



# **Demographic Study**

for the

**East Brunswick Public Schools**

**August 2014**

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## Executive Summary

Statistical Forecasting performed a detailed demographic study for the East Brunswick Public Schools, computing grade-by-grade enrollment projections from 2014-15 through 2023-24. In addition, information was collected related to community population trends and age structure, birth and fertility rates, historical enrollments, new housing starts, and student yields by housing type. A secondary analysis was completed regarding housing turnover in East Brunswick Township and its projected impact on enrollment. Finally, student addresses from both the 2008-09 and 2013-14 school years were geocoded, or electronically “pin-mapped”, into a mapping software program. A series of maps were created to show the five-year changes in the relative concentrations of where students live and the sections of the township that have the most children per housing unit.

At the municipal level, East Brunswick’s population had its greatest growth in the 1950s, when its population more than tripled. After gaining approximately 14,000 people in the 1960s, the population began to grow at a much slower rate. In the most recent decade, East Brunswick grew by only 756 persons, a 1.6% gain. Forecasts project the population to be 54,507 in 2040, which would be a 14.7% increase from the 2010 population of 47,512.

East Brunswick is racially diverse, and has become even more so in the last ten years. In 2010, East Brunswick was 69.4% White, which is an 8.2 percentage point decline from 2000. Asians are the second-largest race, making up nearly 23% of the population. Approximately one-third of the population is foreign-born; China and India are the largest sources.

The number of births, which is used to project kindergarten enrollment, has been declining in East Brunswick. After peaking at 519 births in 2001, there were 347 births in 2010, which are 172 fewer births than nine years prior. Births were also compiled by elementary attendance area and were greatest in the Lawrence Brook attendance area. Upon comparing the change in the number of births by census tract from 2003 to 2009, the greatest decline occurred in the eastern section of the township, which partially contains the Chittick and Bowne-Munro elementary attendance areas. Regarding fertility rates, East Brunswick’s rates are lower than those of both Middlesex County and the State of New Jersey. Age-sex diagrams show that there are low percentages of females in the 20-34 age group, which corresponds to the ages when most females have their children. The combination of low fertility rates and a low percentage of females in this age group have likely led to the declining birth rate in the township.

The district has experienced negative kindergarten replacement in the last two years and negative first grade replacement for the seven years prior. Negative kindergarten replacement occurs when the number of graduating 12<sup>th</sup> grade students is larger than the number of kindergarten students replacing them in the next year. Since the district had a half-day kindergarten program prior to 2012-13, it is more appropriate to compare the 12<sup>th</sup> grade student population to the first grade student population, as the district gains a number of students from kindergarten to first grade when parents elect to send their child to a full-day kindergarten program elsewhere before enrolling them in the public school district for the first grade. In the last ten years, negative kindergarten/first grade replacement has ranged from 84.5 to 286 students

per year. Some of the negative kindergarten/first grade replacement is being offset by an inward migration of students in the other grades.

Historical enrollment by race for the district was compared for 2008-09 and 2013-14. Whites are the majority race at 56.3% in 2013-14, but the percentage of Whites has declined by 3.5 percentage points since 2008-09. Asians made up a larger share of the population, 32.1%, in 2013-14, which is a gain of 2.4 percentage points from 2008-09. At the elementary school level, the percentage of Whites ranged from a low of 44.7% at Irwin to a high of 69.0% at Bowne-Munro. Five of the eight elementary schools had a percentage point decline in the White population with the largest occurring at Memorial (7.5 percentage points). The percentage of Blacks and Hispanics has been fairly stable. Regarding Asians, who are the second-largest race, the highest percentage was in Irwin (39.4%) and the lowest in Bowne-Munro (15.5%). At Hammariskjold, Churchill, and East Brunswick High School, the percentage of Whites has declined while the percentage of Asians has increased.

As a proxy for measuring poverty in the school district, the number of students receiving free or reduced lunch in 2008-09 and 2013-14 was analyzed. At the district level, the number and percent of students receiving free or reduced lunch has been increasing. Whereas 789 students (8.9%) received free or reduced lunch in the school district in 2008-09, the number increased to 1,304 (15.8%) in 2013-14. Nearly one-quarter of the district's free or reduced lunch population attend East Brunswick High School. At the elementary school level, all schools have a higher percentage of students receiving free or reduced lunch in 2013-14 as compared to 2008-09. The largest increases in the number of students receiving free or reduced lunch over this time period occurred in Memorial (+55) and Irwin (+54). Of the elementary schools, Irwin had the greatest percentage (7.9%) of the district's free or reduced lunch population while Warnsdorfer had the smallest (2.2%).

Regarding new housing in East Brunswick, there is the potential for 533 multi-family housing units. The first project, which is currently under construction, is the redevelopment of the Golden Triangle. The residential component of the project calls for 400 market-rate rental apartment units consisting of one to three bedrooms. A second project, located at 85 Main Street near the Spotswood border, would consist of 133 two-bedroom apartments and townhouses. Twenty of the units would be set aside for low and moderate income households. The developments would impact the Lawrence Brook and Bowne-Munro elementary attendance areas respectively. It is estimated that 169 public school children (K-12) would come from these two developments.

A detailed student yield (children per housing unit) analysis was completed for detached single-family homes, townhouses/condominiums, and apartments. For detached single-family homes, the overall student yield is 0.56. Regarding developments that contain townhouses or condominiums, there are 1,401 students in 3,427 units, resulting in an overall student yield of 0.41. Student yields by townhouse/condominium development are quite varied, ranging from 0.19 to 0.81. Student yields were also computed for four large-scale apartment developments in East Brunswick. The average student yield is 0.32 children per unit and ranges between 0.21 and 0.42. The largest yields are in Cranbury Crossing (0.39) and Taylor Gardens (0.42).



Enrollment in the district as of October 2013 was 8,250.5 students, which represents a loss of 796.5 students since the 2004-05 school year. Over this time period, enrollment has declined annually with the exception of 2013-14, in which a small gain of 32 students occurred.

At the PK-5 level, enrollment has declined annually since 2005-06 before reversing trend in 2013-14. Grade PK-5 enrollment in 2013-14 was 3,342 students, which represents a loss of 480 students from the 3,822 students in the 2004-05 year. For grades 6-7 at Hammarskjold Middle School, enrollment was 1,357 in 2013-14, which is a loss of 148 students from the 1,505 students in the 2004-05 year. At Churchill Junior High School, which contains grades 8 and 9, enrollment was 1,316.5 students in 2013-14, which represents a loss of 165.5 students from the 1,482 students in the 2004-05 year. Finally, at East Brunswick High School, which contains grades 10-12, enrollment has been fairly stable in the last ten years, ranging from 2,193.5 to 2,302 students per year. High school enrollment in 2013-14 was 2,235 students, which is essentially unchanged from 2004-05.

Using the Cohort-Survival Ratio method, total enrollment in the district, adjusted for housing growth, is projected to be 7,761 students in 2018-19 (five-year projection), which would represent a loss of 489.5 students from the 2013-14 enrollment of 8,250.5 students. Enrollment in 2023-24 (ten-year projection) is projected to be 7,509 students in 2018-19, which would represent a loss of 741.5 students from the 2013-14 enrollment.

For grades PK-5, enrollment is projected to be 3,304 students in 2018-19, which would represent a loss of 38 students from the 2013-14 enrollment of 3,342 students. In 2023-24, enrollment is projected to be 3,310 students, which would represent a loss of 32 students from the 2013-14 enrollment.

For grades 6-7 at Hammarskjold, enrollment is projected to be 1,196 in 2018-19, which would be a loss of 161 students from the 2013-14 enrollment of 1,357. Enrollment is projected to be 1,182 in 2023-24, which would be a loss of 175 students from the 2013-14 enrollment.

For grades 8-9 at Churchill, enrollment is projected to be 1,224 in 2018-19, which would be a loss of 92.5 students from the 2013-14 enrollment of 1,316.5 students. Enrollment is projected to be 1,126 in 2023-24, which would be a loss of 190.5 students from the 2013-14 enrollment.

Finally, for grades 10-12 at East Brunswick High School, enrollment is projected to be 2,037 in 2018-19, which would be a loss of 198 students from the 2013-14 enrollment of 2,235 students. Enrollment is projected to be 1,891 in 2023-24, which would be a loss of 344 students from the 2013-14 enrollment.

The educational capacities of the school buildings in the East Brunswick Public Schools were compared to the actual enrollments in 2013-14 and the adjusted projected enrollments in the 2018-19 and 2023-24 school years. The educational capacities were obtained from a recently-completed study by Parette Somjen Architects and were computed using Facilities Efficiency Standards ("FES") methodology from the New Jersey Department of Education, which takes into account square footage allowances per student. The FES standards have

recommended square footages and capacities for different room type usages found within a school. It should be noted that the capacity values are not fixed and can change from year-to-year based on classroom usage. For instance, additional special education classes in a building would reduce the building capacity. In each school, there is currently a surplus of seating with the smallest being at Irwin and the largest at East Brunswick High School. By 2018-19 and 2023-24, surpluses will remain in each of the schools in the district. However, if additional special education classes are introduced, the number of surplus seats would decrease. Despite the anticipated new housing in the Bowne-Munro and Lawrence Brook elementary attendance areas, it appears that each school will be able to accommodate the additional students.

Finally, a series of maps were created by geocoding or “pin-mapping” student addresses from the school district for 2008-09 and 2013-14. The greatest number of children per census block in 2013-14 is located in the south-central section of East Brunswick, corresponding to the Frost attendance area, and the western section, corresponding to the Warnsdorfer attendance area. The density of students in square miles, were mapped for both 2008-09 and 2013-14. The greatest student densities in 2013-14 are in the eastern section of the township corresponding to the Chittick attendance area. Densities are also high in the center of East Brunswick, which crosses three elementary attendance zones (Central, Irwin, and Memorial). Student density has decreased in the area predominantly served by Bowne-Munro. In 2013-14, student yields were greatest in the southeast section of East Brunswick, corresponding predominantly to the Frost attendance area. Yields have decreased in the Bowne-Munro, Chittick, and Warnsdorfer elementary attendance areas.

Another type of enrollment forecast was completed based on student yields and housing turnover rates (resales) in East Brunswick. The purpose of this method is not to use the projections for future planning, as the Cohort-Survival Ratio method is the most accurate method available, but is instead used to see whether the enrollment projections may be affected by housing turnover causing an increase in enrollment. If East Brunswick’s future turnover rates are similar to those that have occurred historically, enrollment is then likely to decline.

## Introduction

Statistical Forecasting LLC was contracted to perform a demographic study for the East Brunswick Public Schools. The purpose of the study is to compute grade-by-grade enrollment projections from 2014-15 through 2023-24. Additional information was also collected related to community population trends and age structure, birth and fertility rates, historical enrollments, new housing starts, and student yields by housing type. A secondary analysis was completed regarding housing turnover in East Brunswick Township and its projected impact on enrollment. Finally, student addresses from both the 2008-09 and 2013-14 school years were geocoded, or electronically “pin-mapped”, into a mapping software program. A series of maps were created to show the five-year changes in the relative concentrations of where students live and the sections of the township that have the most children per housing unit.

## Population Trends in East Brunswick

Located in Middlesex County, East Brunswick Township (“East Brunswick”) contains a land area of approximately 21.95 square miles with an additional 0.43 square miles of water area. In the recently released 2010 Census, East Brunswick had 47,512 residents, which is 2,164.6 persons per square mile. Historical and projected populations for East Brunswick from 1940 to 2040 are shown in Table 1 and Figure 1.

**Table 1**  
**Historical and Projected Populations for**  
**East Brunswick from 1940-2040**

| Year                          | Population <sup>1</sup> | Percent Change |
|-------------------------------|-------------------------|----------------|
| <b>Historical<sup>1</sup></b> |                         |                |
| <b>1940</b>                   | 3,706                   | N/A            |
| <b>1950</b>                   | 5,699                   | +53.8%         |
| <b>1960</b>                   | 19,965                  | +250.3%        |
| <b>1970</b>                   | 34,166                  | +71.1%         |
| <b>1980</b>                   | 37,711                  | +10.4%         |
| <b>1990</b>                   | 43,548                  | +15.5%         |
| <b>2000</b>                   | 46,756                  | +7.4%          |
| <b>2010</b>                   | 47,512                  | +1.6%          |
| <b>Projected<sup>2</sup></b>  |                         |                |
| <b>2020</b>                   | 50,866                  | +7.1%          |
| <b>2030</b>                   | 54,141                  | +6.4%          |
| <b>2040</b>                   | 54,507                  | +0.7%          |

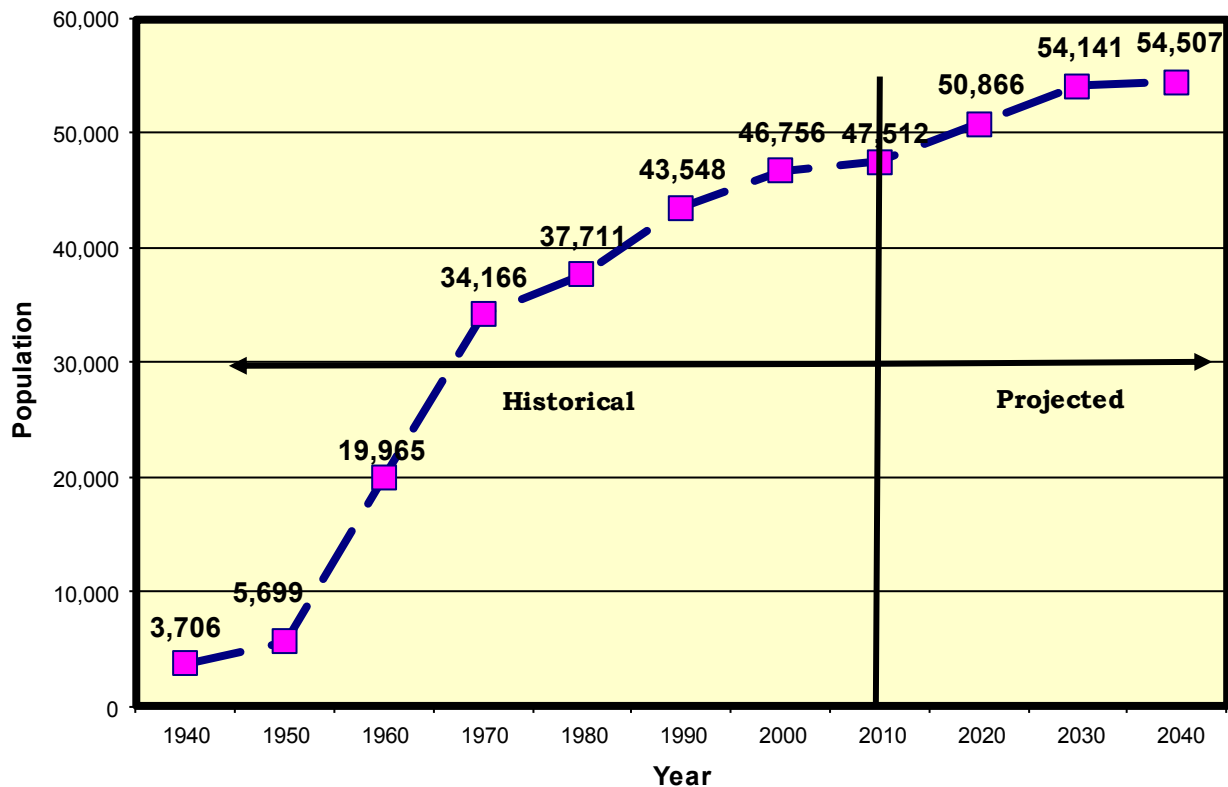
**Notes:** <sup>1</sup>Source: United States Census Bureau

<sup>2</sup>Source: North Jersey Transportation Planning Authority, Inc. (2013).

As shown in the table, East Brunswick's population had its greatest growth in the 1950s, when its population more than tripled. After gaining approximately 14,000 people in the 1960s, the population in East Brunswick began to grow at a much slower rate. In the last forty years, the population has grown by more than 13,000 persons, which is roughly equivalent to the population gain in the 1960s. In the most recent decade, East Brunswick grew by only 756 persons, a 1.6% gain.

Population projections for 2020-2040, which were prepared by the North Jersey Transportation Planning Authority, Inc. ("NJTPA"), indicate that the population in East Brunswick will continue to increase, albeit slowly. Forecasts project the population to be 54,507 in 2040, which would be a 14.7% increase from the 2010 population.

**Figure 1**  
**Historical and Projected Populations for East Brunswick**  
**1940-2040**



## Selected Demographic Characteristics

In Table 2 following, selected demographic characteristics of East Brunswick are compared from the 2000 Census, the 2010-2012 American Community Survey (“ACS”), and the 2010 Census. While some Census variables account for everyone in the population (e.g., age and race), other variables are collected from a sample (e.g., median family income, educational attainment, poverty status, etc.). The ACS replaced the long form of the Census, last administered in 2000 to approximately 16% of the population in the United States. For smaller geographic areas such as East Brunswick, ACS data represent a sample collected over a three-year time period, where the estimates represent the average characteristics between January 2010 and December 2012. This information does not represent a single point in time like the long form of earlier Censuses.

Regarding race, East Brunswick is predominantly White, yet has become more racially diverse since 2000. In 2010, East Brunswick was 69.4% White, which is an 8.2 percentage point decline from the 77.6% that existed in 2000. Asians made up the largest minority group at 22.8% in 2010, which is an increase of 6.5 percentage points from 2000. The Census Bureau does not consider Hispanic as a separate race; rather it identifies the percent of people having Hispanic origin. Hispanics in the Census population can be part of the White, Black, Asian, or any of the other race categories. It is not a mutually exclusive race category. The concentration of persons having Hispanic origin was 6.7% in 2010, which is a small increase from the 2000 percentage (4.2%).

Regarding nativity, nearly one-third (32.7%) of East Brunswick residents were foreign-born in the 2010-2012 ACS as compared to 23.5% in 2000, which is a gain of more than 4,500 foreign-born persons. While not shown in the table, place of birth, which serves as a proxy for country of origin, indicates that China and India were the largest sources of immigrants in 2000, accounting for 19.4% and 18.6% respectively of the foreign-born population. China and India are still the largest sources of immigrants according to the 2010-2012 ACS, accounting for 18.4% and 17.1% respectively of the foreign-born population.

The median age in East Brunswick increased from 39.1 years in 2000 to 42.5 years in 2010. During the same time period, the percentage of people under the age of 18 years decreased from 26.0% to 24.1%.

Regarding educational attainment for adults aged 25 and over, 54.8% of the population had a bachelor’s degree or higher in the 2010-2012 ACS as compared to 47.1% in 2000, indicating a well-educated population. Persons with graduate or professional degrees increased from 19.5% to 21.6% during this time period.

Median family income increased from \$86,863 in 2000 to \$108,267 in the 2010-2012 ACS. During this time period, the percentage of children under the age of 18 that are in poverty more than doubled from 3.1% to 6.6%.

**Table 2**  
**Selected Demographic Characteristics of East Brunswick**

|                                                  | <b>East Brunswick Township</b> |                           |
|--------------------------------------------------|--------------------------------|---------------------------|
| <b>Race Origin</b>                               | <b>2000</b>                    | <b>2010</b>               |
| White alone                                      | 77.6%                          | 69.4%                     |
| Black or African American alone                  | 2.8%                           | 4.0%                      |
| American Indian and Alaska Native alone          | 0.1%                           | 0.1%                      |
| Asian alone                                      | 16.3%                          | 22.8%                     |
| Native Hawaiian and Other Pacific Islander alone | 0.0%                           | 0.0%                      |
| Other Race alone                                 | 1.1%                           | 1.7%                      |
| Two or more Races                                | 2.1%                           | 2.1%                      |
| Total                                            | <b>100.0%<sup>1</sup></b>      | <b>100.0%<sup>1</sup></b> |
| Hispanic Origin                                  | 4.2%                           | 6.7%                      |
| <b>Place of Birth</b>                            |                                |                           |
| Foreign-Born                                     | 23.5%                          | 32.7%                     |
| <b>Age</b>                                       |                                |                           |
| Under 18                                         | 26.0%                          | 24.1%                     |
| 18-64                                            | 62.4%                          | 62.4%                     |
| 65 and over                                      | 11.6%                          | 13.5%                     |
| Median age                                       | 39.1 years                     | 42.5 years                |
| <b>Educational Attainment</b>                    |                                |                           |
| Bachelor's degree or higher                      | 47.1%                          | 54.8%                     |
| Graduate or professional degree                  | 19.5%                          | 21.6%                     |
| <b>Income</b>                                    |                                |                           |
| Median family income                             | \$86,863                       | \$108,267                 |
| % of Persons in Poverty under age 18             | 3.1%                           | 6.6%                      |
| <b>Housing Units</b>                             |                                |                           |
| Total number <sup>2</sup>                        | 16,640                         | 17,367                    |
| Occupied units                                   | 16,372 (98.4%)                 | 16,810 (96.8%)            |
| Owner-occupied units                             | 13,756 (84.0%)                 | 14,330 (85.2%)            |
| Renter-occupied units                            | 2,616 (16.0%)                  | 2,480 (14.8%)             |
| Median value of an owner-occupied unit           | \$212,800                      | \$368,500                 |
| <b>Housing Type</b>                              |                                |                           |
| Total number <sup>2</sup>                        | 16,640                         | 17,546                    |
| 1-unit, attached or detached                     | 13,336 (80.1%)                 | 14,423 (82.2%)            |
| Two units                                        | 228 (1.4%)                     | 284 (1.6%)                |
| Three or four units                              | 371 (2.2%)                     | 352 (2.0%)                |
| Five to nine units                               | 810 (4.9%)                     | 740 (4.2%)                |
| 10 to 19 units                                   | 1,076 (6.5%)                   | 883 (5.0%)                |
| 20 or more units                                 | 775 (4.7%)                     | 802 (4.6%)                |
| Mobile home                                      | 44 (0.3%)                      | 62 (0.4%)                 |

**Sources:** American Community Survey (2010-2012), United States Census (2000 and 2010)

**Notes:** <sup>1</sup>Data may not sum to 100.0% due to rounding.

<sup>2</sup>Total number differs in 2010 as Housing Units are a 100% population count while Housing Type data is taken from a sample.

