



Annual Class Size Study

A Report of Class Size Patterns
For the 2011-2012 School Year

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FOREWARD

The Metro ECSU 2011-12 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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TABLE OF CONTENTS

Introduction	1
Glossary	3
List of Tables	5
Reports with Tables	6
A. Regionwide Class Size Statistics	7
B. Elementary Class Size Statistics	12
C. Junior Secondary Class Size Statistics	17
D. Senior Secondary Class Size Statistics	23
Data Observations	29
Appendix	30
A. List of Participating Districts	31
B. Memo to District Contacts: Directions for the Annual Class Size Study	32
C. Data Collection Formats (data was collected electronically in Excel)	35

INTRODUCTION

This report describes class size statistics for thirty-eight 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 32-34) and three Excel spreadsheet formats (pages 35-37), 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, 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 after October 1, 2011.

- 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 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:

<u>Elementary</u>	<u>Junior Secondary</u>	<u>Senior Secondary</u>
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).

LIST OF TABLES

Table	Page
1 Class Size Regionwide for Reporting Districts by Class Type.....	8
2 Class Size Regionwide for Reporting Districts by Grade Group (Excluding Special Education).....	9
3 Class Size Regionwide for Reporting Districts by Grade Group (Including Special Education).....	9
4 Average Class Size by Grade Group for Reporting Districts (Excluding Special Education).....	10
5 Average Class Size by Grade Group for Reporting Districts (Including Special Education).....	11
6 Elementary Average Class Size Regionwide for Reporting Districts.....	13
7 Elementary Maximum/Minimum Class Size Regionwide for Reporting Districts.....	15
8 Jr. Secondary Average Class Size Regionwide for Reporting Districts.....	18
9 Jr. Secondary Maximum/Minimum Class Size Regionwide for Reporting Districts.....	20
10 Sr. Secondary Average Class Size Regionwide for Reporting Districts.....	24
11 Sr. Secondary Maximum/Minimum Class Size Regionwide for Reporting Districts.....	26

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 31).

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

Elementary

Class Type	Avg.	Min.	Max.
Kindergarten	20.8	10	31
Grade 1	22.7	9	31
Grade 2	23.9	7	30
Grade 3	25.2	9	33
Grade 4	26.0	10	34
Grade 5	27.0	14	37
Grade 6	27.0	17	34
Combo or Ungraded	26.4	11	36
Special Education	5.1	1	18

Jr Secondary

Class Type	Avg.	Min.	Max.
Art	27.5	10	38
Business Ed/Marketing	26.0	14	35
Family & Consumer Science	27.6	10	38
Health Education	27.7	7	53
Interdisciplinary Courses	12.4	1	31
Language Arts/English	25.4	1	40
Math	25.6	1	39
Music	29.6	1	145
Physical Education	29.8	4	53
Science	28.6	1	40
Social Studies	27.8	3	40
Special Education	6.1	1	26
Technology Ed/Computer Science	27.4	9	38
World Languages	26.7	1	39

Sr Secondary

Class Type	Avg.	Min.	Max.
Art	26.9	1	40
Business Ed/Marketing	26.4	1	41
Family & Consumer Science	27.0	1	40
Health Education	29.8	9	43
Language Arts/English	27.2	1	43
Math	27.5	1	46
Music	36.2	1	93
Physical Education	29.5	1	49
Science	28.0	1	43
Social Studies	29.8	5	49
Special Education	7.6	1	31
Technology Ed/Computer Science	24.0	1	40
Work Experience Program	11.8	1	42
World Languages	26.8	1	44

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

	Avg.	Min.	Max.
Elementary	24.2	7	37
Jr. Secondary	27.3	1	145
Sr. Secondary	27.8	1	93

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

	Avg.	Min.	Max.
Elementary	23.6	1	37
Jr. Secondary	25.7	1	145
Sr. Secondary	25.8	1	93

