allocation basis. Retirement and Investment Office staff supplied covered employee 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. For this initial implementation of GASB 68, the same proportionate share allocation basis was used for June 30, 2013, and June 30, 2014. As a result, there are no changes in any employer's proportionate share of the total net pension liability during the measurement period ended June 30, 2014.

In addition, the difference between the actual employer contributions and the proportionate share of the employer contributions during the measurement period ended June 30, 2014, 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.

Exhibits D and E that follow show the proportionate share information for employers of TFFR for the fiscal year ending June 30, 2014.

5466879v2/13475.003



		Employer's
Employer Name	Covered Employee Payroll	Proportionate Share Allocation
Alexander School	\$ 830,899	0.143245%
Anamoose School	618,769	0.106675%
Apple Creek Elem School	338,460	0.058350%
Ashley School	877,146	0.151218%
Bakker Elem School	33,500	0.005775%
Barnes County North	1,681,343	0.289860%
Beach School Belcourt School	2,056,674	0.354566% 1.341873%
Belfield Public School	7,783,579 1,270,974	0.219113%
Beulah School	3,233,309	0.557416%
Billings Co. School Dist.	730,500	0.125937%
Bismarck Public Schools	61,729,312	10.642008%
Bismarck State College	31,287	0.005394%
Blessed John Paul li Catholic Sch Network	30,583	0.005272%
Bottineau School	3,517,441	0.606400%
Bowbells School	506,559	0.087330%
Bowman School	2,588,190	0.446199%
Burke Central School	834,871	0.143930%
Burleigh County Spec. Ed.	67,427	0.011624%
Carrington School Cavalier School	2,652,356	0.457261%
Center Stanton School	1,975,331 1,318,874	0.340543% 0.227371%
Central Cass School	3,318,777	0.572150%
Central Elementary School	60,675	0.010460%
Central Valley School	1,213,536	0.209211%
Dakota Prairie School	1,642,062	0.283088%
Devils Lake School	9,920,576	1.710287%
Dickinson School	15,053,043	2.595114%
Divide School	2,153,799	0.371311%
Drake School	531,426	0.091617%
Drayton School	1,073,296	0.185034%
Dunseith School	2,417,614	0.416792%
E Central Ctr Exc Childn	753,226	0.129855%
Earl Elem. School	30,500	0.005258%
Edgeley School Edmore School	1,159,504 636,310	0.199896% 0.109699%
Eight Mile School	1,194,837	0.205987%
Elgin-New Leipzig School	956,798	0.164950%
Ellendale School	1,704,838	0.293911%
Emerado Elementary School	532,695	0.091836%
Enderlin Area School District	1,798,257	0.310016%
Fairmount School	938,411	0.161780%
Fargo Public Schools	63,192,777	10.894306%
Fessenden-Bowdon School	890,345	0.153494%
Finley-Sharon School	1,089,511	0.187829%
Flasher School	1,051,427	0.181264%
Fordville Lankin School	543,046	0.093620%
Fort Ransom Elem School Fort Totten School	151,858 1,527,893	<u>0.026180%</u> 0.263406%
Fort Yates School	1,016,294	0.175207%
Gackle-Streeter Pub Sch	714,480	0.123175%
Garrison School	2,037,409	0.351245%
Glen Ullin School	988,078	0.170343%
Glenburn School	1,490,810	0.257013%
Goodrich School	276,766	0.047714%
Grafton School	3,993,377	0.688450%
Grand Forks School	41,737,522	7.195464%
Great North West Cooperative	127,950	0.022058%
Grenora School	969,771	0.167187%
Griggs County Central Sch	1,687,790	0.290972%
Gst Educational Services	1,444,577	0.249042%
Halliday School Hankinson School	414,542 1 553 754	0.071466% 0.267864%
Harvey School	1,553,754 2,087,474	0.359876%
Hatton Eielson Psd	1,055,272	0.181927%
Hazelton - Moffit School	764,749	0.131841%
Hazen School	2,578,459	0.444521%
Hebron School	1,090,884	0.188066%



Employer Name	Covered Employee Payroll	Employer's Proportionate Share Allocation
Employer Name Hettinger School	1,534,952	0.264623%
Hillsboro School	2,120,182	0.365515%
Hope School	589,222	0.101581%
Horse Creek Elem. School	34,500	0.005948%
James River Multidistrict Spec Ed Unit	1,132,973	0.195322%
Jamestown School	12,587,748	2.170102%
Kenmare School	1,704,244	0.293808%
Kensal School	374,636	0.064586%
Kidder County School District	2,129,282	0.367084%
Killdeer School	2,322,433	0.400383%
Kindred School	2,927,266	0.504655%
Kulm School	1,025,716	0.176831%
Lake Region Spec Ed	1,676,302	0.288991%
Lakota School	1,137,076	0.196030%
Lamoure School	1,398,670	0.241128%
Langdon Area School	1,954,383	0.336932%
Larimore School	2,067,930	0.356507%
Leeds School	1,000,320	0.172453%
Lewis And Clark School	2,355,419	0.406069%
Lidgerwood School	1,084,728	0.187005%
Linton School	1,579,946	0.272379%
Lisbon School	3,216,870	0.554582%
Litchville-Marion School	806,940	0.139115%
Little Heart Elem. School	93,871	0.016183%
Logan County Lone Tree Elem. School	3,989	0.000688% 0.033479%
Lonetree Spec Ed Unit	194,193 138,100	0.033479%
Maddock School	916,807	0.158056%
Mandan Public Schools	16,362,090	2.820791%
Mandaree School	1,603,025	0.276358%
Manning Elem School	67,756	0.011681%
Manvel Elem. School	734,118	0.126560%
Maple Valley School	1,535,009	0.264632%
Mapleton Elem. School	624,849	0.107723%
Marmarth Elem. School	152,312	0.026258%
Max School	1,064,424	0.183505%
May-Port C-G School	2,419,251	0.417074%
Mcclusky School	730,071	0.125863%
Mckenzie County	52,000	0.008965%
Mckenzie County School	4,451,391	0.767411%
Medina School	915,109	0.157763%
Menoken Elem School	115,900	0.019981%
Midkota	1,000,510	0.172486%
Midway School	1,333,369	0.229870%
Milnor School Minnewaukan School	1,393,821 1,613,737	0.240292% 0.278205%
Minot School	40,092,868	6.911929%
Minto School	1,065,255	0.183648%
Mohall Lansford Sherwood	2,215,188	0.381894%
Montpelier School	658,564	0.113535%
Morton County	25,882	0.004462%
Mott-Regent School	1,438,836	0.248052%
Mt Pleasant School	1,438,971	0.248076%
Munich School	750,564	0.129396%
N Central Area Career And Tech Center	137,820	0.023760%
Napoleon School	1,390,415	0.239705%
Naughton Rural School	65,511	0.011294%
Nd Center For Distance Education	881,057	0.151892%
Nd Dept Of Public Instruction	110,191	0.018997%
Nd School For Blind	641,824	0.110649%
Nd School For Deaf	811,734	0.139941%
Nd United	293,459	0.050592%
Nd Youth Correctional Cnt	1,131,369	0.195046%
Nedrose School	1,301,671	0.224405%
Nelson County	10,607	0.001829%
Nesson School	1,343,679	0.231647%
New England School New Public School	1,087,601 1,995,103	0.187500% 0.343952%
INGW FUDIIC OCHUUI	1,330,103	0.343932%



		Employer's			
	Covered	Proportionate			
Employer Name	Employee Payroll	Share Allocation			
New Rockford Sheyenne School	1,627,943	0.280654%			
New Salem-Almont	1,546,941	0.266689%			
New Town School	3,778,325	0.651376%			
Newburg United District	581,064	0.100174%			
North Border School	2,649,367	0.456746%			
North Sargent School	1,188,780	0.204943%			
North Star	1,428,747	0.246313%			
North Valley Area Career	587,647	0.101309%			
Northern Cass School Dist	2,377,286	0.409839%			
Northern Plains Spec Ed Northwood School	188,004	0.032412% 0.223021%			
Oakes School	1,293,641 1,900,372	0.327620%			
Oberon Elem School	437,642	0.075449%			
Oliver - Mercer Spec Ed	853,576	0.147155%			
Page School	666,813	0.114957%			
Park River Area School District	1,995,232	0.343974%			
Parshall School	1,649,224	0.284323%			
Peace Garden Spec Ed	437,889	0.075491%			
Pembina Spec Ed Coop	167,922	0.028949%			
Pingree - Buchanan School	759,383	0.130916%			
Pleasant Valley Elem	16,653	0.002871%			
Powers Lake School	938,531	0.161801%			
Richardton-Taylor	1,543,307	0.266063%			
Richland School	1,504,994	0.259458%			
Robinson School	70,620	0.012175%			
Rolette County	3,984	0.000687%			
Rolette School	1,027,903	0.177208%			
Roosevelt School	382,597	0.06 <u>5959%</u> 0.027540%			
Roughrider Area Career And Tech Center Roughrider Service Program	159,749 87,133	0.027540%			
Rugby School	2,904,445	0.500720%			
Rural Cass Spec Ed	999,887	0.172379%			
Sargent Central School	1,323,924	0.228242%			
Sawyer School	795,679	0.137173%			
Scranton School	1,001,196	0.172604%			
Se Region Career And Tech	1,257,571	0.216803%			
Selfridge School	785,386	0.135399%			
Sheyenne Valley Area Voc	673,958	0.116189%			
Sheyenne Valley Spec Ed	1,480,286	0.255198%			
Slope County Solen - Cannonball School	22,792	0.003929 <u>%</u> 0.283311%			
Souris Valley Spec Ed	1,643,353 1,464,235	0.252431%			
South Cent. Prairie Sp Ed	92,600	0.015964%			
South Heart School	1,232,757	0.212525%			
South Prairie Elem School	1,191,974	0.205494%			
South Valley Spec Ed	628,490	0.108350%			
Southwest Special Education Unit	60,320	0.010399%			
St. John'S School	2,270,215	0.391381%			
St. Thomas School	634,787	0.109436%			
Stanley School	2,810,250	0.484481%			
Starkweather School	555,020	0.095684%			
Sterling School Strasburg School District	205,087	<u>0.035357%</u> 0.140035%			
Surrey School	812,275 2,134,233	0.367937%			
Sweet Briar Elem School	72,000	0.012413%			
Tgu School District	2,496,437	0.430381%			
Thompson School	1,863,106	0.321196%			
Tioga School	2,345,263	0.404319%			
Turtle Lake-Mercer School	1,205,660	0.207853%			
Twin Buttes Elem. School	440,692	0.075974%			
Underwood School	1,424,552	0.245590%			
United School	2,771,048	0.477723%			
Upper Valley Spec Ed	2,111,013	0.363934%			
Valley - Edinburg School	1,401,830	0.241673%			
Valley City School Velva School	5,824,480	1.004128% 0.399296%			
Wahpeton School	2,316,129 6,234,148	1.074754%			
Ward County	26,031	0.004488%			
	20,001	2.30 1 100 /0			



		Employer's
	Covered	Proportionate
Employer Name	Employee Payroll	<b>Share Allocation</b>
Warwick School	1,522,299	0.262441%
Washburn School	1,428,913	0.246342%
West Fargo School	43,479,882	7.495843%
West River Student Services	577,229	0.099513%
Westhope School	935,687	0.161311%
White Shield School	1,370,831	0.236328%
Williston School	13,883,985	2.393571%
Wilmac Special Education	2,466,035	0.425139%
Wilton School	1,133,768	0.195459%
Wing School	629,112	0.108458%
Wishek School	1,090,646	0.188025%
Wolford School	458,187	0.078990%
Wyndmere School	1,364,980	0.235320%
Yellowstone Elem. School	460,673	0.079419%
Zeeland School	446,642	0.077000%
Grand Totals:	580,053,235	<b>100%</b>



