



**Arlington
Public
Schools**

OFFICE OF SCHOOL SUPPORT
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MEMORANDUM

TO: Dr. Francisco Durán, Superintendent

FROM: Kimberley Graves, Chief of School Support

SUBJECT: Narrative on 2022-23 Class Size Report

Overview

The 2022-23 Class Size Report provides information on the distribution of students within classes at each school based on November 1, 2022, enrollment. Planning factors are included each year as part of the adopted APS budget. These planning factors are used as a guide to determine staffing at each school. It is also important to recognize that there will be different variances across schools due to distribution of students in classes based on scheduling needs and student selection of courses.

The information provided in this class size report includes class sizes for elementary, middle, and high school levels, class sizes for secondary SOL courses, max class sizes for World Language courses, and class sizes for Arlington Community High School, Arlington Career Center, Langston, and New Directions Program.

At the elementary level, it should be noted that there are a few situations where classes have exceeded the recommended maximum after the start of the school year, and provisions have been made according to school board policy. The staffing committee meets regularly to monitor the numbers and make the necessary staffing adjustments as needed. Several factors are considered when determining the allocation of additional staff which may include using existing staffing to meet needs, allocation of support staff, social and emotional needs of students, and /or the likelihood of hiring highly qualified staff based on the time of the school year.

At the middle and high school levels, the report includes a number of course codes with a small number of students. In many of these cases, courses are combined for certain English Learner (EL) classes, language classes, and fine arts classes. At some of our alternative programs, single digit numbers may indicate students taking on-line versions of these courses or several course sections are combined to form one class. Finally, it should be noted that this report represents one point in time and adjustments/changes in some class numbers may have been made since the information was collected.

In addition to the report of class sizes for elementary, middle, and high school, information is also provided showing differences between this year and past years for specific areas.

Elementary Class Sizes:

A study of elementary class sizes shows a continued result in average class sizes at or below the planning factor guidelines.

	K	1	2	3	4	5
Recommended Maximum	24	24	26	26	27	27
2018	21.30	20.80	20.70	22.20	22.30	22.60
2019	20.6	21.1	21	21.4	21.8	23.4
2020	19.5	18.9	19.8	20.8	21.6	21.7
2021	21.1	21	20.7	21.5	22.3	22.5
2022	21.2	21.6	21.8	21.1	23	22.6

Core and World Languages Classes at 27 or more:

In the report there are classes with enrollments of 27 or more at both the middle and high school levels. Some electives, such as band and P/E classes, operate at these levels. There are core and world language classes at the middle school level with enrollments of 27 or more and core and world language classes at the high school level with enrollment of 27 or more. These are provided on separate pages of this report.

In speaking with principals, many of the larger classes are the result of student requests for classes and the challenge of scheduling students to try and meet these requests. This sometimes results in an uneven distribution of students in classes for the same course. In other cases, these are singleton classes for some courses and schools manage to those numbers. When there are larger numbers, the principals report that they usually assign an additional teacher/assistant to support instructional needs of the students in those classes. They also report that these numbers change over time as students make changes or teachers recommend movement to another level for the same course.

Number of Core and World Languages Classes at 27 or more		
Year	MS	HS
2013	25	50
2014	21	48
2015	34	46
2016	29	46
2017	9	35
2018	37	49
2019	30	46
2020	92	141
2021	61	215
2022	32	49

Additional Information

In response to requests regarding additional high school allocations from contingency, the differences between projections and actual enrollment over the last five years and planning factor changes over the last five years, charts with this information are provided.

- A. Advanced High School Allocations from Contingency for 2022-2023
- B. Attachment – Planning Factor Changes from 2019-2023

A. Advanced Classes

High School Allocations from Contingency for 2022-23		
School	FTE	
Wakefield	2.13	Classroom Teacher
Washington-Lee	2.13	Classroom Teacher
Yorktown	2.13	Classroom Teacher
H-B Woodlawn	1.40	Classroom Teacher

