



Annual Class Size Study

A Report of Class Size Patterns
for the 2012-2013 School Year

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FOREWARD

The Metro ECSU 2012-13 Class Size Study reports data describing both regional and local norms. We hope that the information contained in this report will be useful to decision makers and interested citizens served by Metro ECSU. Though this data was carefully collected, we wish to caution readers from making assumptions about a district's staffing pattern based on class size statistics alone.

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INTRODUCTION

This report describes class size statistics for thirty-nine school districts in the metro Twin Cities area submitting data to Metro ECSU. To enable the reader to interpret this report accurately, it is necessary to describe the report briefly in terms of data collection and reporting procedures.

Sources of Data

The method of collecting class size information was an electronic format. All metro area Superintendents were sent an invitation to authorize participation and appoint a staff member to be in direct contact with Metro ECSU staff for the study.

District contacts received the “Memo to District Contacts: Directions for the Annual Class Size Study” (page 34-37) and three Excel spreadsheet formats (pages 38-40), one for each school type (elementary, junior secondary and senior secondary). The designated contact person appointed by the Superintendent in each district was responsible for collecting data from each building in the district, aggregating the data in each Excel file, and returning the data to the Metro ECSU for data processing and analysis. More details about this process are available in the memo which is located in the Appendix of this document.

Organization of the Report

For an overview, please refer to the Table of Contents at the beginning of the study. The Class Size Study contains a glossary (page 3-4) which should be read prior to viewing the tables. The study contains an introduction, a middle section with tables and results and a summary section. The “Reports with Tables” section consisting of statistical highlights for metro schools aggregated as “regionwide” data and by school type—elementary, junior secondary and senior secondary. The highlights represent regional norms for all class size categories and are calculated by aggregating local data plus reports focusing on elementary, junior secondary and senior secondary programs.

Data were reported in some cases excluding special education students, and, in others, including special education students. It should also be noted that consistent grade groupings have not been used for each district. (Of special note here is the fact that grades 5 and 6 may be included with elementary or junior secondary data depending upon local district configuration.)

Limitations

The following considerations should be taken into account when reviewing data in the Annual Class Size Study:

- Class size data included in this report are based on fall student counts submitted as of October 1, 2012.

- At the junior and senior secondary levels, no attempt has been made to include all subjects offered by all schools; only subject areas that are most typically offered at the secondary level have been included.

The information in this report represents a single year's view of the class size patterns of the participating school districts. Even with historical data available for trend analysis, the factors associated with class size trends produce variations among districts that are to be expected, but difficult to predict. This limitation does not suggest, however, that lay citizens, school practitioners, and others interested in public schools should not carefully analyze past trends and present conditions for the purpose of planning for the future.

In addition, it is tempting to interpret inter-district comparisons in terms of relationships which suggest cause and effect. The reader should be careful in making such comparisons. Class size data among school districts will be different due to many factors, including educational philosophy, school facility design, school district organizations, economic stability, school district size, management methods, and utilization of specialists or paraprofessionals in conjunction with professional staff. Although the descriptions contained within the tables of this report demonstrate normative comparisons, the data reported simply describe *what* exists, not *why* differences exist among the districts.

GLOSSARY OF TERMS

1. Average (Mean) Class Size

Average (Mean) Class Size represents the class size which equals the arithmetic average of class sizes reported. The average is the total of reported class sizes divided by the number of classes reported. Averages are reported to the nearest one hundredth.

2. Class Size

Class Size refers to the number of students in a group or class organized for the purpose of instruction.

3. Class Size Range

Class Size Range represents the maximum and minimum class sizes reported for a given grade or subject area.

4. Class Types

Class types counted for this study differ for each school type. Class types for each are as follows:

Elementary	Junior Secondary	Senior Secondary
Kindergarten	Art	Art
Grade 1	Business Ed/Marketing	Business Ed/Marketing
Grade 2	Family & Consumer Science	Family & Consumer Science
Grade 3	Health Education	Health Education
Grade 4	Interdisciplinary Courses	Language Arts/English
Grade 5	Language Arts/English	Math
Grade 6	Math	Music
Special Education	Music	Physical Education
Combo or Ungraded	Physical Education	Science
	Science	Social Studies
	Social Studies	Special Education
	Special Education	Technology Ed/Computer Science
	Technology Ed/Computer Science	Work Experience Program
	World Languages	World Languages

5. Elementary

This grouping *may* include the following grades: K, 1, 2, 3, 4, 5 and 6. Combination grades/ungraded (elementary) and special education classes may also be included. Depending on individual district grade organization, “elementary” *may not* include grades 5 or 6.

6. Grade Group

Grade groups include the school types—elementary, junior secondary and senior secondary, but also part of and combinations of those school type groups. For example, some of the data is reported for a combination of junior and senior secondary as one grade group.

7. Junior Secondary

This grouping includes students in middle schools, junior high schools, or the first part of an eight-year secondary program (i.e., grades 5-12).

8. Participating Districts

School districts in the metro Twin Cities area that submitted data for the current year of the study. These districts may or may not be members of Metro ECSU.

9. School Type

School types for this study are Elementary, Junior Secondary, or Senior Secondary.

10. Senior Secondary

This grouping includes students at the senior high school level or in the second part of an eight-year secondary program (i.e., grades 5-12).

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REPORTS WITH TABLES

A. REGIONWIDE CLASS SIZE STATISTICS

Averages and class size ranges for specific school types and selected subject areas for the participating districts as a whole are reported in Table 1 (page 8). Summary data for the entire region appears in Table 2 and Table 3 (page 9). Special education, which typically has smaller class sizes, was excluded from Table 2.

Average class size data by selected grade groupings (i.e., Elementary, Junior Secondary, Senior Secondary, Junior and Senior Secondary combined, and for all K - 12) for class sizes excluding special education and including special education are shown in Table 4 (page 10) and Table 5 (page 11) respectively. Individual district data are available in these tables by district number (see key on page 33).

Table 1. Class Size Regionwide for Reporting Districts by Class Type

Elementary

Class Type	Avg.	Min.	Max.
Kindergarten	21.5	9	31
Grade 1	22.6	11	32
Grade 2	23.6	9	34
Grade 3	24.8	11	36
Grade 4	26.2	14	35
Grade 5	26.6	13	38
Grade 6	25.8	14	36
Combo or Ungraded	26.8	8	35
Special Education	5.5	1	15

Jr Secondary

Class Type	Avg.	Min.	Max.
Art	27.8	5	44
Business Ed/Marketing	27.6	5	36
Family & Consumer Science	28.1	7	44
Health Education	27.7	2	43
Interdisciplinary Courses	22.6	2	42
Language Arts/English	25.7	3	40
Math	25.5	1	39
Music	31.7	2	127
Physical Education	29.5	1	53
Science	28.3	7	41
Social Studies	27.9	5	42
Special Education	5.8	1	23
Technology Ed/Computer Science	27.3	2	40
World Languages	26.5	1	41

Sr Secondary

Class Type	Avg.	Min.	Max.
Art	25.7	1	41
Business Ed/Marketing	26.5	1	44
Family & Consumer Science	26.7	5	38
Health Education	30.3	5	46
Language Arts/English	27.0	1	52
Math	27.4	1	44
Music	36.9	1	228
Physical Education	29.6	1	57
Science	28.2	2	57
Social Studies	29.4	3	67
Special Education	6.7	1	34
Technology Ed/Computer Science	22.9	1	42
Work Experience Program	10.7	1	38
World Languages	26.6	1	44

**Table 2. Class Size Regionwide for Reporting Districts by Grade Group
(Excluding Special Education)**

	Avg.	Min.	Max.
Elementary	24.1	8	38
Jr Secondary	27.5	1	127
Sr Secondary	27.7	1	228

**Table 3. Class Size Regionwide for Reporting Districts by Grade Group
(Including Special Education)**

	Avg.	Min.	Max.
Elementary	23.4	1	38
Jr. Secondary	25.2	1	127
Sr. Secondary	25.2	1	228

Table 4. Average Class Size by Grade Group for Reporting Districts (Excluding Special Education)

