



# Annual Class Size Study

A Report of Class Size Patterns  
2015-2016 School Year

February 2016

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

612-638-1500  
[www.metroecs.org](http://www.metroecs.org)

## **FOREWARD**

The Metro ECSU 2015-2016 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.

Questions or comments about this report should be directed to Julie Schaal at  
[julie.schaal@metroecsu.org](mailto:julie.schaal@metroecsu.org) or 612-638-1540.

Julie Frame  
Executive Director, Metro ECSU

Cathy Macdonald  
Director of Operations, Metro ECSU

Julie Schaal  
Class Size Study Coordinator, Metro ECSU

## **TABLE OF CONTENTS**

Introduction .....	1
Glossary .....	3
List of Tables .....	5
Reports with Tables .....	6
A. Regionwide Class Size Statistics & Data Observations: Trends.....	7
B. Regionwide Class Size Statistics.....	11
C. Elementary Class Size Statistics & Data Observations.....	16
D. Junior Secondary Class Size Statistics & Data Observations.....	21
E. Senior Secondary Class Size Statistics & Data Observations.....	28
Appendix .....	35
A. List of Participating Districts .....	36
B. Memo to District Contacts: Directions for the Annual Class Size Study .....	37
C. Data Collection Formats (data was collected in Excel) .....	41

## **INTRODUCTION**

This report describes class size statistics for thirty-six 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” (pages 37-40) and three Excel spreadsheet formats (pages 41-43), 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 (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, 2015.

- 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).

## LIST OF TABLES

<b>Table</b>		<b>Page</b>
1	Elementary Regionwide Class Size Trends.....	8
2	Jr. Secondary Regionwide Class Size Trends.....	9
3	Sr. Secondary Regionwide Class Size Trends.....	10
4	Class Size Regionwide by Class Type.....	12
5	Class Size Regionwide by Grade Group (Excluding Special Education).....	13
6	Class Size Regionwide by Grade Group (Including Special Education).....	13
7	Average Class Size by Grade Group (Excluding Special Education).....	14
8	Average Class Size by Grade Group (Including Special Education).....	15
9	Elementary Average Class Size by Class Type.....	17
10	Elementary Maximum/Minimum Class Size by Class Type.....	19
11	Jr. Secondary Average Class Size by Class Type.....	22
12	Jr. Secondary Maximum/Minimum Class Size by Class Type.....	25
13	Sr. Secondary Average Class Size by Class Type.....	29
14	Sr. Secondary Maximum/Minimum Class Size by Class Type.....	32

## **REPORTS WITH TABLES**

## 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 2011-12 school year through the 2015-16 school year.

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

- For the third consecutive year, Kindergarten and 6<sup>th</sup> Grade class sizes decreased.
- This year 1<sup>st</sup> Grade reported a five-year-low class size.
- The average class size consistently increases by grade level.

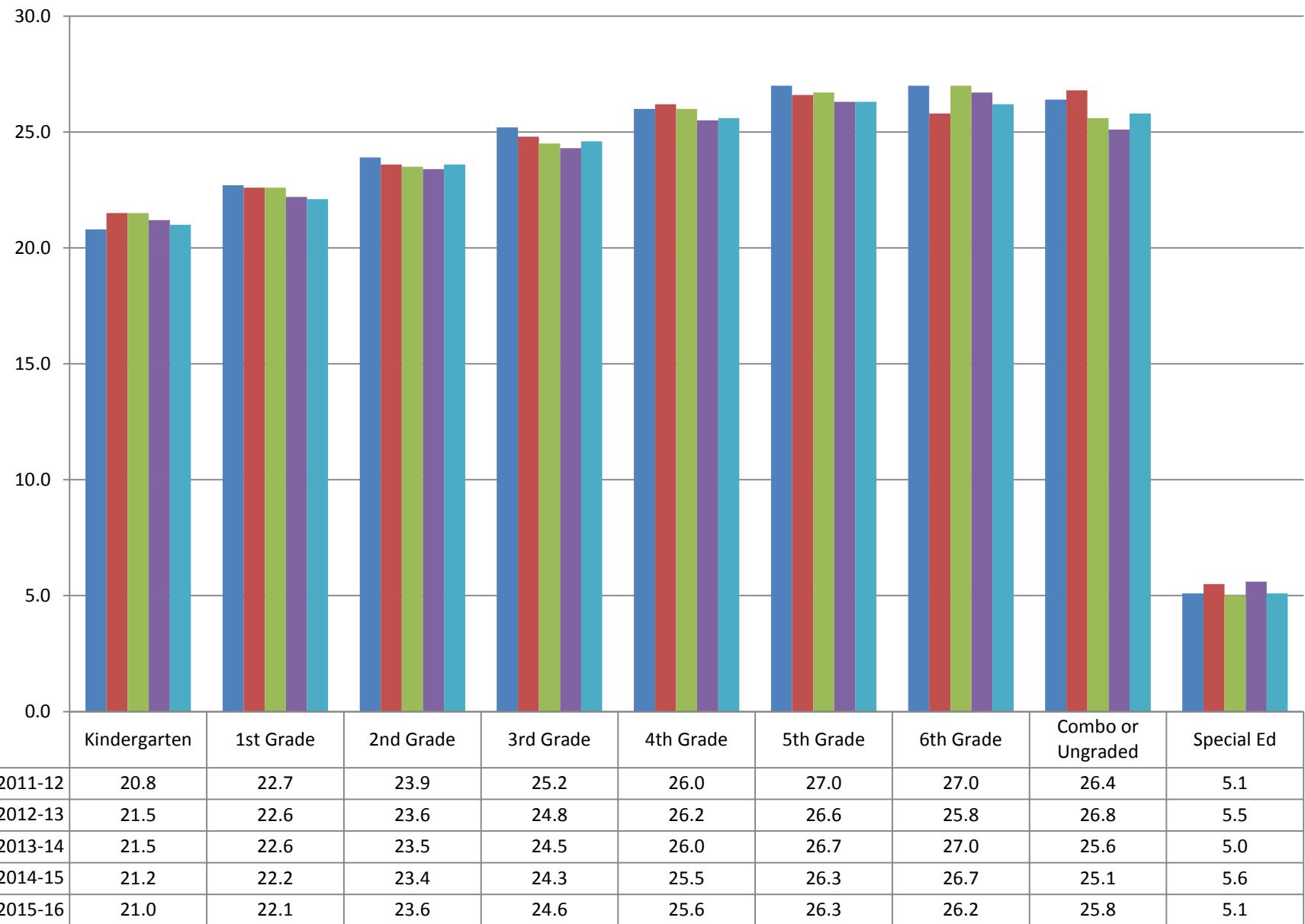
Table 2 (page 9) reports the average Jr. Secondary class sizes for each year by class type. The following trends were observed:

- For the third consecutive year, FACS class size increased.
- For the third consecutive year, Interdisciplinary Courses class size decreased.
- This year Business Ed/Marketing reported a five-year-high class size.
- This year Math, Tech Ed/Computer Science, and World Languages reported five-year-low class sizes.
- Of the core subjects, Language Arts/English and Math are consistently lower in class size than Science and Social Studies. The same is true for the Sr. Secondary class size data.

