

# STATE OF NORTH DAKOTA

## Required Supplemental Information Budgetary Comparison Schedule General Fund For the Fiscal Year Ended June 30, 2016

	Approved Budget 2015-2017 Biennium	Appropriation Adjustments 2015-2017 Biennium	Adjusted Budget 2015-2017 Biennium	Actual Biennium To Date Thru 6-30-16	Difference Uncollected/ Unspent Thru 6-30-16
<b>Budgetary Fund Balance, July 1</b>	\$ 598,664,078	\$ -	\$ 598,664,078	\$ 496,722,235	\$ (101,941,843)
<b>Resources (Inflows):</b>					
Sales and Use Tax	2,868,026,560		2,868,026,560	925,369,574	(1,942,656,986)
Income Tax	1,134,698,000		1,134,698,000	451,518,549	(683,179,451)
Financial Institutions Tax	-		-	324,145	324,145
Oil And Gas Production Tax	155,569,998		155,569,998	83,379,177	(72,190,821)
Oil Extraction Tax	144,430,002		144,430,002	116,620,823	(27,809,179)
Insurance Premium Tax	91,830,364		91,830,364	55,575,373	(36,254,991)
Cigarette, Cigar and Tobacco Tax	61,334,000		61,334,000	29,049,715	(32,284,285)
Wholesale Liquor Tax	18,995,000		18,995,000	9,025,988	(9,969,012)
Coal Conversion Tax	39,578,000		39,578,000	22,189,976	(17,388,024)
Gaming Tax	7,106,250		7,106,250	3,457,054	(3,649,196)
Lottery	15,260,000		15,260,000	9,580,000	(5,680,000)
Department Fees and Collections	73,883,318		73,883,318	41,644,520	(32,238,798)
Mineral Leasing Fees	19,667,704		19,667,704	13,801,576	(5,866,128)
Motor Vehicle Excise Tax	314,324,000		314,324,000	106,332,785	(207,991,215)
Interest on Public Funds	20,999,500		20,999,500	12,383,371	(8,616,129)
Gas Tax Administration	2,030,496		2,030,496	1,091,154	(939,342)
Transfers In	670,775,000		670,775,000	661,434,893	(9,340,107)
Total Revenue Inflows	5,638,508,192	-	5,638,508,192	2,542,778,673	(3,095,729,519)
Amounts Available for Appropriation	6,237,172,270	-	6,237,172,270	3,039,500,908	(3,197,671,362)
<b>Charges to Appropriations (Outflows):</b>					
<b>General Government:</b>					
Governor's Office	4,499,475	(182,229)	4,317,246	1,969,404	2,347,842
Secretary of State	9,764,808	169,229	9,934,037	3,797,496	6,136,541
Secretary of State Public Printing	320,500	(30,455)	290,045	202,611	87,434
Office of Management and Budget	43,988,258	2,850,691	46,838,949	19,152,615	27,686,334
Information Technology	27,905,987	(421,943)	27,484,044	12,349,661	15,134,383
State Auditor	10,461,832	(343,704)	10,118,128	4,729,780	5,388,348
State Treasurer	260,057,355	(10,515,243)	249,542,112	125,317,733	124,224,379
Attorney General	55,376,870	(2,242,312)	53,134,558	23,845,208	29,289,350
Tax Department	58,769,918	(2,337,416)	56,432,502	24,588,288	31,844,214
Legislative Assembly	15,885,367	1,546,759	17,432,126	4,838,637	12,593,489
Legislative Council	13,439,133	4,858,858	18,297,991	5,883,641	12,414,350
Supreme Court	112,630,994	-	112,630,994	52,699,618	59,931,376
Legal Counsel for Indigents	18,304,103	(738,125)	17,565,978	8,406,234	9,159,744
<b>Education:</b>					
Public Instruction	1,820,982,952	(71,295,989)	1,749,686,963	803,445,980	946,240,983
Land Department	-	5,985,909	5,985,909	3,301,991	2,683,918
State Library	6,773,655	(274,333)	6,499,322	3,132,280	3,367,042
School for the Deaf	9,140,590	(220,468)	8,920,122	3,893,784	5,026,338
School for the Blind	5,081,484	(205,800)	4,875,684	2,527,879	2,347,805
Vocational Education	33,920,062	(1,373,763)	32,546,299	15,646,680	16,899,619
<b>Health &amp; Human Services:</b>					
Dept. of Health	51,521,680	(1,724,349)	49,797,331	22,634,941	27,162,390
Veteran's Home	8,697,725	(117,579)	8,580,146	5,531,012	3,049,134
Indian Affairs Commission	1,217,245	(49,298)	1,167,947	532,000	635,946
Veteran's Affairs	1,612,495	(51,350)	1,561,145	778,825	782,320
Dept. of Human Services-Management	66,173,438	18,190,627	84,364,065	40,484,016	43,880,049
Dept. of Human Services-Program and Policy	1,054,408,091	(41,237,756)	1,013,170,335	508,509,604	504,660,731
Dept. of Human Services-Centers	211,621,304	(4,210,375)	207,410,929	115,088,559	92,322,370
Protection and Advocacy	3,034,111	(30,107)	3,004,004	1,369,015	1,634,989
Job Service	2,116,191	(78,506)	2,037,685	1,184,637	853,048
<b>Regulatory:</b>					
Industrial Commission	34,966,173	(538,496)	34,427,677	12,930,684	21,496,993
Labor Commission	2,511,761	(111,726)	2,400,035	1,000,489	1,399,546
Public Service Commission	7,935,207	(316,256)	7,618,951	3,263,081	4,355,870
Securities Commissioner	2,237,326	(90,612)	2,146,714	996,540	1,150,174
<b>Public Safety and Corrections:</b>					
Highway Patrol	46,656,563	(1,022,091)	45,634,472	21,665,538	23,968,934
Corrections & Rehab	215,387,242	(8,116,675)	207,270,567	99,932,835	107,337,732
Adjutant General	33,033,118	2,529,365	35,562,483	15,522,149	20,040,334
<b>Agriculture &amp; Commerce:</b>					
Department of Commerce	56,203,701	2,011,845	58,215,546	31,878,121	26,337,425
Department of Agriculture	11,581,056	(469,033)	11,112,023	5,020,953	6,091,070
State Fair	1,070,000	(43,335)	1,026,665	434,802	591,863
Racing Commission	415,004	(16,808)	398,196	194,372	203,824
<b>Natural Resources:</b>					
Historical Society	21,592,039	(490,425)	21,101,614	9,439,602	11,662,012
Council on the Arts	1,744,723	(68,261)	1,676,462	734,134	942,328
Parks and Recreation	33,294,213	(848,658)	32,445,555	11,919,301	20,526,254
<b>Transportation:</b>					
Aeronautics Commission	1,000,000	(40,500)	959,500	859,990	99,510
Department of Transportation	636,375,558	(5,388,107)	630,987,451	545,612,856	85,374,595
Transfers Out	1,012,453,371	16,757,745	1,029,211,116	508,296,521	520,914,595
<b>Total Charges to Appropriations</b>	<b>6,026,162,678</b>	<b>(100,341,055)</b>	<b>5,925,821,623</b>	<b>3,085,544,098</b>	<b>2,840,277,525</b>
<b>Ending Budgetary Fund Balance</b>	<b>\$ 211,009,592</b>	<b>\$ 100,341,055</b>	<b>\$ 311,350,647</b>	<b>\$ (46,043,190)</b>	<b>\$ (357,393,837)</b>