Elementary		Jr Secondary		Sr Secondary		Jr & Sr Secondary		K-12	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
108	21.33	108	20.48	108	20.67	108	20.58	108	20.65
271	21.44	1	24.42	720	24.35	1	24.76	720	24.79
276	21.44	625	24.89	110	24.49	720	25.17	1	24.90
624	22.05	271	25.32	284	24.84	625	25.43	284	25.19
721	22.29	832	25.76	1	25.09	284	25.46	271	25.21
277	22.33	720	25.82	138	25.20	6	25.66	625	25.26
284	22.60	6	25.89	282	25.34	271	25.75	6	25.41
13	22.62	280	26.21	286	25.42	282	25.83	282	25.55
281	22.67	277	26.29	6	25.53	277	25.94	277	25.61
200	22.78	197	26.29	625	25.63	14	26.57	14	26.42
720	23.02	284	26.30	278	25.68	138	26.78	276	26.60
282	23.14	270	26.49	277	25.70	273	26.95	624	26.62
110	23.35	273	26.49	14	25.74	832	27.01	273	26.69
834	23.37	282	26.55	271	26.25	286	27.08	200	26.70
197	23.61	281	26.88	200	26.62	200	27.10	278	26.92
278	23.67	622	26.90	624	27.22	278	27.33	832	26.93
283	23.68	191	27.16	276	27.40	624	27.37	138	26.93
719	23.70	13	27.38	831	27.62	280	27.57	286	27.04
270	23.72	283	27.39	832	27.69	276	27.59	280	27.06
14	23.96	624	27.54	272	27.80	281	27.78	281	27.12
112	24.11	200	27.56	721	27.83	831	27.88	272	27.40
622	24.23	276	27.80	273	27.97	110	27.96	110	27.51
192	24.26	623	28.11	283	28.62	283	28.08	721	27.52
6	24.41	831	28.18	281	28.68	197	28.13	283	27.53
272	24.44	14	28.42	280	28.89	272	28.28	13	27.56
15	24.47	138	28.51	623	29.19	191	28.35	831	27.61
625	24.57	272	28.93	834	29.45	622	28.44	197	27.61
273	24.69	192	29.20	12	29.47	721	28.57	191	27.70
623	24.72	286	29.22	13	29.62	13	28.64	623	27.86
11	24.78	721	29.32	112	29.79	623	28.77	622	27.94
831	24.86	278	29.66	191	29.84	270	28.87	270	28.25
191	24.86	110	29.84	622	29.86	192	29.60	192	28.41
280	24.86	112	29.98	192	29.97	112	29.88	834	28.86
12	25.26	11	30.10	197	30.52	834	30.13	112	29.07
832	25.55	194	30.42	15	30.63	11	30.48	11	29.46
1	25.72	15	30.69	719	30.64	12	30.49	15	29.77
194	26.24	834	30.83	11	30.93	15	30.66	719	29.84
286	26.69	719	31.09	270	31.43	719	30.86	12	29.86
138	28.74	12	31.35	194	31.91	194	31.44	194	31.00
24.15		27.48		27.71		27.61		27.12	
Regionwide		Regionwide		Regionwide		Regionwide		Regionwide	

Table 5. Average Class Size by Grade Group for Reporting Districts (Including Special Education)

Elementary		Jr Secondary		Sr Secondary		Jr & Sr Secondary		K-12	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
721	12.67	108	19.56	108	19.38	108	19.45	108	19.62
110	13.90	720	21.36	277	20.88	720	21.51	720	21.73
276	21.18	1	22.72	278	21.50	277	22.42	721	22.35
108	21.33	625	22.74	138	21.68	625	22.65	277	22.41
271	21.44	280	22.91	720	21.72	14	22.72	14	22.71
624	22.05	272	23.36	110	21.77	1	22.72	625	22.76
277	22.33	276	23.50	14	22.03	280	23.02	1	22.98
284	22.51	281	23.83	625	22.63	278	23.50	280	23.30
13	22.62	270	24.09	286	22.65	138	23.82	278	23.52
14	22.63	282	24.15	1	22.71	282	23.85	276	23.53
281	22.67	624	24.17	284	22.78	284	23.85	284	23.74
200	22.78	283	24.19	280	23.11	276	23.91	282	23.78
720	23.02	14	24.29	282	23.64	281	24.42	110	23.78
282	23.14	197	24.37	276	24.29	272	24.56	138	24.14
625	23.27	832	25.09	831	24.96	286	24.88	281	24.22
834	23.37	194	25.12	281	24.99	283	25.11	272	24.53
197	23.61	277	25.16	721	25.15	624	25.17	624	24.77
278	23.67	271	25.32	6	25.34	831	25.29	283	24.95
283	23.68	13	25.38	272	25.58	270	25.36	286	25.06
719	23.70	284	25.40	283	25.83	6	25.53	270	25.18
270	23.72	191	25.54	834	25.84	110	25.53	271	25.21
112	24.11	831	25.66	624	26.19	271	25.75	831	25.23
192	24.14	622	25.66	271	26.25	834	25.85	6	25.31
622	24.23	834	25.86	13	26.55	13	26.06	834	25.46
6	24.41	6	25.89	200	26.62	721	26.10	13	25.51
272	24.44	138	26.37	270	26.63	832	26.11	191	26.07
15	24.47	11	26.43	832	26.65	191	26.31	832	26.07
831	24.53	273	26.49	191	27.25	197	26.54	197	26.22
1	24.57	278	26.58	719	27.35	194	26.76	194	26.60
273	24.69	721	27.09	194	27.54	273	26.95	273	26.69
194	24.70	200	27.56	273	27.97	200	27.10	200	26.70
623	24.72	110	27.73	11	28.39	11	27.29	11	26.89
11	24.78	15	27.81	15	28.73	622	27.78	622	27.37
191	24.86	12	27.81	623	29.19	719	28.27	719	27.68
280	24.86	286	27.99	197	29.46	15	28.29	15	27.78
12	25.26	623	28.11	12	29.47	12	28.51	623	27.86
832	25.55	192	29.10	112	29.79	623	28.77	12	28.15
286	26.69	719	29.30	622	29.86	192	29.52	192	28.32
138	28.74	112	29.98	192	29.90	112	29.88	112	29.07
23.37		25.18		25.22		25.20		24.96	
Regionwide		Regionwide		Regionwide		Regionwide		Regionwide	

B. ELEMENTARY CLASS SIZE STATISTICS

Elementary class size data are reported for each participating district for grades K, 1, 2, 3, 4, 5, 6, multi-age groups/combination grades, and Special Education.

Table 6 (page 13-14) reports the average class sizes for each school district. Districts are ranked from low to high according to the average calculated.

Table 7 (pages 15-16) reports class size maximums and minimums for each school district. Districts are ranked from low to high based upon the maximum class size, not the difference between the maximum and minimum class sizes.

Individual districts that did not submit data required for these tables were excluded from that portion of a table(s).

Table 6. Elementary Average Class Size Regionwide for Reporting Districts

Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
282	18.00	108	17.00	108	19.50	276	20.68	271	21.27
624	18.11	276	19.73	271	20.64	108	21.67	108	22.33
200	18.47	282	19.80	276	20.86	834	22.15	281	23.64
284	18.61	834	19.94	286	21.43	271	22.37	270	23.71
15	18.65	13	20.33	277	21.63	277	22.75	110	23.82
721	19.13	284	20.51	283	21.88	270	23.41	276	23.97
276	19.48	624	20.77	13	21.92	284	23.44	200	24.07
623	19.50	271	20.78	284	21.95	624	23.48	277	24.25
831	19.77	721	21.21	721	22.00	281	23.59	14	24.63
272	19.82	277	21.50	624	22.11	110	23.64	624	24.70
832	19.89	831	21.55	719	22.27	720	23.89	720	24.76
11	20.12	281	21.56	720	22.41	282	24.00	625	24.79
720	20.16	197	21.76	281	22.68	719	24.05	278	25.13
271	20.26	719	21.82	278	22.80	721	24.08	280	25.23
112	20.33	11	21.96	834	23.39	112	24.32	13	25.44
6	20.36	286	22.14	282	23.40	623	24.33	6	25.60
194	20.43	283	22.39	112	23.45	625	24.37	721	25.64
192	20.64	720	22.43	270	23.50	1	24.51	112	25.91
834	20.74	14	22.50	6	23.55	622	24.52	283	25.92
13	20.92	270	22.50	280	23.67	13	24.70	273	26.00
278	21.00	622	22.69	14	23.78	15	24.71	719	26.00
281	21.00	194	22.72	200	23.83	278	25.00	834	26.31
197	21.17	278	22.80	272	23.90	197	25.06	197	26.46
719	21.21	273	22.82	192	23.95	280	25.15	284	26.52
622	21.33	12	22.84	1	24.09	14	25.22	192	26.52
12	21.48	200	23.07	110	24.09	831	25.42	622	26.77
277	21.50	192	23.17	831	24.19	200	25.50	623	26.88
110	21.58	280	23.22	625	24.34	191	25.67	282	27.00
273	21.63	15	23.58	622	24.41	192	25.71	272	27.38
283	22.61	112	23.61	194	24.50	272	25.73	191	27.58
625	23.14	272	23.70	197	24.60	273	25.77	831	27.58
270	23.48	191	23.71	12	24.76	12	25.89	11	27.96
108	23.50	110	23.75	273	24.77	283	26.00	1	28.05
14	23.90	1	24.02	11	24.78	6	26.20	12	28.12
191	24.06	6	24.08	623	25.05	832	27.25	832	28.13
280	24.11	625	24.27	15	25.07	11	27.29	15	28.54
1	25.20	832	24.50	832	25.25	194	29.50	286	29.50
138	25.88	623	24.52	191	25.31	286	29.83	138	30.75
286	26.75	138	25.75	138	29.57	138	31.88	194	31.27
21.48		22.60		23.63		24.82		26.18	
Regionwide		Regionwide		Regionwide		Regionwide		Regionwide	