Regarding housing, there were approximately 17,367 housing units in East Brunswick in 2010, which is a gain of 727 housing units (+4.4%) from 2000. From 2000 to 2010, the occupancy rate decreased by 1.6 percentage points, which may be a function of the downturn in the housing market. Renter-occupied units accounted for 14.8% of the occupied units in East Brunswick in 2010, which is a decline of 1.2 percentage points from 2000. The median home price of an owner-occupied unit in 2010 was \$368,500, which is a 73.2% gain from the value reported in 2000 (\$212,800).

With respect to housing type, 82.2% of the homes are one-unit, either attached or detached, which is a 2.1 percentage point increase from the 2000 Census. The second-largest percentage point change (-1.5 percentage points) over the last decade occurred for homes consisting of 10-19 units, which likely consists of renters. In general, the type of housing has not changed significantly since 2000.

If the renter population contains school-age children, a more mobile student population within the East Brunswick Public Schools may result. Since the Cohort-Survival Ratio method, which is used to project enrollments, depends upon stability within the student population, the forthcoming enrollment projections may be more susceptible to inaccuracies if the district has high mobility rates.

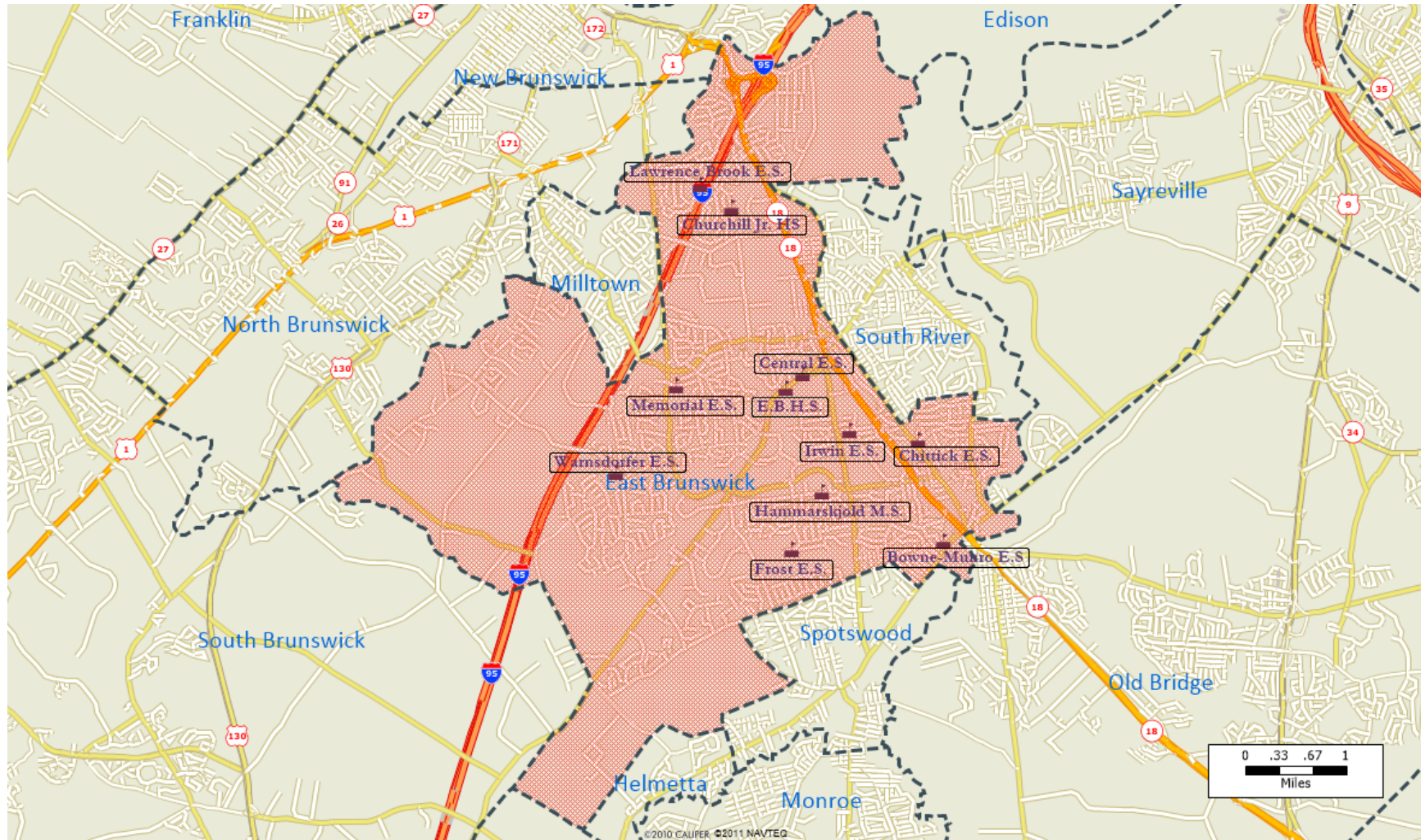
## **District Overview**

The East Brunswick Public Schools has eleven schools that serve grades pre-kindergarten through twelve. The locations of each of the schools are shown in Figure 2. The district has eight elementary schools (grades PK-5), one middle school (grades 6-7), one junior high school (grades 8-9), and one high school (grades 10-12). According to a recently-completed capacity study for the district by Parette Somjen Architects, total educational capacity in the district is 9,532 students using Facilities Efficiency Standards (“FES”) methodology. FES standards, which were created by the New Jersey Department of Education (“NJDOE”), take into account square footage allowances per student and have recommended square footages and capacities for different room type usages found within a school. A breakdown of each school’s capacity compared to actual and projected enrollment is provided later in the report.

In this study, historical enrollments from 2004-05 through 2013-14 were obtained from the NJDOE website and the East Brunswick Public Schools and were used to project enrollment for ten years into the future. Both historical and projected enrollments were analyzed at the school level. With the advent of NJ SMART, an online database created by the NJDOE to allow districts’ submission of data, the Fall Report was eliminated in the 2010-11 school year. In the past, the Fall Report was used by the NJDOE as a tool to uniformly compare school district enrollment data across the state. Unfortunately, the method of reporting special education students for NJ SMART is different, as these students are now referred to as “ungraded”. To maintain a level of consistency, “ungraded” student counts in the forthcoming tables were listed under the self-contained special education heading. Future enrollments were then projected using the Cohort-Survival Ratio method.



**Figure 2**  
**School Locations – East Brunswick Public Schools**





## **Explanation of the Cohort-Survival Ratio Method**

In 1930, Dublin and Lodka provided an explicit age breakdown, which enabled analysts to follow each cohort through its life stages and apply appropriate birth and death rates for each generation. A descendant of this process is the Cohort-Survival Ratio (“CSR”) method, which is the NJDOE-approved methodology to project public school enrollments. In this method, a survival ratio is computed for each grade progression, which essentially compares the number of students in a particular grade to the number of students in the previous grade during the previous year. The survival ratio indicates whether the enrollment is stable, increasing, or decreasing. A survival ratio of one indicates stable enrollment, less than one indicates declining enrollment, while greater than one indicates increasing enrollment. If, for example, a school district had 100 fourth graders and the next year had 95 fifth graders, the survival ratio would be 0.95.

The CSR method assumes that what happened in the past will also happen in the future. In essence, this method provides a linear projection of the population. The CSR method is most applicable for districts that have relatively stable increasing or decreasing trends without any major unpredictable fluctuations from year to year. In school districts encountering rapid growth not experienced historically (a change in the historical trend), the CSR method must be modified and supplemented with additional information.

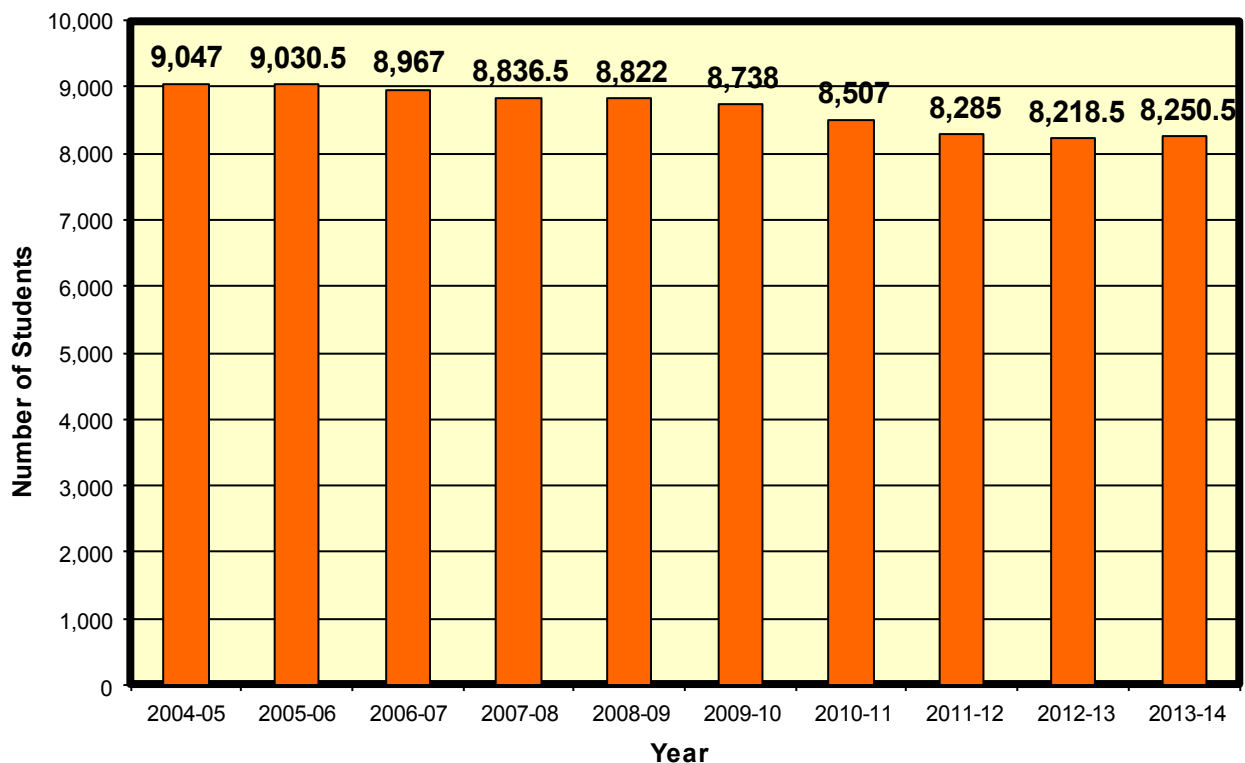
In this study, survival ratios were calculated using historical data at the individual school level from the last ten years for birth to kindergarten, kindergarten to first grade, first grade to second grade, etc. Due to the fluctuation in survival ratios from year to year, it is appropriate to calculate an average survival ratio, which is then used to calculate grade enrollments ten years into the future.

## Historical Enrollment Trends

Historical enrollment data are shown for the East Brunswick Public Schools from 2004-05 through 2013-14 in Figure 3 and Table 3. Enrollment in the district as of October 2013 was 8,250.5 students, which represents a loss of 796.5 students since the 2004-05 school year. Enrollment has declined annually with the exception of 2013-14, in which a small gain of 32 students occurred.

Table 4 shows computed grade-by-grade survival ratios from 2004-05 to 2013-14. In addition, the average, minimum, and maximum survival ratios are shown for the past ten years along with the five-year and six-year averages. The six-year average was used to project enrollment at the school level. The average survival ratios also indicate the net migration by grade, where values over 1.000 reflect inward migration and values below 1.000 reflect outward migration. Ten of the 13 average survival ratios in the six-year trend were above 1.000, indicating a general net inward migration of students into the district. Two average survival ratios that were below 1.000 occurred at the high school.

**Figure 3**  
**Historical Enrollment from 2004-05 to 2013-14**



**Table 3**  
**East Brunswick Public Schools Historical Enrollments from 2004-05 to 2013-14**

| Year <sup>1</sup> | PK | K   | 1   | 2   | 3   | 4   | 5   | SE <sup>2</sup> | PK-5<br>Total  | 6   | 7   | SE <sup>3</sup> | 6-7<br>Total | 8     | 9     | SE <sup>4</sup> | 8-9<br>Total   | 10    | 11    | 12    | SE <sup>5</sup> | 10-12<br>Total | PK-12<br>Total |
|-------------------|----|-----|-----|-----|-----|-----|-----|-----------------|----------------|-----|-----|-----------------|--------------|-------|-------|-----------------|----------------|-------|-------|-------|-----------------|----------------|----------------|
| <b>2004-05</b>    | 10 | 451 | 580 | 637 | 659 | 631 | 674 | 180             | <b>3,822</b>   | 724 | 750 | 31              | <b>1,505</b> | 723   | 748   | 11              | <b>1,482</b>   | 834.5 | 739   | 641.5 | 23              | <b>2,238</b>   | <b>9,047</b>   |
| <b>2005-06</b>    | 9  | 466 | 557 | 597 | 658 | 666 | 638 | 183             | <b>3,774</b>   | 704 | 747 | 15              | <b>1,466</b> | 763.5 | 730   | 0               | <b>1,493.5</b> | 757   | 793   | 724   | 23              | <b>2,297</b>   | <b>9,030.5</b> |
| <b>2006-07</b>    | 10 | 449 | 582 | 573 | 642 | 678 | 686 | 143.5           | <b>3,763.5</b> | 679 | 722 | 8               | <b>1,409</b> | 761.5 | 774.5 | 0               | <b>1,536</b>   | 743   | 732.5 | 769   | 14              | <b>2,258.5</b> | <b>8,967</b>   |
| <b>2007-08</b>    | 10 | 425 | 572 | 594 | 590 | 675 | 692 | 129             | <b>3,687</b>   | 710 | 696 | 8               | <b>1,414</b> | 734.5 | 767.5 | 0               | <b>1,502</b>   | 794   | 712.5 | 710   | 17              | <b>2,233.5</b> | <b>8,836.5</b> |
| <b>2008-09</b>    | 45 | 416 | 534 | 598 | 610 | 592 | 694 | 142             | <b>3,631</b>   | 716 | 719 | 6               | <b>1,441</b> | 700.5 | 760.5 | 3               | <b>1,464</b>   | 786   | 772   | 711   | 17              | <b>2,286</b>   | <b>8,822</b>   |
| <b>2009-10</b>    | 91 | 396 | 538 | 562 | 617 | 611 | 615 | 94              | <b>3,524</b>   | 721 | 709 | 22              | <b>1,452</b> | 726   | 704.5 | 29.5            | <b>1,460</b>   | 736.5 | 760   | 765   | 40.5            | <b>2,302</b>   | <b>8,738</b>   |
| <b>2010-11</b>    | 73 | 368 | 479 | 556 | 589 | 629 | 617 | 90              | <b>3,401</b>   | 635 | 739 | 15              | <b>1,389</b> | 717   | 727   | 30              | <b>1,474</b>   | 729   | 722   | 746   | 46              | <b>2,243</b>   | <b>8,507</b>   |
| <b>2011-12</b>    | 84 | 370 | 475 | 499 | 568 | 600 | 649 | 85              | <b>3,330</b>   | 641 | 645 | 11              | <b>1,297</b> | 735.5 | 710   | 19              | <b>1,464.5</b> | 756.5 | 700   | 690.5 | 46.5            | <b>2,193.5</b> | <b>8,285</b>   |
| <b>2012-13</b>    | 0  | 446 | 470 | 496 | 542 | 581 | 613 | 129             | <b>3,277</b>   | 668 | 643 | 11              | <b>1,322</b> | 665.5 | 747.5 | 10              | <b>1,423</b>   | 728   | 729.5 | 695.5 | 43.5            | <b>2,196.5</b> | <b>8,218.5</b> |
| <b>2013-14</b>    | 78 | 495 | 489 | 502 | 522 | 566 | 591 | 99              | <b>3,342</b>   | 639 | 698 | 20              | <b>1,357</b> | 645   | 664.5 | 7               | <b>1,316.5</b> | 757   | 715   | 730   | 33              | <b>2,235</b>   | <b>8,250.5</b> |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students at the elementary school level

<sup>3</sup>Self-contained special education enrollment/Ungraded Students at the middle school level

<sup>4</sup>Self-contained special education enrollment/Ungraded Students at the junior high school level

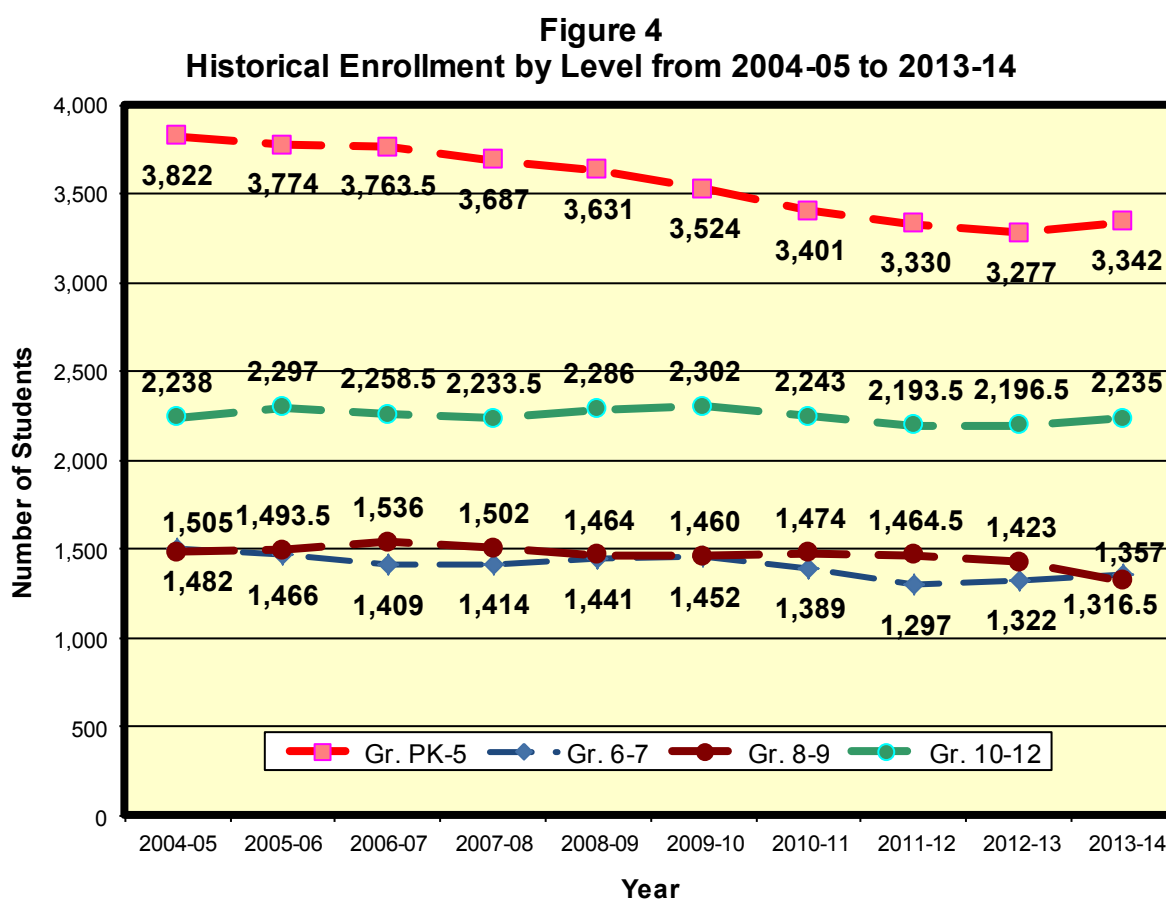
<sup>5</sup>Self-contained special education enrollment/Ungraded Students at the high school level