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.
276	20.87	108	23.95	108	21.19	108	22.43	108	22.32
108	21.30	273	24.18	286	22.29	286	24.05	286	24.41
624	21.84	625	24.23	110	24.42	717	24.68	717	24.45
277	21.85	271	24.78	278	24.58	284	25.16	284	24.96
271	22.27	13	25.02	717	24.68	273	25.49	271	25.38
717	22.83	284	25.22	282	24.92	625	25.66	273	25.40
284	22.90	191	25.27	284	25.11	282	25.68	282	25.53
721	22.97	277	25.55	716	25.32	110	25.71	277	25.55
200	23.03	832	25.70	831	25.54	271	25.80	625	25.55
278	23.04	281	26.09	277	25.98	277	25.85	110	25.56
716	23.11	280	26.37	138	26.18	831	26.43	276	26.13
834	23.19	192	26.45	14	26.52	138	26.54	831	26.20
110	23.21	622	26.71	279	26.55	200	26.85	200	26.50
281	23.44	282	26.85	276	26.61	832	26.87	716	26.51
719	23.44	200	26.88	625	26.63	192	26.93	280	26.53
197	23.78	6	27.07	200	26.82	280	26.96	278	26.53
13	23.87	138	27.10	271	27.00	278	27.00	192	26.56
831	23.98	286	27.12	6	27.21	14	27.04	6	26.56
14	24.04	270	27.22	280	27.44	716	27.06	13	26.67
112	24.11	831	27.68	192	27.64	276	27.08	281	26.68
282	24.14	276	27.70	832	27.98	281	27.16	138	26.69
6	24.15	110	27.98	281	28.18	6	27.16	832	26.75
280	24.53	623	27.98	273	28.51	13	27.22	14	26.87
192	24.55	15	28.03	13	28.65	191	27.38	191	27.01
272	24.57	14	28.25	15	28.78	279	27.70	279	27.14
273	24.61	12	28.25	624	28.79	15	28.41	624	27.73
622	24.61	624	28.47	721	28.81	270	28.48	623	27.82
279	24.70	279	28.64	12	28.93	12	28.60	15	27.98
623	24.70	197	29.17	272	28.98	624	28.65	270	28.05
270	24.93	716	29.40	623	29.24	623	28.74	12	28.26
11	25.03	719	29.86	270	29.78	622	28.94	622	28.42
625	25.13	721	29.93	191	30.11	721	29.28	272	28.53
832	25.35	11	30.11	834	30.13	272	29.61	721	28.81
191	25.44	112	30.38	112	30.84	197	30.18	834	29.32
15	25.45	272	30.44	622	30.86	112	30.61	197	29.41
12	25.82	278	30.56	11	31.23	11	30.63	11	29.64
286	26.17	834	31.21	197	31.42	834	30.69	112	29.70
138	28.35		27.32	719	32.66	719	31.19	719	30.10
	24.21		Regionwide		27.82		27.58		27.11
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	12.14	625	22.17	108	19.11	717	20.58	717	20.81
276	19.56	280	22.58	717	20.58	108	21.15	108	21.16
108	21.30	191	22.67	286	20.90	286	22.71	276	22.64
624	21.84	277	22.77	110	22.19	14	22.85	14	22.85
277	21.85	276	22.95	14	22.39	625	23.12	625	23.20
716	22.26	13	23.10	278	22.44	276	23.14	286	23.25
271	22.27	622	23.23	284	22.76	284	23.32	284	23.28
834	22.61	281	23.60	276	23.30	280	23.37	110	23.53
14	22.78	14	23.95	138	23.65	110	23.55	280	23.55
717	22.83	108	23.95	625	23.74	278	23.96	278	23.86
284	22.90	284	24.03	280	24.03	277	24.11	277	23.95
200	23.03	273	24.18	6	24.14	138	24.16	281	24.09
278	23.04	270	24.41	282	24.22	281	24.17	282	24.33
110	23.21	282	24.55	831	24.36	282	24.35	138	24.47
281	23.44	271	24.78	716	24.40	191	24.66	831	24.68
719	23.44	138	25.00	277	24.67	831	24.75	13	24.74
625	23.58	192	25.13	281	24.69	13	24.88	191	24.79
197	23.78	831	25.28	832	25.62	6	24.97	6	24.82
13	23.87	832	25.29	13	26.01	832	25.47	192	25.31
831	23.98	15	25.89	192	26.02	273	25.49	721	25.31
112	24.11	624	25.96	279	26.55	192	25.49	271	25.38
282	24.14	286	26.00	15	26.81	271	25.80	273	25.40
6	24.15	110	26.03	200	26.82	716	26.13	832	25.46
192	24.26	278	26.07	721	26.86	622	26.27	716	25.58
280	24.53	272	26.44	271	27.00	15	26.35	622	26.10
272	24.57	200	26.88	834	27.11	624	26.82	624	26.21
273	24.61	719	27.04	191	27.28	200	26.85	15	26.23
622	24.61	6	27.07	624	27.49	270	26.88	200	26.50
279	24.70	12	27.52	272	27.56	272	27.05	272	26.57
623	24.70	197	27.73	273	28.51	721	27.45	270	26.66
270	24.93	623	27.98	11	28.55	279	27.70	834	27.09
11	25.03	721	28.28	12	28.93	719	28.01	279	27.14
832	25.35	716	28.46	719	29.04	834	28.02	719	27.44
191	25.44	279	28.64	622	29.19	12	28.24	623	27.82
15	25.45	834	28.90	623	29.24	623	28.74	12	27.94
12	25.82	11	30.11	270	29.78	197	28.93	197	28.35
286	26.17	112	30.38	197	30.45	11	29.34	11	28.61
138	28.35			112	30.84	112	30.61	112	29.70
			25.65						
	23.57		Regionwide		25.80		25.73		25.44
	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		Grade 5		Grade 6	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
277	17.30	276	19.65	271	20.21	276	21.69	716	22.60	108	21.00	286	25.40
624	17.58	834	19.79	276	20.23	277	22.63	717	23.00	834	23.06	6	25.56
276	17.68	108	20.00	717	21.00	271	22.68	271	23.07	271	24.55	625	26.22
721	17.82	624	20.55	108	21.67	281	23.35	834	23.24	276	24.80	270	26.75
831	17.92	716	20.67	716	21.67	110	23.73	624	23.85	278	25.13	623	26.75
282	18.20	284	21.45	624	21.68	624	23.82	276	24.08	270	25.52	834	26.76
108	18.25	13	21.83	277	21.75	284	23.88	721	24.08	624	25.65	191	27.00
284	18.29	277	21.88	834	21.78	108	24.00	270	24.14	281	26.06	279	27.27
278	18.75	717	22.00	831	22.48	278	24.00	108	24.33	719	26.33	831	28.69
719	18.96	721	22.00	278	22.50	834	24.00	110	24.45	284	26.39	272	28.88
716	19.14	271	22.19	200	22.87	280	24.15	284	24.68	273	26.41	716	29.25
834	19.67	286	22.29	197	22.88	112	24.32	13	24.70	6	26.56		26.97
200	19.82	831	22.35	279	23.14	721	24.33	278	24.75	625	26.64		Regionwide
272	19.91	11	22.37	272	23.31	279	24.58	281	24.86	721	26.73		
197	20.05	622	22.41	719	23.35	625	24.60	277	25.17	192	26.80		
11	20.13	278	22.50	282	23.40	14	24.88	719	25.24	272	26.81		
112	20.33	281	22.53	112	23.45	13	25.00	200	25.31	112	27.00		
623	20.36	282	22.60	13	23.45	200	25.08	282	25.40	191	27.00		
832	20.44	14	22.70	6	23.45	719	25.14	623	25.47	280	27.08		
281	20.60	6	22.73	14	23.50	272	25.19	272	25.62	279	27.30		
273	20.69	280	22.88	284	23.54	716	25.20	6	25.70	622	27.42		
191	21.00	191	23.00	110	23.55	273	25.36	273	25.86	282	27.75		
192	21.10	200	23.08	281	23.87	6	25.60	112	25.91	716	27.75		
6	21.21	192	23.17	270	24.00	831	25.65	280	26.00	831	27.75		
110	21.23	719	23.20	623	24.05	270	25.75	192	26.24	832	28.00		
12	21.30	279	23.21	280	24.21	192	26.16	14	26.25	623	28.50		
13	21.31	623	23.24	622	24.43	197	26.20	625	26.26	15	28.54		
271	21.33	110	23.45	625	24.65	15	26.64	831	26.50	286	29.20		
15	21.53	197	23.47	12	24.75	11	26.72	279	26.91	13	29.38		
279	21.89	625	23.48	832	24.75	622	26.88	622	27.25	11	29.48		
717	22.00	112	23.61	286	24.86	191	27.00	15	27.69	12	29.69		
622	22.36	273	23.77	273	24.91	717	27.00	11	27.82				
14	23.50	272	23.93	15	25.07	623	27.37	832	28.13		26.99		
625	23.67	12	24.00	721	25.42	832	27.38	197	28.50		Regionwide		
270	23.74	832	24.00	192	25.71	12	27.88	12	28.69				
280	23.94	15	24.53	11	25.79	286	28.17	191	29.00				
286	24.00	270	25.10	191	26.00	282	29.25	138	29.38				
138	26.00	138	25.13	138	29.00	138	32.71	286	31.80				
	20.84		22.69		23.85		25.16		26.01				
Regionwide		Regionwide		Regionwide		Regionwide		Regionwide					

