



Annual Class Size Study

A Report of Class Size Patterns
2016-2017 School Year

February 2017

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FOREWARD

The Metro ECSU 2016-2017 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-five school districts in the metro Twin Cities area that submitted 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” (pages 37-39) and three Excel spreadsheet formats (pages 40-42), 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 Metro ECSU for data processing and analysis. More details about this process are available in the memo 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 (pages 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 consists 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, 2016.

- 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.

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 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

Junior Secondary 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

Participating Districts includes 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, and Senior Secondary.

10. Senior Secondary

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

REPORTS WITH TABLES

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A. REGIONWIDE CLASS SIZE STATISTICS & DATA OBSERVATIONS: TRENDS

The regionwide class size averages by class type from the last five years were included in the study. The graphs include data from the 2012-13 school year through the 2016-17 school year.

Table 1 (page 8) reports the average Elementary class sizes for each year by class type. The following trends were observed:

- This year Kindergarten, 1st Grade, 2nd Grade, and Combo or Ungraded reported a five-year-low class size.
- The average class size consistently increases by grade level.

Table 2 (page 9) reports the average Jr. Secondary class sizes for each year by class type. The following trends were observed:

- For the fourth consecutive year, Interdisciplinary Courses class size decreased.
- This year Art, Family & Consumer Science, Physical Education, and Tech Ed/Computer Science reported a five-year-high class size.
- Of the core subjects, Language Arts/English and Math are consistently lower in class size than Science and Social Studies.

Table 3 (page 10) reports the average Sr. Secondary class sizes for each year by class type. The following trends were observed:

- This year Art, Language Arts/English, Math, Music, Physical Education, Science, Social Studies, Tech Ed/Computer Science and Work Experience Program reported a five-year-high class size.
- This year World Languages reported a five-year-low class size.

