

**NORTH DAKOTA PUBLIC EMPLOYEES
RETIREMENT SYSTEM**

**SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
AMOUNTS BY EMPLOYER**

YEAR ENDED JUNE 30, 2018

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
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INDEPENDENT AUDITORS' REPORT

Governor Doug Burgum
The Legislative Assembly

Scott Miller, Executive Director
North Dakota Public Employees Retirement System
Bismarck, North Dakota

Report on the Financial Statements

We have audited the accompanying schedules of employer allocations of the Public Employees Retirement System, the Highway Patrolmen's Retirement System, and the Retirement Plan for Employees of Job Services North Dakota (the Plans), as administered by the North Dakota Public Employees Retirement System (the System), a department of the State of North Dakota, as of and for the year ended June 30, 2018, and the related notes.

We have also audited the total for all entities of the columns titled net pension liability (asset), total deferred outflows of resources, total deferred inflows of resources, and total employer pension expense as of and for the year ended June 30, 2018 (specified column totals), included in the accompanying schedules of pension amounts by employer of the Plans, and the related notes.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these schedules in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the schedules that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on the schedules of employer allocations and the specified column totals included in the schedules of pension amounts by employer based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the schedules of employer allocations and the specified column totals included in the schedules of pension amounts by employer are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the schedules of employer allocations and the specified column totals included in the schedules of pension amounts by employer.

The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the schedules of employer allocations and the specified column totals included in the schedules of pension amounts by employer, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the schedules of employer allocations and the specified column totals included in the schedules of pension amounts by employer in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the schedules of employer allocations and the specified column totals included in the schedules of pension amounts by employer.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the schedules referred to above present fairly, in all material respects, the employer allocations and the net pension liability (asset), total deferred outflows of resources, total deferred inflows of resources, and total employer pension expense for the total of all participating entities for the Plans as of and for the year ended June 30, 2018, in accordance with accounting principles generally accepted in the United States of America.

Other Matter

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of the System as of and for the year ended June 30, 2018, and our report thereon, dated November 28, 2018, expressed an unmodified opinion on those statements.

Restriction of Use

Our report is intended solely for the information and use of the System's management, Board of Trustees, employers and their auditors and is not intended to be and should not be used by anyone other than these specified parties.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated February 12, 2019, on our consideration of the System's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the result of that testing, and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the System's internal control over financial reporting and compliance.



CliftonLarsonAllen LLP

Baltimore, Maryland
February 12, 2019

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

MAIN SYSTEM

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
City Of Alexander	\$ 160,118	0.015586%
City Of Ashley	139,697	0.013598%
City Of Beach	125,006	0.012168%
City Of Belfield	347,217	0.033798%
City Of Berthold	33,949	0.003305%
City Of Bottineau	453,107	0.044106%
City Of Bottineau Park Board	135,683	0.013208%
City Of Bowman	624,173	0.060758%
City Of Burlington	203,613	0.019820%
City Of Carrington	689,339	0.067101%
City Of Carson	73,650	0.007169%
City Of Cavalier	459,250	0.044704%
City Of Cooperstown	178,576	0.017383%
City Of Crosby	173,820	0.016920%
City Of Devils Lake	1,078,185	0.104952%
City Of Dodge	40,416	0.003934%
City Of Drayton	259,833	0.025292%
City Of Elgin	63,418	0.006173%
City Of Ellendale	329,050	0.032030%
City Of Emerado	75,809	0.007379%
City Of Fargo	32,424,454	3.156226%
City Of Fessenden	44,640	0.004345%
City Of Finley	73,679	0.007172%
City Of Glenburn	60,585	0.005897%
City Of Grafton	1,596,853	0.155439%
City Of Grand Forks	21,650,749	2.107504%
City Of Granville	23,109	0.002249%
City Of Gwinner	143,761	0.013994%
City Of Halliday	124,649	0.012133%
City Of Hankinson	212,008	0.020637%
City Of Harvey	577,628	0.056227%
City Of Harwood	136,556	0.013292%
City Of Hatton	79,122	0.007702%
City Of Jamestown	4,936,222	0.480496%
City Of Kenmare	198,119	0.019285%
City Of Killdeer	887,936	0.086433%
City Of Kulm	76,465	0.007443%
City Of Lakota	232,770	0.022658%
City Of Lamoure	143,630	0.013981%
City Of Larimore	101,852	0.009914%
City Of Lidgerwood	70,065	0.006820%

The accompanying notes are an integral part of the Schedules of Employer Allocations.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
City Of Lincoln	425,092	0.041379%
City Of Linton	\$ 211,590	0.020596%
City Of Lisbon	456,919	0.044477%
City Of Maddock	134,219	0.013065%
City Of Mapleton	96,519	0.009395%
City Of Mcclusky	35,360	0.003442%
City Of Mcville	114,557	0.011151%
City Of Medora	251,097	0.024442%
City Of Michigan	54,943	0.005348%
City Of Minto	67,400	0.006561%
City Of Mohall	151,167	0.014715%
City Of Mott	110,282	0.010735%
City Of Napoleon	157,237	0.015306%
City Of Neche	42,208	0.004109%
City Of New England	97,442	0.009485%
City Of New Leipzig	28,324	0.002757%
City Of New Rockford	209,017	0.020346%
City Of New Salem	122,004	0.011876%
City Of New Town	1,045,374	0.101758%
City Of Northwood	242,524	0.023608%
City Of Oakes	604,072	0.058801%
City Of Park River	454,237	0.044216%
City Of Pembina	82,207	0.008002%
City Of Powers Lake	38,746	0.003772%
City Of Ray	166,130	0.016171%
City Of Regent	45,293	0.004409%
City Of Rhame	62,349	0.006069%
City Of Rolla	464,463	0.045211%
City Of Rugby	649,005	0.063175%
City Of Sherwood	36,498	0.003553%
City Of Stanley	835,658	0.081344%
City Of Surrey	384,878	0.037464%
City Of Thompson	123,911	0.012062%
City Of Tioga	860,358	0.083748%
City Of Towner	95,612	0.009307%
City Of Underwood	80,704	0.007856%
City Of Velva	69,748	0.006789%
City Of Wahpeton	2,407,727	0.234370%
City Of Walhalla	304,589	0.029649%
City Of Watford City	3,526,851	0.343307%
City Of West Fargo	8,915,372	0.867830%

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NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
City Of Westhope	\$ 170,286	0.016576%
City Of Williston	10,693,136	1.040880%
City Of Wilton	141,318	0.013756%
City Of Wishek	232,843	0.022665%
Adams County	1,046,918	0.101908%
Barnes County	3,249,075	0.316268%
Benson County	1,788,848	0.174128%
Billings County	2,914,919	0.283741%
Bottineau County	3,220,721	0.313508%
Bowman County	1,555,231	0.151388%
Burke County	1,462,885	0.142399%
Burleigh County	16,698,206	1.625419%
Cass County	16,657,321	1.621439%
Cavalier County	2,009,422	0.195599%
Dickey County	1,856,405	0.180704%
Divide County	2,370,343	0.230731%
Dunn County	3,992,571	0.388641%
Eddy County	936,993	0.091208%
Emmons County	1,370,752	0.133430%
Foster County	1,210,204	0.117802%
Grand Forks County	15,059,060	1.465863%
Grant County	1,033,283	0.100581%
Griggs County	696,856	0.067833%
Hettinger County	1,077,700	0.104904%
Lamoure County	1,839,167	0.179026%
Logan County	744,131	0.072434%
Mchenry County	1,480,254	0.144089%
Mcintosh County	1,062,391	0.103414%
Mckenzie County	8,509,036	0.828277%
Mclean County	4,163,193	0.405249%
Mercer County	3,772,503	0.367219%
Morton County	5,742,063	0.558938%
Mountrail County	6,510,346	0.633723%
Nelson County	1,548,098	0.150693%
Oliver County	807,773	0.078629%
Pembina County	2,965,991	0.288712%
Pierce County	2,324,928	0.226311%
Ramsey County	3,529,931	0.343607%
Ransom County	1,615,718	0.157275%
Renville County	1,297,188	0.126269%

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NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Richland County	\$ 6,037,687	0.587714%
Rolette County	2,119,517	0.206316%
Sheridan County	644,770	0.062763%
Slope County	551,364	0.053670%
Stark County	5,998,893	0.583938%
Steele County	1,043,771	0.101602%
Stutsman County	6,503,013	0.633009%
Towner County	1,114,350	0.108472%
Traill County	3,061,477	0.298007%
Walsh County	3,405,334	0.331478%
Ward County	10,429,512	1.015218%
Wells County	1,643,752	0.160004%
Williams County	10,824,045	1.053622%
Cavalier County Health Dist	121,410	0.011818%
Central Valley Health Unit	1,090,080	0.106109%
City-County Health District	643,056	0.062596%
Custer Health Unit	1,391,550	0.135455%
Dickey County Health District	195,606	0.019040%
Emmons County Public Health	176,812	0.017211%
First District Health Unit	2,319,767	0.225808%
Garrison Diversion Conservancy District	1,722,227	0.167643%
Kidder County District Health Unit	60,507	0.005890%
Lake Region District Health Unit	837,643	0.081537%
McIntosh District Health Unit	80,045	0.007792%
Nelson-Griggs District Health Unit	146,526	0.014263%
Rolette County Public Health	434,941	0.042338%
Sargent County District Health Unit	137,768	0.013410%
Southwestern District Health Unit	1,332,811	0.129737%
Towner County Public Health Unit	89,325	0.008695%
Traill District Health Unit	169,692	0.016518%
Upper Missouri Health Unit	1,138,472	0.110820%
Walsh County Health District	309,285	0.030106%
Wells County Dist Health Unit	228,743	0.022266%
Barnes County Soil Conservation District	76,803	0.007476%
Bismarck Rural Fire Protection	506,929	0.049345%
Bowman City Park Board	130,014	0.012656%
Burleigh County Council On Aging	677,607	0.065959%
Burleigh County Soil Conservation District	209,298	0.020373%
Carnegie Regional Library	60,105	0.005851%
Cass County Soil Conservation District	206,101	0.020062%

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NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Cass County Water Resource District	\$ 242,354	0.023591%
Cavalier County Job Development Authority	48,186	0.004690%
Central Plains Water District	211,816	0.020618%
Consolidated Waste Ltd	149,646	0.014567%
Crosby Park District	42,000	0.004088%
Devils Lake Basin Joint Water Resource Board	-	0.000000%
Devils Lake Park Board	361,360	0.035175%
Dunseith Community Nursing Home	911,357	0.088712%
Emmons County Soil Conservation District	23,424	0.002280%
Fargo Park District	3,453,384	0.336156%
Grafton Park District	95,512	0.009297%
Grand Forks County Water Resource District	49,468	0.004815%
Grand Forks Park District	1,848,194	0.179905%
Grand Forks Public Library	614,163	0.059783%
Grand Forks-E Grand Forks Metropolitan Planning	322,474	0.031390%
Greater Ramsey Water District	312,054	0.030376%
Griggs County Public Library	57,162	0.005564%
James River Soil Conservation District	56,389	0.005489%
James River Valley Library System	314,780	0.030641%
Jamestown Parks And Recreation District	589,088	0.057342%
Jamestown Regional Airport	144,485	0.014064%
Lake Metigoshe Recreation Service District	156,018	0.015187%
Mcintosh County Housing Authority	36,399	0.003543%
Mercer County Soil Conservation District	76,449	0.007442%
Minot Rural Fire Department	155,765	0.015162%
North Central Soil Conservation District	73,173	0.007123%
North Dakota Firefighters Association	150,597	0.014659%
R & T Water Supply Commerce Authority	466,797	0.045438%
Ramsey County Housing Authority	223,790	0.021784%
Ramsey County Soil Conservation District	70,848	0.006896%
Ramsey County Water Resource District	32,824	0.003195%
Ransom County Soil Cons Dist	57,306	0.005578%
Rolette County Soil Conservation District	32,028	0.003118%
Southeast Region Career & Technology Center	127,580	0.012419%
Southeast Water Users District	487,255	0.047430%
Southwest Water Authority	2,848,716	0.277297%
Stutsman County Housing Authority	133,184	0.012964%
Traill County Water Resource District	57,600	0.005607%
Traill Rural Water District	129,409	0.012597%
Tri-Cities Joint Job Development Authority	106,479	0.010365%

The accompanying notes are an integral part of the Schedules of Employer Allocations.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Wahpeton Park Board	\$ 529,674	0.051559%
Walsh County Housing Authority	29,820	0.002903%
Walsh County Water Resource District	50,471	0.004913%
Ward County Water Resource District	35,178	0.003424%
Watford City Park District	613,851	0.059753%
West Fargo Park District	1,155,966	0.112523%
Western & Central Stark Soil Conservation District	103,692	0.010093%
Western Area Water Supply Authority	900,757	0.087681%
Williams County Soil Conservation District	104,553	0.010177%
Williston Housing Authority	304,356	0.029626%
Williston Rural Fire Protection District #1	80,000	0.007787%
Anamoose Public School District #14	180,951	0.017614%
Apple Creek Elementary School	35,187	0.003425%
Beach Public School District #3	729,750	0.071035%
Belcourt School District #7	5,212,827	0.507421%
Belfield Public School #13	409,781	0.039888%
Beulah Public School #27	1,048,817	0.102093%
Billings County School District	333,152	0.032429%
Bismarck Public Schools	25,361,813	2.468742%
Bottineau Public School	1,360,392	0.132422%
Bowman County School District #1	764,575	0.074424%
Burke Central School	145,722	0.014185%
Burleigh County Special Education Unit	59,130	0.005756%
Carrington School District #49	517,074	0.050332%
Cavalier Public Schools	395,754	0.038523%
Center Stanton Public School	282,283	0.027478%
Central Cass Public School District #7	1,077,836	0.104918%
Dakota Prairie Public School	580,740	0.056530%
Devils Lake Public School	2,944,831	0.286653%
Dickinson Public Schools	6,666,350	0.648909%
Divide County School Dist #1	723,209	0.070398%
Drake Public School District	279,071	0.027165%
Drayton Public School #19	296,116	0.028824%
Dunseith School District #1	1,676,936	0.163234%
East Central Special Education Unit	471,766	0.045922%
Ellendale Public School District #40	468,187	0.045574%
Enderlin Area School District #24	524,023	0.051009%
Fargo Public Schools	23,478,532	2.285422%
Fort Totten School District # 30	449,650	0.043769%
Garrison Public School District #51	644,746	0.062760%

The accompanying notes are an integral part of the Schedules of Employer Allocations.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Glen Ullin Public School #48	\$ 287,875	0.028022%
Glenburn School District	498,293	0.048504%
Grafton Public School District #3	1,444,213	0.140581%
Great Northwest Education Cooperative	142,151	0.013837%
Halliday Public School	106,010	0.010319%
Harvey Public School Dist #38	642,786	0.062569%
Hazen Public School District #3	708,600	0.068976%
Hillsboro Public School	576,620	0.056129%
James River Multidistrict Special Education Unit	452,684	0.044065%
Jamestown Public School District #1	3,330,930	0.324236%
Kenmare Public School District #28	462,515	0.045022%
Killdeer Public School #16	774,387	0.075380%
Kindred Public School District #2	477,312	0.046462%
Kulm Public School District #7	353,476	0.034408%
Lake Region Special Education Unit	553,384	0.053867%
Lakota Public School District # 66	307,434	0.029926%
Lamoure School District #8	486,080	0.047315%
Larimore Public School District #44	529,417	0.051534%
Leeds Public School District 6	197,355	0.019211%
Lewis & Clark Public Schools	486,431	0.047350%
Lidgerwood Public School	360,289	0.035071%
Linton Public School District #36	504,280	0.049087%
Lisbon Public School	695,962	0.067746%
Lonetree Special Education Unit	89,873	0.008748%
Mandan Public School District #1	7,307,335	0.711303%
Mandaree Public School #36	967,441	0.094172%
Marvel Public School	243,042	0.023658%
Maple Valley School District	308,588	0.030038%
Mapleton Public School	95,070	0.009254%
Max Public School	322,311	0.031374%
Mcclusky Public Schools	166,472	0.016205%
Mckenzie Cty Public School #1	2,744,360	0.267139%
Medina Public School District #3	251,231	0.024455%
Midkota School	218,045	0.021225%
Midway Public School District #128	480,760	0.046798%
Milnor Public School District #2	397,307	0.038674%
Minot Public School District #1	17,434,897	1.697129%
Minto Public School District #20	375,951	0.036595%
Mohall Lansford Sherwood School	390,832	0.038044%
Mott/Regent School Dist #1	412,366	0.040140%

