

Budget Section
March 21, 2018
Senate Chamber, State Capitol
Bismarck, North Dakota

Presentation by Adam Tescher
Director - School Finance and Organization
Department of Public Instruction

State School Aid Funding Update

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DEPARTMENT OF PUBLIC INSTRUCTION
Kirsten Baesler, State Superintendent
600 East Boulevard Avenue Dept. 201
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FOUNDATION AID STATUS

NORTH DAKOTA DEPARTMENT OF PUBLIC INSTRUCTION

03-2018

	A	B	C	D	E	F	G
	Biennial	Yearly	Actual	Estimated	Estimated Total	Variance	Amount
FISCAL YEAR 2017-2018	Appropriation	Appropriation	Obligations	Additional	Obligations	Est. to Actual	Available
	2017-2019	2017-2018	to date	Obligations	2017-2018	2017-2018	2018-2019
			2017-2018	2017-2018	(Col C + Col D)	(Col B - Col E)	(Col A - Col E)
State Aid Formula Payments	1,926,504,162.00	961,540,001.00	948,400,810.54	-	948,400,810.54	13,139,190.46	978,103,351.46
State Child Placement - Public	4,900,000.00	2,400,000.00	546,235.54	1,853,764.46	2,400,000.00	-	2,500,000.00
State Child Placement - Non-public	3,000,000.00	1,500,000.00	-	1,500,000.00	1,500,000.00	-	1,500,000.00
Gifted and Talented	800,000.00	400,000.00	400,000.00	-	400,000.00	-	400,000.00
State School Aid	1,935,204,162.00	965,840,001.00	949,347,046.08	3,353,764.46	952,700,810.54	13,139,190.46	982,503,351.46
Transportation	55,400,000.00	27,700,000.00	26,426,449.24	-	26,426,449.24	1,273,550.76	28,973,550.76
Special Education Contracts	19,300,000.00	9,500,000.00	4,938,008.40	4,561,991.60	9,500,000.00	-	9,800,000.00
TOTAL	2,009,904,162.00	1,003,040,001.00	980,711,503.72	7,915,756.06	988,627,259.78	14,412,741.22	1,021,276,902.22
			980,711,503.72				
	H	I	J	K	L	M	N
FISCAL YEAR 2018-2019	Amount	Yearly	Actual	Estimated	Estimated Total	Variance	Remaining
	Available	Appropriation	Obligations	Additional	Obligations	Est. to Actual	Balance
	2018-2019	2018-2019	to date	Obligations	2018-2019	2018-2019	2019
	(From Col G)	2018-2019	2018-2019	2018-2019	(Col J + Col K)	(Col I - Col L)	(Col H - Col L)
State Aid Formula Payments	978,103,351.46	964,964,161.00	-	965,773,539.47	965,773,539.47	(809,378.47)	12,329,811.99
State Child Placement - Public	2,500,000.00	2,500,000.00	-	2,500,000.00	2,500,000.00	-	-
State Child Placement - Non-public	1,500,000.00	1,500,000.00	-	1,500,000.00	1,500,000.00	-	-
Gifted and Talented	400,000.00	400,000.00	-	400,000.00	400,000.00	-	-
State School Aid	982,503,351.46	969,364,161.00	-	970,173,539.47	970,173,539.47	(809,378.47)	12,329,811.99
Transportation	28,973,550.76	27,700,000.00	-	26,566,800.30	26,566,800.30	1,133,199.70	2,406,750.46
Special Education Contracts	9,800,000.00	9,800,000.00	-	9,800,000.00	9,800,000.00	-	-
TOTAL	1,021,276,902.22	1,006,864,161.00	-	1,006,540,339.77	1,006,540,339.77	323,821.23	14,736,562.45
			-				

