Shrewsbury Public Schools

Preschool – Grade 12 Enrollment Report

Preschool – Grade 8 Class Size Report

2020-2021

Data based on enrollment numbers as of October 1, 2020

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 52 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 52 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: 2011-2020

The chart below illustrates the district's enrollment for the past 10 school years. Please note that the drop in enrollment of 258 students overall for the district (-4.1%) for this year is an anomaly that is undoubtedly related to the pandemic. At the preschool level, there is a 102 student reduction as the district is not providing all remote programming for preschool and many families declined to participate in person. At kindergarten there is a 71 student reduction; anecdotally, districts across the state are seeing much lower enrollments in both preschool and kindergarten, with the assumption that many families are holding their students out of these non-mandatory grades to start them a year later in the hopes that school will be back to normal by then, rather than have them participate in a hybrid or remote program. Preschool and kindergarten reductions of 173 make up 67% of the overall district drop in enrollment; the other third includes some reductions here and there and the normal loss of students between Grade 8 and Grade 9 due to students leaving to attend vocational technical high school or private high schools.

PreK-12 Actual Enrollment 2011-2020 (as of October 1 of each year)
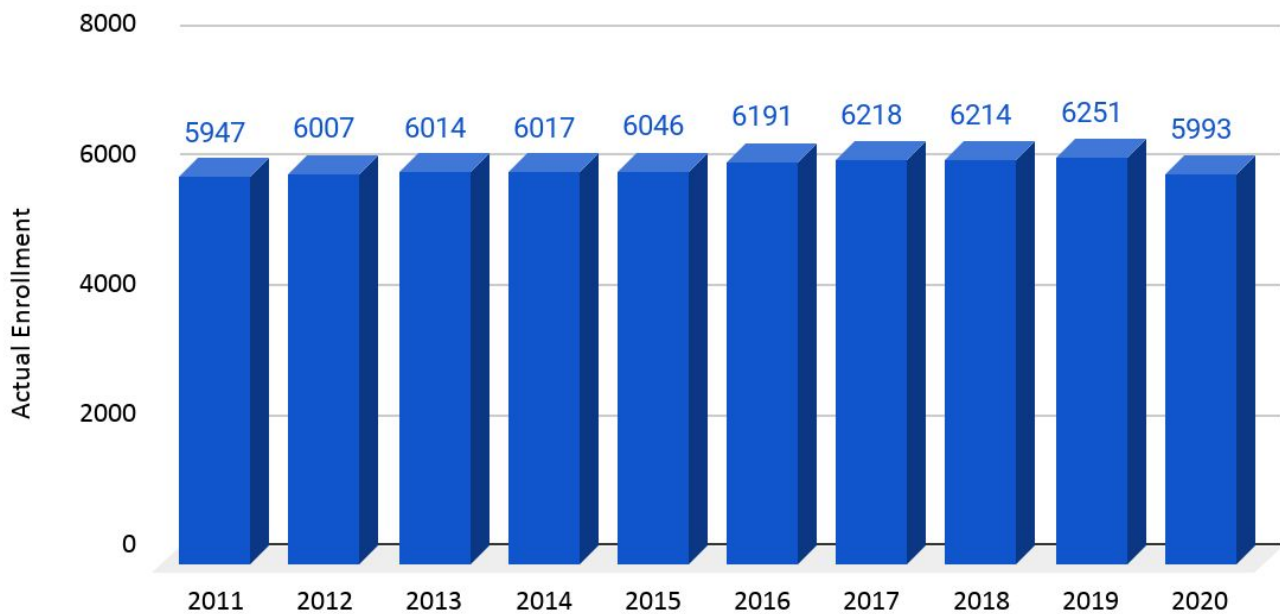
Enrollment by Grade October 1, 2020

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, 2020 are displayed in the chart below:

2020 PreK-12 Enrollment by Grade Level (October 1)

Oct. 1 2020

Grade Level	Count
PreK	118
Kinder	291
1	409
2	436
3	428
4	484
5	474
6	491
7	503
8	484
9	459
10	480
11	472
12	464
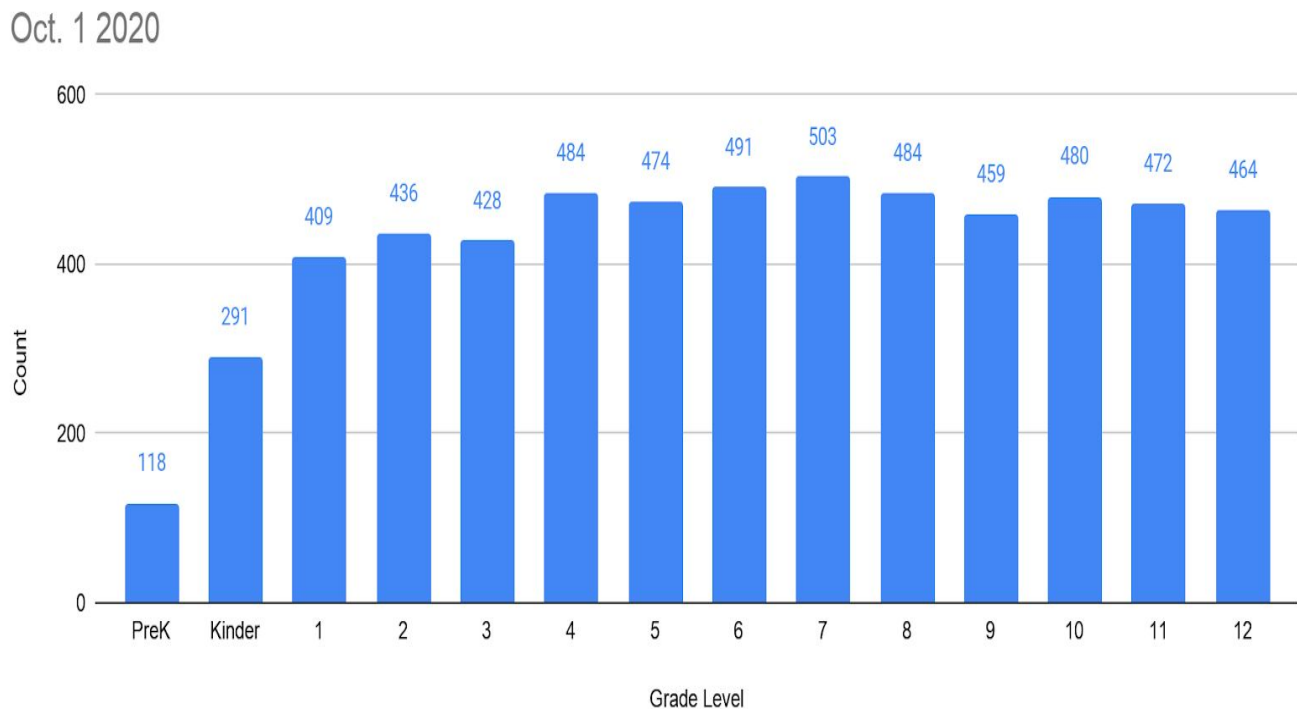
Enrollment History by Grade Level
2011-2020

Grade	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
PreK	243	262	250	234	238	232	237	243	220	118
K	341	364	392	346	356	388	355	351	362	291
1	429	416	399	430	424	418	424	424	426	409
2	457	447	450	430	446	459	437	447	439	436
3	464	474	452	462	439	460	476	454	470	428
4	516	458	480	467	474	462	482	494	455	484
5	485	524	462	487	473	487	464	490	493	474
6	476	465	518	469	500	490	502	468	502	491
7	462	473	490	529	481	511	493	511	478	503
8	443	466	471	478	547	492	516	495	514	484
9	414	408	420	432	413	513	451	460	470	459
10	414	421	406	423	440	428	513	447	469	480
11	413	417	421	410	412	441	429	501	452	472
12	390	412	403	420	403	410	439	429	501	464
Total P-12	5947	6007	6014	6017	6046	6191	6218	6214	6251	5993
% Annual Change	0.07%	1.01%	0.12%	0.05%	0.48%	2.41%	0.44%	-0.06%	0.61%	-4.31%

Special Education
Out of District Placements

Grade	Pre	K	1	2	3	4	5	6	7	8	9	10	11	12	13*	Total
2016	0	0	0	1	1	1	1	1	4	3	5	9	9	12	22	69
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

*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
2016	18	31	24	35	108
2017	28	19	28	22	97
2018	34	27	19	27	107
2019	25	34	26	18	103
2020	35	22	31	25	113

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
2011	19	19	N/A	18
2012	20	19	N/A	21
2013	19	20	N/A	20
2014	19	20	20	20
2015	20	20	21	20
2016	19	20	20	20
2017	18	20	20	20
2018	16	22	22	21
2019	20	20	20	21
2020	16	15	12	15
Avg.	19	20	21	21

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
2011	27	26	26	25
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
Avg.	26	26	26	26

