



Our **vision** is to provide high-quality educational opportunities that inspire a community of learners

WELLNESS • EQUITY • ENGAGEMENT

Our **mission** is to develop engaged, well-balanced learners through collaborative, caring relationships

K-12 Enrollment and Class Size

December 1, 2022

K-12 Enrollment Change

	2018-19	2019-20	Year to year change	2020-21	Year to year change	2021-22	Year to Year Change	2022-23	Year to Year Change	4 Year Change
Elementary	2,706	2,635	-71	2,552	-83	2,552	0	2518	-34	-188
Jr. High	923	860	-63	831	-29	825	-6	826	+1	-98
High School	1,837	1,816	-21	1,751	-65	1703	-48	1683	-20	-154
Total	5,466	5,311	-155	5,134	-177	5,080	-54	5,027	-53	-439 (-8%)

K-12 Enrollment vs Projection

2022-2023	Oct. 1, 2022 Actual Enrollment	Projection	Over/ Under Spring Projection
Elementary	2,552	2,518	-34
Jr. High	825	826	+1
High School	1,683	1,645	-11
Total	5,027	5,042	-44

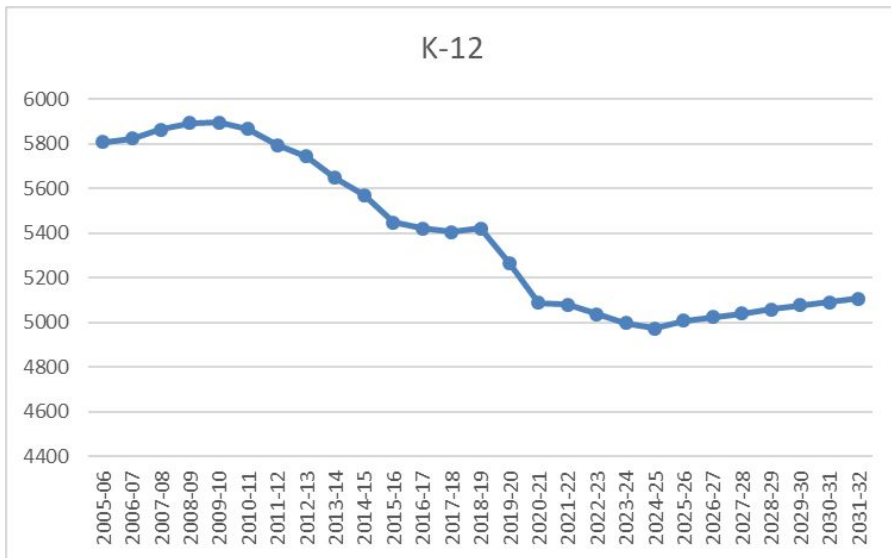
Kindergarten Projection = 334
Kindergarten Actual = 298

Kindergarten came in 36 below projection
Grades 1-12 were within 10 total students of projection

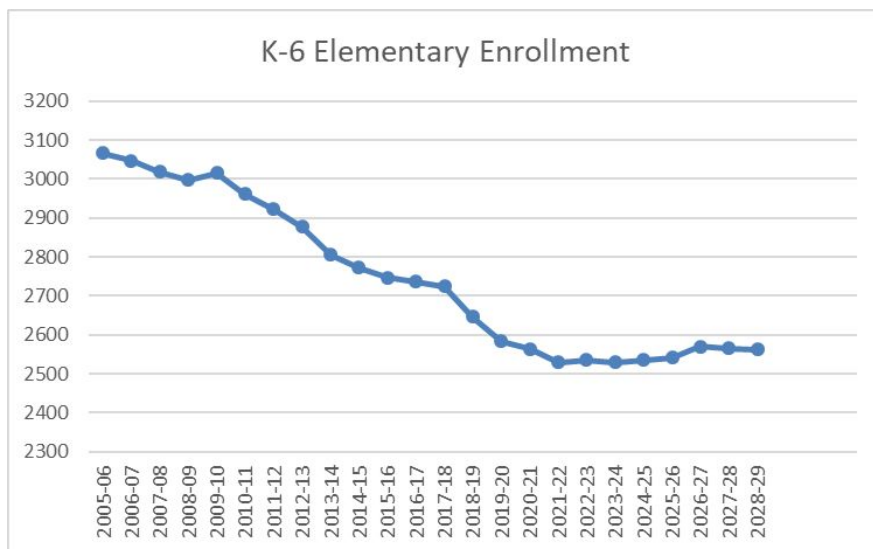
Kindergarten Volatility

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
K Projection	279	294	314	342	330	372	334	338
K Actual	323	349	330	302	279	312	298	
Over Proj	+44	+55	+16	-40	-51	-60	-36	

