

# **Shrewsbury Public Schools**

## **Preschool – Grade 12 Enrollment Report**

### **Preschool – Grade 8 Class Size Report**

# **2019-2020**

**Data based on enrollment numbers as of October 1, 2019**

# 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 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 1<sup>st</sup> 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 1<sup>st</sup> 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.

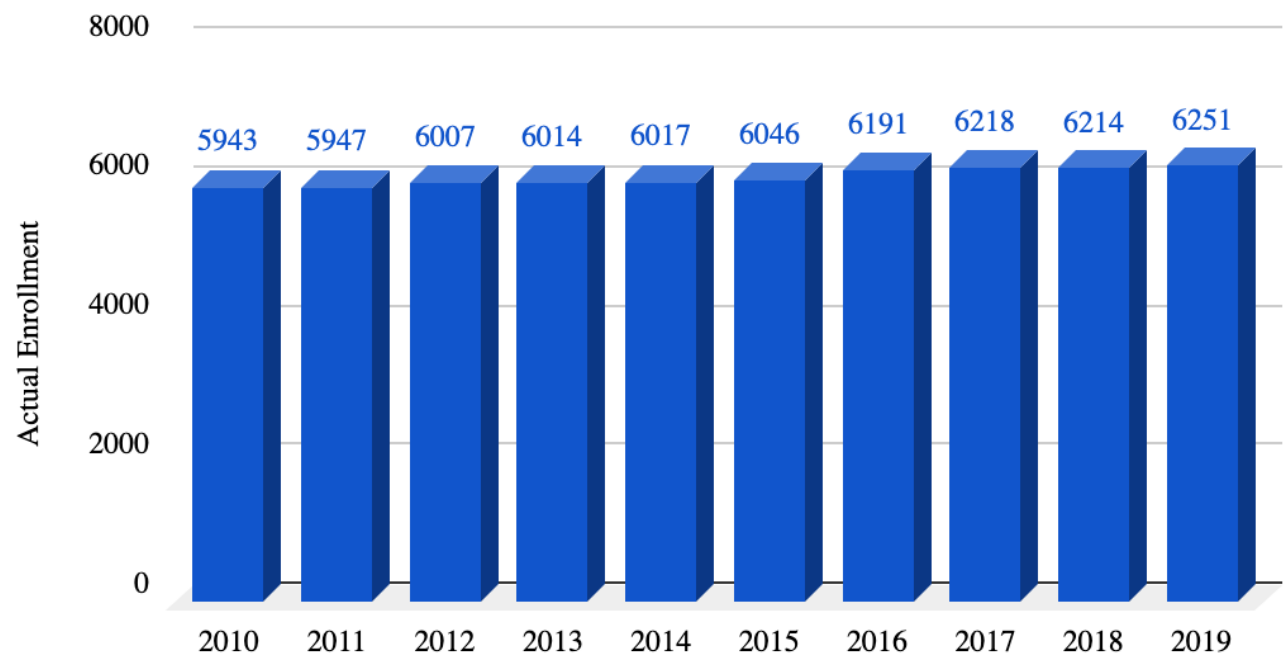
#### **Local Budget and Capital Planning**

On a local level, we use the October 1<sup>st</sup> 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: 2010-2019**

The chart below illustrates the district’s enrollment for the past 10 school years, which reflects growth from 5943 to 6251, an increase of 308 students over the past decade, or 5.18%. The one-year increase from 2018 to 2019 was from 6214 to 6251, a 37 student increase, or 0.6% (six-tenths of one percent).