Arlington Public Schools
2022-23 Class Size Report
Elementary

School	K			1			2			3			4			5		
	aver	min	max	aver	min	max	aver	min	max	aver	min	max	aver	min	max	aver	min	max
Abingdon Elementary School	20	18	22	20.8	17	23	19.2	16	22	19.2	18	21	22.6	18	24	26	24	28
Alice West Fleet Elementary School	20	19	21	20.5	19	22	23.5	22	25	26	25	27	22.5	21	24	25.3	25	26
Arlington Science Focus School	24	24	24	19.8	16	22	25.5	25	26	20	19	21	28	28	28	21.5	21	22
Arlington Traditional School	24	24	24	23.2	23	24	23.8	23	24	23.8	23	24	22.8	22	23	25	25	25
Ashlawn Elementary School	19	18	20	22.3	22	23	22.7	22	24	23.3	21	25	20	19	21	22.8	22	24
Barcroft Elementary School	16.8	16	17	19.7	19	21	22	21	23	20.3	19	21	22.3	22	23	27	27	27
Barrett Elementary School	20	19	21	17.3	16	20	20.3	20	21	20.3	19	22	20.3	17	22	23.7	23	24
Campbell Elementary School	20.7	20	22	22	22	22	20.3	19	22	19.7	19	20	20	19	21	19.7	19	20
Cardinal Elementary School	24	23	25	23	22	24	21.4	21	22	23	22	24	24.6	24	25	25.2	24	26
Carlin Springs Elementary School	20.3	19	21	22	21	23	18.3	17	19	18	17	19	19.8	19	21	20.8	20	21
Claremont Immersion Elementary School	23	23	23	20.3	18	21	22.2	20	24	23.5	23	25	25	24	26	22	20	23
Discovery Elementary School	23	21	24	22	22	22	20.3	19	21	24.7	24	25	23	23	23	24.5	24	26
Dr. Charles R. Drew Elementary School	21	20	22	18.5	15	20	21.7	20	24	19.3	19	20	26.7	26	28	19.3	19	20
Escuela Key Immersion School	23.8	23	24	22.2	20	24	19.8	18	23	22.5	21	23	22.3	22	23	25.5	25	26
Glebe Elementary School	21.3	20	22	21.8	20	23	25	25	25	20	19	21	24.7	24	25	24.3	22	26
Hoffman-Boston Elementary School	19.3	18	20	23.5	23	24	20.5	20	21	20	19	21	22.8	22	23	19	17	20
Innovation Elementary School	18.5	18	19	24.7	24	25	23.3	23	24	24.7	24	25	23.7	23	24	23.7	23	24
Jamestown Elementary School	18.3	18	19	19.5	19	20	22.3	21	23	26.3	25	27	26.7	26	27	23.7	23	24
Long Branch Elementary School	19.7	19	20	21.3	21	22	22.3	22	23	17.7	17	19	22	22	22	20.3	19	22
Nottingham Elementary School	24.5	24	25	23.7	23	24	21.7	21	22	23.7	23	24	27	26	28	20.3	19	22
Oakridge Elementary School	19.6	18	20	23.6	23	24	22.6	21	23	20.8	20	22	24.5	24	25	26	25	27
Randolph Elementary School	19	19	19	20.7	20	21	15.5	14	17	15.5	13	19	22.3	21	24	22	21	24
Taylor Elementary School	25.3	25	26	21	19	22	25.8	23	28	20.8	19	22	22	21	23	21	20	22
Tuckahoe Elementary School	23.3	23	24	24	24	24	23.7	23	24	23	21	24	23	22	24	24	22	25
Average school class size per grade	21.2			21.6			21.8			21.1			23			22.6		

School	Pk - K			1 - 3			4 - 5		
	aver	min	max	aver	min	max	aver	min	max
Montessori Public School of Arlington	23.6	21	25	24.7	22	26	28.3	27	29