K-12 Enrollment History and Projections



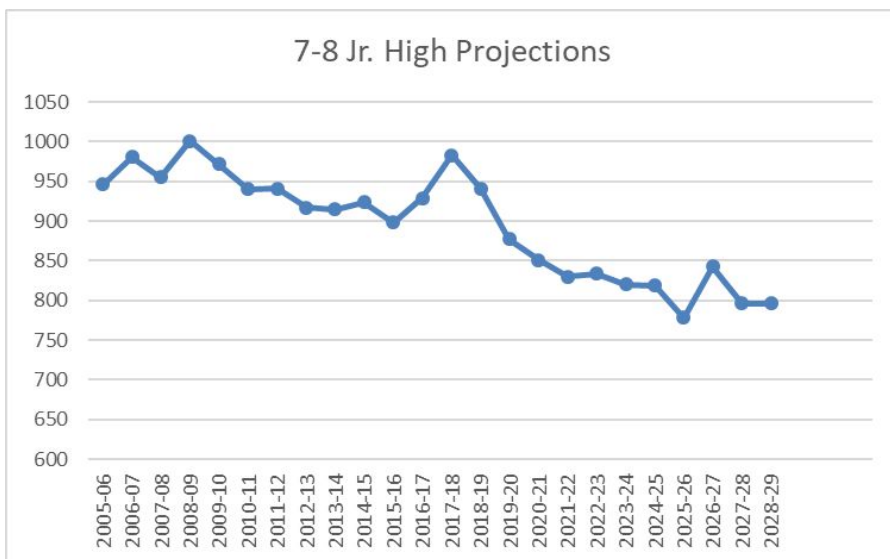
Elementary Enrollment History and Projection



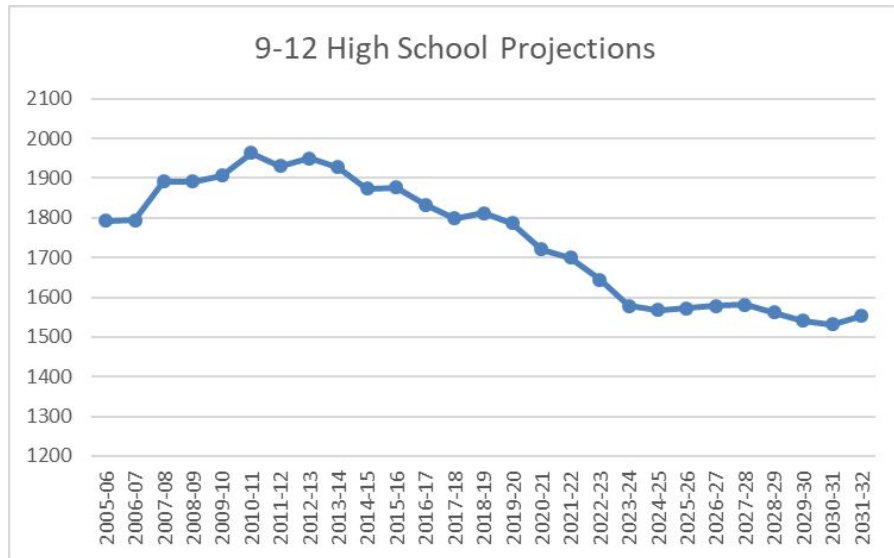
Minuteman Regional Vocational Technical High School

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Acton	30	33	35	35	32	36	59	78	83
Boxborough	5	7	4	6	6	6	4	4	0
Total AB	35	40	39	41	38	42	63	82	83

Jr. High Enrollment History and Projection



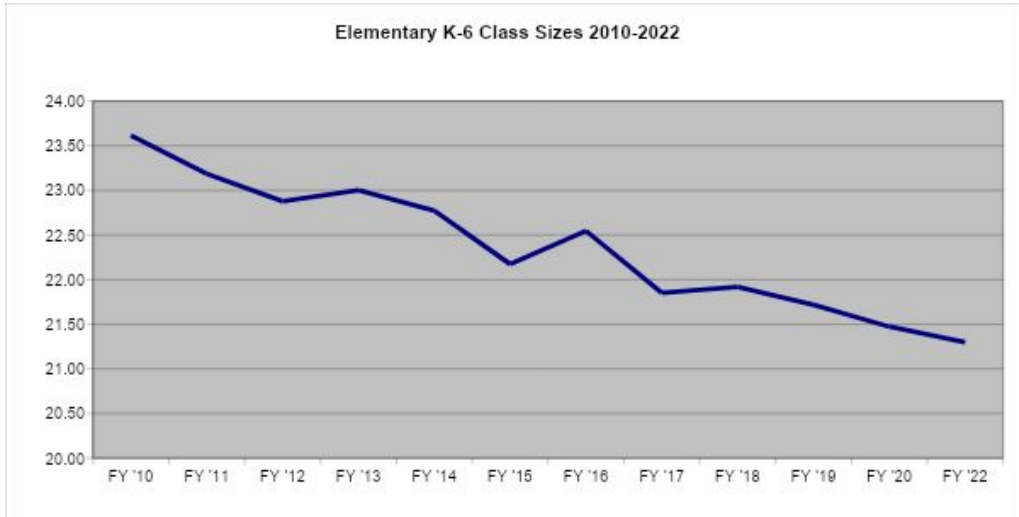
High School Enrollment History and Projection



