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Table F-1 Data Summary (number of observations)

	1996		1997		1998		1999		2000	
	Math	Reading	Mathe	Reading	Math	Reading	Math	Reading	Math	Reading
Original		52079		69832	122892	122892	120826	120826	68012	120826
Tested 8th grade	51180	49344	42038	41284	64396	64401	65362	65405	65924	65976
Tested 8th grade only acceptable cases	51157	49322	41961	41205	62543	62558	64527	64546	65472 <i>(ONLY EXCLUDING DUPLICATION AND MISSINGS)</i>	65736
Total (math or reading)	52054		43118		63356		65544		66309	

Source : Minnesota Basic Standards Test, Spring 1996, 1997, 1998, 1999 and 2000

Table F-2 : Number of Questions for Each Item

	1996		1997		1998		1999		2000	
	Number of questions	Proportion	Number of questions	Proportion	Number of questions	Proportion	Number of questions	Proportion	Number of questions	Proportion
Mathematics										
Whole number & Fraction	9	0.13	10	0.15	10	0.15	10	0.15	10	0.15
Percentage & Ratio	9	0.13	8	0.12	8	0.12	8	0.12	8	0.12
Number Sense	7	0.10	7	0.10	7	0.10	7	0.10	7	0.10
Estimation	8	0.12	8	0.12	8	0.12	8	0.12	8	0.12
Measurement	11	0.16	9	0.13	9	0.13	9	0.13	9	0.13
Tables & Graphs	10	0.15	11	0.16	11	0.16	11	0.16	11	0.16
Chance & Data	9	0.13	8	0.12	8	0.12	8	0.12	8	0.12
Shape & Space	5	0.07	7	0.10	7	0.10	7	0.10	7	0.10
Total number of questions	68		68		68		68		68	
Reading										
Literal	28	0.70	25	0.63	28	0.70	33	0.83	26	0.65
Inferential	12	0.30	15	0.38	12	0.30	7	0.18	14	0.35
Total number of questions	40		40		40		40		40	

Source : Minnesota Basic Standards Test Scores , Spring 1996, 1997, 1998, 1999 and 2000

Table F-3 : Racial Distribution for Each Year

	1996			1997			1998			1999			2000		
	Math	Reading	Overall	Math	Reading	Overall	Math	Reading	Overall	Math	Reading	Overall	Math	Reading	Overall
American Indian	829 1.62%	798 1.62%	866 1.66%	544 1.30%	494 1.20%	559 1.30%	1140 1.82%	1132 1.81%	1174 1.85%	1151 1.78%	1149 1.78%	1201 1.83%	1166 1.78%	1137 1.73%	1166 1.76%
Asian	1300 2.54%	1245 2.52%	1337 2.57%	1994 4.75%	1993 4.84%	2032 4.71%	2775 4.44%	2764 4.42%	2804 4.43%	2878 4.46%	2858 4.43%	2908 4.44%	3050 4.66%	3035 4.62%	3050 4.60%
Hispanic	660 1.29%	616 1.25%	692 1.33%	736 1.75%	721 1.75%	767 1.78%	1230 1.97%	1238 1.98%	1277 2.02%	1344 2.08%	1341 2.08%	1382 2.11%	1438 2.20%	1404 2.14%	1438 2.17%
African American	1453 2.84%	1362 2.76%	1482 2.85%	2070 4.93%	2084 5.06%	2154 5.00%	2641 4.22%	2637 4.22%	2720 4.29%	3104 4.81%	3129 4.85%	3209 4.90%	3148 4.81%	3090 4.70%	3148 4.75%
Caucasian	46915 91.71%	45301 91.85%	47677 91.59%	36617 87.26%	35913 87.16%	37606 87.22%	54757 87.55%	54787 87.58%	55381 87.41%	56050 86.86%	56069 86.87%	56844 86.73%	55887 85.36%	55482 84.40%	55887 84.28%
Missing	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	783 1.20%	1588 2.42%	1620 2.44%
Total number of observations	51157	49322	52054	41961	41205	43118	62543	62558	63356	64527	64546	65544	65472	65736	66309

Source : Minnesota Basic Standards Test Scores : Spring 1996, 1997, 1998, 1999 and 2000