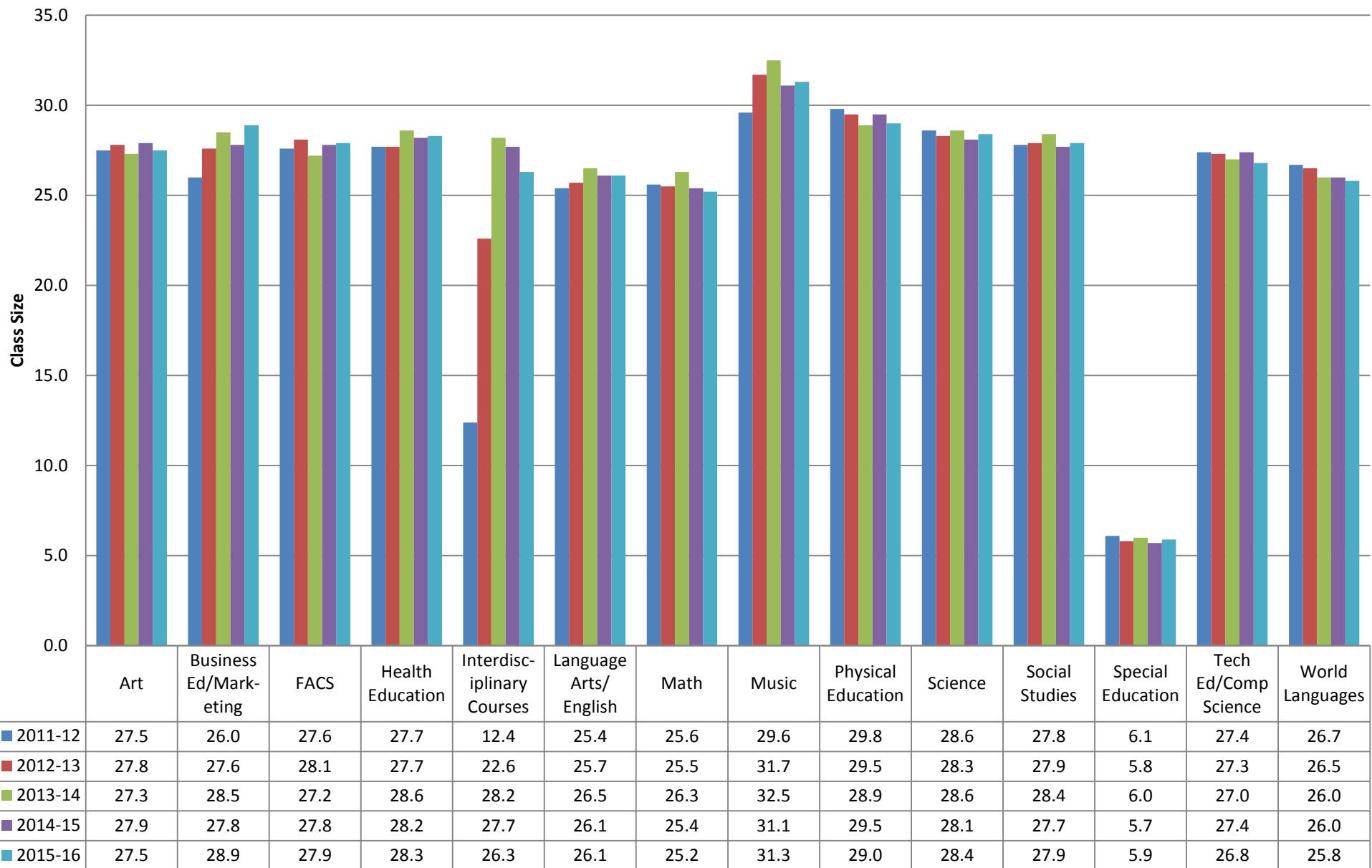
Table 3 (page 10) reports the average Sr. Secondary class sizes for each year by class type. The following trends were observed:

- For the third consecutive year, Art, Music, and Science class sizes decreased.
- For the third consecutive year, FACS and Technology Ed/Computer Science class sizes increased.
- This year Business Ed/Marketing reported a five-year-high class size.
- This year Social Studies reported a five-year-low class size.
- Of the core subjects, Language Arts/English and Math are consistently lower in class size than Science and Social Studies. The same is true for the Jr. Secondary class size data.

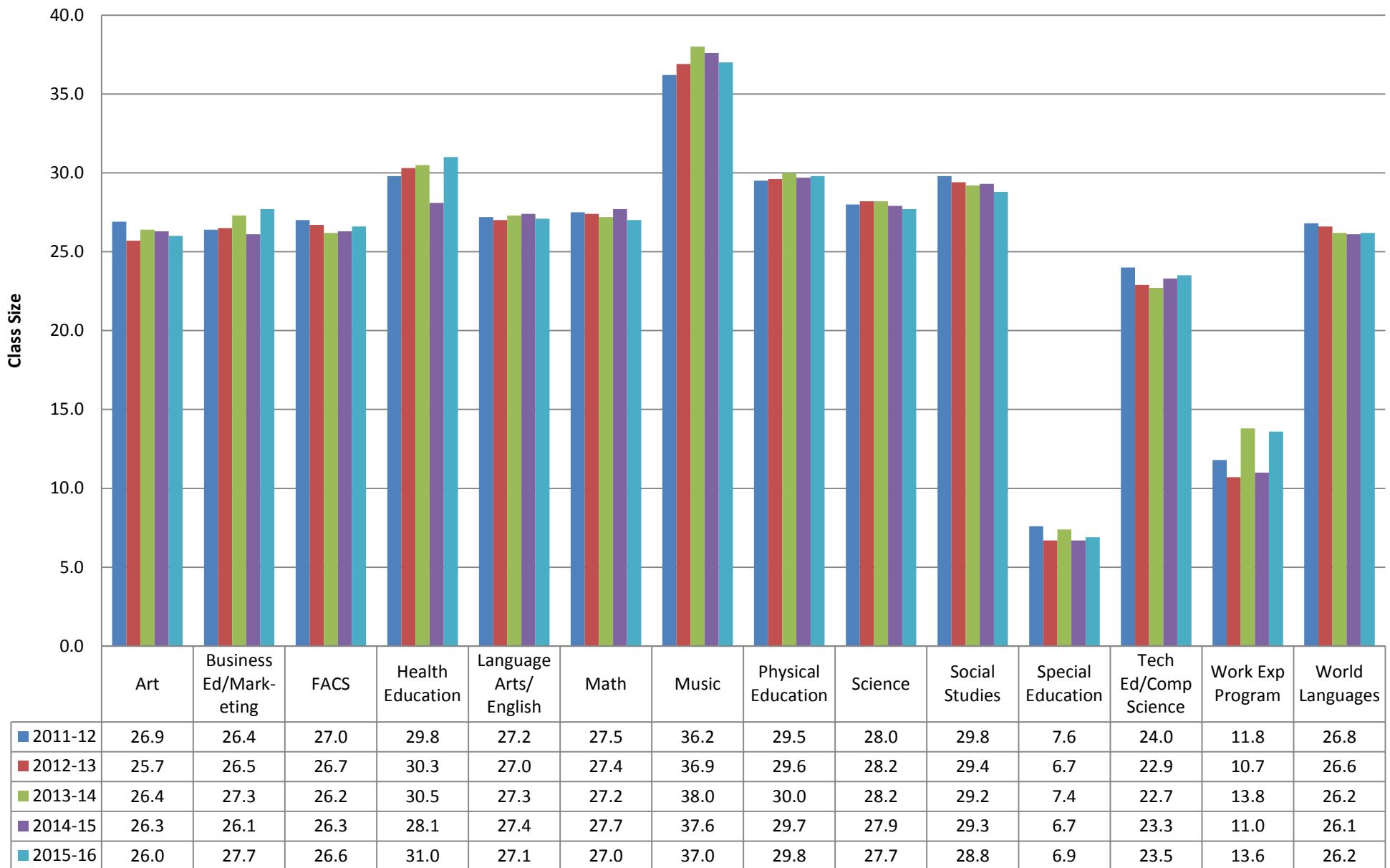
**Table 1. Elementary Regionwide Class Size Trends**



**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**

<b>Elementary</b>			
<b>Class Type</b>	<b>Avg.</b>	<b>Min.</b>	<b>Max.</b>
Kindergarten	21.0	8	29
Grade 1	22.1	12	30
Grade 2	23.6	14	32
Grade 3	24.6	14	32
Grade 4	25.6	10	36
Grade 5	26.3	9	36
Grade 6	26.2	17	34
Combo or Ungraded	25.8	14	34
Special Education	5.1	1	14

<b>Jr Secondary</b>			
<b>Class Type</b>	<b>Avg.</b>	<b>Min.</b>	<b>Max.</b>
Art	27.5	8	38
Business Ed/Marketing	28.9	18	35
Family & Consumer Science	27.9	11	39
Health Education	28.3	6	45
Interdisciplinary Courses	26.3	9	36
Language Arts/English	26.1	3	41
Math	25.2	2	41
Music	31.3	4	105
Physical Education	29.0	5	53
Science	28.4	7	40
Social Studies	27.9	6	39
Special Education	5.9	1	20
Technology Ed/Computer Science	26.8	8	37
World Languages	25.8	7	41