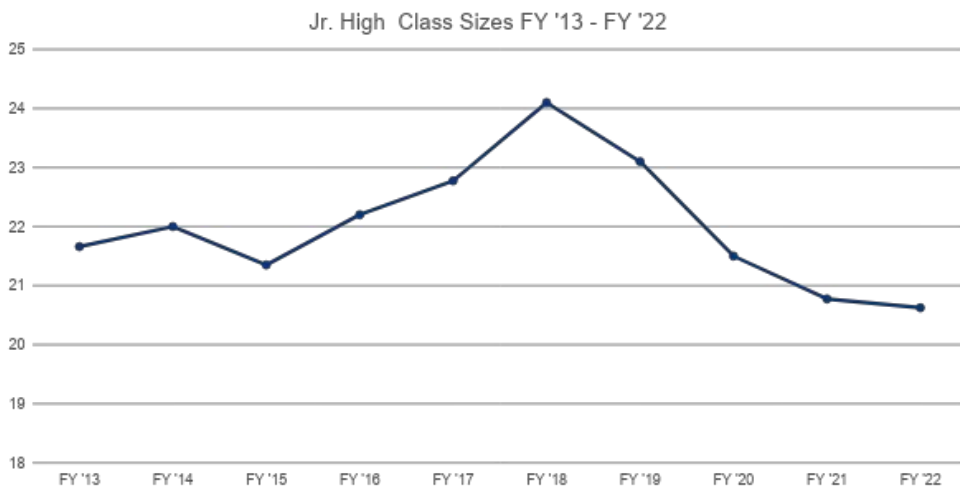
Foundation Budget and Student Opportunity Act (SOA)

- ABRSD is in “Hold Harmless” because our enrollment has dropped. We receive the minimum \$30 per student increase in Chapter 70 each year.
- The Student Opportunity Act will provide more Chapter 70 funding over the next several years, but not to districts who are in “Hold Harmless.”
- We are \$4M above the hold harmless threshold. We would need to increase about 350 students from current enrollment to be able to receive any SOA or Chapter 70 increases beyond the \$30 per student.

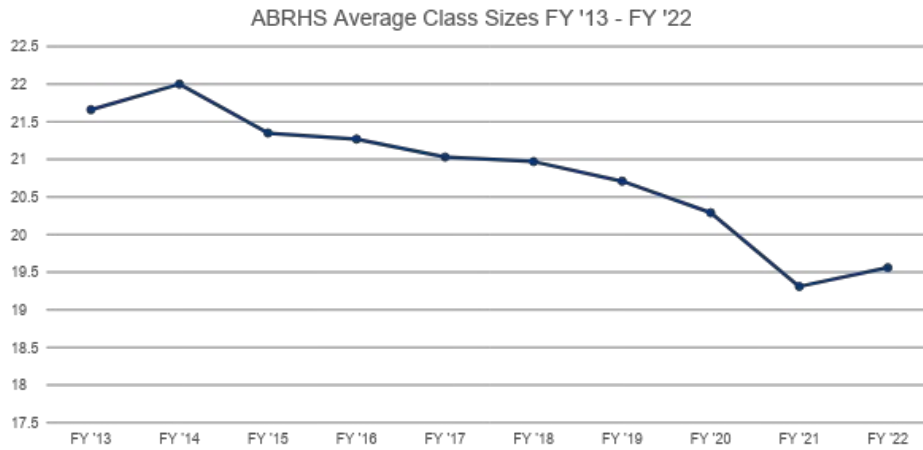
Elementary K-6 Class Sizes 2010-2022



Jr. High Class Sizes FY '13 – FY '22



ABRHS Average Class Sizes FY '17 – FY '22



Acton and Boxborough Enrollment

	Acton	Boxborough	% Boxborough Students
FY17	4577	817	15.15%
FY18	4568	837	15.49%
FY19	4553	830	15.42%
FY20	4394	838	16.02%
FY21	4238	816	16.15%
FY22	4183	810	16.22%
FY23	4086	831	16.90%
FY24	3991	853	17.61%
FY25	3928	873	18.18%
FY26	3871	905	18.95%
FY27	3819	940	19.75%
FY28	3775	964	20.34%
FY29	3756	981	20.71%
FY30	3708	1003	21.29%
FY31	3691	1013	21.53%

