

Shrewsbury Public Schools

Preschool – Grade 12 Enrollment Report

Preschool – Grade 8 Class Size Report

2021-2022

Data based on enrollment numbers as of October 1, 2021

SHREWSBURY PUBLIC SCHOOLS ENROLLMENT HISTORY

The Importance and Uses of Enrollment Data

Statistical Reports

The Massachusetts Department of Elementary and Secondary Education Student Information Management System (SIMS) is a student-level data collection system that allows the Department to collect and analyze accurate and comprehensive information, to meet federal and state reporting requirements, and to inform policy and programmatic decisions. The SIMS has two important components:

- A unique student identifier for all students receiving a publicly funded education in Massachusetts, and
- Transmissions of data from districts to the Department for all students via the security portal.

Currently, there are 56 data elements that are submitted for each student record. Each student record is submitted three times per year to the Department.

Since student enrollment actually changes virtually every day, the October 1st enrollment is used as the annual “snapshot” of headcount enrollment and used for comparative purposes year over year and between districts.

State and Federal Funding

Student enrollment and demographics are captured by the 56 data elements reported in SIMS. This is where, for example, students are coded as English Language Learners, Special Education, Economically Disadvantaged, etc. For Chapter 70 state aid, the October 1st data is used to derive Foundation Enrollment and calculate each district’s Foundation Budget. and correspondingly distribute state aid. Furthermore, federal grant entitlement funds are allocated to each school district based upon district enrollment and student demographics as well.

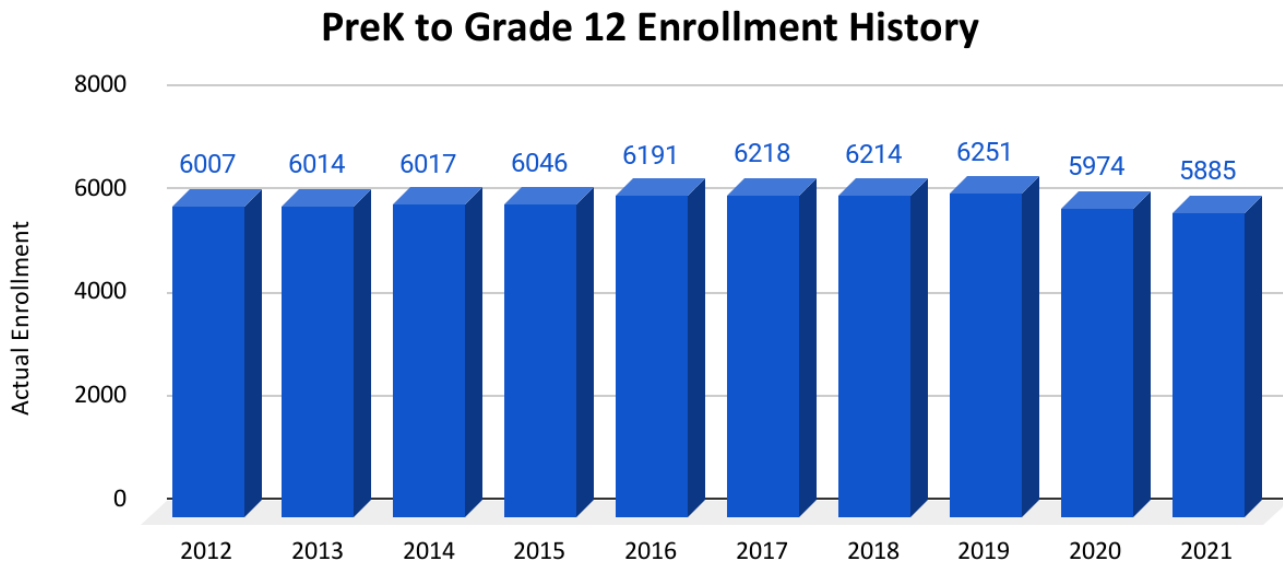
Local Budget and Capital Planning

On a local level, we use the October 1st enrollment historical data to make near term enrollment projections for class size purposes and staffing needs. When applying for a state-funded school project to the Massachusetts School Building Authority this same data, along with other factors, is used to make long-term enrollment projections to “right-size” building projects for the future.