<b>Sr Secondary</b>			
<b>Class Type</b>	<b>Avg.</b>	<b>Min.</b>	<b>Max.</b>
Art	26.0	3	41
Business Ed/Marketing	27.7	3	46
Family & Consumer Science	26.6	6	39
Health Education	31.0	7	39
Language Arts/English	27.1	4	43
Math	27.0	2	42
Music	37.0	2	212
Physical Education	29.8	4	46
Science	27.7	3	52
Social Studies	28.8	2	42
Special Education	6.9	1	24
Technology Ed/Computer Science	23.5	3	39
Work Experience Program	13.6	1	36
World Languages	26.2	3	49

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

	Avg.	Min.	Max.
<b>Elementary</b>	23.8	8	36
<b>Jr Secondary</b>	27.5	2	105
<b>Sr Secondary</b>	27.7	1	212

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

	Avg.	Min.	Max.
<b>Elementary</b>	23.3	1	36
<b>Jr. Secondary</b>	25.3	1	105
<b>Sr. Secondary</b>	25.5	1	212

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

<b>Elementary</b>		<b>Jr Secondary</b>		<b>Sr Secondary</b>		<b>Jr &amp; Sr Secondary</b>		<b>K-12</b>	
<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>
277	21.41	271	23.33	1	22.48	1	23.17	1	23.27
271	21.76	1	24.29	111	22.80	111	23.90	111	23.68
276	21.85	717	24.78	716	23.13	716	24.35	716	24.05
721	22.00	625	24.85	138	23.29	138	24.76	138	24.67
111	22.15	283	25.05	110	24.19	717	24.90	717	24.77
200	22.50	197	25.15	717	25.06	271	25.34	271	24.86
716	22.62	111	25.53	278	25.53	625	25.83	625	25.60
624	22.64	281	25.87	832	25.64	832	25.95	283	25.82
14	22.85	280	25.94	720	26.48	283	26.13	280	25.85
281	23.03	832	26.31	282	26.58	110	26.44	832	25.89
13	23.13	270	26.33	625	26.65	280	26.45	281	26.12
720	23.23	622	26.59	280	26.87	281	26.58	110	26.19
719	23.24	13	26.86	721	27.34	197	26.73	720	26.23
717	23.34	138	26.89	281	27.43	720	26.82	197	26.35
280	23.39	716	26.97	283	27.44	278	27.12	276	26.38
197	23.45	720	27.11	276	27.49	282	27.22	278	26.70
278	23.48	276	27.16	277	27.54	276	27.32	624	26.77
279	23.53	273	27.21	624	27.55	270	27.43	270	26.84
283	23.63	624	27.45	271	27.99	624	27.50	282	26.88
1	23.66	623	28.09	200	28.13	273	27.84	721	27.44
272	23.70	200	28.12	12	28.72	200	28.12	13	27.50
138	23.83	282	28.15	272	28.82	622	28.17	273	27.52
831	23.99	831	28.34	14	28.94	13	28.34	277	27.59
282	24.00	110	28.48	197	29.08	277	28.35	200	27.61
270	24.16	719	28.81	273	29.17	721	28.36	622	27.73
625	24.31	272	28.96	831	29.20	272	28.88	272	27.79
110	24.36	192	29.23	622	29.54	831	28.89	623	28.12
11	24.41	278	29.25	719	29.58	623	29.14	831	28.34
12	24.41	277	29.34	13	29.60	719	29.21	719	28.35
623	24.74	721	29.75	270	29.71	279	30.04	279	29.04
622	24.85	279	30.18	279	29.94	192	30.32	192	29.40
273	24.98	194	30.90	623	29.97	12	30.47	12	29.53
194	24.99	11	30.95	11	30.64	14	30.48	14	29.65
834	25.03	834	31.45	834	30.98	11	30.81	11	29.72
832	25.37	14	31.67	192	31.23	834	31.23	834	30.15
192	25.54	12	32.76	194	31.95	194	31.47	194	30.61
<b>Reg wide</b>	<b>23.79</b>	<b>Reg wide</b>	<b>27.45</b>	<b>Reg wide</b>	<b>27.65</b>	<b>Reg wide</b>	<b>27.55</b>	<b>Reg wide</b>	<b>26.98</b>

**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.
719	17.31	111	22.22	138	20.14	138	21.86	138	21.70
138	20.38	625	22.26	716	20.88	716	21.91	111	21.94
271	21.18	280	22.67	111	21.69	111	21.92	716	22.02
276	21.21	277	22.77	717	21.81	277	22.31	277	22.23
277	21.41	283	23.07	277	21.92	280	22.71	280	22.82
721	21.60	197	23.14	110	21.94	625	22.87	625	23.03
14	21.86	281	23.29	1	22.48	1	23.17	1	23.17
111	22.15	271	23.32	280	22.74	717	23.42	281	23.38
200	22.50	270	23.48	278	23.13	281	23.43	717	23.41
716	22.62	716	24.04	625	23.36	110	23.68	110	23.75
624	22.64	622	24.17	281	23.58	283	24.03	283	23.99
279	22.87	831	24.21	282	23.83	270	24.11	270	24.12
281	23.03	1	24.29	720	24.35	282	24.37	720	24.23
13	23.13	720	24.45	14	24.78	720	24.41	276	24.30
1	23.15	138	24.53	276	24.91	276	24.89	282	24.34
720	23.23	717	24.78	832	24.98	197	24.91	271	24.70
717	23.34	276	24.87	283	25.18	278	25.03	197	24.75
280	23.39	282	25.17	270	25.38	271	25.25	278	24.87
197	23.45	13	25.20	13	25.43	832	25.29	13	25.02
278	23.48	110	25.22	721	25.57	13	25.33	832	25.30
283	23.63	272	25.40	12	26.27	831	25.70	831	25.53
272	23.70	832	25.67	831	26.60	721	26.21	721	25.58
831	23.99	279	26.14	279	26.97	14	26.23	272	25.81
282	24.00	194	26.18	272	27.13	272	26.31	14	25.81
625	24.00	721	27.09	834	27.29	279	26.60	279	26.08
270	24.16	273	27.21	194	27.50	622	26.87	719	26.22
194	24.25	14	27.38	624	27.55	194	26.89	194	26.59
110	24.36	624	27.45	197	27.61	624	27.50	622	26.62
11	24.41	278	27.72	271	27.79	834	27.75	624	26.77
12	24.41	11	27.78	200	28.13	273	27.84	834	27.34
623	24.74	623	28.09	719	28.40	200	28.12	273	27.52
622	24.85	719	28.09	11	28.66	11	28.16	11	27.58
273	24.98	200	28.12	273	29.17	719	28.26	200	27.61
834	25.03	834	28.18	622	29.54	12	28.58	12	27.98
832	25.37	192	29.23	623	29.97	623	29.14	623	28.12
192	25.38	12	31.88	192	30.02	192	29.67	192	28.86
<b>Reg wide</b>	<b>23.32</b>	<b>Reg wide</b>	<b>25.29</b>	<b>Reg wide</b>	<b>25.54</b>	<b>Reg wide</b>	<b>25.42</b>	<b>Reg wide</b>	<b>25.12</b>

## **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, multi-age groups/combo grades, 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 5<sup>th</sup> 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**