Acton
 -886
 -19%

Boxborough
 +196
 +24%



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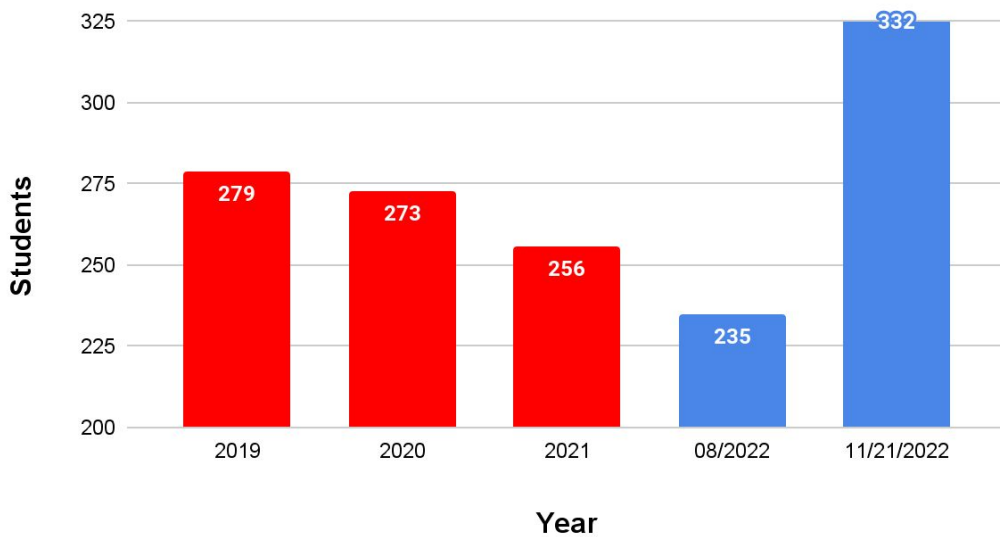
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Multilingual Learners

Trends

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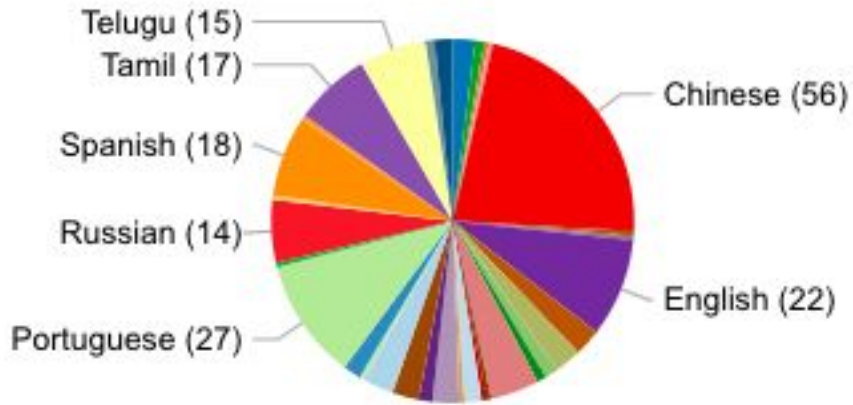
Total Number of Multilingual Learners (preK-12)



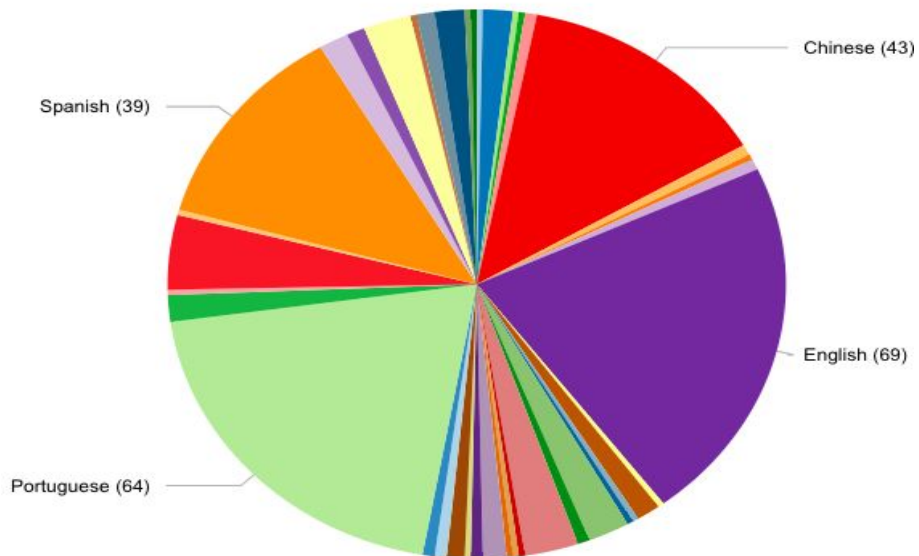
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Multilingual Learners (Historical)