**Table 4**  
**Historical Survival Ratios from 2004-05 to 2013-14**

| <b>Progression Years</b>   | <b>B-K</b> | <b>K-1</b> | <b>1-2</b> | <b>2-3</b> | <b>3-4</b> | <b>4-5</b> | <b>5-6</b> | <b>6-7</b> | <b>7-8</b> | <b>8-9</b> | <b>9-10</b> | <b>10-11</b> | <b>11-12</b> |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|--------------|--------------|
| <b>2004-05 to 2005-06</b>  | 0.9471545  | 1.2350333  | 1.0293103  | 1.0329670  | 1.0106222  | 1.0110935  | 1.0445104  | 1.0317680  | 1.0180000  | 1.0096819  | 1.0120321   | 0.9502696    | 0.9797023    |
| <b>2005-06 to 2006-07</b>  | 0.8651252  | 1.2489270  | 1.0287253  | 1.0753769  | 1.0303951  | 1.0300300  | 1.0642633  | 1.0255682  | 1.0194110  | 1.0144073  | 1.0178082   | 0.9676354    | 0.9697352    |
| <b>2006-07 to 2007-08</b>  | 0.9465479  | 1.2739421  | 1.0206186  | 1.0296684  | 1.0514019  | 1.0206490  | 1.0349854  | 1.0250368  | 1.0173130  | 1.0078792  | 1.0251775   | 0.9589502    | 0.9692833    |
| <b>2007-08 to 2008-09</b>  | 0.8927039  | 1.2564706  | 1.0454545  | 1.0269360  | 1.0033898  | 1.0281481  | 1.0346821  | 1.0126761  | 1.0064655  | 1.0353982  | 1.0241042   | 0.9722922    | 0.9978947    |
| <b>2008-09 to 2009-10</b>  | 0.9230769  | 1.2932692  | 1.0524345  | 1.0317726  | 1.0016393  | 1.0388514  | 1.0389049  | 0.9902235  | 1.0097357  | 1.0057102  | 0.9684418   | 0.9669211    | 0.9909326    |
| <b>2009-10 to 2010-11</b>  | 0.9316456  | 1.2095960  | 1.0334572  | 1.0480427  | 1.0194489  | 1.0098200  | 1.0325203  | 1.0249653  | 1.0112835  | 1.0013774  | 1.0347764   | 0.9803123    | 0.9815789    |
| <b>2010-11 to 2011-12</b>  | 0.8295964  | 1.2907609  | 1.0417537  | 1.0215827  | 1.0186757  | 1.0317965  | 1.0388979  | 1.0157480  | 0.9952639  | 0.9902371  | 1.0405777   | 0.9602195    | 0.9563712    |
| <b>2011-12 to 2012-13</b>  | 1.1094527  | 1.2702703  | 1.0442105  | 1.0861723  | 1.0228873  | 1.0216667  | 1.0292758  | 1.0031201  | 1.0317829  | 1.0163154  | 1.0253521   | 0.9643093    | 0.9935714    |
| <b>2012-13 to 2013-14</b>  | 1.2375000  | 1.0964126  | 1.0680851  | 1.0524194  | 1.0442804  | 1.0172117  | 1.0424144  | 1.0449102  | 1.0031104  | 0.9984974  | 1.0127090   | 0.9821429    | 1.0006854    |
| <b>Avg. 10-Year Ratios</b> | 0.964034   | 1.241631   | 1.040450   | 1.044993   | 1.022527   | 1.023252   | 1.040050   | 1.019335   | 1.012485   | 1.008834   | 1.017887    | 0.967006     | 0.982195     |
| <b>Maximum Ratio</b>       | 1.2375000  | 1.2932692  | 1.0680851  | 1.0861723  | 1.0514019  | 1.0388514  | 1.0642633  | 1.0449102  | 1.0317829  | 1.0353982  | 1.0405777   | 0.9821429    | 1.0006854    |
| <b>Minimum Ratio</b>       | 0.8295964  | 1.0964126  | 1.0206186  | 1.0215827  | 1.0016393  | 1.0098200  | 1.0292758  | 0.9902235  | 0.9952639  | 0.9902371  | 0.9684418   | 0.9502696    | 0.9563712    |
| <b>Avg. 5-Year Ratios</b>  | 1.0062543  | 1.2167599  | 1.0468766  | 1.0520543  | 1.0263231  | 1.0201237  | 1.0357771  | 1.0221859  | 1.0103602  | 1.0016068  | 1.0283538   | 0.9717460    | 0.9830517    |
| <b>Avg. 6-Year Ratios</b>  | 0.9873293  | 1.2320618  | 1.0479882  | 1.0479979  | 1.0213864  | 1.0238692  | 1.0364027  | 1.0157934  | 1.0102353  | 1.0024275  | 1.0163714   | 0.9707810    | 0.9846279    |

Historical enrollments are also shown in Table 3 and Figure 4 by level (PK-5, 6-7, 8-9, and 10-12), which represents the current configuration of the school district. Self-contained special education/ungraded students were incorporated into the totals by level. At the PK-5 level, enrollment has declined annually since 2005-06 before reversing trend in 2013-14. This may be partially due to the implementation of full-day kindergarten in 2012-13. Grade PK-5 enrollment in the district in 2013-14 was 3,342 students, which represents a loss of 480 students from the 3,822 students in the 2004-05 year.

For grades 6-7 at Hammarskjold Middle School (“Hammarskjold”), there has been a declining enrollment trend, despite small increases in enrollment on several occasions. In 2013-14, enrollment was 1,357, which is a loss of 148 students from the 1,505 students in the 2004-05 year.



At Churchill Junior High School (“Churchill”), which contains grades 8 and 9, enrollment had been within a relatively narrow band from 2004-05 to 2011-12, ranging between 1,460-1,536 students per year. However, in the last two years, enrollment has declined. Grade 8-9 enrollment in 2013-14 was 1,316.5 students, which represents a loss of 165.5 students from the 1,482 students in the 2004-05 year.

Finally, at East Brunswick High School, which contains grades 10-12, enrollment has been fairly stable in the last ten years, ranging from 2,193.5 to 2,302 students per year. High school enrollment in 2013-14 was 2,235 students, which is essentially unchanged from 2004-05.

#### *Hatikvah International Academy Charter School*

In September 2010, the Hatikvah International Academy Charter School (“Hatikvah”) opened with grades K-2 and has been adding one grade each year. Hatikvah was chartered to educate a maximum of 273 East Brunswick students in grades K-5. Unable to fill its allotted seats with East Brunswick children, the school educates children from 21 districts in 6 counties<sup>1</sup>. According to enrollment records provided by the East Brunswick Public Schools, approximately 150 children from the township attend the school in 2013-14. Total enrollment at Hatikvah is 263 students in 2013-14. The NJDOE recently denied expansion of the school to include middle school, which would contain grades 6-8. Despite the denial, the school’s charter was renewed by the NJDOE for grades K-5. It does not appear that Hatikvah has had much of an effect on enrollment in the East Brunswick Public Schools, as the cohort-survival ratios at the elementary level during this period have been fairly consistent.

**Table 5**  
**Hatikvah International Academy Charter School Enrollment**  
**2010-11 to 2013-14**

| <b>Year<sup>1</sup></b> | <b>Grades</b> | <b>Enrollment</b> |
|-------------------------|---------------|-------------------|
| <b>2010-11</b>          | K-2           | <b>96</b>         |
| <b>2011-12</b>          | K-3           | <b>146</b>        |
| <b>2012-13</b>          | K-4           | <b>110</b>        |
| <b>2013-14</b>          | K-5           | <b>263</b>        |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education  
(<http://www.nj.gov/education/data/enr/>)

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<sup>1</sup> Retrieved on April 4, 2014. <http://www.mycentraljersey.com/article/20140306/NJNEWS10/303060032/East-Brunswick-charter-school-plans-appeal-expansion-denial>

## Kindergarten and First Grade Replacement

The district has experienced negative kindergarten replacement in the last two years and negative first grade replacement for the seven years prior. Negative kindergarten replacement occurs when the number of graduating 12<sup>th</sup> grade students is larger than the number of kindergarten students replacing them in the next year. Positive kindergarten replacement occurs when the number of graduating 12<sup>th</sup> grade students is less than the number of kindergarten students entering the district in the next year. Since the district had a half-day kindergarten program prior to 2012-13, it is more appropriate to compare the 12<sup>th</sup> grade student population to the first grade student population, as the district gains a number of students from kindergarten to first grade when parents elect to send their child to a full-day kindergarten program elsewhere before enrolling them in the public school district for the first grade. For 2005-06 to 2011-12, first grade replacement was computed while kindergarten replacement was computed for 2012-13 and 2013-14. As shown in Figure 5, negative kindergarten/first grade replacement has ranged from 84.5 to 286 students per year. In 2013-14, the loss of students due to kindergarten replacement was 200.5 students, as 695.5 twelfth graders graduated in 2012-13 and were replaced by 495 kindergarten students in 2013-14.

**Figure 5**  
**Historical Kindergarten/First Grade Replacement**

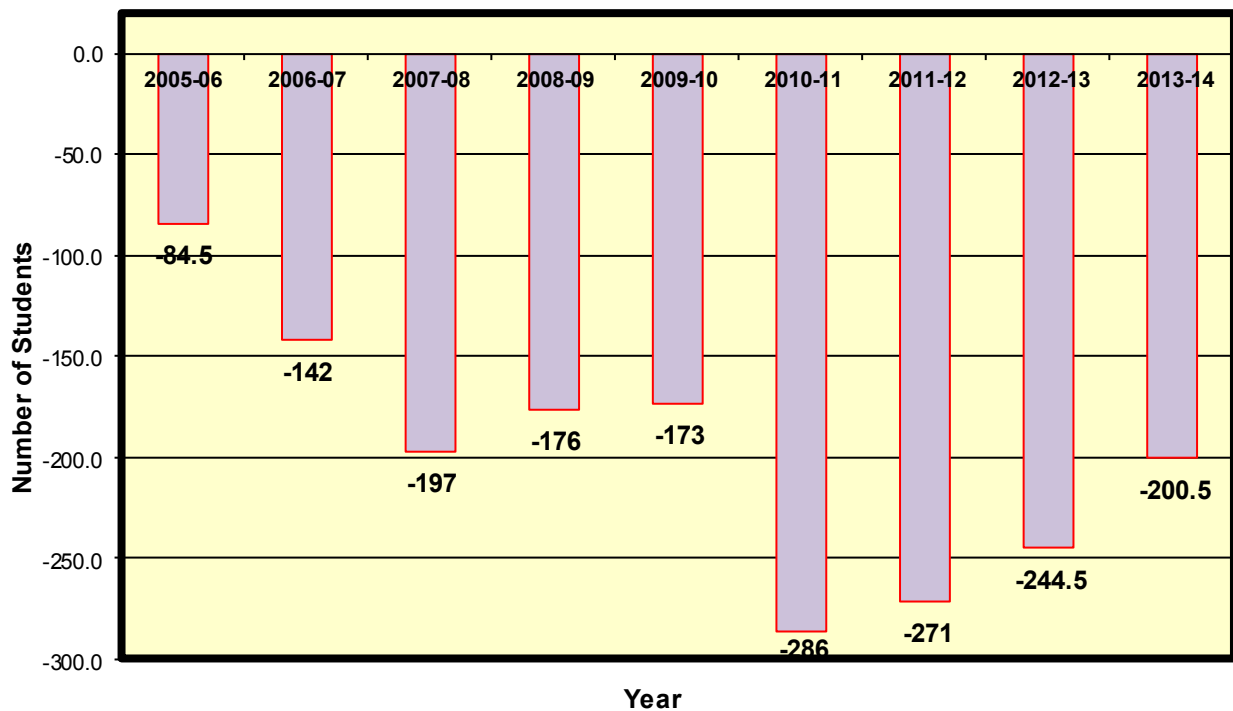
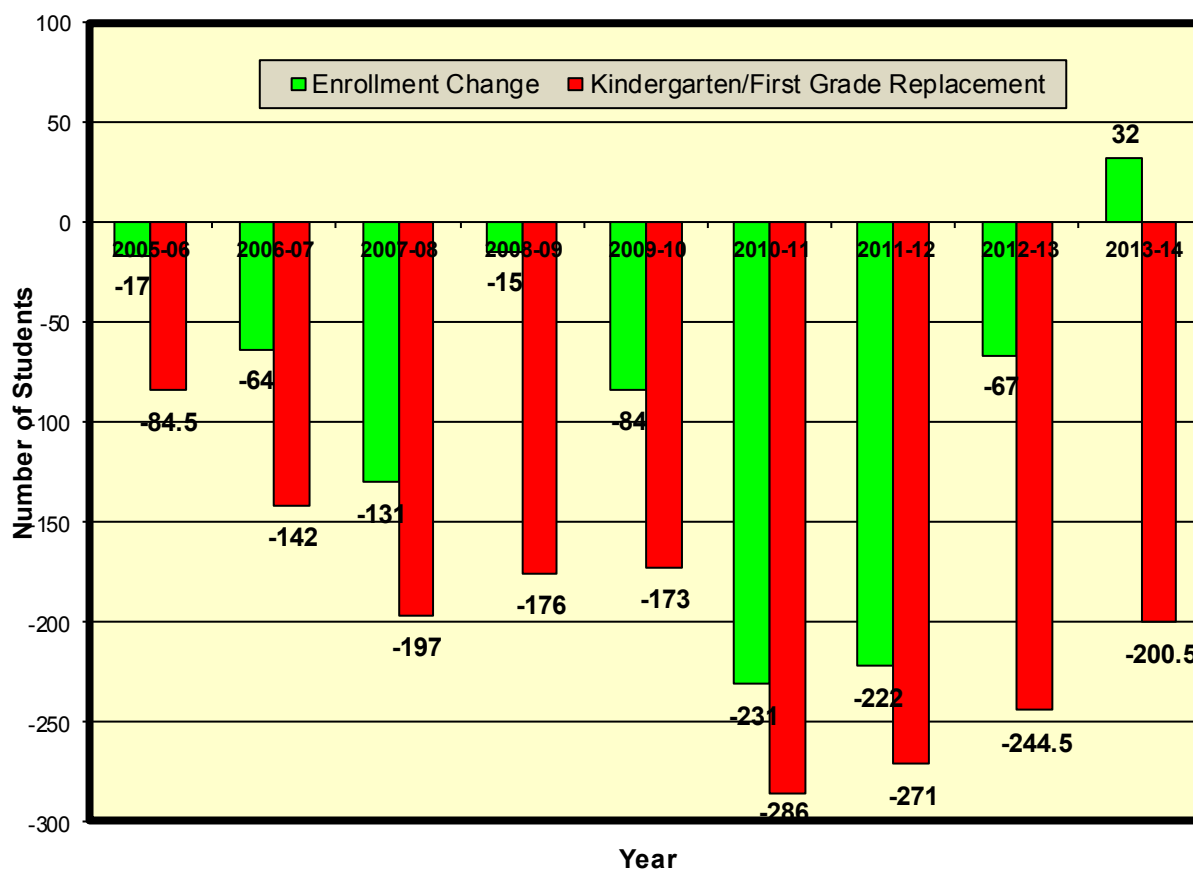


Figure 6 shows the annual change in enrollment compared to kindergarten/first grade replacement. As the figure demonstrates, there is a strong relationship between the overall change in enrollment and kindergarten/first grade replacement. However, in each case, the loss of students due to kindergarten/first grade replacement is larger than the overall decline in enrollment in the district. Simply stated, some of the decline due to kindergarten/first grade replacement is being offset by an inward migration of students in the other grades, which is confirmed by 10 of the 13 average survival ratios in the six-year trend exceeding 1.000.

**Figure 6**  
**Comparison of PK-12 Enrollment Change and**  
**Kindergarten/First Grade Replacement**





## Birth Data

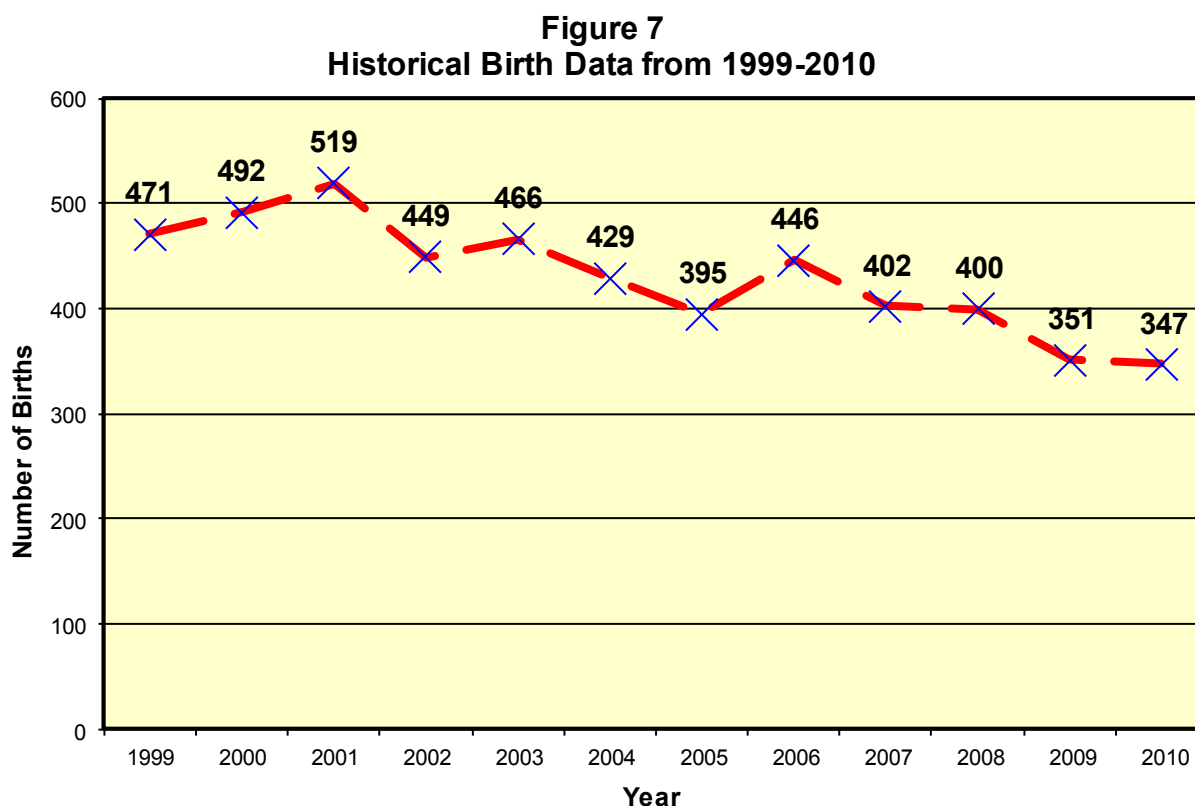
Birth data were needed to compute kindergarten enrollment, which was calculated as follows. Birth data, lagged five years behind their respective kindergarten classes, were used to calculate the survival ratio for each birth-to-kindergarten cohort. For instance, in 2008, there were 400 births in East Brunswick. Five years later (the 2013-14 school year), 495 children enrolled in kindergarten, which is equal to a survival ratio of 1.238 from birth to kindergarten. Birth counts and birth-to-kindergarten survival ratios are displayed in Table 6. Values greater than 1.000 indicate that some children are born outside of a community's boundaries and are attending kindergarten in the school district five years later, i.e. an inward migration of children into the district. This type of inward migration is typical in school districts with excellent reputations, because the appeal of a good school district draws families into the community. Inward migration is also seen in communities where there are a large number of new housing starts, with families moving into the community having children of age to attend kindergarten. Birth-to-kindergarten survival ratios that are below 1.000 indicate that a number of children born within a community are not attending kindergarten in the school district five years later. This is common in communities where a high proportion of children attend private, parochial, or out-of-district special education facilities, or where there is a net migration of families moving out of the community. It is also common in school districts that have a half-day kindergarten program, where parents choose to send their child to a private full-day kindergarten for the first year. The effect of the district's changing from a half-day to a full-day kindergarten program is evident as birth-to-kindergarten survival ratios were below 1.000 with half-day kindergarten, but were above 1.000 after the implementation of the full-day program.