Table 6. Elementary Average Class Size Regionwide for Reporting Districts

Combo or Ungraded		Special Education	
Dist.	Avg.	Dist.	Avg.
622	13.50	276	2.80
719	18.50	721	2.88
278	23.75	14	3.33
834	25.82	192	5.00
273	26.92	716	6.50
197	27.60	625	7.56
625	27.94	834	10.63
138	29.00		5.10
	26.38		Regionwide
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
108	19	18	108	20	20	717	21	21	108	24	24	716	23	22
277	20	13	716	21	20	108	22	21	277	24	21	717	23	23
278	20	18	717	22	22	716	22	21	110	25	22	108	25	24
282	20	16	191	23	23	278	23	22	278	25	23	110	26	22
716	20	19	278	23	22	276	24	13	271	26	16	282	26	25
191	21	21	282	23	22	277	24	20	716	26	25	284	26	22
284	22	15	834	23	17	282	24	22	13	27	22	13	27	21
6	22	18	110	24	21	110	25	22	191	27	27	273	27	23
717	22	22	14	24	21	197	25	20	200	27	23	278	27	23
721	22	14	200	24	22	200	25	20	276	27	14	200	28	24
832	22	19	277	24	19	271	25	15	284	27	21	272	28	22
112	23	16	286	24	20	14	26	18	717	27	27	277	28	20
192	23	17	624	24	15	191	26	26	6	28	22	6	28	23
200	23	13	721	24	19	270	26	20	624	28	17	721	28	21
276	23	12	11	25	12	284	26	19	721	28	18	14	29	24
623	23	15	13	25	18	624	26	14	832	28	27	191	29	29
110	24	20	276	25	16	719	26	20	112	29	18	270	29	18
12	24	19	284	25	19	832	26	24	14	29	22	832	29	27
197	24	13	832	25	23	834	26	18	192	29	23	834	29	17
273	24	13	12	26	20	13	27	21	273	29	21	112	30	18
14	25	21	138	26	24	15	27	23	279	29	15	15	30	22
15	25	17	192	26	21	286	27	24	280	29	19	192	30	22
272	25	12	271	26	16	192	28	23	286	29	26	271	30	18
286	25	23	272	26	20	273	28	21	834	29	13	280	30	21
624	25	13	280	26	19	279	28	15	15	30	22	281	30	18
719	25	16	719	26	19	280	28	21	197	30	24	624	30	16
13	26	18	831	26	9	281	28	21	270	30	23	138	31	27
271	26	14	112	27	20	6	28	20	272	30	22	276	31	17
280	26	22	15	27	21	831	28	7	281	30	20	719	31	10
281	26	10	281	27	20	112	29	20	282	30	29	622	32	24
831	26	13	6	27	19	12	29	20	719	30	16	623	32	21
834	26	17	622	27	14	272	29	18	11	31	18	11	33	22
138	27	24	623	27	20	622	29	20	622	31	20	279	33	17
270	27	17	197	28	20	623	29	18	831	31	9	286	33	30
279	27	14	270	28	20	721	29	22	12	32	24	12	34	25
622	27	19	273	28	19	11	30	12	623	32	24	197	34	25
11	28	14	279	28	13	138	30	28	138	33	32	625	34	18
625	31	16	625	31	16	625	30	18	625	33	16	831	34	13
31	10		31	9		30	7		33	9		34	10	
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
108	22	19	286	26	24	622	15	12	276	3	2
278	26	24	191	27	27	719	24	12	192	6	4
191	27	27	6	28	22	278	25	23	14	8	1
834	27	17	270	30	23	138	29	29	716	8	5
282	28	27	623	30	22	197	29	26	721	8	1
716	28	27	716	30	29	273	30	23	625	15	3
192	29	24	272	31	17	625	34	11	834	18	6
270	29	21	831	32	26	834	36	20			
273	29	24	834	32	22						
6	29	23	625	33	17		36	11			
721	29	25	279	34	20		Regionwide				
832	29	27								18	1
112	30	18		34	17					Regionwide	
15	30	25	Regionwide								
271	30	19									
280	30	21									
284	30	24									
624	30	22									
719	30	22									
281	31	22									
831	31	24									
272	32	23									
276	32	16									
623	32	24									
279	33	19									
286	33	27									
12	34	23									
625	34	14									
11	36	24									
13	37	25									
622	37	20									
	37	14									
Regionwide											

C. JUNIOR SECONDARY CLASS SIZE STATISTICS

Junior secondary class size data are reported for each participating district in selected subject areas (see page 5 in the Glossary of Terms for a list).

Table 8 (page 18-19) reports the average class sizes for each school district. Districts are ranked from low to high according to the average calculated.