Discount Rate Sensitivity Schedule of Contributions Pension Expense

Net Amortization of Deferred Amounts from Changes in Proportion and

Employer Name	Employer's Proportionate Share Allocation	Net Pension Liability	Covered Employee Payroll	1% Decrease (7.00%)	Current Discount Rate (8.00%)	1% Increase (9.00%)	Statutory Required Contribution	Contributions In Relation to the Statutory Required Contribution	Contribution Deficiency/ (Excess)	Contributions as a Percentage of Covered Employee Payroll	Proportionate Share of Plan Pension Expense	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)
Alexander School	0.143245%	\$ 1,500,954	\$ 830,899	\$ 2,026,566	\$ 1,500,954	\$ 1,058,898	\$ 89,321	\$ (89,321)	\$ -	10.75%	\$ 91,238	\$ -	\$ 91,238
Anamoose School	0.106675%	1,117,765	618,769	1,509,190	1,117,765	788,565	66,517	(66,517)	-	10.75%	67,945	-	67,945
Apple Creek Elem School	0.058350%	611,405	338,460	825,510	611,405	431,336	36,384	(36,384)	-	10.75%	37,165	-	37,165
Ashley School	0.151218%	1,584,497	877,146	2,139,364	1,584,497	1,117,837	94,292	(94,292)		10.75%	96,316		96,316
Bakker Elem School	0.005775% 0.289860%	60,512	33,500	81,702	60,512	42,690	3,601	(3,601)	-	10.75% 10.75%	3,678	-	3,678
Barnes County North Beach School	0.259660%	3,037,219 3,715,223	1,681,343 2,056,674	4,100,809 5,016,241	3,037,219 3,715,223	2,142,709 2,621,030	180,743 221,090	(180,743) (221,090)	-	10.75%	184,622 225,836	-	184,622 225,836
Belcourt School	1.341873%	14,060,450	7,783,579	18,984,216	14,060,450	9,919,419	836,727	(836,727)	_	10.75%	854,687	_	854,687
Belfield Public School	0.219113%	2,295,916	1,270,974	3,099,912	2,295,916	1,619,731	136,628	(136,628)		10.75%	139,561		139,561
Beulah School	0.557416%	5,840,731	3,233,309	7,886,071	5,840,731	4,120,541	347,578	(347,578)	-	10.75%	355,038	-	355,038
Billings Co. School Dist.	0.125937%	1,319,596	730,500	1,781,700	1,319,596	930,954	78,528	(78,528)	-	10.75%	80,214	-	80,214
Bismarck Public Schools	<u>10.642008%</u> 0.005394%	111,509,377	61,729,312	150,558,349	111,509,377	78,668,055	6,635,840	(6,635,840)		<u>10.75%</u> 10.75%	6,778,276	. — <i>-</i>	6,778,276
Bismarck State College Blessed John Paul Ii Catholic Sch Network	0.005394%	56,520 55,241	31,287 30,583	76,312 74,586	56,520 55,241	39,874 38,972	3,363 3,287	(3,363) (3,287)	-	10.75%	3,436 3,358	-	3,436 3,358
Bottineau School	0.606400%	6,353,997	3,517,441	8,579,075	6,353,997	4,482,642	378,122	(378,122)	-	10.75%	386,238	-	386,238
Bowbells School	0.087330%	915,064	506,559	1,235,506	915,064	645,562	54,455	(54,455)	-	10.75%	55,624	-	55,624
Bowman School	0.446199%	4,675,374	2,588,190	6,312,623	4,675,374	3,298,401	278,228	(278,228)		10.75%	284,200	-	284,200
Burke Central School	0.143930%	1,508,131	834,871	2,036,257	1,508,131	1,063,962	89,748	(89,748)	-	10.75%	91,674	-	91,674
Burleigh County Spec. Ed.	0.011624% 0.457261%	121,799 4,791,285	67,427 2,652,356	164,451	121,799	85,927	7,248	(7,248)	-	10.75% 10.75%	7,404	-	7,404
Carrington School Cavalier School	0.340543%	3,568,287	<u> </u>		4,791,285 3,568,287		<u>285,126</u> _ 212,346	<u>(285,126)</u> (212,346)		10.75%	<u>291,246</u> 216,904	. — <u>-</u>	291,246 216,904
Center Stanton School	0.227371%	2,382,445	1,318,874	3,216,743	2,382,445	1,680,776	141,778	(141,778)	_	10.75%	144,821	-	144,821
Central Cass School	0.572150%	5,995,118	3,318,777	8,094,521	5,995,118	4,229,458	356,765	(356,765)	-	10.75%	364,423	-	364,423
Central Elementary School	0.010460%	109,602	60,675	147,983	109,602	77,323	6,522	(6,522)		10.75%	6,662		6,662
Central Valley School	0.209211%	2,192,160	1,213,536	2,959,823	2,192,160	1,546,534	130,454	(130,454)	-	10.75%	133,254	-	133,254
Dakota Prairie School	0.283088%	2,966,260	1,642,062	4,005,002	2,966,260	2,092,649	176,520	(176,520)	-	10.75%	180,309	-	180,309
Devils Lake School Dickinson School	1.710287% 2.595114%	17,920,776 27,192,194	9,920,576 15,053,043	24,196,372 36,714,507	17,920,776 27,192,194	12,642,816 19,183,651	1,066,452 1,618,187	(1,066,452) (1,618,187)	<u>-</u>	10.75% 10.75%	1,089,343 1,652,921	-	1,089,343 1,652,921
Divide School	0.371311%	3,890,681	2,153,799	5,253,141	3,890,681	2,744,812	231,532	(231,532)			236,501	. —	236,501
Drake School	0.091617%	959,984	531,426	1,296,156	959,984	677,253	57,128	(57,128)	-	10.75%	58,354	-	58,354
Drayton School	0.185034%	1,938,828	1,073,296	2,617,778	1,938,828	1,367,812	115,378	(115,378)	-	10.75%	117,855	-	117,855
Dunseith School	0.416792%	4,367,241	2,417,614	<u>5,896,586</u>	4,367,241	3,081,018	259,891	(259,891)		10.75%	265,470		265,470
E Central Ctr Exc Childn	0.129855%	1,360,650	753,226	1,837,130	1,360,650	959,917	80,971	(80,971)	-	10.75%	82,709	-	82,709
Earl Elem. School Edgeley School	0.005258% 0.199896%	55,095 2,094,556	30,500 1,159,504	74,388 2,828,039	55,095 2,094,556	38,868 1,477,675	3,279 124,645	(3,279) (124,645)	-	10.75% 10.75%	3,349 127,321	-	3,349 127,321
Edmore School	0.109699%	1,149,451	636,310	1,551,972	1,149,451	810,919	68,403	(68,403)	- -	10.75%	69,871	- -	69,871
Eight Mile School	0.205987%	2,158,379	1,194,837	2,914,212	2,158,379	1,522,701	128,443	(128,443)		10.75%	131,201	. —	131,201
Elgin-New Leipzig School	0.164950%	1,728,384	956,798	2,333,639	1,728,384	1,219,347	102,855	(102,855)	-	10.75%	105,063	-	105,063
Ellendale School	0.293911%	3,079,666	1,704,838	4,158,121	3,079,666	2,172,655	183,269	(183,269)	-	10.75%	187,202	-	187,202
Emerado Elementary School	0.091836%	962,278	532,695	1,299,254	962,278	678,872	57,264	(57,264)		10.75%	<u>58,494</u>	. <b></b>	58,494
Enderlin Area School District Fairmount School	0.310016% 0.161780%	3,248,418 1,695,168	1,798,257 938,411	4,385,967 2,288,791	3,248,418 1,695,168	2,291,706 1,195,913	193,311 100,878	(193,311) (100,878)	-	10.75% 10.75%	197,460 103,043	-	197,460 103,043
Fargo Public Schools	10.894306%	114,153,013	63,192,777	154,127,748	114,153,013	80,533,097	6,793,160	(6,793,160)	- -	10.75%	6,938,974	- -	6,938,974
Fessenden-Bowdon School	0.153494%	1,608,345	890,345	2,171,564	1,608,345	1,134,661	95,711	(95,711)	-	10.75%	97,766	-	97,766
Finley-Sharon School	0.187829%	1,968,115	1,089,511	2,657,320	1,968,115	1,388,473	117,121	(117,121)		10.75%	119,635	-	119,635
Flasher School	0.181264%	1,899,325	1,051,427	2,564,442	1,899,325	1,339,943	113,027	(113,027)	-	10.75%	115,454	-	115,454
Fort Banaam Flom Sahaal	0.093620%	980,972	543,046	1,324,494	980,972	692,060	58,377	(58,377)	-	10.75%	59,630	-	59,630
Fort Ransom Elem School Fort Totten School	0.026180% 0.263406%	<u>274,320</u> _ 2,760,028	<u>151,858</u> 1,527,893	<u>370,383</u> _ 3,726,550	<u>274,320</u>	<u>193,528</u> _ 1,947,155	16,325 164,247	<u>(16,325)</u> (164,247)	<u> </u>	<u>10.75%</u> 10.75%	<u>16,675</u> 167,773	· — · · · — · · · · · · · · · · · · · ·	<u>16,675</u> 167,773
Fort Yates School	0.263406% 0.175207%	2,760,028 1,835,859	1,527,693 1,016,294	2,478,750	2,760,028 1,835,859	1,295,169	109,251	(109,251)	-	10.75%	111,596	- -	111,596
Gackle-Streeter Pub Sch	0.123175%	1,290,656	714,480	1,742,625	1,290,656	910,537	76,806	(76,806)	-	10.75%	78,455	-	78,455
Garrison School	0.351245%	3,680,425	2,037,409	4,969,256	3,680,425	2,596,480	219,019	(219,019)		10.75%	223,721		223,721
Glen Ullin School	0.170343%	1,784,893	988,078	2,409,936	1,784,893	1,259,213	106,218	(106,218)		10.75%	108,498	-	108,498
Glenburn School	0.257013%	2,693,041	1,490,810	3,636,104	2,693,041	1,899,896	160,261	(160,261)	-	10.75%	163,701	-	163,701
Goodrich School Grafton School	0.047714% 0.688450%	499,958 7,213,735	276,766 3,993,377	675,036 9,739,881	499,958 7,213,735	352,712 5,089,173	29,752 429,284	(29,752) (429,284)	-	10.75% 10.75%	30,391 438,498	-	30,391 438,498
Grand Forks School	7.195464%	75,395,706	41,737,522	101,798,193	75,395,706	53,190,446	4,486,742	. <u>(429,284)</u> (4,486,742)	<u>-</u> -	10.75%	4,583,049 4,583,049	. — <del>-</del>	4,583,049
Great North West Cooperative	0.022058%	231,129	127,950	312,067	231,129	163,058	13,754	(13,754)	-	10.75%	14,050	-	14,050
Grenora School	0.167187%	1,751,823	969,771	2,365,287	1,751,823	1,235,883	104,250	(104,250)	-	10.75%	106,487	-	106,487
Griggs County Central Sch	0.290972%	3,048,871	1,687,790	4,116,541	3,048,871	2,150,929	181,436	(181,436)		10.75%	185,330		185,330
Gst Educational Services	0.249042%	2,609,519	1,444,577	3,523,334	2,609,519	1,840,973	155,291	(155,291)	-	10.75%	158,624	-	158,624
Halliday School Hankinson School	0.071466% 0.267864%	748,837 2,806,740	414,542 1 553 754	1,011,069	748,837 2,806,740	528,292	44,563 167,027	(44,563) (167,027)	-	10.75% 10.75%	45,519 170,612	-	45,519 170,612
Hankinson School Harvey School	0.267864% 0.359876%	2,806,740 3,770,862	1,553,754 2,087,474	3,789,620 5,091,364	2,806,740 3,770,862	1,980,109 2,660,282	167,027 224,401	(167,027) (224,401)	<del>-</del>	10.75%	170,612 229,218	- -	170,612 229,218
Hatton Eielson Psd	0.181927%	1,906,272	1,055,272	2,573,821	1,906,272		113,441	(113,441)			115,876	· — · · · — · · · · · · · · · · · · · ·	115,876
Hazelton - Moffit School	0.131841%	1,381,460	764,749	1,865,227	1,381,460	974,598	82,210	(82,210)	-	10.75%	83,974	-	83,974
Hazen School	0.444521%	4,657,792	2,578,459	6,288,883	4,657,792	3,285,997	277,182	(277,182)	-	10.75%	283,131	-	283,131
Hebron School	0.188066%	1,970,598	1,090,884	2,660,673	1,970,598	1,390,225	117,269	(117,269)	-	10.75%	119,786	-	119,786