# STATE OF NORTH DAKOTA

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## Required Supplemental Information Budgetary Comparison Schedule Budget to GAAP Reconciliation General Fund

For the Fiscal Year Ended June 30, 2016

Explanation of Differences between Budgetary Inflows and Outflows and GAAP Revenues and for the General Fund Expenditures

### Sources/Inflows of resources

Actual Amounts (budgetary basis) "total revenue inflows" from the budgetary comparison schedule	2,542,778,673
Differences-Budget to GAAP:	
The period of availability for revenue recognition for budget purposes differs from the GAAP basis.	(761,422,753)
Funds considered General funds for GAAP but not for Budget	802,370,429
Certain due from other funds are recorded under GAAP, but not Budget	11,708
Reimbursement activity between state agencies is eliminated only for GAAP	(407,714)
Proceeds are recorded for new capital leases on GAAP, but not for Budget	71,653
Repayment received on loan receivable are revenue for Budget to GAAP	109,625
Total revenues, capital lease acquisitions, and transfers as reported on the statement of revenues, expenditures, and changes in fund balance-governmental funds	<u>\$ 2,583,511,621</u>

### Uses/Outflows of resources

Actual amounts (budgetary basis) "total charges to appropriations" from the budgetary comparison schedule	3,085,544,098
Differences-Budget to GAAP:	
Estimated liabilities are recorded as expenditures for GAAP but not for Budget	(59,511,461)
Funds considered General funds for GAAP but not for Budget	50,447,366
New capital leases are recorded as expenditures for GAAP, but not for Budget	71,653
Certain due to other funds are recorded under GAAP, but not for Budget	47,996,010
Total expenditures, sale of capital assets, and transfers as reported on the statement of revenues, expenditures, and changes in fund balance-governmental funds	<u>\$ 3,124,547,666</u>

# STATE OF NORTH DAKOTA

## Required Supplemental Information Budgetary Comparison Schedule Federal Fund For the Fiscal Year Ended June 30, 2016

	Approved Budget 2015-2017 Biennium	Appropriation Adjustments 2015-2017 Biennium	Adjusted Budget 2015-2017 Biennium	Actual Biennium To Date Thru 6-30-16	Difference Uncollected/ Unspent Thru 6-30-16
<b>Budgetary Fund Balance, July 1</b>	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Resources (Inflows):</b>					
Other Budgeted Income	3,603,313,311	82,725,456	3,686,038,767	1,599,264,681	(2,086,774,086)
<b>Total Revenue Inflows</b>	<b>3,603,313,311</b>	<b>82,725,456</b>	<b>3,686,038,767</b>	<b>1,599,264,681</b>	<b>(2,086,774,086)</b>
Amounts Available for Appropriation	3,603,313,311	82,725,456	3,686,038,767	1,599,264,681	2,086,774,086
<b>Charges to Appropriations (Outflows):</b>					
General Government:					
Secretary of State	1,508,535	-	1,508,535	710,478	798,057
Information Technology	3,088,121	-	3,088,121	573,581	2,514,540
State Auditor	1,497,451	-	1,497,451	561,249	936,202
Attorney General	9,224,049	-	9,224,049	2,437,598	6,786,451
Tax Department	125,000	-	125,000	15,580	109,420
Supreme Court	1,922,150	-	1,922,150	848,110	1,074,040
Education:					
Public Instruction	288,125,283	-	288,125,283	136,087,979	152,037,304
State Library	2,346,899	-	2,346,899	1,021,149	1,325,750
School for the Deaf	336,544	-	336,544	141,013	195,531
Vocational Education	9,542,913	-	9,542,913	4,629,071	4,913,842
Health & Human Services:					
Dept. of Health	123,502,877	(445,437)	123,057,440	53,483,329	69,574,111
Veteran's Affairs	288,018	1,328,865	1,616,883	332,757	1,284,126
Dept. of Human Services-Management	117,547,014	66,388,386	183,935,400	82,506,316	101,429,084
Dept. of Human Services-Program and Policy	1,914,059,547	125,876	1,914,185,423	903,834,289	1,010,351,134
Dept. of Human Services-Centers	100,644,277	(13,540)	100,630,737	30,437,033	70,193,704
Protection and Advocacy	3,432,853	-	3,432,853	1,638,524	1,794,329
Job Service	69,777,470	-	69,777,470	21,989,056	47,788,414
Regulatory:					
Insurance Department	622,788	-	622,788	262,345	360,443
Industrial Commission	237,934	-	237,934	130,550	107,384
Labor Commission	437,832	-	437,832	280,050	157,782
Public Service Commission	12,877,230	-	12,877,230	4,601,483	8,275,747
Public Safety and Corrections:					
Highway Patrol	6,375,211	-	6,375,211	2,769,336	3,605,875
Corrections & Rehab	5,733,326	-	5,733,326	3,688,398	2,044,928
Adjutant General	185,048,805	15,332,076	200,380,881	53,937,563	146,443,318
Agriculture & Commerce:					
Department of Commerce	55,438,817	-	55,438,817	21,197,642	34,241,175
Department of Agriculture	11,815,585	229,500	12,045,085	4,124,673	7,920,412
Natural Resources:					
Historical Society	3,299,901	-	3,299,901	848,537	2,451,364
Council on the Arts	1,681,952	-	1,681,952	705,182	976,770
Game and Fish	32,924,164	93,730	33,017,894	12,833,645	20,184,249
Parks and Recreation	5,597,809	(314,000)	5,283,809	1,418,997	3,864,812
Water Commission	15,631,225	-	15,631,225	3,018,623	12,612,602
Transportation:					
Aeronautics Commission	2,160,000	-	2,160,000	762,318	1,397,682
Department of Transportation	616,461,731	-	616,461,731	247,438,227	369,023,504
<b>Total Charges to Appropriations</b>	<b>3,603,313,311</b>	<b>82,725,456</b>	<b>3,686,038,767</b>	<b>1,599,264,681</b>	<b>2,086,774,086</b>
<b>Ending Budgetary Fund Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