Statewide Statistical Summary

North Dakota Department of Public Instruction

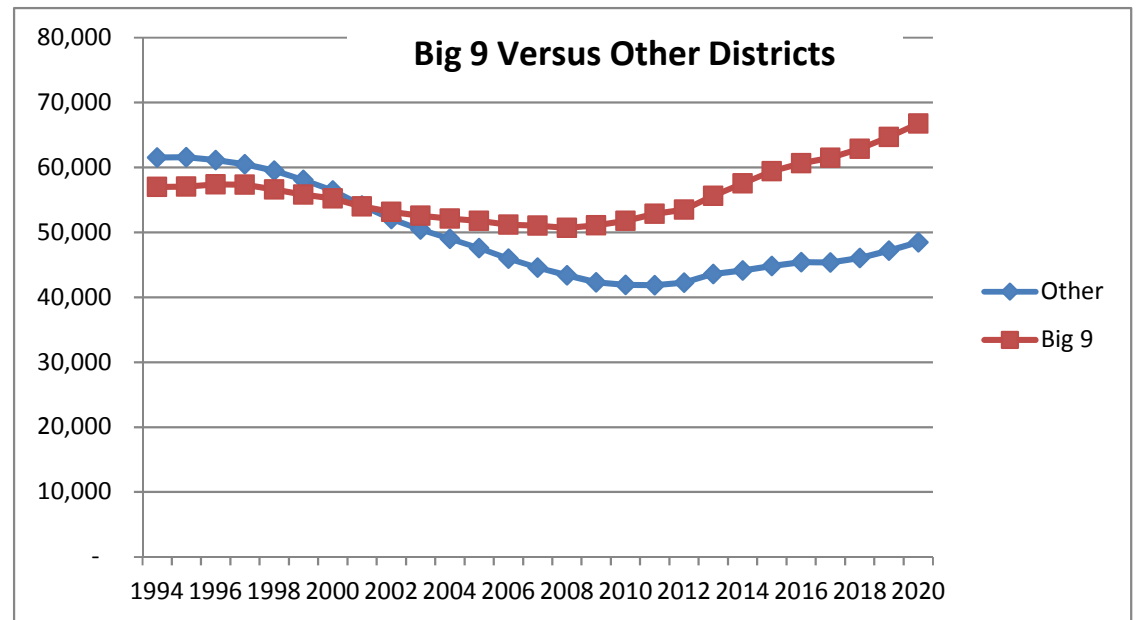
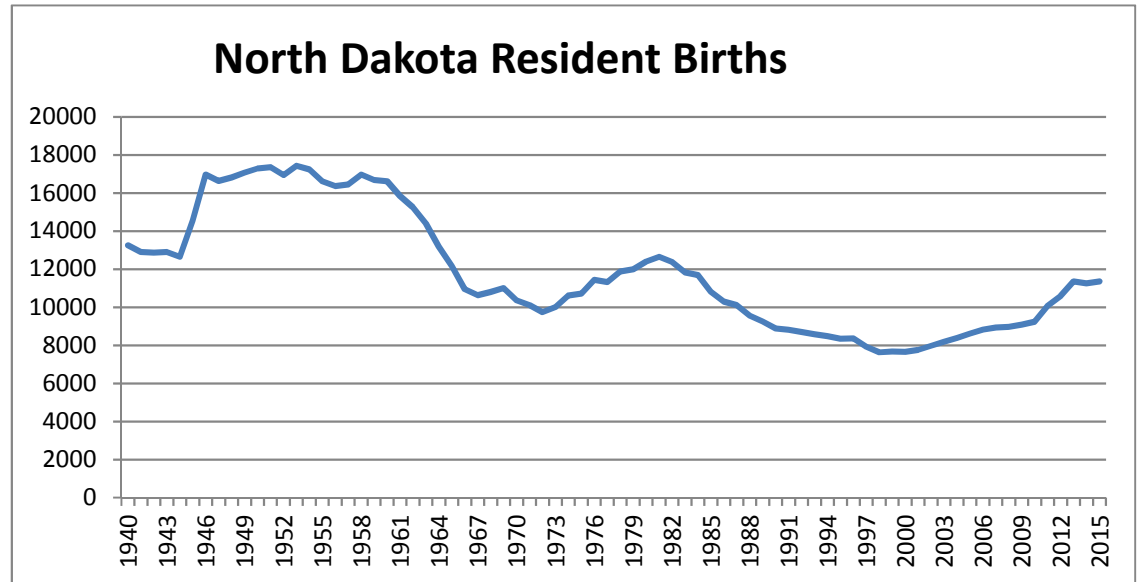
Office of School Finance