Discount Rate Sensitivity Schedule of Contributions Pension Expense

Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between

Employer Name	Employer's Proportionate Share Allocation	Net Pension Liability	Covered Employee Payroll	1% Decrease (7.00%)	Current Discount Rate (8.00%)	1% Increase (9.00%)	Statutory Required Contribution	Contributions In Relation to the Statutory Required Contribution	Contribution Deficiency/ (Excess)	Contributions as a Percentage of Covered Employee Payroll	Proportionate Share of Plan Pension Expense	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)
Hettinger School	0.264623%	2,772,780	1,534,952	3,743,767	2,772,780	1,956,151	165,006	(165,006)	-	10.75%	168,548	-	168,548
Hillsboro School	0.365515%	3,829,949	2,120,182	5,171,142	3,829,949	2,701,967	227,917	(227,917)	-	10.75%	232,810	-	232,810
Hope School Horse Creek Elem. School	0.101581%	1,064,389 62,324	589,222 34,500	1,437,122 84,150	1,064,389 62,324	750,909 43,969	63,341 3 700	(63,341)	-	10.75% 10.75%	64,701 3.788	-	64,701 3.788
James River Multidistrict Spec Ed Unit	0.005948% 0.195322%	<u>62,324</u> 2,046,628	1,132,973	2,763,328	2,046,628	1,443,863	<u>3,709</u> _ 121,793	<u>(3,709)</u> (121,793)		10.75%	<u>3,788</u> 124,408		<u>3,788_</u> 124,408
Jamestown School	2.170102%	22,738,822	12,587,748	30,701,628	22,738,822	16,041,869	1,353,170	(1,353,170)	-	10.75%	1,382,216	-	1,382,216
Kenmare School	0.293808%	3,078,587	1,704,244	4,156,664	3,078,587	2,171,893	183,204	(183,204)	-	10.75%	187,137	-	187,137
Kensal School	0.064586%	676,747	374,636	913,734	676,747	477,434	40,273	(40,273)		10.75%	41,137		41,137
Kidder County School District Killdeer School	0.367084% 0.400383%	3,846,390 4,195,304	2,129,282 2,322,433	5,193,340 5,664,439	3,846,390 4,195,304	2,713,565 2,959,719	228,896 249,659	(228,896) (249,659)	-	10.75% 10.75%	233,809 255,018	-	233,809 255,018
Kindred School	0.504655%	5,287,890	2,927,266	7,139,632	5,287,890	3,730,520	314,678	(314,678)	-	10.75%	321,433	-	321,433
Kulm School	0.176831%	1,852,875	1,025,716	2,501,726	1,852,875	1,307,173	110,263	(110,263)		10.75%	112,630		112,630
Lake Region Spec Ed	0.288991%	3,028,113	1,676,302	4,088,515	3,028,113	2,136,285	180,201	(180,201)	<del>-</del> -	10.75%	184,069		184,069
Lakota School Lamoure School	0.196030% 0.241128%	2,054,047	1,137,076	2,773,344	2,054,047	1,449,097	122,235	(122,235)	-	10.75% 10.75%	124,859	-	124,859
Langdon Area School	0.336932%	2,526,594 3,530,450	1,398,670 1,954,383	3,411,371 4,766,763	2,526,594 3,530,450	1,782,471 2,490,675	150,356 210,094	(150,356) (210,094)	-	10.75%	153,583 214,604	-	153,583 214,604
Larimore School	0.356507%	3,735,561	2,067,930	5,043,701	3,735,561	2,635,378	222,300	(222,300)		10.75%	227,072		227,072
Leeds School	0.172453%	1,807,002	1,000,320	2,439,788	1,807,002	1,274,810	107,533	(107,533)	-	10.75%	109,841	-	109,841
Lewis And Clark School	0.406069%	4,254,883	2,355,419	5,744,882	4,254,883	3,001,751	253,205	(253,205)	-	10.75%	258,640	-	258,640
Lidgerwood School Linton School	<u>0.187005%</u> 0.272379%	1 <u>,959,481</u> 2,854,049	1,084,728 1,570,046	<u>2,645,663</u>	1,959,481 2,854,049	<u>1,382,382</u>	<u>116,607</u> _ 169,842	(116,607)	<u>-</u> -	<u>10.75%</u> 10.75%	119,110	<del>-</del>	<u>119,110</u> 173,488
Lisbon School	0.554582%	2,854,049 5,811,036	1,579,946 3,216,870	3,853,496 7,845,977	2,854,049 5,811,036	2,013,485 4,099,592	345,810	(169,842) (345,810)	-	10.75%	173,488 353,233	-	353,233
Litchville-Marion School	0.139115%	1,457,679	806,940	1,968,137	1,457,679	1,028,369	86,745	(86,745)	-	10.75%	88,607	-	88,607
Little Heart Elem. School	0.016183%	169,569	93,871	228,950	169,569	119,628	10,091	(10,091)		10.75%	10,308		10,308
Logan County	0.000688%	7,209	3,989	9,734	7,209	5,086	429	(429)	<del>-</del> -	10.75%	438		438
Lone Tree Elem. School	0.033479%	350,801	194,193	473,646	350,801	247,484	20,876	(20,876)	-	10.75%	21,324	-	21,324
Lonetree Spec Ed Unit Maddock School	0.023808% 0.158056%	249,466 1,656,147	138,100 916,807	336,825 2,236,105	249,466 1,656,147	175,994 1,168,385	14,846 98,556	(14,846) (98,556)	-	10.75% 10.75%	15,164 100,672	-	15,164 100,672
Mandan Public Schools	2.820791%	29,556,889	16,362,090	39,907,284	29,556,889	20,851,905	1,758,908	(1,758,908)		10.75%	1,796,663		1,796,663
Mandaree School	0.276358%	2,895,742	1,603,025	3,909,789	2,895,742	2,042,899	172,323	(172,323)	-	10.75%	176,022	-	176,022
Manning Elem School	0.011681%	122,396	67,756	165,258	122,396	86,349	7,284	(7,284)	-	10.75%	7,440	-	7,440
Manvel Elem. School	0.126560%	1,326,124	734,118	1,790,514	1,326,124	935,559		(78,917)		10.75%	80,611		80,611
Maple Valley School  Mapleton Elem. School	0.264632% 0.107723%	2,772,874 1,128,746	1,535,009 624,849	3,743,895 1,524,017	2,772,874 1,128,746	1,956,218 796,312	165,012 67,171	(165,012) (67,171)	-	10.75% 10.75%	168,554 68,613	-	168,554 68,613
Marmarth Elem. School	0.026258%	275,137	152,312	371,486	275,137	194,105	16,373	(16,373)	_	10.75%	16,725	-	16,725
Max School	0.183505%	1,922,807	1,064,424	2,596,146	1,922,807	1,356,509	114,425	(114,425)	<u>-</u>	10.75%	116,881		116,881
May-Port C-G School	0.417074%	4,370,196	2,419,251	5,900,576	4,370,196	3,083,102	260,067	(260,067)		10.75%	265,649		265,649
Mcclusky School	0.125863%	1,318,821	730,071	1,780,653	1,318,821	930,407	78,482	(78,482)	-	10.75%	80,167	-	80,167
Mckenzie County Mckenzie County School	0.008965% 0.767411%	93,937 8,041,107	52,000 4,451,391	126,833 10,856,986	93,937 8,041,107	66,271 5,672,870	5,590 478,520	(5,590) (478,520)	-	10.75% 10.75%	5,710 488,792	-	5,710 488,792
Medina School	0.157763%	1,653,077	915,109	2,231,960	1,653,077	1,166,219	98,373	(98,373)		10.75%	100,485		100,485
Menoken Elem School	0.019981%	209,365	115,900	282,682	209,365	147,704	12,459	(12,459)	-	10.75%	12,727	-	12,727
Midkota	0.172486%	1,807,347	1,000,510	2,440,254	1,807,347	1,275,054	107,554	(107,554)	-	10.75%	109,863	-	109,863
Midway School	0.229870%	2,408,630	1,333,369	3,252,098	2,408,630	1,699,249	143,336	(143,336)		10.75%	146,412		146,412
Milnor School Minnewaukan School	0.240292% 0.278205%	2,517,834 2,915,095	1,393,821 1,613,737	3,399,543 3,935,919	2,517,834 2,915,095	1,776,291 2,056,552	149,834 173,475	(149,834) (173,475)	-	10.75% 10.75%	153,051 177,199	-	153,051 177,199
Minot School	6.911929%	72,424,762	40,092,868	97,786,867	72,424,762	51,094,493	4,309,943	(4,309,943)	_	10.75%	4,402,455	-	4,402,455
Minto School	0.183648%	1,924,305	1,065,255	2,598,169	1,924,305	1,357,566	114,514	(114,514)	<u>-</u>	10.75%	116,972		116,972
Mohall Lansford Sherwood	0.381894%	4,001,572	2,215,188	5,402,865	4,001,572	2,823,044	238,131	(238,131)	-	10.75%	243,242	-	243,242
Montpelier School	0.113535%	1,189,646	658,564	1,606,242	1,189,646	839,276	70,795	(70,795)	-	10.75%	72,315	-	72,315
Morton County Mott-Regent School	0.004462% 0.248052%	46,754 2 <u>,5</u> 99,145	25,882 1,438,836	63,126 3,509,328	46,754 2,599,145	32,984 1,833,655	2,782 154,673	(2,782) (154,673)	-	10.75% 10.75%	2,842 157,993	-	2,842 157,993
Mt Pleasant School	0.248076%	2,599,397	1,438,971	3,509,668	2,599,397	1,833,832	154,688	(154,688)		10.75%	158,008		158,008
Munich School	0.129396%	1,355,841	750,564	1,830,636	1,355,841	956,524	80,685	(80,685)	-	10.75%	82,417	-	82,417
N Central Area Career And Tech Center	0.023760%	248,963	137,820	336,146	248,963	175,639	14,816	(14,816)	-	10.75%	15,134	-	15,134
Napoleon School	0.239705%	<u>2,511,683</u>	<u>1,390,415</u>	3,391,239	2,511,683	1,771,952	149,468	(149,468)		10.75%	152,677	<del>-</del>	152,677
Naughton Rural School  Nd Center For Distance Education	0.011294% 0.151892%	118,341 1,591,559	65,511 881,057	159,782 2,148,900	118,341 1,591,559	83,488 1,122,819	7,042 94,712	(7,042) (94,712)	-	10.75% 10.75%	7,194 96,745	-	7,194 96,745
Nd Dept Of Public Instruction	0.131692%	1,591,559	110,191	268,761	1,591,559	1,122,619	11,846	(11,846)	-	10.75%	12,100	-	12,100
Nd School For Blind	0.110649%	1,159,405	641,824	1,565,412	1,159,405	817,942	68,995	(68,995)		10.75%	70,476		70,476
Nd School For Deaf	0.139941%	1,466,334	811,734	1,979,822	1,466,334	1,034,475	87,260	(87,260)	<del></del>	10.75%	89,133		89,133
Nd United	0.050592%	530,114	293,459	715,753	530,114	373,987	31,547	(31,547)	-	10.75%	32,224	-	32,224
Nd Youth Correctional Cnt Nedrose School	0.195046% 0.224405%	2,043,736 2,351,367	1,131,369 1,301,671	2,759,423 3,174,781	2,043,736 2,351,367	1,441,823 1,658,851	121,621 139,928	(121,621) (139,928)	-	10.75% 10.75%	124,232 142,932	-	124,232 142,932
Nelson County	0.001829%	2,351,367 19,165	1,301,671 10,607	25,876		1,658,851 13,520	<u></u>	(1,140)	<del>-</del> -	10.75%	<u>142,932</u> 1,165		1,165
Nesson School	0.231647%	2,427,250	1,343,679	3,277,238	2,427,250	1,712,385	144,444	(144,444)	-	10.75%	147,544	-	147,544
New England School	0.187500%	1,964,668	1,087,601	2,652,666	1,964,668	1,386,041	116,916	(116,916)	-	10.75%	119,425	-	119,425
New Public School	0.343952%	3,604,007	1,995,103	4,866,078	3,604,007	2,542,569	214,472	(214,472)	-	10.75%	219,075	-	219,075