The accompanying notes are an integral part of the Schedules of Employer Allocations.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Mt Pleasant School Dist #4	\$ 399,493	0.038887%
Napoleon Public School District #2	253,783	0.024703%
New Public School #8	851,994	0.082934%
New Rockford Sheyenne Public School	321,885	0.031333%
New Salem Almont School District #49	534,136	0.051993%
New Town Public School District	2,073,911	0.201876%
Newburg United Public School	220,655	0.021479%
North Border School District # 100	680,029	0.066195%
North Sargent School District #3	397,001	0.038644%
North Valley Career & Technology Center	189,700	0.018466%
Northern Cass School District # 97	667,829	0.065007%
Northern Plains Special Ed Unit	126,148	0.012279%
Oakes Public Schools	546,243	0.053172%
Oliver-Mercer Special Education Unit	398,016	0.038743%
Park River Area School District	576,550	0.056122%
Peace Garden Special Services	344,523	0.033536%
Pingree-Buchanan School District	142,134	0.013835%
Richland School District # 44	403,778	0.039304%
Rolette Public School	316,485	0.030807%
Roughrider Education Services Program (RESP)	29,991	0.002919%
Rugby Public School District #5	651,066	0.063375%
Rural Cass Special Education Unit	225,378	0.021939%
Sawyer Public School	173,983	0.016936%
Sheyenne Valley Career And Tech Center	120,791	0.011758%
Sheyenne Valley Special Education Unit	558,523	0.054367%
Solen Public School Dist #3	457,496	0.044533%
Souris Valley Special Services	281,809	0.027432%
South East Education Cooperative	469,154	0.045668%
South Heart Public School District #9	306,054	0.029792%
South Prairie School District #70	640,229	0.062320%
St John School District #3	747,830	0.072794%
Stanley Community Public School District # 2	1,425,988	0.138807%
Surrey Schools	614,677	0.059833%
Sw Special Education Unit	76,254	0.007423%
Tgu School District #60	1,821,327	0.177290%
Thompson Public School	302,810	0.029476%
Tioga Public School District #15	766,742	0.074635%
Turtle Lake Mercer School District #72	445,585	0.043374%
Underwood School District #8	379,814	0.036971%
United Public School District # 7	998,367	0.097182%

The accompanying notes are an integral part of the Schedules of Employer Allocations.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Valley City Public School	\$ 1,107,017	0.107758%
Velva Public School	437,190	0.042556%
Wahpeton Public School District 37	1,430,730	0.139269%
Warwick Public School	476,500	0.046383%
Washburn Public School	438,732	0.042707%
West Fargo Public School #6	17,657,066	1.718755%
West River Student Services	110,374	0.010744%
Westhope Public School #17	276,221	0.026888%
White Shield School Dist #85	1,024,344	0.099711%
Williston Public School #1	7,090,552	0.690201%
Wilmac Multidistrict Special Education Unit	845,130	0.082266%
Wilton Public School District	321,393	0.031285%
Yellowstone School District # 14	231,211	0.022506%
Zeeland Public Schools	78,748	0.007665%
Attorney General's Office	11,209,480	1.091141%
Bank Of North Dakota	10,441,414	1.016377%
Beef Commission	179,880	0.017510%
Bismarck State College	4,373,330	0.425704%
Board Of Medical Examiners	318,798	0.031032%
Board Of Pharmacy	241,452	0.023503%
Central Services	1,287,202	0.125297%
Department Of Transportation	60,148,996	5.854958%
Dickinson State University	2,620,845	0.255115%
Education Standards & Practice	412,002	0.040105%
Electrical Board	1,405,040	0.136768%
Housing Finance Agency	2,434,393	0.236966%
Information Technology Dept	23,217,571	2.260020%
Insurance Department	2,691,764	0.262019%
Job Service North Dakota	8,458,706	0.823378%
Lake Region State College	1,636,201	0.159269%
Land Department	1,762,859	0.171598%
Legislative Council	2,757,752	0.268442%
Mayville State University	2,986,250	0.290684%
Mill & Elevator Association	8,547,332	0.832005%
Minot State University	5,104,206	0.496848%
ND Board Of Nursing	675,197	0.065724%
ND Public Employees Retirement System	1,733,243	0.168715%
ND Soybean Council	329,664	0.032090%
ND St College Of Science	5,179,902	0.504216%
ND State Board Of Accountancy	282,904	0.027538%

The accompanying notes are an integral part of the Schedules of Employer Allocations.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
ND State Board Of Cosmetology	\$ 67,017	0.006523%
ND State Plumbing Board	385,320	0.037507%
ND System Information Technology Services	1,845,958	0.179687%
ND University System Office	973,434	0.094755%
North Dakota State University	32,050,104	3.119787%
Office Of Management & Budget	2,867,998	0.279174%
Public Finance Authority	170,016	0.016550%
Real Estate Commission	83,642	0.008142%
Retirement & Investment Office	1,577,001	0.153507%
Rough Rider Industries	1,303,976	0.126930%
State Auditor's Office	3,707,674	0.360908%
State Board Of Law Examiners	326,137	0.031746%
State Fair Association	1,022,715	0.099552%
Tobacco Prevention/Control Committee	-	0.000000%
University Of North Dakota	38,765,069	3.773427%
Valley City State University	1,815,970	0.176768%
Williston State College	1,334,005	0.129853%
Workforce Safety & Insurance	15,651,096	1.523492%
Adjutant General ND National Guard	10,427,550	1.015027%
Aeronautics Commission	364,126	0.035444%
Career & Technical Education	1,578,618	0.153664%
Commission On Legal Counsel For Indigents	2,388,905	0.232538%
Department Of Commerce	3,292,150	0.320461%
Department Of Corrections And Rehabilitation	7,010,888	0.682446%
Department Of Corrections Transitional Services	1,869,984	0.182026%
Department Of Financial Institutions	2,172,786	0.211501%
Department Of Human Services	69,455,052	6.760819%
Dept Of Agriculture	3,622,972	0.352663%
Facility Management	1,904,182	0.185355%
Field Services Division	7,045,953	0.685860%
Game & Fish Department	10,365,843	1.009021%
Governor's Office	1,061,565	0.103334%
Highway Patrol	1,816,172	0.176788%
Historical Society	3,887,195	0.378383%
Indian Affairs Commission	270,494	0.026330%
Industrial Commission	6,944,398	0.675974%
James River Correctional Ctr	7,715,147	0.750999%
Juvenile Services - DOCR	1,614,740	0.157180%
Life Skills and Transition Center	12,270,708	1.194442%
Milk Marketing Board	204,636	0.019919%

The accompanying notes are an integral part of the Schedules of Employer Allocations.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
ND Barley Council	\$ 128,496	0.012508%
ND Corn Utilization Council	216,324	0.021057%
ND Council On The Arts	298,936	0.029099%
ND Department Of Health	19,035,977	1.852979%
ND Department Of Labor	645,549	0.062838%
ND Oilseed Council	31,668	0.003083%
ND Securities Department	633,472	0.061663%
ND State Library	1,302,571	0.126793%
ND Supreme Court	18,114,443	1.763277%
ND Veterans Home	4,749,250	0.462296%
ND Wheat Commission	440,820	0.042910%
ND Youth Correctional Center	3,451,487	0.335971%
North Dakota State Hospital	17,672,501	1.720257%
Office Of Administrative Hearings	431,832	0.042035%
Parks & Recreation Department	3,458,564	0.336660%
Protection & Advocacy Project	1,638,385	0.159482%
Public Instruction	5,161,359	0.502411%
Public Service Commission	2,959,018	0.288034%
Racing Commission	133,296	0.012975%
School For The Blind	703,379	0.068468%
SCHOOL FOR THE DEAF	1,267,450	0.123375%
Secretary Of State	1,505,786	0.146575%
State Penitentiary	10,214,908	0.994329%
State Seed Department	1,526,206	0.148562%
State Treasurer's Office	348,692	0.033942%
Tax Department	6,743,722	0.656440%
Veterans Affairs Department	356,338	0.034686%
Water Commission	6,205,374	0.604037%
Total:	\$ 1,027,317,207	100.000000%

The accompanying notes are an integral part of the Schedules of Employer Allocations.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

JUDGES SYSTEM

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
ND Supreme Court	\$ 8,008,841	100.000000%

**LAW ENFORCEMENT WITH PRIOR
MAIN SERVICE SYSTEM**

Employer Name	Covered Payroll*	Employer's Proportionate Share Allocation
Attorney General's Office	\$ 3,718,340	10.771219%
Adjutant General ND National Guard	805,402	2.333074%
City Of Cavalier	154,263	0.446866%
City Of Ellendale	90,900	0.263317%
City Of Thompson	46,911	0.135891%
City Of Williston	6,965,475	20.177460%
City Of Bowman	188,362	0.545644%
City Of Powers Lake	98,568	0.285530%
City Of Burlington	119,219	0.345351%
Adams County	245,451	0.711018%
Benson County	175,972	0.509752%
Bowman County	145,141	0.420442%
Cass County	7,610,093	22.044778%
Dunn County	1,099,188	3.184108%
Griggs County	125,846	0.364548%
Mckenzie County	2,969,882	8.603100%
Mclean County	931,248	2.697622%
Slope County	60,324	0.174745%
Stark County	1,338,190	3.876444%
Ward County	3,515,450	10.183491%
Williams County	4,116,844	11.925598%
Total:	\$ 34,521,069	100.000000%

*Prior to 2016, payroll is based on actual pay received during the year for members active at the end of the fiscal year. Beginning in 2016, payroll is based on annualized payroll as of the valuation date.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF EMPLOYER ALLOCATIONS
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

**LAW ENFORCEMENT WITHOUT PRIOR
MAIN SERVICE SYSTEM**

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
City of Mandan	\$ 1,830,188	29.949840%
City Of Devils Lake	882,146	14.435747%
City of Berthold	59,824	0.978981%
Barnes County	811,769	13.284073%
Morton County	1,709,406	27.973321%
Rolette County	817,511	13.378037%
Total:	\$ 6,110,844	100.000000%

HIGHWAY PATROLMEN'S RETIREMENT SYSTEM

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
State Of ND Highway Patrolmen	\$ 10,737,297	100.000000%

**RETIREMENT PLAN FOR EMPLOYEES OF
JOB SERVICE NORTH DAKOTA**

Employer Name	Covered Payroll	Employer's Proportionate Share Allocation
Job Service North Dakota	\$ 416,652	100.000000%

Note: Columns may not foot due to rounding.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

MAIN SYSTEM

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)			
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	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	
													Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
City Of Alexander	\$ 263,031	\$ 696	\$ 94,949	\$ -	\$ 81,568	\$ 177,213	\$ 8,949	\$ 3,754	\$ 1,280	\$ 3,485	\$ 17,468	\$ 43,360	\$ 23,493	\$ 66,853
City Of Ashley	229,481	606	82,838	-	30,877	114,321	7,807	3,275	1,116	2,241	14,439	37,830	8,710	46,540
City Of Beach	205,348	543	74,126	-	14,957	89,626	6,986	2,931	999	57,456	68,372	33,852	(5,999)	27,853
City Of Belfield	570,378	1,508	205,895	-	17,976	225,379	19,405	8,141	2,775	115,161	145,482	94,029	(25,133)	68,896
City Of Berthold	55,775	148	20,134	-	8,188	28,470	1,898	796	271	1,658	4,623	9,195	2,992	12,187
City Of Bottineau	744,337	1,971	268,690	-	341,130	611,791	25,324	10,624	3,621	-	39,569	122,703	77,366	200,069
City Of Bowman	1,025,358	2,714	370,133	-	37,574	410,421	34,885	14,635	4,988	25,598	80,106	169,029	6,476	175,505
City Of Burlington	334,484	886	120,742	-	42,759	164,387	11,380	4,774	1,627	611	18,392	55,138	15,341	70,479
City Of Carrington	1,132,403	2,998	408,774	-	14,578	426,350	38,527	16,163	5,509	47,264	107,463	186,675	(10,716)	175,959
City Of Carson	120,985	321	43,673	-	16,063	60,057	4,116	1,727	589	-	6,432	19,945	7,374	27,319
City Of Cavalier	754,429	1,996	272,333	-	17,856	292,185	25,667	10,768	3,670	55,517	95,622	124,369	(13,814)	110,555
City Of Cooperstown	293,357	777	105,896	-	12,623	119,296	9,981	4,187	1,427	4,290	19,885	48,359	1,930	50,289
City Of Crosby	285,543	757	103,075	-	14,846	118,678	9,715	4,076	1,389	20,606	35,786	47,072	75	47,147
City Of Devils Lake	1,771,179	4,689	639,359	-	328,393	972,441	60,259	25,280	8,617	-	94,156	291,976	115,520	407,496
City Of Dodge	66,391	177	23,966	-	20,537	44,680	2,259	948	323	-	3,530	10,944	5,720	16,664
City Of Drayton	426,830	1,130	154,077	-	7,972	163,179	14,522	6,092	2,077	17,470	40,161	70,364	(3,278)	67,086
City Of Elgin	104,176	277	37,605	-	9,321	47,203	3,544	1,487	507	12,575	18,113	17,173	210	17,383
City Of Ellendale	540,541	1,431	195,124	-	7,783	204,338	18,390	7,715	2,630	10,382	39,117	89,108	(1,515)	87,593
City Of Emerado	124,529	330	44,952	-	7,350	52,632	4,237	1,777	606	3,190	9,810	20,526	2,202	22,728
City Of Fargo	53,264,757	140,997	19,227,467	-	3,212,054	22,580,518	1,812,171	760,251	259,139	-	2,831,561	8,780,683	874,524	9,655,207
City Of Fessenden	73,327	195	26,469	-	2,774	29,438	2,495	1,047	357	5,444	9,343	12,088	(1,860)	10,228
City Of Finley	121,035	322	43,691	-	6,404	50,417	4,118	1,728	589	19,650	26,085	19,951	(1,970)	17,981
City Of Glenburn	99,518	264	35,924	-	1,413	37,601	3,386	1,420	484	2,385	7,675	16,406	(570)	15,836
City Of Grafton	2,623,203	6,943	946,922	-	63,389	1,017,254	89,246	37,441	12,762	35,820	175,269	432,435	714	433,149
City Of Grand Forks	35,566,429	94,145	12,838,740	-	1,579,442	14,512,327	1,210,039	507,641	173,034	590,954	2,481,668	5,863,118	375,477	6,238,595
City Of Granville	37,954	101	13,701	-	6,158	19,960	1,291	542	185	16,004	18,022	6,256	(3,031)	3,225
City Of Gwinner	236,164	626	85,250	-	18,941	104,817	8,035	3,371	1,149	36,407	48,962	38,931	(3,110)	35,821
City Of Halliday	204,758	543	73,913	-	13,508	87,964	6,966	2,923	996	10,229	21,114	33,755	(552)	33,203
City Of Hankinson	348,272	921	125,719	-	7,280	133,920	11,849	4,971	1,694	11,278	29,792	57,413	(1,712)	55,701
City Of Harvey	948,892	2,512	342,530	-	32,451	377,493	32,283	13,544	4,616	10,776	61,219	156,425	3,123	159,548
City Of Harwood	224,317	594	80,974	-	17,100	98,668	7,632	3,202	1,091	4,549	16,474	36,978	3,740	40,718
City Of Hatton	129,980	343	46,920	-	12,097	59,360	4,422	1,855	632	14,894	21,803	21,429	(1,640)	19,789
City Of Jamestown	8,108,894	21,465	2,927,142	-	57,742	3,006,349	275,880	115,739	39,451	213,044	644,114	1,336,749	(30,466)	1,306,283
City Of Kenmare	325,455	861	117,483	-	32,210	150,554	11,073	4,645	1,583	136,995	154,296	53,649	(28,525)	25,124
City Of Killdeer	1,458,651	3,861	526,543	-	125,115	655,519	49,626	20,819	7,096	22,799	100,340	240,457	40,449	280,906
City Of Kulm	125,609	333	45,342	-	3,660	49,335	4,273	1,793	611	28,421	35,098	20,706	(8,102)	12,604
City Of Lakota	382,378	1,012	138,031	-	52,369	191,412	13,009	5,458	1,860	17,506	37,833	63,034	14,097	77,131
City Of Lamoure	235,945	626	85,171	-	10,718	96,515	8,027	3,368	1,148	35,589	48,132	38,896	(6,415)	32,481
City Of Larimore	167,310	442	60,395	-	9,123	69,960	5,692	2,388	814	6,509	15,403	27,583	1,872	29,455
City Of Lidgerwood	115,095	304	41,547	-	5,235	47,086	3,916	1,643	560	494	6,613	18,974	2,317	21,291
City Of Lincoln	698,316	1,848	252,077	-	59,123	313,048	23,758	9,967	3,397	60,636	97,758	115,117	(754)	114,363