# STATE OF NORTH DAKOTA

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## Required Supplemental Information Budgetary Comparison Schedule Budget to GAAP Reconciliation Federal Fund

For the Fiscal Year ended June 30, 2016

Explanation of Differences between Budgetary Inflows and Outflows and GAAP Revenues and for the Federal Fund Expenditures

### Sources/Inflows of resources

Actual Amounts (budgetary basis) "total revenue inflows" from the budgetary comparison schedule	1,599,264,681
Differences-Budget to GAAP:	
The period of availability for revenue recognition for budget purposes differs from the GAAP basis.	27,067,136
Total revenues, capital lease acquisitions, and transfers as reported on the statement of revenues, expenditures, and changes in fund balance-governmental funds	<u>\$ 1,626,331,817</u>

### Uses/Outflows of resources

Actual amounts (budgetary basis) "total charges to appropriations" from the budgetary comparison schedule	1,599,264,681
Differences-Budget to GAAP:	
Estimated liabilities are recorded as expenditures for GAAP but not for Budget	58,856,197
New Loans issued are expenditures for Budget but not for GAAP	(7,934,431)
GAAP, but not Budget expenditures are reduced by year end inventory balances	14,398,928
Intrafund activity eliminated for GAAP	(8,393,807)
Certain due to other funds are recorded under GAAP, but not for Budget	(7,929,684)
Total expenditures, sale of capital assets, and transfers as reported on the statement of revenues, expenditures, and changes in fund balance-governmental funds	<u>\$ 1,648,261,884</u>

# STATE OF NORTH DAKOTA

## Required Supplemental Information Budgetary Comparison Schedule State Fund For the Fiscal Year Ended June 30, 2016

	Approved Budget 2015-2017 Biennium	Appropriation Adjustments 2015-2017 Biennium	Adjusted Budget 2015-2017 Biennium	Actual Biennium To Date Thru 6-30-16	Difference Uncollected/ Unspent Thru 6-30-16
<b>Budgetary Fund Balance, July 1</b>	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Resources (Inflows):</b>					
Other Budgeted Income	4,098,651,377	332,717,801	4,431,369,178	1,773,609,858	(2,657,759,320)
Total Revenue Inflows	4,098,651,377	332,717,801	4,431,369,178	1,773,609,858	(2,657,759,320)
Amounts Available for Appropriation	4,098,651,377	332,717,801	4,431,369,178	1,773,609,858	(2,657,759,320)
<b>Charges to Appropriations (Outflows):</b>					
General Government:					
Secretary of State	2,075,001	314,006	2,389,007	900,731	1,488,276
Office of Management & Budget	22,725,390	(3,105,657)	19,619,733	4,436,147	15,183,586
Information Technology	148,624,918	-	148,624,918	63,553,281	85,071,637
State Auditor	2,008,419	-	2,008,419	884,002	1,124,417
Attorney General	26,676,736	3,176,539	29,853,275	10,110,197	19,743,078
Administrative Hearings	2,965,651	-	2,965,651	1,267,772	1,697,879
Legislative Council	70,000	-	70,000	53,258	16,742
Supreme Court	444,656	-	444,656	181,615	263,041
Legal Counsel for Indigents	2,106,914	-	2,106,914	961,358	1,145,556
Education:					
Public Instruction	220,507,190	72,258,143	292,765,333	183,022,784	109,742,549
Land Department	148,243,153	3,150	148,246,303	30,720,646	117,525,657
State Library	91,852	-	91,852	64,421	27,431
School for the Deaf	1,352,666	74,511	1,427,177	458,396	968,781
School for the Blind	625,325	-	625,325	67,589	557,736
Vocational Education	154,974	131,804	286,778	3,085	283,693
Health & Human Services:					
Dept. of Health	20,668,087	699,313	21,367,400	9,752,811	11,614,589
Tobacco Prevention & Control	16,548,039	-	16,548,039	7,455,833	9,092,206
Veteran's Home	15,014,298	1,147,125	16,161,423	6,274,302	9,887,121
Dept. of Human Services-Management	417,126	1,497,870	1,914,996	583,750	1,331,246
Dept. of Human Services-Program and Policy	80,968,429	19,092	80,987,521	30,654,089	50,333,432
Dept. of Human Services-Centers	32,132,524	(708,614)	31,423,910	13,126,778	18,297,132
Job Service	690,396	-	690,396	127,214	563,182
Regulatory:					
Insurance Department	27,623,558	-	27,623,558	12,675,535	14,948,023
Industrial Commission	30,381,835	-	30,381,835	17,208,446	13,173,389
Public Service Commission	1,423,345	-	1,423,345	190,840	1,232,505
Financial Institutions	8,455,767	-	8,455,767	3,810,882	4,644,885
Securities Commission	170,000	-	170,000	24,931	145,069
Public Safety and Corrections:					
Highway Patrol	6,687,330	-	6,687,330	3,343,665	3,343,665
Corrections & Rehab	32,629,380	-	32,629,380	12,521,729	20,107,651
Adjutant General	23,103,722	7,270,965	30,374,687	7,208,470	23,166,217
Agriculture & Commerce:					
Department of Commerce	19,730,656	2,281,060	22,011,716	7,935,052	14,076,664
Department of Agriculture	9,902,468	-	9,902,468	3,935,455	5,967,013
Racing Commission	158,730	-	158,730	49,677	109,053
Natural Resources:					
Historical Society	3,475,000	-	3,475,000	-	3,475,000
Council of Arts	63,515	100,000	163,515	3,099	160,416
Game and Fish	44,307,575	1,064,157	45,371,732	18,436,349	26,935,383
Parks and Recreation	9,265,026	748,429	10,013,455	4,341,875	5,671,580
Water Commission	1,143,304,611	-	1,143,304,611	302,985,583	840,319,028
Transportation:					
Aeronautics Commission	8,162,827	1,888,909	10,051,736	3,478,730	6,573,006
Department of Transportation	1,984,694,288	243,856,999	2,228,551,287	1,010,799,481	1,217,751,806
Total Charges to Appropriations	4,098,651,377	332,717,801	4,431,369,178	1,773,609,858	2,657,759,320
Ending Budgetary Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -

# STATE OF NORTH DAKOTA

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## Required Supplemental Information Budgetary Comparison Schedule Budget to GAAP Reconciliation State Fund

For the Fiscal Year ended June 30, 2016

Explanation of Differences between Budgetary Inflows and Outflows and GAAP Revenues and for the State Fund Expenditures

### Sources/Inflows of resources

Actual Amounts (budgetary basis) "total revenue inflows" from the budgetary comparison schedule	1,773,609,858
Differences-Budget to GAAP:	
The period of availability for revenue recognition for budget purposes differs from the GAAP basis.	463,574,056
Total revenues, capital lease acquisitions, and transfers as reported on the statement of revenues, expenditures, and changes in fund balance-governmental funds	<u>\$ 2,237,183,914</u>

### Uses/Outflows of resources

Actual amounts (budgetary basis) "total charges to appropriations" from the budgetary comparison schedule	1,773,609,858
Differences-Budget to GAAP:	
Estimated liabilities are recorded as expenditures for GAAP but not for Budget	1,686,489,331
New Loans issued are expenditures for Budget but not for GAAP	(20,400,290)
GAAP, but not Budget expenditures are reduced by year end inventory balances	456,914
Intrafund activity eliminated for GAAP	(695,883,355)
Certain due to other funds are recorded under GAAP, but not for Budget	2,886,514
Total expenditures, sale of capital assets, and transfers as reported on the statement of revenues, expenditures, and changes in fund balance-governmental funds	<u>\$ 2,747,158,972</u>

## **STATE OF NORTH DAKOTA**

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### **Note To Required Supplemental Information - Budgetary Reporting For the Fiscal Year Ended June 30, 2016**

The Budgetary Comparison Schedules present comparisons of the original and revised legally adopted budgets with actual data on a budgetary basis for major funds. The only major fund with a legally adopted budget is the General Fund. All other funds are budgeted together as "Other Budgeted Funds." A budgetary schedule has been done for these other funds because they include budgeted amounts for the Federal Fund and State Funds, which are major special revenue funds. These amounts are reported on the schedules entitled "Federal Funds" and "State Funds".

North Dakota's Appropriation Acts include a dual legal level of budgetary control - one at the General Fund versus Other Budget Income level for each agency and one at the line item level for each agency. Line items are not separate between General Fund and Other Budgeted Income so that control is not presented in our budgetary comparison schedule for major funds. The legal level of control for all agencies is reported in a publication titled "State of North Dakota 2015-2017 Biennium Budget and Actual Detail (Budgetary Basis) For the Fiscal Year Ended June 30, 2016." This budget information is available through the Office of Management and Budget, 600 East Boulevard Ave Dept. 110, Bismarck, ND 58505. For the 2015-2017 biennium there were general, federal, and special fund supplemental appropriations of \$315,102,202.

The Budgetary Comparison Schedule reports expenditures on a budgetary basis. The accounting principles applied for purposes of developing data on a budgetary basis differ from those used to present the financial statements in accordance with GAAP. Reconciliations of the three for the Fiscal Year ended June 30, 2016, for the General Fund, Federal Fund, and State Fund is on the previous pages.

# STATE OF NORTH DAKOTA

**Required Supplementary Information**  
**Schedule of State's Share of Net Pension Liability**  
**North Dakota Public Employee Retirement System**  
**Last 10 Fiscal Years\***  
(Dollars in thousands)

	Employer's proportion of the net pension liability (asset)	Employer's proportionate share of the net pension liability (asset)	Employer's covered-employee payroll	Plan fiduciary net position	Employer's proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll	Plan fiduciary net position as a percentage of the total pension liability
2016	54.824190%	\$ 365,845	\$ 494,732	\$ 1,300,271	73.97%	77.70%
2015	55.154588%	348,760	477,406	1,258,398	73.05%	78.17%

\*Complete data for this schedule is not available prior to 2015. Amounts presented for each fiscal year have a measurement date of the previous fiscal year end.

**Required Supplementary Information**  
**Schedule of State's Contributions**  
**North Dakota Public Employee Retirement System**  
**Last 10 Fiscal Years\***  
(Dollars in thousands)

	Statutorily required contribution	Contributions in relation to the statutorily required contribution	Contribution deficiency (excess)	Employer's covered-employee payroll	Contributions as a percentage of covered-employee payroll
2016	\$ 39,895	\$ (40,330)	\$ (435)	\$ 557,750	7.15%
2015	37,076	(37,571)	(495)	494,732	7.59%

\*Complete data for this schedule is not available prior to 2015.