Discount Rate Sensitivity Schedule of Contributions Pension Expense

Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between

Employer Name	Employer's Proportionate Share Allocation	Net Pension Liability	Covered Employee Payroll	1% Decrease (7.00%)	Current Discount Rate (8.00%)	1% Increase (9.00%)	Statutory Required Contribution	Contributions In Relation to the Statutory Required Contribution	Contribution Deficiency/ (Excess)	Contributions as a Percentage of Covered Employee Payroll	Proportionate Share of Plan Pension Expense	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)
New Rockford Sheyenne School	0.280654%	2,940,756	1,627,943	3,970,567	2,940,756	2,074,656	175,002	(175,002)	-	10.75%	178,759	-	178,759
New Salem-Almont	0.266689%	2,794,428	1,546,941	3,772,996	2,794,428	1,971,424	166,294	(166,294)	-	10.75%	169,864	-	169,864
New Town School	0.651376%	6,825,266	3,778,325	9,215,375	6,825,266	4,815,114	406,166	(406,166)	-	10.75%	414,885	-	414,885
Newburg United District	0. <u>100174%</u> _ 0.456746%	1,049,646	<u>581,064</u> 	1,417,217	1,049,646	740,508	62,464	(62,464)		10.75%	63,804	<u>-</u>	63,804
North Border School North Sargent School	0.456746%	4,785,888 2,147,439	2,649,367 1,188,780	6,461,837 2,899,442	4,785,888 2,147,439	3,376,366 1,514,984	284,805 127,793	(284,805) (127,793)	-	10.75% 10.75%	290,918 130,536	-	290,918 130,536
North Star	0.246313%	2,580,924	1,428,747	3,484,726	2,580,924	1,820,800	153,589	(153,589)	-	10.75%	156,886	-	156,886
North Valley Area Career	0.101309%	1,061,539	587,647	1,433,274	1,061,539	748,898	63,171	(63,171)		10.75%	64,527		64,527
Northern Cass School Dist	0.409839%	4,294,386	2,377,286	5,798,218	4,294,386	3,029,620	255,556	(255,556)		10.75%	261,041		261,041
Northern Plains Spec Ed	0.032412%	339,620	188,004	458,550	339,620	239,597	20,211	(20,211)	-	10.75%	20,644	-	20,644
Northwood School Oakes School	0.223021% 0.327620%	2,336,865 3,432,877	1,293,641 1,900,372	3,155,201 4,635,021	2,336,865 3,432,877	1,648,620 2,421,839	139,065 204,288	(139,065) (204,288)	-	10.75% 10.75%	142,050 208,673	-	142,050 208,673
Oberon Elem School	0.075449%	790,572	437,642	1,067,419		<u>2,421,639</u> 557,736	<u>204,288</u> 47,046	(47,046)		10.75%	48,056		<u>-208,673</u> 48,056
Oliver - Mercer Spec Ed	0.147155%	1,541,924	853,576	2,081,883	1,541,924	1,087,802	91,759	(91,759)	-	10.75%	93,728	-	93,728
Page School	0.114957%	1,204,546	666,813	1,626,360	1,204,546	849,787	71,682	(71,682)	-	10.75%	73,220	-	73,220
Park River Area School District	0.343974%	3,604,238	1,995,232	4,866,390	3,604,238	2,542,731	214,485	(214,485)		10.75%	219,089		219,089
Parshall School	0.284323%	2,979,201	1,649,224	4,022,474	2,979,201	2,101,778	177,290	(177,290)	-	10.75%	181,096	-	181,096
Peace Garden Spec Ed Pembina Spec Ed Coop	0.075491% 0.028949%	791,012 303,334	437,889 167,922	1,068,013 409,557	791,012 303,334	558,046 213,997	47,073 18,051	(47,073) (18,051)	-	10.75% 10.75%	48,083 18,439	-	48,083 18,439
Pingree - Buchanan School	0.130916%	1,371,768	759,383	1,852,141	1,371,768	967,760	81,633	(81,633)	-	10.75%	83,385	- -	83,385
Pleasant Valley Elem	0.002871%	30,083	16,653	40,618	30,083	21,223	1,790	(1,790)		10.75%	1,829		1,829
Powers Lake School	0.161801%	1,695,388	938,531	2,289,088	1,695,388	1,196,068	100,891	(100,891)	-	10.75%	103,057	-	103,057
Richardton-Taylor	0.266063%	2,787,869	1,543,307	3,764,140	2,787,869	1,966,796	165,904	(165,904)	-	10.75%	169,465	-	169,465
Richland School	0.259458%	2,718,660	1,504,994	3,670,695	2,718,660	1,917,970	161,785	(161,785)		10.75%	165,258		165,258
Robinson School	0.012175% 0.000687%	127,572 7,199	70,620 3,984	172,246 9,719	127,572 7,199	90,000	7,592	(7,592) (428)	-	10.75% 10.75%	7,755 438	-	7,755 438
Rolette County Rolette School	0.177208%	1,856,826	3,964 1,027,903	2,507,059	1,856,826	5,078 1,309,960	428 110,498	(428) (110,498)	-	10.75%	436 112,870	-	430 112,870
Roosevelt School	0.065959%	691,133	382,597	933,158	691,133	487,583	41,129	(41,129)	-	10.75%	42,012	-	42,012
Roughrider Area Career And Tech Center	0.027540%	288,570	159,749	389,624	288,570	203,582	17,173			10.75%	17,541		17,541
Roughrider Service Program	0.015021%	157,393	87,133	212,510	157,393	111,039	9,366	(9,366)	-	10.75%	9,567	-	9,567
Rugby School	0.500720%	5,246,658	2,904,445	7,083,962	5,246,658	3,701,432	312,225	(312,225)	-	10.75%	318,927	-	318,927
Rural Cass Spec Ed Sargent Central School	0. <u>172379%</u> 0.228242%	<u>1,806,226</u> 2,391,572	<u>999,887</u> 1,323,924	<u>2,438,741</u> 3,229,065	<u>1,806,226</u> 	<u>1,274,263</u> 1,687,215	<u>107,487</u> 142,321	<u>(107,487)</u>		<u>10.75%</u> _ 10.75%	<u>109,794</u> 145,376		<u>109,794</u> 145,376
Sawyer School	0.137173%	1,437,330	795,679	1,940,662	1,437,330	1,014,013	85,534	(85,534)	- -	10.75%	87,370	- -	87,370
Scranton School	0.172604%	1,808,584	1,001,196	2,441,924	1,808,584	1,275,927	107,627	(107,627)	-	10.75%	109,938	-	109,938
Se Region Career And Tech	0.216803%	2,271,711	1,257,571	3,067,231	2,271,711	1,602,655	135,188	(135,188)		10.75%	138,090		138,090
Selfridge School	0.135399%	1,418,741	785,386	1,915,564	1,418,741	1,000,899	84,428	(84,428)		10.75%	86,240		86,240
Sheyenne Valley Area Voc	0.116189%	1,217,455	673,958	1,643,790	1,217,455	858,895	72,450	(72,450)	-	10.75%	74,005	-	74,005
Sheyenne Valley Spec Ed Slope County	0.255198% 0.003929%	2,674,023	1,480,286 22,792	3,610,427 55,586	2,674,023 41,169	1,886,480 29,044	159,129 2,450	(159,129)	-	10.75% 10.75%	162,545 2,503	-	162,545 2,503
Solen - Cannonball School	0.283311%	<u>41,169</u> 2,968,597		4,008,157	2,968,597	<u>29,044</u> 2,094,297	2,450 176,659	(2,450)(176,659)		10.75% 10.75%	180,451	<u>-</u>	<u>2,503_</u> 180,451
Souris Valley Spec Ed	0.252431%	2,645,029	1,464,235	3,571,280	2,645,029	1,866,025	157,404	(157,404)	-	10.75%	160,782	-	160,782
South Cent. Prairie Sp Ed	0.015964%	167,274	92,600	225,852	167,274	118,009	9,954	(9,954)	-	10.75%	10,168	-	10,168
South Heart School	0.212525%	2,226,885	1,232,757	3,006,708	2,226,885	1 <u>,5</u> 71,031	132,520	(132,520)		10.75%	135,365		135,365
South Prairie Elem School	0.205494%	2,153,213	1,191,974	2,907,237	2,153,213	1,519,057	128,136	(128,136)	-	10.75%	130,886	-	130,886
South Valley Spec Ed Southwest Special Education Unit	0.108350% 0.010399%	1,135,316 108,963	628,490 60,320	1,532,887 147,120	1,135,316 108,963	800,947 76,872	67,562 6,484	(67,562) (6,484)	- -	10.75% 10.75%	69,012 6,623	-	69,012 6,623
	0.391381%	4,100,979	2,270,215	5,537,083	4,100,979	2,893,174	244,046	(244,046)	- -	10.75%	249,285	- -	249,285
St. John'S School St. Thomas School	0.109436%	1,146,695	634,787	1,548,251	1,146,695	808,975	68,239	(68,239)		10.75%	69,704		69,704
Stanley School	0.484481%	5,076,502	2,810,250	6,854,220	5,076,502	3,581,390	302,099	(302,099)	-	10.75%	308,583	-	308,583
Starkweather School	0.095684%	1,002,599	555,020	1,353,694	1,002,599	707,317	59,664	(59,664)	-	10.75%	60,945	-	60,945
Sterling School	0.035357%	370,479	205,087	500,215	370,479	<u>261,367</u>	22,047	(22,047)		10.75%	22,520		22,520
Strasburg School District Surrey School	0.140035% 0.367937%	1,467,319 3,855,327	812,275 2,134,233	1,981,152 5,205,407	1,467,319 3,855,327	1,035,169 2,719,871	87,319 229,428	(87,319) (229,428)	- -	10.75% 10.75%	89,193 234,352	-	89,193 234,352
Sweet Briar Elem School	0.012413%	130,066	72,000	175,614	130,066	91,760	7,740	(7,740)	- -	10.75%	7,906	- -	7,906
Tgu School District	0.430381%	4,509,630	2,496,437	6,088,837	4,509,630	3,181,471	268,365	(268,365)	-	10.75%	274,125	-	274,125
Thompson School	0.321196%	3,365,565	1,863,106	4,544,137	3,365,565	2,374,351	200,282	(200,282)		10.75%	204,581		204,581
Tioga School	0.404319%	4,236,546	2,345,263	5,720,124	4,236,546	2,988,815	252,114	(252,114)	-	10.75%	257,525	-	257,525
Turtle Lake-Mercer School	0.207853%	2,177,931	1,205,660	2,940,611	2,177,931	1,536,495	129,607	(129,607)	-	10.75%	132,389	-	132,389
Twin Buttes Elem. School	0.075974%	796,073	440,692	<u>1,074,846</u>	796,073	<u>561,616</u>	47,374	(47,374) (153,139)		10.75%	48,391		48,391
Underwood School United School	0.245590% 0.477723%	2,573,348 5,005,690	1,424,552 2,771,048	3,474,497 6,758,610	2,573,348 5,005,690	1,815,455 3,531,433	153,138 297,885	(153,138) (297,885)	-	10.75% 10.75%	156,425 304,279	-	156,425 304,279
Upper Valley Spec Ed	0.363934%	3,813,383	2,111,013	5,148,775	3,813,383	2,690,280	226,932	(226,932)	-	10.75%	231,803	- -	231,803
Valley - Edinburg School	0.241673%	2,532,305	1,401,830	3,419,081	2,532,305	1,786,500	150,696	(150,696)	-	10.75%	153,930	-	153,930
Valley City School	1.004128%	10,521,481	5,824,480	14,205,952	10,521,481	7,422,734	626,125	(626,125)		10.75%	639,565		639,565
Velva School	0.399296%	4,183,914	2,316,129	5,649,060	4,183,914	2,951,684	248,982	(248,982)	-	10.75%	254,326	-	254,326
Wahpeton School	1.074754%	11,261,517	6,234,148	15,205,137	11,261,517	7,944,817	670,164	(670,164)	-	10.75%	684,549	-	684,549
Ward County	0.004488%	47,026	26,031	63,494	47,026	33,176	2,798	(2,798)	-	10.75%	2,859	-	2,859