**Table 6**  
**Birth Rates and Historical Birth-to-Kindergarten Survival Ratios**  
**in the East Brunswick Public Schools**

| <b>Birth Year<sup>1</sup></b> | <b>Number of Births<br/>East Brunswick</b> | <b>Number of Kindergarten<br/>Students Five Years Later</b> | <b>Birth-to-Kindergarten<br/>Survival Ratio</b> |
|-------------------------------|--------------------------------------------|-------------------------------------------------------------|-------------------------------------------------|
| <b>1999</b>                   | 471                                        | 451                                                         | 0.958                                           |
| <b>2000</b>                   | 492                                        | 466                                                         | 0.947                                           |
| <b>2001</b>                   | 519                                        | 449                                                         | 0.865                                           |
| <b>2002</b>                   | 449                                        | 425                                                         | 0.947                                           |
| <b>2003</b>                   | 466                                        | 416                                                         | 0.893                                           |
| <b>2004</b>                   | 429                                        | 396                                                         | 0.923                                           |
| <b>2005</b>                   | 395                                        | 368                                                         | 0.932                                           |
| <b>2006</b>                   | 446                                        | 370                                                         | 0.830                                           |
| <b>2007</b>                   | 402                                        | 446                                                         | 1.109                                           |
| <b>2008</b>                   | 400                                        | 495                                                         | 1.238                                           |
| <b>2009</b>                   | 351                                        | N/A                                                         | N/A                                             |
| <b>2010</b>                   | 347                                        | N/A                                                         | N/A                                             |

**Notes:** <sup>1</sup>Birth data were provided by the New Jersey Center for Health Statistics for 1999-2010.  
Shaded area reflects implementation of a full-day kindergarten program

Geocoded birth data were provided by the New Jersey Center for Health Statistics (“NJCHS”) for 1999-2010 by assigning geographic coordinates to a birth mother based on her street address. As shown in Figure 7, birth rates have been declining, in general, in East Brunswick. After peaking at 519 births in 2001, there were 347 births in 2010, which are 172 fewer births than nine years prior. It appears that the birth rate may be stabilizing, as the number of births has ranged from 347-351 in the last two years. However, additional data from 2011-2013 would be needed to verify if this is the case.



Using mapping software, elementary school attendance area boundaries, and NJCHS birth data categorized by Census tract and block group for 2003-2010, the approximate number of births for each elementary school attendance area was determined and displayed in Table 7. In some instances, the specific address of the mother was unknown. For the purposes of projecting enrollment, the unknown births were redistributed into the eight elementary areas using the proportions of each school with respect to the elementary PK-5 subtotal. Birth counts were greatest in the Lawrence Brook Elementary School (“Lawrence Brook”) attendance area. In general, births have been declining throughout all of the elementary attendance areas.

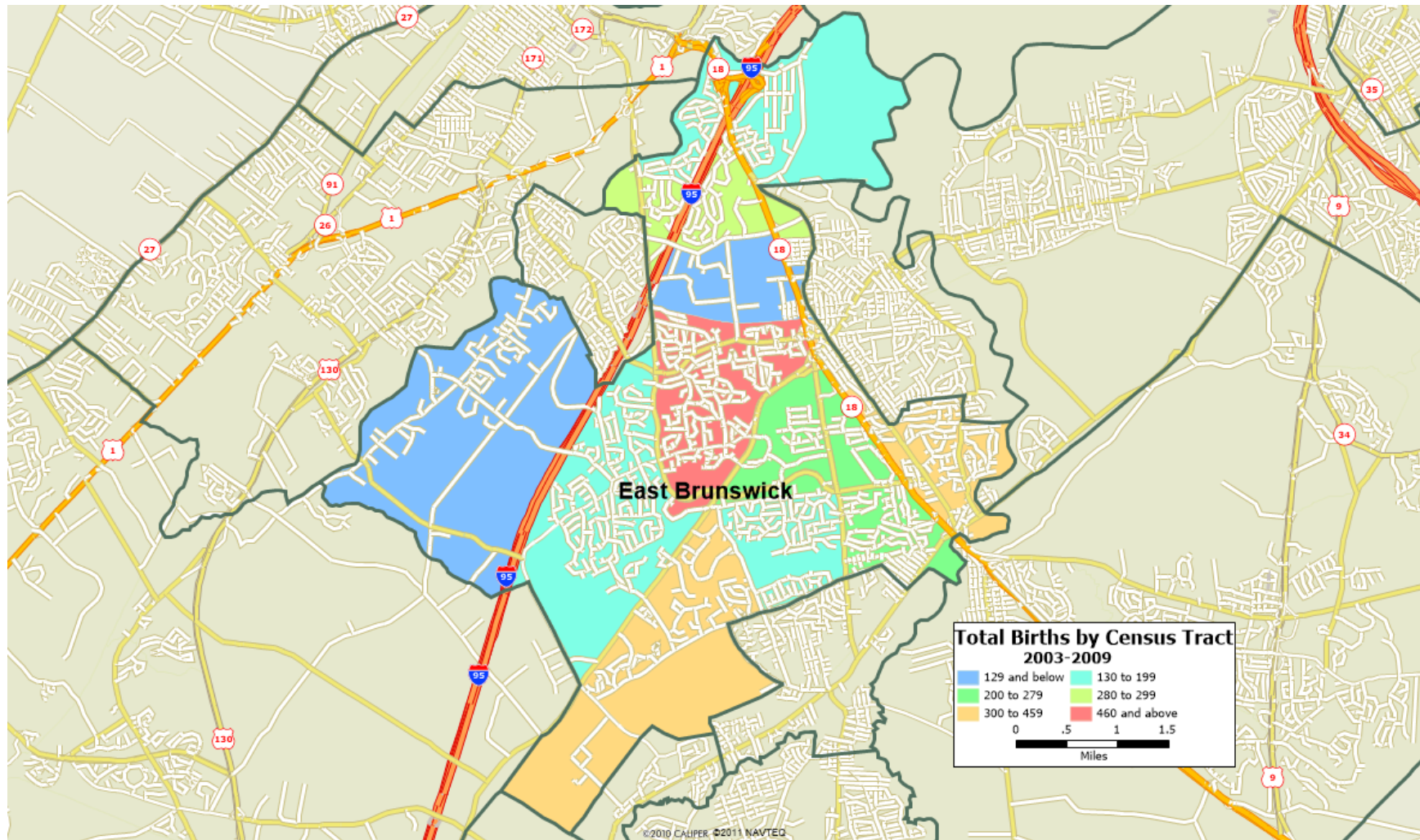
**Table 7**  
**Births by Elementary School Attendance Area from 2003-2010**  
**in the East Brunswick Public Schools**

| <b>Birth Year</b> | <b>Bowne-Munro</b> | <b>Central</b> | <b>Chittick</b> | <b>Frost</b> | <b>Irwin</b> | <b>Lawrence Brook</b> | <b>Memorial</b> | <b>Warnsdorfer</b> |
|-------------------|--------------------|----------------|-----------------|--------------|--------------|-----------------------|-----------------|--------------------|
| <b>2003</b>       | 34                 | 56             | 65              | 59           | 62           | 78                    | 55              | 57                 |
| <b>2004</b>       | 39                 | 50             | 50              | 53           | 50           | 70                    | 55              | 62                 |
| <b>2005</b>       | 35                 | 49             | 52              | 51           | 46           | 74                    | 46              | 42                 |
| <b>2006</b>       | 27                 | 62             | 67              | 47           | 54           | 66                    | 57              | 66                 |
| <b>2007</b>       | 44                 | 47             | 48              | 51           | 53           | 62                    | 42              | 55                 |
| <b>2008</b>       | 27                 | 50             | 60              | 50           | 50           | 71                    | 45              | 47                 |
| <b>2009</b>       | 34                 | 47             | 45              | 43           | 41           | 52                    | 45              | 44                 |
| <b>2010</b>       | 30                 | 48             | 46              | 45           | 49           | 64                    | 38              | 27                 |

In addition, the total number of births by census tract from 2003-2009 is shown in Figure 8. In 2010, the Census Bureau changed the tract boundaries within East Brunswick, which prevented the inclusion of the 2010 birth data with the 2003-2009 data, which were mapped based on the 2000 Census tract geographies. Census tracts are relatively small geographical areas created by the Census Bureau for collecting data at a smaller geography than the municipal level. Tracts usually have between 2,500-8,000 persons and are designed to be homogeneous with respect to population characteristics, economic status, and living conditions. The geographic size of census tracts varies widely depending on the density of settlement. As the figure shows, the greatest number of births, shown by the area shaded red, occurred in the census tract corresponding with the center of the township, and containing part of the Memorial Elementary School (“Memorial”) and Central Elementary School (“Central”) attendance areas. Figure 9 shows the change in the number of births by census tract, comparing the number of births in 2003 to 2009. The greatest decline over this time period has occurred in the eastern section of the township, which partially contains the Chittick Elementary School (“Chittick”) and Bowne-Munro Elementary School (“Bowne-Munro”) attendance areas. A large decline also occurred in the northern section of the township, which is contained within the Lawrence Brook Elementary School (“Lawrence Brook”) attendance area.

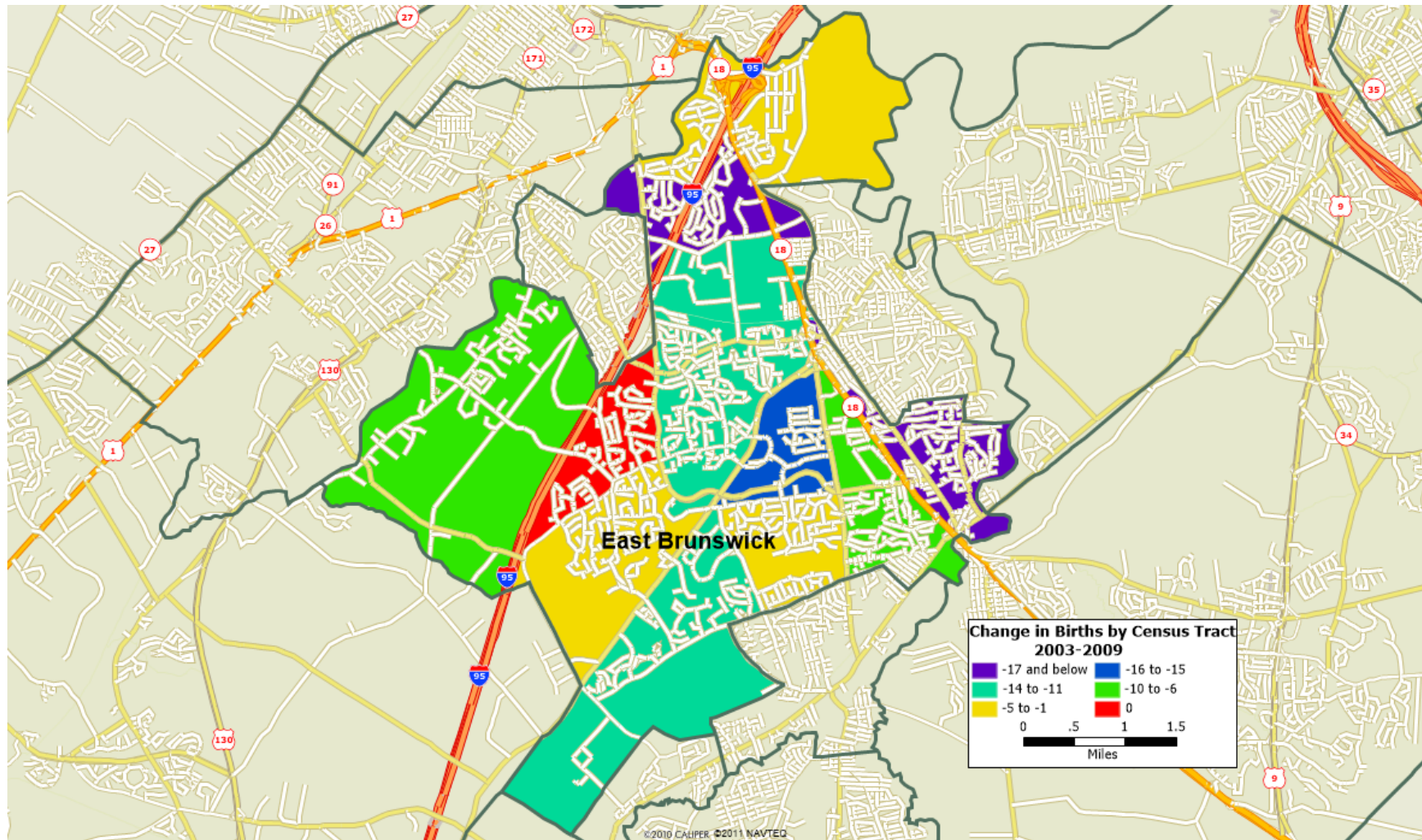
Figure 10 shows the total number of births by census block from 2003-2009. Census blocks are the smallest geographic unit in which data are collected by the Census Bureau. Blocks are typically bound by streets, roads, or bodies of water. This map provides greater detail of where most births have occurred. In 2010, the Census Bureau changed the block boundaries within East Brunswick, which prevented the inclusion of the 2010 birth data with the 2003-2009 data, which were mapped based on the 2000 Census block geographies. Areas shaded red in the figure had the largest number of births over this time period, which occurred in the center of East Brunswick and is roughly contained within the Irwin Elementary School (“Irwin”) attendance area.

**Figure 8**  
**Total Number of Births by Census Tract**  
**2003-2009**

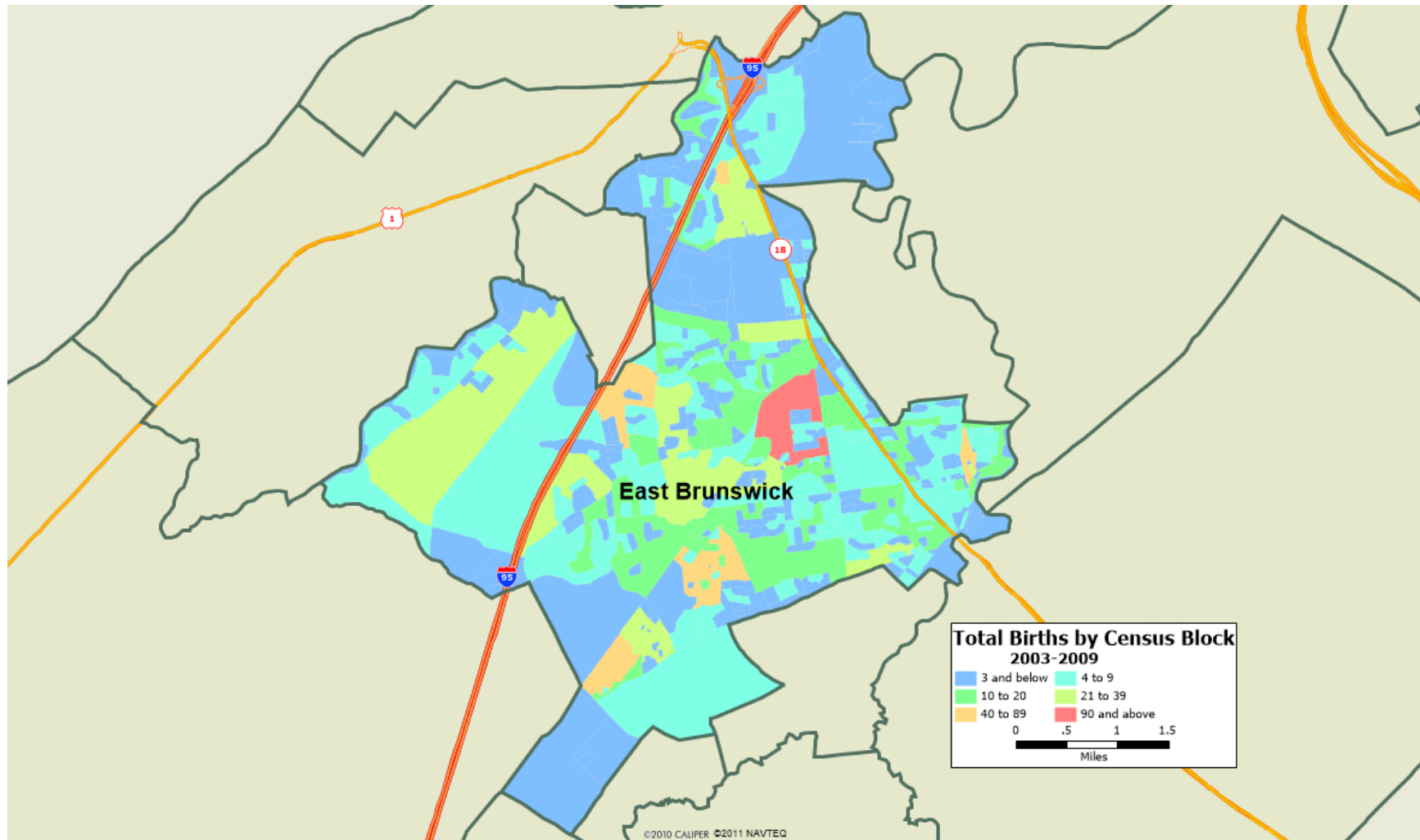




**Figure 9**  
**Change in Number of Births by Census Tract**  
**2003-2009**



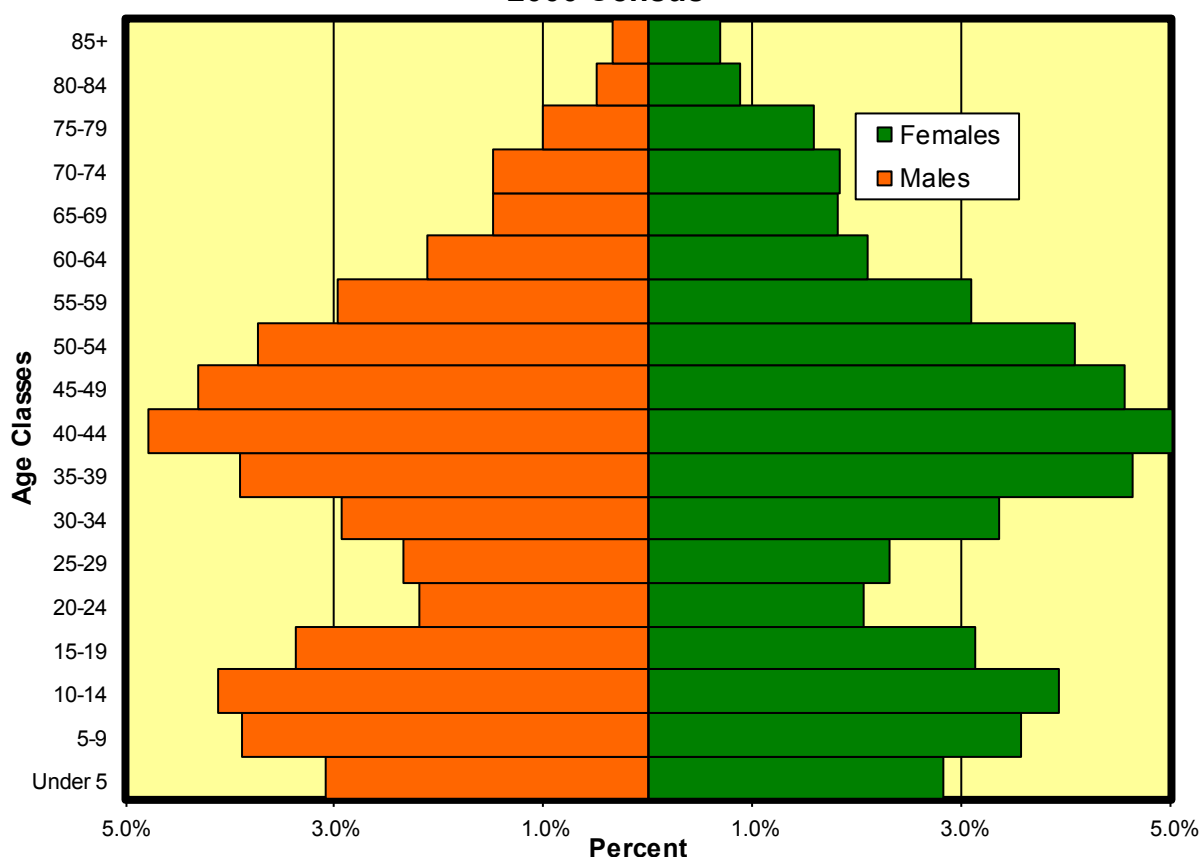
**Figure 10**  
**Total Number of Births by Census Block**  
**2003-2009**



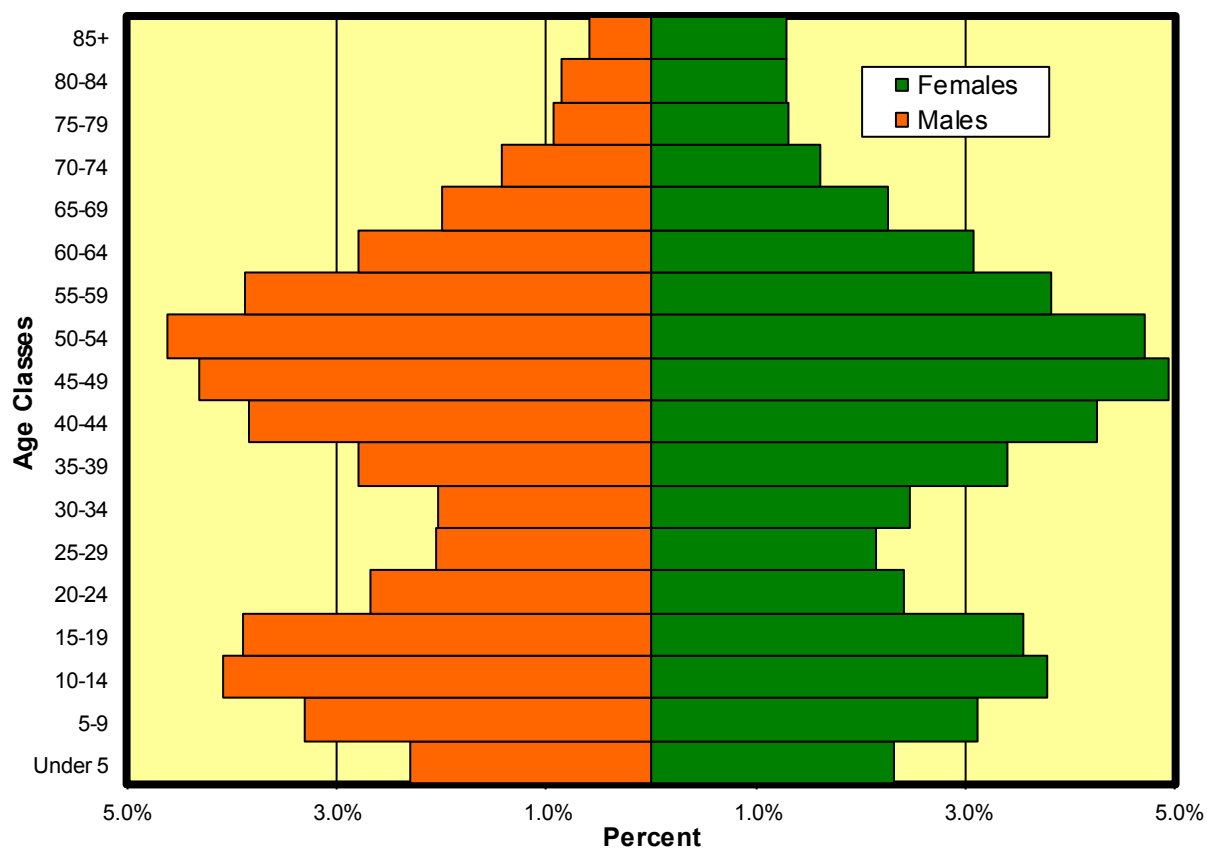
Regarding fertility rates, East Brunswick's rates are lower than those of both Middlesex County and the State of New Jersey. According to the 2010-2012 ACS, the fertility rate of women aged 15 to 50 in East Brunswick was approximately 37 births per 1000 women. The fertility rate in Middlesex County was 62.7 births per 1,000 women (ages 15-49) and was 62.9 births per 1,000 women in New Jersey in 2010 as reported by the NJCHS.