2015-17 Budget to Actual

	Budget Year 2017-18 Statewide		Budget Year 2018-19 Statewide		Actual @ Jan 2018 Year 2017-18 Statewide		Projected - January 2018 Year 2018-19 Statewide	
	Weighted ADM	Entitlement	Weighted ADM	Entitlement	Weighted ADM	Entitlement	Weighted ADM	Entitlement
Student Membership								
1 Pk Special Education	1,151.09	11,103,414	1,151.09	11,103,414	1,143.58	11,030,973	1,143.58	11,030,973
2 Kindergarten	8,906.45	85,911,617	9,149.59	88,256,945	8,937.05	86,206,784	9,309.75	89,801,849
3 Grade 1-6	51,953.51	501,143,557	52,699.31	508,337,544	51,796.19	499,626,049	52,771.92	509,037,940
4 Grade 7-8	16,165.08	155,928,362	16,514.33	159,297,227	16,044.53	154,765,536	16,496.09	159,121,284
5 Grade 9-12	29,639.40	285,901,652	30,061.65	289,974,676	29,300.90	282,636,481	30,043.65	289,801,048
6 Alternative High School	775.05	7,476,132	775.05	7,476,132	805.06	7,765,609	805.06	7,765,609
7 Total Average Daily Membership (ADM)	108,590.58	1,047,464,735	110,351.02	1,064,445,939	108,027.31	1,042,031,432	110,570.05	1,066,558,702
Other Program Membership								
8 Alt High School	193.79	1,869,298	193.79	1,869,298	201.30	1,941,740	201.30	1,941,740
9 Special Ed ADM	8,904.41	85,891,939	9,048.82	87,284,918	8,858.21	85,446,294	9,066.74	87,457,774
10 PK Special Ed ADM	195.67	1,887,433	195.67	1,887,433	194.47	1,875,858	194.47	1,875,858
11 Regional Education Association	210.18	2,027,396	213.80	2,062,315	209.02	2,016,207	213.76	2,061,929
12 ELL Level 1	114.38	1,103,309	114.38	1,103,309	143.42	1,383,429	143.42	1,383,429
13 ELL Level 2	124.94	1,205,171	124.94	1,205,171	188.10	1,814,413	188.10	1,814,413
14 ELL Level 3	57.36	553,295	57.36	553,295	79.35	765,410	79.35	765,410
15 At Risk	1,015.72	9,797,635	1,032.18	9,956,408	1,009.16	9,734,357	1,031.11	9,946,087
16 Home-Education (district supervised)	9.87	95,206	9.87	95,206	11.09	106,974	11.09	106,974
17 Alternative Middle School	2.26	21,800	2.26	21,800	2.25	21,704	2.25	21,704
Summer Programs								
18 - Summer School	1,179.88	11,381,122	1,179.88	11,381,122	1,261.08	12,164,378	1,261.08	12,164,378
19 - Special Ed ESY	46.65	449,986	46.65	449,986	49.02	472,847	49.02	472,847
Isolated Schools								
20 >275 sq miles and < 100 ADM	105.61	1,018,714	109.42	1,055,465	115.54	1,114,499	114.79	1,107,264
21 > 600 sq miles and < 50 ADM	-	-	-	-	-	-	-	-
22 Total Weighted Average Daily Membersh	120,751.30	1,164,767,040	122,680.04	1,183,371,666	120,349.32	1,160,889,541	123,126.53	1,187,678,508
23 School Size Adjustment Factor	5,257.65	50,715,292	5,240.97	50,554,397	5,282.15	50,951,619	5,235.42	50,500,861
24 Total Weighted Student Units	126,008.95		127,921.01		125,631.47		128,361.95	
Per Student Payment Rate	\$9,646		\$9,646		\$9,646		\$9,646	
Rate Increase								
Total Formula Amount		1,215,482,332		1,233,926,062		1,211,841,160		1,238,179,370
Transition Maximum Adjustment	1.40	(12,606,567)	1.40	(12,762,580)	1.40	(12,251,311)	1.40	(12,178,683)
Transition Minimum Adjustment	1.08	44,511,614	1.08	45,262,022	1.08	45,122,343	1.08	47,435,793
Adjusted Formula Amount		1,247,387,379		1,266,425,504		1,244,712,192		1,273,436,480
Contribution from Property Tax	60	(237,882,608)	60	(253,755,401)	60	(237,841,770)	60	(250,582,666)
Contribution from In-Lieu of Property T	75%-100%	(53,680,049)	75%-100%	(53,421,222)	75%-100%	(57,265,077)	75%-100%	(57,080,274)
Ending Fund Balance Offset	35%		35%		35%	(1,204,533)	35%	-
State Aid Payment		955,824,721		959,248,881		948,400,812		965,773,540
2015-17 Budget to Actual				1,915,073,602				1,914,174,351