# STATE OF NORTH DAKOTA

**Required Supplementary Information**  
**Schedule of State's Share of Net Pension Liability**  
**North Dakota Highway Patrolmen's Retirement System**  
**Last 10 Fiscal Years\***  
(Dollars in thousands)

	Employer's proportion of the net pension liability (asset)	Employer's proportionate share of the net pension liability (asset)	Employer's covered-employee payroll	Plan fiduciary net position	Employer's proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll	Plan fiduciary net position as a percentage of the total pension liability
2016	100.00%	\$ 13,436	\$ 10,146	\$ 66,676	132.44%	83.23%
2015	100.00%	9,766	9,348	65,667	104.47%	87.05%

\*Complete data for this schedule is not available prior to 2015. Amounts presented for each fiscal year have a measurement date of the previous fiscal year end.

**Required Supplementary Information**  
**Schedule of State's Contributions**  
**North Dakota Highway Patrolmen's Retirement System**  
**Last 10 Fiscal Years\***  
(Dollars in thousands)

	Statutorily required contribution	Contributions in relation to the statutorily required contribution	Contribution deficiency (excess)	Employer's covered-employee payroll	Contributions as a percentage of covered-employee payroll
2016	\$ 2,127	\$ (2,127)	\$ -	\$ 10,799	19.70%
2015	2,002	(2,002)	-	10,146	19.73%

\*Complete data for this schedule is not available prior to 2015.

# STATE OF NORTH DAKOTA

**Required Supplementary Information**  
**Schedule of State's Share of Net Pension Liability**  
**Retirement Plan for the Employees of Job Service North Dakota**  
**Last 10 Fiscal Years\***  
(Dollars in thousands)

	Employer's proportion of the net pension liability (asset)	Employer's proportionate share of the net pension liability (asset)	Employer's covered-employee payroll	Plan fiduciary net position	Employer's proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll	Plan fiduciary net position as a percentage of the total pension liability
2016	100.00%	\$ (32,893)	\$ 674	\$ 96,283	(4,881.44)%	151.89%
2015	100.00%	(32,650)	753	97,697	(4,336.02)%	150.20%

\*Complete data for this schedule is not available prior to 2015. Amounts presented for each fiscal year have a measurement date of the previous fiscal year end.

**Required Supplementary Information**  
**Schedule of State's Contributions**  
**Retirement Plan for the Employees of Job Service North Dakota**  
**Last 10 Fiscal Years\***  
(Dollars in thousands)

	Statutorily required contribution	Contributions in relation to the statutorily required contribution	Contribution deficiency (excess)	Employer's covered-employee payroll	Contributions as a percentage of covered-employee payroll
2016	\$ -	\$ -	\$ -	\$ 674	0.00%
2015	-	-	-	753	0.00%

\*Complete data for this schedule is not available prior to 2015.

# STATE OF NORTH DAKOTA

**Required Supplementary Information**  
**Schedule of State's Share of Net Pension Liability**  
**North Dakota Teachers' Fund for Retirement**  
**Last 10 Fiscal Years\***  
(Dollars in thousands)

	Employer's proportion of the net pension liability (asset)	Employer's proportionate share of the net pension liability (asset)	Employer's covered-employee payroll	Plan fiduciary net position	Employer's proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll	Plan fiduciary net position as a percentage of the total pension liability
2016	0.678409%	\$ 8,873	\$ 4,173	\$ 14,531	212.63%	62.10%
2015	0.616525%	6,460	3,576	12,891	180.64%	66.60%

\*Complete data for this schedule is not available prior to 2015. Amounts presented for each fiscal year have a measurement date of the previous fiscal year end.

**Required Supplementary Information**  
**Schedule of State's Contributions**  
**North Dakota Teachers' Fund for Retirement**  
**Last 10 Fiscal Years\***  
(Dollars in thousands)

	Statutorily required contribution	Contributions in relation to the statutorily required contribution	Contribution deficiency (excess)	Employer's covered-employee payroll	Contributions as a percentage of covered-employee payroll
2016	\$ 528	\$ (528)	\$ -	\$ 4,143	12.75%
2015	532	(532)	-	4,173	12.75%

\*Complete data for this schedule is not available prior to 2015.

# STATE OF NORTH DAKOTA

## Required Supplementary Information Schedule of Changes in Net Pension Liability and Related Ratios North Dakota Public Employee Retirement System Last 10 Fiscal Years\* (Dollars in thousands)

	<u>2016</u>	<u>2015</u>	<u>2014</u>
<b>Total pension liability (asset)</b>			
Service cost	\$ 126,444	\$ 104,158	\$ 94,611
Interest	243,285	236,420	218,719
Change of benefit terms	-	2	-
Difference between expected and actual experience	15,915	4,396	25,783
Changes of assumptions	108,139	(76,152)	-
Benefit payments, including refund of employee contributions	(149,664)	(134,930)	(119,886)
<b>Net change in total pension liability (asset)</b>	<u>344,119</u>	<u>133,894</u>	<u>219,227</u>
<b>Total pension liability (asset) - beginning</b>	<u>3,052,446</u>	<u>2,918,552</u>	<u>2,699,325</u>
<b>Total pension liability (asset) - ending (a)</b>	<u><u>\$ 3,396,565</u></u>	<u><u>\$ 3,052,446</u></u>	<u><u>\$ 2,918,552</u></u>
<b>Plan fiduciary net position</b>			
Contributions - employer	\$ 77,080	\$ 70,842	\$ 61,661
Contributions - employee	74,219	68,392	59,394
Contributions - service credit repurchase	9,179	6,652	8,325
Contributions - other	-	-	-
Net investment income	11,334	81,537	316,630
Transfers from other plans	23,575		
Benefit payments, including refund of employee contributions	(149,664)	(134,930)	(119,886)
Administrative expense	(2,538)	(2,365)	(2,211)
<b>Net change in plan fiduciary net position</b>	<u>43,185</u>	<u>90,128</u>	<u>323,913</u>
Plan fiduciary net position - beginning	<u>2,371,711</u>	<u>2,281,583</u>	<u>1,957,670</u>
Plan fiduciary net position - ending (b)	<u><u>\$ 2,414,896</u></u>	<u><u>\$ 2,371,711</u></u>	<u><u>\$ 2,281,583</u></u>
<b>Net pension liability (asset) - ending (a) - (b)</b>	<u><u>\$ 981,669</u></u>	<u><u>\$ 680,735</u></u>	<u><u>\$ 636,969</u></u>
Plan fiduciary net position as a percentage of the total pension liability (asset)	71.10%	77.70%	78.18%
Covered employee payroll	\$ 1,048,548	\$ 973,536	\$ 888,452
Plan net pension liability (asset) as a percentage of covered employee payroll	93.62%	69.92%	71.69%