<b>Kindergarten</b>		<b>Grade 1</b>		<b>Grade 2</b>		<b>Grade 3</b>		<b>Grade 4</b>	
<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>
717	18.17	272	18.86	276	19.78	13	20.67	111	22.40
282	18.50	277	19.00	721	20.60	277	22.38	270	22.68
721	18.56	716	19.50	271	21.45	111	22.40	271	22.74
272	18.58	276	19.93	14	21.45	282	22.80	277	22.75
716	18.75	721	20.43	111	21.80	1	22.99	624	23.38
271	19.03	271	20.70	283	22.18	276	23.06	283	23.47
200	19.07	138	20.89	278	22.40	271	23.27	281	23.65
719	19.76	623	20.89	1	22.40	721	23.31	720	23.70
277	19.88	831	20.89	138	22.44	720	23.36	280	23.81
11	19.91	13	21.09	200	22.50	280	23.38	276	24.16
197	20.00	194	21.19	720	22.50	719	23.48	716	24.20
832	20.00	200	21.43	282	22.80	281	23.55	14	24.44
12	20.04	719	21.58	831	22.90	138	23.89	279	24.78
624	20.13	11	21.60	13	22.92	278	24.38	197	25.00
623	20.18	624	21.87	717	23.17	625	24.39	200	25.00
111	20.29	279	21.91	281	23.28	624	24.56	1	25.44
276	20.32	111	22.00	277	23.29	834	24.58	273	25.59
192	20.42	720	22.00	279	23.29	717	24.80	625	25.61
278	20.44	12	22.05	624	23.50	200	24.85	719	25.78
831	20.47	281	22.19	197	23.61	273	24.91	110	25.83
720	20.69	1	22.22	280	23.63	270	25.00	278	25.88
14	21.10	14	22.56	716	24.00	831	25.06	721	25.92
279	21.18	282	22.60	12	24.10	622	25.07	831	26.18
13	21.33	110	22.75	625	24.23	283	25.20	717	26.67
281	21.55	280	22.76	719	24.35	14	25.22	832	26.67
834	21.74	834	22.83	273	24.59	110	25.23	11	27.11
280	21.88	278	22.83	622	24.61	279	25.25	194	27.13
1	22.11	622	22.87	834	24.67	832	25.78	272	27.33
622	22.19	270	23.25	194	24.69	716	25.80	623	28.00
110	22.23	273	23.39	11	25.01	272	25.88	834	28.13
283	22.31	192	23.45	623	25.04	197	26.00	138	28.25
625	22.32	197	23.72	270	25.25	194	26.25	622	28.25
273	22.32	625	23.80	272	25.46	623	26.32	12	28.38
138	22.78	283	24.13	110	26.00	11	26.70	192	28.89
194	23.07	717	24.17	192	26.16	192	26.74	13	29.11
270	23.48	832	25.13	832	27.75	12	27.61	282	30.75
<b>Reg wide</b>	<b>21.00</b>	<b>Reg wide</b>	<b>22.05</b>	<b>Reg wide</b>	<b>23.61</b>	<b>Reg wide</b>	<b>24.60</b>	<b>Reg wide</b>	<b>25.64</b>

**Table 9. Elementary Average Class Size by Class Type**

<b>Grade 5</b>		<b>Grade 6</b>		<b>Combo or Ungraded</b>	<b>Special Education</b>		
<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>
716	22.80	270	23.65	13	14.00	194	2.33
624	23.12	831	25.11	831	20.00	719	3.08
271	23.71	716	26.20	624	21.00	276	3.13
281	24.22	834	27.00	276	21.14	192	4.00
276	24.33	623	27.14	271	22.00	138	4.09
721	24.62	272	27.64	278	23.40	14	6.00
278	24.67	<b>Reg wide 26.18</b>		622	24.38	271	6.00
111	24.80			834	25.06	625	6.15
283	24.86			625	25.31	279	6.75
138	25.38			719	26.40	1	8.86
280	25.38			623	26.50	721	10.67
625	25.42			192	26.60	<b>Reg wide 5.14</b>	
279	25.73			1	27.74		
719	26.11			273	28.08		
270	26.18			<b>Reg wide 25.76</b>			
13	26.30						
1	26.42						
12	26.53						
832	26.56						
272	27.36						
622	27.65						
273	27.70						
720	27.79						
11	27.84						
834	28.00						
194	28.04						
831	28.17						
623	28.21						
192	28.68						
282	30.25						
<b>Reg wide 26.26</b>							

**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	19	17	716	20	19	111	22	21	111	23	22	111	23	22
282	20	14	272	21	16	138	23	22	277	23	21	277	24	21
716	20	15	277	21	17	14	23	19	13	24	19	270	25	16
832	20	20	138	22	18	278	23	22	282	24	22	14	26	22
200	21	18	111	23	21	721	23	18	721	24	22	197	26	23
278	21	20	13	23	18	282	24	22	138	25	23	716	26	23
721	21	15	282	23	22	716	24	24	717	25	24	720	26	22
111	22	19	721	23	17	717	24	22	200	26	22	110	27	24
272	22	16	110	24	21	200	25	20	278	26	21	200	27	20
277	22	17	14	24	21	271	25	18	280	26	19	271	27	15
624	22	15	194	24	14	276	25	16	716	26	25	278	27	25
11	23	16	200	24	18	720	25	20	720	26	18	283	27	21
110	23	21	276	24	15	197	26	21	110	27	22	624	27	16
12	23	17	278	24	22	277	26	21	271	27	19	717	27	26
14	23	19	720	24	20	719	26	23	273	27	23	719	27	24
192	23	17	11	25	17	110	27	25	281	27	19	832	27	26
283	23	21	12	25	17	12	27	22	719	27	21	273	28	23
719	23	16	624	25	17	13	27	20	832	27	24	280	28	19
720	23	18	717	25	24	283	27	18	14	28	21	721	28	24
13	24	19	719	25	17	624	27	18	276	28	16	138	29	26
138	24	21	192	26	20	1	28	14	624	28	19	276	29	10
197	24	11	197	26	22	194	28	20	197	29	23	281	29	20
271	24	14	280	26	19	273	28	22	270	29	20	279	30	14
276	24	15	281	26	19	280	28	21	272	29	23	272	31	22
194	25	21	622	26	18	281	28	20	279	29	16	282	31	30
273	25	21	623	26	15	831	28	17	283	29	23	13	32	27
622	25	18	831	26	14	832	28	27	834	29	19	192	32	25
623	25	16	832	26	24	834	28	19	194	30	19	194	32	21
834	25	15	834	26	20	192	29	24	625	30	17	623	32	21
280	26	18	279	27	16	272	29	21	192	31	22	834	32	25
281	26	17	283	27	21	279	29	15	1	32	14	11	33	19
831	26	16	270	28	19	623	29	17	11	32	21	12	33	23
279	27	10	273	28	20	625	29	15	12	32	22	622	33	25
270	28	19	271	29	14	11	30	18	622	32	20	625	33	15
625	28	16	625	29	12	622	30	20	623	32	21	831	34	17
1	29	8	1	30	13	270	32	19	831	32	20	1	36	13
Reg wide	29	8	Reg wide	30	12	Reg wide	32	14	Reg wide	32	14	Reg wide	36	10

**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
716	23	22	716	27	26	13	14	14	192	4	4
138	26	24	270	28	18	831	20	20	194	4	1
111	27	24	272	31	24	624	21	21	276	7	2
278	27	21	831	31	17	271	23	21	719	7	1
271	28	19	834	32	22	278	24	23	14	8	4
276	28	9	623	34	21	192	27	26	271	8	3
281	28	20	<b>Reg wide 34 17</b>			276	27	18	279	8	4
283	28	23				719	27	26	625	9	2
832	28	26				622	28	22	138	10	1
270	29	23				273	30	26	721	12	9
280	29	22				623	30	22	1	14	5
624	29	17				625	30	15	<b>Reg wide 14 1</b>		
721	29	21				834	31	18			
13	30	24				1	34	19			
273	30	25				<b>Reg wide 34 14</b>					
720	30	24									
12	31	20									
194	31	24									
272	31	24									
282	31	30									
623	32	24									
719	32	22									
11	33	20									
192	33	24									
625	33	13									
831	33	13									
834	33	22									
1	34	15									
279	34	15									
622	36	20									
<b>Reg wide 36 9</b>											