North Dakota Public K-12 Enrollment

School Year	Other	Big 9	Grand Total
1994	61,515	56,997	118,512
1995	61,604	57,045	118,649
1996	61,158	57,407	118,565
1997	60,484	57,332	117,816
1998	59,504	56,599	116,103
1999	58,111	55,818	113,929
2000	56,460	55,245	111,705
2001	54,120	53,974	108,094
2002	52,082	53,135	105,217
2003	50,444	52,569	103,013
2004	49,000	52,137	101,137
2005	47,568	51,756	99,324
2006	45,958	51,162	97,120
2007	44,560	51,040	95,600
2008	43,379	50,678	94,057
2009	42,306	51,100	93,406
2010	41,914	51,801	93,715
2011	41,878	52,851	94,729
2012	42,274	53,504	95,778
2013	43,590	55,602	99,192
2014	44,116	57,540	101,656
2015	44,839	59,439	104,278
2016	45,423	60,647	106,070
2017	45,373	61,490	106,863
2018	46,057	62,888	108,945
2019	47,195	64,695	111,890
2020	48,495	66,752	115,247



Big 9 - Fargo, Bismarck, Grand Forks, West Fargo, Minot, Mandan, Dickinson, Williston, Jamestown (enr. over 2,000).

Prepared by School Finance, 1/2018

2019 and 2020 projected using 3 year cohort survival routine

2018 finalized November 2017

ND Public K-12 Enrollment Cohorts
Unduplicated Fall Enrollment Count

	School Year											---> projected	
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Kindergarten	6,729	7,214	7,470	7,445	8,236	8,575	8,822	9,033	8,925	8,814	9,271	10,359	11,023
Grade 1	6,827	6,744	7,147	7,478	7,517	8,366	8,605	8,901	9,051	8,720	8,736	9,130	10,194
Grade 2	6,511	6,748	6,725	7,195	7,487	7,707	8,401	8,642	8,871	8,840	8,709	8,642	9,041
Grade 3	6,787	6,541	6,839	6,914	7,225	7,723	7,853	8,417	8,663	8,760	8,871	8,674	8,610
Grade 4	6,931	6,812	6,547	6,972	7,025	7,379	7,817	7,989	8,433	8,666	8,774	8,887	8,694
Grade 5	6,983	6,962	6,904	6,675	7,023	7,291	7,531	7,953	7,984	8,452	8,739	8,825	8,944
Grade 6	7,036	7,074	7,089	7,140	6,884	7,338	7,462	7,809	8,096	8,121	8,563	8,857	8,954
Grade 7	7,289	7,218	7,249	7,367	7,320	7,254	7,585	7,661	7,948	8,196	8,291	8,718	9,014
Grade 8	7,467	7,360	7,301	7,297	7,421	7,496	7,335	7,638	7,694	7,924	8,220	8,301	8,727
Grade 9	8,045	7,670	7,572	7,578	7,462	7,796	7,776	7,672	7,931	7,983	8,174	8,529	8,598
Grade 10	8,002	7,855	7,683	7,682	7,517	7,515	7,707	7,678	7,607	7,769	7,728	7,976	8,315
Grade 11	7,802	7,620	7,563	7,415	7,354	7,414	7,414	7,458	7,434	7,258	7,533	7,453	7,676
Grade 12	7,643	7,588	7,626	7,563	7,308	7,338	7,348	7,427	7,433	7,339	7,336	7,539	7,457
Total	94,052	93,406	93,715	94,721	95,779	99,192	101,656	104,278	106,070	106,842	108,945	111,890	115,247
Change	(1,548)	(646)	309	1,006	1,058	3,413	2,464	2,622	1,792	772	2,103	2,945	3,357
Home School	1,470	1,537	1,489	1,657	1,860	2,030	2,347	2,721	2,833	3,025			