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

MAIN SYSTEM

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)				
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Proportionate Share of Contributions	Total Employer Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions
City Of Linton	\$ 347,580	\$ 920	\$ 125,469	\$ -	\$ 6,424	\$ 132,813	\$ 11,825	\$ 4,961	\$ 1,691	\$ 36,331	\$ 54,808	\$ 57,299	\$ (8,693)	\$ 48,606	
City Of Lisbon	750,598	1,988	270,950	-	85,334	358,272	25,537	10,713	3,652	13,936	53,838	123,736	18,803	142,539	
City Of Maddock	220,486	584	79,591	-	11,222	91,397	7,501	3,147	1,073	1	11,722	36,347	4,350	40,697	
City Of Mapleton	158,551	418	57,234	-	28,611	86,263	5,394	2,263	771	52,390	60,818	26,138	(5,109)	21,029	
City Of Mcclusky	58,088	154	20,968	-	1,591	22,713	1,976	829	283	1,296	4,384	9,577	211	9,788	
City Of Mcville	188,185	497	67,931	-	19,734	88,162	6,402	2,686	916	10,181	20,185	31,024	2,691	33,715	
City Of Medora	412,485	1,092	148,899	-	6,744	156,735	14,034	5,887	2,007	37,134	59,062	67,998	(7,779)	60,219	
City Of Michigan	90,253	239	32,580	-	12,111	44,930	3,071	1,288	439	4,472	9,270	14,878	1,967	16,845	
City Of Minto	110,724	293	39,969	-	380	40,642	3,767	1,580	539	15,058	20,944	18,253	(3,775)	14,478	
City Of Mohall	248,332	657	89,643	-	5,902	96,202	8,449	3,544	1,208	10,227	23,428	40,937	(3,104)	37,833	
City Of Mott	181,165	479	65,397	-	3,050	68,926	6,164	2,586	881	6,792	16,423	29,866	(8,800)	28,986	
City Of Napoleon	258,305	684	93,243	-	81,994	175,921	8,788	3,687	1,257	77,645	91,377	42,581	(2,668)	39,913	
City Of Neche	69,344	183	25,032	-	771	25,986	2,359	990	337	4,460	8,146	11,432	(1,383)	10,049	
City Of New England	160,070	425	57,782	-	3,835	62,042	5,446	2,285	779	21,966	30,476	26,388	(6,085)	20,303	
City Of New Leipzig	46,527	122	16,795	-	1,529	18,446	1,583	664	226	885	3,358	7,671	51	7,722	
City Of New Rockford	343,361	909	123,946	-	16,518	141,373	11,682	4,901	1,670	7,109	25,362	56,602	3,798	60,400	
City Of New Salem	200,420	530	72,348	-	16,411	89,289	6,819	2,861	975	3,061	13,716	33,039	4,615	37,654	
City Of New Town	1,717,277	4,546	619,901	-	225,499	849,946	58,425	24,511	8,355	-	91,291	283,093	78,312	361,405	
City Of Northwood	398,411	1,055	143,818	-	55,675	200,548	13,555	5,687	1,938	27,260	48,440	65,677	10,123	75,800	
City Of Oakes	992,331	2,627	358,211	-	9,214	370,052	33,761	14,164	4,828	64,532	117,285	163,586	(16,578)	147,008	
City Of Park River	746,193	1,975	269,360	-	6,232	277,567	25,387	10,650	3,630	14,786	54,453	123,009	(4,491)	118,518	
City Of Pembina	135,042	356	48,748	-	5,052	54,156	4,594	1,927	657	10,453	17,631	22,261	(1,523)	20,738	
City Of Powers Lake	63,657	169	22,979	-	18,796	41,944	2,166	909	310	22,449	25,834	10,495	(2,716)	7,779	
City Of Ray	272,903	723	98,512	-	16,035	115,270	9,285	3,895	1,328	57,046	71,554	44,989	(8,602)	36,387	
City Of Regent	74,407	197	26,859	-	18,510	45,566	2,531	1,062	362	13,233	17,188	12,265	3,991	16,256	
City Of Rhame	102,421	271	36,972	-	18,609	55,852	3,485	1,462	498	12,325	17,770	16,885	(1,329)	15,556	
City Of Rolla	762,985	2,018	275,422	-	111,290	388,730	25,958	10,890	3,712	1,480	42,040	125,779	26,966	152,745	
City Of Rugby	1,066,147	2,822	384,857	-	69,940	457,619	36,272	15,217	5,187	36,848	93,524	175,752	6,605	182,357	
City Of Scranton	-	-	-	-	-	-	-	-	-	15,062	15,062	-	(7,608)	(7,608)	
City Of Sherwood	59,961	158	21,645	-	7,859	29,662	2,040	856	292	3,213	6,401	9,885	723	10,608	
City Of Stanley	1,372,769	3,635	495,541	-	140,246	639,422	46,704	19,594	6,679	106,306	179,283	226,300	11,402	237,702	
City Of Surrey	632,246	1,672	228,228	-	55,222	285,122	21,510	9,024	3,076	42,223	78,833	104,228	12,974	117,202	
City Of Thompson	203,559	537	73,481	-	3,236	77,254	6,925	2,905	990	7,744	18,564	33,556	(2,060)	31,496	
City Of Tioga	1,413,339	3,742	510,186	-	91,834	605,762	48,085	20,173	6,876	102,666	177,800	232,988	1,822	234,810	
City Of Towner	157,066	418	56,697	-	41,734	98,849	5,344	2,242	764	18,113	26,463	25,889	5,206	31,095	
City Of Underwood	132,579	352	47,858	-	1,008	49,218	4,511	1,892	645	6,776	13,824	21,854	(1,769)	20,085	
City Of Velva	114,572	302	41,358	-	21,000	62,660	3,898	1,635	557	83,036	89,126	18,888	(12,299)	6,589	
City Of Wahpeton	3,955,249	10,469	1,427,763	-	162,300	1,600,532	134,565	56,453	19,243	197,076	407,337	652,020	(24,150)	627,870	
City Of Walhalla	500,359	1,324	180,619	-	57,708	239,651	17,023	7,142	2,434	32,459	59,058	82,484	116	82,600	
City Of Watford City	5,793,680	15,336	2,091,398	-	541,581	2,648,315	197,112	82,693	28,187	1	307,993	955,087	190,701	1,145,788	

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

MAIN SYSTEM

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)			
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Proportionate Share of Contributions	Total Employer Pension Expense
City Of West Fargo	\$ 14,645,578	\$ 38,768	\$ 5,286,748	\$ -	\$ 1,274,206	\$ 6,599,722	\$ 498,271	\$ 209,037	\$ 71,252	\$ -	\$ 778,560	\$ 2,414,320	\$ 328,215	\$ 2,742,535
City Of Westhope	279,738	741	100,980	-	4,975	106,696	9,517	3,993	1,361	1,062	15,933	46,114	1,118	47,232
City Of Williston	17,565,985	46,497	6,340,955	-	1,812,049	8,199,501	597,629	250,720	85,460	1,734,607	2,668,416	2,895,749	273,985	3,169,734
City Of Willton	232,148	613	83,800	-	12,987	97,400	7,898	3,313	1,129	5,567	17,907	38,271	4,104	42,375
City Of Wishek	382,497	1,013	138,073	-	73,479	212,565	13,013	5,459	1,861	1	20,334	63,054	28,187	91,241
Adams County	1,719,809	4,553	620,815	-	80,034	705,402	58,511	24,547	8,367	2,767	94,192	283,509	21,743	305,252
Barnes County	5,337,368	14,130	1,926,678	-	204,495	2,145,303	181,588	76,181	25,967	1	283,737	879,865	66,402	946,267
Benson County	2,938,600	7,781	1,060,773	-	15,652	1,084,206	99,977	41,943	14,297	78,428	234,645	484,426	(21,129)	463,297
Billings County	4,788,439	12,675	1,728,527	-	197,252	1,938,454	162,912	68,346	23,296	21,071	275,625	789,373	39,563	828,936
Bottineau County	5,290,789	14,004	1,909,865	-	35,643	1,959,512	180,003	75,516	25,740	51,815	333,074	872,186	(12,860)	859,326
Bowman County	2,554,838	6,765	922,243	-	12,044	941,052	86,921	36,465	12,430	35,627	171,443	421,164	(8,055)	413,109
Burke County	2,403,138	6,361	867,483	-	15,033	888,877	81,759	34,300	11,692	121,685	249,436	396,157	(25,512)	370,645
Burleigh County	27,430,719	72,610	9,901,918	-	1,041,254	11,015,782	933,246	391,520	133,453	87,840	1,546,059	4,521,948	233,894	4,755,842
Cass County	27,363,552	72,433	9,877,672	-	573,591	10,523,696	930,961	390,561	133,127	3,107,078	4,561,727	4,510,876	(975,817)	3,535,059
Cavalier County	3,300,946	8,738	1,191,573	-	43,957	1,244,268	112,305	47,115	16,059	55,638	231,117	544,161	(1,462)	542,699
Dickey County	3,049,577	8,073	1,100,834	-	72,029	1,180,936	103,753	43,527	14,837	39,938	202,055	502,721	278	502,999
Divide County	3,893,837	10,308	1,405,594	-	64,164	1,480,066	132,476	55,577	18,944	311,598	518,595	641,898	(50,710)	591,188
Dunn County	6,558,741	17,361	2,367,569	-	159,632	2,544,562	223,141	93,613	31,909	-	348,663	1,081,206	65,870	1,147,076
Eddy County	1,539,234	4,076	555,632	-	44,488	604,196	52,368	21,970	7,489	13,091	94,918	253,743	5,105	258,848
Emmons County	2,251,777	5,961	812,845	-	49,713	868,519	76,610	32,140	10,955	59,434	179,139	371,204	(8,194)	363,010
Foster County	1,988,037	5,262	717,640	-	125,430	848,332	67,637	28,375	9,672	77,125	182,809	327,728	(1,671)	326,057
Grand Forks County	24,738,037	65,483	8,929,916	-	115,095	9,110,494	841,636	353,087	120,353	421,051	1,736,127	4,078,059	(124,367)	3,953,692
Grant County	1,697,414	4,493	612,731	-	42,003	659,227	57,749	24,227	8,258	125,197	215,431	279,819	(24,408)	255,411
Griggs County	1,144,756	3,030	413,233	-	21,182	437,445	38,947	16,339	5,569	93,924	154,779	188,712	(22,385)	166,327
Hettinger County	1,770,369	4,686	639,066	-	29,629	673,381	60,231	25,269	8,613	98,385	192,498	291,845	(14,209)	277,636
Lamoure County	3,021,259	7,997	1,090,612	-	161,405	1,260,014	102,789	43,123	14,699	12,256	172,867	498,055	48,956	547,011
Logan County	1,222,403	3,236	441,262	-	27,204	471,702	41,589	17,447	5,947	18,667	83,650	201,512	6,902	208,414
Mchenry County	2,431,659	6,437	877,778	-	84,942	969,157	82,730	34,707	11,830	64,379	193,646	400,858	4,255	405,113
Mcintosh County	1,745,224	4,620	629,990	-	22,314	656,924	59,376	24,910	8,491	24,313	117,090	287,700	3,245	290,945
Mckenzie County	13,978,078	37,002	5,045,795	-	1,740,160	6,822,957	475,561	199,510	68,005	1,233,049	1,976,125	2,304,283	328,437	2,632,720
McLean County	6,839,019	18,105	2,468,743	-	5,367	2,492,215	232,677	97,614	33,273	127,771	491,335	1,127,410	(35,531)	1,091,879
Mercer County	6,197,221	16,405	2,237,068	-	354,641	2,608,114	210,842	88,453	30,150	1	329,446	1,021,609	111,862	1,133,471
Morton County	9,432,688	24,968	3,405,004	-	260,975	3,690,947	320,918	134,633	45,891	298,343	799,785	1,554,976	21,826	1,576,802
Mountrail County	10,694,767	28,309	3,860,588	-	524,496	4,413,393	363,857	152,647	52,031	-	568,535	1,763,031	192,154	1,955,185
Nelson County	2,543,109	6,731	918,009	-	70,436	995,176	86,522	36,298	12,372	16,055	151,247	419,233	10,667	429,900
Oliver County	1,326,950	3,513	479,001	-	58,815	541,329	45,145	18,940	6,456	17,190	87,731	218,747	12,301	231,048
Pembina County	4,872,330	12,896	1,758,810	-	64,044	1,835,750	165,766	69,543	23,704	35,648	294,661	803,204	2,829	806,033
Pierce County	3,819,245	10,108	1,378,668	-	102,417	1,491,193	129,938	54,512	18,581	54,035	257,066	629,603	28,815	658,418
Ramsey County	5,798,743	15,352	2,093,225	-	181,172	2,289,749	197,285	82,766	28,212	69,052	377,315	955,921	24,574	980,495
Ransom County	2,654,187	7,026	958,106	-	63,459	1,028,591	90,301	37,883	12,913	15,159	156,256	437,543	8,705	446,248