Table 1. Elementary Regionwide Class Size Trends

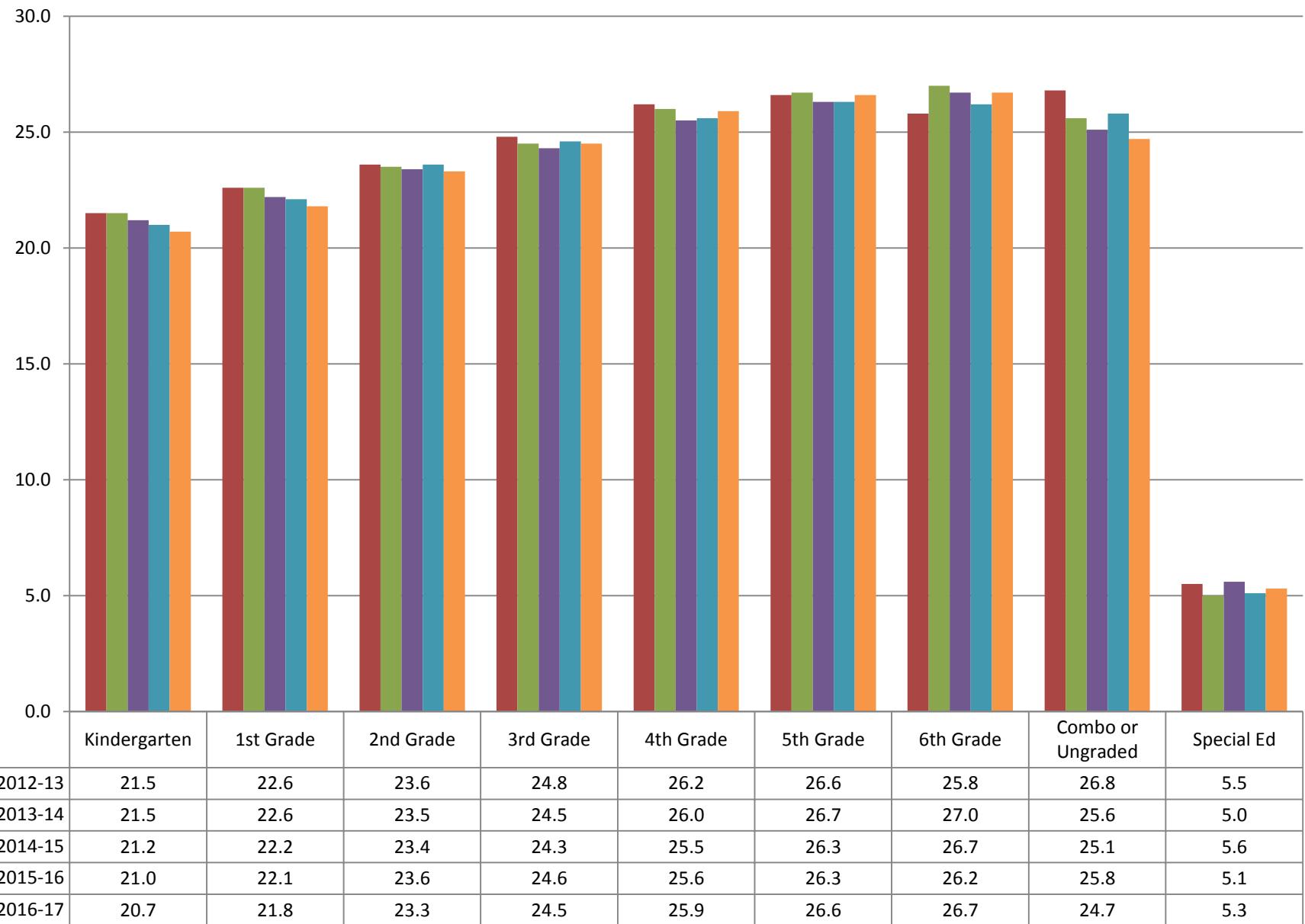


Table 2. Jr Secondary Regionwide Class Size Trends

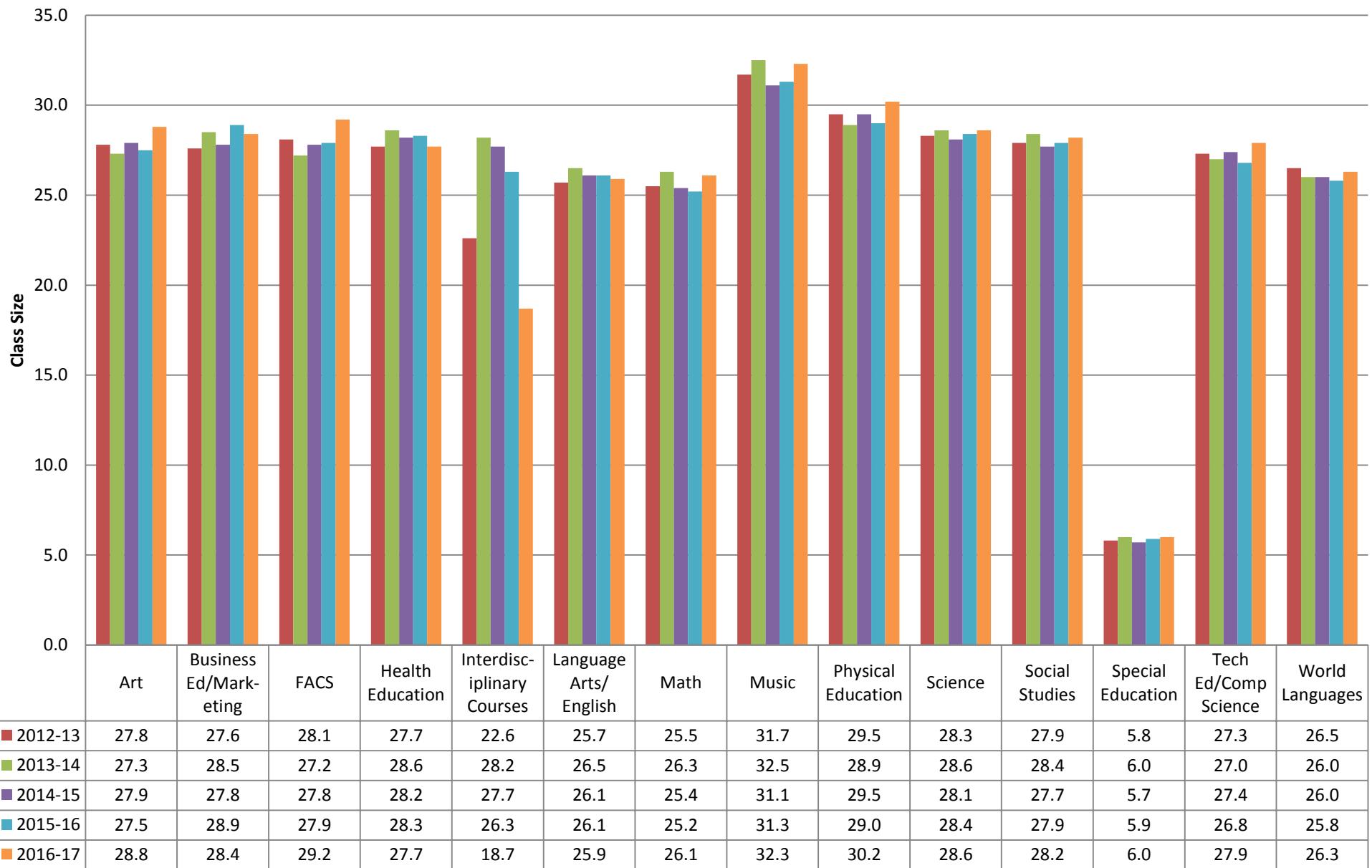
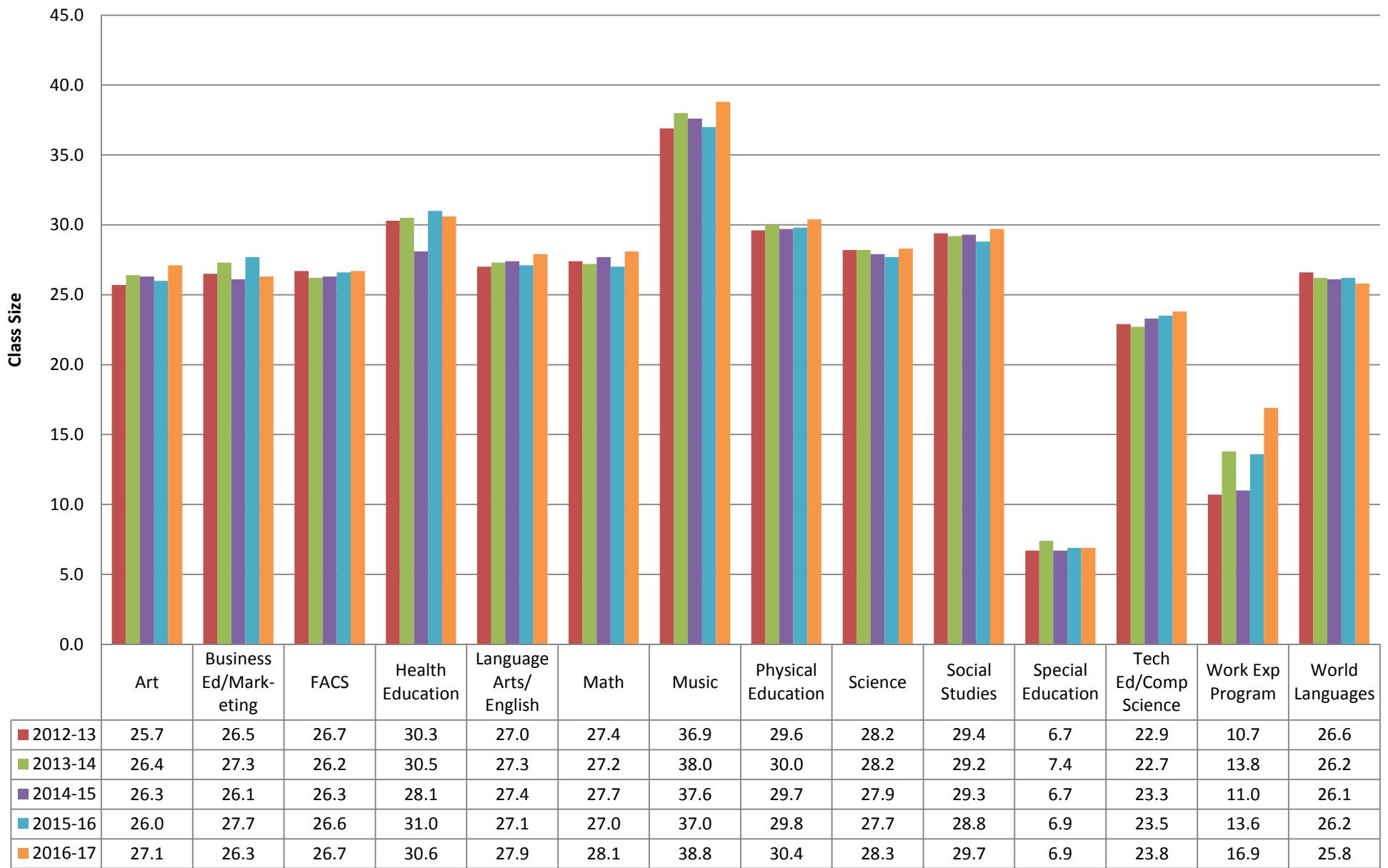


Table 3. Sr Secondary Regionwide Class Size Trends



B. 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 4 (page 12). Summary data for the entire region excluding special education and including special education are shown in Table 5 and Table 6 (page 13) respectively.

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 7 (page 14) and Table 8 (page 15) respectively. Individual district data are available in these tables by district number (see key on page 36).

Table 4. Class Size Regionwide by Class Type**Elementary**

Class Type	Avg.	Min.	Max.
Kindergarten	20.7	12	28
Grade 1	21.8	12	30
Grade 2	23.3	13	30
Grade 3	24.5	16	33
Grade 4	25.9	15	35
Grade 5	26.6	16	36
Grade 6	26.7	5	35
Combo or Ungraded	24.7	17	29
Special Education	5.3	1	15

Jr Secondary

Class Type	Avg.	Min.	Max.
Art	28.8	5	42
Business Ed/Marketing	28.4	16	35
Family & Consumer Science	29.2	9	41
Health Education	27.7	5	38
Interdisciplinary Courses	18.7	1	31
Language Arts/English	25.9	3	40
Math	26.1	3	41
Music	32.3	5	106
Physical Education	30.2	12	49
Science	28.6	7	39
Social Studies	28.2	5	41
Special Education	6.0	1	19
Technology Ed/Computer Science	27.9	7	56
World Languages	26.3	4	41

Sr Secondary

Class Type	Avg.	Min.	Max.
Art	27.1	1	44
Business Ed/Marketing	26.3	3	46
Family & Consumer Science	26.7	5	53
Health Education	30.6	12	42
Language Arts/English	27.9	4	46
Math	28.1	3	43
Music	38.8	5	183
Physical Education	30.4	5	49
Science	28.3	3	45
Social Studies	29.7	5	52
Special Education	6.9	1	38
Technology Ed/Computer Science	23.8	3	41
Work Experience Program	16.9	1	41
World Languages	25.8	1	46

Table 5. Class Size Regionwide by Grade Group (Excluding Special Education)

	Avg.	Min.	Max.
Elementary	23.7	5	36
Jr Secondary	28.0	1	106
Sr Secondary	28.3	1	183

Table 6. Class Size Regionwide by Grade Group (Including Special Education)

	Avg.	Min.	Max.
Elementary	23.6	1	36
Jr. Secondary	25.6	1	106
Sr. Secondary	25.7	1	183

Table 7. Average Class Size by Grade Group (Excluding Special Education)