Figures 11 and 12 show the age pyramids of males and females in East Brunswick from both the 2000 and 2010 Censuses. In 2000, the largest number of individuals was aged 40-44. A decade later, as this cohort gets older, the largest cohort was aged 50-54, which has led to the increase in the median age in the township. Both diagrams show a shortage of people aged 20-34. Further analysis of the age pyramids shows that there are low percentages of females in the 20-34 age group, which corresponds to the ages when most females have their children. The combination of low fertility rates and a low percentage of females in this age group have likely led to the declining birth rate in the township.

**Figure 11**  
**Population Pyramid of East Brunswick**  
**2000 Census**



**Figure 12**  
**Population Pyramid of East Brunswick**  
**2010 Census**

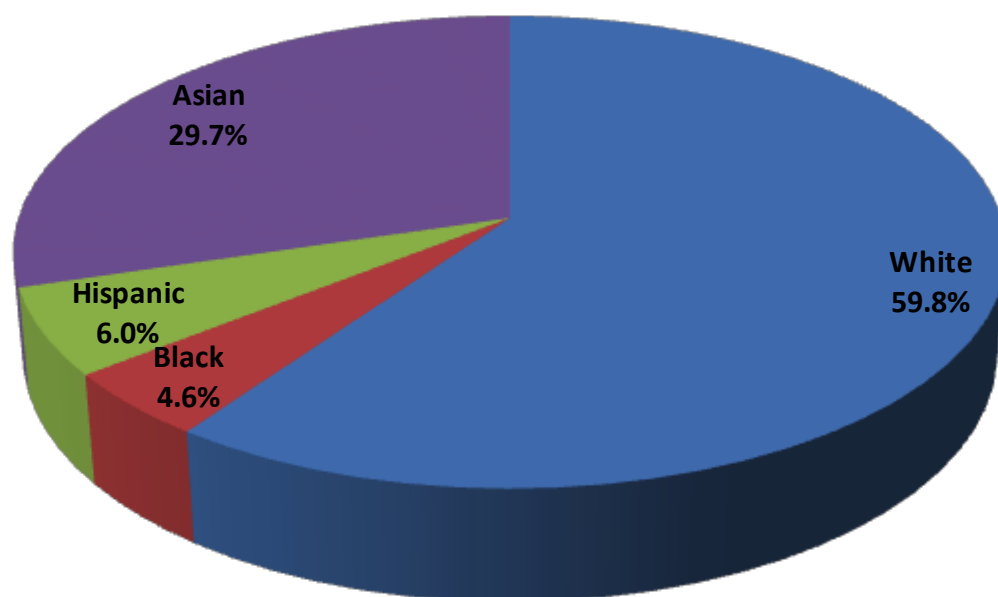




### Historical Enrollment by Race

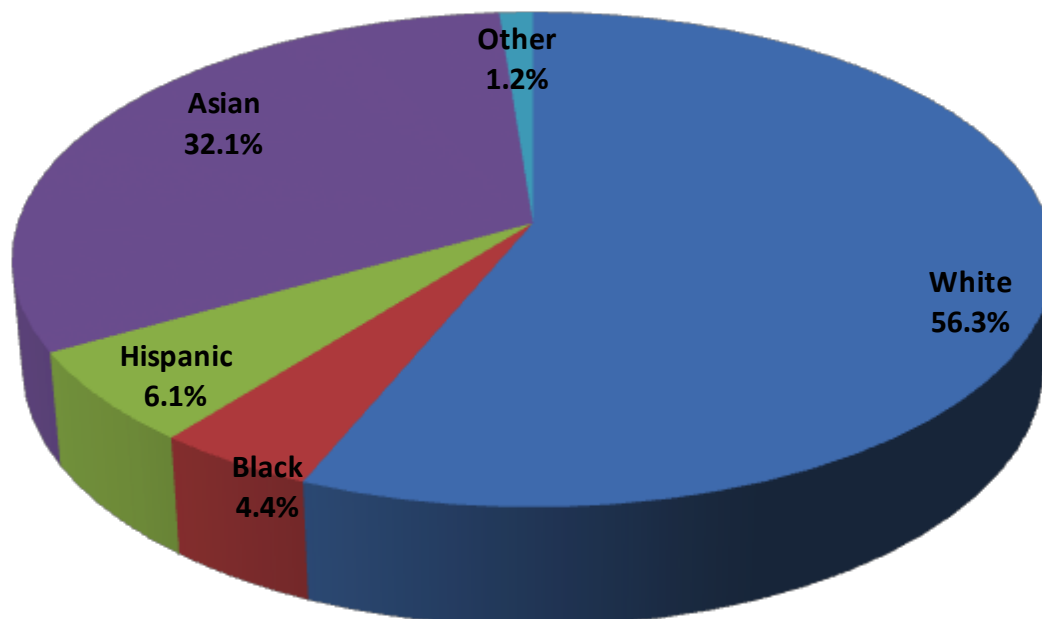
In Figure 13 below, total enrollment is shown by race for 2008-09 for the East Brunswick Public Schools. The races listed are White, Black, Asian, and Hispanic. There were no children listed as Native American, Hawaiian Native, or Two or More Races. As the chart shows, approximately 60% of the student population was White in 2008-09. The second-largest race was Asians, accounting for nearly 30% of the student population.

**Figure 13**  
**East Brunswick Public Schools Enrollment by Race**  
**2008-09**



In Figure 14 below, total enrollment is shown by race for 2013-14 for the East Brunswick Public Schools. The races listed are White, Black, Asian, Hispanic and Other, which is a combination of Native American and Two or More Races (multi-racial). The majority of the students in the “Other” category are “Two or More Races”. Five years later in 2013-14, Whites are still the majority race at 56.3%. However, the percentage of Whites has declined by 3.5 percentage points since 2008-09, indicating a more racially diverse population. Asians made up a larger share of the population, 32.1%, in 2013-14, which is a gain of 2.4 percentage points from 2008-09. The percentages of Hispanics and Blacks have stayed nearly the same.

**Figure 14**  
**East Brunswick Public Schools Enrollment by Race**  
**2013-14**



In Table 8, enrollment by grade and race is shown for the entire district for 2008-09. For each grade, the majority race is highlighted blue. While Whites were the majority race for all grades, the percentages were below 60% in grades PK-5 but were above 60% for grades 6-12. In general, the percentage of Asian students decreased as the grades progressed while the percentage of White students increased.

**Table 8**  
**Enrollment by Race and Grade for Entire District in 2008-09**

| <b>2008-09</b> |                |              |                 |              |               |
|----------------|----------------|--------------|-----------------|--------------|---------------|
| <b>Grade</b>   | <b>White</b>   | <b>Black</b> | <b>Hispanic</b> | <b>Asian</b> | <b>Total</b>  |
| <b>PK</b>      | 26             | 3            | 2               | 14           | <b>45</b>     |
|                | 57.8%          | 6.7%         | 4.4%            | 31.1%        | <b>100.0%</b> |
| <b>K</b>       | 217            | 16           | 19              | 164          | <b>416</b>    |
|                | 52.2%          | 3.8%         | 4.6%            | 39.4%        | <b>100.0%</b> |
| <b>1</b>       | 304            | 24           | 21              | 185          | <b>534</b>    |
|                | 56.9%          | 4.5%         | 3.9%            | 34.6%        | <b>100.0%</b> |
| <b>2</b>       | 328            | 29           | 42              | 199          | <b>598</b>    |
|                | 54.8%          | 4.8%         | 7.0%            | 33.3%        | <b>100.0%</b> |
| <b>3</b>       | 332            | 25           | 46              | 207          | <b>610</b>    |
|                | 54.4%          | 4.1%         | 7.5%            | 33.9%        | <b>100.0%</b> |
| <b>4</b>       | 342            | 28           | 34              | 188          | <b>592</b>    |
|                | 57.8%          | 4.7%         | 5.7%            | 31.8%        | <b>100.0%</b> |
| <b>5</b>       | 414            | 32           | 44              | 204          | <b>694</b>    |
|                | 59.7%          | 4.6%         | 6.3%            | 29.4%        | <b>100.0%</b> |
| <b>6</b>       | 442            | 30           | 45              | 199          | <b>716</b>    |
|                | 61.7%          | 4.2%         | 6.3%            | 27.8%        | <b>100.0%</b> |
| <b>7</b>       | 436            | 34           | 52              | 197          | <b>719</b>    |
|                | 60.6%          | 4.7%         | 7.2%            | 27.4%        | <b>100.0%</b> |
| <b>8</b>       | 435.5          | 34.5         | 41.5            | 189          | <b>700.5</b>  |
|                | 62.2%          | 4.9%         | 5.9%            | 27.0%        | <b>100.0%</b> |
| <b>9</b>       | 470.5          | 30           | 46              | 214          | <b>760.5</b>  |
|                | 61.9%          | 3.9%         | 6.0%            | 28.1%        | <b>100.0%</b> |
| <b>10</b>      | 482            | 42           | 45              | 217          | <b>786</b>    |
|                | 61.3%          | 5.3%         | 5.7%            | 27.6%        | <b>100.0%</b> |
| <b>11</b>      | 490.5          | 33           | 38.5            | 210          | <b>772</b>    |
|                | 63.5%          | 4.3%         | 5.0%            | 27.2%        | <b>100.0%</b> |
| <b>12</b>      | 454            | 34           | 37              | 186          | <b>711</b>    |
|                | 63.9%          | 4.8%         | 5.2%            | 26.2%        | <b>100.0%</b> |
| <b>SE</b>      | 106            | 7            | 12              | 43           | <b>168</b>    |
|                | 63.1%          | 4.2%         | 7.1%            | 25.6%        | <b>100.0%</b> |
| <b>Total</b>   | <b>5,279.5</b> | <b>401.5</b> | <b>525</b>      | <b>2,616</b> | <b>8,822</b>  |

**Source:** New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>)

**Note:** Highlighted cells are the majority race for that particular grade level.

In Table 9, enrollment by grade and race is shown for the entire district for 2013-14. For each grade, the majority race is highlighted blue. With the exception of grade-level pre-kindergarten, Whites were the majority race for all grades and self-contained special education classes. The percentage of students in each race is fairly uniform as the grades progress, indicating that there has not been a shift in the district's racial composition, which would be apparent in the lower elementary grades as students enter the district.

**Table 9**  
**Enrollment by Race and Grade for Entire District in 2013-14**

| <b>2013-14</b> |              |              |                 |                |              |              |
|----------------|--------------|--------------|-----------------|----------------|--------------|--------------|
| <b>Grade</b>   | <b>White</b> | <b>Black</b> | <b>Hispanic</b> | <b>Asian</b>   | <b>Other</b> | <b>Total</b> |
| <b>PK</b>      | 8            | 1            | 0               | 24             | 4            | 37           |
|                | 21.6%        | 2.7%         | 0.0%            | 64.9%          | 10.8%        | 100.0%       |
| <b>K</b>       | 315          | 17           | 21              | 129            | 13           | 495          |
|                | 63.6%        | 3.4%         | 4.2%            | 26.1%          | 2.6%         | 100.0%       |
| <b>1</b>       | 248          | 17           | 28              | 177            | 19           | 489          |
|                | 50.7%        | 3.5%         | 5.7%            | 36.2%          | 3.9%         | 100.0%       |
| <b>2</b>       | 284          | 12           | 26              | 165            | 15           | 502          |
|                | 56.6%        | 2.4%         | 5.2%            | 32.9%          | 3.0%         | 100.0%       |
| <b>3</b>       | 289          | 32           | 37              | 160            | 4            | 522          |
|                | 55.4%        | 6.1%         | 7.1%            | 30.7%          | 0.8%         | 100.0%       |
| <b>4</b>       | 299          | 21           | 38              | 199            | 9            | 566          |
|                | 52.8%        | 3.7%         | 6.7%            | 35.2%          | 1.6%         | 100.0%       |
| <b>5</b>       | 297          | 25           | 32              | 231            | 6            | 591          |
|                | 50.3%        | 4.2%         | 5.4%            | 39.1%          | 1.0%         | 100.0%       |
| <b>6</b>       | 361          | 36           | 36              | 205            | 1            | 639          |
|                | 56.5%        | 5.6%         | 5.6%            | 32.1%          | 0.2%         | 100.0%       |
| <b>7</b>       | 389          | 30           | 49              | 225            | 5            | 698          |
|                | 55.7%        | 4.3%         | 7.0%            | 32.2%          | 0.7%         | 100.0%       |
| <b>8</b>       | 364          | 29           | 49.5            | 199.5          | 3            | 645          |
|                | 56.4%        | 4.5%         | 7.7%            | 30.9%          | 0.5%         | 100.0%       |
| <b>9</b>       | 356.5        | 28           | 39              | 239            | 2            | 664.5        |
|                | 53.6%        | 4.2%         | 5.9%            | 36.0%          | 0.3%         | 100.0%       |
| <b>10</b>      | 433          | 37           | 47              | 235            | 5            | 757          |
|                | 57.2%        | 4.9%         | 6.2%            | 31.0%          | 0.7%         | 100.0%       |
| <b>11</b>      | 426          | 29.5         | 43              | 212            | 4            | 714.5        |
|                | 59.6%        | 4.1%         | 6.0%            | 29.7%          | 0.6%         | 100.0%       |
| <b>12</b>      | 438.5        | 36           | 44.5            | 206.5          | 3.5          | 729          |
|                | 60.2%        | 4.9%         | 6.1%            | 28.3%          | 0.5%         | 100.0%       |
| <b>SE</b>      | 120          | 8.5          | 12              | 53.5           | 6            | 200          |
|                | 60.0%        | 4.3%         | 6.0%            | 26.8%          | 3.0%         | 100.0%       |
| <b>Total</b>   | <b>4,628</b> | <b>359</b>   | <b>502</b>      | <b>2,660.5</b> | <b>99.5</b>  | <b>8,249</b> |

**Source:** New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

**Note:** Highlighted cells are the majority race for that particular grade level.

In Table 10, enrollment by race is displayed for 2008-09 for each of the schools in the district. At the elementary level, with the exception of Irwin, Whites were the majority race. At Irwin, Asians were the majority race. Bowne-Munro had the highest percentage of Whites and lowest percentage of Asians. At the middle, junior high, and high school levels, Whites were the majority race. Since these schools enroll everyone in the district and do not have sending areas like the elementary schools, their percentages reflect the entire district. The racial percentages for each of these schools were very similar, with Whites consisting of 61-63% of the student population and Asians consisting of 27-28%.

**Table 10**  
**Enrollment by Race and School for 2008-09**

| <b>2008-09</b>             |              |              |                 |              |               |
|----------------------------|--------------|--------------|-----------------|--------------|---------------|
| <b>Grade</b>               | <b>White</b> | <b>Black</b> | <b>Hispanic</b> | <b>Asian</b> | <b>Total</b>  |
| <b>Bowne-Munro</b>         | 217          | 14           | 24              | 42           | <b>297</b>    |
|                            | 73.1%        | 4.7%         | 8.1%            | 14.1%        | <b>100.0%</b> |
| <b>Central</b>             | 258.5        | 12           | 30              | 145          | <b>444.5</b>  |
|                            | 58.0%        | 2.7%         | 6.7%            | 32.5%        | <b>100.0%</b> |
| <b>Chittick</b>            | 228          | 38           | 35              | 194          | <b>495</b>    |
|                            | 46.1%        | 7.7%         | 7.1%            | 39.2%        | <b>100.0%</b> |
| <b>Frost</b>               | 318          | 19           | 25              | 142          | <b>504</b>    |
|                            | 63.1%        | 3.8%         | 5.0%            | 28.2%        | <b>100.0%</b> |
| <b>Irwin</b>               | 187.5        | 28           | 27              | 199          | <b>441.5</b>  |
|                            | 42.5%        | 6.3%         | 6.1%            | 45.1%        | <b>100.0%</b> |
| <b>Lawrence Brook</b>      | 297          | 30           | 44              | 201          | <b>572</b>    |
|                            | 51.9%        | 5.2%         | 7.7%            | 35.1%        | <b>100.0%</b> |
| <b>Memorial</b>            | 251          | 7            | 15              | 103          | <b>376</b>    |
|                            | 66.8%        | 1.9%         | 4.0%            | 27.4%        | <b>100.0%</b> |
| <b>Warnsdorfer</b>         | 292          | 14           | 20              | 174          | <b>500</b>    |
|                            | 58.4%        | 2.8%         | 4.0%            | 34.8%        | <b>100.0%</b> |
| <b>Hammarskjold M.S.</b>   | 882          | 65           | 97              | 397          | <b>1,441</b>  |
|                            | 61.2%        | 4.5%         | 6.7%            | 27.6%        | <b>100.0%</b> |
| <b>Churchill Jr. H.S.</b>  | 908          | 64.5         | 87.5            | 404          | <b>1,464</b>  |
|                            | 62.0%        | 4.4%         | 6.0%            | 27.6%        | <b>100.0%</b> |
| <b>East Brunswick H.S.</b> | 1,440.5      | 110          | 120.5           | 615          | <b>2,286</b>  |
|                            | 63.0%        | 4.8%         | 5.3%            | 26.9%        | <b>100.0%</b> |
| <b>Total</b>               | 5,279.5      | 401.5        | 525             | 2,616        | <b>8,822</b>  |
|                            | 59.8%        | 4.6%         | 6.0%            | 29.7%        | <b>100.0%</b> |

**Source:** New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>)

**Note:** Highlighted cells are the majority race in the school.

In Table 11, enrollment by race is displayed for 2013-14 for each of the schools in the district. At the elementary school level, Whites were the majority race in each school and ranged from a low of 44.7% at Irwin to a high of 69.0% at Bowne-Munro. As compared to 2008-09, five of the eight elementary schools had a percentage point decline in the White population with the largest occurring at Memorial (7.5 percentage points). On the contrary, Chittick had a 3.3 percentage point increase in the White population. The percentage changes in the Hispanic and Black populations over this time period in each school were relatively small and negligible. With respect to Asians, the highest percentage was in Irwin (39.4%) and the lowest in Bowne-Munro (15.5%). The largest change in the Asian population occurred at Irwin, which decreased by 5.7 percentage points. Frost had the largest percentage point increase (4.7 points) in the Asian population. All schools had percentage point gains in the “Other” race category since there were no students in this category in 2008-09.

At Hammarskjold, Whites represent 56.2% of the population in 2013-14. In the last five years, Whites declined by 5.0 percentage points while Asians increased by 4.6 percentage points. The racial percentages of both the Black and Hispanic student populations in 2013-14 were very similar to the percentages in 2008-09.