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018**

MAIN SYSTEM

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)			
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	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
Renville County	\$ 2,130,927	\$ 5,640	\$ 769,220	\$ -	\$ 11,451	\$ 786,311	\$ 72,498	\$ 30,415	\$ 10,367	\$ 32,090	\$ 145,370	\$ 351,284	\$ (5,973)	\$ 345,311
Richland County	9,918,315	26,255	3,580,305	-	356,041	3,962,601	337,440	141,565	48,254	206,439	733,698	1,635,032	6,630	1,641,662
Rolette County	3,481,808	9,217	1,256,860	-	32,837	1,298,914	118,458	49,696	16,939	67,772	252,865	573,975	(13,419)	560,556
Sheridan County	1,059,194	2,803	382,347	-	35,038	420,188	36,036	15,118	5,153	7,541	63,848	174,609	7,136	181,745
Slope County	905,740	2,398	326,953	-	16,013	345,364	30,815	12,928	4,407	31,433	79,583	149,312	(2,167)	147,145
Stark County	9,854,591	26,086	3,557,302	-	160,721	3,744,109	335,272	140,655	47,944	23,681	547,552	1,624,527	49,421	1,673,948
Steele County	1,714,645	4,540	618,951	-	115,527	739,018	58,336	24,473	8,342	4,443	95,594	282,658	39,212	321,870
Stutsman County	10,682,717	28,278	3,856,238	-	137,285	4,021,801	363,447	152,475	51,973	73,929	641,824	1,761,044	36,256	1,797,300
Towner County	1,830,583	4,846	660,802	-	50,320	715,968	62,280	26,128	8,906	-	97,314	301,772	16,146	317,918
Traill County	5,029,193	13,312	1,815,434	-	101,555	1,930,301	171,103	71,782	24,468	45,735	313,088	829,063	9,777	838,840
Walsh County	5,594,053	14,807	2,019,337	-	30,337	2,064,481	190,321	79,844	27,216	41,007	338,388	922,178	(6,746)	915,432
Ward County	17,132,911	45,351	6,184,624	-	582,560	6,812,535	582,895	244,539	83,353	64,694	975,481	2,824,356	142,261	2,966,617
Wells County	2,700,242	7,148	974,731	-	100,826	1,082,705	91,867	38,541	13,137	140,418	283,963	445,133	(28,699)	416,434
Williams County	17,781,021	47,068	6,418,578	-	1,023,750	7,489,396	604,945	253,789	86,507	10,839	956,080	2,931,198	373,363	3,304,561
Cavalier County Health Dist	199,442	528	71,994	-	3,702	76,224	6,785	2,847	970	5,391	15,993	32,877	(1,159)	31,718
Central Valley Health Unit	1,790,705	4,740	646,407	-	48,183	699,330	60,923	25,559	8,712	89,423	184,617	295,197	(16,194)	279,003
City-County Health District	1,056,376	2,796	381,330	-	83,128	467,254	35,940	15,078	5,139	38,819	94,976	174,144	8,258	182,402
Custer Health Unit	2,285,951	6,048	825,181	-	24,214	855,443	77,772	32,627	11,121	45,610	167,130	376,840	(11,409)	365,431
Dickey County Health District	321,321	851	155,990	-	23,412	140,253	10,932	4,586	1,563	8,221	22,902	52,969	3,741	56,710
Emmons County Public Health	290,454	770	104,848	-	18,375	123,993	9,882	4,146	1,413	848	16,289	47,881	5,681	53,562
First District Health Unit	3,810,756	10,087	1,375,604	-	57,629	1,443,320	129,649	54,391	18,540	38,182	240,762	628,203	717	628,920
Garrison Diversion Conservancy District	2,829,159	7,489	1,021,267	-	5,980	1,034,736	96,253	40,381	13,764	109,683	260,081	466,386	(36,103)	430,283
Kidder County District Health Unit	99,400	266	35,881	-	21,563	57,710	3,382	1,419	484	5,330	10,615	16,386	4,342	20,728
Lake Region District Health Unit	1,376,026	3,643	496,717	-	42,542	542,902	46,815	19,640	6,695	39,533	112,683	226,837	(1,361)	225,476
McIntosh District Health Unit	131,498	349	47,468	-	11,609	59,426	4,474	1,877	640	1,591	8,582	21,678	2,456	24,134
Nelson-Griggs District Health Unit	240,704	637	86,889	-	5,885	93,411	8,189	3,436	1,171	3,913	16,709	39,679	78	39,757
Rolette County Public Health	714,500	1,892	257,920	-	38,569	298,381	24,309	10,198	3,476	-	37,983	117,784	11,531	129,315
Sargeant County District Health Unit	226,308	598	81,693	-	38,485	120,776	7,699	3,230	1,101	1,825	13,855	37,307	10,734	48,041
Southwestern District Health Unit	2,189,453	5,794	790,347	-	63,161	859,302	74,489	31,250	10,652	44,183	160,574	360,932	2,876	363,808
Towner County Public Health Unit	146,738	389	52,969	-	16,059	69,417	4,992	2,094	714	2,092	9,892	24,189	3,496	27,685
Traill District Health Unit	278,759	738	100,626	-	3,819	105,183	9,484	3,979	1,356	6,830	21,649	45,955	(1,633)	44,322
Upper Missouri Health Unit	1,870,208	4,951	675,106	-	135,832	815,889	63,628	26,694	9,099	69,687	169,108	308,304	9,192	317,496
Walsh County Health District	508,072	1,345	183,403	-	39,354	224,102	17,286	7,252	2,472	25,209	52,219	83,755	528	84,283
Wells County Dist Health Unit	375,763	994	135,643	-	40,823	177,460	12,784	5,363	1,828	11,907	31,882	61,942	6,483	68,425
Barnes County Soil Conservation District	126,166	334	45,543	-	7,088	52,965	4,292	1,801	614	27,657	34,364	20,800	(5,434)	15,366
Bismarck Rural Fire Protection	832,751	2,203	300,606	-	46,019	348,828	28,332	11,886	4,051	1	44,270	137,280	14,590	151,870
Bowman City Park Board	213,584	565	77,099	-	42,965	120,629	7,267	3,048	1,039	2,682	14,036	35,210	11,726	46,936
Burleigh County Council On Aging	1,113,130	2,946	401,817	-	56,980	461,743	37,871	15,888	5,415	7,853	67,027	183,500	13,622	197,122
Burleigh County Soil Conservation District	343,817	910	124,111	-	41,305	166,326	11,697	4,907	1,673	16,021	34,298	56,677	6,374	63,051
Carnegie Regional Library	98,742	260	35,644	-	6,929	42,833	3,359	1,409	480	13,056	18,304	16,276	(1,426)	14,850

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

MAIN SYSTEM

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)			
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	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
Cass County Soil Conservation District	\$ 338,568	\$ 896	\$ 122,216	\$ -	\$ 21,714	\$ 144,826	\$ 11,519	\$ 4,832	\$ 1,647	\$ 6,672	\$ 24,670	\$ 55,813	\$ 5,129	\$ 60,942
Cass County Water Resource District	398,124	1,053	143,714	-	22,126	166,893	13,545	5,682	1,937	12,358	33,522	65,631	2,326	67,957
Cavalier County Job Development Authority	79,149	210	28,571	-	1,517	30,298	2,693	1,130	385	1,275	5,483	13,048	(14)	13,034
Central Plains Water District	347,951	921	125,603	-	23,243	149,767	11,838	4,966	1,693	22,136	40,633	57,360	(3,080)	54,280
City Of Bottineau Park Board	222,899	589	80,462	-	101,873	182,924	7,583	3,181	1,084	-	11,848	36,744	23,104	59,848
Consolidated Waste Ltd	245,834	651	88,741	-	13,687	103,079	8,364	3,509	1,196	3,660	16,729	40,525	3,868	44,393
Crosby Park District	68,989	181	24,904	-	46,491	71,576	2,347	985	336	29,547	33,215	11,374	6,541	17,915
Devils Lake Basin Joint Water Resource Board	-	-	-	-	2,753	2,753	-	-	-	23,525	23,525	-	(6,257)	(6,257)
Devils Lake Park Board	593,616	1,572	214,283	-	114,386	330,241	20,196	8,473	2,888	12,145	43,702	97,858	42,078	139,936
Dunseith Community Nursing Home	1,497,112	3,963	540,426	-	97,477	641,866	50,935	21,368	7,284	198,422	278,009	246,799	(24,418)	222,381
Emmons County Soil Conservation District	38,477	101	13,890	-	17,246	31,237	1,309	549	187	-	2,045	6,342	3,911	10,253
Fargo Park District	5,672,999	15,017	2,047,835	-	661,182	2,724,034	193,006	80,971	27,600	-	301,577	935,192	190,715	1,125,907
Grafton Park District	156,897	414	56,637	-	14,972	72,023	5,338	2,239	763	52,756	61,096	25,865	(8,184)	17,681
Grand Forks County Water Resource District	81,258	215	29,333	-	9,711	39,259	2,765	1,160	395	11,886	16,206	13,394	(1,467)	11,927
Grand Forks Park District	3,036,093	8,036	1,095,966	-	214,812	1,318,814	103,294	43,334	14,771	15,755	177,154	500,500	63,008	563,508
Grand Forks Public Library	1,008,903	2,670	364,193	-	37,564	404,427	34,325	14,400	4,908	12,366	65,999	166,318	9,944	176,262
Grand Forks-E Grand Forks Metropolitan Planning	529,740	1,403	191,225	-	25,729	218,357	18,023	7,561	2,577	16,928	45,089	87,325	2,053	89,378
Greater Ramsey Water District	512,628	1,358	185,048	-	7,082	193,488	17,441	7,317	2,494	18,504	45,756	84,505	(2,185)	82,320
Griggs County Public Library	93,899	249	33,895	-	14,435	48,579	3,195	1,340	457	862	5,854	15,480	3,307	18,787
James River Soil Conservation District	92,633	245	33,439	-	4,954	38,638	3,152	1,322	451	-	4,925	15,272	1,980	17,252
James River Valley Library System	517,100	1,370	186,662	-	28,152	216,184	17,593	7,381	2,516	12,872	40,362	85,245	6,943	92,188
Jamestown Parks And Recreation District	967,709	2,561	349,323	-	283,949	635,833	32,923	13,812	4,708	-	51,443	159,526	72,477	232,003
Jamestown Regional Airport	237,345	628	85,677	-	3,605	89,910	8,075	3,388	1,155	19,409	32,027	39,127	(7,767)	31,360
Lake Metigoshe Recreation Service District	256,297	678	92,518	-	25,762	118,958	8,720	3,658	1,247	4,482	18,107	42,252	6,843	49,095
McIntosh County Housing Authority	59,792	158	21,584	-	-	21,742	2,034	853	291	3,041	6,219	9,857	(969)	8,888
Mercer County Soil Conservation District	125,592	333	45,336	-	36,750	82,419	4,273	1,793	611	34,433	41,110	20,705	(112)	20,593
Minot Rural Fire Department	255,875	677	92,366	-	27,462	120,505	8,705	3,652	1,245	14	13,616	42,181	8,644	50,825
North Central Soil Conservation District	120,208	320	43,393	-	30,667	74,380	4,090	1,716	585	8,133	14,524	19,814	8,169	27,983
North Dakota Firefighters Association	247,387	656	89,301	-	22,372	112,329	8,417	3,531	1,204	36,105	49,257	40,783	(5,447)	35,336
Pierce County Soil Conservation District	-	-	-	-	14,370	14,370	-	-	-	22,438	-	-	(1,359)	(1,359)
R & T Water Supply Commerce Authority	766,816	2,030	276,805	-	41,372	320,207	26,089	10,945	3,731	41,090	81,855	126,409	279	126,688
Ramsey County Housing Authority	367,629	973	132,706	-	11,092	144,771	12,507	5,247	1,789	12,089	31,632	60,604	1,133	61,737
Ramsey County Soil Conservation District	116,378	308	42,010	-	41,439	83,757	3,959	1,661	566	10,159	16,345	19,185	6,486	25,671
Ramsey County Water Resource District	53,919	142	19,464	-	7,779	27,385	1,834	770	262	550	3,416	8,888	1,990	10,878
Ransom County Soil Cons Dist	94,135	249	33,981	-	676	34,906	3,203	1,344	458	14,253	19,258	15,520	(4,945)	10,575
Red River Joint Water Resource District	-	-	-	-	-	-	-	-	-	21,638	21,638	-	(10,927)	(10,927)
Rolette County Soil Conservation District	52,620	139	18,995	-	527	19,661	1,790	751	256	2,825	5,622	8,674	(824)	7,850
Southeast Region Career & Technology Center	209,584	553	75,656	-	24,705	100,914	7,130	2,991	1,020	3,861	15,002	34,550	4,271	38,821
Southeast Water Users District	800,433	2,118	288,940	-	222,072	513,130	27,232	11,425	3,894	-	42,551	131,952	63,210	195,162
Southwest Water Authority	4,679,689	12,386	1,689,270	-	217,069	1,918,725	159,212	66,793	22,767	53,241	302,013	771,446	66,668	838,114
Stutsman County Housing Authority	218,782	577	78,976	-	17,819	97,372	7,443	3,123	1,064	4,148	15,778	36,067	5,371	41,438
Trail County Water Resource District	94,624	251	34,157	-	1,889	36,297	3,219	1,351	460	28,755	33,785	15,599	(8,118)	7,481

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

Employer Name	Deferred Outflows of Resources				Deferred Inflows of Resources				Pension Expense (Income)			Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense	
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources			Proportionate Share of Plan Pension Expense
Trail Rural Water District	\$ 212,588	\$ 563	\$ 76,740	\$ -	\$ 41,415	\$ 118,718	\$ 7,233	\$ 3,034	\$ 1,034	\$ 12,955	\$ 24,256	\$ 35,045	\$ 5,350	\$ 40,395
Tri-Cities Joint Job Development Authority	174,921	463	63,143	-	21,349	84,955	5,951	2,497	851	24,187	33,486	28,837	2,709	31,546
Wahpeton Park Board	870,114	2,303	314,093	-	248,931	565,327	29,603	12,419	4,233	6,167	52,422	143,437	69,501	212,938
Walsh County Housing Authority	48,991	128	17,685	-	-	17,813	1,667	699	238	1,920	4,524	8,077	(674)	7,403
Walsh County Water Resource District	82,912	219	29,930	-	6,211	36,360	2,821	1,183	403	1,916	6,323	13,666	1,231	14,897
Ward County Water Resource District	57,784	153	20,859	-	102	21,114	1,966	825	281	1,903	4,975	9,527	(710)	8,817
Watford City Park District	1,008,397	2,671	364,010	-	241,165	607,846	34,308	14,393	4,906	2	53,609	166,232	68,029	234,261
West Fargo Park District	1,898,948	5,027	685,481	-	114,122	804,630	64,606	27,104	9,239	13,014	113,963	313,040	26,244	339,284
Western & Central Stark Soil Conservation District	170,330	450	61,486	-	1,597	63,533	5,795	2,431	829	2,544	11,599	28,079	(550)	27,529
Western Area Water Supply Authority	1,479,713	3,917	534,145	-	129,219	667,281	50,343	21,120	7,199	82,375	161,037	243,932	39,937	283,869
Williams County Soil Conservation District	171,748	455	61,997	-	46,758	109,210	5,843	2,451	836	2,236	11,366	28,312	10,188	38,500
Williston Housing Authority	499,971	1,322	180,479	-	27,804	209,605	17,010	7,136	2,432	67,364	93,942	82,421	(14,139)	68,282
Williston Rural Fire Protection District #1	131,414	347	47,438	-	45,658	93,443	4,471	1,876	639	-	6,986	21,663	11,940	33,603
Anamoose Public School District #14	297,255	787	107,303	-	56,211	164,301	10,113	4,243	1,446	2,678	18,480	49,002	22,997	71,999
Apple Creek Elementary School	57,801	152	20,865	-	2,228	23,245	1,966	825	281	13,750	16,822	9,529	(3,156)	6,373
Beach Public School District #3	1,198,793	3,173	432,739	-	37,050	472,962	40,785	17,110	5,832	136,467	200,194	197,622	(19,227)	178,395
Belcourt School District #7	8,563,283	22,668	3,091,167	-	-	3,113,835	291,340	122,224	41,661	263,513	718,738	1,411,655	(100,157)	1,311,498
Belfield Public School #13	673,154	1,783	242,994	-	47,930	292,707	22,902	9,608	3,275	1,641	37,426	110,969	17,171	128,688
Beulah Public School #27	1,722,931	4,559	621,942	-	170,020	796,521	58,617	24,591	8,382	56,044	147,634	284,026	25,181	309,207
Billings County School District	547,275	1,448	197,555	-	16,781	215,784	18,619	7,811	2,663	79,128	108,221	90,219	(14,072)	76,147
Bismarck Public Schools	41,662,714	110,285	15,039,372	-	939,389	16,089,046	1,417,447	594,654	202,694	265,403	2,480,198	6,868,088	248,365	7,116,453
Bottineau Public School	2,234,766	5,914	806,704	-	18,010	830,628	76,031	31,897	10,872	122,970	241,770	368,403	(24,688)	343,715
Bowman County School District #1	1,255,986	3,325	453,385	-	111,314	568,024	42,731	17,927	6,111	53,809	120,578	207,049	11,581	218,630
Burke Central School	239,387	634	86,414	-	43,689	130,737	8,144	3,417	1,165	31,955	44,681	39,462	10,777	50,239
Burleigh County Special Education Unit	97,139	257	35,065	-	6,345	41,667	3,305	1,386	473	2,173	7,337	16,014	565	16,579
Carrington School District #49	849,407	2,249	306,618	-	56,224	365,091	28,898	12,124	4,132	26,359	71,513	140,023	2,320	142,343
Cavalier Public Schools	650,118	1,721	234,679	-	12,160	248,560	22,118	9,279	3,163	72,883	107,443	107,171	(15,461)	91,710
Center Stanton Public School	463,721	1,228	167,394	-	17,490	186,112	15,777	6,619	2,256	16,387	41,039	76,444	(1,606)	74,838
Central Cass Public School District #7	1,770,606	4,685	639,152	-	175,279	819,116	60,239	25,272	8,614	6,030	100,155	291,885	44,431	336,316
Dakota Prairie Public School	954,005	2,524	344,376	-	13,440	360,340	32,457	13,617	4,641	34,816	85,531	157,268	(3,044)	154,224
Devils Lake Public School	4,837,582	12,805	1,746,266	-	124,610	1,883,681	164,584	69,047	23,535	179,415	436,581	797,475	(11,927)	785,548
Dickinson Public Schools	10,951,047	28,988	3,953,100	-	1,005,016	4,987,104	372,576	156,305	53,278	22,226	604,385	1,805,278	244,114	2,049,392
Divide County School Dist #1	1,188,043	3,146	428,859	-	79,241	511,246	40,420	16,957	5,780	37,093	100,250	195,848	8,087	203,935
Drake Public School District	458,439	1,213	165,487	-	61,557	228,257	15,597	6,543	2,230	24,664	49,034	75,573	9,395	84,968
Drayton Public School #19	486,436	1,289	175,593	-	62,686	239,568	16,550	6,943	2,367	25,909	51,769	80,188	2,853	83,041
Dunseith School District #1	2,754,752	7,292	994,408	-	215,660	1,217,360	93,722	39,319	13,402	9,197	155,640	454,121	55,690	509,811
East Central Special Education Unit	774,984	2,051	279,753	-	72,001	353,805	26,366	11,061	3,770	-	41,197	127,756	25,748	153,504
Ellendale Public School District #40	769,111	2,036	277,633	-	14,951	294,620	26,167	10,978	3,742	1,751	42,638	126,787	5,372	132,159
Enderlin Area School District #24	860,833	2,278	310,743	-	17,735	330,756	29,287	12,287	4,188	35,770	81,532	141,910	(5,112)	136,798
Fargo Public Schools	38,568,989	102,095	13,922,601	-	1,121,876	15,146,572	1,312,192	550,497	187,642	453,883	2,504,214	6,358,089	63,802	6,421,891