Elementary		Jr Secondary		Sr Secondary		Jr & Sr Secondary		K-12	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
271	21.18	717	23.84	716	24.33	717	24.11	717	23.99
277	21.21	271	24.36	717	24.42	625	25.46	271	25.26
13	21.97	625	24.59	278	24.85	271	25.89	625	25.28
276	22.37	281	25.61	138	25.47	281	26.36	281	25.88
200	22.40	270	26.04	110	25.66	138	26.48	624	26.07
721	22.54	624	26.41	625	26.13	278	26.56	138	26.21
717	22.61	283	26.73	832	26.40	832	26.69	278	26.28
624	22.63	622	26.91	111	26.48	624	26.69	832	26.36
14	22.67	273	26.95	276	26.88	283	27.02	283	26.55
720	22.74	832	27.03	624	26.97	276	27.17	276	26.55
281	22.77	197	27.10	282	27.01	110	27.20	110	26.65
272	22.90	13	27.16	281	27.24	111	27.20	111	26.69
719	23.09	276	27.48	283	27.34	282	27.35	270	26.77
283	23.11	280	27.71	15	27.43	716	27.36	716	26.87
270	23.13	111	27.80	200	27.52	270	27.60	282	27.03
832	23.48	282	27.87	14	27.80	273	27.67	720	27.24
831	23.68	15	27.94	271	27.85	15	27.73	15	27.34
280	23.80	138	28.18	720	27.88	200	27.97	273	27.39
278	23.82	719	28.20	721	28.53	720	28.13	280	27.42
716	23.84	720	28.35	277	28.57	622	28.13	200	27.44
110	23.86	200	28.38	831	28.66	197	28.17	272	27.59
622	23.99	278	28.40	280	28.67	280	28.24	622	27.60
111	24.00	277	28.47	719	28.91	277	28.52	13	27.70
197	24.11	272	28.61	272	29.18	719	28.60	197	27.73
282	24.21	831	29.00	273	29.24	13	28.77	719	27.76
625	24.27	110	29.07	622	29.31	831	28.78	277	27.79
623	24.27	192	29.26	623	29.83	272	28.92	831	28.20
11	24.57	721	29.86	197	29.84	721	29.13	721	28.22
138	24.59	623	30.02	194	29.96	14	29.38	623	28.62
834	24.60	14	30.66	13	30.21	192	29.82	14	28.72
15	24.83	194	30.86	192	30.53	623	29.91	192	29.01
194	24.85	716	31.34	11	30.64	194	30.37	194	29.63
192	24.93	11	31.47	834	30.86	11	31.09	11	30.15
273	24.97	834	31.87	270	31.16	834	31.43	834	30.29
12	26.36	12	33.78	12	31.67	12	32.62	12	31.66
Reg wide	23.73	Reg wide	27.97	Reg wide	28.26	Reg wide	28.12	Reg wide	27.49

Table 8. Average Class Size by Grade Group (Including Special Education)

Elementary		Jr Secondary		Sr Secondary		Jr & Sr Secondary		K-12	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
271	20.64	717	21.13	278	20.13	717	20.97	717	21.07
277	21.21	625	22.29	717	20.79	278	21.81	278	21.97
13	21.97	277	23.08	716	21.13	625	22.87	277	22.77
14	22.00	15	23.14	138	22.35	277	22.90	625	23.02
721	22.16	270	23.18	277	22.71	716	22.97	716	23.07
276	22.28	276	23.66	110	23.19	138	23.25	138	23.29
200	22.40	281	23.68	276	23.21	276	23.43	276	23.30
717	22.61	278	23.71	625	23.30	110	23.51	281	23.45
624	22.63	197	23.72	281	23.39	281	23.54	110	23.56
719	22.72	110	23.85	14	23.96	15	24.11	15	24.06
720	22.74	622	24.19	280	24.01	280	24.41	280	24.31
281	22.77	271	24.33	282	24.52	197	24.57	270	24.34
272	22.90	283	24.42	720	24.67	270	24.57	197	24.53
283	23.11	138	24.81	272	24.90	283	24.77	720	24.55
270	23.13	280	24.94	283	25.17	282	24.80	283	24.59
832	23.48	720	25.01	831	25.38	720	24.85	282	24.74
138	23.55	111	25.04	111	25.44	14	25.10	14	24.83
831	23.68	716	25.20	832	25.49	111	25.21	272	24.84
15	23.71	282	25.21	15	25.66	272	25.30	271	25.01
280	23.80	272	25.83	197	25.84	831	25.54	111	25.04
278	23.82	831	25.85	194	26.10	622	25.62	831	25.36
716	23.84	14	26.01	721	26.73	271	25.69	622	25.43
110	23.86	832	26.21	13	26.97	832	25.82	832	25.59
194	23.96	194	26.29	624	26.97	194	26.19	194	25.93
622	23.99	13	26.29	622	27.03	13	26.67	13	26.01
111	24.00	624	26.41	273	27.19	624	26.69	624	26.07
625	24.00	273	26.95	271	27.39	273	27.03	273	26.82
197	24.11	719	27.83	719	27.44	719	27.61	719	26.88
282	24.21	11	28.26	200	27.52	721	27.65	721	26.91
623	24.27	200	28.38	270	27.79	200	27.97	200	27.44
834	24.40	721	28.83	11	28.60	11	28.41	11	27.92
11	24.57	192	29.11	12	28.96	192	29.73	623	28.62
192	24.63	623	30.02	623	29.83	623	29.91	192	28.88
273	24.97	834	31.87	192	30.53	12	30.66	12	30.04
12	26.36	12	32.91	834	30.86	834	31.43	834	30.25
Reg wide	23.56	Reg wide	25.63	Reg wide	25.66	Reg wide	25.64	Reg wide	25.38

C. ELEMENTARY CLASS SIZE STATISTICS & DATA OBSERVATIONS

Elementary class size data are reported for each participating district for grades K, 1, 2, 3, 4, 5, 6, combo or ungraded, and Special Education.

Table 9 (pages 17-18) reports the average class sizes for each school district. Districts are ranked from low to high according to the average calculated.

Table 10 (pages 19-20) reports class size maximums and minimums for each school district. Districts are ranked from low to high based upon the maximum class size.

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

Data observations:

- Average class size generally increases with grade level.
- Regionwide, elementary settings most commonly end with 5th grade.
- Average class size shows wide variability across districts.
- Class size range shows wide variability across districts.

Table 9. Elementary Average Class Size by Class Type

Kindergarten		Grade 1		Grade 2		Grade 3		Grade 4	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
717	16.83	272	19.13	283	20.72	277	21.50	271	21.85
277	17.38	200	19.57	271	20.86	276	21.52	720	23.36
832	17.88	277	20.38	720	21.30	271	21.58	276	23.61
272	18.39	271	20.38	272	21.55	111	22.40	283	23.87
13	18.58	276	20.53	13	21.64	721	22.64	277	23.88
271	19.08	721	20.73	716	21.80	200	22.79	270	24.28
14	19.30	831	20.79	276	22.07	138	22.89	14	24.33
282	19.33	111	20.83	719	22.19	281	23.20	624	24.44
721	19.40	11	21.07	721	22.23	624	23.34	281	24.62
281	19.84	720	21.25	270	22.25	270	23.43	719	24.70
624	19.88	280	21.31	282	22.60	719	23.58	622	24.97
11	19.95	278	21.44	280	22.67	278	23.75	13	25.10
280	20.00	832	21.63	281	22.88	110	23.92	721	25.15
720	20.00	13	21.64	192	23.00	15	23.93	834	25.21
15	20.19	623	21.73	624	23.00	831	23.94	110	25.25
623	20.39	624	21.87	832	23.00	716	24.00	200	25.31
716	20.43	719	21.93	277	23.14	625	24.07	716	25.60
719	20.48	14	22.00	14	23.33	282	24.20	717	25.60
194	20.48	281	22.00	111	23.50	717	24.33	273	25.77
622	20.71	622	22.00	831	23.59	832	24.33	280	25.79
200	20.71	194	22.09	625	23.75	720	24.35	278	25.88
278	20.75	282	22.20	273	23.80	14	24.60	623	26.10
110	20.85	283	22.31	623	23.83	272	24.68	831	26.12
831	20.90	270	22.43	110	23.83	197	24.72	272	26.12
834	20.92	834	22.65	197	23.83	13	24.73	832	26.22
276	20.93	625	22.73	200	23.92	622	24.83	197	26.33
270	21.06	717	22.80	15	24.00	623	25.23	625	26.36
283	21.44	716	22.83	717	24.00	834	25.58	138	27.25
12	21.50	138	23.00	194	24.10	283	25.71	192	27.79
192	21.67	197	23.06	138	24.25	273	26.05	11	28.02
138	22.44	192	23.35	622	24.46	194	26.10	194	28.11
625	22.73	15	23.36	11	24.72	192	26.58	111	28.75
111	23.00	110	23.38	278	24.88	11	26.74	282	29.50
197	23.00	273	24.00	834	24.90	12	27.00	15	30.09
273	23.31	12	24.21	12	26.28	280	28.31	12	30.47
Reg wide	20.65	Reg wide	21.82	Reg wide	23.34	Reg wide	24.54	Reg wide	25.87