Table 6. Elementary Average Class Size Regionwide for Reporting Districts

Grade 5		Grade 6		Combo or Ungraded		Special Education	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
721	22.77	834	24.00	191	15.33	284	2.00
270	23.76	192	24.23	276	18.80	14	2.33
13	23.89	625	25.13	622	23.00	110	2.69
281	23.92	270	25.62	278	23.75	831	3.00
271	24.03	272	25.89	282	25.00	721	4.41
834	24.37	6	26.67	623	25.60	194	4.54
283	24.62	191	27.19	834	25.78	192	5.00
278	24.63	623	27.56	192	27.67	625	7.61
624	24.96	286	28.00	273	27.75	1	7.73
625	25.05	831	28.87	625	28.42	276	8.00
191	25.15		25.80	1	28.81		5.46
108	25.33		Regionwide	284	32.00		Regionwide
720	25.43				26.82		
284	25.52				Regionwide		
6	26.08						
273	26.18						
272	26.31						
276	26.44						
192	26.60						
622	26.85						
112	27.00						
623	27.39						
719	27.40						
15	27.92						
282	28.00						
1	28.30						
832	29.00						
11	29.09						
831	29.19						
12	29.81						
280	30.20						
194	31.00						
286	32.40						
	26.60						
	Regionwide						

Table 7. Elementary Maximum/Minimum Class Size Regionwide for Reporting Districts

Kindergarten			Grade 1			Grade 2			Grade 3			Grade 4		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
282	19	17	108	17	17	108	21	17	108	22	21	108	25	21
15	20	17	282	21	18	286	22	20	110	24	22	110	25	23
832	21	18	277	22	21	278	23	22	276	25	14	14	26	22
200	22	14	278	23	22	13	24	20	282	25	23	200	26	21
6	22	19	284	23	18	277	24	21	270	26	20	271	26	14
721	22	13	286	23	22	282	24	23	277	26	20	277	26	21
110	23	19	721	23	19	283	24	20	278	26	24	278	26	24
112	23	16	13	24	17	284	24	18	281	26	20	720	26	22
13	23	14	197	24	20	721	24	21	284	26	21	270	27	20
277	23	20	276	24	15	110	25	23	720	26	21	6	27	23
278	23	19	624	24	17	200	25	22	834	26	18	192	28	24
108	24	23	834	24	16	624	25	17	271	27	18	282	28	26
197	24	13	110	25	22	720	25	20	273	27	23	721	28	24
273	24	15	271	25	16	15	26	23	15	28	22	13	29	23
276	24	12	281	25	19	271	26	15	6	28	25	276	29	21
283	24	21	283	25	19	276	26	18	624	28	20	281	29	17
284	24	13	720	25	19	832	26	24	721	28	22	284	29	22
719	24	16	832	25	24	270	27	19	832	28	27	623	29	24
720	24	17	12	26	18	272	27	21	112	29	18	624	29	19
11	25	13	138	26	25	280	27	19	14	29	21	832	29	27
12	25	15	15	26	19	281	27	17	272	29	22	112	30	18
622	25	19	192	26	20	6	27	20	280	29	21	15	30	27
623	25	9	200	26	18	831	27	16	283	29	20	197	30	22
624	25	13	270	26	19	834	27	21	623	29	20	272	30	24
831	25	13	272	26	21	12	28	19	192	30	22	280	30	21
192	26	15	280	26	21	14	28	19	197	30	21	283	30	23
194	26	14	6	26	22	194	28	20	200	30	21	286	30	29
271	26	14	112	27	20	623	28	20	286	30	29	719	30	14
272	26	15	191	27	20	719	28	9	622	30	20	834	30	19
281	26	13	194	27	18	112	29	20	625	30	18	138	31	30
138	27	25	623	27	21	192	29	21	11	31	23	273	31	21
14	27	22	719	27	11	273	29	22	12	31	20	191	32	23
270	27	10	831	27	18	622	29	20	13	31	20	622	33	22
280	28	19	14	28	15	11	30	18	138	32	31	625	33	16
286	28	22	273	28	17	138	30	28	1	33	17	831	33	25
625	28	16	622	29	19	197	30	18	191	33	19	11	34	20
191	29	12	625	29	16	625	30	18	194	33	23	12	34	24
834	29	16	1	30	16	191	33	21	831	33	18	1	35	20
1	31	18	11	32	17	1	34	16	719	36	11	194	35	26
31	9		32	11		34	9		36	11		35	14	
Regionwide			Regionwide			Regionwide			Regionwide			Regionwide		

Table 7. Elementary Maximum/Minimum Class Size Regionwide for Reporting Districts

Grade 5			Grade 6			Combo or Ungraded			Special Education		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
721	25	21	192	27	21	276	20	16	284	2	2
108	26	25	834	28	17	622	23	23	14	3	2
278	26	23	272	29	23	278	24	23	831	4	2
283	27	21	286	29	27	282	25	25	192	5	5
13	28	20	191	30	23	623	26	25	110	6	1
624	28	20	6	30	25	191	29	8	721	7	2
720	28	22	270	31	21	192	29	26	194	10	1
270	29	19	623	31	24	273	29	25	276	10	6
272	29	24	625	32	14	284	32	32	625	12	2
273	29	23	831	36	23	625	34	22	1	15	1
282	29	27				834	34	22			
112	30	18		36	14	1	35	23		15	1
15	30	24		Regionwide						Regionwide	
6	30	22					35	8			
832	30	28					Regionwide				
192	31	23									
284	31	23									
834	31	13									
276	32	17									
280	32	26									
281	32	19									
623	32	25									
625	32	16									
271	33	21									
286	33	31									
12	34	25									
191	34	18									
831	34	24									
11	35	22									
194	35	23									
719	35	23									
1	38	17									
622	38	20									
	38	13									
	Regionwide										

C. JUNIOR SECONDARY CLASS SIZE STATISTICS

Junior secondary class size data are reported for each participating district in selected subject areas (see page 3 in the Glossary of Terms for a list).

Table 8 (page 18-20) reports the average class sizes for each school district. Districts are ranked from low to high according to the average calculated.

Table 9 (pages 21-23) reports class size maximums and minimums for each school district. Districts are ranked from low to high based upon the maximum class size, not the difference between the maximum and minimum class sizes.

Individual districts that did not submit data required for these tables were excluded from that portion of a table(s).

Table 8. Jr Secondary Average Class Size Regionwide for Reporting Districts

Art		Business Ed/Marketing		Family & Consumer Science		Health Education		Interdisciplinary Courses	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
108	18.91	1	21.00	108	18.38	138	18.50	191	13.50
197	22.38	625	21.20	831	21.55	108	20.50	625	19.08
6	23.33	280	23.00	191	23.25	280	24.00	276	20.86
280	23.83	191	27.16	197	24.60	273	24.71	622	22.00
138	24.20	831	29.71	625	24.75	6	25.00	831	23.64
832	24.25	624	30.36	277	24.94	191	25.50	200	23.92
277	25.06	719	34.00	282	25.00	282	25.67	277	26.00
13	25.13			832	25.10	625	26.06	13	27.00
273	25.66		27.57	273	25.21	200	26.13	14	29.86
282	26.00		Regionwide	271	25.45	623	26.44		
270	26.14			623	25.82	12	26.50		22.63
1	26.63			192	26.50	1	26.56		Regionwide
624	26.63			286	27.05	271	26.94		
191	26.68			720	27.74	286	27.00		
623	26.70			281	27.85	284	27.09		
721	26.92			270	27.91	281	27.45		
281	27.13			284	28.10	720	28.00		
271	27.50			276	28.29	624	28.05		
276	27.59			12	28.37	283	28.25		
192	27.78			194	28.61	15	28.50		
283	27.84			622	28.78	270	28.54		
720	28.06			272	29.20	622	28.57		
284	28.07			110	29.58	110	28.82		
625	28.09			624	30.07	272	29.30		
831	28.24			200	30.10	719	29.42		
200	28.31			11	30.14	721	29.50		
194	28.48			112	31.08	192	29.56		
278	28.50			719	32.37	14	29.62		
622	28.80			15	34.50	276	29.83		
112	29.00					834	30.54		
15	29.08				28.07	831	32.40		
12	29.38				Regionwide				
834	29.53						27.74		
272	30.10						Regionwide		
11	30.71								
286	30.83								
110	31.22								
719	31.90								
14	32.69								
	27.80								
	Regionwide								