**PreK-12 Actual Enrollment 2010-2019 (as of October 1 of each year)**

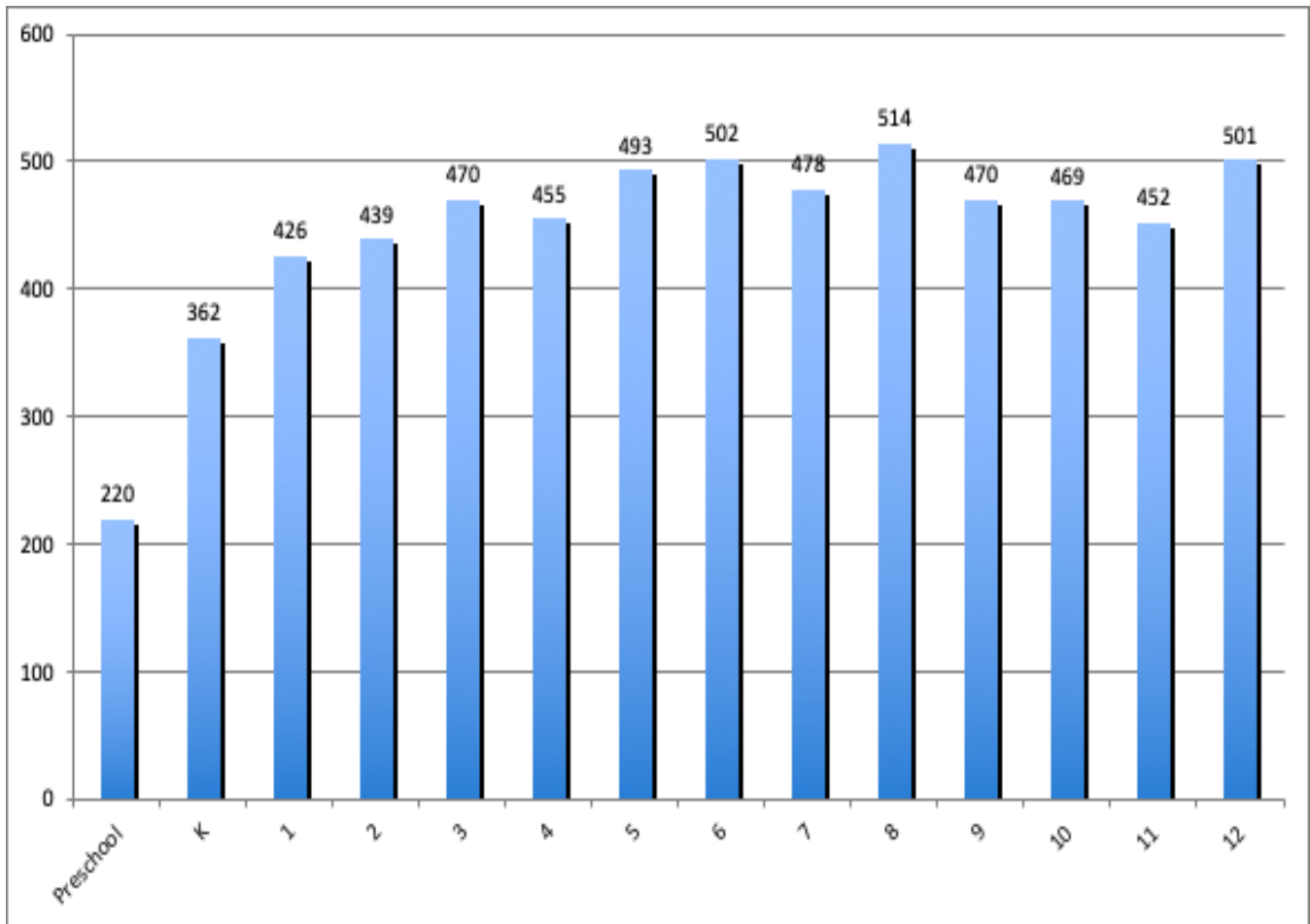


## SHREWSBURY PUBLIC SCHOOLS 2019 ENROLLMENT BY GRADE

### Enrollment by Grade October 1, 2019

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, 2019 are displayed in the chart below:

### 2019 PreK-12 Enrollment (October 1)



## Enrollment History by Grade Level 2010-2019

| Grade           | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018   | 2019  |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| PreK            | 241   | 243   | 262   | 250   | 234   | 238   | 232   | 237   | 243    | 220   |
| K               | 372   | 341   | 364   | 392   | 346   | 356   | 388   | 355   | 351    | 362   |
| 1               | 429   | 429   | 416   | 399   | 430   | 424   | 418   | 424   | 424    | 426   |
| 2               | 448   | 457   | 447   | 450   | 430   | 446   | 459   | 437   | 447    | 439   |
| 3               | 515   | 464   | 474   | 452   | 462   | 439   | 460   | 476   | 454    | 470   |
| 4               | 472   | 516   | 458   | 480   | 467   | 474   | 462   | 482   | 494    | 455   |
| 5               | 469   | 485   | 524   | 462   | 487   | 473   | 487   | 464   | 490    | 493   |
| 6               | 465   | 476   | 465   | 518   | 469   | 500   | 490   | 502   | 468    | 502   |
| 7               | 435   | 462   | 473   | 490   | 529   | 481   | 511   | 493   | 511    | 478   |
| 8               | 479   | 443   | 466   | 471   | 478   | 547   | 492   | 516   | 495    | 514   |
| 9               | 401   | 414   | 408   | 420   | 432   | 413   | 513   | 451   | 460    | 470   |
| 10              | 417   | 414   | 421   | 406   | 423   | 440   | 428   | 513   | 447    | 469   |
| 11              | 390   | 413   | 417   | 421   | 410   | 412   | 441   | 429   | 501    | 452   |
| 12              | 410   | 390   | 412   | 403   | 420   | 403   | 410   | 439   | 429    | 501   |
| Total P-12      | 5943  | 5947  | 6007  | 6014  | 6017  | 6046  | 6191  | 6218  | 6214   | 6251  |
| % Annual Change | 1.75% | 0.07% | 1.01% | 0.12% | 0.05% | 0.48% | 2.41% | 0.44% | -0.06% | 0.61% |

## Special Education Out of District Placements

| Grade | Pre | K | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13* | Total |
|-------|-----|---|---|---|---|---|---|---|---|---|---|----|----|----|-----|-------|
| 2015  | 0   | 0 | 1 | 1 | 1 | 0 | 1 | 5 | 3 | 5 | 8 | 10 | 10 | 5  | 22  | 72    |
| 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    |

\*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 |
|-------|----|----|----|----|-------|
| 2015  | 37 | 25 | 35 | 24 | 121   |
| 2016  | 18 | 31 | 24 | 35 | 108   |
| 2017  | 28 | 19 | 28 | 22 | 97    |
| 2018  | 34 | 27 | 19 | 27 | 107   |
| 2019  | 25 | 34 | 26 | 18 | 103   |

## 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 |
|------|------|----------|-------|--------|
| 2010 | 21   | 21       | N/A   | 19     |
| 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     |
| Avg. | 19   | 20       | 21    | 20     |

### 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 |
|------|---------|---------|---------|---------|
| 2010 | 26      | 26      | 24      | 27      |
| 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      |
| Avg. | 26      | 26      | 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

| B=Beal; C=Coolidge; F=Floral P=Paton; S=Spring |            |    |    |    |    |            |    |    |    |            |    |    |    |            |    |    |    |
|--|------------|----|----|----|----|------------|----|----|----|------------|----|----|----|------------|----|----|----|
|  | Grade 1    |    |    |    |    | Grade 2    |    |    |    | Grade 3    |    |    |    | Grade 4    |    |    |    |
|  | (SC 20-22) |    |    |    |    | (SC 20-22) |    |    |    | (SC 22-24) |    |    |    | (SC 22-24) |    |    |    |
|  | B          | C  | F  | P  | S  | C          | F  | P  | S  | C          | F  | P  | S  | C          | F  | P  | S  |
| 2010   | 21         | 20 | 23 | 22 | 21 | 21         | 22 | 21 | 20 | 24         | 24 | 26 | 24 | 21         | 23 | 23 | 22 |
| 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 |
| 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<br>% Change |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| Class of<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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%                 |
| Class of<br>2007 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |                      |
| Enrollment       | 366  | 375  | 389  | 395  | 394  | 389  | 400  | 395  | 356  | 360  | 345  | 351  | -4.1%                |

## Kindergarten Enrollment Numbers: Full Day/Half Day

| Total Kindergarten |            | Full Day |          |            | Half Day |          |            |
|--------------------|------------|----------|----------|------------|----------|----------|------------|
| Year               | Enrollment | Sections | Students | Percentage | Sections | Students | Percentage |
| 2005               | 394        | 3        | 51       | 13%        | 18       | 343      | 87%        |
| 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%        |

## Kindergarten Enrollment: Actual versus Town Manager Projections

| Kindergarten |                   |                    |              |
|--------------|-------------------|--------------------|--------------|
| Year         | Actual Enrollment | TM Projection      | % Difference |
| 2006         | 378               | 397                | -4.8%        |
| 2007         | 376               | 410                | -8.3%        |
| 2008         | 342               | 362                | -5.5%        |
| 2009         | 348               | 376 (357 modified) | -7.5%        |
| 2010         | 372               | 336                | 10.7%        |
| 2011         | 341               | 312                | 9.3%         |
| 2012         | 364               | 299                | 21.7%*       |
| 2013         | 392               | 353                | 11.0%*       |
| 2014         | 346               | 384                | -9.9%        |
| 2015         | 356               | 320                | 11.3%        |
| 2016         | 388               | 383                | 1.3%         |
| 2017         | 355               | 350                | 1.4%         |
| 2018         | 351               | 397                | -11.6%       |
| 2019         | 362               | 347                | 4.32%        |

\*Full day sections increased from 8 to 15 in 2012 allowing for families who desired full day to enroll. This continued in 2013.