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

MAIN SYSTEM

Employer Name	Deferred Outflows of Resources						Deferred Inflows of Resources					Pension Expense (Income)		
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Proportionate Share of Contributions	Total Employer Pension Expense
Fort Totten School District # 30	\$ 738,650	\$ 1,955	\$ 266,637	\$ -	\$ 43,555	\$ 312,147	\$ 25,130	\$ 10,543	\$ 3,594	\$ 31,332	\$ 70,599	\$ 121,766	\$ (246)	\$ 121,520
Garrison Public School District #51	1,059,143	2,803	382,329	-	60,147	445,279	36,034	15,117	5,153	11,268	67,572	174,599	15,815	190,414
Glen Ullin Public School #48	472,902	1,252	170,708	-	2,840	174,800	16,089	6,750	2,301	31,063	56,203	77,957	(7,678)	70,279
Glenburn School District	818,558	2,166	295,482	-	53,078	350,726	27,849	11,683	3,982	1	43,515	134,939	14,451	149,390
Grafton Public School District #3	2,372,458	6,279	856,408	-	128,862	991,549	80,716	33,862	11,542	163,928	290,048	391,100	10,735	401,835
Great Northwest Education Cooperative	233,514	618	84,294	-	16,363	101,275	7,945	3,333	1,136	39,697	52,111	38,495	(4,897)	33,598
Halliday Public School	174,144	462	62,862	-	71,759	135,083	5,925	2,486	847	58,135	67,393	28,707	1,530	30,237
Harvey Public School Dist #38	1,055,920	2,795	381,165	-	46,119	430,079	35,924	15,071	5,137	37,302	93,434	174,068	6,392	180,460
Hazen Public School District #3	1,164,045	3,080	420,196	-	60,777	484,053	39,603	16,614	5,663	21,109	82,989	191,894	6,191	198,085
Hillsboro Public School	947,238	2,508	341,933	-	49,396	393,837	32,227	13,520	4,608	34,145	84,500	156,511	1,686	157,837
James River Multidistrict Special Education Unit	743,645	1,968	268,440	-	2,122	272,530	25,300	10,614	3,618	12,019	51,551	122,590	(5,273)	117,317
Jamestown Public School District #1	5,471,836	14,484	1,975,219	-	178,331	2,168,034	186,163	78,100	26,621	141,708	432,592	902,032	2,042	904,074
Kenmare Public School District #28	759,795	2,012	274,270	-	36,843	313,125	23,850	10,845	3,696	65,506	105,897	125,251	(1,372)	123,879
Killdeer Public School #16	1,272,120	3,368	459,209	-	144,026	606,603	43,280	18,157	6,189	63,305	130,931	209,708	18,582	228,290
Kindred Public School District #2	784,097	2,074	283,043	-	44,973	330,090	26,677	11,191	3,815	28,589	70,272	129,260	734	129,994
Kulm Public School District #7	580,673	1,537	209,611	-	15,436	226,584	19,756	8,288	2,825	12,807	43,676	95,724	2,070	97,794
Lake Region Special Education Unit	909,064	2,406	328,153	-	-	330,559	30,928	12,975	4,423	80,701	129,027	149,860	(26,857)	123,003
Lakota Public School District # 66	505,034	1,336	182,307	-	20,049	203,692	17,182	7,208	2,457	17,212	44,059	83,255	3,702	86,957
Lamoure School District #8	798,492	2,115	288,239	-	42,113	332,467	27,166	11,397	3,885	49,915	92,363	131,630	(4,199)	127,431
Larimore Public School District #44	869,692	2,302	313,941	-	19,070	335,313	29,589	12,413	4,231	78,726	124,959	143,368	(13,309)	130,059
Leeds Public School District 6	324,207	857	117,032	-	23,874	141,763	11,030	4,627	1,577	23,706	40,940	53,445	(1,987)	51,458
Lewis & Clark Public Schools	799,083	2,114	288,452	-	91,117	381,683	27,186	11,405	3,888	73,183	115,662	131,730	1,225	132,955
Lidgerwood Public School	591,861	1,566	213,650	-	30,909	246,125	20,136	8,448	2,879	6,036	37,499	97,567	4,790	102,357
Linton Public School District #36	828,397	2,194	299,034	-	31,165	332,393	28,184	11,824	4,030	31,191	75,229	136,560	1,409	137,969
Lisbon Public School	1,143,288	3,027	412,703	-	31,867	447,597	38,897	16,318	5,562	22,922	83,699	188,471	(1,322)	187,149
Lonetree Special Education Unit	147,632	392	53,292	-	7,033	60,717	5,023	2,107	718	2	7,850	24,335	2,255	26,590
Mandan Public School District #1	12,004,014	31,775	4,333,199	-	179,930	4,544,904	408,400	171,334	58,401	356,625	994,760	1,978,860	(24,264)	1,954,596
Mandaree Public School #36	1,589,255	4,208	573,688	-	494,603	1,072,499	54,070	22,684	7,732	182,973	267,459	261,988	61,118	323,106
Manvel Public School	399,255	1,056	144,123	-	42,497	187,676	13,583	5,699	1,942	2,033	23,257	65,818	9,801	75,619
Maple Valley School District	506,924	1,341	182,989	-	23,539	207,869	17,247	7,235	2,466	27,975	54,923	83,566	137	83,703
Mapleton Public School	156,171	414	56,375	-	41,521	98,310	5,313	2,229	760	24,752	33,054	25,743	5,653	31,396
Max Public School	529,470	1,402	191,128	-	588	193,118	18,014	7,557	2,576	29,496	57,643	87,282	(7,027)	80,255
Mcclusky Public Schools	273,477	722	98,720	-	20,908	120,350	9,304	3,903	1,330	5,760	20,297	45,084	2,995	48,079
Mckenzie Cty Public School #1	4,508,262	11,933	1,627,389	-	627,314	2,266,636	153,380	64,347	21,933	-	239,660	743,185	176,877	920,062
Medina Public School District #3	412,705	1,093	148,978	-	29,397	179,468	14,041	5,891	2,008	5,155	27,095	68,034	4,669	72,703
Midkota School	358,195	947	129,301	-	79,191	209,439	12,186	5,113	1,743	2,625	21,667	59,049	27,464	86,513
Midway Public School District #128	789,767	2,089	285,090	-	1,621	288,800	26,869	11,272	3,842	56,059	98,042	130,192	(16,271)	113,921
Minor Public School District #2	652,666	1,728	235,599	-	33,317	270,644	22,205	9,316	3,175	20,223	54,919	107,590	5,774	113,364
Minot Public School District #1	28,640,903	75,813	10,338,769	-	849,145	11,263,727	974,419	408,793	139,341	-	1,522,553	4,721,448	247,804	4,969,252
Minot Public School District #20	617,581	1,635	222,934	-	15,059	239,628	21,011	8,815	3,005	33,717	66,548	101,810	(2,787)	99,023

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

MAIN SYSTEM

Employer Name	Deferred Outflows of Resources				Deferred Inflows of Resources				Pension Expense (Income)					
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	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
Mohall Lansford Sherwood School	\$ 642,034	\$ 1,700	\$ 231,761	\$ -	\$ 17,774	\$ 251,235	\$ 21,843	\$ 9,164	\$ 3,124	\$ -	\$ 34,131	\$ 105,839	\$ 7,915	\$ 113,754
Mott/Regent School Dist #1	677,406	1,793	244,530	-	4,199	250,522	23,047	9,669	3,296	1,816	37,828	111,671	332	112,003
Mt Pleasant School Dist #4	656,261	1,737	236,896	-	25,022	263,655	22,327	9,367	3,193	10,253	45,140	108,185	7,235	115,420
Napoleon Public School District #2	416,890	1,102	150,489	-	12,984	164,575	14,183	5,950	2,028	37,763	59,924	68,724	(3,951)	64,773
New Public School #8	1,399,602	3,705	505,227	-	222,331	731,263	47,617	19,977	6,809	1	74,404	230,724	65,702	296,426
New Rockford Sheyenne Public School	528,779	1,400	190,878	-	32,276	224,554	17,990	7,547	2,573	8,734	36,844	87,170	4,535	91,705
New Salem Almont School District #49	877,439	2,323	316,737	-	61,893	380,953	29,852	12,524	4,269	7,171	53,816	144,647	14,445	159,092
New Town Public School District	3,406,878	9,019	1,229,812	-	434,305	1,673,136	115,909	48,627	16,575	45,065	226,176	561,624	94,835	656,459
Newburg United Public School	362,482	960	130,848	-	9,110	140,918	12,332	5,174	1,764	16,215	35,485	59,753	(1,728)	58,025
North Border School District # 100	1,117,113	2,957	403,254	-	71,127	477,338	38,006	15,945	5,435	8,454	67,840	184,157	18,007	202,164
North Sargent School District #3	652,160	1,726	235,416	-	45,383	282,525	22,188	9,308	3,173	35,324	69,993	107,510	1,999	109,509
North Valley Career & Technology Center	311,634	826	112,493	-	11,036	124,355	10,602	4,448	1,516	-	16,566	51,372	4,676	56,048
Northern Cass School District # 97	1,097,064	2,903	396,017	-	86,359	485,279	37,324	15,658	5,337	46,261	104,580	180,850	7,987	188,837
Northern Plains Special Ed Unit	207,222	548	74,803	-	-	75,351	7,050	2,958	1,008	11,386	22,402	34,161	(3,626)	30,535
Oakes Public Schools	897,336	2,376	323,919	-	17,129	343,424	30,529	12,808	4,366	102,901	150,604	147,926	(26,350)	121,576
Oliver-Mercer Special Education Unit	653,830	1,732	236,019	-	49,238	286,989	22,245	9,332	3,181	48,116	82,874	107,782	(2,501)	105,281
Park River Area School District	947,120	2,506	341,891	-	6,102	350,499	32,223	13,518	4,608	23,012	73,361	156,133	(4,708)	151,425
Peace Garden Special Services	565,957	1,498	204,299	-	3,874	209,671	19,255	8,078	2,753	25,643	55,729	93,297	(5,264)	88,033
Pingree-Buchanan School District	233,481	617	84,282	-	13,564	98,463	7,943	3,332	1,136	111,569	123,980	38,488	(23,814)	14,674
Richland School District # 44	663,298	1,755	239,437	-	22,311	263,503	22,567	9,467	3,227	31,413	66,674	109,345	(6,912)	102,433
Rolette Public School	519,902	1,374	187,674	-	53,464	242,512	17,688	7,421	2,529	1,862	29,500	85,709	12,909	98,618
Roughrider Education Services Program (RESP)	49,261	131	17,782	-	5,535	23,448	1,676	703	240	6,540	9,159	8,120	732	8,852
Rugby Public School District #5	1,069,522	2,830	386,075	-	35,223	424,128	36,387	15,265	5,203	57,728	114,583	176,311	(4,602)	171,709
Rural Cass Special Education Unit	370,245	980	133,651	-	1,113	135,744	12,596	5,285	1,801	43,262	62,944	61,033	(16,613)	44,420
Sawyer Public School	285,813	756	103,173	-	8,236	112,165	9,724	4,079	1,391	34,478	49,672	47,116	(10,219)	36,897
Shayenne Valley Career And Tech Center	198,429	524	71,629	-	16,109	88,262	6,751	2,832	965	2,470	13,018	32,712	3,733	36,445
Shayenne Valley Special Education Unit	917,502	2,429	331,199	-	-	333,628	31,215	13,096	4,464	46,266	95,041	151,249	(18,594)	132,655
Solen Public School Dist #3	751,543	1,990	271,291	-	136,815	410,096	25,569	10,727	3,656	15,579	55,531	123,890	34,699	158,589
Souris Valley Special Services	462,945	1,226	167,113	-	6,830	175,169	15,750	6,608	2,252	518,602	543,212	76,317	(145,178)	(68,861)
South East Education Cooperative	770,697	2,040	278,206	-	242,026	522,272	26,221	11,000	3,750	-	40,971	127,049	67,775	194,824
South Heart Public School District #9	502,772	1,331	181,490	-	125,853	308,674	17,105	7,176	2,446	1	26,728	82,883	38,796	121,679
South Prairie School District #70	1,051,718	2,784	379,648	-	167,317	549,749	35,781	15,011	5,117	-	55,909	173,376	77,054	250,430
St John School District #3	1,228,478	3,251	443,455	-	76,590	523,296	41,795	17,534	5,977	46,631	111,937	202,515	8,510	211,025
Stanley Community Public School District # 2	2,342,520	6,202	845,601	-	153,313	1,005,116	79,697	33,435	11,397	3,329	127,858	386,163	59,219	445,382
Surrey Schools	1,009,747	2,673	364,498	-	3,551	370,722	34,354	14,412	4,913	26,664	80,343	166,456	(6,724)	159,732
Sw Special Education Unit	125,271	332	45,220	-	11,663	57,215	4,262	1,788	609	28,490	35,149	20,650	(3,688)	16,962
Tgu School District #60	2,991,962	7,919	1,080,036	-	57,053	1,145,008	101,792	42,704	14,556	74,689	233,741	493,223	1,540	494,763
Thompson Public School	497,440	1,316	179,565	-	10,067	190,948	16,924	7,100	2,420	61,620	88,064	82,004	(13,169)	68,835
Tioga Public School District #15	1,259,547	3,334	454,670	-	26,899	484,903	42,852	17,978	6,128	19,815	86,773	207,637	5,247	212,884
Turtle Lake Mercer School District #72	731,984	1,938	264,231	-	95,523	361,692	24,904	10,448	3,561	42,016	80,929	120,666	21,288	141,954