Table 8. Jr Secondary Average Class Size Regionwide for Reporting Districts

Language Arts/English		Math		Music		Physical Education		Science	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
108	17.08	108	20.40	284	21.09	720	18.46	108	20.10
14	20.83	1	21.38	622	24.12	108	20.70	270	25.85
1	21.15	271	21.59	281	24.57	280	24.79	1	26.20
720	22.51	832	22.26	277	26.44	282	25.13	271	26.23
625	22.52	13	22.84	1	27.05	277	26.94	197	26.31
6	22.84	625	22.94	625	27.12	110	27.26	625	26.49
271	22.99	721	23.44	832	27.54	832	27.30	282	26.80
197	23.60	284	23.82	192	27.56	270	27.59	273	26.87
622	23.73	720	24.11	276	27.58	283	27.63	15	26.93
270	24.05	197	24.35	271	28.66	197	27.64	624	26.94
13	24.60	6	24.59	138	29.20	1	27.95	277	27.18
281	25.04	283	24.63	623	30.00	200	28.04	283	27.26
280	25.28	270	25.03	719	31.35	721	28.19	720	27.41
284	25.30	273	25.08	273	31.37	273	28.38	832	27.53
200	25.58	622	25.33	831	31.83	6	28.45	281	27.55
282	25.67	200	25.48	270	32.56	194	28.46	280	27.69
624	25.73	276	25.84	191	32.91	276	28.55	191	27.73
831	25.78	280	25.91	200	34.12	192	29.71	200	28.10
286	25.88	281	26.11	283	34.36	286	29.75	284	28.11
283	26.12	191	26.22	624	34.53	191	29.82	112	28.25
273	26.22	624	26.25	197	34.54	271	29.91	13	28.32
832	26.53	623	26.33	834	34.77	624	30.18	721	28.48
277	26.67	112	26.46	282	36.29	622	30.49	278	28.50
191	27.67	282	26.53	6	37.20	138	30.58	110	28.87
278	27.75	277	27.00	280	38.13	623	30.60	276	28.89
721	28.03	15	27.18	15	39.30	13	30.67	6	29.13
15	28.18	278	27.54	14	39.53	281	30.72	14	29.23
276	28.18	831	27.60	13	39.63	834	31.00	622	29.44
110	28.19	14	27.83	110	42.04	284	31.28	272	29.64
623	28.48	286	27.94	108	42.50	272	31.47	286	29.65
272	28.77	194	28.00	720	44.83	831	31.89	831	29.73
112	28.90	272	28.04	112	45.55	11	31.90	623	30.04
192	29.33	110	28.47	286	46.75	719	32.02	12	30.29
138	29.53	11	28.54	194	49.66	14	32.36	192	30.33
834	29.62	138	28.88	278	59.50	625	33.12	11	30.38
12	29.72	12	28.94	12	66.55	12	33.68	834	30.58
194	30.10	719	29.20	721	98.33	278	36.80	138	30.81
11	30.29	192	29.90			15	38.96	194	31.80
719	30.45	834	30.89					719	32.23
				31.71					
				Regionwide		29.49			
						Regionwide			
	25.68		25.48						28.27
	Regionwide		Regionwide						Regionwide

Table 8. Jr Secondary Average Class Size Regionwide for Reporting Districts

Social Studies		Special Education		Technology Ed/Computer Science		World Languages	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
108	20.70	108	3.00	138	19.00	13	18.33
271	24.83	192	3.00	108	19.27	280	19.83
282	25.57	278	3.30	625	20.71	278	22.00
6	25.61	110	3.47	197	21.60	273	23.24
1	25.89	276	3.56	280	21.67	138	23.50
625	26.25	282	3.92	6	21.83	624	23.88
197	26.29	624	4.02	191	23.94	6	24.71
270	26.46	720	4.03	831	24.50	625	24.84
273	26.61	831	4.08	273	24.63	270	25.07
622	26.66	15	4.11	832	24.65	282	25.30
284	26.69	12	4.14	282	24.67	832	25.71
277	26.72	197	4.27	192	25.00	191	25.73
14	26.90	284	4.37	623	25.62	831	26.28
832	27.13	270	4.58	277	25.74	720	26.29
280	27.34	194	4.66	720	25.91	1	26.34
191	27.43	286	4.75	624	25.93	283	26.48
721	27.43	272	4.86	200	26.29	721	26.50
283	27.45	14	5.08	270	26.74	284	26.78
624	27.69	721	5.25	1	27.00	200	26.80
281	27.70	138	6.00	721	27.17	271	26.81
15	27.92	283	6.08	14	28.00	623	26.85
278	28.04	834	6.23	278	28.14	281	26.86
276	28.31	11	6.43	194	28.43	272	27.02
13	28.53	191	6.56	11	29.01	276	27.04
12	28.66	281	6.59	110	29.10	112	27.32
720	28.79	719	6.71	15	29.13	197	27.40
831	28.79	277	6.80	281	29.15	286	27.44
623	28.84	832	6.80	12	29.36	14	28.27
110	28.89	280	7.65	284	29.36	622	29.33
286	29.00	1	7.85	622	29.50	192	29.40
200	29.22	622	8.48	112	29.58	834	29.52
194	29.38	625	8.52	283	29.60	11	29.89
112	29.44	13	9.25	276	29.69	719	31.70
272	29.74			272	30.60	110	32.40
192	30.06		5.80	834	31.08	15	34.25
11	30.11	Regionwide		719	33.33		
138	30.72				27.29	26.53	
719	30.98			Regionwide		Regionwide	
834	31.47						
	27.86						
	Regionwide						

Table 9. Jr Secondary Maximum/Minimum Class Size Regionwide for Reporting Districts

Art			Business Ed/Marketing			Family & Consumer Science			Health Education			Interdisciplinary Courses		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
108	22	16	1	21	21	108	22	16	138	21	17	191	14	13
6	27	21	280	25	15	282	26	24	108	22	19	622	22	22
197	28	14	625	34	5	272	30	28	282	27	23	276	24	15
721	28	26	719	34	34	832	30	18	12	30	20	831	30	17
282	29	21	831	34	19	192	31	21	280	30	19	14	32	28
832	30	18	191	35	19	623	31	21	283	30	25	200	33	9
138	31	15	624	36	23	625	31	19	286	30	23	277	33	20
278	31	26				197	32	17	272	31	27	13	34	17
280	31	18	36	5		271	32	15	284	31	24	625	42	2
623	31	21	Regionwide			273	32	16	6	32	21			
272	32	26				277	32	19	623	32	17		42	2
13	33	9				281	32	20	721	32	27		Regionwide	
191	33	18				286	33	21	273	33	16			
192	33	23				720	33	14	281	33	23			
273	33	14				12	34	20	14	34	24			
281	33	20				191	34	12	270	34	11			
283	33	20				194	34	20	271	34	20			
720	33	21				270	34	19	624	34	15			
15	34	26				276	34	19	720	34	19			
194	34	21				284	34	16	191	35	15			
200	34	20				11	35	20	192	35	25			
270	34	14				110	35	26	200	35	14			
624	34	18				200	35	25	276	35	23			
110	35	26				831	35	7	110	36	2			
12	35	20				624	36	22	625	36	12			
276	35	18				719	36	26	831	37	27			
284	35	19				15	37	30	834	37	23			
286	35	25				622	38	12	15	38	24			
622	35	12				112	44	13	622	38	16			
719	35	26							719	38	21			
11	36	20				44	7		1	43	3			
271	36	18				Regionwide								
831	36	12							43	2				
834	36	18							Regionwide					
277	37	15												
112	38	19												
14	38	28												
625	38	5												
1	44	7												
	44	5												
	Regionwide													

Table 9. Jr Secondary Maximum/Minimum Class Size Regionwide for Reporting Districts