Table 9. Elementary Average Class Size by Class Type

Grade 5		Grade 6		Combo or Ungraded		Special Education	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
13	21.18	270	25.47	13	17.00	15	1.50
270	23.00	623	25.86	624	21.00	138	3.00
271	23.41	831	26.72	276	21.50	194	3.88
624	23.92	272	27.17	271	22.67	719	4.33
831	24.35	834	27.18	622	23.00	192	4.50
281	24.36	138	28.29	623	23.75	276	5.00
138	25.11	716	29.25	834	24.00	625	5.45
716	25.60	Reg wide 26.72		625	25.01	14	6.00
283	25.77			192	25.44	271	6.63
276	25.86			719	25.71	834	8.50
280	26.00			273	26.93	721	12.00
625	26.04			Reg wide 24.75		Reg wide 5.34	
721	26.08						
273	26.11						
110	26.25						
272	26.29						
278	26.50						
720	26.75						
832	27.00						
719	27.17						
834	27.50						
622	27.69						
111	27.75						
192	27.90						
194	28.83						
11	28.89						
623	29.26						
12	30.00						
15	30.36						
282	30.75						
Reg wide 26.57							

Table 10. Elementary Maximum/Minimum Class Size by Class Type

Kindergarten			Grade 1			Grade 2			Grade 3			Grade 4		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
717	17	16	200	21	18	283	22	19	111	23	21	716	26	25
277	19	15	272	21	16	13	23	19	138	23	22	720	26	20
832	19	17	111	22	18	282	23	22	278	24	23	110	27	24
14	21	17	277	22	18	716	23	20	716	24	24	271	27	16
15	21	19	832	22	21	720	23	20	200	25	21	277	27	21
282	21	15	278	23	21	111	24	23	270	25	20	278	27	25
721	21	18	282	23	21	832	24	22	277	25	19	717	27	25
200	22	19	716	23	22	138	25	23	282	25	23	719	27	23
272	22	15	721	23	19	270	25	17	717	25	22	721	27	23
278	22	20	138	24	22	272	25	18	721	25	21	832	27	25
624	22	14	14	24	20	277	25	21	832	25	22	138	28	26
716	22	17	280	24	19	278	25	24	110	26	22	14	28	20
110	23	17	283	24	20	717	25	22	15	26	21	200	28	24
12	23	20	719	24	19	719	25	18	281	26	19	273	28	24
13	23	14	720	24	18	721	25	18	14	27	22	283	28	20
281	23	16	11	25	14	110	26	22	197	27	22	624	28	18
720	23	15	110	25	22	14	26	20	271	27	18	111	29	28
834	23	17	15	25	21	15	26	21	276	27	16	13	29	21
11	24	15	194	25	20	200	26	22	720	27	18	197	29	23
111	24	22	271	25	14	271	26	16	13	28	19	270	29	16
138	24	16	624	25	17	276	26	17	273	28	23	276	29	15
192	24	20	717	25	22	192	27	19	624	28	17	281	29	19
194	24	16	13	26	17	280	27	17	625	28	16	282	30	29
270	24	16	192	26	21	281	27	15	719	28	20	625	30	18
271	24	12	276	26	15	831	27	18	272	29	20	834	30	21
280	24	16	281	26	18	273	28	20	283	29	24	272	31	21
719	24	18	622	26	18	624	28	17	194	30	20	623	31	22
276	25	15	831	26	14	11	29	19	622	30	18	192	32	24
283	25	18	834	26	16	12	29	23	623	30	21	280	32	19
622	25	15	270	27	17	194	29	19	831	30	17	11	33	20
623	25	17	273	27	18	197	29	19	192	31	22	194	33	24
273	26	21	623	27	15	622	29	20	834	31	21	622	33	18
831	26	17	12	28	19	623	29	18	12	32	21	15	34	26
625	27	16	197	29	19	834	29	21	280	32	26	831	34	18
197	28	19	625	30	12	625	30	13	11	33	20	12	35	25
Reg wide	28	12	Reg wide	30	12	Reg wide	30	13	Reg wide	33	16	Reg wide	35	15

Table 10. Elementary Maximum/Minimum Class Size by Class Type

Grade 5			Grade 6			Combo or Ungraded			Special Education		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
13	25	16	138	29	26	13	17	17	15	2	1
138	26	24	270	30	22	624	21	21	192	5	4
270	27	17	272	30	24	271	24	21	276	5	5
716	27	25	716	30	29	276	24	19	14	6	6
110	28	24	623	33	19	622	25	20	719	6	2
111	28	27	834	33	21	623	27	21	138	7	1
271	28	19	831	35	5	192	28	23	194	8	1
721	28	24	Reg wide 35 5			273	28	25	625	8	1
832	28	26				719	28	22	834	9	8
273	29	24				625	29	17	271	10	4
276	29	18				834	29	19	721	15	10
278	29	25				Reg wide 29 17			Reg wide 15 1		
283	29	22									
719	29	25									
720	29	25									
192	30	26									
280	30	21									
281	30	19									
831	30	16									
272	31	22									
282	31	30									
624	31	19									
625	31	18									
834	31	23									
15	33	28									
623	33	24									
194	34	24									
11	35	21									
622	35	22									
12	36	21									
Reg wide 36 16											

D. JUNIOR SECONDARY CLASS SIZE STATISTICS & DATA OBSERVATIONS

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 11 (page 22-24) reports the average class sizes for each school district. Districts are ranked from low to high according to the average calculated.

Table 12 (pages 25-27) reports class size maximums and minimums for each school district. Districts are ranked from low to high based upon the maximum class size.

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

Data observations:

- The highest average class sizes regionwide are Family & Consumer Science, Music, and Physical Education.
- Of the core subjects, Language Arts/English and Math are lower in class size than Science and Social Studies.
- Average class size shows wide variability across districts.
- Class size range shows wide variability across districts.

Table 11. Jr Secondary Average Class Size by Class Type

Art		Business Ed/Marketing		Family & Consumer Science		Health Education		Interdisciplinary Courses	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
138	23.83	831	23.83	276	16.00	138	20.00	278	16.35
717	23.89	273	27.00	717	21.90	625	21.01	277	19.50
110	24.33	720	27.25	110	24.50	271	24.44	111	24.67
282	25.40	280	28.83	282	24.50	717	24.75	14	29.13
720	25.55	625	30.00	831	25.00	272	25.50	Reg wide 18.73	
271	25.75	11	30.75	273	25.17	200	26.00		
624	25.88	719	31.22	624	25.86	192	26.63		
200	26.56	Reg wide 28.44		270	26.07	624	26.73		
276	26.74			625	26.57	276	26.74		
625	26.99			720	26.64	111	26.80		
197	27.00			832	26.71	831	27.00		
273	27.11			622	27.33	832	27.25		
15	27.27			200	27.40	273	27.27		
721	27.45			15	28.00	623	27.64		
719	27.75			271	28.00	110	28.33		
281	27.93			623	28.67	719	28.54		
13	27.94			719	29.40	277	28.78		
832	28.00			281	29.47	622	29.06		
622	28.06			194	30.11	270	29.30		
272	28.30			192	31.25	281	29.33		
270	28.53			716	33.00	721	29.50		
283	28.54			11	33.38	14	30.00		
623	29.38			12	33.90	15	30.00		
280	29.50			Reg wide 29.25		720	30.33		
277	29.67					280	32.00		
278	29.75					11	32.04		
834	30.65					834	32.85		
192	31.64					716	33.13		
11	32.13					12	35.40		
716	32.25					Reg wide 27.72			
111	32.33								
14	32.50								
831	32.55								
194	33.44								
12	34.50								
Reg wide 28.75									