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

MAIN SYSTEM

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)																	
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	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														
															Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	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
															\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
Underwood School District #8	\$ 623,926	\$ 1,651	\$ 225,224	\$ -	\$ 58,565	\$ 285,440	\$ 21,227	\$ 8,905	\$ 3,035	\$ 9,435	\$ 42,602	\$ 102,854	\$ 11,490	\$ 114,344														
United Public School District # 7	1,640,052	4,342	592,025	-	81,347	677,714	55,798	23,409	7,979	88,976	176,162	270,362	13,788	284,150														
Valley City Public School	1,818,534	4,812	656,453	-	81,689	742,954	61,870	25,956	8,847	41,670	138,343	299,786	11,752	311,538														
Velva Public School	178,179	1,902	259,248	-	24,085	285,235	24,434	10,251	3,494	14,420	52,599	118,392	1,005	119,397														
Wahpeton Public School District 37	2,350,316	6,222	848,415	-	29,000	883,637	79,962	33,546	11,435	88,776	213,719	387,448	(15,388)	372,060														
Warwick Public School	782,764	2,072	282,561	-	77,916	362,549	26,631	11,172	3,808	15,674	57,285	129,038	13,931	142,969														
Washburn Public School	720,727	1,907	260,168	-	31,362	293,437	24,521	10,287	3,506	4,781	43,095	118,811	10,793	129,604														
West Fargo Public School #6	29,005,866	76,780	10,470,513	-	1,781,409	12,328,702	986,836	414,002	141,117	-	1,541,955	4,781,612	577,551	5,359,163														
West River Student Services	181,317	481	65,452	-	20,935	86,868	6,169	2,588	882	15,061	24,700	29,890	3,903	33,793														
Westhope Public School #17	453,764	1,201	163,799	-	5,299	170,299	15,438	6,477	2,208	20,194	44,317	74,803	(3,183)	71,620														
White Shield School Dist #85	1,682,732	4,456	607,431	-	165,819	777,706	57,250	24,018	8,187	113,034	202,489	277,399	25,961	303,360														
Williston Public School #1	11,647,895	30,832	4,204,647	-	1,103,883	5,339,362	396,284	166,251	56,668	42,907	662,110	1,920,155	362,928	2,283,083														
Willmac Multidistrict Special Education Unit	1,388,328	3,675	501,158	-	88,714	593,547	47,234	19,816	6,754	6,325	80,129	228,865	27,743	256,608														
Wilton Public School District	527,969	1,398	190,586	-	63,205	255,189	17,963	7,536	2,569	15,223	43,291	87,036	12,951	99,987														
Yellowstone School District # 14	379,813	1,005	137,105	-	61,450	199,560	12,922	5,421	1,848	1	20,192	62,611	18,264	80,875														
Zeeland Public Schools	129,355	341	46,695	-	2,710	49,746	4,401	1,846	629	3,130	10,006	21,325	(396)	20,929														
Attorney General's Office	18,414,195	48,743	6,647,141	-	196,749	6,892,633	626,487	262,827	89,587	190,877	1,169,778	3,035,576	5,966	3,041,542														
Bank Of North Dakota	17,152,471	45,404	6,191,684	-	236,123	6,473,211	583,560	244,818	83,449	203,065	1,114,892	2,827,581	26,089	2,853,670														
Beef Commission	295,500	783	106,669	-	17,405	124,857	4,218	1,438	450	16,159	48,713	5,131	53,844															
Bismarck State College	7,184,219	19,017	2,593,354	-	144,142	2,756,513	244,421	102,541	34,952	207,365	589,279	1,184,316	(10,169)	1,174,147														
Board Of Medical Examiners	523,699	1,387	189,044	-	79,020	269,451	17,817	7,475	2,548	27,665	55,505	86,331	16,092	102,423														
Board Of Pharmacy	396,639	1,050	143,178	-	13,061	157,289	13,494	5,661	1,930	6,941	20,026	65,387	826	66,213														
Central Services	2,114,524	5,597	763,299	-	62,681	831,577	71,940	30,181	10,287	88,791	201,199	348,578	(3,909)	344,669														
Department Of Transportation	98,808,803	261,554	35,667,919	-	-	35,929,473	3,361,668	1,410,303	480,715	4,592,716	9,845,402	16,288,608	(1,510,351)	14,778,257														
Dickinson State University	4,305,344	11,396	1,554,139	-	124,073	1,689,608	146,476	61,450	20,946	169,168	398,040	709,734	(16,429)	693,305														
Education Standards & Practice	676,816	1,793	244,316	-	24,176	270,285	23,027	9,660	3,293	34,280	70,260	111,573	(4,371)	107,202														
Electrical Board	2,308,109	6,110	833,179	-	83,333	922,622	78,526	32,944	11,229	148,332	271,031	380,490	(3,711)	376,779														
Housing Finance Agency	3,999,060	10,586	1,443,577	-	48,839	1,503,002	136,056	57,079	19,456	111,667	324,258	659,245	(23,024)	636,221														
Information Technology Dept	38,140,303	100,960	13,767,855	-	13,868,815	1,297,607	544,378	185,557	983,534	3,011,076	6,287,419	(312,792)	5,974,627															
Insurance Department	4,421,856	11,706	1,596,198	-	177,063	1,784,967	150,440	63,113	21,513	23,826	258,892	728,940	44,700	773,640														
Job Service North Dakota	13,895,402	36,782	5,015,951	-	-	5,052,733	472,749	198,330	67,603	1,211,587	1,950,269	2,290,655	(432,228)	1,858,427														
Lake Region State College	2,687,838	7,115	970,254	-	-	977,369	91,445	38,364	13,077	241,249	384,135	443,070	(71,538)	371,532														
Land Department	2,895,903	7,665	1,045,361	-	86,417	1,139,443	98,524	41,333	14,089	225,074	379,020	477,388	(22,810)	454,578														
Legislative Council	4,530,252	11,992	1,635,326	-	300,479	1,947,797	154,128	64,661	22,400	68,747	309,576	746,813	91,557	838,370														
Mayville State University	4,905,610	12,985	1,770,823	-	104,954	1,888,762	166,898	70,018	23,866	48,248	309,030	808,689	30,661	839,350														
Mill & Elevator Association	14,040,992	37,166	5,068,506	-	822,285	5,927,957	477,702	200,408	68,311	496,228	1,242,649	2,314,655	69,677	2,384,332														
Minot State University	8,384,852	22,195	3,026,757	-	-	3,048,952	285,269	119,677	40,793	618,464	1,064,203	1,382,239	(179,555)	1,202,684														
ND Board Of Nursing	1,109,164	2,936	400,385	-	124,691	528,012	37,736	15,831	5,396	-	58,963	182,844	40,936	223,780														
ND Public Employees Retirement System	2,847,250	7,536	1,027,798	-	53,276	1,088,610	96,869	40,639	13,852	249,350	400,710	469,369	(54,776)	414,593														
ND Soybean Council	541,554	1,434	195,490	-	8,099	205,023	18,425	7,730	2,635	78,819	107,609	89,274	(16,212)	73,062														

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.
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**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018**

MAIN SYSTEM

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)				
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	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	
ND St College Of Science	\$ 8,509,195	\$ 22,525	\$ 3,071,642	\$ -	\$ -	\$ 3,094,167	\$ 289,499	\$ 121,452	\$ 41,398	\$ 647,522	\$ 1,099,871	\$ 1,402,739	\$ (203,579)	\$ 1,199,160	
ND State Board Of Accountancy	464,734	1,231	167,759	-	90,720	259,710	15,811	6,633	2,261	24,707	76,611	32,861	109,472		
ND State Board Of Cosmetology	110,083	291	39,738	-	2,431	42,460	3,745	1,571	536	2,086	18,147	(122)	18,025		
ND State Plumbing Board	632,972	1,674	228,490	-	14,226	244,390	21,535	9,034	3,079	2,072	35,720	104,344	3,667	108,011	
ND System Information Technology Services	3,032,414	8,028	1,094,638	-	125,668	1,228,334	103,169	43,282	14,753	195,584	356,788	499,894	(1,671)	498,223	
ND University System Office	1,599,094	4,232	577,240	-	177,896	759,368	54,404	22,824	7,780	9,997	95,005	263,612	40,480	304,092	
North Dakota State University	52,649,809	139,367	19,005,484	-	-	19,144,851	1,791,249	751,473	256,147	2,169,746	4,968,615	8,679,308	(656,851)	8,022,457	
Office Of Management & Budget	4,711,366	12,471	1,700,705	-	109,942	1,823,118	160,290	67,246	22,921	251,432	501,889	776,668	(30,495)	746,173	
Public Finance Authority	279,299	740	100,821	-	1,063	102,624	9,502	3,986	1,359	6,283	21,130	46,041	(1,742)	44,299	
Real Estate Commission	137,405	363	49,600	-	10,777	60,740	4,675	1,961	668	25,011	32,315	22,651	(1,707)	20,944	
Retirement & Investment Office	2,590,598	6,859	935,152	-	96,731	1,038,742	88,137	36,976	12,604	25,995	163,712	427,058	35,697	462,755	
Rough Rider Industries	2,142,082	5,669	773,247	-	-	778,916	72,878	30,574	10,421	147,111	260,984	353,123	(50,508)	302,615	
State Auditor's Office	6,090,716	16,122	2,198,622	-	77,773	2,292,517	207,218	86,933	29,632	204,700	528,483	1,004,053	(38,215)	965,838	
State Board Of Law Examiners	535,748	1,416	193,394	-	-	194,810	18,227	7,647	2,606	65,067	93,547	88,319	(20,183)	68,136	
State Fair Association	1,680,049	4,448	606,463	-	12,305	623,216	57,159	23,979	8,174	65,788	155,100	276,957	(15,543)	261,414	
Tobacco Prevention/Control Committee	-	-	-	-	92,134	92,134	-	-	-	317,456	317,456	-	(46,853)	(46,853)	
University Of North Dakota	63,680,697	168,565	22,987,405	-	-	23,155,970	2,166,541	908,918	309,813	3,427,705	6,812,977	10,497,752	(1,120,543)	9,377,209	
Valley City State University	2,983,153	7,897	1,076,856	-	23,589	1,108,342	101,493	42,579	14,513	128,848	287,433	491,771	(24,626)	467,145	
Williston State College	2,191,411	5,799	791,054	-	113,965	910,818	74,556	31,278	10,661	42,095	158,590	361,254	12,663	373,917	
Workforce Safety & Insurance	25,710,589	68,058	9,280,987	-	2,126,821	11,475,866	874,724	366,969	125,085	241,689	1,608,467	4,238,384	676,078	4,914,462	
Adjutant General ND National Guard	17,129,688	45,345	6,183,460	-	208,750	6,437,555	582,785	244,493	83,338	392,487	1,303,103	2,823,824	(23,443)	2,800,381	
Aeronautics Commission	598,156	1,584	215,922	-	43,011	260,517	20,350	8,538	2,910	38,825	70,623	98,604	10,259	108,863	
Career & Technical Education	2,593,248	6,864	936,108	-	186,668	1,129,640	88,227	37,014	12,616	120,758	258,615	427,499	5,946	433,445	
Commission On Legal Counsel For Indigents	3,924,332	10,388	1,416,602	-	133,276	1,560,266	133,513	56,012	19,092	43,357	251,974	646,925	37,262	684,187	
Department Of Commerce	5,408,129	14,314	1,952,222	-	223,457	2,189,993	183,995	77,190	26,311	830,635	1,118,131	891,530	(117,373)	774,157	
Department Of Corrections And Rehabilitation	11,517,021	30,487	4,157,404	-	219,941	4,407,832	391,831	164,383	56,032	198,676	810,922	1,898,580	(2,474)	1,896,106	
Department Of Corrections Transitional Services	3,071,887	8,132	1,108,887	-	53,985	1,171,004	104,512	43,845	14,945	252,905	416,207	506,399	(53,509)	452,890	
Department Of Financial Institutions	3,569,310	9,447	1,288,447	-	21,061	1,318,955	121,435	50,945	17,365	131,563	321,308	588,402	(20,636)	567,766	
Department Of Human Services	114,096,196	302,020	41,186,349	-	-	41,488,369	3,881,775	1,628,501	555,090	2,031,529	8,096,895	18,808,734	(695,757)	18,112,977	
Dept Of Agriculture	5,951,573	15,755	2,148,394	-	20,326	2,184,475	202,484	84,947	28,955	286,088	602,474	981,114	(74,983)	906,131	
Facility Management	3,128,068	8,280	1,129,167	-	-	1,137,447	106,423	44,647	15,218	238,762	405,050	515,661	(75,477)	440,184	
Field Services Division	11,574,636	30,640	4,178,202	-	221,222	4,430,064	393,792	165,205	56,312	310,158	925,467	1,908,075	(15,678)	1,892,397	
Game & Fish Department	17,028,330	45,076	6,146,872	-	125,331	6,317,279	579,337	243,046	82,845	337,897	1,243,125	2,807,115	(96,247)	2,710,868	
Governor's Office	1,743,874	4,616	629,502	-	90,963	725,081	59,330	24,890	8,484	115,430	208,134	287,476	1,655	289,131	
Highway Patrol	2,983,490	7,898	1,076,978	-	14,706	1,099,582	101,504	42,584	14,515	194,210	352,813	491,828	(66,860)	424,968	
Historical Society	6,385,626	16,903	2,305,078	-	70,350	2,392,331	217,251	91,142	31,067	210,776	550,236	1,052,670	(39,080)	1,013,590	
Indian Affairs Commission	444,347	1,177	160,400	-	45,988	207,565	15,118	6,342	2,162	38,903	62,525	73,250	(3,178)	70,072	
Industrial Commission	11,407,799	30,196	4,117,978	-	240,208	4,388,382	388,116	162,824	55,500	293,686	900,126	1,880,574	24,515	1,905,089	
James River Correctional Ctr	12,673,927	33,549	4,575,024	-	371,362	4,979,935	431,192	180,896	61,660	240,587	914,335	2,089,293	31,249	2,120,542	
Juvenile Services - DOCR	2,652,584	7,021	957,528	-	13,461	978,010	90,246	37,860	12,905	19,498	160,509	437,277	(3,653)	433,624	

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

MAIN SYSTEM

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)			
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	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
Life Skills and Transition Center	\$ 20,157,512	\$ 53,357	\$ 7,276,442	\$ -	\$ 2,168	\$ 7,331,967	\$ 685,798	\$ 287,709	\$ 98,068	\$ 1,224,758	\$ 2,296,333	\$ 3,322,961	\$ (339,008)	\$ 2,983,953
Milk Marketing Board	336,155	890	121,345	-	2,320	124,555	11,437	4,798	1,635	8,639	26,509	55,415	(2,417)	52,998
ND Barley Council	211,086	559	76,198	-	915	77,672	7,182	3,013	1,027	5,476	16,698	34,798	(1,648)	33,150
ND Corn Utilization Council	355,360	941	128,277	-	33,522	162,740	12,090	5,072	1,729	45,812	64,703	58,581	(12,307)	46,274
ND Council On The Arts	491,077	1,299	177,269	-	11,693	190,261	16,707	7,009	2,389	33,340	59,445	80,953	(6,488)	74,465
ND Department Of Health	31,271,042	82,777	11,288,195	-	117,874	11,488,846	1,063,902	446,333	152,137	907,791	2,570,163	5,155,025	(203,464)	4,951,561
ND Department Of Labor	1,060,460	2,806	382,804	-	82,226	467,836	36,079	15,136	5,159	75,358	131,732	174,819	9,131	183,950
ND Oilseed Council	52,029	138	18,781	-	12,611	31,530	1,770	743	253	-	2,766	8,579	4,120	12,699
ND Securities Department	1,040,630	2,755	375,646	-	41,969	420,370	35,404	14,853	5,063	19,319	74,639	171,547	8,177	179,724
ND State Library	2,139,770	5,664	772,412	-	66,248	844,324	72,799	30,541	10,410	82,459	196,209	352,740	(11,791)	340,949
ND Supreme Court	29,757,223	78,769	10,741,737	-	-	10,820,506	1,012,399	424,726	144,772	949,219	2,531,116	4,905,472	(300,245)	4,605,227
ND Veterans Home	7,801,749	20,651	2,816,269	-	5,871	2,842,791	265,431	111,355	37,956	202,008	616,750	1,286,117	(43,213)	1,242,904
ND Wheat Commission	724,153	1,917	261,404	-	5,252	268,573	24,637	10,336	3,523	18,631	57,127	119,377	(6,512)	112,865
ND Youth Correctional Center	5,669,877	15,008	2,046,708	-	214,067	2,275,783	192,900	80,926	27,585	135,910	437,321	934,678	8,443	943,121
North Dakota State Hospital	29,031,213	76,847	10,479,663	-	108,779	10,665,289	987,698	414,364	141,240	1,308,741	2,852,043	4,785,790	(400,990)	4,384,800
Office Of Administrative Hearings	709,386	1,878	256,074	-	54,065	312,017	24,135	10,125	3,451	2,297	40,008	116,940	17,362	134,302
Parks & Recreation Department	5,681,505	15,040	2,050,905	-	180,633	2,246,578	193,296	81,092	27,641	238,237	540,266	936,592	4,014	940,606
Protection & Advocacy Project	2,691,433	7,125	971,551	-	6,460	985,136	91,568	38,415	13,094	163,116	306,193	443,682	(41,909)	401,773
Public Instruction	8,478,734	22,444	3,060,646	-	111,021	3,194,111	288,463	121,017	41,250	173,262	623,992	1,397,718	(24,873)	1,372,845
Public Service Commission	4,860,888	12,868	1,754,679	-	106,526	1,874,073	165,377	69,380	23,649	194,468	452,874	801,316	(32,680)	768,636
Racing Commission	218,967	578	79,043	-	2,021	81,642	7,450	3,125	1,065	4,986	16,626	36,096	(965)	35,131
School For The Blind	1,155,472	3,058	417,101	-	55,577	475,736	39,311	16,492	5,621	67,194	128,618	190,480	(10,534)	179,946
School For The Deaf	2,082,088	5,513	751,590	-	53,207	810,310	70,837	29,718	10,130	67,018	177,703	343,233	(9,230)	334,003
Secretary Of State	2,473,613	6,547	892,923	-	100,398	999,868	84,157	35,306	12,034	146,405	277,902	407,776	(21,593)	386,183
State Penitentiary	16,780,387	44,418	6,057,370	-	270,546	6,372,334	570,901	239,507	81,638	506,264	1,398,310	2,766,242	(46,522)	2,719,720
State Seed Department	2,507,146	6,638	905,027	-	163,817	1,075,482	85,298	35,785	12,198	2	133,283	413,301	45,265	458,566
State Treasurer's Office	572,808	1,517	206,772	-	15,530	223,819	19,488	8,176	2,787	36,177	66,628	94,427	(3,814)	90,613
Tax Department	11,078,141	29,325	3,998,978	-	12,933	4,041,236	376,900	158,119	53,896	413,816	1,002,731	1,826,230	(128,595)	1,697,635
Veterans Affairs Department	585,364	1,548	211,304	-	17,060	229,912	19,915	8,355	2,848	20,216	51,334	96,498	139	96,637
Water Commission	10,193,783	26,982	3,679,743	-	48,583	3,755,308	346,812	145,496	49,594	192,247	734,149	1,680,443	(44,972)	1,635,471
Main Total	\$ 1,687,609,035	\$ 4,467,179	\$ 609,191,709	\$ -	\$ 49,534,742	\$ 663,193,630	\$ 67,415,739	\$ 24,087,332	\$ 8,210,391	\$ 51,228,939	\$ 140,942,401	\$ 278,201,973	\$ (409,029)	\$ 277,792,944