At Churchill, Whites represent 55.1% of the population in 2013-14. In the last five years, Whites declined by 6.9 percentage points while Asians increased by 5.9 percentage points. The racial percentages of both the Black and Hispanic student populations were very similar to the percentages in 2008-09.

At East Brunswick High School, Whites represent 59.0% of the population in 2013-14. In the last five years, Whites declined by 4.0 percentage points while Asians increased by 2.8 percentage points. The racial percentages of both the Black and Hispanic student populations were very similar to the percentages in 2008-09.

For all of the schools, the percentage point increases or decreases were affected by the number of choosing students “2 or More Races” as compared to five years ago. It is not clear whether there truly is a large growth in the students of two or more races, or whether students in 2008-09 elected to choose a single race that they most identified with.

**Table 11**  
**Enrollment by Race and School for 2013-14**

| <b>2013-14</b>             |              |              |                 |              |              |                |
|----------------------------|--------------|--------------|-----------------|--------------|--------------|----------------|
| <b>Grade</b>               | <b>White</b> | <b>Black</b> | <b>Hispanic</b> | <b>Asian</b> | <b>Other</b> | <b>Total</b>   |
| <b>Bowne-Munro</b>         | 147          | 9            | 13              | 33           | 11           | <b>213</b>     |
|                            | 69.0%        | 4.2%         | 6.1%            | 15.5%        | 5.2%         | <b>100.0%</b>  |
| <b>Central</b>             | 234          | 14           | 32              | 142          | 4            | <b>426</b>     |
|                            | 54.9%        | 3.3%         | 7.5%            | 33.3%        | 0.9%         | <b>100.0%</b>  |
| <b>Chittick</b>            | 224          | 31           | 32              | 154          | 12           | <b>453</b>     |
|                            | 49.4%        | 6.8%         | 7.1%            | 34.0%        | 2.6%         | <b>100.0%</b>  |
| <b>Frost</b>               | 256          | 14           | 9               | 139          | 5            | <b>423</b>     |
|                            | 60.5%        | 3.3%         | 2.1%            | 32.9%        | 1.2%         | <b>100.0%</b>  |
| <b>Irwin</b>               | 205          | 22           | 38              | 181          | 13           | <b>459</b>     |
|                            | 44.7%        | 4.8%         | 8.3%            | 39.4%        | 2.8%         | <b>100.0%</b>  |
| <b>Lawrence Brook</b>      | 231          | 17           | 27              | 144          | 7            | <b>426</b>     |
|                            | 54.2%        | 4.0%         | 6.3%            | 33.8%        | 1.6%         | <b>100.0%</b>  |
| <b>Memorial</b>            | 296          | 11           | 29              | 148          | 15           | <b>499</b>     |
|                            | 59.3%        | 2.2%         | 5.8%            | 29.7%        | 3.0%         | <b>100.0%</b>  |
| <b>Warnsdorfer</b>         | 245          | 14           | 12              | 163          | 9            | <b>443</b>     |
|                            | 55.3%        | 3.2%         | 2.7%            | 36.8%        | 2.0%         | <b>100.0%</b>  |
| <b>Hammarskjold M.S.</b>   | 762          | 66           | 86              | 437          | 6            | <b>1,357</b>   |
|                            | 56.2%        | 4.9%         | 6.3%            | 32.2%        | 0.4%         | <b>100.0%</b>  |
| <b>Churchill Jr. H.S.</b>  | 725.5        | 57           | 88.5            | 440.5        | 5            | <b>1,316.5</b> |
|                            | 55.1%        | 4.3%         | 6.7%            | 33.5%        | 0.4%         | <b>100.0%</b>  |
| <b>East Brunswick H.S.</b> | 1,319.5      | 104.5        | 135.5           | 663.5        | 12.5         | <b>2,235.5</b> |
|                            | 59.0%        | 4.7%         | 6.1%            | 29.7%        | 0.6%         | <b>100.0%</b>  |
| <b>Total</b>               | 4,645        | 359.5        | 502             | 2,645        | 99.5         | <b>8,251</b>   |
|                            | 56.3%        | 4.4%         | 6.1%            | 32.1%        | 1.2%         | <b>100.0%</b>  |

**Source:** East Brunswick Public Schools

**Note:** Highlighted cells are the majority race in the school.

## Free or Reduced Lunch

As a proxy for measuring poverty in the school district, counts of students receiving free or reduced lunch were compiled for 2008-09 through 2013-14. Figure 15 below partitions the district's total number of students receiving free or reduced lunch by school in 2008-09. Approximately 20.4% of the district's free or reduced lunch population attended East Brunswick High School. Another 18.4% attended Hammarskjold while 18.3% attended Churchill. At the elementary level, Lawrence Brook had the greatest percentage (10.8%) of the district's free or reduced lunch population while Warnsdorfer had the smallest percentage (2.5%).

**Figure 15**  
**East Brunswick Free & Reduced Lunch by School**  
**2008-09**

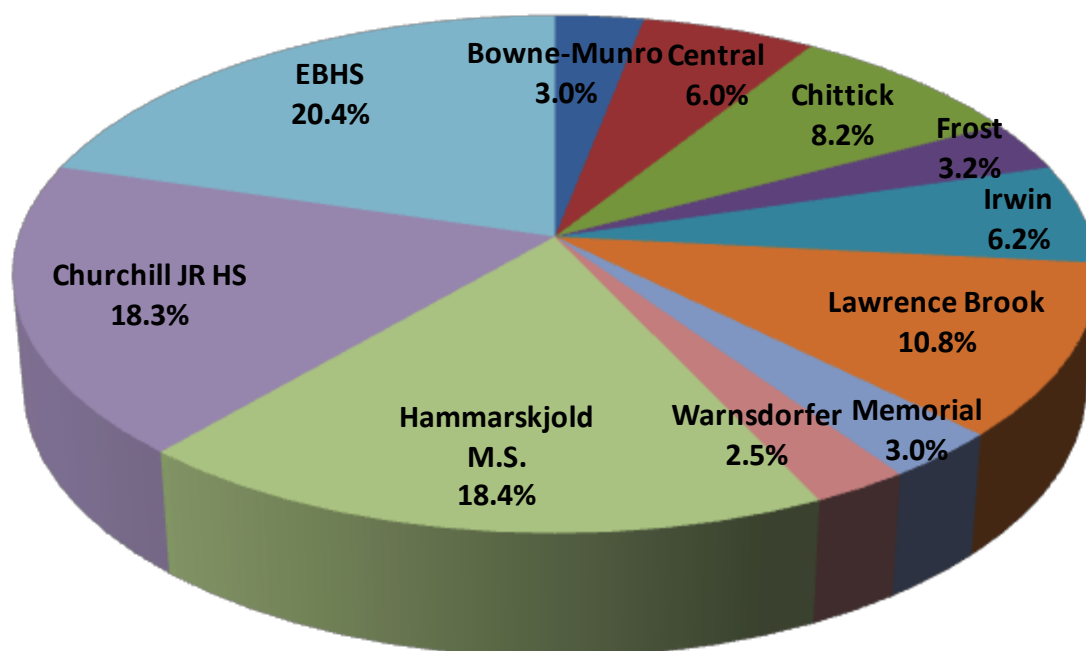
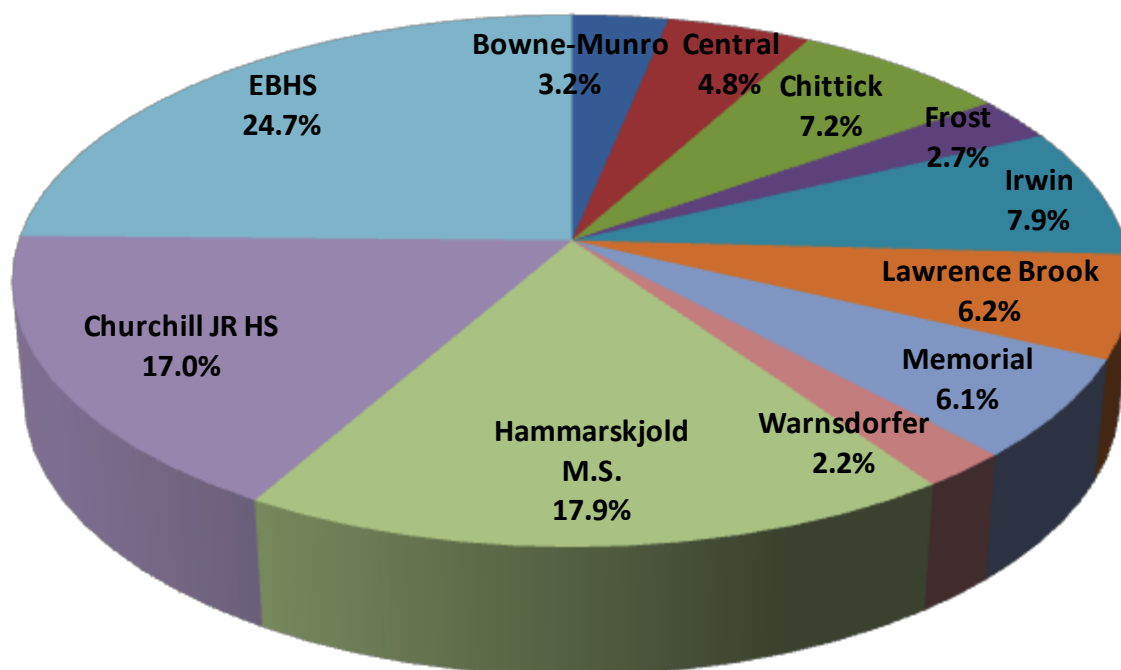




Figure 16 below partitions the district's total number of students receiving free or reduced lunch by school in 2013-14. Nearly one-quarter (24.7%) of the district's free or reduced lunch population attend East Brunswick High School, which is a gain of 4.3 percentage points from 2008-09. The percentage receiving free or reduced lunch at Hammarskjold and Churchill is slightly less than five years ago. At the elementary level, the biggest changes occurred at Lawrence Brook and Memorial, which declined by 4.6 percentage points and increased by 3.1 percentage points respectively. Of the elementary schools, Irwin had the greatest percentage (7.9%) of the district's free or reduced lunch population while Warnsdorfer had the smallest percentage (2.2%).

**Figure 16**  
**East Brunswick Free & Reduced Lunch by School**  
**2013-14**



The total number of students who received free or reduced lunch was compiled by school for 2008-09 through 2013-14 and is shown in Table 12. The percentage of students receiving free or reduced lunch *within* each school is shown for 2008-09 and 2013-14 for comparison purposes. The table also shows the overall percentage of students receiving free or reduced lunch with respect to the district's total enrollment and the change in the number of students receiving free or reduced lunch over this time period for each school. At the district level, the number and percent of students receiving free or reduced lunch has been steadily increasing. Whereas 789 students (8.9%) received free or reduced lunch in the school district in 2008-09, the number increased to 1,304 (15.8%) in 2013-14.

At the elementary school level, all schools have a higher percentage of students receiving free or reduced lunch in 2013-14 as compared to 2008-09. Despite small changes in the *number* of students receiving free or reduced lunch in some schools, the percentages have increased due to declining overall enrollment. The largest increases in the number of students receiving free or reduced lunch over this time period occurred in Memorial (+55) and Irwin (+54). Memorial's increase in its free or reduced lunch population in the last two years is a result of a change in the school attendance boundaries for Memorial and Lawrence Brook, whereby more students from Lawrence Brook now attend Memorial after the new Memorial school building opened in September 2012. The number and percentage of students receiving free or reduced lunch at Hammarskjold and Churchill has also increased from five years ago. East Brunswick High School has also experienced a large increase in the number of students receiving free or reduced lunch since 2008-09 (+161.5) as well as a doubling of the percentage of students receiving free or reduced lunch.

**Table 12**  
**Number of Students Receiving Free or Reduced Lunch from 2008-09 to 2013-14**

|                                | <b>2008-09</b> | <b>2009-10</b> | <b>2010-11</b> | <b>2011-12</b> | <b>2012-13</b> | <b>2013-14</b>   | <b>Change</b> |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|------------------|---------------|
| <b>Bowne-Munro</b>             | 24<br>(8.1%)   | 28             | 30             | 34             | 37             | 42<br>(19.7%)    | <b>+18</b>    |
| <b>Central</b>                 | 47<br>(10.5%)  | 49             | 40             | 51             | 46             | 63<br>(14.8%)    | <b>+16</b>    |
| <b>Chinnick</b>                | 65<br>(13.1%)  | 70             | 76             | 97             | 88             | 94<br>(20.8%)    | <b>+29</b>    |
| <b>Frost</b>                   | 25<br>(5.0%)   | 36             | 41             | 29             | 30             | 35<br>(8.3%)     | <b>+10</b>    |
| <b>Irwin</b>                   | 49<br>(11.1%)  | 68             | 61             | 71             | 81             | 103<br>(22.4%)   | <b>+54</b>    |
| <b>Lawrence Brook</b>          | 85<br>(14.9%)  | 109            | 99             | 111            | 73             | 81<br>(19.0%)    | <b>-4</b>     |
| <b>Memorial</b>                | 24<br>(6.4%)   | 24             | 26             | 25             | 60             | 79<br>(15.8%)    | <b>+55</b>    |
| <b>Warnsdorfer</b>             | 20<br>(4.0%)   | 15             | 15             | 17             | 22             | 29<br>(6.5%)     | <b>+9</b>     |
| <b>Hammarskjold<br/>M.S.</b>   | 145<br>(10.1%) | 203            | 157            | 161            | 187            | 234<br>(17.2%)   | <b>+89</b>    |
| <b>Churchill<br/>Jr. H.S.</b>  | 144<br>(9.8%)  | 150            | 190            | 194.5          | 159.5          | 221.5<br>(16.8%) | <b>+77.5</b>  |
| <b>East Brunswick<br/>H.S.</b> | 161<br>(7.0%)  | 216            | 221            | 253.5          | 245.5          | 322.5<br>(14.4%) | <b>+161.5</b> |
| <b>Total</b>                   | <b>789</b>     | <b>968</b>     | <b>956</b>     | <b>1,044</b>   | <b>1,029</b>   | <b>1,304</b>     | <b>+515</b>   |
| <b>Percent of<br/>Total</b>    | <b>8.9%</b>    | <b>11.1%</b>   | <b>11.2%</b>   | <b>12.6%</b>   | <b>12.5%</b>   | <b>15.8%</b>     |               |

## Effects of Housing Growth

Mr. Steven Gottlieb, East Brunswick Planner and Landscape Architect, provided information regarding potential residential developments in the community. A list of developments and the potential number of new housing units is shown in Table 13. In total, there is the potential for 533 multi-family housing units.

The first project, which is currently under construction, is the redevelopment of the Golden Triangle. The residential component of the project calls for 400 market-rate rental apartment units consisting of one to three bedrooms. A second project, located at 85 Main Street near the Spotswood border, would consist of 133 two-bedroom apartments and townhouses. Twenty of the units would be set aside for low and moderate income households.

**Table 13**  
**Potential New Housing in East Brunswick Township**

| <b>Development</b>                      | <b>Number of Units</b> | <b>Housing Type</b> | <b>Notes</b>                                                                                    |
|-----------------------------------------|------------------------|---------------------|-------------------------------------------------------------------------------------------------|
| <b>Golden Triangle Redevelopment</b>    | 400                    | Apartments          | Bedroom Configuration: 202 1-BR, 182 2-BR, and 16 3-BR                                          |
| <b>Arisa Realty Inc. 85 Main Street</b> | 133                    | Apts./Townhouses    | Two-Bedroom units. 20 of the units will be set aside for households of low and moderate-income. |
| <b>Total</b>                            | <b>533 units</b>       |                     |                                                                                                 |

**Source:** Mr. Steven Gottlieb, East Brunswick Township Planner and Landscape Architect

### *Computation of Student Yields*

A detailed student yield (children per housing unit) analysis was completed for detached single-family homes, townhouses/condominiums, and apartments. To complete this task, the property tax address database of all 1-4 family homes in East Brunswick was analyzed at the street level. The total number of homes on each street was extracted and the number of public school children on each street was tabulated and disaggregated by elementary, middle, junior high, and high school level (PK-5, 6-7, 8-9, 10-12) by using the district's 2013-14 student database. Student yields by street are shown in Table A1 in the Appendix. Students living outside of East Brunswick were excluded from this analysis. Streets containing age-restricted housing units were also excluded.

Table 14 following summarizes the student yields for detached single-family homes for the elementary, middle, junior high, and high school levels. Student yields are greatest for elementary children, which is not unexpected since there are seven grades. The overall student yield in the district is 0.56 children per detached single-family home.

**Table 14**  
**East Brunswick Student Yields for Detached Single-Family Homes**

| <b>Number of Housing Units</b> | <b>PK-5 Students</b> | <b>6-7 Students</b> | <b>8-9 Students</b> | <b>10-12 Students</b> | <b>Total Students<sup>1</sup></b> |
|--------------------------------|----------------------|---------------------|---------------------|-----------------------|-----------------------------------|
| 11,483                         | 2,516                | 1,043               | 1,056               | 1,801                 | <b>6,408</b>                      |
| <b>Yield</b>                   | <b>0.22</b>          | <b>0.09</b>         | <b>0.09</b>         | <b>0.16</b>           | <b>0.56</b>                       |

**Note:** <sup>1</sup>Based on 2013-14 enrollment

Regarding developments that contain townhouses or condominiums, Table 15 lists townhouse or condominium developments in East Brunswick. There are 1,401 students in 3,427 units, resulting in an overall student yield of 0.41. Student yields by development are quite varied, ranging from 0.19 to 0.81.

**Table 15**  
**East Brunswick Student Yields by Condominiums/Townhouses**

| <b>Development</b>                      | <b>Number of Units</b> | <b>PK-5 Students</b> | <b>6-7 Students</b> | <b>8-9 Students</b> | <b>10-12 Students</b> | <b>Total Students<sup>1</sup></b> | <b>Total Student Yield</b> |
|-----------------------------------------|------------------------|----------------------|---------------------|---------------------|-----------------------|-----------------------------------|----------------------------|
| <b>Briar Ridge</b>                      | 61                     | 5                    | 3                   | 1                   | 4                     | 13                                | <b>0.21</b>                |
| <b>Carriage Square</b>                  | 80                     | 10                   | 4                   | 5                   | 10                    | 29                                | <b>0.36</b>                |
| <b>Colonial Oaks</b>                    | 48                     | 12                   | 10                  | 6                   | 11                    | 39                                | <b>0.81</b>                |
| <b>The Commons at Kingswood Station</b> | 242                    | 33                   | 11                  | 8                   | 17                    | 69                                | <b>0.29</b>                |
| <b>Country Woods</b>                    | 294                    | 62                   | 20                  | 21                  | 39                    | 142                               | <b>0.48</b>                |
| <b>Crosspointe</b>                      | 463                    | 38                   | 17                  | 17                  | 16                    | 88                                | <b>0.19</b>                |
| <b>Dunham's Court</b>                   | 71                     | 18                   | 0                   | 2                   | 10                    | 30                                | <b>0.42</b>                |
| <b>Fox Meadow</b>                       | 264                    | 60                   | 20                  | 22                  | 33                    | 135                               | <b>0.51</b>                |
| <b>Lake Avenue</b>                      | 291                    | 51                   | 18                  | 17                  | 14                    | 100                               | <b>0.34</b>                |
| <b>Lexington Village</b>                | 226                    | 41                   | 24                  | 16                  | 29                    | 110                               | <b>0.49</b>                |
| <b>Society Hill</b>                     | 739                    | 159                  | 59                  | 35                  | 74                    | 327                               | <b>0.44</b>                |
| <b>Summerhill Meadows</b>               | 172                    | 32                   | 26                  | 17                  | 22                    | 97                                | <b>0.56</b>                |
| <b>Summerhill Village</b>               | 64                     | 13                   | 5                   | 2                   | 3                     | 23                                | <b>0.36</b>                |
| <b>Timber Hollow</b>                    | 203                    | 36                   | 8                   | 11                  | 20                    | 75                                | <b>0.37</b>                |
| <b>Windsong</b>                         | 180                    | 65                   | 16                  | 18                  | 13                    | 112                               | <b>0.62</b>                |
| <b>Williams Court</b>                   | 29                     | 3                    | 1                   | 2                   | 6                     | 12                                | <b>0.41</b>                |
| <b>Total</b>                            | <b>3,427</b>           | <b>638</b>           | <b>242</b>          | <b>200</b>          | <b>321</b>            | <b>1,401</b>                      | <b>0.41</b>                |

**Note:** <sup>1</sup>Based on 2013-14 enrollment

In addition, student yields were computed for four large-scale apartment complexes in East Brunswick. All of the apartment complexes contain a mix of one and two bedroom units. As shown in Table 16, the average student yield is 0.32 children per unit and ranges between 0.21 and 0.42 children per housing unit. The largest yields are in Cranbury Crossing (0.39) and Taylor Gardens (0.42).