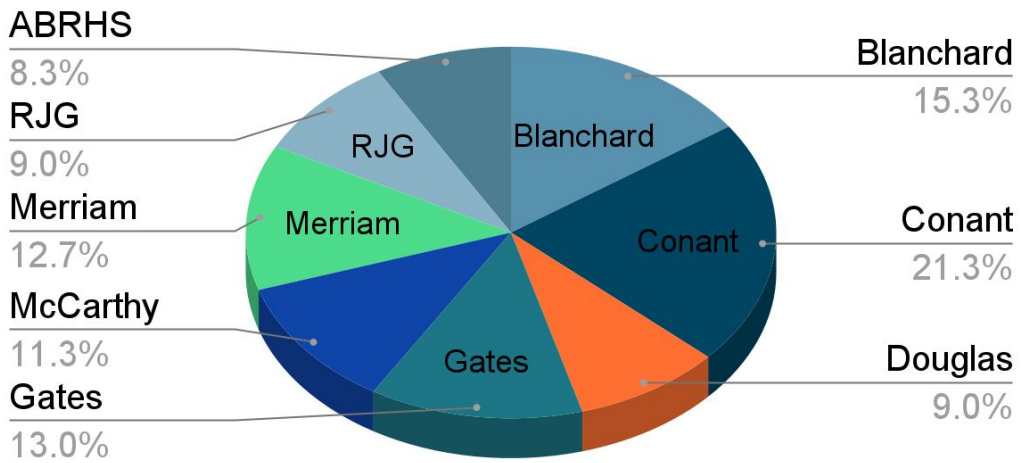
Native Language



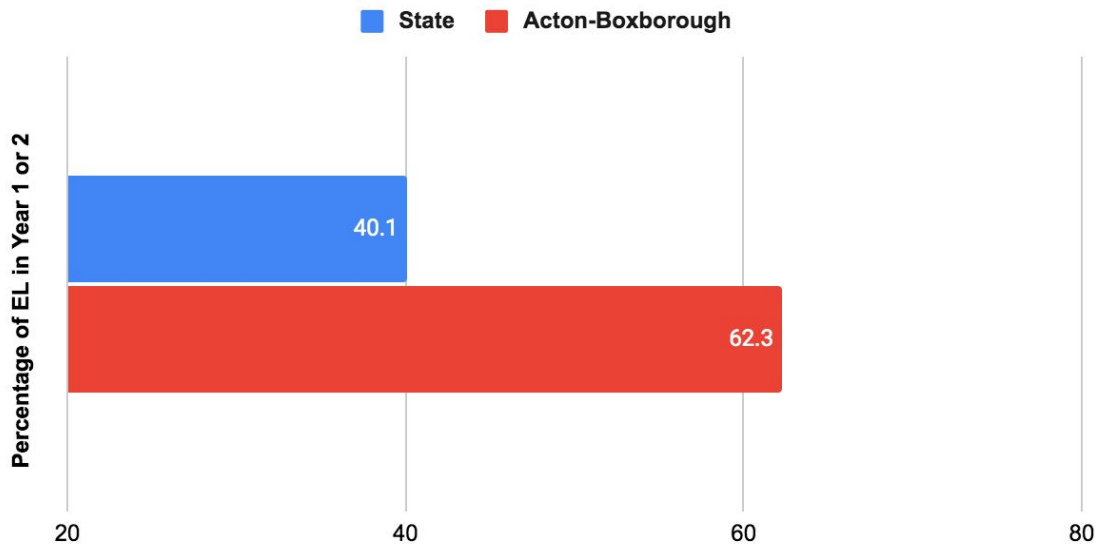
Current Multilingual Learners



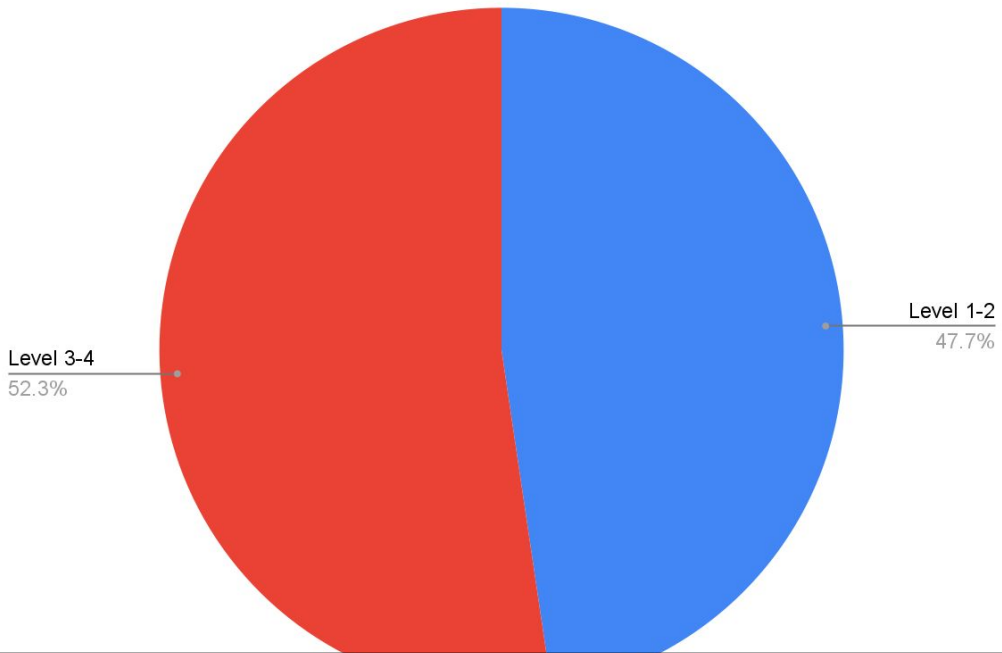
2022-2023 Distribution of Multilingual Learners (K-12)