Table 9 (pages 20-22) 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		Language Arts/English		Math	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
138	19.88	625	23.79	108	18.00	138	18.50	15	5.53	108	21.50	13	21.43
108	20.45	192	24.88	276	20.14	286	19.00	191	7.68	281	22.06	832	21.46
286	21.20	280	25.33	271	24.23	6	21.00	13	10.50	273	22.11	271	22.09
191	22.67	831	25.80	625	24.27	108	21.67	110	19.41	625	22.38	284	22.23
625	23.44	719	26.00	831	24.33	280	23.50	277	26.33	271	22.80	192	22.40
832	23.63	281	27.14	273	25.18	191	24.00			622	23.47	273	22.50
270	24.70	624	29.50	277	25.44	200	24.13		12.42	13	23.72	15	22.88
13	25.12			192	25.55	12	24.70		Regionwide	284	23.91	622	22.96
273	25.56		26.05	832	25.72	284	25.22			270	24.40	625	23.41
282	25.60		Regionwide	12	25.74	273	25.43			200	24.46	716	23.45
277	25.61			286	26.00	625	25.51			286	24.64	831	23.78
200	25.82			279	26.12	624	26.95			280	24.77	12	24.26
280	25.83			282	26.50	110	27.44			191	24.80	200	24.40
192	25.88			284	27.00	623	27.44			832	24.94	108	24.44
624	26.00			623	27.27	282	27.67			277	25.11	277	24.71
276	26.50			624	27.29	276	27.82			6	25.14	280	25.48
623	26.60			281	27.53	192	28.17			192	25.18	191	25.50
6	27.00			200	28.33	271	28.44			15	25.42	281	25.53
12	27.22			270	28.49	272	28.60			282	25.50	110	26.44
271	27.29			110	28.53	270	29.11			831	25.82	282	26.47
279	27.51			834	29.47	721	29.17			14	25.86	276	26.66
281	27.55			272	29.80	281	29.25			716	26.00	14	26.83
284	28.17			197	30.00	622	29.29			721	26.38	270	27.13
831	28.17			112	30.11	14	29.54			623	26.88	623	27.23
110	28.28			622	30.13	834	29.56			197	26.92	138	27.27
197	28.38			11	30.63	279	29.85			12	27.14	6	27.36
622	28.88			719	30.89	719	31.19			138	27.35	112	27.79
278	29.00			716	31.92	831	32.47			110	27.92	197	28.20
834	29.25			15	33.75	716	33.75			624	28.18	278	28.21
721	29.33					15	34.50			278	28.46	279	28.31
15	29.75				27.62					279	28.69	286	28.33
719	29.83				Regionwide		27.74			719	28.82	624	28.45
716	30.38						Regionwide			276	28.83	721	28.63
272	30.50									272	29.00	272	28.68
14	30.56									112	29.37	11	28.76
112	30.75									11	29.66	719	29.39
11	31.32									834	30.94	834	30.12
	27.53										25.40		25.57
	Regionwide										Regionwide		Regionwide