Table 11. Jr Secondary Average Class Size by Class Type

Language Arts/English	Math		Music		Physical Education		Science		
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
625	22.30	111	20.06	623	23.86	720	24.71	281	24.89
13	22.31	717	20.64	281	24.49	717	25.25	271	24.96
281	22.35	271	20.72	832	26.65	270	25.55	625	25.19
271	22.49	283	21.96	271	26.92	832	26.27	717	25.75
622	23.90	625	22.60	277	27.52	197	26.83	270	26.08
270	24.41	282	23.71	197	27.96	624	26.83	110	27.13
280	24.76	280	23.97	625	28.17	271	27.16	200	27.49
283	24.79	716	24.36	276	28.70	110	27.41	283	27.51
717	25.17	622	24.54	720	29.24	273	27.76	622	27.67
624	25.19	273	24.54	624	29.46	272	28.33	832	27.73
273	25.74	281	24.72	622	29.52	192	28.48	13	27.74
716	26.20	277	25.05	719	29.89	194	29.36	15	27.82
110	26.59	270	25.52	15	30.19	283	29.40	282	27.92
200	26.65	138	25.78	283	31.13	282	29.69	273	27.93
15	27.13	197	25.80	13	31.80	200	30.00	719	28.08
832	27.17	832	25.84	270	32.45	622	30.11	276	28.15
277	27.19	13	26.33	272	32.51	721	30.14	624	28.61
197	27.29	719	26.38	11	32.83	625	30.30	831	28.62
111	27.33	624	26.49	280	33.33	111	30.54	721	28.65
282	27.40	200	26.66	273	33.36	276	30.56	277	28.67
276	27.46	15	26.84	111	34.20	15	30.61	280	28.90
721	27.63	272	26.96	834	35.08	280	30.83	197	29.07
192	27.75	110	27.06	192	36.38	138	30.94	111	29.17
272	27.80	192	27.15	831	38.81	281	31.63	278	29.17
138	28.11	721	27.15	200	38.96	831	32.16	192	29.28
831	28.38	276	27.37	14	39.79	14	32.38	716	29.33
278	28.42	831	28.25	282	42.33	834	32.43	720	29.93
11	28.44	278	28.46	717	42.90	277	32.94	272	30.02
194	28.98	623	28.78	716	43.25	13	33.33	138	31.06
14	29.37	194	28.82	138	45.71	623	33.51	623	31.58
720	29.38	720	29.37	110	46.76	12	33.68	194	31.63
623	29.62	11	29.41	12	47.40	716	33.88	11	32.30
834	30.90	834	30.42	278	49.43	11	34.39	14	32.77
12	32.78	14	30.57	194	52.25	278	37.73	834	33.59
Reg wide	25.92	12	33.62	721	81.57	Reg wide	30.16	12	34.40
		Reg wide	26.09	Reg wide	32.32			Reg wide	28.61

Table 11. Jr Secondary Average Class Size by Class Type

Social Studies		Special Education		Technology Ed/Computer Science		World Languages	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
717	19.33	278	2.83	13	20.50	625	18.85
271	23.31	282	3.00	192	21.50	278	19.82
281	25.21	110	3.33	138	22.92	138	20.38
15	25.95	197	3.42	717	23.00	282	22.00
624	26.02	716	3.50	197	23.40	270	23.66
270	26.56	831	4.02	625	23.40	624	24.27
625	26.76	276	4.34	624	24.37	276	24.49
273	26.89	832	4.63	273	24.97	14	24.73
622	26.91	15	4.96	194	25.63	273	25.56
276	26.94	721	5.00	200	25.71	283	25.65
197	27.02	138	5.17	110	25.83	272	26.40
282	27.27	194	5.24	276	25.84	271	26.40
832	27.27	283	5.33	270	25.93	720	27.04
200	27.54	720	5.38	720	25.97	197	27.14
283	27.71	272	5.50	831	26.10	719	27.90
13	27.73	270	5.53	622	26.28	831	28.36
721	27.98	111	5.75	282	26.40	623	28.44
831	28.25	622	5.93	271	26.62	192	28.50
278	28.50	14	6.28	281	26.65	110	29.00
719	28.67	281	6.39	721	27.05	281	29.07
110	28.70	277	6.45	623	27.46	622	29.25
277	28.76	625	6.69	832	27.82	832	29.60
280	28.90	280	7.68	15	27.86	834	29.89
138	29.05	11	7.71	283	28.42	716	31.00
716	29.11	717	8.00	14	29.62	721	31.09
192	29.32	719	9.29	111	29.75	280	32.83
272	29.38	192	9.33	277	29.82	11	33.03
194	30.11	12	9.80	272	30.00	12	33.23
14	30.68	271	11.00	280	30.67	Reg wide 26.33	
623	31.06	13	12.91	834	30.76		
720	31.26	Reg wide 5.96		12	31.67		
111	31.50			11	31.82		
12	31.64			716	32.44		
11	32.13			278	35.00		
834	32.56			Reg wide 27.94			
Reg wide 28.19							

Table 12. Jr Secondary Maximum/Minimum Class Size by Class Type

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
282	27	24	831	30	16	276	21	11	138	24	16	111	29	22
110	29	20	273	31	23	282	25	24	200	29	21	278	29	1
138	30	20	720	31	20	717	28	14	110	30	24	277	30	9
832	31	25	280	32	25	110	29	20	717	30	19	14	31	25
200	32	21	719	33	29	832	29	24	832	30	24	Reg wide	31	1
272	32	20	625	34	25	194	32	27	721	31	29			
276	32	22	11	35	20	271	32	24	831	31	23			
283	32	21	Reg wide 35 16			281	32	22	111	32	21			
717	32	17				270	33	16	272	32	18			
721	32	23				622	33	16	276	32	20			
270	33	25				624	33	19	277	32	24			
271	33	13				719	33	23	281	32	27			
624	33	17				720	33	18	192	33	12			
111	34	31				200	34	21	623	33	20			
15	34	18				273	34	13	720	33	27			
278	34	27				625	34	13	270	34	23			
280	34	24				831	34	9	271	34	17			
281	34	21				15	35	22	624	34	17			
622	34	16				192	35	27	622	35	23			
623	34	24				623	35	21	716	35	31			
716	34	30				716	35	31	719	35	16			
834	34	28				12	36	29	834	35	30			
192	35	26				11	41	21	15	36	19			
273	35	14				Reg wide 41 9			273	36	16			
277	35	23							280	36	27			
719	35	15							12	37	33			
720	35	17							14	37	24			
831	35	29							11	38	22			
14	36	26							625	38	5			
197	36	16							Reg wide 38 5					
13	37	12												
12	38	24												
194	38	27												
625	38	5												
11	42	10												
Reg wide	42	5												