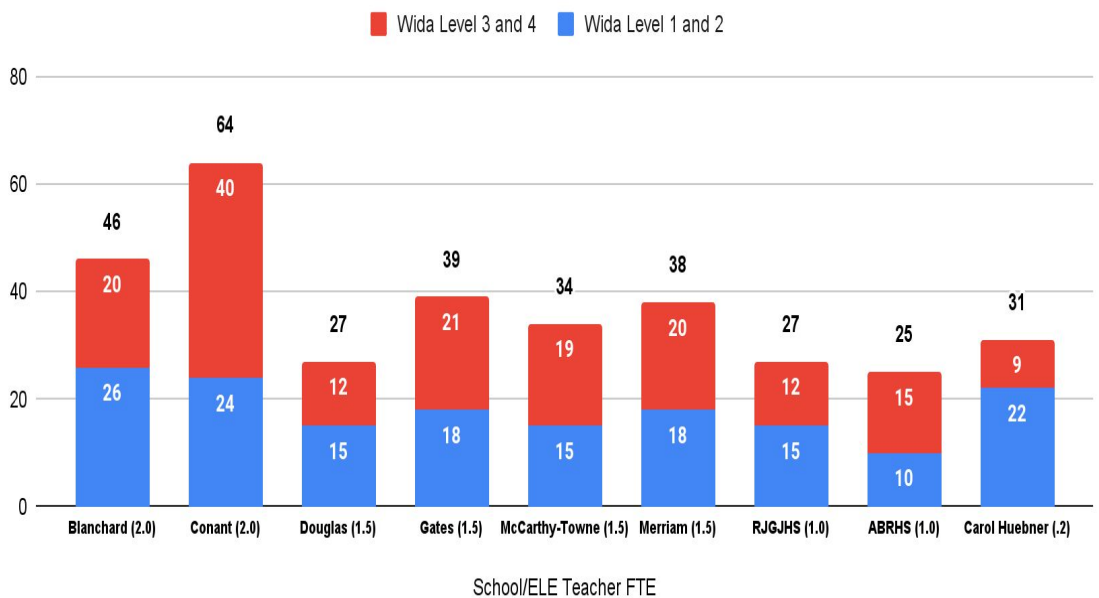
ABRSD ML's in first two years in MA schools vs State average



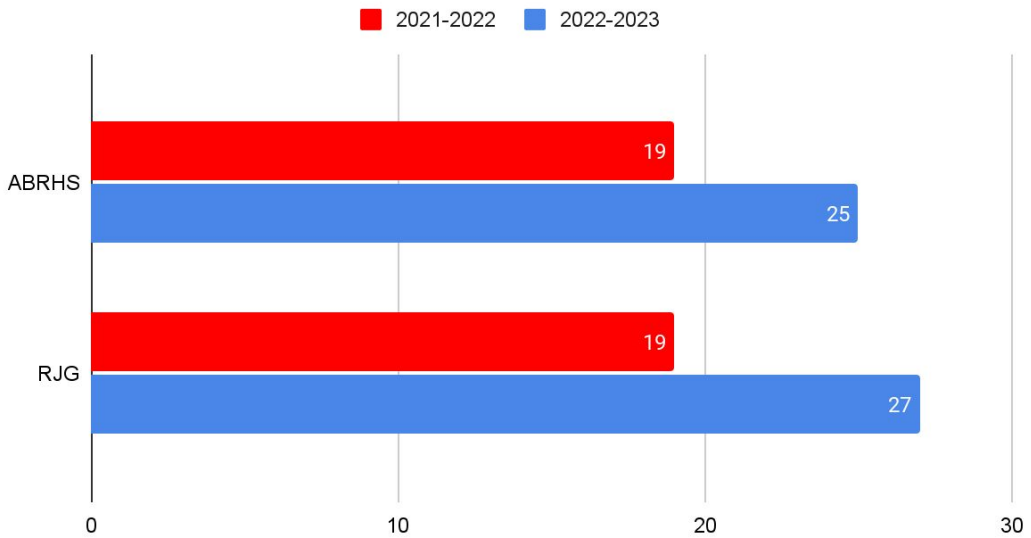
Percentage of WIDA Levels 1 and 2 compared to 3 and 4