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

Music		Physical Education		Science		Social Studies		Special Education		Technology Ed/Computer Science		World Languages	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
284	20.11	280	24.81	108	25.11	271	23.39	276	2.99	138	20.25	13	17.00
281	22.35	108	24.89	13	25.26	108	25.00	270	3.04	108	20.45	138	19.08
273	22.54	277	25.78	277	25.67	284	25.22	277	3.43	625	21.59	14	22.21
191	22.83	110	25.94	271	25.92	277	25.59	278	3.45	6	21.75	278	22.92
276	25.26	6	26.27	716	26.00	282	25.73	284	3.52	831	22.59	625	22.95
277	26.22	282	26.38	273	26.31	716	26.00	110	4.17	273	24.33	273	23.01
271	27.29	271	26.58	625	26.56	625	26.20	831	4.40	282	24.43	200	24.00
279	27.97	273	26.59	284	26.71	623	26.36	721	4.75	832	24.79	624	24.16
622	28.09	191	26.71	6	27.12	138	26.65	14	4.96	280	25.00	832	24.83
832	28.29	192	26.94	280	27.13	12	26.76	192	4.96	281	25.42	280	25.17
270	28.38	200	27.88	12	27.27	280	26.81	282	5.17	277	25.65	282	25.44
286	29.33	276	28.02	282	27.33	622	26.88	15	5.19	200	26.12	270	25.58
623	30.00	832	28.03	200	27.43	6	27.00	12	5.25	271	26.21	192	25.64
719	30.97	279	28.28	15	27.54	191	27.01	719	5.51	719	26.55	286	25.67
831	31.07	270	28.39	281	27.58	14	27.07	272	5.55	624	26.60	271	25.70
138	32.08	197	28.75	192	27.88	273	27.13	280	6.00	192	27.00	191	26.78
192	32.73	14	28.96	270	28.01	286	27.38	138	6.21	270	27.05	276	27.38
834	35.43	721	29.28	832	28.19	200	27.63	197	6.48	12	27.21	831	27.43
282	35.88	624	29.40	623	28.28	721	27.69	281	6.54	276	27.38	6	27.64
197	36.09	625	29.48	14	28.34	192	27.73	834	7.10	279	27.90	272	27.80
200	36.59	286	30.00	110	28.43	832	27.77	622	7.17	110	28.47	284	27.89
624	36.73	622	30.21	191	28.53	281	27.79	191	7.67	112	28.52	112	28.19
272	37.12	284	30.25	138	28.88	13	27.81	624	7.67	623	28.54	110	28.80
716	38.13	719	30.29	721	28.91	270	27.89	13	8.76	284	28.66	281	29.16
280	38.33	623	30.43	197	28.96	197	28.36	286	9.00	278	28.91	197	29.25
14	38.71	112	31.00	622	28.96	110	28.43	625	9.05	622	29.00	721	29.27
110	39.54	138	31.32	278	29.13	624	28.68	832	9.29	721	29.17	279	29.28
13	39.78	13	31.86	276	29.40	831	28.76	716	10.20	197	29.67	834	29.54
6	40.40	11	32.08	624	29.47	278	28.83			716	30.00	719	29.73
112	42.32	281	32.24	112	29.67	11	28.87			11	30.38	622	29.89
15	43.39	272	32.40	279	30.16	276	29.28			272	30.40	623	30.00
108	48.60	12	32.49	286	30.33	15	29.56			286	30.57	11	30.97
12	50.94	716	33.00	11	30.49	279	29.77			14	30.89	716	31.00
278	54.75	834	33.09	831	30.53	719	30.06			15	32.13	15	31.75
721	103.00	831	33.34	272	30.84	112	30.28						
		278	37.60	834	31.27	272	30.91						
		15	39.50	719	31.56	834	31.88						
	29.57												
Regionwide													
			29.81		28.58		27.77						
			Regionwide		Regionwide		Regionwide						
											27.41		26.73
										Regionwide		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
138	23	16	280	28	18	108	20	16	286	21	17	15	6	5
286	25	16	192	29	20	286	27	25	138	22	14	13	12	9
277	28	22	281	32	24	277	28	21	108	23	21	191	14	4
108	29	17	831	33	19	282	28	25	191	25	23	277	27	26
280	29	22	625	34	14	110	30	27	6	27	18	110	31	1
282	29	24	624	35	27	12	30	22	282	28	27			
278	30	28	719	35	14	273	30	19	12	29	22			
191	31	16				271	31	13	280	29	15			
192	31	19		35	14	832	31	18	284	30	19			
200	31	17		Regionwide		192	32	19	110	31	20			
273	31	18				272	32	26	200	31	16			
12	32	22				625	32	18	273	31	15			
14	32	26				197	33	25	272	32	21			
272	32	26				276	33	11	721	32	27			
6	32	22				284	33	18	276	33	24			
623	32	21				623	33	21	14	34	24			
716	32	27				279	34	17	192	34	23			
721	32	27				281	34	22	281	34	20			
832	32	15				624	34	18	623	34	20			
110	33	22				200	35	23	279	35	22			
13	33	13				622	35	23	624	35	9			
281	33	20				716	35	27	716	35	33			
831	33	20				834	35	22	834	35	22			
834	33	20				11	36	18	270	36	15			
15	34	21				15	36	32	15	37	33			
270	34	17				270	37	17	625	37	7			
276	35	15				719	37	13	831	37	22			
284	35	19				831	37	10	271	38	20			
622	35	18				112	38	17	719	39	14			
624	35	16							622	53	20			
11	36	17					38	10						
271	36	16				Regionwide								
197	37	17								53	7			
625	37	10							Regionwide					
719	37	13												
112	38	18												
279	38	15												
	38	10												
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	27	13	108	29	21	623	31	29	108	27	21	108	29	19
280	28	20	280	29	19	191	36	6	282	28	23	282	29	25
282	30	19	716	29	11	277	36	17	280	31	18	716	29	19
110	31	23	277	31	15	832	37	20	110	32	14	280	30	23
277	31	18	282	31	22	276	38	12	277	32	17	277	31	20
284	31	1	13	32	12	284	39	5	286	33	25	832	31	22
721	31	5	278	32	24	270	44	14	721	33	27	110	32	24
138	32	22	286	32	19	271	44	12	6	34	19	12	32	21
192	32	5	832	32	5	286	46	13	138	35	28	138	32	25
273	32	1	110	33	6	281	48	8	271	35	13	284	32	14
623	32	19	138	33	20	280	50	21	273	35	15	200	33	14
716	32	20	273	33	1	834	50	15	716	35	30	272	33	25
832	32	9	192	34	3	622	53	9	191	36	13	192	34	19
14	33	16	272	34	18	282	54	25	272	36	29	197	34	22
272	33	19	281	34	6	15	55	29	14	37	13	271	34	18
286	33	17	721	34	26	272	56	16	192	37	16	281	34	12
12	34	20	15	35	3	831	57	14	276	37	14	6	34	19
13	34	13	197	35	14	192	59	12	832	38	18	623	34	21
197	34	19	200	35	14	13	60	25	12	39	26	721	34	22
270	34	6	276	35	12	279	60	2	200	40	15	112	35	17
278	34	24	284	35	3	110	61	19	278	40	35	15	35	19
6	34	15	11	36	17	6	61	20	623	40	20	270	35	11
112	35	20	191	36	2	624	61	27	719	40	4	273	35	1
15	35	2	270	36	17	273	65	1	831	40	16	286	35	26
200	35	11	622	36	1	108	67	38	112	41	22	11	36	20
276	35	19	623	36	21	719	68	4	284	41	22	14	36	17
281	35	5	831	36	4	716	69	19	624	41	14	191	36	15
11	36	20	112	37	18	197	70	10	13	42	24	276	36	20
191	36	5	271	37	10	200	70	10	279	43	14	624	36	22
624	36	17	624	37	16	112	71	10	11	44	14	278	37	17
271	38	10	12	38	1	14	76	19	197	44	18	13	38	14
622	38	6	14	38	20	12	80	29	834	44	17	279	38	11
719	38	12	279	38	11	278	89	27	281	45	6	622	38	13
625	39	5	6	38	20	138	93	2	270	47	14	834	38	24
831	39	2	625	38	7	721	145	50	625	49	16	719	39	14
834	39	19	719	39	4				15	51	28	625	40	10
279	40	9	834	39	17							831	40	17
							145	1						
							Regionwide							
	40	1		39	1					53	4		40	1
	Regionwide			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
282	28	24	277	6	1	138	21	20	13	22	11
108	29	21	280	6	6	6	25	18	138	23	16
280	29	23	276	7	1	108	27	16	282	28	24
716	29	23	278	7	1	282	27	21	280	29	21
277	31	20	12	8	1	625	28	13	6	30	23
721	31	20	270	8	1	273	29	17	273	31	1
11	32	12	831	9	1	280	29	22	832	31	15
110	32	24	192	10	1	831	30	10	192	32	14
138	32	21	15	12	1	277	31	20	200	32	20
271	32	10	197	12	3	110	32	26	721	32	27
832	32	19	272	12	1	12	32	22	278	33	14
12	33	18	716	12	8	192	32	22	286	33	22
14	33	19	138	13	3	200	32	19	623	33	26
192	33	20	721	13	1	272	32	28	716	33	28
273	33	3	832	13	7	278	32	24	110	34	23
284	33	6	110	14	1	281	32	17	14	34	8
6	33	14	14	14	1	623	32	21	197	34	15
623	33	18	281	14	1	721	32	26	270	34	11
197	34	21	719	14	1	832	32	15	272	34	15
200	34	15	282	15	2	14	33	29	622	34	19
272	34	23	191	16	2	271	33	16	271	35	12
831	34	14	284	16	1	716	33	27	284	35	21
15	35	20	286	16	3	276	34	17	624	35	12
278	35	23	624	16	1	286	34	28	11	36	15
281	35	12	13	17	5	622	34	10	15	36	28
286	35	20	834	20	1	624	34	9	191	36	15
622	35	16	625	21	2	11	35	17	276	36	13
13	36	11	622	26	1	284	35	23	281	36	19
191	36	10				719	35	15	831	36	11
270	36	17	26	1		270	36	12	112	38	10
276	36	21	Regionwide			112	37	18	279	38	9
624	36	15				15	37	26	719	38	10
112	37	22				279	37	16	834	38	17
279	37	14				197	38	23	625	39	6
625	38	7					38	9		39	1
719	39	13				Regionwide			Regionwide		
834	40	21									
	40	3									
	Regionwide										

D. SENIOR SECONDARY CLASS SIZE STATISTICS

Senior secondary class size data are reported for each participating district in selected subject areas (see page 5 in the Glossary of Terms for a list).

Table 10 (pages 24-25) reports the average class sizes for each school district. Districts are ranked from low to high according to the average calculated.