Table F-3' : Racial Distribution for Each Year (excluding St. Paul)

	1996			1997			1998			1999		
	Math	Reading	Overall	Math	Reading	Overall	Math	Reading	Overall	Math	Reading	Overall
American Indian	829 1.62%	798 1.62%	866 1.66%	517 1.30%	467 1.20%	532 1.30%	1094 1.84%	1087 1.82%	1126 1.87%	1097 1.78%	1095 1.78%	1145 1.83%
Asian	1300 2.54%	1245 2.52%	1337 2.57%	1385 3.48%	1385 3.55%	1409 3.45%	1852 3.11%	1849 3.10%	1866 3.09%	1967 3.20%	1951 3.17%	1990 3.19%
Hispanic	660 1.29%	616 1.25%	692 1.33%	628 1.58%	616 1.58%	655 1.60%	996 1.67%	997 1.67%	1023 1.70%	1125 1.83%	1124 1.83%	1158 1.85%
African American	1453 2.84%	1362 2.76%	1482 2.85%	1704 4.28%	1708 4.37%	1755 4.29%	2103 3.53%	2106 3.53%	2158 3.58%	2479 4.03%	2490 4.05%	2548 4.08%
Caucasian	46915 91.71%	45301 91.85%	47677 91.59%	35577 89.36%	34873 89.31%	36515 89.35%	53571 89.86%	53614 89.88%	54166 89.77%	54844 89.16%	54859 89.17%	55607 89.05%
Total number of observations	51157	49322	52054	39811	39049	40866	59616	59653	60339	61512	61519	62448

Source : Minnesota Basic Standards Test Scores : Spring 1996, 1997, 1998 and 1999

Table F-4 : Number of Schools Attended by Race and Year

	American Indian	Asian	Hispanic	African American	Caucasian
1996	1.18	1.07	1.17	1.23	1.06
1997	1.16	1.09	1.12	1.27	1.05
1998	1.25	1.15	1.23	1.36	1.07
1999	1.35	1.21	1.28	1.49	1.10

Source : Minnesota Basic Standards Test Scores, Spring 1996, 1997, 1998, 1999 and MARSS 1996, 1997, 1998, 1999

Table F-5 : School Improvement Rate 1998-2000

	2000 > 1998			2000 > 1999 > 1998		
	total number	improved number	percent	total number	improved number	percent
Mathematics						
Overall	478	226	47.3%	469	85	18.1%
American Indian	173	88	50.9%	138	27	19.6%
Asian	199	118	59.3%	171	35	20.5%
Hispanic	201	101	50.2%	177	31	17.5%
African American	162	95	58.6%	146	41	28.1%
Caucasian	459	207	45.1%	450	76	16.9%
Reading						
Overall	479	424	88.5%	470	228	48.5%
American Indian	171	105	61.4%	136	34	25.0%
Asian	199	142	71.4%	171	54	31.6%
Hispanic	197	123	62.4%	175	47	26.9%
African American	163	111	68.1%	144	49	34.0%
Caucasian	458	417	91.0%	448	224	50.0%

Source : Minnesota Basic Standards Test Scores, Spring 1996, 1997, 1998, 1999 and 2000

Table F-6 : School Improvement Rate 1996-1999

	1999 > 1996			1999 > 1998 > 1997 > 1996		
	total number	improved number	percent	total number	improved number	percent
Mathematics						
Overall	366	187	51.1%	243	17	7.0%
American Indian	122	62	50.8%	64	0	0.0%
Asian	139	83	59.7%	93	15	16.1%
Hispanic	136	62	45.6%	79	3	3.8%
African American	101	38	37.6%	76	2	2.6%
Caucasian	360	199	55.3%	239	17	7.1%
Reading						
Overall	360	349	96.9%	230	124	53.9%
American Indian	116	79	68.1%	56	1	1.8%
Asian	134	102	76.1%	87	20	23.0%
Hispanic	129	86	66.7%	74	6	8.1%
African American	95	70	73.7%	70	9	12.9%
Caucasian	352	343	96.9%	226	127	56.2%