Language Arts/English			Math			Music			Physical Education			Science		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
108	25	5	108	25	16	623	32	27	108	24	17	108	25	17
280	29	20	280	31	20	832	35	20	282	27	22	282	29	21
282	30	20	282	31	18	276	39	14	721	32	13	832	31	23
110	31	24	832	31	8	284	40	4	270	34	14	110	32	24
278	31	24	13	32	13	277	42	15	192	35	17	270	32	13
277	32	17	721	32	6	281	44	13	273	35	19	273	32	17
284	32	4	138	33	22	15	47	30	280	35	19	277	32	22
721	32	24	272	33	13	191	47	17	286	35	21	283	32	20
13	33	15	273	33	14	270	47	14	110	36	8	284	32	20
14	33	6	277	33	20	192	49	16	138	36	28	15	33	19
197	33	13	278	33	22	271	50	11	272	36	28	272	33	19
270	33	7	281	33	15	625	51	3	277	36	20	278	33	22
273	33	20	284	33	4	719	53	16	720	36	1	280	33	23
286	33	20	623	33	12	282	55	19	14	37	26	623	33	24
623	33	24	110	34	24	622	55	3	283	37	11	720	33	12
832	33	19	270	34	10	6	56	26	832	37	20	721	33	15
138	34	25	286	34	19	624	57	15	271	38	15	138	34	26
200	34	14	15	35	19	280	58	22	6	38	19	271	34	15
272	34	21	197	35	13	834	61	14	623	38	22	276	34	20
281	34	10	200	35	8	273	63	17	200	39	7	6	34	19
624	34	9	276	35	4	13	65	19	624	39	18	12	35	22
112	35	19	283	35	8	283	65	15	11	41	17	192	35	20
12	35	22	6	35	13	108	66	22	13	41	13	197	35	16
15	35	16	622	35	1	138	68	3	278	41	31	281	35	18
192	35	20	624	35	11	1	69	4	281	41	13	624	35	9
271	35	10	625	35	6	720	75	21	284	41	18	11	36	21
276	35	19	11	36	15	194	76	17	719	41	16	112	36	17
6	35	3	12	36	18	197	76	13	831	41	22	13	36	18
831	35	3	14	36	22	112	77	11	197	42	19	14	36	18
11	36	22	192	36	21	831	77	2	276	42	15	200	36	17
283	36	21	271	36	10	200	78	5	834	42	14	834	36	20
720	36	13	720	36	10	286	79	31	1	43	8	622	37	14
622	37	6	831	36	5	110	80	12	12	43	29	194	38	19
194	38	8	834	37	21	14	82	21	15	44	33	625	38	11
625	38	5	112	38	20	12	88	41	194	44	18	831	38	19
719	38	19	191	38	9	278	100	42	622	44	16	719	39	23
834	38	19	719	38	15	721	127	71	191	45	16	191	40	12
1	40	3	1	39	3				625	53	7	1	41	7
191	40	12	194	39	7							286	41	23
						127	2							
						Regionwide				53	1			
									Regionwide				41	7
	40	3		39	1									
	Regionwide			Regionwide									Regionwide	

Table 9. Jr Secondary Maximum/Minimum Class Size Regionwide for Reporting Districts

Social Studies			Special Education			Technology Ed/Computer Science			World Languages		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
108	26	17	192	3	3	138	21	17	13	20	17
282	30	22	108	5	1	108	22	16	280	27	11
280	31	22	282	5	2	280	24	17	278	30	14
721	31	18	110	8	1	623	28	21	282	30	21
832	31	23	278	8	1	625	28	15	721	30	25
110	32	24	15	9	1	282	29	17	138	31	16
14	32	19	270	9	1	721	29	24	197	31	23
15	32	21	276	9	1	110	30	28	832	31	14
277	32	22	831	9	1	197	30	11	270	32	12
278	32	19	277	10	2	832	30	18	6	32	19
284	32	5	719	10	3	6	31	17	623	32	22
272	33	20	720	10	1	831	31	17	720	32	12
273	33	17	14	11	1	192	32	23	200	33	14
283	33	19	197	11	1	278	32	25	272	33	19
6	33	20	832	11	2	283	32	24	273	33	1
138	34	27	138	12	2	720	32	17	283	33	17
200	34	16	194	12	1	15	33	21	110	34	31
270	34	12	721	12	1	270	33	16	271	34	13
271	34	15	12	13	1	272	33	29	276	34	16
276	34	20	272	13	2	273	33	2	281	34	18
623	34	20	624	13	1	281	33	24	112	35	14
112	35	19	286	14	1	624	33	15	192	35	21
12	35	17	13	15	3	14	34	16	284	35	15
13	35	13	281	15	1	194	34	20	624	35	4
281	35	18	1	16	3	200	34	17	11	36	18
624	35	12	191	16	1	277	34	17	286	36	20
720	35	19	280	16	2	11	35	19	622	36	17
11	36	21	284	16	1	12	35	20	831	36	12
192	36	19	834	16	1	191	35	9	834	36	21
197	36	14	11	17	1	284	35	16	14	37	15
622	36	10	283	20	1	276	36	23	15	37	30
286	37	22	622	20	1	719	36	29	191	37	10
831	37	15	625	23	2	112	37	14	719	38	20
834	37	23				834	37	21	1	40	12
719	38	20	23	1		622	38	18	625	41	8
191	39	12	Regionwide			1	40	4			
194	39	20							41	1	
1	41	6				40	2		Regionwide		
625	42	8				Regionwide					
	42	5									
	Regionwide										

D. SENIOR SECONDARY CLASS SIZE STATISTICS

Senior secondary class size data are reported for each participating district in selected subject areas (see page 3 in the Glossary of Terms for a list).

Table 10 (pages 25-27) reports the average class sizes for each school district. Districts are ranked from low to high according to the average calculated.

Table 11 (pages 28-30) reports class size maximums and minimums for each school district. Districts are ranked from low to high based upon the maximum class size, not the difference between the maximum and minimum class sizes.

Individual districts that did not submit data required for these tables were excluded from that portion of a table(s).

Table 10. Sr Secondary Average Class Size Regionwide for Reporting Districts

Art		Business Ed/Marketing		Family & Consumer Science		Health Education		Language Arts/English	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
138	8.65	280	16.14	110	14.00	112	15.00	284	21.71
6	12.42	110	18.00	108	17.80	110	22.40	720	22.11
286	14.53	138	19.56	200	19.33	108	23.00	1	22.93
108	19.00	286	19.86	6	20.50	286	23.33	108	22.94
831	20.05	108	20.50	832	21.00	138	23.86	6	24.16
200	20.43	200	20.60	720	21.06	277	24.17	282	24.73
282	22.33	6	20.67	282	22.00	284	26.41	625	24.93
278	22.75	624	22.14	271	22.62	278	26.80	110	25.00
284	23.61	14	23.44	281	23.27	273	27.50	138	25.00
277	23.69	194	23.73	276	23.31	625	27.71	271	25.21
110	23.83	271	24.05	625	24.00	271	28.40	624	25.83
625	24.20	720	24.22	622	25.18	282	28.67	276	25.94
720	24.33	276	24.70	197	25.40	721	28.80	286	26.06
270	24.42	284	24.90	831	25.71	720	28.89	278	26.23
273	25.17	832	25.50	286	26.00	624	29.10	272	26.37
1	25.63	281	25.80	721	26.67	192	30.00	277	26.49
14	26.04	273	26.63	273	27.17	281	30.20	280	26.70
832	26.06	191	26.78	14	27.20	1	30.84	832	26.72
624	26.07	719	26.80	272	27.69	719	31.70	281	26.73
271	26.17	625	26.83	194	27.77	12	31.71	14	27.34
281	26.43	278	27.00	719	27.83	15	32.43	273	27.53
276	26.96	277	27.14	280	28.20	6	32.67	13	27.71
12	27.77	197	27.43	12	28.31	200	32.77	200	27.72
272	28.00	622	27.61	138	28.38	270	33.45	721	27.96
622	28.00	272	27.80	624	28.38	831	33.53	191	28.16
283	28.17	11	28.08	112	29.13	272	33.60	831	28.53
112	28.43	192	28.38	623	29.36	834	33.86	192	28.64
721	28.50	12	28.80	191	29.43	191	34.18	112	28.92
623	29.45	623	29.14	15	29.63	280	34.20	12	29.14
13	29.92	831	29.86	11	29.87	622	34.44	622	29.60
719	30.07	15	30.73	284	30.21	623	35.60	270	29.73
194	30.47	283	30.81	192	30.50	194	35.96	719	30.14
11	30.51	721	30.82	13	32.15	13	36.00	283	30.14
197	30.57	112	31.11	270	32.85	283	39.00	623	30.36
834	30.75	13	31.50					15	30.57
192	30.94	270	32.11					197	30.91
15	31.63	834	32.29					834	30.96
280	32.00	1	34.50					194	31.45
191	34.86							11	32.63
	25.67		26.51		26.74		30.28		27.03
	Regionwide		Regionwide		Regionwide		Regionwide		Regionwide