In-District PreK-12 Actual Enrollment: 2012-2021

The chart below illustrates the district's enrollment for the past 10 school years. Please note that the drop in enrollment of 89 students overall for the district (-1.5%), the second consecutive year of decreasing enrollment. Much of the decrease is accounted for in Grade 1 and it's unclear if this is related to the Covid-19 pandemic or some other factor[s]. While the preschool enrollment has increased from 10/1/20, we still have not come back to pre-pandemic enrollment levels at that grade level. But we will continue to add enrollment in preschool as the year progresses as children age into eligibility for either special education services or regular education with an associated tuition fee. At kindergarten, we are very pleased to have capacity for all students in a full-day [tuition-free] program due to the opening of the new Major Howard W. Beal School. Our Grade 4 cohort is 12% smaller than last year and is a harbinger of smaller elementary cohorts in comparison to its Grade 5-12 peers. While the high school dipped a small amount, it belies the fact that the school remains 360 students above the facility's design capacity. The high school remains overcrowded.

PreK-12 Actual Enrollment 2012-2021 (as of October 1 of each year)



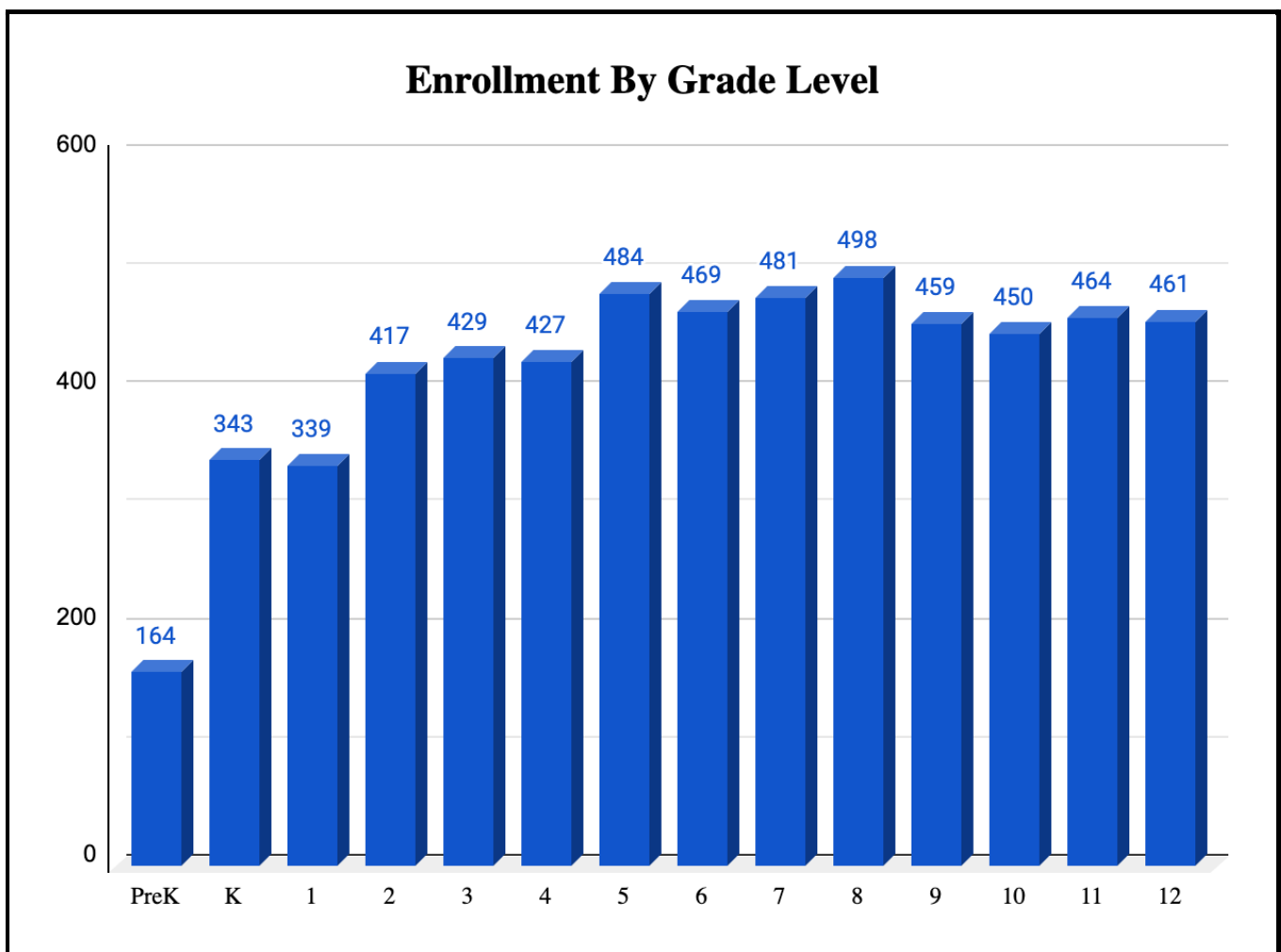
SHREWSBURY PUBLIC SCHOOLS

2021 ENROLLMENT BY GRADE

Enrollment by Grade October 1, 2021

The Department of Elementary and Secondary Education uses enrollment figures as of October 1 of each school year for its official statistics. The in-district populations for each grade in Shrewsbury as of October 1, 2021 are displayed in the chart below:

2021 PreK-12 Enrollment by Grade Level (October 1)



Enrollment History by Grade Level 2012-2021

Grade	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
PreK	262	250	234	238	232	237	243	220	110	164
K	364	392	346	356	388	355	351	362	287	343
1	416	399	430	424	418	424	424	426	407	339
2	447	450	430	446	459	437	447	439	434	417
3	474	452	462	439	460	476	454	470	430	429
4	458	480	467	474	462	482	494	455	484	427
5	524	462	487	473	487	464	490	493	473	484
6	465	518	469	500	490	502	468	502	491	469
7	473	490	529	481	511	493	511	478	502	481
8	466	471	478	547	492	516	495	514	483	498
9	408	420	432	413	513	451	460	470	459	459
10	421	406	423	440	428	513	447	469	480	450
11	417	421	410	412	441	429	501	452	470	464
12	412	403	420	403	410	439	429	501	464	461
Total P-12	6007	6014	6017	6046	6191	6218	6214	6251	5974	5885
Annual Change	1.01%	0.12%	0.05%	0.48%	2.41%	0.44%	-0.06%	0.61%	-4.31%	-1.49

Special Education Out of District Placements

Grade	Pre	K	1	2	3	4	5	6	7	8	9	10	11	12	13*	Total
2017	1	0	0	0	2	3	0	2	2	4	3	7	8	6	24	62
2018	1	0	0	0	1	2	4	1	2	1	5	4	5	8	17	51
2019	0	1	0	1	0	2	2	4	2	3	6	7	3	5	26	62
2020	0	0	1	0	2	1	1	3	3	3	6	5	4	4	30	63
2021	0	0	0	1	2	2	1	2	1	4	4	5	4	3	33	62

*Grade 13 represents students requiring services until age 22.

Note: Some out of district placements are temporary, so totals fluctuate over the course of the year.

Vocational Technical School Enrollment

Grade	9	10	11	12	Total
2017	28	19	28	22	97
2018	34	27	19	27	107
2019	25	34	26	18	103
2020	35	22	31	25	113
2021	12	34	20	30	96

CLASS SIZE AVERAGES: HISTORY

Kindergarten Average Class Size (School Committee Guidelines 17-19)

*Yellow highlighted sections exceed guidelines by 1 or 2 *Red highlighted sections overenrolled by 3 or more

	Beal	Coolidge	Paton	Spring	Floral
2012	20	19	N/A	21	N/A
2013	19	20	N/A	20	N/A
2014	19	20	20	20	N/A
2015	20	20	21	20	N/A
2016	19	20	20	20	N/A
2017	18	20	20	20	N/A
2018	16	22	22	21	N/A
2019	20	20	20	21	N/A
2020	16	15	12	15	N/A
2021	16	16	18	15	14
Avg.	18	19	19	19	14

Middle School Average Class Sizes

(School Committee Guidelines Gr. 5-8 = 22-24)

*Yellow highlighted sections exceed guidelines by 1 or 2 *Red highlighted sections overenrolled by 3 or more

	Grade 5	Grade 6	Grade 7	Grade 8
2012	29	29	30	29
2013	29	29	31	29
2014	24	23	26	24
2015	24	25	23	27
2016	24	25	26	25
2017	23	25	25	26
2018	25	23	26	25
2019	25	25	24	26
2020	26	25	24	26
2021	24	23	24	25
Avg.	25	25	26	26

Elementary Class Size History (Grades 1-4)