## **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 Business Ed/Marketing, Health Education, Music, Physical Education, and Science.
- 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.
111	19.50	831	27.00	717	21.83	138	18.13	111	10.00
197	20.80	625	27.93	282	23.50	717	22.36	719	10.50
138	21.50	1	31.00	720	24.29	271	25.07	192	29.22
717	23.09	719	31.78	831	24.31	625	25.28	277	29.85
624	25.05	720	33.00	110	24.50	200	26.00	14	29.86
273	25.12	<b>Reg wide 28.95</b>		273	24.71	832	26.75	<b>Reg wide 26.32</b>	
110	25.50			625	24.93	624	26.94		
13	25.67			270	25.40	280	27.83		
271	25.81			624	25.53	111	28.00		
720	25.86			197	25.75	192	28.00		
625	26.06			832	26.00	273	28.00		
200	26.06			281	26.38	276	28.00		
1	26.19			622	26.93	834	28.20		
283	26.50			200	27.00	272	28.60		
194	26.71			623	27.00	719	28.71		
282	26.80			271	28.17	623	29.00		
270	26.88			276	28.30	716	29.00		
281	26.90			194	28.56	270	29.11		
832	27.25			279	29.50	720	29.20		
276	27.83			716	29.50	622	29.52		
12	28.09			192	30.10	281	29.60		
278	28.38			12	30.27	279	29.74		
623	28.38			719	30.28	831	30.00		
721	28.67			11	31.48	11	30.18		
831	28.71			<b>Reg wide 27.93</b>		721	30.70		
622	28.73					110	32.08		
279	28.77					14	33.41		
272	29.40					13	33.50		
719	29.40					12	35.40		
277	29.43					<b>Reg wide 28.30</b>			
834	29.94								
280	30.83								
192	30.88								
11	31.80								
716	32.00								
14	33.25								
<b>Reg wide 27.53</b>									

**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.
271	20.50	271	19.80	623	23.29	717	23.00	271	23.74
283	21.04	283	19.96	625	23.87	1	23.86	717	25.50
622	21.65	1	20.47	720	25.41	197	25.63	1	25.69
280	22.31	716	20.92	281	25.59	270	25.69	716	25.89
13	22.89	625	21.87	197	25.83	832	25.97	281	25.91
192	23.38	111	22.30	277	26.14	271	26.17	625	26.27
197	23.80	13	22.43	110	26.33	273	26.70	270	26.33
716	24.00	280	22.60	832	26.65	276	27.04	832	27.26
1	24.04	281	23.72	283	27.14	720	27.24	280	27.37
111	24.06	622	23.82	271	27.18	272	27.47	200	27.40
625	24.25	282	23.83	111	27.62	110	28.26	197	27.55
281	24.51	717	24.04	276	28.26	280	28.42	622	27.63
270	24.75	832	24.24	622	29.26	624	28.63	624	27.86
717	24.97	273	25.07	1	30.20	716	29.25	111	27.89
138	25.36	623	25.16	279	30.23	719	29.30	276	27.91
273	26.35	197	25.41	624	30.95	111	29.31	273	28.03
832	26.70	721	25.56	719	31.20	625	29.38	278	28.13
200	26.80	138	25.59	270	31.96	283	29.39	720	28.19
831	26.87	270	25.66	200	32.45	281	29.67	282	28.33
624	27.07	200	26.10	272	33.30	721	30.00	283	28.34
278	27.25	277	26.50	11	34.11	282	30.15	13	28.39
272	27.34	272	26.89	273	34.41	194	30.30	719	28.63
276	27.42	192	27.19	138	34.72	623	30.57	110	28.83
282	27.60	720	27.22	834	35.06	138	30.58	831	29.06
720	27.98	278	27.29	280	35.89	192	30.61	721	29.09
623	28.00	276	27.49	831	36.23	200	30.70	623	29.21
721	28.53	831	27.78	14	39.33	13	30.75	138	29.50
110	28.73	719	28.22	192	39.35	279	30.89	192	29.89
194	29.23	194	28.39	12	41.22	622	31.15	272	30.20
719	29.33	110	28.63	282	41.63	277	31.47	11	30.88
14	29.75	624	28.64	716	44.80	834	31.69	277	31.00
279	29.90	11	28.65	13	46.14	11	32.70	279	31.59
277	30.16	279	29.25	717	48.78	831	33.21	194	31.63
11	30.57	834	30.79	194	50.00	14	33.85	834	32.44
834	31.06	14	30.83	721	70.71	12	34.04	14	33.27
12	33.16	12	32.19	278	77.83	278	36.50	12	34.20
<b>Reg wide</b>	<b>26.10</b>	<b>Reg wide</b>	<b>25.23</b>	<b>Reg wide</b>	<b>31.30</b>	<b>Reg wide</b>	<b>28.96</b>	<b>Reg wide</b>	<b>28.39</b>

**Table 11. Jr Secondary Average Class Size by Class Type**

<b>Social Studies</b>		<b>Special Education</b>		<b>Technology Ed/Computer Science</b>		<b>World Languages</b>	
<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>
271	21.78	278	2.50	197	19.25	717	17.20
717	22.48	197	2.61	13	19.60	138	18.17
111	24.63	111	3.53	625	21.63	278	20.97
1	25.22	277	3.98	138	22.00	13	23.50
281	25.74	282	4.07	831	23.30	1	23.59
716	25.78	721	4.17	717	23.38	625	23.74
276	25.99	110	4.57	110	24.00	276	23.85
625	26.46	831	4.62	720	24.26	624	24.05
622	26.63	194	4.88	282	24.60	270	24.56
282	26.87	279	4.95	1	25.41	14	25.00
831	26.88	834	5.46	270	25.50	282	25.56
197	26.88	283	5.60	273	25.57	197	25.57
273	27.03	272	5.62	622	25.65	271	25.62
832	27.13	276	5.82	276	25.80	281	25.79
13	27.52	281	5.96	200	26.47	283	25.79
200	27.56	720	5.97	832	26.50	192	26.55
280	27.61	138	6.21	271	26.75	273	26.64
278	27.71	625	6.23	624	26.92	832	26.75
624	27.71	280	6.33	283	27.14	720	26.81
283	27.83	832	6.43	278	27.25	716	27.00
270	28.09	270	6.63	111	27.29	279	27.32
721	28.47	14	6.74	280	27.33	831	27.39
623	28.72	11	7.09	623	27.45	272	27.73
720	28.86	622	7.75	721	27.50	280	27.83
110	29.10	716	8.36	277	28.21	721	27.83
719	29.18	719	9.00	834	28.23	623	28.18
138	29.40	13	9.47	281	28.43	719	28.38
272	29.65	12	9.82	279	28.89	110	28.90
194	30.09	271	10.00	272	29.00	622	29.29
192	30.50	<b>Reg wide</b> <b>5.91</b>		716	29.50	11	31.04
11	30.79			194	29.67	834	31.07
277	31.23			192	30.07	12	31.07
279	31.60			14	30.14	<b>Reg wide</b> <b>25.85</b>	
12	31.60			11	30.78		
834	32.22			12	32.13		
14	32.29			<b>Reg wide</b> <b>26.84</b>			
<b>Reg wide</b> <b>27.90</b>							

**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
111	21	18	1	31	31	717	27	17	138	21	14	111	10	10
138	24	18	831	31	19	282	28	19	832	28	25	719	12	9
717	28	17	719	33	31	110	29	18	200	29	22	14	31	28
194	30	24	720	33	33	197	29	21	717	30	17	277	35	22
197	30	11	625	35	18	831	30	14	111	31	22	192	36	9
282	30	22	<b>Reg wide 35 18</b>			832	30	23	272	31	21	<b>Reg wide 36 9</b>		
832	30	23				273	31	12	276	31	22			
110	31	19				281	31	20	716	31	27			
278	31	26				192	32	25	720	31	25			
283	31	16				200	32	22	281	32	27			
200	32	20				623	32	11	270	33	21			
270	32	14				716	32	27	280	33	22			
277	32	25				270	33	17	719	33	24			
716	32	32				271	33	19	273	34	18			
720	32	11				719	33	20	623	34	23			
272	33	26				720	33	15	721	34	28			
281	33	13				194	34	23	831	34	23			
624	33	16				276	34	17	11	35	21			
721	33	25				624	34	18	110	35	30			
273	34	13				625	34	13	271	35	15			
276	34	19				622	35	17	624	35	23			
622	34	19				12	36	19	12	36	35			
719	34	23				279	38	14	14	36	30			
831	34	24				11	39	17	192	36	14			
11	35	20				<b>Reg wide 39 11</b>			834	36	24			
13	35	11							13	38	21			
271	35	14							625	40	6			
280	35	25							279	41	15			
623	35	16							622	45	22			
834	35	21							<b>Reg wide 45 6</b>					
1	36	10												
12	36	14												
192	36	24												
14	37	29												
279	38	9												
625	38	8												
<b>Reg wide 38 8</b>														