Notes: Based on Nov 01, 2022, enrollment. Data extracted on Nov 14, 2022

Arlington Public Schools
2022-23 Class Size Traffic Light Report
Elementary

Schools	Kindergarten						First Grade						Second Grade						Third grade						Fourth Grade					Fifth Grade				
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	1	2	3	4	5
Abingdon Elementary School	22	18	20	19	20	21	23	17	21	22	21	21	18	16	19	20	22	20	19	19	18	19	19	21	24	24	24	18	23	26	24	28	26	
Alice West Fleet Elementary School	21	20	20	19			20	19	22	21			23	25	24	22			25	27	27	25			23	24	21	22		25	26	25		
Arlington Science Focus Elementary	24	24	24	24			22	21	16	19	21		26	25	26	25			19	21	20	20			28	28	28			22	21	21	22	
Arlington Traditional Elementary	24	24	24	24			23	23	23	23	24		24	24	23	24			24	24	24	23			23	23	22	23	23	25	25	25	25	
Ashlawn Elementary School	20	19	18	19	19		22	22	22	23			22	24	22			21	23	25	24			20	21	20	19		22	24	23	22		
Barcroft Elementary School	17	16	17	17			21	19	19				21	22	22	23		21	21	19			22	23	22			27	27	27				
Barrett Elementary School	19	20	20	21			16	16	17	20			20	20	21	20		21	19	22	19			20	22	22	17		24	23	24			
Campbell Elementary School	20	22	20				22	22	22				19	20	22			19	20	20				20	21	19			20	19	20			
Cardinal Elementary School	24	24	23	24	25		22	24	23	23	23		21	22	21	22	21	23	24	23	23	22		25	24	25	24	25	25	26	25	24	26	
Carlin Springs Elementary School	21	19	20	21			21	23	22	22			18	19	17	19		18	19	18	17			19	20	19	21	21	21	20	21			
Claremont Elementary School	23	23	23	23			21	21	21	18			22	20	23	22	24	23	23	25	23			25	24	25	26		20	23	23	22		
Discovery Elementary School	21	24	24				22	22	22				21	20	21	19		25	25	24				23	23	23	23		24	26	24	24		
Dr. Charles R. Drew Elementary School	21	22	20				20	20	15	19			24	20	21			20	19	19				28	26	26			20	19	19			
Escuela Key Elementary School	24	24	23	24			24	20	22	22	23		19	18	23	20	19	21	23	23	23			22	23	22	22		25	26	25	26		
Glebe Elementary School	20	22	21	22			20	23	22	22			25	25	25	25		20	21	19	20			24	25	25			24	22	26	25		
Hoffman-Boston Elementary School	20	19	20	18			24	24	23	23			20	21	21	20		19	20	20	21			23	22	23	22		20	16	20			
Innovation Elementary School	18	19	19	18			24	25	25				23	23	24			25	25	24				23	24	24			23	24	24			
Jamestown Elementary School	18	19	18				19	20	19	20			21	23	23			27	25	27				27	27	26			24	24	23			
Long Branch Elementary School	20	19	20				21	21	22				22	23	22			19	17	17				22	22	22			19	22	20			
Nottingham Elementary School	24	25					24	24	23				21	22	22			24	23	24				28	26				19	19	21	22		
Oakridge Elementary School	20	18	20	20	20		24	24	23	23	24		23	23	23	23	21	21	21	22	20	20		25	24	25	24		26	27	25	26		
Randolph Elementary School	19	19	19				20	21	21				14	16	15	17		14	19	13	16			22	21	24			24	21	21			
Taylor Elementary School	25	25	26				22	19	22	21			26	28	26	23		19	22	21	21			21	23	22	22		20	20	22	22		
Tuckahoe Elementary School	24	23	23				24	24	24				23	24	24			24	21	24				24	23	22			22	25	25			
Planning Factor Guideline Number	23						20						22						22						24					24				
County Planning Factor Number	24						24						26						26						28					28				
Traffic Lights Count (Kindergarten)	Kindergarten																																	
Blue - Less Than Planning Factor -2	47																																	
Green - - 2 of the planning factor	21																																	
Yellow - Equal to Max Factor	18																																	
Red - - Above Max Factor	5																																	
Traffic Lights Count(grade 1 -5)	First Grade						Second Grade						Third Grade						Fourth Grade					Fifth Grade										
Blue - Less Than Planning Factor -2	6						16						26						17					25										
Green - + or - 2 of the planning factor	56						66						52						63					56										
Yellow - within 2 of Max Factor	31						11						9						7					5										
Red - - Above Max Factor	2						1						4						0					0										

Notes: Based on Nov 01, 2022, enrollment. Data extracted on Nov 14, 2022

Arlington Public Schools
Class Size Traffic Light Report 2022-2023
English Language Arts – High School