*Yellow highlighted sections exceed guidelines by 1 or 2

*Red highlighted sections overenrolled by 3 or more

Class Size History - Grades 1 - 4

B=Beal, C=Coolidge, F=Floral, P=Paton, S=Spring

	Grade 1 (SC 20-22)					Grade 2 (SC 20-22)					Grade 3 (SC 22-24)					Grade 4 (SC 22-24)				
	B	C	F	P	S	B	C	F	P	S	B	C	F	P	S	B	C	F	P	S
2012	N/A	20	23	20	25	N/A	25	22	21	21	N/A	22	25	23	23	N/A	29	29	28	29
2013	N/A	19	20	19	22	N/A	26	30	21	28	N/A	27	25	29	21	N/A	24	25	24	24
2014	21	22	22	21	22	N/A	22	21	20	19	N/A	19	24	22	20	N/A	22	22	24	22
2015	19	23	21	20	19	N/A	21	22	23	22	N/A	22	21	20	21	N/A	19	24	23	22
2016	23	18	22	19	22	N/A	23	21	23	22	N/A	23	23	23	24	N/A	24	24	22	22
2017	18	22	22	20	18	N/A	18	24	20	19	N/A	24	24	22	25	N/A	24	24	24	25
2018	18	22	22	21	23	N/A	22	22	22	18	N/A	25	24	22	19	N/A	19	22	24	26
2019	22	22	24	20	19	N/A	23	20	23	19	N/A	23	23	22	26	N/A	18	24	22	20
2020	19	18	20	19	17	N/A	19	20	21	20	N/A	18	21	23	21	N/A	20	22	20	21
2021	19	16	18	15	17	22	16	17	22	20	21	16	18	22	21	20	19	18	19	21
AVG	20	20	21	20	20	22	22	22	22	21	21	22	23	23	22	20	22	23	23	23

**Year-to-Year Progression
Grade 1 to Grade 12**

	1	2	3	4	5	6	7	8	9	10	11	12	Gr. 1-12 % Change
Class of 2021	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Enrollment	426	448	464	458	462	462	480	492	451	447	452	461	7.96%
Class of 2020	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Enrollment	479	493	515	516	524	518	529	547	513	513	501	501	4.59%
Class of 2019	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Enrollment	439	456	465	472	485	465	490	478	413	428	429	429	-2.28%
Class of 2018	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Enrollment	440	454	459	459	469	476	474	471	432	441	441	439	-0.23%
Class of 2017	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Enrollment	452	468	482	478	473	465	462	466	420	423	412	410	-9.3%
Class of 2016	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
Enrollment	449	466	452	454	456	436	435	443	408	406	410	403	-10.8%
Class of 2015	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
Enrollment	484	489	502	507	496	461	466	479	414	421	421	420	-13.2%
Class of 2014	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Enrollment	442	464	464	466	462	450	453	439	401	414	417	403	-8.8%
Class of 2013	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Enrollment	475	483	480	504	502	488	485	489	421	417	413	412	-13.3%
Class of 2012	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
Enrollment	420	444	442	464	463	461	449	449	393	398	390	390	-7.1%
Class of 2011	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Enrollment	466	471	469	488	494	492	486	501	419	429	415	413	-11.4%
Class of 2010	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
Enrollment	381	395	402	424	428	436	444	443	408	404	390	390	2.4%
Class of 2009	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Enrollment	365	365	391	399	419	423	438	441	425	436	423	427	17.0%
Class of 2008	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Enrollment	381	400	408	424	433	427	426	437	413	402	388	383	0.5%

Students Transferring to Private for Grade 9

	11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22
Bancroft		1	10					3	4	2	
Cambridge/ Matignon School								1			2
Cushing Academy						1	1				
Eagle Hill School											1
East Catholic						1					
Groton School				1	1		1				
Hillside						1			1		
Holy Name		1	4			1	2		1		
Marianapolis									1		
Milton Academy						1					
Noble & Greenough								1			
Notre Dame	3	6	12	3	4	1	1	1			
St. Paul Worcester (Merger of Holy Name & St. Peter-Marian)											1
St. John's	35	33	47	46	47	35	35	35	26	25	25
St. Mark's		2		2	2	1	1	1		1	
St. Paul's Prep										3	
St. Peter-Marian	1		2	2	2	2	1	1	3		
Utah					1						
Whitinsville Christian Academy	1										
Worcester Academy		1		1	1	3	6	4		6	1
Totals	40	44	75	55	58	47	48	47	36	37	30

Totals by Schools	
	10/1/21
PRESCHOOL	164
BEAL	583
COOLIDGE	255
FLORAL	508
PATON	312
SPRING	297
SHERWOOD	953
OAK MIDDLE	979
HIGH SCHOOL	1834
TOTAL ENROLLMENT	5885
Total Out of District Special Education	62
Total Vocational High School	96
Total Walk Ins	38
TOTAL	196
Totals by Grade	
Preschool	164
Kindergarten	343
Grade 1	339
Grade 2	417
Grade 3	429
Grade 4	427
Elem. Subtotal	2119
Grade 5	484
Grade 6	469
Grade 7	481
Grade 8	498
Middle Subtotal	1932
Grade 9	459
Grade 10	450
Grade 11	464
Grade 12	461
HS Subtotal	1834
Grand Total	5885