Notes to Schedule:

\*Complete data for this schedule is not available prior to 2014.

Benefit Changes: New employer contribution rates were adopted beginning July 1, 2016 for members of the BCI plan, which are a part of the Law Enforcement System. Those changes are reflected in the results for June 30, 2015.

New employer and member contribution rates were adopted beginning August 1, 2015 for members of the National Guard system who were transferred to the Law Enforcement System. Those changes are reflected in the results for June 30, 2015.

New employer and member contribution rates were adopted beginning January 1, 2014 for PERS. Those changes are reflected in the results for June 30, 2014 and after.

Changes of Assumptions: The actuarial assumptions used in the July 1, 2016 and 2015 valuation were based on the results of an experience study for the period July 1, 2009 to June 30, 2014.

# STATE OF NORTH DAKOTA

## Required Supplementary Information Schedule of Changes in Net Pension Liability and Related Ratios North Dakota Highway Patrolmen's Retirement System Last 10 Fiscal Years\* (Dollars in thousands)

	<u>2016</u>	<u>2015</u>	<u>2014</u>
<b>Total pension liability (asset)</b>			
Service cost	\$ 2,226	\$ 2,038	\$ 1,894
Interest	6,311	6,008	5,750
Change of benefit terms	-	-	-
Difference between expected and actual experience	40	984	(300)
Changes of assumptions	3,946	395	-
Benefit payments, including refund of employee contributions	(4,713)	(4,746)	(3,784)
<b>Net change in total pension liability (asset)</b>	<u>7,810</u>	<u>4,679</u>	<u>3,560</u>
<b>Total pension liability (asset) - beginning</b>	<u>80,112</u>	<u>75,433</u>	<u>71,873</u>
<b>Total pension liability (asset) - ending (a)</b>	<u><u>\$ 87,922</u></u>	<u><u>\$ 80,112</u></u>	<u><u>\$ 75,433</u></u>
<b>Plan fiduciary net position</b>			
Contributions - employer	\$ 2,127	\$ 2,002	\$ 1,865
Contributions - employee	1,436	1,352	1,243
Contributions - service credit repurchase	-	97	87
Contributions - other	-	-	-
Net investment income	317	2,335	9,240
Benefit payments, including refund of employee contributions	(4,713)	(4,746)	(3,784)
Administrative expense	(32)	(31)	(28)
<b>Net change in plan fiduciary net position</b>	<u>(865)</u>	<u>1,009</u>	<u>8,623</u>
Plan fiduciary net position - beginning	<u>66,676</u>	<u>65,667</u>	<u>57,044</u>
Plan fiduciary net position - ending (b)	<u><u>\$ 65,811</u></u>	<u><u>\$ 66,676</u></u>	<u><u>\$ 65,667</u></u>
<b>Net pension liability (asset) - ending (a) - (b)</b>	<u><u>\$ 22,111</u></u>	<u><u>\$ 13,436</u></u>	<u><u>\$ 9,766</u></u>
Plan fiduciary net position as a percentage of the total pension liability (asset)	74.85%	83.23%	87.05%
Covered employee payroll	\$ 10,527	\$ 10,146	\$ 9,348
Plan net pension liability (asset) as a percentage of covered employee payroll	210.04%	132.44%	104.47%

Notes to Schedule:

\*Complete data for this schedule is not available prior to 2014.

Benefit Changes: New employer and member contribution rates were adopted beginning January 1, 2014 for PERS. Those changes are reflected in the results for June 30, 2014 and after.

Changes of Assumptions: The actuarial assumptions used in the July 1, 2016 and 2015 valuation were based on the results of an experience study for the period July 1, 2009 to June 30, 2014.

# STATE OF NORTH DAKOTA

## Required Supplementary Information Schedule of Changes in Net Pension Liability and Related Ratios Retirement Plan for the Employees of Job Service North Dakota Last 10 Fiscal Years\* (Dollars in thousands)

	<u>2016</u>	<u>2015</u>	<u>2014</u>
<b>Total pension liability (asset)</b>			
Service cost	\$ 71	\$ 128	\$ 88
Interest	4,281	5,026	5,107
Change of benefit terms	-	-	-
Difference between expected and actual experience	(2,007)	(1,806)	(1,607)
Changes of assumptions	70	(310)	-
Benefit payments, including refund of employee contributions	(4,601)	(4,694)	(4,595)
<b>Net change in total pension liability (asset)</b>	<u>(2,186)</u>	<u>(1,656)</u>	<u>(1,007)</u>
<b>Total pension liability (asset) - beginning</b>	63,390	65,046	66,053
<b>Total pension liability (asset) - ending (a)</b>	<u>\$ 61,204</u>	<u>\$ 63,390</u>	<u>\$ 65,046</u>
<b>Plan fiduciary net position</b>			
Contributions - employer	\$ -	\$ -	\$ -
Contributions - employee	44	50	56
Contributions - service credit repurchase	-	-	-
Contributions - other	-	-	-
Net investment income	4,840	3,260	11,888
Benefit payments, including refund of employee contributions	(4,601)	(4,694)	(4,595)
Administrative expense	(32)	(30)	(31)
<b>Net change in plan fiduciary net position</b>	<u>251</u>	<u>(1,414)</u>	<u>7,318</u>
Plan fiduciary net position - beginning	96,283	97,697	90,379
Plan fiduciary net position - ending (b)	<u>\$ 96,534</u>	<u>\$ 96,283</u>	<u>\$ 97,697</u>
<b>Net pension liability (asset) - ending (a) - (b)</b>	<u>\$ (35,330)</u>	<u>\$ (32,893)</u>	<u>\$ (32,651)</u>
Plan fiduciary net position as a percentage of the total pension liability (asset)	157.72%	151.89%	150.20%
Covered employee payroll	\$ 567	\$ 791	\$ 843
Plan net pension liability (asset) as a percentage of covered employee payroll	-6256.45%	-4160.24%	-3874.93%