**Table 16**  
**Student Yields for Apartments in East Brunswick**

| <b>Development</b>         | <b>Number of Units</b> | <b>PK-5 Students</b> | <b>6-7 Students</b> | <b>8-9 Students</b> | <b>10-12 Students</b> | <b>Total Students<sup>1</sup></b> | <b>Student Yield</b> |
|----------------------------|------------------------|----------------------|---------------------|---------------------|-----------------------|-----------------------------------|----------------------|
| <b>Cranbury Crossing</b>   | 160                    | 31                   | 9                   | 9                   | 14                    | <b>63</b>                         | <b>0.39</b>          |
| <b>Royal Gardens</b>       | 96                     | 11                   | 5                   | 3                   | 8                     | <b>27</b>                         | <b>0.28</b>          |
| <b>Taylor Gardens</b>      | 363                    | 61                   | 27                  | 24                  | 41                    | <b>153</b>                        | <b>0.42</b>          |
| <b>Wyndmoor Apartments</b> | 410                    | 39                   | 11                  | 13                  | 22                    | <b>85</b>                         | <b>0.21</b>          |
| <b>Total</b>               | <b>1,029</b>           | <b>142</b>           | <b>52</b>           | <b>49</b>           | <b>85</b>             | <b>328</b>                        | <b>0.32</b>          |

**Note:** <sup>1</sup> Based on 2013-14 enrollment

To determine the number of children that might come from the apartment units in the Golden Triangle Redevelopment and 85 Main Street, the overall yield of 0.32 children per apartment unit in Table 16 was used. As there is the potential for 533 apartment units, a total of 169 children may come from these developments.

Regarding affordable housing, the Council on Affordable Housing (“COAH”) was eliminated by Governor Chris Christie in August 2011, when he transferred all functions, powers, duties, and personnel of COAH to the Commissioner of the Department of Community Affairs. However, in March 2012, a New Jersey appeals court overturned the Governor’s efforts to abolish the agency. It is unclear what the future of COAH will be. Prior to its elimination, each community’s 3<sup>rd</sup> round, or projected growth share, was to be satisfied by 2018. The projected growth share is an estimate based on projected housing growth and employment in a community. East Brunswick’s projected growth share is 497 units. However, there recently has been a legal challenge to COAH’s computation of the projected growth share due to the recession, which may impact the number of units a community is required to build.

### *Historical Construction*

With respect to historical new construction, the number of certificates of occupancy (“COs”) issued for new homes in East Brunswick from 2008 to 2013 is shown in Table 17. A total of 36 COs were issued for single-family or two-family homes over this time period, with an additional 93 COs issued for multi-family homes. In total, 129 COs were issued for new homes.

**Table 17**  
**Number of Residential Certificates of Occupancy by Year**

| Year         | East Brunswick |              |           |            |
|--------------|----------------|--------------|-----------|------------|
|              | 1&2 Family     | Multi-Family | Mixed Use | Total      |
| 2008         | 8              | 20           | 0         | 28         |
| 2009         | 14             | 21           | 0         | 35         |
| 2010         | 6              | 8            | 0         | 14         |
| 2011         | 4              | 22           | 0         | 26         |
| 2012         | 3              | 21           | 0         | 24         |
| 2013         | 1              | 1            | 0         | 2          |
| <b>Total</b> | <b>36</b>      | <b>93</b>    | <b>0</b>  | <b>129</b> |

**Source:** New Jersey Department of Community Affairs

*Distribution of Homes by Year Built*

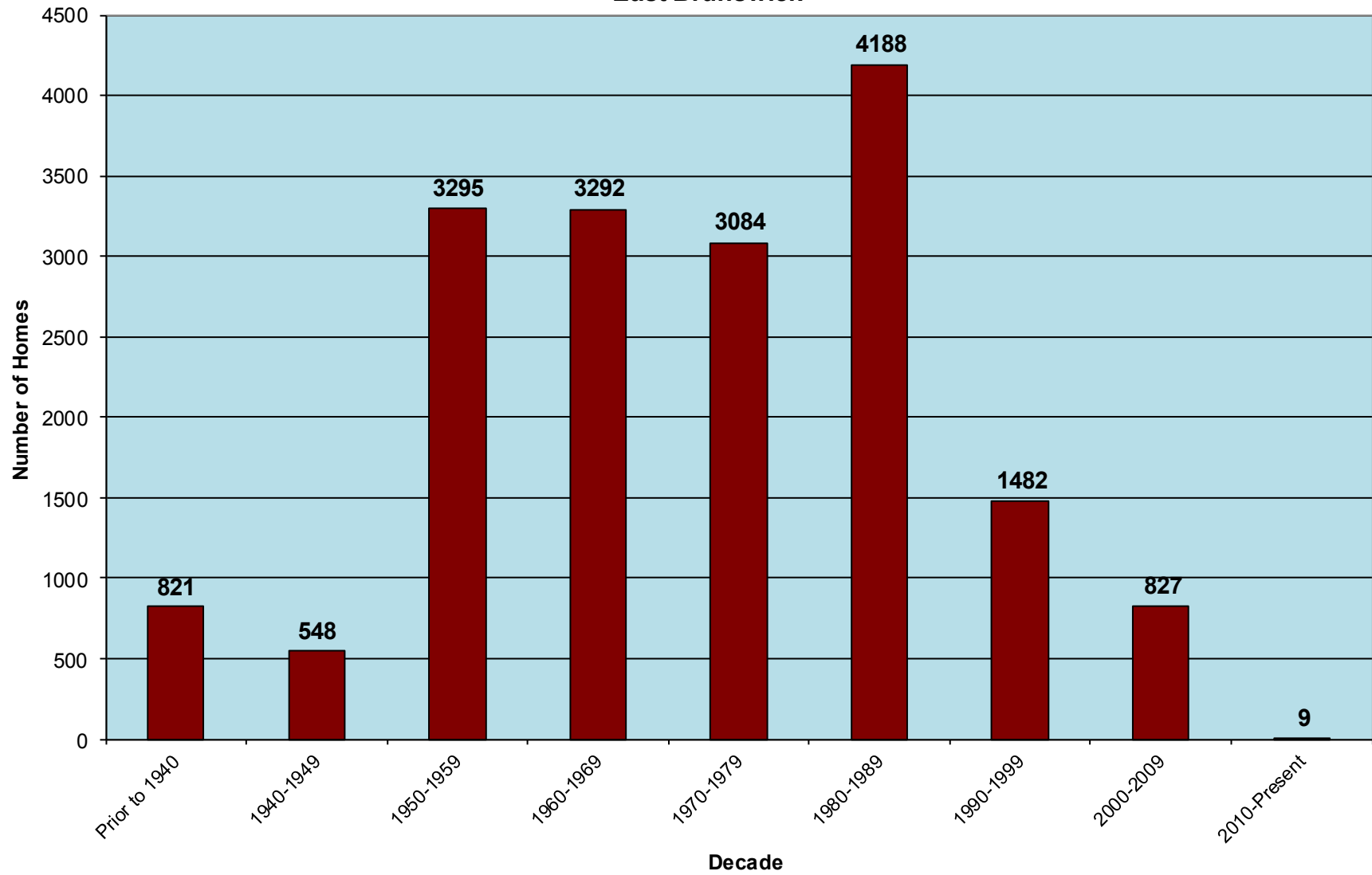
Table 18 and Figure 17 show the number of homes built by decade in East Brunswick. The number of homes constructed in the 1950s, 1960s, and 1970s was quite uniform, ranging from 3,084 to 3,295 units per decade. After more than 4,000 units were built in the 1980s, the growth in new housing has slowed. Nearly 1,500 units were built in the 1990s and approximately 800 units were built in the 2000s.

**Table 18**  
**Number of Homes Built by Decade**

| Decade Built  | East Brunswick |
|---------------|----------------|
| Prior to 1940 | 821            |
| 1940-1949     | 548            |
| 1950-1959     | 3295           |
| 1960-1969     | 3292           |
| 1970-1979     | 3084           |
| 1980-1989     | 4188           |
| 1990-1999     | 1482           |
| 2000-2009     | 827            |
| 2010-2012     | 9              |
| <b>Total</b>  | <b>17,546</b>  |

**Source:** United States Census Bureau

**Figure 17**  
**Number of Homes by Decade Built**  
**East Brunswick**



## Enrollment Projections

Baseline enrollment projections at the individual school level were calculated using cohort-survival ratios based on the last six years of historical enrollment data. Enrollments were computed for each grade from 2014-15 through 2023-24. It should be noted that a five-year projection is more reliable than a ten-year projection. Since birth data are used to project kindergarten students five years later, the ten-year projection in years 6-10 relies on estimated birth counts in order to project the number of kindergarten students. For instance, in the 6<sup>th</sup> year of the ten-year projection, which corresponds to 2019-20, birth data from 2014 would be used to project the number of kindergarten students, and would therefore need to be estimated. For this reason, elementary projections are much more susceptible to higher error rates in a ten-year projection as compared to middle or high school projections, which rely on either children that have already been born or that are currently enrolled in the district.

Enrollments for the self-contained special education/ungraded classes were computed by calculating the historical proportion of self-contained special education/ungraded students with respect to the regular education subtotals at each school and multiplying that value by the future regular education subtotals. The proportions will be shown in the forthcoming tables.

With respect to grade-level pre-kindergarten students, the most recent enrollment (2013-14) from each individual elementary school was used to estimate the future pre-kindergarten enrollment in each school.

On September 10, 2010, New Jersey Governor Chris Christie signed into law the Interdistrict School Choice Program, which took effect in the 2011-12 school year. This enables students to go to a school outside their district of residence if the selected school is participating in the choice program. The choice school sets the number of openings per grade level. The East Brunswick Public Schools does not participate in the program and therefore has no impact on the enrollment projections.

As part of the School Funding Reform Act of 2008 (“SFRA”), all school districts in New Jersey are to provide expanded Abbott-quality pre-school programs for at-risk 3- and 4-year olds as outlined in N.J.A.C. 6A:13A. The State of New Jersey intends to provide aid for the full-day program based on projected enrollment. School districts categorized as District Factor Group<sup>2</sup> (“DFG”) A, B, and CD with a concentration of at-risk pupils equal to or greater than 40 percent, must offer a pre-school program to all pre-school aged children regardless of income, known as “Universal” pre-school. For all other school districts, a pre-school program must be offered only to at-risk children, known as “Targeted” preschool. School districts may educate the pre-school children in district, by outside providers, or through Head Start programs. School districts were required to offer these programs to at least 90% of the eligible pre-school children by 2013-14.

Due to budgetary constraints, the NJDOE postponed the roll-out of the program, which was scheduled for the 2009-10 school year. According to a recent conversation with Ms. Karin Garver, Educational Program Development Specialist in the NJDOE Early Childhood Education,

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<sup>2</sup> Introduced by the New Jersey Department of Education in 1975, it provides a system of ranking school districts in the state by their socio-economic status.



there are no plans in the imminent future by the State Legislature to fund the program, which would prevent school districts from implementing the program. Since it is unclear if and when the program will be funded and subsequently mandated, the forthcoming enrollment projections do not include additional pre-kindergarten students from the SFRA. The pre-school program would have been rolled out over a five-year period according to the following schedule:

- At least 20% of the eligible pre-school universe in Year 1
- At least 35% of the universe in Year 2
- At least 50% of the universe in Year 3
- At least 65% of the universe in Year 4
- At least 90% of the universe in Year 5

The universe of pre-school children in “Universal” districts is computed by multiplying the 1<sup>st</sup> grade enrollment in 2007-08 by two. The universe of pre-school children in “Targeted” districts is computed by multiplying the 1<sup>st</sup> grade enrollment in 2007-08 by two and then multiplying by the percentage of students (K-12) having free or reduced lunch in the district. The East Brunswick Public Schools is a “Targeted” district since its DFG is “I” with a concentration of at-risk pupils less than 40 percent (7.80%). In Table 19 following, the estimated number of total eligible pre-school students is provided with the estimated five-year rollout. For the purpose of this study, it has been assumed that the district would educate its pre-school children in-house. As the table shows, there is the potential for 87 pre-kindergarten students as a result of the SFRA.

**Table 19**  
**Estimated Number of Eligible Pre-School Students**  
**as Per School Funding Reform Act of 2008**

| <b>DFG<br/>(2000)</b> | <b>Total<br/>eligible</b> | <b>Year 1</b> | <b>Year 2</b> | <b>Year 3</b> | <b>Year 4</b> | <b>Year 5</b> |
|-----------------------|---------------------------|---------------|---------------|---------------|---------------|---------------|
| <b>I</b>              | <b>87</b>                 | 17            | 30            | 44            | 57            | 78            |

**Source:** New Jersey Department of Education, Division of Early Childhood Education

## Projections by School

### Bowne-Munro Elementary School

Historical enrollments for Bowne-Munro Elementary School (“Bowne-Munro”) from 2004-05 to 2013-14, and projected enrollments from 2014-15 to 2023-24, are shown below in Table 20. In general, enrollment has been declining. In 2013-14, enrollment was 213 students, which is a loss of 97 students from the 2004-05 enrollment of 310. In the first five years of the projection period, enrollment is projected to slowly decline to 195 in 2018-19, which would be a loss of 18 students. In the last five years of the projection period, enrollment is projected to range from 198 to 200 students due to holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades.

**Table 20**  
**Historical and Projected Enrollments of Bowne-Munro Elementary School**

| Year                          | PK | K                    | 1                    | 2       | 3       | 4       | 5       | SE <sup>2</sup>     | PK-5 Total |
|-------------------------------|----|----------------------|----------------------|---------|---------|---------|---------|---------------------|------------|
| <b>Historical<sup>1</sup></b> |    |                      |                      |         |         |         |         |                     |            |
| <b>2004-05</b>                | 0  | 44                   | 49                   | 54      | 50      | 42      | 55      | 16                  | <b>310</b> |
| <b>2005-06</b>                | 0  | 39                   | 51                   | 49      | 50      | 45      | 44      | 20                  | <b>298</b> |
| <b>2006-07</b>                | 0  | 37                   | 48                   | 50      | 51      | 52      | 48      | 9                   | <b>295</b> |
| <b>2007-08</b>                | 0  | 33                   | 47                   | 56      | 70      | 54      | 54      | 0                   | <b>314</b> |
| <b>2008-09</b>                | 0  | 31                   | 42                   | 44      | 61      | 64      | 55      | 0                   | <b>297</b> |
| <b>2009-10</b>                | 0  | 27                   | 38                   | 46      | 41      | 64      | 65      | 5                   | <b>286</b> |
| <b>2010-11</b>                | 0  | 37                   | 27                   | 38      | 47      | 40      | 67      | 0                   | <b>256</b> |
| <b>2011-12</b>                | 0  | 28                   | 43                   | 36      | 40      | 48      | 43      | 0                   | <b>238</b> |
| <b>2012-13</b>                | 0  | 35                   | 35                   | 42      | 39      | 38      | 47      | 0                   | <b>236</b> |
| <b>2013-14</b>                | 0  | 28                   | 33                   | 33      | 44      | 39      | 36      | 0                   | <b>213</b> |
| <b>CSR 6-Yr. Ratios</b>       |    | 1.03704 <sup>3</sup> | 0.94286 <sup>4</sup> | 1.06963 | 1.02743 | 0.99921 | 1.01281 | 0.0000 <sup>5</sup> |            |
| <b>Projected</b>              |    |                      |                      |         |         |         |         |                     |            |
| <b>2014-15</b>                | 0  | 35                   | 26                   | 35      | 34      | 44      | 39      | 0                   | <b>213</b> |
| <b>2015-16</b>                | 0  | 31                   | 33                   | 28      | 36      | 34      | 45      | 0                   | <b>207</b> |
| <b>2016-17</b>                | 0  | 34                   | 29                   | 35      | 29      | 36      | 34      | 0                   | <b>197</b> |
| <b>2017-18</b>                | 0  | 33                   | 32                   | 31      | 36      | 29      | 36      | 0                   | <b>197</b> |
| <b>2018-19</b>                | 0  | 33                   | 31                   | 34      | 32      | 36      | 29      | 0                   | <b>195</b> |
| <b>2019-20</b>                | 0  | 33                   | 31                   | 33      | 35      | 32      | 36      | 0                   | <b>200</b> |
| <b>2020-21</b>                | 0  | 33                   | 31                   | 33      | 34      | 35      | 32      | 0                   | <b>198</b> |
| <b>2021-22</b>                | 0  | 33                   | 31                   | 33      | 34      | 34      | 35      | 0                   | <b>200</b> |
| <b>2022-23</b>                | 0  | 33                   | 31                   | 33      | 34      | 34      | 34      | 0                   | <b>199</b> |
| <b>2023-24</b>                | 0  | 33                   | 31                   | 33      | 34      | 34      | 34      | 0                   | <b>199</b> |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students

<sup>3</sup>Birth-to-kindergarten survival ratio based on birth data five years prior and average of last two survival ratios due to implementation of full-day kindergarten program.

<sup>4</sup>Most recent survival ratio was used due to implementation of full-day kindergarten program.

<sup>5</sup>Average proportion of self-contained special education/Ungraded students with respect to PK-5 subtotals based on last four years of data.

## Central Elementary School

Historical enrollments for Central Elementary School (“Central”) from 2004-05 to 2013-14, and projected enrollments from 2014-15 to 2023-24, are shown below in Table 21. Enrollment was rather stable through 2009-10, but has been declining, in general, since 2010-11. In 2013-14, enrollment was 426 students, which is a loss of 38 students from the 2004-05 enrollment of 464. In the first five years of the projection period, enrollment is projected to be fairly stable, ranging between 415-423 students per year, which is similar to the 2013-14 enrollment of 426 students. Enrollment is projected to range from 411 to 413 students in the last five years of the projection period due to holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades.

**Table 21**  
**Historical and Projected Enrollments of Central Elementary School**

| Year                          | PK | K                    | 1                    | 2       | 3       | 4       | 5       | SE <sup>2</sup>       | PK-5 Total   |
|-------------------------------|----|----------------------|----------------------|---------|---------|---------|---------|-----------------------|--------------|
| <b>Historical<sup>1</sup></b> |    |                      |                      |         |         |         |         |                       |              |
| <b>2004-05</b>                | 0  | 49                   | 63                   | 73      | 88      | 75      | 77      | 39                    | <b>464</b>   |
| <b>2005-06</b>                | 0  | 43                   | 57                   | 68      | 72      | 90      | 79      | 33                    | <b>442</b>   |
| <b>2006-07</b>                | 0  | 36                   | 61                   | 62      | 68      | 81      | 93      | 28.5                  | <b>429.5</b> |
| <b>2007-08</b>                | 0  | 52                   | 60                   | 67      | 75      | 78      | 89      | 37                    | <b>458</b>   |
| <b>2008-09</b>                | 0  | 43                   | 70                   | 70      | 70      | 77      | 80      | 35.5                  | <b>445.5</b> |
| <b>2009-10</b>                | 15 | 51                   | 64                   | 64      | 71      | 70      | 81      | 33                    | <b>449</b>   |
| <b>2010-11</b>                | 11 | 37                   | 65                   | 71      | 67      | 73      | 75      | 32                    | <b>431</b>   |
| <b>2011-12</b>                | 17 | 48                   | 55                   | 63      | 68      | 72      | 77      | 26                    | <b>426</b>   |
| <b>2012-13</b>                | 0  | 48                   | 61                   | 55      | 65      | 67      | 75      | 31                    | <b>402</b>   |
| <b>2013-14</b>                | 0  | 60                   | 56                   | 68      | 61      | 71      | 80      | 30                    | <b>426</b>   |
| <b>CSR 6-Yr. Ratios</b>       |    | 1.11064 <sup>3</sup> | 1.16667 <sup>4</sup> | 1.02153 | 1.03195 | 1.03608 | 1.08277 | 0.078405 <sup>5</sup> |              |
| <b>Projected</b>              |    |                      |                      |         |         |         |         |                       |              |
| <b>2014-15</b>                | 0  | 52                   | 70                   | 57      | 70      | 63      | 77      | 30                    | <b>419</b>   |
| <b>2015-16</b>                | 0  | 53                   | 61                   | 72      | 59      | 73      | 68      | 30                    | <b>416</b>   |
| <b>2016-17</b>                | 0  | 53                   | 62                   | 62      | 74      | 61      | 79      | 31                    | <b>422</b>   |
| <b>2017-18</b>                | 0  | 53                   | 62                   | 63      | 64      | 77      | 66      | 30                    | <b>415</b>   |
| <b>2018-19</b>                | 0  | 53                   | 62                   | 63      | 65      | 66      | 83      | 31                    | <b>423</b>   |
| <b>2019-20</b>                | 0  | 53                   | 62                   | 63      | 65      | 67      | 71      | 30                    | <b>411</b>   |
| <b>2020-21</b>                | 0  | 53                   | 62                   | 63      | 65      | 67      | 73      | 30                    | <b>413</b>   |
| <b>2021-22</b>                | 0  | 53                   | 62                   | 63      | 65      | 67      | 73      | 30                    | <b>413</b>   |
| <b>2022-23</b>                | 0  | 53                   | 62                   | 63      | 65      | 67      | 73      | 30                    | <b>413</b>   |
| <b>2023-24</b>                | 0  | 53                   | 62                   | 63      | 65      | 67      | 73      | 30                    | <b>413</b>   |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students

<sup>3</sup>Birth-to-kindergarten survival ratio based on birth data five years prior and average of last two survival ratios due to implementation of full-day kindergarten program.