Table 10. Sr Secondary Average Class Size Regionwide for Reporting Districts

Math		Music		Physical Education		Science		Social Studies	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
108	21.60	110	24.40	108	22.57	108	19.00	108	22.88
278	23.51	14	25.50	278	23.29	110	24.77	1	24.80
110	24.17	1	27.28	284	24.23	720	25.55	284	25.01
1	24.20	625	28.76	277	25.15	200	25.64	720	25.25
720	24.63	622	29.38	6	25.93	14	25.81	14	26.35
284	24.79	277	32.50	272	26.95	284	26.02	200	26.49
277	24.85	283	33.36	110	27.00	278	26.03	277	26.62
625	25.03	271	33.39	720	27.00	1	26.18	110	26.66
6	25.22	197	35.60	273	27.07	6	26.40	282	26.76
282	25.36	831	35.68	286	27.10	286	26.41	278	27.15
831	25.62	138	35.71	282	27.29	271	26.68	271	27.44
14	25.92	284	35.80	832	27.73	625	26.69	286	27.93
721	26.28	276	36.77	14	27.83	12	26.92	624	28.17
286	26.45	624	36.92	624	28.14	623	26.94	625	28.23
832	26.48	721	37.00	625	28.42	834	27.07	273	28.23
271	26.72	281	37.75	271	28.43	272	27.16	834	28.28
138	26.75	282	37.83	200	28.47	282	27.50	721	29.19
200	26.89	191	38.91	194	28.92	276	27.63	276	29.23
273	27.22	280	39.25	276	28.96	277	27.64	283	29.47
624	27.47	286	40.83	112	29.07	831	27.72	15	30.19
272	27.63	278	41.90	1	30.07	273	27.81	832	30.22
12	27.93	112	41.93	831	30.27	624	28.07	6	30.74
276	28.28	720	42.14	622	30.50	283	28.16	281	30.80
283	28.71	719	42.29	192	30.81	15	28.41	719	30.83
281	28.73	13	42.75	283	30.94	138	28.47	112	31.05
191	28.81	832	43.83	721	31.36	191	28.48	831	31.09
280	29.00	194	43.93	281	31.88	281	28.50	192	31.14
623	29.22	270	44.04	719	32.00	280	28.62	272	31.15
15	29.40	6	45.60	834	32.00	832	28.75	622	31.16
192	29.54	834	46.50	623	32.42	192	28.78	623	31.32
112	29.54	200	46.91	270	32.47	721	28.84	13	31.39
13	29.96	273	48.00	15	32.56	112	29.34	191	31.82
197	30.18	108	53.00	13	33.11	197	30.30	12	32.00
834	30.37	12	54.60	138	33.21	13	30.36	197	32.07
622	30.63	192	56.60	11	33.33	719	31.11	138	32.10
719	31.16	15	62.11	12	33.38	622	31.30	280	32.37
194	31.18			280	33.46	11	32.43	270	33.39
11	31.26		36.88	197	33.93	270	32.75	11	33.83
270	31.69		Regionwide	191	34.50	194	33.28	194	34.47
	27.36				29.59		28.22		29.35
	Regionwide				Regionwide		Regionwide		Regionwide

Table 10. Sr Secondary Average Class Size Regionwide for Reporting Districts

Special Education		Technology Ed/Computer Science		Work Experience Program		World Languages	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
831	2.85	720	16.89	282	3.00	278	21.00
270	2.86	194	17.14	276	4.00	14	21.24
278	3.16	138	17.27	15	4.20	277	22.21
282	3.69	200	18.45	834	5.56	6	22.25
286	4.07	282	18.50	12	6.40	625	23.12
277	4.07	108	18.78	108	6.50	110	23.16
108	4.30	281	19.27	110	7.50	108	23.60
276	4.36	13	20.00	13	7.75	721	23.64
720	4.98	625	20.05	284	8.67	271	23.88
138	5.15	271	21.87	272	8.75	282	23.88
832	5.17	110	22.00	283	8.80	720	24.00
110	5.39	277	22.20	721	12.50	286	24.55
6	5.50	831	22.23	11	12.66	273	24.96
194	6.04	192	22.29	719	13.60	13	25.00
15	6.09	1	22.31	831	16.00	283	25.08
284	6.14	270	22.39	625	17.86	138	25.14
272	6.21	284	22.60			200	25.25
721	6.32	624	22.67		10.69	1	25.61
14	6.32	832	22.71	Regionwide		624	25.78
191	7.31	286	23.07			276	25.99
719	7.37	721	23.09			832	26.04
281	7.63	278	23.20			192	26.26
283	7.85	280	23.25			280	26.29
1	7.86	14	23.38			281	26.46
11	7.90	283	23.50			284	26.57
625	7.90	191	23.89			831	27.02
280	8.64	276	24.08			623	27.11
834	8.91	623	24.29			272	27.88
192	9.00	12	25.63			15	28.20
197	9.43	622	25.79			622	28.28
13	10.03	719	26.00			197	28.59
624	11.78	112	26.77			719	29.57
		272	27.11			12	29.82
6.73		6	27.80			191	29.93
Regionwide		197	28.50			270	29.95
		11	28.72			112	29.96
		15	30.06			834	29.97
		834	32.17			11	30.99
		22.87				194	32.64
		Regionwide					26.64
							Regionwide

Table 11. Sr Secondary Maximum/Minimum Class Size Regionwide for Reporting Districts

Art			Business Ed/Marketing			Family & Consumer Science			Health Education			Language Arts/English		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
6	17	5	110	19	17	110	19	9	112	15	15	832	31	14
108	26	12	108	25	16	200	24	12	110	29	15	110	32	7
138	29	1	280	28	6	108	27	13	108	31	17	273	32	16
110	30	19	720	28	21	282	28	5	273	31	24	278	32	11
832	30	22	200	29	15	720	28	9	277	31	19	721	32	13
200	32	9	6	30	12	832	28	12	284	31	18	108	33	6
272	32	22	832	30	21	280	30	23	278	32	22	200	33	19
273	32	15	14	31	10	286	30	23	721	32	24	277	33	13
276	32	9	273	31	16	273	31	24	282	33	23	284	33	3
277	32	9	192	32	19	721	31	23	720	33	20	720	33	6
278	32	6	271	32	12	197	32	17	12	34	28	12	34	13
286	32	2	276	32	17	276	32	13	192	34	26	14	34	13
271	33	19	278	32	18	6	32	9	272	34	33	276	34	4
282	33	1	719	32	17	14	33	17	6	34	31	192	35	15
720	33	3	13	33	30	15	34	26	271	35	13	272	35	6
12	34	19	286	33	6	192	34	18	624	35	14	13	36	12
14	34	13	721	33	28	271	34	10	191	36	30	282	36	2
192	34	25	138	34	1	272	34	18	200	36	30	624	36	11
284	34	3	272	34	9	12	35	22	622	36	31	112	37	16
721	34	20	284	34	6	138	35	14	831	36	30	15	37	14
831	34	2	12	35	25	191	35	7	834	36	29	280	37	13
15	35	28	15	35	21	284	35	23	15	37	27	831	37	13
622	35	15	197	35	17	622	35	7	280	37	31	270	38	10
191	36	34	277	35	11	623	35	20	286	37	15	6	38	7
270	36	12	623	35	20	831	35	6	138	38	9	623	38	15
280	36	26	624	35	15	625	36	9	270	38	14	271	39	10
281	36	16	270	36	7	719	36	18	623	38	33	281	39	8
623	36	16	281	36	7	11	37	17	719	38	22	622	39	18
834	36	24	622	36	15	112	37	13	13	39	32	834	39	27
13	37	17	625	36	13	13	37	27	283	39	39	1	40	3
197	38	27	831	36	17	281	37	11	625	39	5	11	40	11
624	38	14	191	37	10	194	38	13	281	40	7	138	40	1
625	38	5	834	37	28	270	38	14	194	43	16	191	40	7
719	38	18	11	38	10	624	38	14	1	46	5	197	40	20
11	39	4	283	39	15							719	40	14
283	39	16	112	40	18		38	5		46	5	283	41	11
1	40	4	194	41	1		Regionwide			Regionwide		194	43	3
112	40	17	1	44	25							625	49	5
194	41	1										286	52	12
	41	1		44	1								52	1
	Regionwide			Regionwide									Regionwide	

Table 11. Sr Secondary Maximum/Minimum Class Size Regionwide for Reporting Districts