Notes to Schedule:

\*Complete data for this schedule is not available prior to 2014.

Benefit Changes: There were no changes made in the plan provisions since the valuation.

Changes of Assumptions: There were no changes made in the plan provisions since the prior Valuation Changes of Assumptions: The actuarial assumptions used in the July 1, 2016 and 2015 valuation were based on the results of an experience study for the period July 1, 2009 to June 30, 2014.

# STATE OF NORTH DAKOTA

## Required Supplementary Information Schedule of Changes in Net Pension Liability and Related Ratios North Dakota Teachers' Fund for Retirement Last 10 Fiscal Years\* (Dollars in thousands)

	<u>2016</u>	<u>2015</u>	<u>2014</u>
<b>Total pension liability (asset)</b>			
Service cost	\$ 68,239	\$ 60,618	\$ 56,752
Interest	265,440	249,064	237,821
Change of benefit terms	-	-	-
Difference between expected and actual experience	(8,093)	2,209	9,347
Changes of assumptions	-	171,325	-
Benefit payments, including refund of employee contributions	<u>(185,969)</u>	<u>(172,239)</u>	<u>(162,259)</u>
<b>Net change in total pension liability (asset)</b>	<u>139,617</u>	<u>310,977</u>	<u>141,661</u>
<b>Total pension liability (asset) - beginning</b>	<u>3,449,777</u>	<u>3,138,800</u>	<u>2,997,139</u>
<b>Total pension liability (asset) - ending (a)</b>	<u><u>\$ 3,589,394</u></u>	<u><u>\$ 3,449,777</u></u>	<u><u>\$ 3,138,800</u></u>
<b>Plan fiduciary net position</b>			
Contributions - employer	\$ 82,840	\$ 78,422	\$ 62,355
Contributions - employee	76,343	72,268	56,555
Contributions - service credit repurchase	2,768	1,601	2,034
Contributions - other	45	172	48
Net investment income	8,239	73,205	294,246
Benefit payments, including refund of employee contributions	<u>(185,969)</u>	<u>(172,239)</u>	<u>(162,259)</u>
Administrative expense	<u>(1,852)</u>	<u>(1,923)</u>	<u>(1,586)</u>
<b>Net change in plan fiduciary net position</b>	<u>(17,586)</u>	<u>51,506</u>	<u>251,393</u>
Plan fiduciary net position - beginning**	<u>2,141,921</u>	<u>2,090,415</u>	<u>1,839,584</u>
Plan fiduciary net position - ending (b)	<u><u>\$ 2,124,335</u></u>	<u><u>\$ 2,141,921</u></u>	<u><u>\$ 2,090,977</u></u>
<b>Net pension liability (asset) - ending (a) - (b)</b>	<u><u>\$ 1,465,059</u></u>	<u><u>\$ 1,307,856</u></u>	<u><u>\$ 1,047,823</u></u>
Plan fiduciary net position as a percentage of the total pension liability (asset)	59.20%	62.10%	66.60%
Covered employee payroll	\$ 649,725	\$ 615,105	\$ 580,053
Plan net pension liability (asset) as a percentage of covered employee payroll	225.50%	212.60%	180.60%

Notes to Schedule:

\*Complete data for this schedule is not available prior to 2014.

\*\*Restated in 2015 due to GASB 68 implementation.

Changes of Assumptions: In 2015, amounts reported as changes of assumptions resulted primarily from a decrease in the investment return assumption from 8% to 7.75% and an updated mortality improvement scale.

# STATE OF NORTH DAKOTA

## Required Supplementary Information Schedule of Employer Contributions Last 10 Fiscal Years\* (Dollars in thousands)

### NDPERS

	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>
Actuarially determined contribution	\$ 124,336	\$ 107,514	\$ 107,864	\$ 97,985	\$ 91,458	\$ 82,910	\$ 54,158	\$ 40,327	\$ 35,875	\$ 38,185
Contributions in relation to the actuarially determined contribution	<u>77,081</u>	<u>70,843</u>	<u>61,661</u>	<u>48,847</u>	<u>38,006</u>	<u>32,278</u>	<u>30,253</u>	<u>27,705</u>	<u>25,254</u>	<u>23,441</u>
Contribution deficiency (excess)	<u>\$ 47,255</u>	<u>\$ 36,671</u>	<u>\$ 46,203</u>	<u>\$ 49,138</u>	<u>\$ 53,452</u>	<u>\$ 50,632</u>	<u>\$ 23,905</u>	<u>\$ 12,622</u>	<u>\$ 10,621</u>	<u>\$ 15,044</u>
Covered-employee payroll	1,048,548	973,536	888,452	800,878	804,169	769,710	697,737	640,685	582,287	547,006
Contributions as a percentage of covered-employee payroll	7.35%	7.28%	6.94%	6.10%	4.73%	4.19%	4.34%	4.32%	4.34%	4.23%