Table 11 (pages 26-28) 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		Math		Music	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
108	14.00	110	13.29	110	11.80	6	21.00	108	21.80	286	19.20	110	23.00
278	17.90	108	17.67	108	14.67	717	24.00	286	22.87	108	19.81	831	27.14
282	18.86	280	18.11	282	19.25	108	25.29	717	23.11	278	23.80	191	30.93
270	20.00	716	19.50	717	21.00	110	26.18	625	24.21	138	23.88	280	31.00
286	21.18	717	19.57	831	21.20	271	27.00	138	24.64	716	24.24	721	31.12
716	21.33	192	21.00	286	23.00	278	27.00	282	24.67	110	24.36	281	31.47
831	21.57	284	22.31	276	23.33	138	27.14	284	24.70	831	24.39	622	31.57
717	22.00	271	24.00	271	23.87	284	27.17	13	24.87	717	24.56	138	32.57
110	22.30	831	24.03	622	24.79	280	27.25	110	25.59	277	25.00	832	32.86
200	23.36	276	24.45	138	25.17	279	27.44	716	25.73	6	25.23	112	34.33
284	23.83	200	24.67	832	25.20	273	27.50	278	25.76	625	25.30	14	34.79
276	24.37	277	25.00	273	25.43	286	28.00	832	25.82	279	25.66	277	36.00
273	24.77	286	25.00	200	26.56	624	28.39	14	26.07	282	26.13	6	36.00
138	25.27	832	25.13	721	26.71	282	28.67	271	26.34	200	26.40	13	36.80
271	27.06	278	25.33	281	26.79	721	29.62	280	26.57	14	26.47	282	37.83
14	27.33	14	25.54	279	26.89	192	29.80	192	26.58	192	26.51	271	38.05
279	27.34	624	26.33	834	27.25	281	30.21	831	26.84	276	27.09	276	38.57
721	27.58	138	26.50	280	27.40	625	30.57	276	26.84	271	27.21	284	38.69
12	27.62	625	26.70	272	27.94	623	30.86	279	26.89	12	27.62	624	39.38
192	27.88	279	26.75	623	28.00	831	30.88	277	27.00	280	27.73	270	39.43
281	28.10	273	27.60	12	28.16	15	31.00	6	27.06	832	27.74	108	39.75
625	28.41	281	28.31	719	28.50	716	31.25	281	27.22	624	27.78	286	41.00
277	29.00	623	28.40	625	28.79	13	31.67	191	27.60	284	27.91	834	41.67
272	29.10	270	28.67	716	28.80	200	32.17	624	27.64	272	28.55	719	41.83
13	29.14	721	28.68	192	29.13	834	32.38	200	27.84	273	28.56	200	42.00
280	29.20	12	28.80	270	29.17	272	32.60	272	28.35	15	28.73	278	42.00
11	29.70	622	29.15	14	29.24	191	32.75	270	28.65	281	29.02	197	42.50
197	30.00	11	29.78	11	29.34	270	33.26	12	28.86	13	29.22	273	44.07
112	30.35	272	29.80	15	29.75	622	34.91	273	29.00	191	29.35	192	46.10
623	30.36	719	30.38	284	29.89	12	35.25	15	29.08	623	29.50	272	46.13
624	30.58	15	30.89	197	30.29	719	35.44	834	29.11	721	29.79	12	54.90
6	30.64	13	31.14	624	30.45		29.79	112	29.31	622	30.25	717	58.43
191	30.69	112	32.67	191	30.94		Regionwide	623	29.63	834	30.83	716	61.67
832	30.90	197	33.40	112	31.38			721	29.87	270	30.89		36.20
622	31.06	834	34.86	13	36.83			197	30.38	197	31.05		Regionwide
719	31.15		26.40		26.98			622	31.08	112	31.27		
15	32.00		Regionwide		Regionwide			11	32.26	11	31.55		
834	32.27							719	32.73	719	32.20		
	26.95								27.19		27.54		
	Regionwide								Regionwide		Regionwide		