**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
280	30	12	282	31	10	623	29	18	716	32	27	282	30	22
282	30	24	717	31	14	832	35	20	270	33	16	832	31	19
278	31	21	721	31	4	110	37	15	272	33	19	111	32	20
716	31	11	832	31	9	283	38	17	717	33	12	278	32	23
111	32	15	277	32	19	277	39	8	110	34	20	716	32	19
138	32	16	280	32	13	270	42	19	283	34	23	717	32	14
283	32	3	716	32	11	281	42	8	721	34	13	138	33	24
720	32	22	110	33	25	197	45	10	280	35	22	197	33	16
1	33	5	197	33	9	720	47	12	832	35	19	270	33	14
110	33	24	270	33	12	271	48	11	12	36	31	280	33	19
272	33	19	272	33	15	622	52	19	138	36	26	283	33	20
273	33	14	278	33	22	719	52	17	277	36	27	623	33	17
622	33	4	283	33	7	111	53	12	282	36	25	110	34	22
717	33	16	623	33	12	272	54	15	719	36	17	272	34	22
832	33	20	111	34	2	276	55	12	111	37	14	273	34	21
197	34	10	281	34	9	834	55	12	197	37	16	719	34	19
270	34	12	720	34	5	11	56	11	273	37	18	720	34	19
271	34	10	138	35	12	1	57	5	276	37	12	721	34	21
276	34	20	622	35	5	138	59	14	192	38	25	276	35	16
281	34	12	831	35	13	14	59	20	271	38	15	277	35	25
624	34	16	13	36	11	273	60	16	624	38	14	281	35	15
721	34	24	192	36	3	12	62	19	14	39	28	622	35	13
13	35	11	276	36	17	13	63	28	278	39	34	624	35	12
277	35	24	624	36	18	279	64	11	831	40	22	11	36	21
623	35	15	719	36	17	192	65	14	11	41	14	13	36	12
719	35	21	11	37	12	282	67	31	281	41	20	14	36	27
12	36	28	12	37	25	624	67	19	623	41	19	192	36	22
192	36	5	271	37	10	831	69	15	200	43	12	200	36	15
831	36	6	273	37	14	200	71	4	834	43	10	271	36	15
14	37	22	625	37	3	717	71	10	622	44	15	831	36	16
194	37	16	1	38	5	280	73	13	13	45	21	1	37	7
11	38	23	14	38	25	716	75	24	279	46	17	12	37	29
834	38	19	834	38	14	625	76	4	625	46	9	834	38	20
625	39	3	194	41	6	194	94	13	194	51	15	194	39	21
200	40	17	200	41	15	278	94	60	1	53	5	279	39	12
279	41	11	279	41	14	721	105	58	720	53	11	625	40	11
<b>Reg wide</b>	<b>41</b>	<b>3</b>	<b>Reg wide</b>	<b>41</b>	<b>2</b>	<b>Reg wide</b>	<b>105</b>	<b>4</b>	<b>Reg wide</b>	<b>53</b>	<b>5</b>	<b>Reg wide</b>	<b>40</b>	<b>7</b>

**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
111	30	14	278	5	1	197	27	10	138	22	17
282	31	22	282	7	2	282	27	21	717	22	12
278	32	20	197	8	1	13	29	13	278	25	14
283	32	18	721	8	1	278	29	24	716	27	27
716	32	20	832	8	5	720	30	16	832	29	23
831	32	15	110	10	1	831	30	15	197	30	22
832	32	23	271	10	10	111	31	24	13	31	16
138	33	21	270	11	1	138	31	17	192	31	18
197	33	19	272	11	2	276	31	17	282	31	18
717	33	10	280	11	2	721	31	22	721	31	22
110	34	26	283	11	1	832	31	24	272	32	20
270	34	13	720	11	1	110	32	20	280	32	20
271	34	13	194	12	1	194	32	25	14	33	13
272	34	20	277	12	1	200	32	23	270	33	10
273	34	16	716	12	4	271	32	16	276	33	9
280	34	18	834	12	1	272	32	26	110	34	23
281	34	11	12	14	2	273	32	17	271	34	15
623	34	21	719	14	2	277	32	13	281	34	14
720	34	18	831	14	1	283	32	21	283	34	18
721	34	23	13	15	4	716	32	27	624	34	9
11	35	23	138	15	1	192	33	27	831	34	10
13	35	12	276	15	2	270	33	13	273	35	16
192	35	22	111	16	1	280	33	21	622	35	19
276	35	10	14	16	1	281	33	20	623	35	13
277	35	26	625	16	1	717	33	12	719	35	19
719	35	20	11	18	1	14	34	23	11	36	24
200	36	21	279	18	1	625	34	8	12	36	24
622	36	17	622	18	1	1	35	10	720	36	11
624	36	19	281	20	1	622	35	17	834	37	18
1	37	6	<b>Reg wide 20 1</b>			623	35	23	1	39	7
12	37	25				624	35	18	625	40	9
14	38	27				11	36	23	279	41	14
194	38	19				12	36	24	<b>Reg wide 41 7</b>		
279	38	16				279	37	11			
625	39	7				834	37	16			
834	39	21				<b>Reg wide 37 8</b>					
<b>Reg wide</b>	<b>39</b>	<b>6</b>									

## **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 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 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.
111	14.50	832	18.00	138	19.44	111	21.00	1	21.61
717	19.20	280	18.75	281	20.60	138	22.86	138	21.71
716	20.25	625	19.47	200	20.67	283	24.50	111	22.56
1	20.93	200	21.60	270	20.80	273	26.00	110	23.00
282	22.44	716	21.80	717	21.00	717	26.00	716	23.14
110	22.75	283	23.43	832	21.00	832	26.50	717	23.21
200	23.00	273	23.54	110	21.25	110	26.75	832	25.43
138	23.17	138	23.85	111	21.71	277	26.83	282	25.68
277	23.33	276	24.33	716	22.00	624	27.32	278	25.76
270	23.44	720	24.93	720	23.00	721	27.71	625	25.88
271	24.24	278	25.08	197	23.17	272	28.50	720	25.99
278	24.36	281	25.60	276	24.00	625	30.33	624	26.17
720	24.64	110	26.67	721	24.08	270	30.33	276	26.35
832	24.73	192	26.67	282	24.33	282	30.33	272	26.47
283	24.78	277	27.00	273	24.43	281	30.63	12	26.86
279	25.46	717	27.29	194	24.55	716	31.00	281	27.11
281	25.57	624	27.40	719	25.78	720	31.00	283	27.19
280	25.88	272	27.89	622	25.95	271	31.38	280	27.59
273	25.89	271	28.00	271	26.07	194	31.46	721	27.60
721	25.90	622	28.45	625	26.35	623	31.50	14	27.76
276	26.52	721	29.21	831	26.41	280	31.75	13	27.83
622	27.70	111	29.29	280	26.43	622	31.75	271	27.85
272	28.38	270	29.63	12	27.50	197	31.83	200	27.89
625	28.46	197	29.67	279	27.77	831	32.94	277	27.94
624	29.20	12	30.00	272	28.00	719	33.10	279	28.25
13	29.21	623	30.14	192	29.80	12	33.57	719	28.72
719	29.53	719	30.30	14	30.75	11	34.03	273	28.75
11	29.63	14	30.80	623	31.08	279	34.84	270	29.23
831	29.80	194	30.93	624	31.14	200	35.27	197	29.25
194	29.90	11	30.96	11	31.73	13	36.33	622	29.88
192	30.00	279	31.19	13	36.00	834	37.50	834	29.92
14	30.22	831	31.72	<b>Reg wide 26.58</b>		<b>Reg wide 31.00</b>		192	30.09
623	30.78	13	32.17					623	30.24
197	31.25	834	36.43					194	30.87
12	31.77	<b>Reg wide 27.74</b>						831	31.77
834	31.93							11	32.04
<b>Reg wide 26.01</b>						<b>Reg wide 27.12</b>			