**EXHIBIT E** 

Schedule of Pension Amounts by Employer as of June 30, 2014

0.077000%

100%

806,823

1,047,822,708

446,642

580,053,235

1,089,361

1,414,755,068

806,823

1,047,822,708

**Discount Rate Sensitivity Schedule of Contributions Pension Expense Net Amortization of Deferred Amounts** from Changes in **Proportion and Differences Between Contributions In** Contributions as Relation to the a Percentage of **Employer Employer's** Current Contributions and Covered Statutory Statutory Contribution Covered **Proportionate Discount Rate Proportionate Net Pension Employee** 1% Decrease 1% Increase Required Required Deficiency/ **Employee** Share of Plan **Proportionate Share** Total Employer **Share Allocation** Contribution (Excess) of Contributions **Pension Expense Employer Name** Liability Payroll (7.00%)(8.00%) (9.00%)Contribution Payroll **Pension Expense** (13) (1) (3) (5) (6) (10) (11) (2) (4) (7) (8) (9) 0.262441% 167,158 Warwick School 2,749,916 1,522,299 3,712,897 2,749,916 1,940,021 163,645 (163,645)10.75% 167,158 0.246342% 2,581,227 3,485,136 2,581,227 1,821,014 153,607 10.75% 156,904 156,904 Washburn School 1,428,913 (153,607)78,543,146 West Fargo School 7.495843% <mark>43,479,882</mark> 106,047,820 78,543,146 55,410,914 4,674,044 (4,674,044) 10.75% 4,774,371 4,774,371 West River Student Services
Westhope School 1,042,720 1,690,253 577,229 935,687 1,407,865 2,282,156 1,042,720 10.75% 10.75% 63,383 102,745 63,383 102,745 0.099513% (62,051) 735,622 62,051 1,690,253 1,192,446 100,586 0.161311% (100,586)0.236328% 3,343,462 2,476,298 1,746,988 10.75% 150,526 150,526 White Shield School 2,476,298 1,370,831 147,363 (147,363)Williston School 2.393571% 25,080,381 13,883,985 33,863,167 25,080,381 17,693,801 1,492,515 (1,492,515)10.75% 1,524,551 1,524,551 0.425139% 0.195459% 10.75% 10.75% 265,096 121,879 6,014,676 270,786 Wilmac Special Education 4,454,703 2,466,035 4,454,703 3,142,721 (265,096)270,786 Wilton School 2,048,064 1,133,768 2,765,266 2,048,064 1,444,876 (121,879) 124,495 124,495 0.108458% 1,136,448 801,745 67,629 10.75% 69,081 69,081 Wing School 1,136,448 629,112 1,534,415 (67,629)Wishek School 0.188025% 1,970,169 10.75% 1,970,169 1,090,646 2,660,093 1,389,922 117,243 (117,243)119,760 119,760 10.75% 10.75% 0.078990% 827,675 2,465,736 1,117,515 3,329,202 458,187 827,675 49,254 (49,254)50,312 Wolford School 583,911 50,312 146,734 Wyndmere School 0.235320% 1,364,980 (146,734)149,884 1,739,537 149,884 2,465,736 Yellowstone Elem. School 0.079419% 10.75% 50,585 50,585 832,170 460,673 1,123,584 832,170 587,083 49,522 (49,522)

569,201

739,221,903

48,013

62,355,140

(48,013)

(62,355,140)

10.75%

10.75%

49,044

63,693,590

Note: Columns may not foot due to rounding.