Table 12. Jr Secondary Maximum/Minimum Class Size by Class Type

Language Arts/English			Math			Music			Physical Education			Science		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
282	30	25	280	29	15	623	30	15	717	28	22	717	28	24
717	31	23	277	30	19	832	36	18	110	32	15	282	30	26
721	32	24	716	31	10	277	40	18	832	32	20	110	32	18
832	32	19	282	32	7	281	40	15	272	33	17	277	32	22
138	33	16	832	32	16	622	40	14	721	33	27	283	32	21
192	33	20	110	33	22	280	42	22	270	34	15	721	32	24
273	33	13	272	33	14	720	45	14	280	34	26	832	32	21
110	34	18	278	33	20	624	46	16	283	35	15	270	33	15
272	34	20	717	33	3	719	46	16	624	35	13	276	33	18
276	34	17	721	33	14	13	48	9	716	35	33	281	33	17
277	34	16	138	34	17	15	49	7	138	36	25	716	33	25
278	34	19	200	34	17	271	49	11	192	37	17	138	34	23
280	34	15	283	34	7	11	50	5	273	37	14	192	34	21
281	34	8	623	34	22	270	51	20	282	37	24	271	34	16
624	34	12	624	34	17	272	52	19	831	37	25	272	34	23
111	35	15	197	35	13	197	54	14	834	37	29	273	34	18
200	35	16	270	35	13	276	56	16	14	38	27	278	34	24
270	35	10	273	35	13	283	56	19	271	38	17	623	34	25
271	35	11	276	35	20	282	60	24	15	39	12	719	34	11
622	35	11	720	35	23	834	60	19	111	40	22	720	34	24
623	35	16	111	36	3	12	62	27	194	40	17	111	35	22
716	35	6	192	36	16	273	62	17	276	40	22	15	35	18
720	35	22	271	36	11	111	63	23	277	40	25	622	35	16
13	36	10	281	36	8	192	65	15	12	41	19	624	35	17
197	36	10	719	36	11	138	67	23	197	41	15	831	35	15
283	36	3	15	37	16	14	71	11	278	41	33	197	36	19
14	37	22	622	37	10	200	71	6	623	41	22	200	36	18
15	37	15	625	37	4	625	72	5	13	42	23	280	36	20
194	37	18	831	37	14	831	74	17	200	42	17	13	37	10
831	37	13	834	37	17	110	76	13	622	42	17	14	37	25
834	38	27	14	38	24	717	76	11	281	43	13	834	37	27
11	39	7	11	40	5	716	85	25	720	43	13	11	38	24
625	39	4	13	40	10	194	98	24	625	44	12	12	39	26
12	40	24	12	41	22	278	98	26	11	49	15	194	39	23
Reg wide	40	3	194	41	9	721	106	54	Reg wide	49	12	625	39	7
			Reg wide	41	3	Reg wide	106	5				Reg wide	39	7

Table 12. Jr Secondary Maximum/Minimum Class Size by Class Type

Social Studies			Special Education			Technology Ed/Computer Science			World Languages		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
717	23	5	282	4	2	192	27	16	138	24	16
282	30	24	832	6	3	717	27	21	282	27	8
110	32	24	110	8	1	138	29	18	625	29	5
276	32	16	278	8	1	194	29	21	197	31	23
832	32	21	717	8	8	282	29	22	110	32	26
272	33	21	721	8	2	721	30	22	276	32	9
277	33	22	138	10	1	832	30	26	278	32	4
283	33	15	197	10	1	110	31	20	716	32	30
716	33	26	272	10	3	200	31	19	192	33	22
721	33	21	270	11	1	271	31	17	271	33	12
138	34	22	271	11	11	276	31	14	272	33	14
270	34	17	283	11	1	831	31	19	273	33	11
278	34	22	716	11	1	13	32	11	832	33	25
281	34	14	719	11	7	272	32	24	281	34	20
623	34	22	720	11	1	277	32	28	624	34	11
13	35	10	14	12	1	281	32	22	834	34	21
192	35	23	192	12	8	283	32	19	270	35	10
197	35	20	831	12	1	623	32	18	623	35	12
271	35	14	15	14	1	624	32	15	719	35	18
273	35	15	276	14	1	111	33	22	720	35	17
622	35	13	12	15	6	197	33	16	721	35	23
719	35	12	194	15	1	270	34	20	831	35	14
831	35	14	280	15	3	273	34	16	14	36	6
111	36	24	111	16	2	280	34	27	283	36	17
200	36	10	11	17	1	625	34	7	622	36	16
280	36	15	281	17	1	720	34	11	12	37	29
624	36	17	625	17	1	834	34	17	11	40	24
720	36	22	277	18	1	716	35	30	280	41	25
14	37	20	622	18	1	12	36	23	Reg wide 41 4		
15	37	16	13	19	10	15	36	18			
194	38	15	Reg wide 19 1			14	37	22			
11	39	21				622	37	15			
12	39	19				11	41	19			
834	39	27				278	56	23			
625	41	9				Reg wide 56 7					
Reg wide 41		5									

E. SENIOR SECONDARY CLASS SIZE STATISTICS & DATA OBSERVATIONS

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 13 (pages 29-31) reports the average class sizes for each school district. Districts are ranked from low to high according to the average calculated.

Table 14 (pages 32-34) reports class size maximums and minimums for each school district. Districts are ranked from low to high based upon the maximum class size.

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

Data observations:

- The highest average class sizes regionwide are Health Education, Music, Physical Education, and Social Studies.
- Of the core subjects, Language Arts/English, Math, and Science are lower in class size than Social Studies.
- Average class size shows wide variability across districts.
- Class size range shows wide variability across districts.

Table 13. Sr Secondary Average Class Size by Class Type

Art		Business Ed/Marketing		Family & Consumer Science		Health Education		Language Arts/English	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
716	16.17	716	16.40	717	19.83	283	17.00	110	22.71
278	16.20	625	16.57	281	20.71	111	24.00	717	24.11
717	19.83	110	17.00	282	21.33	624	25.76	111	24.45
272	21.36	200	18.00	192	22.80	276	26.50	278	24.87
200	21.50	111	20.50	273	23.71	273	26.67	276	25.23
110	23.38	280	21.50	720	24.30	717	26.67	832	25.39
283	24.50	624	23.43	625	24.34	716	27.00	625	25.69
271	24.53	281	24.19	719	24.36	282	27.67	716	25.85
721	24.90	717	24.44	271	24.58	832	28.00	15	26.46
832	24.92	283	24.67	197	24.78	277	28.33	282	26.50
276	25.52	278	24.73	194	24.82	623	28.83	200	26.56
624	26.36	194	25.06	280	25.00	110	29.00	624	27.01
625	26.61	622	25.26	138	25.08	720	29.27	271	27.13
281	26.76	138	25.42	111	25.33	721	29.43	138	27.17
622	26.82	14	26.20	622	25.95	625	30.14	272	27.42
273	27.00	720	26.47	832	26.00	15	30.25	283	27.57
834	27.36	719	26.70	831	26.39	138	30.75	721	27.85
282	27.44	277	26.75	276	26.62	281	30.94	281	27.86
111	27.50	271	26.80	624	26.93	272	31.20	192	28.06
277	27.60	192	27.00	721	27.55	270	31.67	277	28.09
623	27.60	276	27.40	15	28.00	197	31.83	720	28.15
719	27.63	11	27.45	200	28.00	271	32.00	273	28.65
14	27.80	623	28.13	110	28.25	11	33.00	280	28.71
280	28.30	272	28.46	623	30.00	831	33.13	719	28.85
15	28.50	721	28.56	11	30.38	622	33.20	14	29.52
11	28.72	831	29.00	14	31.00	200	33.64	194	29.53
192	29.00	15	29.58	272	31.55	12	33.71	12	29.76
270	29.29	273	29.60	270	31.75	13	34.00	13	29.97
720	29.47	12	32.00	12	34.40	280	34.20	831	30.08
831	30.17	197	32.17	13	37.13	834	34.80	623	30.08
194	30.57	270	33.25	Reg wide 26.74		192	35.20	197	30.11
138	30.83	834	35.75			194	35.27	11	30.19
197	31.10	Reg wide 26.30				Reg wide 30.62		270	30.21
13	31.94							622	30.72
12	34.73							834	30.84
Reg wide 27.11						Reg wide 27.90			