There are 13 sections of full day for 2019, which is three more than last year.  
Tuition for full day kindergarten is \$2,400 annually.

Note: New England School Development Council projection for 2019 was 338 students.

## Students Transferring to Private for Grade 9

|                                | 08/09     | 09/10     | 10/11     | 11/12     | 12/13     | 13/14     | 14/15     | 15/16     | 16/17     | 17/18     | 18/19     | 19/20     |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Bancroft                       |           | 1         |           |           | 1         | 10        |           |           |           |           | 3         | 4         |
| Boston Latin                   | 1         | 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                      | 2         |           |           |           | 1         | 4         |           |           | 1         | 2         |           | 1         |
| Marionapolis                   |           |           |           |           |           |           |           |           |           |           |           | 1         |
| Milton Academy                 |           |           |           |           |           |           |           |           | 1         |           |           |           |
| Noble & Greenough              |           |           |           |           |           |           |           |           |           |           | 1         |           |
| Notre Dame                     | 8         | 5         | 3         | 3         | 6         | 12        | 3         | 4         | 1         | 1         | 1         |           |
| Phillips Academy               |           |           |           |           |           |           |           |           |           |           |           |           |
| St. John's                     | 38        | 42        | 34        | 35        | 33        | 47        | 46        | 47        | 35        | 35        | 35        | 26        |
| St. Mark's                     |           |           | 2         |           | 2         |           | 2         | 2         | 1         | 1         | 1         |           |
| St. Peter-Marian               |           |           | 2         | 1         |           | 2         | 2         | 2         | 2         | 1         | 1         | 3         |
| The Rivers                     |           |           | 1         |           |           |           |           |           |           |           |           |           |
| Whitinsville Christian Academy |           |           | 1         | 1         |           |           |           |           |           |           |           |           |
| Utah                           |           |           |           |           |           |           |           | 1         |           |           |           |           |
| Worcester Academy              |           | 2         |           |           | 1         |           | 1         | 1         | 3         | 6         | 4         |           |
| <b>Totals</b>                  | <b>49</b> | <b>53</b> | <b>44</b> | <b>40</b> | <b>44</b> | <b>76</b> | <b>55</b> | <b>58</b> | <b>47</b> | <b>48</b> | <b>47</b> | <b>36</b> |

| <b>Totals by Schools</b>                |                |
|---|----------------|
|   | <b>10/1/19</b> |
| PRESCHOOL                               | 220            |
| BEAL                                    | 311            |
| COOLIDGE                                | 405            |
| FLORAL                                  | 723            |
| PATON                                   | 362            |
| SPRING                                  | 351            |
| SHERWOOD                                | 995            |
| OAK MIDDLE                              | 992            |
| HIGH SCHOOL                             | 1892           |
| <b>TOTAL ENROLLMENT</b>                 | <b>6251</b>    |
|   |                |
| Total Out of District Special Education | 62             |
| Total Vocational High School            | 103            |
| Total Walk Ins                          | 29             |
| <b>TOTAL</b>                            | <b>194</b>     |
|   |                |
| <b>Totals by Grade</b>                  |                |
| Preschool                               | 220            |
| Kindergarten                            | 362            |
| Grade 1                                 | 426            |
| Grade 2                                 | 439            |
| Grade 3                                 | 470            |
| Grade 4                                 | 455            |
| <b>Elem. Subtotal</b>                   | <b>2372</b>    |
| Grade 5                                 | 493            |
| Grade 6                                 | 502            |
| Grade 7                                 | 478            |
| Grade 8                                 | 514            |
| <b>Middle Subtotal</b>                  | <b>1987</b>    |
| Grade 9                                 | 470            |
| Grade 10                                | 469            |
| Grade 11                                | 452            |
| Grade 12                                | 501            |
| <b>HS Subtotal</b>                      | <b>1892</b>    |
| <b>Grand Total</b>                      | <b>6251</b>    |