Elementary 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	C	F	P	S	C	F	P	S	C	F	P	S
2011	22	17	22	21	20	22	24	23	22	21	23	22	21	25	24	26	25
2012	N/A	20	23	20	25	25	22	21	21	22	25	23	23	29	29	28	29
2013	N/A	19	20	19	22	26	30	21	28	27	25	29	21	24	25	24	24
2014	21	22	22	21	22	22	21	20	19	19	24	22	20	22	22	24	22
2015	19	23	21	20	19	21	22	23	22	22	21	20	21	19	24	23	22
2016	23	18	22	19	22	23	21	23	22	23	23	23	24	24	24	22	22
2017	18	22	22	20	18	18	24	20	19	24	24	22	25	24	24	24	25
2018	18	22	22	21	23	22	22	22	18	25	24	22	19	19	22	24	26
2019	22	22	24	20	19	23	20	23	19	23	23	22	26	18	24	22	20
2020	19	18	20	19	17	19	20	21	20	18	21	23	21	20	22	20	21
AVG	21	21	22	20	21	22	23	22	21	23	24	23	22	23	24	24	24

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	464	8.92%
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%

Kindergarten Enrollment Numbers: Full Day/Half Day

Total Kindergarten		Full Day			Half Day		
Year	Enrollment	Sections	Students	Percentage	Sections	Students	Percentage
2006	378	3	57	15%	17	321	85%
2007	376	4	80	21%	17	296	79%
2008	342	4	77	23%	14	265	77%
2009	348	5	96	28%	13	252	72%
2010	372	8	166	45%	10	206	55%
2011	341	8	158	46%	10	183	54%
2012	364	15	307	84%	3	57	16%
2013	392	15	318	81%	4	74	19%
2014	346	12	242	70%	6	104	30%
2015	356	12	240	67%	6	116	33%
2016	388	14	275	71%	6	113	29%
2017	355	11	216	61%	8	139	39%
2018	351	10	208	59%	10	143	41%
2019	362	13	252	70%	6	110	30%
2020	291	19	291	100%	0	0	0

	09/10	10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21
Bancroft	1			1	10					3	4	2
Boston Latin	2											
Cambridge School										1		
Catholic Memorial	1											
Cushing Academy								1	1			
East Catholic								1				
Gann Academy		1										
Groton School						1	1		1			
Hillside								1			1	
Holy Name				1	4			1	2		1	
Marionapolis											1	
Milton Academy								1				
Noble & Greenough										1		
Notre Dame	5	3	3	6	12	3	4	1	1	1		
Phillips Academy												
St. John's	42	34	35	33	47	46	47	35	35	35	26	25
St. Mark's		2		2		2	2	1	1	1		1
St. Paul's												3
St. Peter-Marian		2	1		2	2	2	2	1	1	3	
The Rivers		1										
Whitinsville Christian Academy		1	1									
Utah							1					
Westford Academy												1
Worcester Academy	2			1		1	1	3	6	4		6
Totals	53	44	40	44	76	55	58	47	48	47	36	38

Totals by Schools	
	10/1/20
PRESCHOOL	118
BEAL	255
COOLIDGE	432
FLORAL	678
PATON	351
SPRING	332
SHERWOOD	965
OAK MIDDLE	987
HIGH SCHOOL	1875
TOTAL ENROLLMENT	**5993**
Total Out of District Special Education	63
Total Vocational High School	113
Total Walk Ins	52
TOTAL	**228**
Totals by Grade	
Preschool	118
Kindergarten	291
Grade 1	409
Grade 2	436
Grade 3	428
Grade 4	484
Elem. Subtotal	**2166**
Grade 5	474
Grade 6	491
Grade 7	503
Grade 8	484
Middle Subtotal	**1952**
Grade 9	459
Grade 10	480
Grade 11	472
Grade 12	464
HS Subtotal	**1875**
Grand Total	**5993**

Cohorts by School (based on Oct 30th enrollment)

School	A1 (4.5)	A2 (4)	B (M,T)	C (R,F)	D (Remote)
Shrewsbury High School	10	18	780	797	270
Oak Middle School	9	21	325	305	325
Sherwood Middle School	15	26	286	294	344
Calvin Coolidge School	7	30	109	111	176
Walter J. Paton School	10	22	113	114	92
Spring Street School	6	12	114	114	87
Floral Street School	6	23	155	142	362
Beal Early Childhood Center	9	12	43	51	141
Parker Road Preschool	20	67	7	4	20
Totals	92	231	1932	1932	1817

Cohort by Grade Level

Cohort by grade level	A1 (4.5)	A2 (4)	B (M,T)	C (R,F)	D (Remote)
PreK	20	67	7	4	20
K	7	17	70	77	123
1	11	18	103	96	181
2	6	24	121	113	173
3	7	21	113	110	183
4	7	19	127	136	198
5	7	11	144	147	164
6	8	15	142	147	180
7	3	12	170	144	174
8	6	9	155	161	151
9	4	4	182	211	58
10	4	6	215	187	69
11	0	5	193	197	77
12	2	3	190	202	66
Totals	92	231	1932	1932	1817