WIDA Levels by School



Increase in multilingual students at secondary level



RJ Grey Junior High School Class Size Report

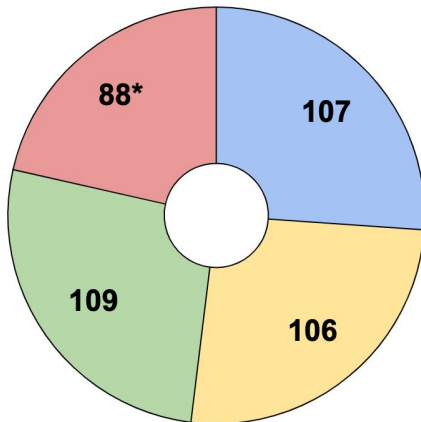
December 1, 2022

RJ Grey JHS
(825)

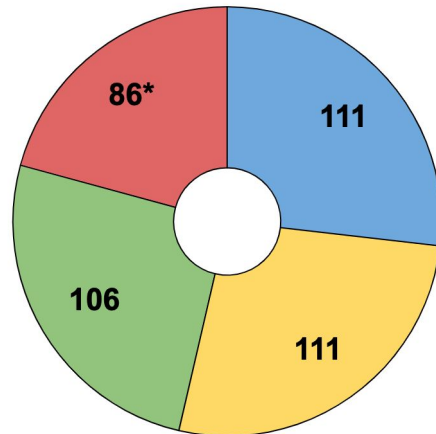
8 Teams
*(86-111)

Individual
Sections

Grade 7 (410) Team Sizes



Grade 8 (415) Team Sizes



Courses at RJ Grey Junior High School

All Students:

- English
- Math
- Social Studies
- Science
- Phys Ed and Health
- Advisory

Most Students:

- French or Spanish
- Exploratories
- Grey Block Electives
- Band, Chorus, Orchestra

Some Students:

- Multilingual Education
- Math Fundamentals
- Academic Support Center
- Learning Center
- Speech and Language
- Reading

Factors to consider when scheduling

When assigning teams:

- Sending school
- Ethnicity
- Gender
- World Language choice
- Special Education services
- Multilingual Language services

When assigning individual classes:

- Learning Center, Speech, Reading
- Supported Classes
- World Language
- Appropriate math level (grade 8)
- Overall needs of the students in particular sections
- Social dynamics

Math Class Sizes

2022-2023 (current)	14-18 Students	19-21 Students	22-24 Students	25-27 Students	28-30 Students	Total	Average
Math 7	2 sections	7 sections	10 sections	0	0	19 Sections	21.32

2022-2023 (current)	14-18 Students	19-21 Students	22-24 Students	25-27 Students	28-30 Students	Total	Average
Math 8	3 sections	6 sections	1 section	0	0	10 sections	19.4
Algebra I	0	1 section	6 sections	2 sections	0	9 sections	23.4

Sampling of On-Team Class Sizes

2022-2023 (current)	14-18 Students	19-21 Students	22-24 Students	25-27 Students	28-30 Students	Total	Average
Science 8	2 sections	6 sections	10 sections	1 section	0	19 sections	21.8
Social Studies 7	2 sections	7 sections	8 sections	2 sections	0	19 sections	21.5
English 7	2 sections	10 sections	6 sections	1 section	0	19 sections	21.2
Spanish 7	1 section	9 sections	5 sections	0	0	15 sections	20.5