Zeeland School

**Grand Totals:** 



20

49,044

63,693,590

# EXHIBIT E (continued) Schedule of Pension Amounts by Employer as of June 30, 2014

		Deferred Outflo	ows of Resources			Defer	red Inflows of Res	sources		Deferred Inf	Deferred Inflows/(Outflows) Recognized In Future Pension Expense (Year Ended June 30):							
	Differences Between		Changes in Proportion and Differences Between Employer Contributions and		Differences Between	Net Difference Between Projected and Actual Investment		Changes in Proportion and Differences Between Employer Contributions and				•	·		,			
	Expected and Actual	Changes of	Proportionate Share of	Total Deferred Outflows of	Expected and Actual	Earnings on Pension Plan	Changes of	Proportionate Share of	Total Deferred Inflows of									
Employer Name	Experience	Assumptions	Contributions	Resources	Experience	Investments	Assumptions	Contributions	Resources	2015	2016	2017	2018	2019	Thereafter			
Alexander Orland	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)			
Alexander School Anamoose School	\$ 11,477 8,547	\$ - -	\$ -	\$ 11,477 8,547	\$ -	\$ 170,512 126,981	\$ - -	\$ -	\$ 170,512 126,981	\$ (40,715) \$ (30,321)	\$ (40,715) (30,321)	\$ (40,715) (30,321)	\$ (40,715) (30,321)	\$ 1,913 1,424	\$ 1,913 1,424			
Apple Creek Elem School	4,675	-	-	4,675	-	69,457	-	-	69,457	(16,585)	(16,585)	(16,585)	(16,585)	779	779			
Ashley School  Bakker Elem School	. <u> </u>	·	<del>-</del>	<u>12,116</u> 463	· <u>-</u>	<u>-180,002</u> 6,874		<del>-</del>	<u>180,002</u> 6,874	. <u> </u>	(42,981) (1,641)	(42,981) (1,641)	(42 <u>,981)</u> (1,641)	2,019 77	2,019 77			
Barnes County North	23,224	-	-	23,224	-	345,035	-	-	345,035	(82,388)	(82,388)	(82,388)	(82,388)	3,871	3,871			
Beach School Belcourt School	28,408 107,511	-	-	28,408 107,511	-	422,058 1,597,300	-	-	422,058 1,597,300	(100,780) (381,406)	(100,780) (381,406)	(100,780) (381,406)	(100,780) (381,406)	4,735 17,918	4,735 17 <u>,</u> 918			
Belfield Public School	17,555			17,555	· —	260,821			260,821	(62,279)	(62,279)	(62,279)	(62,279)	2,926	2,926			
Beulah School Billings Co. School Dist.	44,660 10,090	-	-	44,660 10,090	- -	663,521 149,909	-	-	663,521 149,909	(158,437) (35,796)	(158,437) (35,796)	(158,437) (35,796)	(158,437) (35,796)	7,443 1,682	7,443 1,682			
Bismarck Public Schools	852,639	. <u> </u>		852,639		12,667,724			12,667,724	(3,024,825)	(3,024,825)	(3,024,825)	(3,024,825)	142,106	142,106			
Bismarck State College Blessed John Paul Ii Catholic Sch Network	432 422	-	-	432 422	-	6,421 6,276	-	-	6,421 6,276	(1,533) (1,498)	(1,533) (1,498)	(1,533) (1,498)	(1,533) (1,498)	72 70	72 70			
Bottineau School	48,585	-	-	48,585	-	721,829	-	-	721,829	(172,360)	(172,360)	(172,360)	(172,360)	8,097	8,097			
Bowbells School  Bowman School	. <u>6,997</u> 35,750					<u>103,953</u> 531,133			<u>103,953</u>	<u>(24,822)</u> (126,825)	(24,822) (126,825)	(24,822) (126,825)	(24 <u>,822)</u> (126,825)	<u>1,166</u> 5,958	1,166 5,958			
Burke Central School	11,532	-	-	11,532	-	171,327	-	-	171,327	(40,910)	(40,910)	(40,910)	(40,910)	1,922	1,922			
Burleigh County Spec. Ed.	931 36 636	-	-	931 36 636	-	13,837 544 301	-	-	13,837 544,301	(3,304) (129,969)	(3,304) (129,969)	(3,304) (129,969)	(3,304) (129,969)	155 6,106	155 6 106			
Carrington School Cavalier School	<u>36,636</u> 27,284			<u>36,636</u> 27,284	. —	544,301 405,366			405,366	(96,794)	(96,794)	(96,794)	(96,794)	4,547	6,106 4,547			
Center Stanton School Central Cass School	18,217	-	-	18,217 45,841	-	270,651 681,059	-	-	270,651 681,059	(64,627)	(64,627)	(64,627)	(64,627)	3,036 7,640	3,036 7,640			
Central Cass School Central Elementary School	45,841 838	-	-	838	-	12,451	-	-	12,451	(162,625) (2,973)	(162,625) (2,973)	(162,625) (2,973)	(162,625) (2,973)	7,640 140	140			
Central Valley School	16,762	-		16,762	-	249,035			249,035	(59,465)	(59,465)	(59,465)	(59,465)	2,794	2,794			
Dakota Prairie School Devils Lake School	22,681 137,028	-	-	22,681 137,028	-	336,974 2,035,842	-	-	336,974 2,035,842	(80,463) (486,122)	(80,463) (486,122)	(80,463) (486,122)	(80,463) (486,122)	3,780 22,838	3,780 22,838			
Dickinson School	207,921		<del>-</del>	207,921	<del>-</del>	3,089,096	<del>-</del>	<del>-</del>	3,089,096	(737,621)	(737,621)	(737,621)	(737,621)	34,653	34,653			
Divide School  Drake School	29,749 7,340	-	-	29,749 7,340	-	441,990 109,056	-	-	441,990 109,056	(105,539) (26,041)	(105,539) (26,041)	(105,539) (26,041)	(105,539) (26,041)	4,958 1,223	4,958 1,223			
Drayton School	14,825	-	-	14,825	-	220,255	-	-	220,255	(52,593)	(52,593)	(52,593)	(52,593)	2,471	2,471			
Dunseith School  E Central Ctr Exc Childn	<u>.33,393</u> 	. <u> </u>	<del>-</del>	<u>33,393</u> 10,404	. —	<u>496,129</u> 154,573	<del>-</del>	<u>-</u>	<u>496,129</u> 154,573	(118,467) (36,909)	( <u>118,467)</u> (36,909)	(118,467) (36,909)	(118,467) (36,909)	5,566 1,734	5,566 1,734			
Earl Elem. School	421	-	-	421	-	6,259	-	-	6,259	(1,495)	(1,495)	(1,495)	(1,495)	70	70			
Edgeley School Edmore School	16,016 8,789	-	-	16,016 8,789	-	237,946 130,580	-	-	237,946 130,580	(56,817) (31,180)	(56,817) (31,180)	(56,817) (31,180)	(56,817) (31,180)	2,669 1,465	2,669 1,465			
Eight Mile School	16,504			16,504		245,197			245,197	(58,549)	(58,549)	(58,549)	(58,549)	2,751	2,751			
Elgin-New Leipzig School Ellendale School	13,216 23,548	- -	- -	13,216 23,548	- -	196,348 349,857	- -	- -	196,348 349,857	(46,884) (83,540)	(46,884) (83,540)	(46,884) (83,540)	(46,884) (83,540)	2,203 3,925	2,203 3,925			
Emerado Elementary School	7,358		<del>-</del>	7,358	<del>-</del>	109,317	<del>-</del>		109,317	(26,103)	(26,103)	(26,103)	<u>(26,103)</u>	1,226	1,226			
Enderlin Area School District Fairmount School	24,839 12,962	-	-	24,839 12,962	-	369,028 192,575	-	-	369,028 192,575	(88,117) (45,983)	(88,117) (45,983)	(88,117) (45,983)	(88,117) (45,983)	4,140 2,160	4,140 2,160			
Fargo Public Schools	872,853	-	-	872,853	-	12,968,047	-	-	12,968,047	(3,096,536)	(3,096,536)	(3,096,536)	(3,096,536)	145,475	145,475			
Fessenden-Bowdon School Finley-Sharon School	<u>12,298</u> 15,049	. <u> </u>	<del>-</del>	<u>12,298</u> 15,049	· —	<u>182,712_</u> 223,582	<del>-</del>	<del>-</del>	<u>182,712</u>	(43,628) (53,387)	(43,628) (53,387)	(43,628) (53,387)	<u>(43,628)</u> (53,387)	<u>2,050</u> 2,508	2,050 2,508			
Flasher School	14,523	-	-	14,523	-	215,768	-	-	215,768	(51,521)	(51,521)	(51,521)	(51,521)	2,420	2,420			
Fordville Lankin School Fort Ransom Elem School	7,501 2,098	-	<u>-</u>	7,501 2,098	-	111,441 31,163	-	<u>-</u>	111,441 31,163	(26,610) (7,441)	(26,610) (7,441)	(26,610) (7,441)	(26,610) (7,441)	1,250 350	1,250 350			
Fort Totten School	21,104			21,104		313,546			313,546	(74,869)	(74,869)	(74,869)	(74,869)	3,517	3,517			
Fort Yates School Gackle-Streeter Pub Sch	14,038 9,869	-	-	14,038 9,869	-	208,558 146,621	-	-	208,558 146,621	(49,800) (35,011)	(49,800) (35,011)	(49,800) (35,011)	(49,800) (35,011)	2,340 1,645	2,340 1,645			
Garrison School	28,142	<u>.</u>		28,142		418,105			418,105	(99,836)	(99,836)	(99,836)	(99,836)	4,690	4,690			
Glen Ullin School	13,648	-		13,648	<u>-</u>	202,768			202,768	(48,417)	(48,417)	(48,417)	(48,417)	2,275	2,275			
Glenburn School Goodrich School	20,592 3,823	-	-	20,592 3,823	- -	305,936 56,796	-	-	305,936 56,796	(73,052) (13,562)	(73,052) (13,562)	(73,052) (13,562)	(73,052) (13,562)	3,432 637	3,432 637			
Grafton School	55,159	. <b></b>	<del>-</del>	55,159		819,497	<del>-</del>	<del>-</del>	819,497	(195,681)	(195,681)	(195,681)	(195,681)	9,193	9,193			
Grand Forks School Great North West Cooperative	576,501 1,767	-	-	576,501 1,767	-	8,565,127 26,257	-	-	8,565,127 26,257	(2,045,198) (6,270)	(2,045,198) (6,270)	(2,045,198) (6,270)	(2,045,198) (6,270)	96,084 295	96,084 295			
Grenora School	13,395	-	-	13,395	-	199,011	-	-	199,011	(47,520)	(47,520)	(47,520)	(47,520)	2,233	2,233			
Griggs County Central Sch Gst Educational Services	<u>23,313</u> 19,953	·	<del>-</del>	<u>23,313</u> 19,953	· <u>-</u>	<u>346,359</u> 296,447	<del>-</del>	<u>-</u>	<u>346,359</u>	. <u> </u>	. <u>(82,704)</u> (70,786)	(82,704) (70,786)	(82,704) (70,786)	3,885 3,326	3,885 3,326			
Halliday School	5,726	-	-	5,726	-	85,070	-	-	85,070	(20,313)	(20,313)	(20,313)	(20,313)	954	954			
Hankinson School Harvey School	21,461 28,833	-	-	21,461 28,833	-	318,852 428,379	-	-	318,852 428,379	(76,136) (102,289)	(76,136) (102,289)	(76,136) (102,289)	(76,136) (102,289)	3,577 4,806	3,577 4,806			
Hatton Eielson Psd	14,576			14,576		216,557			216,557	(51,710)	(51,710)	(51,710)	(51,710)	2,429	2,429			
Hazelton - Moffit School Hazen School	10,563 35,615	-	- -	10,563 35,615	-	156,937 529,136	-	-	156,937 529,136	(37,474) (126,348)	(37,474) (126,348)	(37,474) (126,348)	(37,474) (126,348)	1,761 5,936	1,761 5,936			
Hebron School	15,068	-	-	15,068	-	223,865	-	-	223,865	(53,455)	(53,455)	(53,455)	(53,455)	2,511	2,511			