North Dakota Resident Births

	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	10 year average
ADAMS	22	17	29	19	20	30	27	19	23	27	23
BARNES	100	111	112	112	113	117	130	102	112	109	112
BENSON	149	147	122	131	143	162	137	160	153	183	149
BILLINGS	9 NR		7 NR		7	10	19	16	18	18	13
BOTTINEAU	65	64	64	62	75	60	73	83	67	63	68
BOWMAN	38	39	37	38	37	45	44	48	43	41	41
BURKE	15	20	20	21	25	36	32	42	44	40	30
BURLEIGH	1055	1024	1069	1086	1134	1211	1224	1371	1367	1347	1,189
CASS	2055	2096	2170	2156	2239	2363	2463	2569	2561	2629	2,330
CAVALIER	29	27	34	37	49	31	45	48	41	62	40
DICKEY	68	78	68	54	26	62	68	62	75	62	62
DIVIDE	18	9	19	18	26	23	33	32	32	22	23
DUNN	33	32	32	41	41	48	62	71	70	68	50
EDDY	27	21	23	24	19	27	28	26	31	35	26
EMMONS	34	24	22	33	20	25	29	29	28	35	28
FOSTER	39	27	32	28	25	38	39	39	31	42	34
GOLDEN VALLEY	11	22	17	19	19	23	20	23	27	22	20
GRAND FORKS	956	994	908	978	904	965	959	1062	1056	1009	979
GRANT	11	20	21	22	23	22	33	25	25	31	23
GRIGGS	26	15	25	23	19	17	23	16	23	17	20
HETTINGER	15	20	21	27	30	25	41	29	31	42	28
KIDDER	28	21	24	32	21	29	31	29	24	34	27
LAMOURE	53	35	28	38	23	48	46	50	46	43	41
LOGAN	17	18	17	18	16	22	18	24	20	23	19
McHENRY	57	55	55	63	58	83	63	76	65	72	65
McINTOSH	27	25	24	33	14	25	30	30	22	22	25
McKENZIE	60	80	91	53	109	114	176	228	228	245	138
McLEAN	67	76	82	101	102	128	99	134	112	119	102
MERCER	66	74	107	99	92	99	102	116	89	111	96
MORTON	367	364	390	362	401	431	424	457	503	517	422
MOUNTRAIL	108	127	113	128	143	160	142	159	173	181	143
NELSON	19	22	28	32	33	29	33	32	29	28	29
OLIVER	24	18	18	16	20	18	26	21	27	21	21
PEMBINA	84	65	81	73	78	74	70	93	77	85	78
PIERCE	43	53	41	37	43	51	58	45	50	36	46
RAMSEY	139	162	141	167	172	141	143	180	152	150	155
RANSOM	70	70	54	61	61	73	53	69	66	55	63
RENVILLE	13	25	34	32	32	29	33	37	28	38	30
RICHLAND	206	203	184	191	95	183	190	189	186	207	183
ROLETTE	289	319	299	311	297	292	313	302	272	274	297
SARGENT	44	49	31	38	23	38	42	44	45	40	39
SHERIDAN	11	7	9	12	7	11	18	10	11	16	11
SIOUX	103	97	98	87	98	107	80	117	95	89	97
SLOPE	9	6	16	11	7	8	12	6	8	9	9
STARK	290	289	306	301	339	398	484	543	546	549	405
STEELE	13	24	12	19	19	25	17	19	30	28	21
STUTSMAN	236	219	222	232	216	227	255	235	233	221	230
TOWNER	16	19	18	14	19	32	30	29	17	26	22
TRAILL	100	98	91	91	103	89	100	94	93	108	97
WALSH	139	146	132	122	114	144	149	149	150	152	140
WARD	1003	1039	1028	998	1070	1109	1210	1266	1270	1192	1,119
WELLS	36	30	43	29	43	44	35	42	37	57	40
WILLIAMS	306	284	305	353	372	471	580	655	703	712	474
Total	8818	8931	8974	9083	9234	10072	10591	11352	11265	11364	9968
	202	113	43	109	151	838	519	761	-87	99	