Sampling of Off-Team Class Sizes

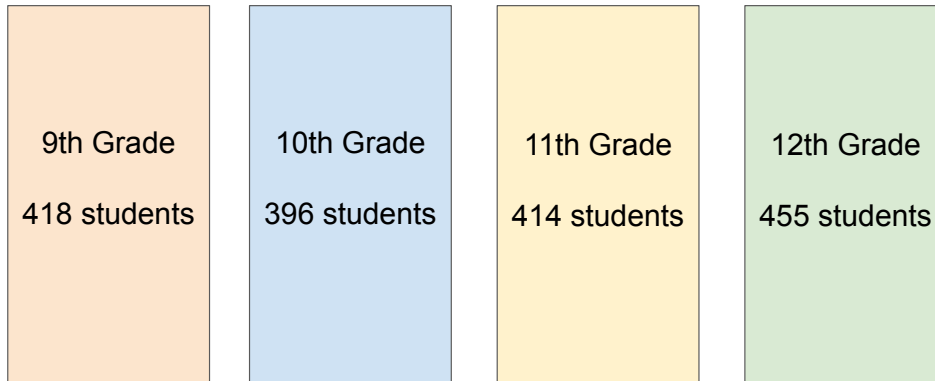
2022-2023 (current)	18 or fewer	19 - 21	22 - 24	25 +	Total Sections	Average Class Size
Art 7	1 section	4 sections	5 sections	6 sections	16	23.1
Minuteman Tech 7	1 section	2 sections	4 sections	9 sections	16	23.8
Dig Lit 8	1 section	5 sections	8 sections	2 sections	16	22
Drama 8	3 sections	4 sections	6 sections	3 sections	16	21.6
PE/Health 7 (one rotation)	5 sections	4 sections	10 sections	1 section	20	20.7

ABRHS

Class Size Report

December 1, 2022

ABRHS Enrollment Fall 2022

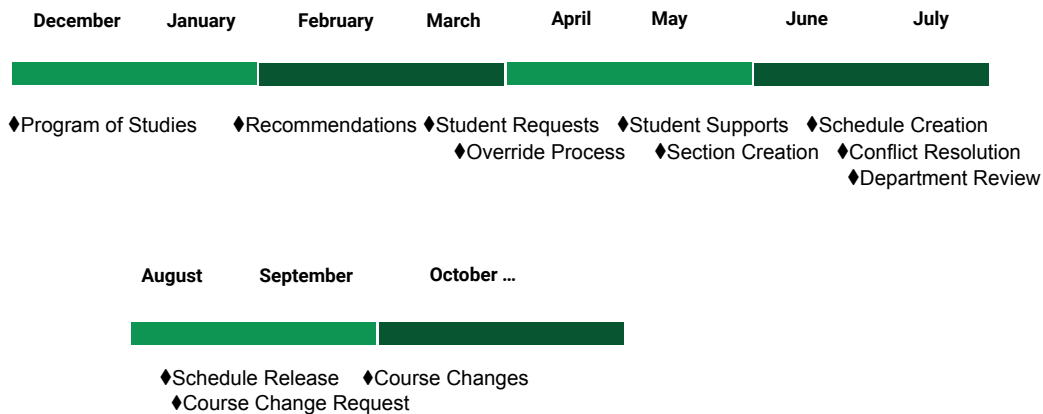


Total Enrollment = 1683 students

Graduation Requirements

English	4 years	
Social Studies	3 years (including US History I and II)	
Science	2 years (including Biology)	[3 years, Class of 2025]
Mathematics	2 years	[3 years, Class of 2025]
World Language	-	[2 years, Class of 2025]
Physical Ed.	2.5 years (including Fitness for Living)	
Arts	1 semester (Performing, Visual, Comm, Industrial)	
Elective	1 year (English, Social Studies, Math, Science, Language)	

High School Scheduling Process



Scheduling Considerations

- Graduation Requirements
- Student Requests
 - Electives and Levels
 - (88% of students got *all* requests)
- Class size
- Supports for students

Impacts of Scheduling Process

- Individualized student schedules
- Variable class sizes
- Dynamic, year-long scheduling & placement process

High School Class Sizes

Subject	Sections	Average Class Size
English	80	20.7
Math	91	21.2
Science	99	20.9
Social Studies	81	21.4
World Language	70	18.5
Total	421	20.6

Class Size Ranges by Subject

Subject	<14	14-18	19-21	22-24	25-27	28-30	31-33
English	1	23	17	25	13	1	0
Math	5	22	23	18.5	12.5	8	2
Science	6	17.5	25	31.5	14.5	4.5	0
Soc. Studies	3.5	22	9	12	31.5	3	0
World Lang.	5	40	7	10	8	0	0
Total	20.5	124.5	81	97	79.5	16.5	2

High School Class Sizes Comparison by Year

2021-2022	Avg. Class Size
English	18.7
Math	20.6
Science	18.7
Soc. Stud.	20.5
World Lang.	19.3
Overall	19.6

2022-2023	Avg. Class Size
English	20.7
Math	21.2
Science	20.9
Soc. Stud.	21.4
World Lang.	18.5
Overall	20.6