Math			Music			Physical Education			Science			Social Studies		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
108	30	10	277	42	25	108	31	16	108	27	13	108	30	11
832	30	16	138	43	19	278	31	12	110	31	11	273	33	17
277	32	8	280	45	36	832	33	17	278	31	13	282	33	17
110	33	7	14	47	7	14	34	18	200	32	15	834	33	20
200	33	16	622	51	8	272	34	17	272	32	17	110	34	12
278	33	6	13	59	25	282	34	21	284	32	5	14	34	16
284	33	1	108	60	48	624	34	11	832	32	18	200	34	18
721	33	1	276	60	15	721	34	27	192	34	15	284	34	3
272	34	9	271	62	13	273	35	9	273	34	15	721	34	13
282	34	2	624	64	15	720	35	14	276	34	15	832	34	25
720	34	12	832	67	19	110	36	8	277	34	16	278	35	7
12	35	20	283	69	18	200	37	15	720	34	10	12	36	24
13	35	17	197	70	19	276	37	1	12	35	20	283	36	3
192	35	20	12	72	31	284	37	1	15	35	19	720	36	8
273	35	16	719	72	18	834	37	24	271	35	10	192	37	15
276	36	4	112	73	22	15	38	28	280	35	18	276	37	12
623	36	9	278	73	6	831	38	19	6	35	2	624	37	8
15	37	14	831	73	11	112	39	17	623	35	13	138	38	21
280	37	13	282	74	2	270	39	10	721	35	19	15	38	16
286	37	10	834	74	19	277	39	13	281	36	13	270	38	16
831	37	7	286	75	5	280	39	27	282	36	16	272	38	18
834	37	25	110	77	1	12	40	18	283	36	17	623	38	21
197	38	20	270	78	18	191	40	21	112	37	16	112	39	17
270	38	19	721	79	1	192	40	22	138	37	19	13	39	18
271	38	11	720	80	8	623	40	15	624	37	9	271	39	11
6	38	6	1	81	4	138	41	23	14	38	14	6	39	19
112	39	13	200	83	14	286	42	5	270	38	11	622	39	18
14	39	17	191	87	14	6	42	16	622	38	11	719	39	14
622	39	12	281	89	9	622	42	16	719	38	14	831	39	13
624	39	11	6	92	7	719	42	20	831	38	13	191	40	12
719	39	18	192	97	23	197	43	21	13	39	21	197	40	18
11	40	15	273	104	13	11	44	13	834	39	16	281	40	10
281	40	7	284	112	1	281	44	10	11	40	15	1	41	3
138	41	12	625	113	5	194	45	1	191	40	10	11	41	19
191	41	5	15	148	26	625	45	10	197	41	21	280	41	20
283	41	4	194	228	1	13	46	24	625	41	6	277	43	13
194	42	3				271	49	17	194	42	17	625	47	5
1	43	3	228	1		283	52	17	1	43	3	286	65	5
625	44	5	Regionwide			1	57	3	286	57	10	194	67	13
	44	1					57	1		57	2		67	3
	Regionwide						Regionwide			Regionwide			Regionwide	

Table 11. Sr Secondary Maximum/Minimum Class Size Regionwide for Reporting Districts

Special Education			Technology Ed/Computer Science			Work Experience Program			World Languages		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
6	6	5	720	25	1	276	4	4	108	27	22
108	7	2	200	26	7	282	5	1	832	32	11
282	7	1	281	26	12	15	7	1	110	33	1
278	8	1	271	27	12	108	8	5	14	33	9
15	9	2	108	28	7	834	11	1	273	33	16
192	9	9	110	28	17	110	12	3	278	33	6
277	10	1	277	28	15	13	13	2	13	34	7
720	10	1	832	28	12	12	14	1	272	34	6
138	11	1	278	29	8	272	14	4	277	34	6
270	11	1	282	29	10	721	16	9	284	34	4
276	13	1	721	29	17	831	19	10	6	34	14
284	13	1	280	30	15	284	21	1	138	35	8
832	13	1	283	30	15	719	25	9	15	35	12
110	14	1	284	30	1	625	29	4	200	35	7
191	14	1	831	30	10	11	35	1	271	35	12
194	14	1	13	31	9	283	38	1	282	35	16
286	14	1	192	31	8				623	35	8
831	14	1	719	31	20		38	1	720	35	4
1	15	3	138	32	4		Regionwide		721	35	1
14	15	1	276	32	19				192	36	8
197	15	4	623	32	14				286	36	10
272	15	1	14	33	14				624	36	7
721	15	1	191	33	9				191	37	10
280	17	1	194	33	1				276	37	7
281	17	1	272	33	21				719	37	16
13	18	3	6	33	20				834	38	22
283	21	1	622	34	20				112	39	14
834	21	2	197	35	19				12	39	19
625	28	2	625	35	8				197	39	11
719	29	1	12	36	14				270	39	12
11	30	1	15	36	22				280	39	3
624	34	1	270	36	5				622	39	9
			624	36	9				831	39	16
	34	1	1	37	3				11	40	5
	Regionwide		11	37	17				281	40	7
			834	37	26				283	40	7
			112	38	17				625	42	7
			286	42	8				1	43	5
				42	1				194	44	1
				Regionwide						44	1
										Regionwide	

DATA OBSERVATIONS

Thirty-nine Twin Cities metro area school districts participated in the 2012-2013 Class Size Study. Individual districts that did not submit data required for these tables were excluded from that portion of a table(s).

For Elementary data, highest average class sizes generally increased with grade level. For the most part, class size ranges were not as variable as those for Secondary data.

For Junior Secondary data, highest average class sizes regionwide were for Family & Consumer Science, Music, Physical Education, and Science. Class size ranges showed wide variability.

For Senior Secondary data, highest average class sizes regionwide were for Health Education, Music, Physical Education, and Social Studies. Class size ranges showed wide variability.

APPENDIX

39 PARTICIPATING DISTRICTS

Alphabetical Listing

11 Anoka-Hennepin
271 Bloomington
286 Brooklyn Center
191 Burnsville-Eagan-Savage
12 Centennial
108 Central Public Schools
13 Columbia Heights
112 Eastern Carver County
272 Eden Prairie
273 Edina
192 Farmington
831 Forest Lake
14 Fridley
200 Hastings
270 Hopkins
194 Lakeville
832 Mahtomedi
1 Minneapolis
276 Minnetonka
721 New Prague
138 North Branch
622 North St. Paul-Maplewood-Oakdale
278 Orono
719 Prior Lake-Savage
280 Richfield
281 Robbinsdale
623 Roseville
720 Shakopee
6 South St. Paul
282 St. Anthony-New Brighton
15 St. Francis
283 St. Louis Park
625 St. Paul
834 Stillwater
110 Waconia
284 Wayzata
197 West St. Paul
277 Westonka
624 White Bear Lake

District Number Listing

1 Minneapolis
6 South St. Paul
11 Anoka-Hennepin
12 Centennial
13 Columbia Heights
14 Fridley
15 St. Francis
108 Central Public Schools
110 Waconia
112 Eastern Carver County
138 North Branch
191 Burnsville-Eagan-Savage
192 Farmington
194 Lakeville
197 West St. Paul
200 Hastings
270 Hopkins
271 Bloomington
272 Eden Prairie
273 Edina
276 Minnetonka
277 Westonka
278 Orono
280 Richfield
281 Robbinsdale
282 St. Anthony-New Brighton
283 St. Louis Park
284 Wayzata
286 Brooklyn Center
622 North St. Paul-Maplewood-Oakdale
623 Roseville
624 White Bear Lake
625 St. Paul
719 Prior Lake-Savage
720 Shakopee
721 New Prague
831 Forest Lake
832 Mahtomedi
834 Stillwater



Metro ECSU
3055 Old Highway 8, Suite 302
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612-638-1500

DATE: October 3, 2012
TO: Class Size Study District Contact Persons
FROM: Cathy Macdonald, Metro ECSU Director of Operations
Julie Schaal, Class Size Study Coordinator
RE: Directions for the Annual Class Size Study 2012-13

Metro ECSU is again collecting school district data for the 7-county metro area Class Size Study. This study will give districts a point of comparison for class size across the metro area for 2012-2013 school year. Metro ECSU would greatly appreciate your help in collecting the data for this study. All districts that submit data will receive a copy of the Metro ECSU Class Size Study when it is released.

Class Size Reported as of October 1, 2012:

Class size data should reflect class sizes as of October 1, 2012. Please do not update your data to reflect changes made after October 1. It is important that all districts report data from the same time period.

Reporting Format:

Please find enclosed three different Excel spreadsheets for data reporting. Each file is designed for one school level as follows.