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

Physical Education		Science		Social Studies		Special Education		Technology Ed/Computer Science		Work Experience Program		World Languages	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
286	21.00	108	19.87	108	21.76	108	2.62	281	12.17	284	2.45	717	20.82
284	23.38	286	21.71	277	23.00	831	3.30	108	14.71	278	2.50	282	21.05
717	24.00	716	24.53	278	24.09	717	4.50	282	15.50	282	2.67	278	21.96
278	24.25	200	24.78	716	25.50	276	4.52	716	19.07	721	4.00	286	22.30
108	25.29	278	24.82	200	25.76	832	4.79	276	19.13	12	5.25	14	22.77
6	26.13	110	25.21	717	25.92	110	5.53	831	19.85	108	6.00	108	23.60
14	26.52	831	25.70	286	26.10	15	5.63	286	19.90	15	6.00	716	23.71
832	26.56	14	25.85	284	26.52	14	5.95	717	20.00	13	6.50	110	24.00
273	26.57	192	25.98	110	26.63	277	6.00	832	20.00	276	7.00	277	24.00
276	26.97	277	26.00	14	27.93	278	6.00	280	20.43	286	7.00	276	24.23
282	27.00	138	26.06	271	28.06	197	6.10	270	20.50	138	9.50	831	24.35
271	27.14	717	26.09	282	28.29	282	6.17	138	21.12	272	10.22	281	24.39
831	27.63	279	26.19	276	28.59	138	6.53	110	22.00	110	11.67	271	24.53
110	27.75	12	26.43	6	28.74	721	7.00	279	22.58	719	13.60	279	24.59
279	28.15	284	26.61	279	28.80	284	7.10	284	23.65	271	14.50	200	24.86
834	28.27	15	26.76	13	28.81	192	7.12	625	23.78	11	15.81	6	24.95
200	28.56	272	26.79	280	29.22	716	7.14	721	23.78	831	17.88	284	25.05
716	28.78	276	26.92	15	29.28	719	7.61	623	23.95	716	18.67	273	25.40
624	28.93	623	27.05	273	29.30	6	7.76	271	24.08	192	21.13	625	26.11
277	29.00	282	27.13	272	29.32	11	7.78	192	24.14	625	21.25	192	26.14
721	29.17	13	27.24	624	29.47	272	8.03	278	25.00			832	26.67
270	29.75	280	27.61	192	29.54	281	8.35	200	25.17		11.79	13	27.25
272	30.62	271	27.74	832	29.96	191	8.65	12	25.62		Regionwide	280	27.47
15	30.74	625	27.75	138	29.97	286	8.73	197	25.67			624	28.20
280	30.81	6	27.88	721	30.14	280	9.00	13	26.82			15	28.27
281	30.96	273	28.16	281	30.20	834	9.08	14	26.87			834	28.32
12	31.06	832	28.44	834	30.28	625	9.31	624	27.00			721	28.54
625	31.54	834	28.56	625	30.64	13	9.94	719	27.17			197	28.97
622	31.86	281	28.68	12	30.69	622	10.04	112	27.20			12	29.13
191	31.88	191	28.93	623	31.32	624	13.25	622	27.39			623	29.30
192	32.20	624	29.20	112	32.01			272	27.45			138	29.48
623	32.68	721	29.24	191	32.39		7.64	277	29.00			622	29.51
138	32.77	112	30.00	831	32.41		Regionwide	15	30.19			272	29.82
112	33.17	197	30.51	622	32.55			11	30.44			112	30.06
11	33.37	622	31.52	719	32.80			191	31.61			11	31.25
197	33.93	270	32.11	270	33.24							191	31.65
719	34.77	11	32.18	11	33.91				24.04			270	32.10
13	38.33	719	32.97	197	34.65				Regionwide			719	33.92
	29.46		27.99		29.78								26.78
	Regionwide		Regionwide		Regionwide								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
108	15	13	110	20	3	108	18	11	717	24	24	277	27	27
716	26	13	108	25	13	110	26	1	6	29	16	717	29	7
286	27	13	277	25	25	286	26	18	108	31	17	108	30	12
717	27	14	200	26	22	282	27	8	273	31	24	832	31	12
277	29	29	286	26	24	200	30	18	286	31	25	716	32	20
110	30	1	280	27	10	276	30	9	13	32	31	273	33	12
278	31	5	716	28	8	273	31	19	192	32	27	110	34	8
192	32	17	717	30	8	832	31	16	282	32	23	12	34	8
272	32	24	832	30	20	834	31	22	716	32	31	276	34	7
273	32	17	192	31	1	15	32	28	110	33	15	278	34	6
282	32	5	276	31	15	272	32	24	15	33	28	279	34	6
14	33	13	278	31	17	280	32	17	278	33	14	282	34	6
197	33	28	625	31	17	716	32	19	200	34	30	834	34	19
276	33	6	138	32	12	717	32	9	272	34	30	192	35	11
6	33	27	273	32	18	721	32	21	280	34	18	197	36	24
623	33	24	284	32	1	14	34	22	284	34	14	200	36	16
721	33	17	14	33	18	284	34	22	623	34	25	271	36	10
832	33	28	13	34	29	719	34	18	721	34	17	280	36	11
200	34	12	271	34	14	12	35	17	271	35	15	284	36	1
271	34	19	623	34	21	192	35	21	12	36	34	286	36	6
280	34	23	721	34	22	197	35	27	831	36	28	6	36	16
284	34	3	281	35	15	271	35	10	834	36	30	623	36	11
12	35	19	624	35	14	623	35	21	270	37	12	721	36	13
138	35	14	719	35	27	831	35	1	279	37	20	13	37	12
15	35	29	11	36	19	138	36	16	622	37	29	14	37	7
11	36	7	12	36	23	270	36	16	191	38	20	15	37	13
112	36	14	15	36	23	11	37	5	281	38	12	191	37	8
279	36	8	197	36	29	281	37	14	624	39	9	272	37	11
831	36	1	270	36	14	622	37	8	625	40	13	624	37	9
281	37	14	272	36	12	112	38	19	719	41	26	112	38	11
622	38	18	622	36	19	279	38	15	138	43	11	138	38	5
719	38	22	279	37	6	625	38	11				831	38	1
270	39	1	831	37	1	13	39	34				270	39	1
624	39	15	112	40	19	191	40	8				281	39	8
834	39	24	834	41	29	624	40	15				11	41	12
13	40	7										622	41	17
191	40	6		41	1		40	1				625	43	5
625	40	7		Regionwide			Regionwide					719	43	18
	40	1											43	1
	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
277	25	25	277	36	36	717	27	16	277	26	26	277	23	23
108	29	8	286	41	41	277	29	29	286	29	12	108	30	14
717	29	16	280	46	17	286	29	13	108	30	12	717	30	18
110	32	7	832	50	17	832	29	21	717	30	17	716	32	19
278	32	8	13	53	19	108	31	17	832	31	20	832	32	21
192	33	18	138	53	18	273	31	20	12	32	10	110	34	12
286	33	5	622	54	16	282	32	22	200	32	14	200	34	12
716	33	14	108	56	12	14	33	17	282	32	17	15	35	11
832	33	16	276	57	18	15	34	22	284	32	7	282	35	18
200	34	14	281	58	12	716	34	19	716	32	11	286	35	10
273	34	8	112	59	5	834	34	21	272	33	10	721	35	15
282	34	15	14	59	3	272	35	22	278	33	5	192	36	17
6	34	17	110	61	1	278	35	13	110	34	12	272	36	14
12	35	12	278	62	7	284	35	1	15	34	9	273	36	23
279	35	9	624	62	12	721	35	17	192	34	17	276	36	11
280	35	14	271	63	10	276	36	8	13	35	18	278	36	9
284	35	3	197	65	25	200	37	15	273	35	16	284	36	8
623	35	18	831	65	1	6	37	16	276	35	10	6	36	17
14	36	9	282	66	4	12	38	16	623	35	14	12	37	24
15	36	13	270	68	21	623	38	21	112	36	19	271	37	10
276	36	8	191	70	11	191	39	11	14	36	11	280	37	10
834	36	24	273	70	25	270	39	4	271	36	11	623	37	17
13	37	14	834	70	17	279	39	12	279	36	10	14	38	9
197	37	20	272	72	17	197	40	25	280	36	10	270	38	16
270	37	3	12	73	30	138	41	22	6	36	18	279	38	10
138	38	5	721	73	1	281	41	12	721	36	1	13	39	16
272	38	11	284	75	11	622	41	19	191	37	13	138	39	5
624	38	6	6	75	3	831	41	1	270	37	9	281	39	16
112	39	22	719	76	18	112	42	20	281	37	10	831	39	23
281	39	11	200	88	4	271	42	11	834	37	19	112	40	18
191	41	7	716	91	39	11	43	8	138	38	6	197	40	25
271	41	10	717	91	48	624	43	10	622	39	16	624	40	12
622	41	14	192	93	23	192	44	22	624	39	13	191	41	9
719	42	20				280	44	10	831	40	1	622	41	19
721	42	20		93	1	110	46	14	11	41	13	719	41	19
11	43	14		Regionwide		13	46	23	625	41	9	11	42	12
831	43	1				719	47	26	197	42	17	625	43	8
625	46	7				625	49	7	719	43	20	834	49	20
	46	1					49	1		43	1		49	5
	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
277	6	6	108	20	9	278	3	2	277	24	24
108	8	1	282	23	6	282	4	1	108	27	17
282	8	4	281	24	3	284	6	1	286	28	17
832	8	1	276	25	5	108	7	5	717	29	12
197	9	1	832	25	13	276	7	7	110	32	10
280	9	9	278	26	24	286	7	7	273	32	13
831	9	1	286	26	12	721	8	1	282	32	4
276	10	1	110	27	10	12	9	1	6	32	16
278	10	4	716	28	7	13	11	2	716	32	16
138	11	1	277	29	29	15	11	3	832	32	16
15	11	1	192	30	9	138	13	6	14	34	10
716	11	4	271	30	13	110	14	10	272	34	13
717	12	1	280	30	11	271	18	12	276	34	7
6	14	2	284	30	4	272	19	4	278	34	8
13	15	3	717	30	8	719	21	8	15	35	9
110	16	2	719	30	17	831	22	10	192	35	1
14	17	1	831	30	1	716	23	15	200	35	5
191	17	1	272	31	23	192	32	3	284	35	2
272	17	2	13	32	13	625	34	15	623	35	20
286	17	3	623	32	15	11	42	2	271	36	10
192	18	1	138	33	7				280	36	14
721	18	2	15	33	25		42	1	721	36	21
622	20	2	625	33	7		Regionwide		112	37	19
11	23	1	721	33	16				281	37	6
281	24	1	12	34	20				12	38	21
834	24	1	197	34	11				13	38	6
625	26	3	200	34	19				279	38	2
719	27	1	279	35	11				622	38	15
624	29	1	11	36	17				11	39	5
284	31	1	270	36	3				191	39	15
			112	37	17				197	39	9
	31	1	14	38	18				624	39	11
	Regionwide		622	38	17				831	39	1
			624	38	12				834	39	18
			191	40	16				138	40	12
									625	40	6
				40	1				270	41	14
				Regionwide					719	44	26
										44	1
										Regionwide	