### EXHIBIT E (continued)

### Schedule of Pension Amounts by Employer as of June 30, 2014

		Deferred Outfle	ows of Resources			Deferi	red Inflows of Reso	ources		Deferred Inflows/(Outflows) Recognized In Future Pension Expense (Year Ended June 30):							
	Differences		Changes in Proportion and Differences Between Employer Contributions		Differences	Net Difference Between Projected and Actual		Changes in Proportion and Differences Between Employer Contributions				-	·	·			
	Between Expected and		and Proportionate	Total Deferred	Between Expected and	Investment Earnings on		and Proportionate	Total Deferred								
Employer Name	Actual Experience	Changes of Assumptions	Share of Contributions	Outflows of Resources	Actual Experience	Pension Plan Investments	Changes of Assumptions	Share of Contributions	Inflows of Resources	2015	2016	2017	2018	2019	Thereafter		
Employer Name	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)		
Hettinger School	21,202	-	-	21,202	-	314,994	-	-	314,994	(75,215)	(75,215)	(75,215)	(75,215)	3,534	3,534		
Hillsboro School	29,285	-	-	29,285	-	435,091	-	-	435,091	(103,892)	(103,892)	(103,892)	(103,892)	4,881	4,881		
Hope School Horse Creek Elem. School	8,139 477	-	-	8,139 477	-	120,917 7,080	-	-	120,917 7,080	(28,873) (1,691)	(28,873) (1,691)	(28,873) (1,691)	(28,873) (1,691)	1,356 79	1,356 		
James River Multidistrict Spec Ed Unit	15,649			15,649		232,502			232,502	(55,517)	(55,517)	(55,517)	(55,517)	2,608	2,608		
Jamestown School Kenmare School	173,869 23,540	-	-	173,869 23,540	-	2,583,183 349,735	-	-	2,583,183 349,735	(616,818) (83,510)	(616,818) (83,510)	(616,818) (83,510)	(616,818) (83,510)	28,978 3,923	28,978 3,923		
Kensal School	5,175	-	-	5,175	-	76,880	-	- -	76,880	(18,358)	(18,358)	(18,358)	(18,358)	3,923 862	862		
Kidder County School District	29,411	-	-	29,411	-	436,959	-	-	436,959	(104,338)	(104,338)	(104,338)	(104,338)	4,902	4,902		
Killdeer School Kindred School	32,079 40,433	-	-	32,079 40,433	-	476,596 600,717	-	-	476,596 600,717	(113,803) (143,440)	(113,803) (143,440)	(113,803) (143,440)	(113,803) (143,440)	5,346 6,739	5,346 6,739		
Kulm School	14,168			14,168		210,491	<u>-</u>		210,491	(50,261)	(50,261)	(50,261)	(50,261)	2,361	2,361		
Lake Region Spec Ed Lakota School	23,154 15,706	-	-	23,154 15,706	-	344,001 233,344	-	-	344,001	(82,141)	(82,141)	(82,141)	(82,141)	3,859 2,618	3,859 2,618		
Lamoure School	19,319	-	-	19,319	-	233,344 287,027	-	-	233,344 287,027	(55,718) (68,537)	(55,718) (68,537)	(55,718) (68,537)	(55,718) (68,537)	3,220	3,220		
Langdon Area School	26,995	<b></b>	<del>-</del>	26,995		401,067	. <u> </u>	<del>_</del>	401,067	(95,768)	(95,768)	(95,768)	(95,768)	4,499	4,499		
Larimore School Leeds School	28,563 13,817	-	-	28,563 13,817	-	424,368 205,280	-	-	424,368 205,280	(101,332) (49,017)	(101,332) (49,017)	(101,332) (49,017)	(101,332) (49,017)	4,761 2,303	4,761 2,303		
Lewis And Clark School	32,534	-	-	32,534	-	483,365	-	-	483,365	(115,419)	(115,419)	(115,419)	(115,419)	5,422	5,422		
Lidgerwood School	14,983	<b></b>		14,983		222,602	<b>_</b>		222,602	(53,153)	(53,153)	(53,153)	(53,153)	<u>2,497</u>	2,497		
Linton School Lisbon School	21,823 44,433	- -	- -	21,823 44,433	-	324,227 660,147	-	-	324,227 660,147	(77,419) (157,631)	(77,419) (157,631)	(77,419) (157,631)	(77,419) (157,631)	3,637 7,406	3,637 7,406		
Litchville-Marion School	11,146	-	-	11,146	-	165,596	-	-	165,596	(39,541)	(39,541)	(39,541)	(39,541)	1,858	1,858		
Little Heart Elem. School	1,297	<del>-</del>		1,2 <u>97</u>		19,263	<del>_</del>		19,263	(4,600) (400)	<u>(4,600)</u>	(4,600)	(4,600)	216	216		
Logan County Lone Tree Elem. School	55 2,682	-	-	55 2,682	-	819 39,852	-	-	819 39,852	(196) (9,516)	(196) (9,516)	(196) (9,516)	(196) (9,516)	9 447	9 447		
Lonetree Spec Ed Unit	1,907	-	-	1,907	-	28,340	-	-	28,340	(6,767)	(6,767)	(6,767)	(6,767)	318	318		
Maddock School  Mandan Public Schools	<u>12,663</u> 226,002			<u> 12,663</u>		<u>188,142</u> 3,357,731			<u>188,142</u> 3,357,731	(44,925)	(44,925) (801,766)	(44,925 <u>)</u> (801,766)	(44,925)	2,111 37,667	2,111 37,667		
Mandaree School	22,142	-	- -	226,002 22,142	-	328,963	-	-	328,963	(801,766) (78,550)	(78,550)	(78,550)	(801,766) (78,550)	3,690	3,690		
Manning Elem School	936	-	-	936	-	13,904	-	-	13,904	(3,320)	(3,320)	(3,320)	(3,320)	156	156		
Manvel Elem. School  Maple Valley School		<del>-</del>		<u>10,140</u> 21,202	<u>-</u>	<u>150,651</u> 315,005	<del>_</del>	<u>-</u>	<u>150,651</u> 315,005	(35,973) (75,218)	<u>(35,973)</u> (75,218)	(35,973) (75,218)	(35,973) (75,218)	1,690 3,534	1,690 3,534		
Mapleton Elem. School	8,631	-	-	8,631	-	128,228	-	-	128,228	(30,619)	(30,619)	(30,619)	(30,619)	1,438	1,438		
Marmarth Elem. School	2,104	-	-	2,104	-	31,256	-	-	31,256	(7,463)	(7,463)	(7,463)	(7,463)	351	351		
Max School  May-Port C-G School	<u>-14,702</u> -33,416	<del>-</del>		<u>14,702</u> 33,416	<u>-</u>	218,435 496,464	<del>-</del>	<del>_</del>	<u>218,435</u> 496,464	<u>(52,158)</u> (118,547)	<u>(52,158)</u> (118,547)	(52,158) (118,547)	(52,158) (118,547)	2,450 5,569	2,450 5,569		
Mcclusky School	10,084	-	-	10,084	-	149,821	-	-	149,821	(35,775)	(35,775)	(35,775)	(35,775)	1,681	1,681		
Mckenzie County Mckenzie County School	718 61,485	-	-	718 61,485	-	10,671 913,488	-	-	10,671 913,488	(2,548) (218,125)	(2,548) (218,125)	(2,548)	(2,548) (218,125)	120 10,248	120		
Medina School	12,640	<del>-</del>	<del>-</del> ·	12,640	. — —	187,793	·	<u>-</u>	<u>913,466</u> 187,793	(216,125) (44,842)	(216,125) (44,842)	(21 <u>8,125)</u> (44,842)	( <u>216,125)</u> (44,842)	<u>10,246</u> 2,107	10 <u>,248</u> 2,107		
Menoken Elem School	1,601	-	-	1,601	-	23,784	-	-	23,784	(5,679)	(5,679)	(5,679)	(5,679)	267	267		
Midkota Midway School	13,820 18,417	-	-	13,820 18,417	-	205,319 273,626	-	-	205,319 273,626	(49,026) (65,337)	(49,026) (65,337)	(49,026) (65,337)	(49,026) (65,337)	2,303 3,070	2,303 3,070		
Milnor School	19,252			19,252		286,032	· - —		<u>286,032</u>	(68,299)	(68,299)	(68,299)	(68,299)	3,209	3,209		
Minnewaukan School	22,290	-	-	22,290	-	331,162	-	-	331,162	(79,075)	(79,075)	(79,075)	(79,075)	3,715	3,715		
Minot School Minto School	553,785 14,714	-	-	553,785 14,714	-	8,227,621 218,606	-	-	8,227,621 218,606	(1,964,608) (52,199)	(1,964,608) (52,199)	(1,964,608) (52,199)	(1,964,608) (52,199)	92,297 2,452	92,297 2,452		
Mohall Lansford Sherwood	30,597			30,597		454,588			454,588	(108,547)	(108,547)	(108,547)	(108,547)	5,100	5,100		
Montpelier School  Morton County	9,096 357	-	-	9,096 357	-	135,146 5,311	-	-	135,146 5,311	(32,271) (1,268)	(32,271) (1,268)	(32,271) (1,268)	(32,271) (1,268)	1,516 60	1,516 60		
Mott-Regent School	19,874	-	- -	19,874	-	295,269	-	-	295,269	(70,505)	(70,505)	(70,505)	(70 <u>,505)</u>	3,312	3,312		
Mt Pleasant School	19,876			19,876		295,297			295,297	(70,512)	(70,512)	(70,512)	(70,512)	3,313	3,313		
Munich School  N Central Area Career And Tech Center	10,367 1,904	-	-	10,367 1,904	-	154,027 28,283	-	-	154,027 28,283	(36,779) (6,753)	(36,779) (6,753)	(36,779) (6,753)	(36,779) (6,753)	1,728 317	1,728 317		
Napoleon School	19,205			19,205		285,333			285,333	(68,132)	(68,132)	(68,132)	(68,132)	3,201	3,201		
Naughton Rural School	905	-		905		13,444		<del>_</del>	13,444	(3,210)	(3,210)	(3,210)	(3,210)	151	151		
Nd Center For Distance Education  Nd Dept Of Public Instruction	12,170 1,522	-	-	12,170 1,522	-	180,805 22,613	-	-	180,805 22,613	(43,173) (5,400)	(43,173) (5,400)	(43,173) (5,400)	(43,173) (5,400)	2,028 254	2,028 254		
Nd School For Blind	8,865			8,865	<u>-</u>	131,711	<u>-</u> <u>-</u>	<del>_</del>	131,711	(31,450)	(31,450)	(31,450)	(31,450)	1,478	1,478		
Nd School For Deaf Nd United	11,212 4,053	-	-	11,212	-	166,579 60,222	-	-	166,579	(39,776)	(39,776)	(39,776)	(39,776)	1,869	1,869		
Nd Youth Correctional Cnt	4,053 15,627	-	-	4,053 15,627	-	60,222 232,173	-	-	60,222 232,173	(14,380) (55,439)	(14,380) (55,439)	(14,380) (55,439)	(14,380) (55,439)	676 2,605	676 2,605		
Nedrose School	17,979	<b></b>		17,979	. <b></b>	267,121	. <u> </u>	<del>_</del>	267,121	(63,784)	(63,784)	(63,784)	(63,784)	2,997	2,997		
Nelson County Nesson School	147 18,560	<u>-</u>	<u>-</u>	147 18,560	<u>-</u> -	2,177 275,741	<u>-</u>	<u>-</u>	2,177 275,741	(520) (65,842)	(520) (65,842)	(520) (65,842)	(520) (65,842)	24 3,093	24 3,093		
New England School	15,023	- -	- -	15,023	- -	223,191	- -	- -	223,191	(53,294)	(53,294)	(53,294)	(53,294)	2,504	2,504		
New Public School	27,557	-	-	27,557	-	409,424	-	-	409,424	(97,763)	(97,763)	(97,763)	(97,763)	4,593	4,593		