- Elementary (K – 6)
- Junior Secondary, Middle School, or First Part of Six-Year Secondary
- Senior Secondary or Second Part of Six-Year Secondary

Each entry in Excel consists of: District Number, Class Type (elementary grades or secondary subjects), Number of Classes and Class Size. These are called fields.

Each file contains a data entry sample and a list of acceptable values for the Class Type field. Note that the Class Type field has a pop-up list of values from which to choose (click on the up/down arrows); you do not have to type them.

If your school does not have a particular Class Type, do not list the Class Type or enter any data. For example, if your junior secondary school does not offer world languages, skip world languages.

Example:

Suppose St. Paul Public Schools (district 625) had the following English classes in a middle school: one class of 18, four classes of 22, and twelve classes of 24.

- Use the Junior Secondary Excel Spreadsheet.
- Enter three lines of data, as follows.

District	Class Type	# Classes	Class Size
625	English	1	18
625	English	4	22
625	English	12	24

Mode of Collection:

If data is compiled at the district level (as is often the case in smaller districts), use one of each of the three Excel files to record the data.

If data is collected from a number of building level contacts, please distribute the appropriate Excel file(s) to each school. Also include a copy of this memo. Instruct building contacts to respond in a timely fashion—we suggest that you give them a due date of 11/9/2012. (Metro ECSU’s due date is 11/16/2012.)

Once the data from each building is collected, please aggregate the data for the district into your three different Excel files (elementary, jr. secondary and sr. secondary). Please send only the three *district* aggregate data files (along with any comments) to Metro ECSU.

Aggregate the data by copying the individual buildings’ data into your three Excel files. For example, when you receive files from junior secondary schools, proceed as follows.

1. Open your empty district Jr Secondary file.
2. Open the first building’s Jr Secondary file.
3. Review the building contact’s data entry and make corrections if necessary.
4. Select all of the data entered in columns A-D (not including the titles in row A).
5. Switch to your district Jr Secondary file.
6. Click in the first empty cell in column A and paste in the data that you just copied.
7. Open the next building’s Jr Secondary file.
8. Repeat steps 3-7 until you have copied all of the Jr Secondary files into the district file.
9. Save your district Jr Secondary file.

Do not total the data for your district. Send the raw data from each school.

Do not commingle elementary, junior secondary or senior secondary data. Keep each type of data in its respective Excel file.

Excel File Names and Format:

Please rename your three Excel files *before* you use or distribute them; add your district name and number to the file name as per this example:

Original File Name	Renamed File Name
ECSU Elementary.xls	StPaul 625 Elementary.xls
ECSU Jr Secondary.xls	StPaul 625 JrSecondary.xls
ECSU Sr Secondary.xls	StPaul 625 SrSecondary.xls

The file must remain in “.xls” format. Newer versions of Excel may ask if you want to save the file in another format, such as “.xlsx”. **Do not change the file to this newer format.**

DEADLINE:

Submit your data to Metro ECSU by November 16, 2012. Make sure that you include your contact information in the space provided in the Excel files so that we know who to contact with questions about the data.

If you do not submit your data by November 16, we cannot guarantee that it will be included in the study. All districts that submit data will receive a copy of the Metro ECSU Class Size Study when it is released at the end of January/early February.

If you have any questions, please contact Julie Schaal, Class Size Study Coordinator, at julie.schaal@metroecs.org or 612-638-1540. Thank you for your cooperation and assistance.

Guidance for Special Cases

Submitting Data for the Metro ECSU Class Size Study

Alternative Learning Programs (secondary level)

The Metro ECSU Class Size Study does not attempt to include all possible class types. Data for Alternative Learning Programs in separate settings is not collected because it is currently beyond the scope of this study.

Class Type Options

Provide class size information for the Class Types listed in the drop down menu only. Metro ECSU does not attempt to include all possible Class Types. Do not include any extra classes at the Elementary level such as Gym, Art or Music.

If your school does not have a particular Class Type, do not list the Class Type or enter any data. For example, if your junior secondary school does not offer world languages, skip world languages.

Combo or Ungraded (elementary)

Include classes that combine grade levels (combo) or arrange classes by student achievement level (ungraded).

Half-Day vs. Full-Day Kindergarten (elementary)

Count half-day and full-day kindergarten the same way. Example: 2 half-day Kindergarten classes of 22 students + 2 full-day Kindergarten classes of 22 students should be reported as 4 Kindergarten classes of 22 students.

Interdisciplinary (secondary level)

Include classes that combine 2 or more subject areas (class types) at the secondary level. This is for entire courses, not just units of study.

Multiple Teachers per Group

In situations where there are two or more certified teachers assigned to a section or group of students, this should be reported as if there were multiple sections of the class with one teacher each. It would be assumed that teachers share essentially equal student "loads."

Examples:

- 2 certified teachers/41 students: Report as 1 class of 20 and 1 class of 21
- 4 certified teachers/101 students: Report as 3 classes of 25 and 1 class of 26
- 4 certified teachers + 1 half-time teacher/104 students : Report as 4 classes of 23 and 1 class of 12 (allows for the half-time person to have half the # of students)

$n = \#$ students for full time teacher

$$4n + .5n = 104$$

Keep in mind some rounding may be needed to maintain # students (n) as whole numbers.

Special Education (all levels)

Special education students should be counted with the general education class to which they are assigned. Students in special education classes are counted separately if they are comprised only of special education students who spend the majority of their time in that class.

Additional Considerations

If circumstances exist which make the reporting of your school's/district's data in this format not comparable to other reported data, please attach a "Comment" sheet to explain the circumstances.

Data Collection Format: Elementary

District Nbr	Class Type	Nbr Classes	Class Size

Class Type Values
K
1
2
3
4
5
6
Combo or Ungraded
Special Education

Elementary Example Table				
District Nbr	Class Type	Nbr Classes	Class Size	
625	K	2	17	
625	1	1	19	
625	1	2	21	
625	2	2	20	
625	2	1	21	
625	2	1	23	
625	3	1	23	
625	3	3	22	
625	4	2	28	
625	5	1	26	
625	6	1	29	
625	Combo or Ungraded	1	18	
625	Special Education	2	8	
Etc.				

Please enter your contact information	
Contact Person Name	
Position	
School (or District Office)	
Phone	
Email	

Data Collection Format: Junior Secondary

District Nbr	Class Type	Nbr Classes	Class Size

Class Type Values

Art
 Business Ed/Marketing
 Family & Consumer Science
 Health Education
 Interdisciplinary Courses
 Language Arts/English
 Math
 Music
 Physical Education
 Science
 Social Studies
 Special Education
 Technology Ed/Computer Science
 World Languages

Jr Secondary Example Table

District Nbr	Class Type	Nbr Classes	Class Size
625	Art	2	18
625	Language Arts/English	2	17
625	Language Arts/English	1	25
625	World Languages	1	29
625	Family & Consumer Science	2	20
625	Family & Consumer Science	1	23
625	Technology Ed/Computer Science	1	24
625	Interdisciplinary Courses	2	28
625	Math	1	29
625	Math	4	25
625	Physical Education	2	30
625	Science	1	27
625	Science	3	28
625	Social Studies	2	21
625	Social Studies	3	24
625	Special Education	1	11
625	Special Education	3	10
625	Business Ed/Marketing	1	21
Etc.			

Please enter your contact information	
Contact Person Name	
Position	
School (or District Office)	
Phone	
Email	

Data Collection Format: Senior Secondary

District Nbr	Class Type	Nbr Classes	Class Size	Class Type Values	Sr Secondary Example Table			
				Art	District Nbr	Class Type	Nbr Classes	Class Size
				Business Ed/Marketing	625	Art	2	18
				Family & Consumer Science	625	Business Ed/Marketing	2	17
				Health Education	625	Business Ed/Marketing	1	19
				Language Arts/English	625	Language Arts/English	2	20
				Math	625	Language Arts/English	2	24
				Music	625	Language Arts/English	1	25
				Physical Education	625	Family & Consumer Science	2	28
				Science	625	Family & Consumer Science	1	24
				Social Studies	625	Technology Ed/Computer Science	1	26
				Special Education	625	Technology Ed/Computer Science	3	25
				Technology Ed/Computer Science	625	Math	2	30
				Work Experience Program	625	Physical Education	4	28
				World Languages	625	Science	2	21
					625	Social Studies	1	21
					625	Social Studies	3	24
					625	Special Education	4	10
					625	Work Experience Program	4	25
					625	World Languages	2	16
					Etc.			
				Please enter your contact information				
				Contact Person Name				
				Position				
				School (or District Office)				
				Phone				
				Email				