DATA OBSERVATIONS

Thirty-eight Twin Cities metro area school districts participated in the 2011-2012 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 Physical Education, Science, and Music. Class size ranges showed wide variability.

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

APPENDIX

38 PARTICIPATING DISTRICTS

Alphabetical Listing

11 Anoka-Hennepin
716 Belle Plaine
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
717 Jordan
832 Mahtomedi
276 Minnetonka
721 New Prague
138 North Branch
622 North St. Paul-Maplewood-Oakdale
278 Orono
279 Osseo
719 Prior Lake-Savage
280 Richfield
281 Robbinsdale
623 Roseville
6 South St. Paul
282 St. Anthony-New Brighton
15 St. Francis
625 St. Paul
834 Stillwater
110 Waconia
284 Wayzata
197 West St. Paul
277 Westonka
624 White Bear Lake

District Number Listing

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
197 West St. Paul
200 Hastings
270 Hopkins
271 Bloomington
272 Eden Prairie
273 Edina
276 Minnetonka
277 Westonka
278 Orono
279 Osseo
280 Richfield
281 Robbinsdale
282 St. Anthony-New Brighton
284 Wayzata
286 Brooklyn Center
622 North St. Paul-Maplewood-Oakdale
623 Roseville
624 White Bear Lake
625 St. Paul
716 Belle Plaine
717 Jordan
719 Prior Lake-Savage
721 New Prague
831 Forest Lake
832 Mahtomedi
834 Stillwater



Metro ECSU
3055 Old Highway 8
Suite 302
St. Anthony, MN 55418

Website: www.ecsu.k12.mn.us
Main phone: 612-638-1500

DATE: October 12, 2011
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 2011-12

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 2011-2012 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.

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 elementary school does not have a K class, start with your grade 1 class. 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 11/4/2011. (Metro ECSU’s due date is 11/11/2011.)

Once the data from each building is collected, please aggregate the data for the district into your three different Excel files (elementary, jr./mid 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 ECSU Jr Secondary file.
2. Open the first building’s ECSU 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 (you may choose it in the Window menu.)
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 ECSU 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 number to the file name as per this example:

Original File Name	Renamed File Name
ECSU Elementary.xls	ECSU 625 Elementary.xls
ECSU Jr Secondary.xls	ECSU 625 Jr Secondary.xls
ECSU Sr Secondary.xls	ECSU 625 Sr Secondary.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 11, 2011. Make sure that you include your contact information in the space provided (with email) with the data, so that we know where to send any proofs or to ask questions about the data.

If you do not submit your data by November 11, we cannot guarantee that your data 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.

If you have any questions or concerns, please contact Julie Schaal, Metro ECSU, julie.schaal@metroecsu.org or 612-638-1540. Thank you for your cooperation and assistance.

Attached: Guidance for Special Cases

Guidance for Special Cases Submitting Data for the Metro ECSU Class Size 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)
 $n = \# \text{ students for full time teacher}$
 $4n + .5n = 104$

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

Class Type Options

Provide class size information for the Class Types listed in the drop down menu only. Metro ECSU has not attempted to list all possible Class Types.

If your school does not have a particular Class Type, do not list the Class Type or enter any data. For example, if your elementary school does not have a K class, start with your grade 1 class. If your junior secondary school does not offer world languages, skip world languages.

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.

Combo or Ungraded (elementary)

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

Special Education

If there are separate special education classes where students spend the majority of their time, these can be recorded in your data. Please record only special education classes that are comprised exclusively of special education students.

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

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**
- Art
 - Business Ed/Marketing
 - Family & Consumer Science
 - Health Education
 - Language Arts/English
 - Math
 - Music
 - Physical Education
 - Science
 - Social Studies
 - Special Education
 - Technology Ed/Computer Science
 - Work Experience Program
 - World Languages

Sr Secondary Example Table

District Nbr	Class Type	Nbr Classes	Class Size
625	Art	2	18
625	Business Ed/Marketing	2	17
625	Business Ed/Marketing	1	19
625	Language Arts/English	2	20
625	Language Arts/English	2	24
625	Language Arts/English	1	25
625	Family & Consumer Science	2	28
625	Family & Consumer Science	1	24
625	Technology Ed/Computer Science	1	26
625	Technology Ed/Computer Science	3	25
625	Math	2	30
625	Physical Education	4	28
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	