# EXHIBIT E (continued) Schedule of Pension Amounts by Employer as of June 30, 2014

		Deferred Outflo	ows of Resources			Defer	red Inflows of Reso	ources		Deferred Inflows/(Outflows) Recognized In Future Pension Expense (Year Ended June 30):							
	Difference		Changes in Proportion and Differences Between Employer		Difference of	Net Difference Between Projected and		Changes in Proportion and Differences Between Employer				-			·		
	Differences Between Expected and		Contributions and Proportionate	Total Deferred	Differences Between Expected and	Actual Investment Earnings on		Contributions and Proportionate	Total Deferred								
Employer Name	Actual Experience	Changes of Assumptions	Share of Contributions	Outflows of Resources	Actual Experience	Pension Plan Investments	Changes of Assumptions	Share of Contributions	Inflows of Resources	2015	2016	2017	2018	2019	Thereafter		
Employer Name	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)		
New Rockford Sheyenne School	22,486	-	-	22,486	-	334,077	-		334,077	(79,772)	(79,772)	(79,772)	(79,772)	3,748	3,748		
New Salem-Almont	21,367	-	-	21,367	-	317,453	-	-	317,453	(75,802)	(75,802)	(75,802)	(75,802)	3,561	3,561		
New Town School  Newburg United District	52,188 8,026	-	-	52,188 8,026	-	775,366 119,242	-	-	775,366 119,242	(185,143) (28,473)	(185,143) (28,473)	(185,143) (28,473)	(185,143) (28,473)	8,698 1,338	8,698 1,338		
North Border School	36,595			36,595		543,688			543,688	(129,823)	(129,823)	(129,823)	(129,823)	6,099	6,099		
North Sargent School North Star	16,420 19,735	-	-	16,420 19,735	-	243,954 293,199	-	-	243,954 293,199	(58,252) (70,011)	(58,252) (70,011)	(58,252) (70,011)	(58,252) (70,011)	2,737 3,289	2,737 3,289		
North Valley Area Career	8,117	<u> </u>				120,593	. <u> </u>		120,593	(28,796)	(28,796)	(28,796)	(28,796)	1,353	1,353_		
Northern Cass School Dist Northern Plains Spec Ed	32,836 2,597	-	-	32,836 2,597	-	487,852 38,582	-	-	487,852 38,582	(116,490) (9,213)	(116,490) (9,213)	(116,490) (9,213)	(116,490) (9,213)	5,473 433	5,473 433		
Northwood School	17,868	-	-	17,868	-	265,473	-	-	265,473	(63,390)	(63,390)	(63,390)	(63,390)	2,978	2,978		
Oakes School Oberon Elem School	26,249	. <u> </u>		26,249		389,983	. <u> </u>	<del>_</del>	389,983	(93,121)	(93,121)	(93,121)	(93,121)	4,375	4,375		
Oberon Elem School Oliver - Mercer Spec Ed	6,045 11,790	-	- -	6,045 11,790	- -	89,811 175,166	-	-	89,811 175,166	(21,445) (41,827)	(21,445) (41,827)	(21,445) (41,827)	(21,445) (41,827)	1,007 1,965	1,007 1,965		
Page School	9,210	-	-	9,210	-	136,839	-	-	136,839	(32,675)	(32,675)	(32,675)	(32,675)	1,535	1,535		
Park River Area School District Parshall School	<u>27,559</u> 22,780			27,559 22,780		<u>409,450</u> 338,444	. <u> </u>			(97,769) (80,814)	(97,769)	(97,769)	(97,769) (80,814)	4,593 3,797	4,593 3,797		
Peace Garden Spec Ed	6,048	-	-	6,048	- -	89,861	-	- -	89,861	(21,457)	(80,814) (21,457)	(80,814) (21,457)	(21,457)	1,008	1,008		
Pembina Spec Ed Coop	2,319	-	-	2,319	-	34,459	-	-	34,459	(8,228)	(8,228)	(8,228)	(8,228)	387	387		
Pingree - Buchanan School Pleasant Valley Elem	<u>10,489</u> 230	<del>-</del>		<u>10,489</u> 230		<u>155,836</u> 3,417	. <u> </u>	<u>_</u>	<u>155,836</u> 3,417	(3 <u>7,211)</u> (816)	(37 <u>,211)</u> (816)	(37,211) (816)	(37 <u>,211)</u> (816)	<u>1,748</u> 38	1,7 <u>48</u> 38		
Powers Lake School	12,964	-	-	12,964	-	192,600	-	-	192,600	(45,989)	(45,989)	(45,989)	(45,989)	2,161	2,161		
Richardton-Taylor Richland School	21,317 20,788	-	-	21,317 20,788	-	316,708 308,846	-	-	316,708 308,846	(75,624) (73,747)	(75,624) (73,747)	(75,624) (73,747)	(75,624) (73,747)	3,553 3,465	3,553 3,465		
Robinson School	<u>20,766</u> 975	· <del>-</del>		<u></u>	<u>-</u> -	14,493	· <del>-</del>	<del>-</del>	<u></u>	(3,461)	(3,461) (3,747) - (3,461)	(7 <u>3,747)</u> (3,461)	(3,461) (3,747)	163	3,4 <u>65</u> 163		
Rolette County	55	-	-	55	-	818	-	-	818	(195)	(195)	(195)	(195)	9	9		
Rolette School Roosevelt School	14,198 5,285	-	-	14,198 5,285	-	210,940 78,514	-	-	210,940 78,514	(50,369) (18,748)	(50,369) (18,748)	(50,369) (18,748)	(50,369) (18,748)	2,366 881	2,366 881		
Roughrider Area Career And Tech Center	2,207			2,207		32,782			32,782	(7,828)	(7,828)	(7,828)	(7,828)	368	368		
Roughrider Service Program Rugby School	1,203 40,118	-	-	1,203 40,118	-	17,880 596,033	-	-	17,880 596,033	(4,269) (142,322)	(4,269) (142,322)	(4,269) (142,322)	(4,269) (142,322)	201 6,686	201 6,686		
Rural Cass Spec Ed	13,811	-	-	13,811	- -	205,192	-	-	205,192	(48,996)	(48,996)	(48,996)	(48,996)	2,302	2,302		
Sargent Central School	18,287	-	-	18,287		271,688	-	-	271,688	(64,874)	(64,874)	(64,874)	(64,874)	3,048	3,048		
Sawyer School Scranton School	10,990 13,829	-	-	10,990 13,829	-	163,284 205,459	-	-	163,284 205,459	(38,989) (49,060)	(38,989) (49,060)	(38,989) (49,060)	(38,989) (49,060)	1,832 2,305	1,832 2,305		
Se Region Career And Tech	17,370	. <u> </u>		17,370		258,072	. <u> </u>		258,072	(61,623)	(61,623)	<u>(61,623)</u>	(61,623)	2,895	2,895		
Selfridge School Sheyenne Valley Area Voc	10,848 9,309	-	-	10,848 9,309	-	161,172 138,306	-	-	161,172 138,306	(38,485) (33,025)	(38,485) (33,025)	(38,485) (33,025)	(38,485) (33,025)	1,808 1,552	1,808 1,552		
Sheyenne Valley Spec Ed	20,446	-	-	20,446	-	303,775	-	-	303,775	(33,023)	(72,536)	(72,536)	(72,536)	3,408	3,408		
Slope County	315			315		4,677			4,677	(1,117)	(1,117)	(1,117)	(1,117)	52	52		
Solen - Cannonball School Souris Valley Spec Ed	22,699 20,225	-	-	22,699 20,225	-	337,240 300,481	-	-	337,240 300,481	(80,527) (71,750)	(80,527) (71,750)	(80,527) (71,750)	(80,527) (71,750)	3,783 3,371	3,783 3,371		
South Cent. Prairie Sp Ed	1,279	-	-	1,279	-	19,003	-	-	19,003	(4,538)	(4,538)	(4,538)	(4,538)	213	213		
South Heart School South Prairie Elem School	<u>17,028</u> 16,464	. <u> </u>		<u>17,028</u> 16,464		<u>252,979</u> 244,610			<u>252,979</u> 244,610	(60,407) (58,408)	(60,4 <u>07)</u> (58,408)	(60,407) (58,408)	(60,407) (58,408)	2,838 2,744	2,838 2,744		
South Valley Spec Ed	8,681	-	-	8,681	-	128,975	-	-	128,975	(30,797)	(30,797)	(30,797)	(30,797)	1,447	1,447		
Southwest Special Education Unit	833	-	-	833	-	12,378	-	-	12,378	(2,956)	(2,956)	(2,956)	(2,956)	139	139		
St. John'S SchoolSt. Thomas School	. <u> </u>	<del></del> <del></del>		<u>31,357</u> 8,768	<u>-</u>	<u>465,881</u> 130,267	<del>_</del>	<del>-</del>		(111,244) (31,105)	( <u>111,244)</u> (31,105)	(111,244) (31,105)	(111,244) (31,105)	5,226 1,461	5,226 1,461		
Stanley School	38,817	-	-	38,817	-	576,702	-	-	576,702	(137,706)	(137,706)	(137,706)	(137,706)	6,469	6,469		
Starkweather School Sterling School	7,666 2,833	-	-	7,666 2,833	-	113,898 42,087	-	-	113,898 42,087	(27,197) (10,050)	(27,197) (10,050)	(27,197) (10,050)	(27,197) (10,050)	1,278 472	1,278 472		
Strasburg School District	11,220			11,220		166,691	· - <b></b>		166,691	(39,803)	(39,803)	(39,803)	(39,803)	1,870	1,870		
Surrey School	29,479	-	-	29,479	-	437,974	-	-	437,974	(104,580)	(104,580)	(104,580)	(104,580)	4,913	4,913		
Sweet Briar Elem School Tgu School District	995 34,482	-	-	995 34,482	-	14,776 512,304	-	-	14,776 512,304	(3,528) (122,329)	(3,528) (122,329)	(3,528) (122,329)	(3,528) (122,329)	166 5,747	166 5,747		
Thompson School	25,734			25,734		382,336			382,336	(91,295)	(91,295)	(91,295)	(91,295)	4,289	4,289		
Tioga School Turtle Lake-Mercer School	32,394 16,653	<u>-</u>	<u>-</u>	32,394 16,653	<u>-</u>	481,281 247,418	<u>-</u>	-	481,281 247,418	(114,921) (59,079)	(114,921) (59,079)	(114,921) (59,079)	(114,921) (59,079)	5,399 2,776	5,399 2,776		
Twin Buttes Elem. School	6,087	- 	- 	6,087 6,	- 	90,436	- 	- 	90,436	(21,594)	(21,594)	(21,594)	(21,594)	2,776 1,015	1,015		
Underwood School	19,677			19,677	<del></del>	292,338		<del></del>	292,338	(69,805)	(69,805)	(69,805)	(69,805)	3,279	3,279		
United School Upper Valley Spec Ed	38,275 29,158	-	-	38,275 29,158	-	568,658 433,209	-	-	568,658 433,209	(135,785) (103,443)	(135,785) (103,443)	(135,785) (103,443)	(135,785) (103,443)	6,379 4,860	6,379 4,860		
Valley - Edinburg School	19,363	<u> </u>		19,363		287,676	. <u> </u>	<del>_</del>	287,676	(68,692)	(68,692)	(68,692)	(68,692)	3,227	3,227		
Valley City School Velva School	80,451 31,992	-	-	80,451 31,992	-	1,195,265 475,302	-	-	1,195,265 475,302	(285,408) (113,494)	(285,408) (113,494)	(285,408) (113,494)	(285,408) (113,494)	13,408 5,332	13,408 5,332		
Wahpeton School	86,109	-	-	86,109	-	1,279,334	-	-	1,279,334	(305,482)	(305,482)	(305,482)	(305,482)	14,352	14,352		
Ward County	360	-	-	360	-	5,342	-	-	5,342	(1,276)	(1,276)	(1,276)	(1,276)	60	60		



# EXHIBIT E (continued) Schedule of Pension Amounts by Employer as of June 30, 2014

-		<b>Deferred Outfle</b>	ows of Resources			Defer	Deferred Inflows/(Outflows) Recognized In Future Pension Expense (Year Ended June 30):								
Employer Name	Differences Between Expected and Actual Experience	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	2015	2016	2017	2018	2019	Thereafter
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
Warwick School	21,027	. , -	· , ,	21,027	` _	312,397	. ,	-	312,397	(74,595)	(74,595)	(74,595)	(74,595)	3,504	3,504
Washburn School	19,737	-	-	19.737		293,233	-	_	293,233	(70,019)	(70,019)	(70,019)	(70,019)	3,289	3,289
West Fargo School	600,568	_		600,568	←	8,922,684	<u>-</u>	_	8,922,684	(2,130,576)	(2,130,576)	(2,130,576)	(2,130,576)	100,095	100,095
West River Student Services	7,973	-	-	7.973	-	118,455	-	<del>-</del>	118,455	(28,285)	(28,285)	(28,285)	(28,285)	1,329	1,329
Westhope School	12,924			12,924		192,017				(45,850)	(45,850)	(45,850)	(45,850)	2,154	2,154
White Shield School	18,935	-	-	18,935	-	281,313	-	-	281,313	(67,173)	(67,173)	(67,173)	(67,173)	3,156	3,156
Williston School	191,773	-	-	191,773	-	2,849,189	-	-	2,849,189	(680,335)	(680,335)	(680,335)	(680,335)	31,962	31,962
Wilmac Special Education	34,062	-	-	34,062	-	506,065	-	-	506,065	(120,839)	(120,839)	(120,839)	(120,839)	5,677	<u>5,677</u>
Wilton School	15,660	-	-	15,660	-	232,665		-	232,665	(55,556)	(55,556)	(55,556)	(55,556)	2,610	2,610
Wing School	8,690	-	-	8,690	-	129,103	-	-	129,103	(30,827)	(30,827)	(30,827)	(30,827)	1,448	1,448
Wishek School	15,065	-	-	15,065	-	223,816	-	-	223,816	(53,443)	(53,443)	(53,443)	(53,443)	2,511	2,511
Wolford School	6,329			6,329		94,026			94,026	(22,452)	(22,452)	(22,452)	(22,452)	1,055	1,055
Wyndmere School	18,854		-	18,854		280,113		-	280,113	(66,886)	(66,886)	(66,886)	(66,886)	3,142	3,142
Yellowstone Elem. School	6,363	-	-	6,363	-	94,536	-	-	94,536	(22,574)	(22,574)	(22,574)	(22,574)	1,061	1,061
Zeeland School	6,169	-	-	6,169	-	91,657	-	-	91,657	(21,886)	(21,886)	(21,886)	(21,886)	1,028	1,028
Grand Totals:	8,012,012	-	-	<b>8,012,012</b>	-	119,035,086	-	-	119,035,086	(28,423,437)	(28,423,437)	(28,423,437)	(28,423,437)	1,335,339	1,335,339

Note: Columns may not foot due to rounding.