### HPRS

	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>
Actuarially determined contribution	\$ 2,307	\$ 2,201	\$ 2,348	\$ 2,191	\$ 2,171	\$ 1,744	\$ 1,313	\$ 1,026	\$ 924	\$ 1,083
Contributions in relation to the actuarially determined contribution	<u>2,127</u>	<u>2,002</u>	<u>1,865</u>	<u>1,586</u>	<u>1,423</u>	<u>1,286</u>	<u>1,197</u>	<u>1,123</u>	<u>1,059</u>	<u>960</u>
Contribution deficiency (excess)	<u>\$ 180</u>	<u>\$ 199</u>	<u>\$ 483</u>	<u>\$ 605</u>	<u>\$ 748</u>	<u>\$ 458</u>	<u>\$ 116</u>	<u>\$ (97)</u>	<u>\$ (135)</u>	<u>\$ 123</u>
Covered-employee payroll	10,527	10,146	9,348	8,167	8,002	7,738	7,009	6,509	6,129	5,688
Contributions as a percentage of covered-employee payroll	20.21%	19.73%	19.95%	19.42%	17.78%	16.62%	17.08%	17.25%	17.28%	16.88%

### JSND

	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>
Actuarially determined contribution	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contributions in relation to the actuarially determined contribution	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Covered-employee payroll	565	791	843	1,011	1,163	1,266	1,487	1,613	1,843	1,923
Contributions as a percentage of covered-employee payroll	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%



# STATE OF NORTH DAKOTA

## Required Supplementary Information Schedule of Employer Contributions Last 10 Fiscal Years\* (Dollars in thousands)

### TFFR

	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>
Actuarially determined contribution	\$ 84,724	\$ 71,168	\$ 59,530	\$ 52,396	\$ 69,374	\$ 65,113	\$ 52,053	\$ 41,986	\$ 44,115	\$ 50,532
Contributions in relation to the actuarially determined contribution	<u>82,840</u>	<u>78,422</u>	<u>62,355</u>	<u>59,301</u>	<u>46,126</u>	<u>44,545</u>	<u>39,837</u>	<u>37,488</u>	<u>33,684</u>	<u>31,865</u>
Contribution deficiency (excess)	<u>\$ 1,884</u>	<u>\$ (7,254)</u>	<u>\$ (2,825)</u>	<u>\$ (6,905)</u>	<u>\$ 23,248</u>	<u>\$ 20,568</u>	<u>\$ 12,216</u>	<u>\$ 4,498</u>	<u>\$ 10,431</u>	<u>\$ 18,667</u>
Covered-employee payroll	649,725	615,105	580,053	551,656	527,156	509,091	482,868	454,396	434,626	411,167
Contributions as a percentage of covered-employee payroll	12.75%	12.75%	10.75%	10.75%	8.75%	8.75%	8.25%	8.25%	7.75%	7.75%

# STATE OF NORTH DAKOTA

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## Required Supplementary Information Information About the State's Pension Benefit Plans For the Fiscal Year Ended June 30, 2016

### Schedule of Employer Contributions

*Valuation date:* Actuarial determined contribution rates are calculated as of June 30, 12 months prior to the end of the fiscal year in which contributions are reported.

*Methods and assumptions used to determine contributions rates:*

#### **PERS and HPRS:**

Actuarial Cost Method	Entry Age Normal Method. Entry Age is the age at the time the participant commenced employment. Normal Cost and Actuarial Accrued Liability are calculated on an individual basis and are allocated by salary.
Amortization Method	Level percent of payroll, Open Period.
Remaining Amortization Period	20 years open, assuming 4.50% (4.00% for Judges) of payroll growth per annum
Asset Valuation Method	Adjusted fair value that immediately recognized interest and dividends. The procedure recognizes 20% of each year's total appreciation (depreciation) beginning with the year of occurrence. After five years, the appreciation (depreciation) is fully recognized.

#### **JSND:**

Actuarial cost method	Frozen Initial Liability Cost Method. The "annual contribution" under this method is the normal cost plus the payment required to amortize the unfunded initial actuarial accrued liability over a selected period of years. The normal cost is determined by calculating the total value of all future benefits, subtracting the outstanding balance (if any) of the unfunded initial actuarial accrued liability, subtracting the actuarial value of assets, and determining payments (not less than zero) that are a level percent of pay over the future working lifetime of all participants. In the absence of an unfunded initial actuarial accrued liability, the Frozen Initial Liability Actuarial Cost Method is the same as the Aggregate Cost Method. The plan has assets in excess of the present value of future benefits. Therefore, no contribution is being made.
Asset valuation method	Adjusted market value that immediately recognizes interest and dividends. The procedure recognizes 20% of each year's total appreciation (depreciation) beginning with the year of occurrence. After five years, the appreciation (depreciation) is fully recognized.

#### **TFFR:**

Actuarial cost method	Entry age
Amortization method	Level percentage of payroll, closed
Remaining amortization Period	27 years
Asset valuation method	5-year smoothed market
Inflation	2.75%; decreased from 3% prior to July 1, 2015.
Salary increases	4.25% - 14.5%, including inflation and productivity; 4.5% - 14.75% prior to July 1, 2015.
Investment rate of return	7.75%, net of investment expenses, including inflation. Rate was decreased from 8% beginning July 1, 2015.

# STATE OF NORTH DAKOTA

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## **Required Supplementary Information Information About the State's Pension Benefit Plans For the Fiscal Year Ended June 30, 2016**

Retirement age                      In the 2015 valuation, rates of retirement were changed to better reflect anticipated future experience. In the 2010 valuation, expected retirement ages of plan members were adjusted to more closely reflect actual experience.

Mortality                                In the 2015 valuation, assumed life expectancies were adjusted as a result of adopting the RP-2014 mortality tables with generational improvement. In prior years, those assumptions were based on percentages of GRS post termination non-disabled tables and RP-2000 disabled-life tables.

### Schedule of Investment Returns

	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>
Public Employees Retirement System	0.49%	3.61%	16.29%	13.52%
Highway Patrolmen's Retirement System	0.48%	3.66%	16.20%	13.38%
Job Service North Dakota	5.14%	3.41%	13.46%	12.07%
Teachers' Fund for Retirement	0.39%	3.56%	16.35%	13.60%

This schedule is intended to show information for 10 years. Additional years will be displayed as they become available.