Statewide Statistical Summary

North Dakota Department of Public Instruction

Office of School Finance

Fnd Aid Formula Final

For discussion purposes only

	Actual		Status est. @ Jan 2018		Preliminary Budget Projections			
	Year 2017-18 Statewide		Year 2018-19 Statewide		Year 2019-20 Statewide		Year 2020-21 Statewide	
	Weighted ADM	Entitlement	Weighted ADM	Entitlement	Weighted ADM	Entitlement	Weighted ADM	Entitlement
Student Membership								
1 Pk Special Education	1,143.58	11,030,973	1,143.58	11,030,973	1,143.58	11,030,973	1,143.58	11,030,973
2 Kindergarten	8,937.05	86,206,784	9,309.75	89,801,849	10,397.91	100,298,240	11,062.40	106,707,910
3 Grade 1-6	51,796.19	499,626,049	52,771.92	509,037,940	53,385.45	514,956,051	54,795.00	528,552,570
4 Grade 7-8	16,044.53	154,765,536	16,496.09	159,121,284	17,003.15	164,012,385	17,736.45	171,085,797
5 Grade 9-12	29,300.90	282,636,481	30,043.65	289,801,048	30,772.30	296,829,606	31,323.88	302,150,146
6 Alternative High School	805.06	7,765,609	805.06	7,765,609	805.06	7,765,609	805.06	7,765,609
7 Total Average Daily Membership (ADM)	108,027.31	1,042,031,432	110,570.05	1,066,558,702	113,507.45	1,094,892,863	116,866.37	1,127,293,005
			2.4%		2.7%		3.0%	
Other Program Membership								
8 Alt High School	201.30	1,941,740	201.30	1,941,740	201.30	1,941,740	201.30	1,941,740
9 Special Ed ADM	8,858.21	85,446,294	9,066.74	87,457,774	9,307.60	89,781,110	9,583.10	92,438,583
10 PK Special Ed ADM	194.47	1,875,858	194.47	1,875,858	194.47	1,875,858	194.47	1,875,858
11 Regional Education Association	209.02	2,016,207	213.76	2,061,929	219.17	2,114,114	225.41	2,174,305
12 ELL Level 1	143.42	1,383,429	143.42	1,383,429	143.42	1,383,429	143.42	1,383,429
13 ELL Level 2	188.10	1,814,413	188.10	1,814,413	188.10	1,814,413	188.10	1,814,413
14 ELL Level 3	79.35	765,410	79.35	765,410	79.35	765,410	79.35	765,410
15 At Risk	1,009.16	9,734,357	1,031.11	9,946,087	1,056.26	10,188,684	1,084.20	10,458,193
16 Home-Education (district supervised)	11.09	106,974	11.09	106,974	11.09	106,974	11.09	106,974
17 Alternative Middle School	2.25	21,704	2.25	21,704	2.25	21,704	2.25	21,704
Summer Programs								
18 - Summer School	1,261.08	12,164,378	1,261.08	12,164,378	1,261.08	12,164,378	1,261.08	12,164,378
19 - Special Ed ESY	49.02	472,847	49.02	472,847	49.02	472,847	49.02	472,847
Isolated Schools								
20 >275 sq miles and < 100 ADM	115.54	1,114,499	114.79	1,107,264	106.28	1,025,177	98.91	954,086
21 > 600 sq miles and < 50 ADM	-	-	-	-	-	-	-	-
22 Total Weighted Average Daily Membership	120,349.32	1,160,889,541	123,126.53	1,187,678,508	126,326.84	1,218,548,699	129,988.07	1,253,864,923
23 School Size Adjustment Factor	5,282.15	50,951,619	5,235.42	50,500,861	5,157.13	49,745,676	5,072.17	48,926,152
24 Total Weighted Student Units	125,631.47		128,361.95		131,483.97		135,060.24	
Per Student Payment Rate	\$9,646		\$9,646		\$9,646		\$9,646	
Rate Increase			0.0%		0.0%		0.0%	
Total Formula Amount		1,211,841,160		1,238,179,370		1,268,294,375		1,302,791,075
Transition Maximum Adjustment	1.40	(12,251,311)	1.40	(12,178,683)	1.40	(12,224,738)	1.40	(12,162,040)
Transition Minimum Adjustment	1.08	45,122,343	1.08	47,435,793	1.08	48,559,120	1.08	50,137,930
Adjusted Formula Amount		1,244,712,192		1,273,436,480		1,304,628,757		1,340,766,965
Contribution from Property Tax	60	(237,841,770)	60	(250,582,666)	60	(263,482,377)	60	(275,043,953)
Contribution from In-Lieu of Property Tax	75%-100%	(57,265,077)	75%-100%	(57,080,274)	75%-100%	(57,107,211)	75%-100%	(57,482,386)
Ending Fund Balance Offset	40%	(1,204,533)	40%		35%		35%	
State Aid Payment		948,400,812		965,773,540		984,039,168		1,008,240,626
								78,105,443