Table 13. Sr Secondary Average Class Size by Class Type

Math		Music		Physical Education		Science		Social Studies	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
717	19.72	622	27.47	716	21.50	717	23.57	15	25.38
138	22.11	625	28.59	832	22.40	111	24.38	716	25.63
111	23.53	832	28.71	834	26.30	716	24.61	278	26.32
716	23.76	280	29.00	15	26.75	278	25.11	717	26.56
110	25.41	831	29.43	717	26.86	282	25.16	110	27.00
278	25.91	138	29.90	278	26.91	624	26.49	282	27.36
281	26.01	14	32.20	110	26.94	625	26.52	200	27.65
625	26.67	110	33.23	271	27.59	110	26.58	276	27.87
832	26.74	197	33.75	624	27.74	200	26.63	138	27.88
282	27.07	281	33.81	282	27.88	281	27.01	111	28.00
15	27.48	271	35.82	273	28.38	15	27.26	283	28.00
13	27.58	13	36.83	719	29.04	276	27.32	271	28.20
720	27.62	277	37.67	111	29.25	283	27.47	624	28.31
624	27.79	719	38.10	277	29.71	280	27.69	281	28.35
197	28.00	283	38.78	138	29.93	272	27.72	280	28.56
271	28.01	278	39.00	623	30.08	721	27.73	832	28.63
200	28.06	624	39.94	270	30.20	832	27.82	625	28.76
283	28.08	272	40.37	721	30.29	138	27.83	13	29.07
276	28.68	11	42.88	622	30.44	831	27.98	720	29.17
11	28.68	270	43.29	276	30.52	14	28.03	721	29.23
270	28.73	200	44.00	625	30.62	271	28.15	273	29.30
280	28.85	834	46.42	194	30.64	273	28.20	719	29.65
721	28.90	194	47.58	272	30.65	13	28.48	194	30.13
277	29.07	111	47.75	720	30.93	720	28.48	277	30.16
273	29.12	282	49.20	283	31.00	12	28.70	834	30.64
719	29.47	720	49.57	11	31.35	277	29.00	192	30.67
192	29.58	273	54.93	200	31.38	719	29.00	197	30.77
194	29.59	717	55.14	831	31.67	194	29.70	270	30.88
622	29.74	716	56.00	281	31.79	192	29.76	831	30.88
831	29.92	721	58.00	14	33.58	834	29.77	622	31.10
14	29.96	12	58.10	280	34.32	197	29.89	272	31.18
623	30.04	192	64.78	197	34.62	623	30.39	14	31.60
12	30.06	Reg wide 38.75		192	35.21	622	30.89	623	31.83
272	30.53			12	36.00	11	31.38	12	33.12
834	31.23			13	37.33	270	31.74	11	33.25
Reg wide	28.09			Reg wide	30.39	Reg wide	28.25	Reg wide	29.68

Table 13. Sr Secondary Average Class Size by Class Type

Special Education		Technology Ed/Computer Science		Work Experience Program		World Languages	
Dist.	Avg.	Dist.	Avg.	Dist.	Avg.	Dist.	Avg.
278	3.52	717	13.60	138	2.50	14	20.54
277	3.77	280	14.00	194	2.75	278	20.81
716	3.79	281	18.55	832	3.00	717	21.55
282	3.94	278	18.78	14	3.14	138	22.45
831	4.36	138	19.33	717	7.00	831	22.83
110	4.48	625	20.26	716	8.67	625	22.85
717	4.60	622	20.29	110	9.25	282	23.00
276	4.66	277	20.67	272	11.20	720	23.06
270	5.71	624	20.70	12	12.75	716	23.43
720	6.00	720	20.90	192	13.00	111	24.00
138	6.18	200	21.20	625	16.71	624	24.07
273	6.45	716	21.25	721	19.50	283	24.36
15	6.45	194	22.27	11	23.25	280	24.63
14	6.68	276	22.29	Reg wide 16.89		281	25.15
194	6.70	721	22.50			110	25.43
197	6.76	192	22.60			276	25.74
281	7.06	832	22.60			721	25.93
283	7.13	831	22.71			200	25.97
280	7.14	283	24.00			277	26.29
622	7.23	719	24.00			270	26.50
719	7.35	271	24.17			273	26.60
111	7.50	623	24.63			622	26.68
625	7.70	273	24.88			832	26.69
721	8.00	110	25.75			272	26.75
272	8.12	111	26.33			271	26.87
832	8.31	15	26.93			11	27.72
11	8.56	14	27.38			623	28.09
12	9.51	270	27.80			719	28.17
13	11.18	282	28.25			197	28.57
271	13.70	197	28.27			834	29.22
Reg wide 6.87		272	28.33			192	29.36
		13	30.20			13	29.58
		12	30.36			194	31.23
		11	32.15			15	31.88
		834	32.33			12	32.09
Reg wide 23.83				Reg wide 25.77			

Table 14. Sr Secondary Maximum/Minimum Class Size by Class Type

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
716	22	11	110	18	16	281	27	13	283	20	14	111	28	21
717	24	16	111	24	17	282	27	18	111	24	24	717	32	15
200	27	11	200	25	11	717	27	9	276	28	25	720	32	11
721	28	18	280	25	18	111	28	24	282	29	26	832	32	13
110	30	14	716	28	4	200	28	28	717	29	23	200	33	14
111	31	24	717	30	10	720	30	20	716	30	24	278	33	11
282	31	18	194	32	17	110	31	24	720	30	22	716	33	20
832	31	16	277	32	18	15	31	21	273	31	22	12	34	24
272	32	2	278	32	12	192	31	9	623	32	23	110	35	6
138	33	27	281	32	11	271	31	12	721	32	25	14	35	24
278	33	1	719	32	17	721	31	19	832	32	24	192	35	12
283	33	14	721	32	20	138	32	19	272	33	25	273	35	10
624	33	12	14	33	14	276	32	7	110	34	18	282	35	12
15	34	22	192	33	7	832	32	18	138	34	25	624	35	14
271	34	12	624	33	9	197	34	16	277	34	25	721	35	15
273	34	21	720	33	5	273	34	17	15	35	22	138	36	7
622	34	11	138	34	10	14	35	26	281	35	12	15	36	16
720	34	13	272	34	13	622	35	12	12	36	31	270	36	16
14	35	8	283	34	12	719	35	13	200	36	31	283	36	14
192	35	15	623	34	16	270	36	24	270	36	19	622	36	10
197	35	22	12	35	27	280	36	19	271	36	26	623	36	15
277	35	18	271	35	19	623	36	21	624	36	12	831	36	14
623	35	11	622	35	13	624	36	14	13	37	30	13	37	15
719	35	16	15	36	24	12	37	30	192	37	33	197	37	21
834	35	17	270	36	26	194	37	16	197	37	25	271	37	11
12	36	30	273	36	19	625	39	5	280	37	30	272	37	13
270	36	17	831	36	8	831	39	12	625	37	14	719	37	16
280	36	18	197	37	23	13	41	33	831	37	26	277	38	15
281	37	13	834	37	34	11	43	10	834	37	31	280	38	17
831	37	13	625	38	3	272	53	26	622	38	14	281	38	7
194	38	7	11	41	5	Reg wide 53 5			194	39	28	625	40	4
276	39	8	276	46	16				11	42	25	11	42	5
11	40	8	Reg wide 46 3						Reg wide 42 12			194	42	15
625	40	7										834	45	14
13	44	21										276	46	12
Reg wide 44	1										Reg wide 46 4			

Table 14. Sr Secondary Maximum/Minimum Class Size by Class Type

Math			Music			Physical Education			Science			Social Studies		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
717	30	3	280	41	13	832	29	16	110	32	12	717	31	12
276	32	13	138	47	11	716	30	7	272	32	16	720	33	18
200	33	14	622	48	8	278	32	21	276	32	13	832	33	17
110	34	16	719	49	19	282	32	25	278	32	13	716	34	13
111	34	13	14	51	8	717	33	19	717	32	8	721	34	20
138	34	5	197	52	21	273	34	17	720	32	12	110	35	14
278	34	12	277	52	12	276	34	19	111	33	16	138	35	16
720	34	18	111	55	35	721	34	22	12	33	23	200	35	23
280	35	14	278	57	6	272	35	26	200	33	11	13	36	12
282	35	5	283	57	22	624	35	19	282	33	17	15	36	10
721	35	18	831	57	11	720	35	20	721	33	18	192	36	16
12	36	17	271	58	17	15	36	17	832	33	16	270	36	17
14	36	23	270	63	18	283	36	18	14	35	14	278	36	13
15	36	20	832	63	9	111	37	23	273	35	14	282	36	15
273	36	14	13	64	10	138	37	20	277	35	16	283	36	15
283	36	16	624	64	5	14	37	30	623	35	14	623	36	21
623	36	21	282	66	21	277	37	19	716	35	11	719	36	17
624	36	13	12	69	37	834	37	12	138	36	16	111	37	17
832	36	19	717	71	33	270	38	18	197	36	18	14	37	21
270	37	16	720	72	12	280	38	29	283	36	16	273	37	12
272	37	21	834	72	18	623	38	16	624	36	11	277	37	15
281	37	8	272	73	11	719	38	10	834	36	18	624	37	12
716	37	7	200	74	7	831	38	15	15	37	10	12	38	24
719	37	14	721	77	43	12	39	30	192	37	10	197	38	17
13	38	8	110	79	13	200	39	17	270	37	14	271	38	15
192	38	20	716	85	28	271	39	13	281	37	6	272	39	21
194	38	10	192	87	42	110	40	17	719	37	14	280	39	12
277	38	16	11	89	6	281	40	11	280	38	16	281	39	13
622	38	7	281	93	8	625	40	13	831	38	11	194	40	14
271	39	13	273	103	28	11	41	5	13	39	12	622	40	13
831	39	17	625	110	8	197	42	24	271	39	11	831	42	5
834	39	20	194	183	9	13	43	33	622	39	14	276	46	11
11	42	5	Reg wide 183			192	46	22	11	42	5	625	46	8
197	42	16				622	47	15	194	44	3	834	47	18
625	43	4				194	49	9	625	45	4	11	52	9
Reg wide	43	3				Reg wide	49	5	Reg wide	45	3	Reg wide	52	5