Source : Minnesota Basic Standards Test Scores, Spring 1996, 1997, 1998, 1999

Table F-7 : Mean of Individual Free/Reduced Priced Lunch Rate

	1998	1999
Overall	17.49%	23.10%
American Indian	41.23%	61.28%
Asian	26.89%	56.36%
Hispanic	40.64%	56.30%
African American	53.38%	68.65%
Caucasian	14.21%	17.21%

source : Minnesota Basic Standards Test Scores Spring, 1998 and 1999

Table F-8 : Percentage Distribution of Primary Home Language among Test Takers

	Mathematics		Reading	
	English	Non-English	English	Non-English
1996				
Overall	97.78%	2.22%	97.88%	2.12%
American Indian	99.28%	0.72%	99.50%	0.50%
Asian	47.23%	52.77%	47.95%	52.05%
Hispanic	61.67%	38.33%	63.64%	36.36%
African American	96.70%	3.30%	96.55%	3.45%
Caucasian	99.69%	0.31%	99.73%	0.27%
1997				
Overall	95.28%	4.72%	95.26%	4.74%
American Indian	98.16%	1.84%	97.98%	2.02%
Asian	30.99%	69.01%	31.16%	68.84%
Hispanic	58.15%	41.85%	59.36%	40.64%
African American	95.36%	4.64%	95.44%	4.56%
Caucasian	99.48%	0.52%	99.49%	0.51%
1998				
Overall	95.25%	4.75%	95.27%	4.73%
American Indian	99.21%	0.79%	99.29%	0.71%
Asian	30.70%	69.30%	30.75%	69.25%
Hispanic	50.08%	49.92%	50.24%	49.76%
African American	93.18%	6.82%	93.25%	6.75%
Caucasian	99.55%	0.45%	99.55%	0.45%
1999				
Overall	94.91%	5.09%	94.95%	5.05%
American Indian	99.13%	0.87%	99.13%	0.87%
Asian	29.36%	70.64%	29.60%	70.40%
Hispanic	49.11%	50.89%	49.29%	50.71%
African American	91.20%	8.80%	91.21%	8.79%
Caucasian	99.49%	0.51%	99.50%	0.50%

Source : Minnesota Basic Standards Test Scores, Spring 1996, 1997, 1998 and 1999

Frequency Distribution of School Ranking, Mathematics

Rank	1996		1997		1998		1999	
	Individual	School	Individual	School	Individual	School	Individual	School
Bottom 0	6638 12.82%	84 20.84%	2164 5.02%	116 19.83%	4694 7.51%	106 19.85%	1841 2.81%	130 20.00%
1	11414 22.04%	84 20.84%	3783 8.78%	112 19.15%	8940 14.29%	107 20.04%	7862 12.00%	130 20.00%
2	11196 21.62%	83 20.60%	10776 25.00%	115 19.66%	14426 23.07%	108 20.22%	16022 24.45%	131 20.15%
3	12488 24.11%	77 19.11%	18690 43.36%	133 22.74%	17235 27.56%	107 20.04%	19299 29.45%	129 19.85%
Top 4	10061 19.42%	75 18.61%	7689 17.84%	109 18.63%	17248 27.58%	106 19.85%	20516 31.30%	130 20.00%
total	51797	403	43102	585	62543	534	65540	650

Frequency Distribution of School Ranking, Reading

Rank	1996		1997		1998		1999	
	Individual	School	Individual	School	Individual	School	Individual	School
Bottom 0	7539 14.93%	82 20.60%	1645 3.82%	115 19.66%	4468 7.14%	107 20.04%	2524 3.85%	130 19.97%
1	9125 18.07%	84 21.11%	4643 10.78%	123 21.03%	8710 13.92%	106 19.85%	6406 9.77%	130 19.97%
2	11327 22.43%	81 20.35%	12016 27.89%	112 19.15%	15942 25.48%	107 20.04%	15772 24.06%	131 20.12%
3	11260 22.30%	81 20.35%	14161 32.87%	116 19.83%	16090 25.72%	107 20.04%	20434 31.18%	130 19.97%
Top 4	11251 22.28%	70 17.59%	10617 24.64%	120 20.51%	17348 27.73%	107 20.04%	20406 31.13%	130 19.97%
total	50502	398	43082	585	62558	534	65542	651