Projection Notes

1. ADM is projected using a three year cohort survival routine with 2017-18 fall enrollment as the base year.
2. Taxable valuation for 2018-19 is based on taxable year 2017. Taxable valuations for 2019-20 and 2020-21 are projected based on the change from the 2016 to 2017 tax year limited to the state average.
3. Other statistical data was based on data supporting the 2017-18 payment year.

State Aid To Schools

	Biennial Appropriation 2007-2009	Biennial Appropriation 2009-2011	Biennial Appropriation 2011-2013	Biennial Appropriation 2013-2015	Biennial Appropriation 2015-2017	Biennial Appropriation 2017-2019
*Grants - State school aid	726,165,879	808,370,295	918,459,478	1,752,100,000	1,915,332,000	1,935,204,163
Grants - Transportation	33,500,000	43,500,000	48,500,000	53,500,000	57,108,000	55,400,000
Grants - Special education aid	17,500,000	15,500,000	16,000,000	16,500,000	18,500,000	19,300,000
Grants - Teacher compensation payments						
Grants - Tuition apportionment						
Grants - Revenue supplement payments						
Grants - Supplemental operations		16,795,584				
K-12 State Aid Formula Payments	777,165,879	884,165,879	982,959,478	1,822,100,000	1,990,940,000	2,009,904,163
Other Appropriations						
ITD Powerschool					6,000,000	5,500,000
Grants - Mill Levy Reduction		295,000,000	341,790,000			
Grants - Supplemental one-time		85,644,337				
Grants - Federal one-time Education Jobs Fund			21,517,716			
Grants - Rapid Enrollment			5,000,000	13,600,000	14,800,000	6,000,000
Grants - Safety Grants				3,000,000		
Grants - ELL					1,000,000	500,000
Grants - REA merger incentive						100,000
Grants - Reorganization bonuses						
Grants - JPA incentives (SB 2200)						
Supplemental Appropriations						
Additional Tuition Apportionment		322,360	2,214,423			
Deferred Maintenance and Physical Impr	5,000,000					
Supplemental Transportation Payments		5,000,000				
Deficiency Appropriation - Mill Levy Reduction		4,444,264				
Total Appropriated	785,765,879	1,265,576,840	1,362,481,617	1,847,700,000	2,012,740,000	2,022,004,163

*Grants - State school aid in 2009-2011 included \$85,644,337 in federal ARRA Education Stabilization funds.

*The 2015-17 appropriation reflects transfers from Grants-State school aid to Grants-Transportation and Grants-Special education aid approved by the 2017 legislature.