**Table 13. Sr Secondary Average Class Size by Class Type**

<b>Math</b>		<b>Music</b>		<b>Physical Education</b>		<b>Science</b>		<b>Social Studies</b>	
<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>	<b>Dist.</b>	<b>Avg.</b>
716	20.95	622	25.44	716	16.50	111	21.72	1	22.00
1	21.11	1	25.99	717	18.83	717	23.65	110	25.57
111	21.36	280	27.33	111	20.63	1	23.79	717	26.27
110	23.47	832	28.86	110	24.53	138	24.46	138	26.31
138	23.59	110	29.00	282	25.29	278	24.50	283	26.62
278	24.68	138	29.44	721	25.31	716	25.06	716	26.63
717	24.81	625	30.28	278	26.36	832	25.30	721	27.56
832	25.70	831	30.38	270	26.40	280	25.82	832	27.64
13	26.04	281	33.70	832	26.50	12	25.88	624	27.72
282	26.17	719	34.40	1	26.57	110	26.03	278	27.89
280	26.19	200	35.14	624	26.71	720	26.16	271	27.93
625	26.30	283	35.31	138	27.06	625	26.37	720	28.03
720	26.86	111	35.75	719	28.75	281	26.43	625	28.45
281	26.91	14	36.00	720	29.12	283	26.52	280	28.51
197	27.36	271	36.05	271	29.29	282	26.54	200	28.71
12	27.58	277	36.83	200	30.15	277	26.79	282	28.79
277	27.62	276	36.93	12	30.20	276	27.14	277	29.07
624	27.70	624	38.56	625	30.25	721	27.15	281	29.38
11	27.81	834	39.45	197	30.57	624	27.25	272	29.53
14	27.82	197	39.56	273	30.57	271	27.45	111	29.71
831	27.92	721	40.20	194	30.95	272	27.54	273	29.73
271	28.23	272	40.24	276	31.05	200	27.55	270	29.87
721	28.29	279	40.76	622	31.28	273	28.42	276	29.93
276	28.41	13	43.00	283	31.30	834	28.74	12	30.13
270	28.48	270	43.18	279	31.93	197	28.79	831	30.56
283	28.76	282	44.60	272	31.94	623	29.33	719	30.72
279	28.85	11	47.33	280	32.08	831	29.44	13	30.83
200	28.96	278	48.86	14	32.56	192	29.47	279	30.85
272	29.18	273	51.57	277	32.67	13	29.57	14	31.30
623	29.48	192	52.91	11	32.69	14	29.58	197	31.37
273	29.60	194	53.32	623	32.83	719	30.07	834	31.83
622	29.67	12	57.70	281	32.89	622	30.31	11	31.85
719	29.86	720	57.83	13	33.50	11	30.63	622	31.95
192	29.94	716	59.25	831	34.18	279	30.71	623	31.98
834	30.95	717	65.75	834	35.00	270	31.37	192	32.17
194	31.24	<b>Reg wide</b> <b>36.96</b>		192	38.40	194	33.12	194	32.98
<b>Reg wide</b>	<b>26.95</b>	<b>Reg wide</b> <b>29.81</b>		<b>Reg wide</b>	<b>27.65</b>	<b>Reg wide</b>	<b>28.78</b>		

**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	716	14.75	14	1.33	278	20.33
270	3.63	832	16.40	110	4.50	111	20.42
277	4.13	717	17.67	719	9.75	276	21.53
282	4.71	138	18.38	272	10.00	1	21.61
831	5.03	720	18.45	12	11.00	716	22.25
138	5.26	281	18.67	625	11.67	138	22.36
110	5.38	278	18.80	716	12.00	717	22.55
719	5.39	280	19.00	721	12.75	282	23.44
717	5.54	111	19.38	11	13.43	720	23.85
834	5.72	625	20.76	138	14.40	110	24.48
111	5.90	277	21.00	13	15.50	832	25.00
716	5.95	276	21.50	271	18.00	831	25.09
14	5.97	200	22.39	279	19.08	277	25.19
194	6.74	721	22.83	831	19.73	14	25.22
283	6.75	197	23.00	<b>Reg wide 13.55</b>		281	25.47
720	7.02	282	23.75			280	25.60
625	7.03	831	24.45			273	25.67
276	7.21	622	24.50			625	25.98
197	7.32	194	24.95			283	26.11
281	7.39	623	24.95			270	26.26
279	7.49	12	25.09			624	26.30
12	7.57	624	25.29			271	26.78
272	7.63	270	25.67			623	26.82
280	7.71	192	25.70			721	26.92
11	8.25	110	25.80			197	27.33
192	8.88	271	26.60			622	27.37
13	9.43	279	26.67			200	27.83
832	9.82	719	27.50			192	27.96
721	9.91	11	28.63			719	29.04
271	13.13	272	29.13			12	29.31
<b>Reg wide 6.89</b>		834	29.75			272	29.53
		13	29.91			279	29.85
		14	30.33			834	30.20
		283	30.88			194	30.29
<b>Reg wide 23.47</b>						11	30.52
						13	30.67
						<b>Reg wide 26.17</b>	

**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
111	20	9	832	21	15	717	21	21	111	25	17	111	29	7
717	21	14	280	25	16	716	22	22	717	26	26	110	31	10
110	29	18	200	28	14	200	23	17	277	30	23	138	31	12
200	29	15	717	29	27	111	25	11	283	30	19	12	32	18
138	30	15	276	30	14	832	25	17	273	31	21	272	32	17
273	30	21	720	30	13	197	26	20	716	31	31	278	32	11
716	30	11	110	31	21	110	27	17	721	31	21	276	33	18
721	30	16	271	31	25	276	27	13	832	32	16	717	33	10
283	31	18	273	31	13	281	27	13	110	33	18	720	33	6
832	31	14	716	31	9	138	28	8	138	33	10	832	33	10
270	32	11	272	32	20	270	28	14	272	33	16	200	34	14
272	32	23	278	32	12	282	29	19	280	33	29	273	34	17
720	32	10	283	32	13	272	30	24	623	33	30	280	35	15
280	33	14	623	32	29	273	31	18	624	34	19	716	35	11
197	34	26	719	32	27	280	31	18	720	34	24	14	36	17
282	34	5	721	32	18	721	31	16	12	35	30	197	36	16
622	34	3	197	33	27	719	32	11	282	35	26	270	36	19
12	35	23	138	34	12	720	32	13	197	36	28	281	36	10
13	35	20	281	34	6	12	34	18	270	36	21	721	36	5
14	35	11	624	34	16	14	34	27	271	36	26	1	37	4
271	35	11	625	34	3	194	34	14	281	36	19	271	37	11
276	35	12	12	36	26	622	34	11	719	36	29	277	37	10
279	35	3	14	36	23	192	35	23	200	37	29	282	37	10
11	36	11	270	36	19	271	35	18	831	37	24	623	37	14
277	36	10	277	36	11	279	36	8	13	38	35	624	37	11
281	36	18	13	37	25	625	36	6	194	38	24	831	37	20
623	36	22	192	37	12	11	37	19	279	38	28	13	38	14
624	36	22	831	37	18	13	38	34	11	39	26	192	38	16
719	36	18	834	38	33	623	38	27	622	39	11	279	38	10
834	36	20	11	39	22	624	38	19	625	39	7	11	39	15
278	37	6	279	39	21	831	39	8	834	39	36	622	39	7
831	37	11	111	40	9	<b>Reg wide 46 3</b>			<b>Reg wide 39 6</b>			<b>Reg wide 39 7</b>		
192	38	16	622	44	13							834	39	18
194	38	17	194	46	16							194	41	14
625	40	7	<b>Reg wide 46 3</b>									625	41	6
1	41	4										283	43	5
<b>Reg wide</b>	<b>41</b>	<b>3</b>										<b>Reg wide</b>	<b>43</b>	<b>4</b>