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

JUDGES SYSTEM

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)			
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	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
ND Supreme Court	\$ (6,482,130)	\$ -	\$ 3,901,256	\$ -	\$ -	\$ 3,901,256	\$ 2,826,589	\$ 245,342	\$ 188,647	\$ -	\$ 3,260,578	\$ (121,345)	\$ -	\$ (121,345)

LAW ENFORCEMENT WITH PRIOR MAIN SERVICE SYSTEM

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)			
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	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
Attorney General's Office	\$ 2,510,150	\$ 257,711	\$ 1,233,037	\$ -	\$ -	\$ 1,490,748	\$ 52,724	\$ 40,923	\$ 70,291	\$ 299,347	\$ 463,285	\$ 669,593	\$ (101,001)	\$ 568,592
Adjutant General ND National Guard	543,705	55,820	267,079	-	95,829	418,728	11,420	8,864	15,225	-	35,509	145,036	35,661	180,697
City Of Cavalier	104,139	10,691	51,155	-	260	62,106	2,187	1,698	2,916	15,529	22,330	27,781	(6,527)	21,254
City Of Ellendale	61,364	6,299	30,143	-	-	36,442	1,289	1,000	1,718	8,736	12,743	16,370	(3,558)	12,812
City Of Thompson	31,668	3,251	15,556	-	7,403	26,210	665	516	887	8,844	10,912	8,447	(2,152)	6,295
City Of Williston	4,702,203	482,764	2,309,818	-	596,301	3,388,883	98,766	76,660	131,675	120,785	427,886	1,254,332	80,954	1,335,286
City Of Bowman	127,158	13,054	62,463	-	2,363	77,880	2,671	3,561	20,067	28,372	33,922	33,922	(5,514)	28,408
City Of Powers Lake	66,541	6,832	32,686	-	6,948	46,466	1,398	1,085	1,863	18,287	22,633	17,750	(1,944)	15,806
City Of Burlington	80,481	8,263	39,534	-	-	47,797	1,690	1,312	2,254	8,264	13,520	21,468	(3,334)	18,134
Adams County	165,697	17,010	81,394	-	2,372	100,776	3,480	2,701	4,640	5,143	15,964	44,201	(1,105)	43,096
Benson County	118,794	12,196	58,354	-	20,040	90,590	2,495	1,937	3,327	21,311	29,070	31,689	3,726	35,415
Bowman County	97,981	10,059	48,130	-	3,243	61,432	2,058	1,597	2,744	39,436	45,835	26,137	(9,110)	17,027
Cass County	5,137,367	527,442	2,523,579	-	643,935	3,694,956	107,907	83,755	143,861	193,820	529,343	1,370,414	183,211	1,553,625
Dunn County	742,032	76,183	364,501	-	40,579	481,263	15,586	12,097	20,779	90,732	139,194	197,940	(7,756)	190,184
Griggs County	84,955	8,722	41,732	-	-	50,454	1,784	1,385	2,379	27,030	32,578	22,662	(10,235)	12,427
Mckenzie County	2,004,887	205,837	984,841	-	164,391	1,355,069	42,111	32,686	56,142	-	130,939	534,812	62,563	597,375
McLean County	628,660	64,543	308,811	-	15,750	389,104	13,205	10,249	17,604	65,737	106,795	167,697	(17,066)	150,631
Slope County	40,723	4,181	20,004	-	7,423	31,608	855	664	1,140	12,520	15,179	10,862	(722)	10,141
Stark County	903,376	92,747	443,757	-	-	536,504	18,975	14,728	25,297	123,907	182,907	240,981	(39,122)	201,859
Ward County	2,373,185	243,648	1,165,757	-	16,660	1,426,065	49,847	38,690	66,456	198,486	353,479	633,058	(57,963)	575,095
Williams County	2,779,170	285,331	1,365,185	-	51,734	1,702,250	58,374	45,309	77,825	331,735	513,243	741,354	(74,907)	666,447
Law Enforcement with Prior Main Service System Total	\$ 23,304,236	\$ 2,392,584	\$ 11,447,516	\$ -	\$ 1,675,231	\$ 15,515,331	\$ 489,487	\$ 379,929	\$ 652,584	\$ 1,609,716	\$ 3,131,716	\$ 6,216,506	\$ 24,100	\$ 6,240,606

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULES OF PENSION AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

**LAW ENFORCEMENT WITHOUT PRIOR
MAIN SERVICE SYSTEM**

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)			
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Proportionate Share of Contributions	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions
City of Mandan	\$ 290,599	\$ 42,876	\$ 737,890	\$ -	\$ 9,576	\$ 790,342	\$ 57,007	\$ 25,576	\$ 28,742	\$ 59,684	\$ 171,009	\$ 294,228	\$ (18,632)	\$ 275,596
City Of Devils Lake	140,068	20,666	355,661	-	6,719	383,046	27,477	12,328	13,854	22,410	76,069	141,821	(3,910)	137,911
City of Berthold	9,499	1,401	24,120	-	637	26,158	1,863	836	939	1,478	5,116	9,618	(236)	9,382
Barnes County	128,894	19,017	327,287	-	5,177	351,481	25,285	11,344	12,748	3,509	52,886	130,503	845	131,348
Morton County	271,421	40,046	689,193	-	69,459	798,698	53,244	23,888	26,845	-	103,977	274,811	23,268	298,079
Rolette County	129,805	19,152	329,602	-	7,454	356,208	25,464	11,424	12,839	6,421	56,148	131,426	704	132,130
Law Enforcement without Prior Main Service System Total	\$ 970,286	\$ 143,158	\$ 2,463,753	\$ -	\$ 99,022	\$ 2,705,933	\$ 190,340	\$ 85,396	\$ 95,967	\$ 93,502	\$ 465,205	\$ 982,407	\$ 2,039	\$ 984,446
Total Public Employees Retirement System	\$ 1,705,401,427	\$ 7,002,921	\$ 627,004,234	\$ -	\$ 51,308,995	\$ 685,316,150	\$ 60,922,155	\$ 24,797,999	\$ 9,147,589	\$ 52,932,157	\$ 147,799,900	\$ 285,279,541	\$ (382,890)	\$ 284,896,651

HIGHWAY PATROLMEN'S RETIREMENT SYSTEM

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)			
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Proportionate Share of Contributions	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions
State Of ND Highway Patrolmen	\$ 19,456,960	\$ 482,350	\$ 3,215,897	\$ -	\$ -	\$ 3,698,247	\$ 588,441	\$ -	\$ 256,395	\$ -	\$ 844,836	\$ 3,195,876	\$ -	\$ 3,195,876

**RETIREMENT PLAN FOR EMPLOYEES OF
JOB SERVICE NORTH DAKOTA**

Employer Name	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense (Income)			
	Net Pension Liability (Asset)	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Changes of Assumptions	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Proportionate Share of Contributions	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions
Job Service North Dakota	\$ (27,458,900)	\$ -	\$ -	\$ 4,385,431	\$ -	\$ 4,385,421	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,706,520	\$ -	\$ 4,706,520

Note: Columns may not foot due to rounding.

The accompanying notes are an integral part of the Schedules of Pension Amounts by Employer.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
NOTES TO THE SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

NOTE 1 DESCRIPTION OF PLANS

General

The System administers three defined benefit pension plans. The Public Employees Retirement System (PERS) is a cost-sharing multiple-employer retirement plan. The PERS was established July 1, 1966 as a defined contribution plan and was changed to a defined benefit plan by the 1977 North Dakota Legislature. The PERS is administered in accordance with Chapter 54-52 of the North Dakota Century Code. The Highway Patrolmen's Retirement System (HPRS) was established July 1, 1949 and is administered in accordance with Chapter 39-03 of the North Dakota Century Code. The HPRS is a single-employer defined benefit plan. The Retirement Plan for Employees of Job Service North Dakota is a single-employer defined benefit public employee retirement plan administered by the Agency. The plan is established under NDCC 52-11-01 with benefit provisions established through the plan document, as amended.

The costs of administering the plans are financed through the contributions and investment earnings of each plan.

The following brief description of the PERS, the HPRS and the Retirement Plan for Employees of Job Service North Dakota (JSND) is provided for general information purposes only. Participants should refer to the applicable chapters of the North Dakota Century Code for more complete information.

The PERS covers substantially all employees of the State of North Dakota, its agencies and various participating political subdivisions (Main System). It also covers the Supreme and District Court Judges (Judges System) and the National Guard Security Officers and Firefighters and as of August 1, 2003, peace officers and correctional officers employed by political subdivisions. The HPRS covers substantially all sworn officers of the North Dakota Highway Patrol. The Retirement Plan for Employees of Job Service North Dakota is limited to employees participating in the plan as of September 30, 1980.

Responsibility for administration of the defined benefit pension plans is assigned to a Board comprised of seven members. The Board consists of a Chairman, who is appointed by the Governor; one member appointed by the Attorney General; one member appointed by the State Health Officer; three members elected by the active membership of the NDPERS system; and one member elected by the retired public employees.

Pension Benefits

PERS

Benefits are set by statute. The System has no provisions or policies with respect to automatic and ad hoc post-retirement benefit increases. Members of the Main System are entitled to unreduced monthly pension benefits beginning when the sum of age and years of credited service equal or exceed 85 (Rule of 85), or at normal retirement age (65). The annual pension benefit is equal to 2.00% of their average monthly salary, using the highest 36 months out of the last 180 months of service, for each year of service. The Plan permits early retirement at ages 55-64 with three or more years of service.

Supreme and District Court Judges are entitled to unreduced monthly pension benefits beginning at normal retirement age of (65) or the Rule of 85. The monthly pension benefit is equal to a percentage of average monthly salary using the highest 36 months out of the last 180 months of service.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
NOTES TO THE SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

NOTE 1 DESCRIPTION OF PLANS (CONTINUED)

The percentage is equal to 3.50% of average monthly salary multiplied by the first ten years of service, plus 2.80% of the average monthly salary times the second ten years of service, plus 1.25% of average monthly salary times years of service in excess of twenty years. The judicial retirement formula is only applied to eligible judicial service. Non-judicial service benefits are calculated using the 2.00% multiplier. The Plan permits early retirement at ages 55-64 with five or more years of service.

Members of the National Guard System are entitled to unreduced monthly pension benefits at normal retirement age (55). Members of the Law Enforcement System are entitled to unreduced monthly pension benefits at normal retirement age (55) or the Rule of 85. The monthly pension benefit for the National Guard/Law Enforcement is equal to 2.00% of their average monthly salary, using the highest 36 months out of the last 180 months of service, for each year of service. The Plan permits early retirement at ages 50-55 with three or more years of service.

Members may elect to receive the pension benefits in the form of a single life, joint and survivor, term-certain annuity, or partial lump sum with ongoing annuity. Members may elect to receive the value of their accumulated contributions, plus interest, as a lump sum distribution upon retirement or termination, or they may elect to receive their benefits in the form of an annuity. For each member electing an annuity, total payment will not be less than the members' accumulated contributions plus interest.

HPRS

Benefits are set by statute. The System has no provisions or policies with respect to automatic and ad hoc post-retirement benefit increases. Members are entitled to unreduced pension benefits upon attainment of age 55 and ten years of eligible employment or when the sum of age and years of credited service equals or exceeds 80. The annual pension benefit is equal to a percentage of average monthly salary using the highest 36 months out of the last 180 months of service. The percentage is equal to the sum of the first 25 years of service multiplied by 3.60% and 1.75% multiplied by years of service in excess of 25, if any. The Plan permits early retirement at ages 50-54, with ten or more years of service.

Members may elect to receive the pension benefits in the form of a single life, joint and survivor, term-certain annuity, or partial lump sum with ongoing annuity. Members may elect to receive the value of their accumulated contributions, plus interest, as a lump sum distribution upon retirement or termination, or they may elect to receive their benefits in the form of an annuity. For each member electing an annuity, total payment will not be less than the members' accumulated contributions plus interest.

Retirement Plan for Employees of Job Service North Dakota

Benefits are established through the plan document, as amended by the Board. The System provides a post-retirement cost-of living adjustment each year based on the Consumer Price Index. Employees are entitled to annual pension benefits beginning at normal retirement age (65). Employees may elect optional retirement eligibility at age 62 with 5 years of credited service, at age 60 with 20 years of credited service, or at age 55 with 30 years of credited service.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
NOTES TO THE SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

NOTE 1 DESCRIPTION OF PLANS (CONTINUED)

Pension benefits are calculated based on the final average earnings (basic monthly earnings averaged over the highest three consecutive years of basic earnings) of the employee multiplied by the sum of:

- 1.5% times years of credited service up to 5 plus
- 1.75% times years of credited service between 6 and 10 plus
- 2.0% times years of credited service in excess of 10

Death and Disability Benefits

PERS

Death and disability benefits are set by statute. If an active member dies with less than three years of service for the Main System and National Guard/Law Enforcement, or less than five years of service for Supreme and District Court Judges, a death benefit equal to the value of the member's accumulated contributions, plus interest, is paid to the member's beneficiary. If the member has earned more than three years of credited service for the Main System and National Guard/Law Enforcement, the surviving spouse will be entitled to a single payment refund, life-time monthly payments in an amount equal to 50% of the member's accrued normal retirement benefit, or monthly payments in an amount equal to the member's accrued 100% Joint and Survivor retirement benefit if the member had reached normal retirement age prior to date of death. If the surviving spouse dies before the member's accumulated pension benefits are paid, the balance will be payable to the surviving spouse's designated beneficiary.

For Judges who have earned more than five years of credited service, the death benefit is the greater of (i) lump sum payment of accumulated contributions, or (ii) 100% of the members' accrued benefit (not reduced on account of age), payable for the spouse's lifetime.

Eligible members, who become totally disabled after a minimum of 180 days of service, receive monthly disability benefits equal to 25% of their final average salary with a minimum benefit of \$100. To qualify under this section, the member has to become disabled during the period of eligible employment and apply for benefits within one year of termination. The definition for disabled is set by the System in the North Dakota Administrative Code.

For Judges only, the disability benefit formula is 70% of final average salary minus Social Security and Workers Compensation benefits.

HPRS

Death and disability benefits are set by statute. If an active member dies with less than ten years of credited service, a death benefit equal to the value of the member's accumulated contributions, plus interest is paid to the member's beneficiary. If the member has earned more than ten years of credited service, the surviving spouse, if any, will be entitled to a single payment refund or life-time monthly payments in an amount equal to 50% of the member's accrued normal retirement benefit. If the surviving spouse dies before the member's accumulated pension benefits are paid, the balance will be payable to any designated beneficiary.

Eligible members, who become totally disabled after a minimum of 180 days of service, receive monthly disability benefits that are up to 70% of their final average salary, reduced by worker's compensation, with a minimum benefit of \$100. To qualify under this section the member must meet the criteria established by the System for being totally disabled and apply for benefits within one year of termination.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
NOTES TO THE SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

NOTE 1 DESCRIPTION OF PLANS (CONTINUED)

Retirement Plan for Employees of Job Service North Dakota

The plan document provides disability and death benefits. If the death of a participant occurs prior to his/her annuity starting date, the surviving spouse who has been married at least two years prior to the participant's death or, if married less than two years is a parent of a child of this marriage, then the spouse shall receive monthly benefits.