Table 14. Sr Secondary Maximum/Minimum Class Size by Class Type

Special Education			Technology Ed/Computer Science			Work Experience Program			World Languages		
Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min	Dist.	Max	Min
111	8	6	280	14	14	832	3	3	111	28	16
110	9	1	717	19	5	138	4	1	717	29	15
282	9	1	138	24	12	14	4	2	721	30	20
277	10	1	283	25	23	194	5	1	278	31	4
278	10	1	832	25	17	717	7	7	716	31	13
15	11	1	721	27	17	192	13	13	14	32	4
716	11	2	624	28	4	110	17	1	720	32	4
717	11	1	271	29	17	12	18	4	110	33	15
14	12	1	278	29	3	272	19	6	138	33	9
276	13	1	719	29	16	716	19	2	272	33	5
720	13	2	720	29	15	721	21	18	200	34	14
138	14	1	110	30	20	625	28	7	276	35	12
194	14	2	192	30	11	11	41	10	282	35	6
831	14	1	200	30	14	Reg wide 41 1			719	35	15
12	15	1	273	30	20				12	36	20
270	15	1	276	30	12				273	36	11
273	15	2	272	31	22				281	36	7
280	15	2	622	31	8				623	36	15
622	15	1	716	31	13				624	36	1
283	16	1	111	32	21				15	37	24
832	16	3	14	32	22				270	37	14
197	17	2	15	32	9				271	37	14
719	17	1	623	32	14				280	37	7
281	18	1	831	32	9				283	37	4
13	19	4	281	33	5				831	37	4
625	19	1	834	33	31				834	37	19
721	20	2	277	34	7				192	38	10
11	27	1	282	34	22				13	39	12
272	27	1	197	35	18				277	39	18
271	38	11	13	36	17				11	40	5
Reg wide 38 1			194	36	5				194	40	9
			12	37	19				625	40	4
			270	38	14				622	41	8
			625	38	3				832	44	15
			11	41	16				197	46	14
			Reg wide 41 3						Reg wide 46 1		

APPENDIX

35 PARTICIPATING DISTRICTS

Alphabetical Listing	District Number Listing
11 Anoka-Hennepin	11 Anoka-Hennepin
716 Belle Plaine	12 Centennial
271 Bloomington	13 Columbia Heights
12 Centennial	14 Fridley
13 Columbia Heights	15 St. Francis
272 Eden Prairie	110 Waconia
273 Edina	111 Watertown-Mayer
192 Farmington	138 North Branch
831 Forest Lake	192 Farmington
14 Fridley	194 Lakeville
200 Hastings	197 West St. Paul
270 Hopkins	200 Hastings
717 Jordan	270 Hopkins
194 Lakeville	271 Bloomington
832 Mahtomedi	272 Eden Prairie
276 Minnetonka	273 Edina
721 New Prague	276 Minnetonka
138 North Branch	277 Westonka
622 North St. Paul-Maplewood-Oakdale	278 Orono
278 Orono	280 Richfield
719 Prior Lake-Savage	281 Robbinsdale
280 Richfield	282 St. Anthony-New Brighton
281 Robbinsdale	283 St. Louis Park
623 Roseville	622 North St. Paul-Maplewood-Oakdale
720 Shakopee	623 Roseville
282 St. Anthony-New Brighton	624 White Bear Lake
15 St. Francis	625 St. Paul
283 St. Louis Park	716 Belle Plaine
625 St. Paul	717 Jordan
834 Stillwater	719 Prior Lake-Savage
110 Waconia	720 Shakopee
111 Watertown-Mayer	721 New Prague
197 West St. Paul	831 Forest Lake
277 Westonka	832 Mahtomedi
624 White Bear Lake	834 Stillwater



Metro ECSU
2 Pine Tree Drive, Suite 101
Arden Hills, MN 55112

www.metroecsu.org
612-638-1500

DATE: September 27, 2016
TO: Class Size Study District Contact Persons
FROM: Julie Schaal, Class Size Study Coordinator
Cathy Macdonald, Metro ECSU Director of Operations
RE: Directions for the Annual Class Size Study 2016-17

Metro ECSU is 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 the 2016-2017 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, 2016:

District data should reflect fall semester class sizes as of October 1, 2016. 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:

With this letter you should have three different Excel spreadsheets for data reporting. Each file is designed for one school level as follows:

- Elementary
- 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 drop-down list of values from which to choose; you do not have to type them.

Example:

Suppose St. Paul Public Schools (district 625) had the following Language Arts/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 Nbr	Class Type	Nbr Classes	Class Size
625	Language Arts/English	1	18
625	Language Arts/English	4	22
625	Language Arts/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 letter. Instruct building contacts to respond in a timely fashion—we suggest that you give them a due date of November 11, 2016. Data is due to Metro ECSU by November 18, 2016.

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

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

Detailed Guidance for Reporting Data:

Please review the Detailed Guidance for Reporting Data on page 3 of this letter. We've included specific examples and instructions to help you accurately report your data.

Deadline:

Submit your data to Metro ECSU by November 18, 2016. Please 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 18, 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 in February.

Questions:

If you have any questions or are unsure how to report particular data, please contact Julie Schaal, Class Size Study Coordinator, at Julie.Schaal@metroecs.org or 612-638-1540. Thank you for your cooperation and assistance.

Detailed Guidance for Reporting Data

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. Rather, it is a snapshot of classes most frequently offered at each grade level across the metro Twin Cities public schools. Examples of Class Types not collected are: Independent Study, Alternative Learning Programs, ELL, and College Readiness Classes (e.g. AVID).

If your school does not offer a particular Class Type, do not list it or enter any data.

If you are unsure how to classify a specific course, please contact Julie Schaal, Class Size Study Coordinator.

Combo or Ungraded Class Type (elementary only)

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

Interdisciplinary Class Type (jr. secondary only)

Include classes that combine 2 or more Class Types at the jr. secondary level. This is for entire courses, not just units of study.

Special Education Class Type

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.

Multiple Groups per Teacher (jr. and sr. secondary only)

Include classes that combine students with the same teacher in the same classroom with students learning material at different levels. For example, if the same teacher provides instruction for German 5 and German 6 in the same classroom at the same time, this should be considered one World Languages class.

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 + 1 half-time teacher/90 students: Report as 4 classes of 20 and 1 class of 10 (allows for the half-time person to have half the # of students)

$$4n + .5n = 90 \quad n = \# \text{ students for full time teacher}$$

Some rounding may be necessary to maintain # students (n) as whole numbers.

Questions

If you have any questions or are unsure how to report particular data, please contact Julie Schaal, Class Size Study Coordinator, at Julie.Schaal@metroecs.org or 612-638-1540.

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 Special Education	1	18
625	Etc.	2	8

Please enter your contact information

Contact Person Name

Position

School (or District Office)

Phone

Email

Additional information about your data (optional)

District Nbr	Class Type	Nbr Classes	Class Size

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	
Additional information about your data (optional)	

District Nbr	Class Type	Nbr Classes	Class Size	Class Type Values	Sr Secondary Example Table
				Art	
				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					
Additional information about your data (optional)					