**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
110	30	11	280	44	9	717	25	13	111	29	4	138	31	6
717	31	19	138	45	11	716	28	4	717	29	14	717	33	16
278	32	15	277	47	17	111	29	16	110	30	14	832	33	13
276	33	16	111	48	24	721	31	10	138	30	11	110	34	13
716	33	13	13	48	37	278	32	18	272	31	16	200	34	19
832	33	8	622	51	5	832	32	20	278	32	10	276	34	18
111	34	14	719	51	16	110	33	18	280	33	15	721	34	10
272	34	18	271	57	13	282	34	8	720	33	12	271	35	10
720	34	15	281	58	10	138	35	12	721	33	9	277	35	19
624	35	12	278	59	41	719	35	16	832	33	9	278	35	15
12	36	12	276	61	7	270	36	18	200	34	15	283	35	2
200	36	16	110	64	10	272	36	25	282	34	12	716	35	10
270	36	15	14	64	14	273	36	21	12	35	18	720	35	10
277	36	19	283	65	18	276	36	21	14	35	14	14	36	16
279	36	9	624	65	14	13	37	28	276	35	10	272	36	13
280	36	14	270	69	23	624	37	9	281	35	8	624	36	13
282	36	12	834	69	17	720	37	17	283	35	3	719	36	20
283	36	19	721	71	6	12	38	11	197	36	18	111	37	23
721	36	10	832	71	8	14	38	18	270	36	13	12	37	14
831	36	2	831	72	5	271	38	14	271	36	11	270	37	12
13	37	13	272	73	21	834	38	31	273	36	15	280	37	13
138	37	4	197	75	12	197	39	21	277	36	11	623	37	18
273	37	20	12	76	36	200	39	20	623	36	9	1	38	4
281	37	7	282	76	20	279	39	14	624	36	9	11	38	21
719	37	17	716	79	34	283	39	15	716	36	13	13	38	16
11	38	9	717	80	43	622	39	13	719	36	17	197	38	16
192	38	14	192	84	17	1	40	4	834	36	19	834	38	18
197	38	16	11	86	15	11	40	18	13	37	20	279	39	12
623	38	15	200	88	13	280	40	27	279	37	7	282	39	11
194	39	12	279	91	2	281	40	21	1	39	4	831	39	13
834	39	20	1	101	4	623	40	19	11	39	8	192	40	15
14	40	17	720	101	28	831	40	23	192	39	14	273	40	17
271	40	10	273	102	19	277	41	18	622	39	12	281	40	16
622	40	5	625	123	6	194	42	19	194	41	14	622	40	15
625	41	3	194	212	8	625	45	12	831	41	12	194	42	15
1	42	4	<b>Reg wide 212</b>			192	46	24	625	52	8	625	42	6
<b>Reg wide</b>	<b>42</b>	<b>2</b>				<b>Reg wide</b>	<b>46</b>	<b>4</b>	<b>Reg wide</b>	<b>52</b>	<b>3</b>	<b>Reg wide</b>	<b>42</b>	<b>2</b>

**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
278	7	1	832	21	12	14	2	1	111	26	14
282	7	2	716	22	3	716	12	12	717	28	16
717	8	3	720	24	9	12	13	10	278	30	10
719	9	1	717	25	14	110	16	1	276	31	7
716	10	1	138	26	10	272	16	7	721	32	16
270	11	1	278	26	7	625	20	3	832	32	14
110	12	1	280	26	10	271	21	15	720	33	13
194	12	1	277	27	11	721	21	3	110	34	12
111	13	2	281	27	9	13	22	3	138	34	11
138	13	1	719	28	27	719	24	2	270	34	15
14	13	1	721	28	15	831	26	16	272	34	22
276	13	4	110	29	19	138	31	3	277	34	14
283	13	1	111	30	11	11	34	1	12	35	15
12	14	1	197	31	17	279	36	5	14	35	11
197	14	2	272	31	27	<b>Reg wide</b>	<b>36</b>	<b>1</b>	200	35	22
277	14	1	276	31	11				273	35	16
272	15	4	282	31	13				280	35	11
831	15	1	831	32	11				282	35	3
834	15	1	12	33	20				716	35	13
280	16	2	14	33	27				624	36	11
281	16	1	624	33	14				719	36	18
832	16	4	200	34	12				192	37	14
625	17	1	279	34	13				281	37	10
11	18	1	283	34	24				623	37	14
271	18	10	622	34	14				831	37	6
279	18	1	623	34	9				834	37	19
13	19	2	192	35	10				13	38	12
192	19	1	270	36	14				283	38	6
720	19	2	271	36	11				194	39	13
721	24	4	834	36	21				279	39	5
<b>Reg wide</b>	<b>24</b>	<b>1</b>	11	37	13				622	39	15
			13	37	21				1	40	4
			625	37	3				197	40	12
			194	39	16				271	40	11
			<b>Reg wide</b>	<b>39</b>	<b>3</b>				11	41	11
									625	49	6
									<b>Reg wide</b>	<b>49</b>	<b>3</b>

## **APPENDIX**

## 36 PARTICIPATING DISTRICTS

<b>Alphabetical Listing</b>	<b>District Number Listing</b>
11 Anoka-Hennepin	1 Minneapolis
716 Belle Plaine	11 Anoka-Hennepin
271 Bloomington	12 Centennial
12 Centennial	13 Columbia Heights
13 Columbia Heights	14 Fridley
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
1 Minneapolis	273 Edina
276 Minnetonka	276 Minnetonka
721 New Prague	277 Westonka
138 North Branch	278 Orono
622 North St. Paul-Maplewood-Oakdale	279 Osseo
278 Orono	280 Richfield
279 Osseo	281 Robbinsdale
719 Prior Lake-Savage	282 St. Anthony-New Brighton
280 Richfield	283 St. Louis Park
281 Robbinsdale	622 North St. Paul-Maplewood-Oakdale
623 Roseville	623 Roseville
720 Shakopee	624 White Bear Lake
282 St. Anthony-New Brighton	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

DATE: October 7, 2015  
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 2015-16

[www.metroecsru.org](http://www.metroecsru.org)  
612-638-1500

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 2015-2016 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, 2015:**

District data should reflect fall semester class sizes as of October 1, 2015. 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 (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; you do not have to type them.

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

#### **Example:**

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

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

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

**Mode of Collection:**

---

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

**If data is collected from a number of building level contacts**, please distribute the appropriate Excel file(s) to each school. Also include a copy of this letter. Instruct building contacts to respond in a timely fashion—we suggest that you give them a due date of November 13, 2015. Data is due to Metro ECSU by November 20, 2015.

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 pages 3 and 4 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 20, 2015.** Make sure that you include your contact information in the space provided in the Excel files so that we know who to contact with questions about the data.

**If you do not submit your data by November 20, 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](mailto:Julie.schaal@metroecs.org) or 612-638-1540. Thank you for your cooperation and assistance.

## **Detailed Guidance for Reporting Data**

### **What is NOT in this Study**

The Metro ECSU Class Size Study does not attempt to include all possible class types. Rather, it is a snapshot of class size types most frequently offered at each grade level across the metro Twin Cities public schools. Examples of Class Types not collected in this study are given below:

- Alternative Learning Programs
- ELL Classes
- Independent Reading Classes
- College Readiness Classes (e.g. AVID)
- Independent Study

Please do not include data for these classes and others not listed in the Excel files because they are currently beyond the scope of this study.

### **Class Type Options**

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

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

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 subject areas (Class Types) at the jr. secondary level. This is for entire courses, not just units of study.

### **Special Education Class Type (all levels)**

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

### **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/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)

$$4n + .5n = 104 \quad n = \# \text{ students for full time teacher}$$

Keep in mind 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](mailto:Julie.schaal@metroecs.org) or 612-638-1540.

### Data Collection Format: Elementary

District Nbr	Class Type	Nbr Classes	Class Size

**Class Type Values**

- K
- 1
- 2
- 3
- 4
- 5
- 6
- Combo or Ungraded  
Special Education

**Elementary Example Table**

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

**Please enter your contact information**

Contact Person Name	
Position	
School (or District Office)	
Phone	
Email	



## Data Collection Format: Senior Secondary

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