The amount is the greater of the benefit had the participant retired on the day before he/she died and elected the Contingent Annuitant Option with 55% of his/her retirement benefit continued to his/her spouse or 55% of the smaller of 40% of the deceased participant's average monthly earnings or the deceased participant's normal retirement benefit obtained by increasing their credited service by the period of time between their date of death and the date they would have attained age 60. Upon remarriage of the surviving spouse before age 60, the death benefits will cease.

If a participant becomes totally disabled, he/she will be eligible for a monthly disability benefit that shall be equal to the greater of 40% of the participant's average annual earnings or the accrued benefit determined as their date of disability.

Refunds of Member Contributions

Upon termination, if a member of PERS or HPRS is not vested (is not 65 or does not have three years of service for the Main System and National Guard/Law Enforcement, or five years of service for the Supreme and District Court Judges, credited for the PERS, or is not 60 or does not have ten years of service credited for the HPRS), they will receive the accumulated member contributions plus interest, or may elect to receive this amount at a later date. If a member has vested, they have the option of applying for a refund or can remain as a terminated vested participant. If a member terminated and withdrew their accumulated member contribution and is subsequently reemployed, they have the option of repurchasing their previous service.

Contributions

Contribution rates for PERS and HPRS are set by state statute and are a percentage of salaries and wages. Contribution rates for the Job Service Retirement Plan are established in the plan document, as amended, actuarially determined using the frozen initial liability actuarial cost method which is the same as the aggregate cost method.

In 2011, the Legislative Assembly passed an increase in the employee and employer contribution rates for the PERS, Judges, Law Enforcement and Highway Patrol plans. Both the employee and employer contribution rates increased for each of the plans by an additional 1% (.5% for the Law Enforcement Plans for political subdivisions) effective January 2012 and January 2013. The 2013 Legislative Assembly also passed an increase in the employee and employer contribution rates for the PERS, Judges, National Guard, Law Enforcement and Highway Patrol plans. Effective January 2014, both the employee and employer contribution rates were increased for each of the plans by an additional 1% (.5% for the National Guard and Law Enforcement Plans for political subdivisions).

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
NOTES TO THE SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

NOTE 1 DESCRIPTION OF PLANS (CONTINUED)

PERS

Member contributions are set by statute. During the 1983-1985 biennium the State and some of the participating political subdivisions implemented the employer pickup provision of the IRS code whereby a portion or all of the required member contributions are made by the employer. The State is paying 4% of the member contribution. Some of the political subdivisions are paying all or part of the member contributions. Employer contributions are set by statute except the contribution rates for the National Guard/Law Enforcement Plans, which are set by the Board.

Contribution rates are established as a percent of covered compensation as follows:

	Member Contributions	Employer Contributions
Public Employees Retirement System*	7.00%	7.12%
Judges Retirement System	8.00%	17.52%
Law Enforcement with Previous Service		
State - BCI Plan**	6.00%	9.81%
State - National Guard	5.50%	9.81%
Political Subdivisions	5.50%	9.81%
Law Enforcement without Previous Service	5.50%	7.93%

**Members making the election to move from the Defined Contribution Plan back to the Defined Benefit Plan as a result of Senate Bill 2015 pay a 9% employee contribution.*

The entry age normal cost method determines the amount of contributions necessary to fund: (a) the current service cost, which represents the estimated amount necessary to pay for the benefits earned by members during the current service year and, (b) the prior service cost, which represents the amount necessary to pay for benefits earned prior to the effective date of the plan.

Except for Supreme and District Court Judges, the member's account balance includes the vested employer contributions equal to the member's contributions to an eligible deferred compensation plan.

The minimum member contribution is \$25 and the maximum may not exceed the following:

- 1 to 12 months of service - Greater of one percent of monthly salary or \$25
- 13 to 24 months of service - Greater of two percent of monthly salary or \$25
- 25 to 36 months of service - Greater of three percent of monthly salary or \$25
- Longer than 36 months of service - Greater of four percent of monthly salary or \$25

An open period of 20 years to fund accrued liabilities for the Public Employees Retirement System and the Supreme and District Court Judges has been adopted for the July 1, 1996 valuation and adopted for the National Guard Security Officers and Firefighters for the July 1, 1998 valuation. Currently, the present rate of contributions is not sufficient to meet the actuarially determined requirement for 2017-2018.

HPRS

Member and employer contributions are set by statute as a percent of covered compensation. The state is paying 4.0% of the member contribution. The member contribution rate is 13.3% and the employer rate is 19.7%.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
NOTES TO THE SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

NOTE 1 DESCRIPTION OF PLANS (CONTINUED)

The entry age normal cost method determines the amount of contributions necessary to fund: (a) the current service cost, which represents the estimated amount necessary to pay for benefits earned by employees during the current service year and, (b) the prior service cost, which represents the amount necessary to pay for benefits earned prior to the effective date of the plan.

An open period of 20 years to fund accrued liabilities for the Highway Patrolmen's Retirement System was adopted for the July 1, 1996 valuation. Currently, the present rate of contributions is not sufficient to meet the actuarially determined requirement for 2017-2018.

Retirement Plan for Employees of Job Service North Dakota

Employees' contributions are established at 7.0% of total compensation. The funding policy of the plan provides for employer contributions at actuarially determined rates that, expressed as percentages of annual covered payroll, are designed to accumulate sufficient assets to pay benefits when due.

Effective July 1, 1999, the "scheduled contribution" will be zero as long as the plan's actuarial value of assets exceeds the actuarial present value of projected benefits. The "scheduled contribution" and amortization will be determined when the plan is not in surplus and will be based on a funding policy adopted by the Employer.

NOTE 2 MEASUREMENT FOCUS AND BASIS OF ACCOUNTING

The schedules are presented in accordance with the standards issued by the Governmental Accounting Standards Board (GASB), which is the nationally accepted standard setting body for establishing accounting principles generally accepted in the United States of America for governmental entities. As prescribed by GASB they are reported using the economic resources measurement focus and the accrual basis of accounting.

For purposes of measuring the net pension liability (asset), deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of PERS and additions to/deductions from PERS' fiduciary net position have been determined on the same basis as they are reported by PERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Accrual basis contributions as reported in the financial statements are not available by employer. Therefore, cash basis contributions were used to calculate the deferred outflow and inflow for the differences between employer contributions and proportionate share of contributions. The difference between the cash basis contributions and accrual basis contributions is not considered material.

The preparation of the schedules in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
NOTES TO THE SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

NOTE 3 NET PENSION LIABILITY

The net pension liability (asset) of the plans were measured as of July 1, 2018, and the total pension liabilities used to calculate the net pension liabilities (assets) were determined by an actuarial valuation as of that date. The Employers' proportions of the net pension liabilities (assets) are based on the Employers' shares of covered payroll in the pension plans relative to the covered payroll of all participating PERS, HPRS and JSND employers. The net pension liability (asset) for each plan is as follows:

Main System	\$ 1,687,609,035
Judges System	(6,482,130)
Law Enforcement with Prior Main Service System ¹	23,304,236
Law Enforcement without Prior Main Service System	970,286
Highway Patrolmen's Retirement System	19,456,960
Retirement Plan for Employees of Job Service North Dakota	(27,458,900)

¹ Includes former National Guard members.

NOTE 4 ACTUARIAL ASSUMPTIONS

PERS and HPRS

The total pension liability was determined by an actuarial valuation as of July 1, 2018, using the following actuarial assumptions:

Inflation	2.5%.	
Salary Increase (Payroll Growth)	For June 30, 2018:	
	Service at Beginning of Year:	Increase Rate:
	0	15.00%
	1	10.00%
	2	8.00%
	Age*	
	Under 36	8.00%
	36 - 40	7.50%
	41 - 49	6.00%
	50+	5.00%

*Age-based salary increase rates apply for employees with three or more years of service

Investment Rate of Return 7.75%, net of investments expense, including inflation.

Mortality Rates Mortality rates for active members, inactive members and healthy retirees were based on the RP-2000 Combined Healthy Mortality Table, set back two years for males and three years for females, projected generationally using the SSA 2014 Intermediate Cost scale from 2014. For disabled retirees, mortality rates were based on the RP-2000 Disabled Mortality Table, set back one year for males (no setback for females) multiplied by 125%.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
NOTES TO THE SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

NOTE 4 ACTUARIAL ASSUMPTIONS (CONTINUED)

Discount Rates For PERS: Projected benefit payments are required to be discounted to their actuarial present values using a Single Discount Rate that reflects (1) a long-term expected rate of return on pension plan investments (to the extent that the plan's fiduciary net position is projected to be sufficient to pay benefits) and (2) a tax-exempt municipal bond rate based on an index of 20-year mixed maturity general obligation bonds with an average Standard & Poor's Corp.'s AA credit rating (which is published by Fidelity) as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on pension plan investments is 7.75%; the municipal bond rate is 3.62% (based on the most recent date available on or before the measurement date of the "20-year Municipal GO Index" from Fidelity); and the resulting Single Discount Rate is 6.32% for June 30, 2018.

For HPRS: For the purpose of this valuation, the expected rate of return on pension plan investments is 7.75%; the municipal bond rate is 3.62% (based on the most recent date available on or before the measurement date of the "20-year Municipal GO Index" from Fidelity); and the resulting Single Discount Rate is 7.75% for June 30, 2018.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
NOTES TO THE SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
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NOTE 4 ACTUARIAL ASSUMPTIONS (CONTINUED)

JSND

The total pension liability was determined by an actuarial valuation as of July 1, 2018, using the following actuarial assumptions:

Inflation	2.5%.
Salary Increase (Payroll Growth)	3.5% per annum
Investment Rate of Return	4.75%, net of investment expense, including inflation.
Cost of Living Adjustment	2.50% per annum.
Mortality Rates	Mortality rates for active members, inactive members and healthy retirees were based on the RP-2000 Combined Healthy Mortality Table, set back two years for males and three years for females, projected generationally using the SSA 2014 Intermediate Cost scale from 2014. For disabled retirees, mortality rates were based on the RP-2000 Disabled Mortality Table, set back one year for males, (no setback for females) multiplied by 125%.
Discount Rates	For PERS: Projected benefit payments are required to be discounted to their actuarial present values using a Single Discount Rate that reflects (1) a long-term expected rate of return on pension plan investments (to the extent that the plan's fiduciary net position is projected to be sufficient to pay benefits) and (2) a tax-exempt municipal bond rate based on an index of 20-year mixed maturity general obligation bonds with an average Standard & Poor's Corp.'s AA credit rating (which is published by Fidelity) as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met). For the purpose of this valuation, the expected rate of return on pension plan investments is 4.75%; the municipal bond rate is 3.62% (based on the most recent date available on or before the measurement date of the "20-year Municipal GO Index" from Fidelity); and the resulting Single Discount Rate is 4.75% for June 30, 2018.

Investment Rate of Return

The long-term expected investment rate of return assumption for PERS, HPRS and JSND 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.

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
NOTES TO THE SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

NOTE 4 ACTUARIAL ASSUMPTIONS (CONTINUED)

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. Estimates of arithmetic real rates of return, for each major asset class included in the pension plan's target asset allocation as of July 1, 2018 are summarized in the following tables:

PERS and HPRS

<u>Asset Class</u>	<u>Long-Term Expected Real Rate of Return</u>
Domestic Equity	6.05%
International Equity	6.71%
Private Equity	10.20%
Domestic Fixed Income	1.45%
Global Real Assets	5.11%
Cash Equivalents	0.00%

JSND

<u>Asset Class</u>	<u>Long-Term Expected Real Rate of Return</u>
Domestic Equity	4.75%
Core Fixed Income	1.91%
Limited Duration Fixed Income	1.13%
Global Equity	5.31%
Diversified Short-Term Fixed Income	1.66%
Short-Term Corporate Fixed Income	0.49%
US High Yield	3.49%
Emerging Market Debt	4.68%

NOTE 5 AVERAGE REMAINING SERVICE LIFE

GASB 68 requires that changes arising from differences between expected and actual experience or from changes in actuarial assumptions be recognized in pension expense over the average remaining service life of all employees provided with benefits through the pension plan (active and inactive). This is to consider these differences on a pooled basis, rather than an individual basis, to reflect the expected remaining service life of the entire pool of employees with the understanding that inactive employees have no remaining service period. As of June 30, 2018, the average of the expected remaining service lives of all employees calculated by our external actuaries are summarized below:

<u>Plan</u>	<u>Recognition Period (Years)</u>
Main System	5.4093
Judges	4.4649
Law Enforcement With Prior Main System Service	5.8355
Law Enforcement Without Prior Main System Service	4.7417
Highway Patrolmen's Retirement System	6.2141
Retirement Plan for Employees of Job Service North Dakota	1.0000

NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM
NOTES TO THE SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION
AMOUNTS BY EMPLOYER
AS OF AND FOR THE YEAR ENDED JUNE 30, 2018

NOTE 6 DEFERRED INFLOWS AND DEFERRED OUTFLOWS

A summary of the net deferred outflows/(inflows) of resources as of June 30, 2018 to be recognized in pension expense in future years is presented below:

Year Ended June 30:	Main System	Judges	Law Enforcement With Prior Main System Service	Law Enforcement Without Prior Main System Service	Highway Patrolmen's Retirement System	Retirement Plan for Employees of Job Service North Dakota
2019	\$ 173,082,012	\$ 741,868	\$ 3,673,398	\$ 811,442	\$ 1,539,866	\$ 1,993,919
2020	150,603,936	627,410	3,450,850	789,544	992,841	1,120,271
2021	124,734,511	(505,797)	2,868,113	601,941	17,556	771,955
2022	69,607,161	(222,803)	2,061,903	37,801	359,233	499,276
2023	4,223,609	-	329,351	-	(34,678)	-
Thereafter	-	-	-	-	(21,407)	-
Total	<u>\$ 522,251,229</u>	<u>\$ 640,678</u>	<u>\$ 12,383,615</u>	<u>\$ 2,240,728</u>	<u>\$ 2,853,411</u>	<u>\$ 4,385,421</u>

NOTE 7 ADDITIONAL FINANCIAL AND ACTUARIAL INFORMATION

Additional financial information supporting the preparation of the Schedules of Employer Allocations and the Schedules of Pension Amounts by Employer (including the disclosure of the net pension liability (asset) and the unmodified audit opinion on the financial statements) is located in the North Dakota Public Employees Retirement System Comprehensive Annual Financial Report for the fiscal year ended June 30, 2018. The supporting actuarial information is included in the June 30, 2018, GASB Statements No. 67 and 68, *Accounting and Financial Reporting for Pensions* actuarial valuation for each retirement plan. The additional financial and actuarial information is available at www.nd.gov/ndpers or by contacting the Agency at: North Dakota Public Employees Retirement System, 400 E Broadway Ave., Suite 505, P.O. Box 1657, Bismarck, ND 58502-1657 or by calling (701) 328-390.



**INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL
OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED
ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH
GOVERNMENT AUDITING STANDARDS**

Governor Doug Burgum
The Legislative Assembly

Scott Miller, Executive Director
North Dakota Public Employees Retirement System
Bismarck, North Dakota

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the schedules of employer allocations and the total for all entities of the columns titled net pension liability (asset), total deferred outflows of resources, total deferred inflows of resources, and total pension expense (specified column totals), included in the schedule of pension amounts by employer of the Public Employees Retirement System, the Highway Patrolmen's Retirement System, and the Retirement Plan for Employees of Job Services North Dakota (the Plans), as administered by the North Dakota Public Employees Retirement System (the System), a department of the State of North Dakota, as of and for the year ended June 30, 2018, and the related notes, and have issued a report thereon dated February 12, 2019.

Internal Control Over Financial Reporting

Management of the System is responsible for establishing and maintaining effective internal control over financial reporting. In planning and performing our audits, we considered the System's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the schedules of employer allocations and the specified column totals included in the schedules of pension amounts by employer, but not for the purpose of expressing an opinion on the effectiveness of the System's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the System's internal control over financial reporting.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. *A material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the Plans' schedules of employer allocations and the specified column totals included in the schedules of pension amounts by employer will not be prevented, or detected and corrected on a timely basis. *A significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Plans' schedules of employer allocations and the specified column totals included in the schedules of pension amounts by employer are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of the schedules of employer allocations and the specified column totals included in the schedules of pension amounts by employer amounts. However, providing an opinion on compliance with those provisions was not an objective of our audits, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the result of that testing, and not to provide an opinion on the effectiveness of the System's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the System's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



CliftonLarsonAllen LLP

Baltimore, Maryland
February 12, 2019