Schools	English 9 (21130)													English 10 (21140)											English 11 (21150)																	English 12 (21160)													
	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1	2	3	4	5	6	7	8	9	10				
Arlington Career Center	11	15	12	16	7									16	14	19	14								16	10	9	8	1															20	15	7									
Arlington Community High School	1	1	14	6										2	1	1	1	5	2	6					4	1	1																	5	1	1	6	5							
H-B Woodlawn Secondary Program	20	20	17	19	22									1	10	4	3	9	1						6	1	2	2	5	5													21	22	20	14	20								
Langston High School Continuation	1	2	1											4	4										5	8	11																1	1	9	7	8								
Wakefield High School	28	26	27	29	28	25	28	25	26	27	25	24		28	26	28	25	29	23	27	22	22	28	24	24	25	29	25	24	26	24	19	28	25	27	11	10	4	8	8	5	23	22	21	23	28	27	27	18	28					
Washington-Liberty High School	21	20	22	20	27	20	21	22	23	25	4	12	14	25	20	24	26	23	23	23	9	17			19	19	28	18	11	23	23	24	5	8	12							25	21	22	14	20	28	22	4	15	6				
Yorktown High School	27	26	24	23	22	23	25	24	23	23	3	6	7	25	17	18	24	21	25	25	24	28	3	7	24	25	27	26	26	27	26	5	7								27	27	21	26	22	23	25	24	4						
SOQ Planning Factor Number (HS)	24																																																						
Traffic Lights Count (High School)																																																							
Blue - 22 23	9													6											2																	8													
Green - <=21	27													27											33																	27													
Yellow - =24	3													4											5																	1													
Red - >24	16													13											14																	10													

Notes: Based on Nov 01, 2022, enrollment. Data extract on Nov 14, 2022

Arlington Public Schools
Class Size Traffic Light Report 2022-2023
Science – Middle School

Schools	Science 6 (14105)																Life Science (14115)																Physical Science (14125)															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Dorothy Hamm Middle School	17	15	18	17	18	18	15	17	15	18	21	12	13	20	23		12	19	23	16	20	15	24	24	14	18	18	21	22	16	19		20	19	21	19	19	17	20	22	18	22	21	22	25	22	19	
Gunston Middle School	17	18	16	20	17	15	10	16	21	17						17	24	23	17	25	22	23	18	24	25						18	16	26	15	19	21	14	22	25	25	11	12						
H-B Woodlawn Secondary Program	23	19	21	17											19	20	20	20												22	22	20	18															
Jefferson Middle School	20	22	21	18	23	22	20	21	18	24	22	22	20	20	24	6	25	25	16	18	13	21	19	21	23	17	21	24	21	22	14	7	23	15	14	23	23	17	21	20	19	16	17	18	19	22	24	5
Kenmore Middle School	16	19	20	17	21	21	16	23	17	19	11	16	22	19		19	16	17	20	21	20	13	12	21	20	22	25	18	24		26	24	17	28	28	26	21	24	23	22	21	24	24	9				
Swanson Middle School	19	24	17	19	10	16	19	15	24	24	24	18	17	18	23	18	23	16	19	16	21	17	14	21	20	21	15	15	21	23	16	22	20	24	15	22	18	24	22	25	22	18	21	19	21			
Williamsburg Middle School	26	26	25	23	27	24	26	23	25	26					24	27	24	26	28	24	25	22	27	28					25	28	24	28	26	24	25	26	27	28										
APS Class Size Guide	27																																															

Traffic Lights Count (Middle School)			
Blue - 25,26	6	7	11
Green - <=24	77	73	69
Yellow - =27	1	2	1
Red - >27	0	2	5

Notes: Based on Nov 01, 2022, enrollment. data extract on Nov 14, 2022

Arlington Public Schools
Class Size Traffic Light Report 2022-2023
Science – High School

Schools	Biology (24310)																Chemistry (24410)														Physics (24510)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1	2	3	4	5	6	7	8							
Arlington Career Center	17	22	13	5													17	22	19																		19	22	4	1					
H-B Woodlawn Secondary Program	23	17	17	25	15												25	24	23	26																		11	15	20	18	19			
Langston High School Continuation	5	4																																											
Wakefield High School	24	27	26	25	28	28	25	25	22	22	26	28	28				24	26	26	24	27	28	25	24	28	28										28	28	25	28	26	28	24			
Washington-Liberty High School	24	22	26	26	24	22	21	24	28	17	25	26	26	8	10		28	26	26	28	27	25	25	28	26	26										28	27	24	28	23	26	27	26		
Yorktown High School	26	26	14	22	21	14	27	13	24	26	25	25	21	21	22	8	25	24	25	24	25	25	24	24	25	23	25	25	25	25	25	25	25	25	25	26	27	26	26	27	27	29	28		
APS Class Size Guide	27																																												

Traffic Lights Count (High School)			
Blue - 25, 26	16	20	7
Green - ≤24	32	13	12
Yellow - =27	2	2	5
Red - >27	5	6	8

Notes: Based on Nov 01, 2022, enrollment. data extract on Nov 28, 2022