<sup>4</sup>Most recent survival ratio was used due to implementation of full-day kindergarten program.

<sup>5</sup>Average proportion of self-contained special education/Ungraded students with respect to PK-5 subtotals.

## Chittick Elementary School

Historical enrollments for Chittick Elementary School (“Chittick”) from 2004-05 to 2013-14, and projected enrollments from 2014-15 to 2023-24, are shown below in Table 22. Since peaking at 603 students in 2006-07, enrollment has been declining, in general. In 2013-14, enrollment was 453 students, which is a loss of 97 students from the 2004-05 enrollment of 550. In the first five years of the projection period, enrollment is projected to continue its decline and be 413 in 2018-19, which would be a loss of 40 students. Enrollment is projected to range from 396 to 408 students in the last five years of the projection period due to holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades.

**Table 22**  
**Historical and Projected Enrollments of Chittick Elementary School**

| Year                          | PK | K                    | 1                    | 2       | 3       | 4       | 5       | SE <sup>2</sup>       | PK-5 Total |
|-------------------------------|----|----------------------|----------------------|---------|---------|---------|---------|-----------------------|------------|
| <b>Historical<sup>1</sup></b> |    |                      |                      |         |         |         |         |                       |            |
| <b>2004-05</b>                | 0  | 57                   | 81                   | 96      | 98      | 84      | 99      | 35                    | <b>550</b> |
| <b>2005-06</b>                | 0  | 67                   | 81                   | 83      | 99      | 100     | 88      | 39                    | <b>557</b> |
| <b>2006-07</b>                | 0  | 66                   | 93                   | 93      | 96      | 106     | 112     | 37                    | <b>603</b> |
| <b>2007-08</b>                | 0  | 44                   | 78                   | 86      | 76      | 97      | 103     | 30                    | <b>514</b> |
| <b>2008-09</b>                | 0  | 60                   | 62                   | 82      | 87      | 74      | 103     | 27                    | <b>495</b> |
| <b>2009-10</b>                | 0  | 66                   | 76                   | 73      | 92      | 87      | 77      | 18                    | <b>489</b> |
| <b>2010-11</b>                | 0  | 43                   | 73                   | 82      | 83      | 94      | 90      | 27                    | <b>492</b> |
| <b>2011-12</b>                | 6  | 58                   | 63                   | 79      | 93      | 86      | 98      | 30                    | <b>513</b> |
| <b>2012-13</b>                | 0  | 54                   | 69                   | 69      | 83      | 91      | 82      | 14                    | <b>462</b> |
| <b>2013-14</b>                | 0  | 72                   | 55                   | 69      | 66      | 80      | 91      | 20                    | <b>453</b> |
| <b>CSR 6-Yr. Ratios</b>       |    | 1.16250 <sup>3</sup> | 1.01852 <sup>4</sup> | 1.08676 | 1.08005 | 1.00005 | 1.01421 | 0.048921 <sup>5</sup> |            |
| <b>Projected</b>              |    |                      |                      |         |         |         |         |                       |            |
| <b>2014-15</b>                | 0  | 52                   | 73                   | 60      | 75      | 66      | 81      | 20                    | <b>427</b> |
| <b>2015-16</b>                | 0  | 53                   | 53                   | 79      | 65      | 75      | 67      | 19                    | <b>411</b> |
| <b>2016-17</b>                | 0  | 58                   | 54                   | 58      | 85      | 65      | 76      | 19                    | <b>415</b> |
| <b>2017-18</b>                | 0  | 58                   | 59                   | 59      | 63      | 85      | 66      | 19                    | <b>409</b> |
| <b>2018-19</b>                | 0  | 58                   | 59                   | 64      | 64      | 63      | 86      | 19                    | <b>413</b> |
| <b>2019-20</b>                | 0  | 58                   | 59                   | 64      | 69      | 64      | 64      | 18                    | <b>396</b> |
| <b>2020-21</b>                | 0  | 58                   | 59                   | 64      | 69      | 69      | 65      | 19                    | <b>403</b> |
| <b>2021-22</b>                | 0  | 58                   | 59                   | 64      | 69      | 69      | 70      | 19                    | <b>408</b> |
| <b>2022-23</b>                | 0  | 58                   | 59                   | 64      | 69      | 69      | 70      | 19                    | <b>408</b> |
| <b>2023-24</b>                | 0  | 58                   | 59                   | 64      | 69      | 69      | 70      | 19                    | <b>408</b> |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students, including pre-kindergarten students.

<sup>3</sup>Birth-to-kindergarten survival ratio based on birth data five years prior and average of last two survival ratios due to implementation of full-day kindergarten program.

<sup>4</sup>Most recent survival ratio was used due to implementation of full-day kindergarten program.

<sup>5</sup>Average proportion of self-contained special education/Ungraded students with respect to PK-5 subtotals.

## Frost Elementary School

Historical enrollments for Frost Elementary School (“Frost”) from 2004-05 to 2013-14, and projected enrollments from 2014-15 to 2023-24, are shown below in Table 23. In general, enrollment has been declining since 2005-06. Most recently in 2013-14, enrollment was 423 students, which is a loss of 134 students from the 2004-05 enrollment of 557. Enrollment is projected to be fairly stable in the first five years of the projection period, ranging from 415 to 422 students per year, which is similar to the 2013-14 enrollment of 423 students. Enrollment is projected to range from 409 to 416 students in the last five years of the projection period due to holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades.

**Table 23**  
**Historical and Projected Enrollments of Frost Elementary School**

| Year                          | PK | K                    | 1                    | 2       | 3       | 4       | 5       | SE <sup>2</sup>      | PK-5 Total |
|-------------------------------|----|----------------------|----------------------|---------|---------|---------|---------|----------------------|------------|
| <b>Historical<sup>1</sup></b> |    |                      |                      |         |         |         |         |                      |            |
| <b>2004-05</b>                | 10 | 55                   | 78                   | 98      | 93      | 87      | 102     | 34                   | <b>557</b> |
| <b>2005-06</b>                | 8  | 73                   | 60                   | 80      | 96      | 101     | 87      | 23                   | <b>528</b> |
| <b>2006-07</b>                | 10 | 76                   | 81                   | 62      | 89      | 101     | 102     | 17                   | <b>538</b> |
| <b>2007-08</b>                | 10 | 69                   | 82                   | 74      | 64      | 90      | 103     | 17                   | <b>509</b> |
| <b>2008-09</b>                | 26 | 54                   | 80                   | 86      | 70      | 68      | 94      | 26                   | <b>504</b> |
| <b>2009-10</b>                | 49 | 62                   | 65                   | 82      | 86      | 75      | 76      | 7                    | <b>502</b> |
| <b>2010-11</b>                | 28 | 55                   | 70                   | 66      | 94      | 94      | 72      | 10                   | <b>489</b> |
| <b>2011-12</b>                | 19 | 51                   | 65                   | 68      | 68      | 89      | 96      | 3                    | <b>459</b> |
| <b>2012-13</b>                | 0  | 66                   | 55                   | 71      | 75      | 72      | 90      | 0                    | <b>429</b> |
| <b>2013-14</b>                | 0  | 61                   | 73                   | 62      | 74      | 77      | 76      | 0                    | <b>423</b> |
| <b>CSR 6-Yr. Ratios</b>       |    | 1.25706 <sup>3</sup> | 1.10606 <sup>4</sup> | 1.04628 | 1.06437 | 1.03935 | 1.03314 | 0.00000 <sup>5</sup> |            |
| <b>Projected</b>              |    |                      |                      |         |         |         |         |                      |            |
| <b>2014-15</b>                | 0  | 54                   | 67                   | 76      | 66      | 77      | 80      | 0                    | <b>420</b> |
| <b>2015-16</b>                | 0  | 57                   | 60                   | 70      | 81      | 69      | 80      | 0                    | <b>417</b> |
| <b>2016-17</b>                | 0  | 59                   | 63                   | 63      | 75      | 84      | 71      | 0                    | <b>415</b> |
| <b>2017-18</b>                | 0  | 59                   | 65                   | 66      | 67      | 78      | 87      | 0                    | <b>422</b> |
| <b>2018-19</b>                | 0  | 59                   | 65                   | 68      | 70      | 70      | 81      | 0                    | <b>413</b> |
| <b>2019-20</b>                | 0  | 59                   | 65                   | 68      | 72      | 73      | 72      | 0                    | <b>409</b> |
| <b>2020-21</b>                | 0  | 59                   | 65                   | 68      | 72      | 75      | 75      | 0                    | <b>414</b> |
| <b>2021-22</b>                | 0  | 59                   | 65                   | 68      | 72      | 75      | 77      | 0                    | <b>416</b> |
| <b>2022-23</b>                | 0  | 59                   | 65                   | 68      | 72      | 75      | 77      | 0                    | <b>416</b> |
| <b>2023-24</b>                | 0  | 59                   | 65                   | 68      | 72      | 75      | 77      | 0                    | <b>416</b> |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students

<sup>3</sup>Birth-to-kindergarten survival ratio based on birth data five years prior and average of last two survival ratios due to implementation of full-day kindergarten program.

<sup>4</sup>Most recent survival ratio was used due to implementation of full-day kindergarten program.

<sup>5</sup>Average proportion of self-contained special education/Ungraded students with respect to PK-5 subtotals based on last two years of data.

## Irwin Elementary School

Historical enrollments for Irwin Elementary School (“Irwin”) from 2004-05 to 2013-14, and projected enrollments from 2014-15 to 2023-24, are shown below in Table 24. Enrollment peaked at 533 students in 2005-06 before declining to 407 students in 2010-11. Since then, enrollment has been increasing in the school. Most recently in 2013-14, enrollment was 459 students, which is a loss of 67 students from the 2004-05 enrollment of 526. In the first five years of the projection period, enrollment is projected to increase to 470 in 2018-19, which would be a gain of 11 students. Enrollment is projected to range from 458 to 469 students in the last five years of the projection period due to holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades.

**Table 24**  
**Historical and Projected Enrollments of Irwin Elementary School**

| Year                          | PK | K                    | 1                    | 2       | 3       | 4       | 5       | SE <sup>2</sup>      | PK-5 Total   |
|-------------------------------|----|----------------------|----------------------|---------|---------|---------|---------|----------------------|--------------|
| <b>Historical<sup>1</sup></b> |    |                      |                      |         |         |         |         |                      |              |
| <b>2004-05</b>                | 0  | 69                   | 88                   | 92      | 86      | 94      | 97      | 0                    | <b>526</b>   |
| <b>2005-06</b>                | 0  | 73                   | 96                   | 88      | 96      | 84      | 92      | 4                    | <b>533</b>   |
| <b>2006-07</b>                | 0  | 60                   | 88                   | 90      | 97      | 85      | 87      | 9                    | <b>516</b>   |
| <b>2007-08</b>                | 0  | 50                   | 68                   | 73      | 69      | 79      | 86      | 9                    | <b>434</b>   |
| <b>2008-09</b>                | 9  | 64                   | 68                   | 70      | 70      | 70      | 83      | 7.5                  | <b>441.5</b> |
| <b>2009-10</b>                | 14 | 60                   | 77                   | 76      | 71      | 65      | 72      | 0                    | <b>435</b>   |
| <b>2010-11</b>                | 16 | 49                   | 66                   | 77      | 72      | 68      | 59      | 0                    | <b>407</b>   |
| <b>2011-12</b>                | 16 | 54                   | 63                   | 62      | 77      | 69      | 72      | 4                    | <b>417</b>   |
| <b>2012-13</b>                | 0  | 72                   | 64                   | 67      | 73      | 87      | 74      | 10                   | <b>447</b>   |
| <b>2013-14</b>                | 0  | 76                   | 88                   | 66      | 73      | 77      | 79      | 0                    | <b>459</b>   |
| <b>CSR 6-Yr. Ratios</b>       |    | 1.43925 <sup>3</sup> | 1.10000 <sup>4</sup> | 1.03036 | 1.04573 | 1.00586 | 0.99512 | 0.01086 <sup>5</sup> |              |
| <b>Projected</b>              |    |                      |                      |         |         |         |         |                      |              |
| <b>2014-15</b>                | 0  | 59                   | 84                   | 91      | 69      | 73      | 77      | 5                    | <b>458</b>   |
| <b>2015-16</b>                | 0  | 71                   | 65                   | 87      | 95      | 69      | 73      | 5                    | <b>465</b>   |
| <b>2016-17</b>                | 0  | 67                   | 78                   | 67      | 91      | 96      | 69      | 5                    | <b>473</b>   |
| <b>2017-18</b>                | 0  | 68                   | 74                   | 80      | 70      | 92      | 96      | 5                    | <b>485</b>   |
| <b>2018-19</b>                | 0  | 68                   | 75                   | 76      | 84      | 70      | 92      | 5                    | <b>470</b>   |
| <b>2019-20</b>                | 0  | 68                   | 75                   | 77      | 79      | 84      | 70      | 5                    | <b>458</b>   |
| <b>2020-21</b>                | 0  | 68                   | 75                   | 77      | 81      | 79      | 84      | 5                    | <b>469</b>   |
| <b>2021-22</b>                | 0  | 68                   | 75                   | 77      | 81      | 81      | 79      | 5                    | <b>466</b>   |
| <b>2022-23</b>                | 0  | 68                   | 75                   | 77      | 81      | 81      | 81      | 5                    | <b>468</b>   |
| <b>2023-24</b>                | 0  | 68                   | 75                   | 77      | 81      | 81      | 81      | 5                    | <b>468</b>   |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students

<sup>3</sup>Birth-to-kindergarten survival ratio based on birth data five years prior and average of last two survival ratios due to implementation of full-day kindergarten program.

<sup>4</sup>Estimated survival ratio

<sup>5</sup>Average proportion of self-contained special education/Ungraded students with respect to PK-5 subtotals based on last three years of data.

## Lawrence Brook Elementary School

Historical enrollments for Lawrence Brook Elementary School (“Lawrence Brook”) from 2004-05 to 2013-14, and projected enrollments from 2014-15 to 2023-24, are shown below in Table 25. After peaking at 572 students in 2008-09, enrollment has been declining since. Lawrence Brook’s loss of 90 students in 2012-13 is a result of a change in the school attendance boundaries for Memorial and Lawrence Brook, whereby more students from Lawrence Brook now attend Memorial after the new Memorial school building opened in September 2012. In 2013-14, enrollment was 426 students, which is a loss of 34 students from the 2004-05 enrollment of 460. In the next five years, enrollment is projected to slowly decline and be 402 in 2018-19, which would be a loss of 24 students from the 2013-14 enrollment. Enrollment is projected to range from 406 to 419 students in the last five years of the projection period due to holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades.

**Table 25**  
**Historical and Projected Enrollments of Lawrence Brook Elementary School**

| Year                          | PK | K                    | 1                    | 2       | 3       | 4       | 5       | SE <sup>2</sup>       | PK-5 Total |
|-------------------------------|----|----------------------|----------------------|---------|---------|---------|---------|-----------------------|------------|
| <b>Historical<sup>1</sup></b> |    |                      |                      |         |         |         |         |                       |            |
| <b>2004-05</b>                | 0  | 73                   | 75                   | 75      | 76      | 84      | 77      | 0                     | <b>460</b> |
| <b>2005-06</b>                | 0  | 63                   | 73                   | 73      | 72      | 84      | 82      | 5                     | <b>452</b> |
| <b>2006-07</b>                | 0  | 63                   | 75                   | 75      | 75      | 75      | 84      | 0                     | <b>447</b> |
| <b>2007-08</b>                | 0  | 78                   | 88                   | 87      | 85      | 97      | 77      | 14                    | <b>526</b> |
| <b>2008-09</b>                | 10 | 70                   | 89                   | 92      | 95      | 87      | 96      | 33                    | <b>572</b> |
| <b>2009-10</b>                | 13 | 55                   | 84                   | 95      | 93      | 91      | 93      | 23                    | <b>547</b> |
| <b>2010-11</b>                | 18 | 58                   | 65                   | 85      | 92      | 94      | 90      | 21                    | <b>523</b> |
| <b>2011-12</b>                | 26 | 52                   | 66                   | 73      | 86      | 99      | 96      | 14                    | <b>512</b> |
| <b>2012-13</b>                | 0  | 63                   | 59                   | 57      | 67      | 74      | 81      | 21                    | <b>422</b> |
| <b>2013-14</b>                | 19 | 55                   | 66                   | 67      | 59      | 70      | 74      | 16                    | <b>426</b> |
| <b>CSR 6-Yr. Ratios</b>       |    | 0.89539 <sup>3</sup> | 1.14168 <sup>4</sup> | 1.07669 | 1.02362 | 1.02261 | 1.01379 | 0.044409 <sup>5</sup> |            |
| <b>Projected</b>              |    |                      |                      |         |         |         |         |                       |            |
| <b>2014-15</b>                | 19 | 47                   | 58                   | 71      | 69      | 60      | 71      | 18                    | <b>413</b> |
| <b>2015-16</b>                | 19 | 57                   | 49                   | 62      | 73      | 71      | 61      | 17                    | <b>409</b> |
| <b>2016-17</b>                | 19 | 56                   | 60                   | 53      | 63      | 75      | 72      | 18                    | <b>416</b> |
| <b>2017-18</b>                | 19 | 56                   | 59                   | 65      | 54      | 64      | 76      | 17                    | <b>410</b> |
| <b>2018-19</b>                | 19 | 56                   | 59                   | 64      | 67      | 55      | 65      | 17                    | <b>402</b> |
| <b>2019-20</b>                | 19 | 56                   | 59                   | 64      | 66      | 69      | 56      | 17                    | <b>406</b> |
| <b>2020-21</b>                | 19 | 56                   | 59                   | 64      | 66      | 67      | 70      | 18                    | <b>419</b> |
| <b>2021-22</b>                | 19 | 56                   | 59                   | 64      | 66      | 67      | 68      | 18                    | <b>417</b> |
| <b>2022-23</b>                | 19 | 56                   | 59                   | 64      | 66      | 67      | 68      | 18                    | <b>417</b> |
| <b>2023-24</b>                | 19 | 56                   | 59                   | 64      | 66      | 67      | 68      | 18                    | <b>417</b> |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students

<sup>3</sup>Birth-to-kindergarten survival ratio based on birth data five years prior and average of last two survival ratios due to implementation of full-day kindergarten program.

<sup>4</sup>Most recent survival ratio was used due to implementation of full-day kindergarten program.

<sup>5</sup>Average proportion of self-contained special education/Ungraded students with respect to PK-5 subtotals.

## Memorial Elementary School

Historical enrollments for Memorial Elementary School (“Memorial”) from 2004-05 to 2013-14, and projected enrollments from 2014-15 to 2023-24, are shown below in Table 26. In general, enrollment declined from 2008-09 through 2011-12. Memorial’s gain of 129 students in 2012-13 is a result of a change in the school attendance boundaries for Memorial and Lawrence Brook, whereby more students from Lawrence Brook now attend Memorial after the new Memorial school building opened in September 2012. Enrollment increased again in 2013-14 due to hosting a grade-level pre-kindergarten program and is now 499 students. In the next five years, enrollment is projected to be fairly stable, ranging from 495 to 514 students per year, which is similar to the 2013-14 enrollment of 499 students. Enrollment is projected to range from 490 to 499 students in the last five years of the projection period due to holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades.

**Table 26**  
**Historical and Projected Enrollments of Memorial Elementary School**

| Year                          | PK | K                    | 1                    | 2       | 3       | 4       | 5       | SE <sup>2</sup>      | PK-5 Total |
|-------------------------------|----|----------------------|----------------------|---------|---------|---------|---------|----------------------|------------|
| <b>Historical<sup>1</sup></b> |    |                      |                      |         |         |         |         |                      |            |
| <b>2004-05</b>                | 0  | 38                   | 62                   | 49      | 72      | 55      | 82      | 18                   | <b>376</b> |
| <b>2005-06</b>                | 1  | 40                   | 50                   | 72      | 74      | 73      | 55      | 14                   | <b>379</b> |
| <b>2006-07</b>                | 0  | 50                   | 50                   | 50      | 74      | 75      | 71      | 14                   | <b>384</b> |
| <b>2007-08</b>                | 0  | 40                   | 64                   | 61      | 63      | 84      | 77      | 0                    | <b>389</b> |
| <b>2008-09</b>                | 0  | 48                   | 52                   | 66      | 62      | 66      | 82      | 0                    | <b>376</b> |
| <b>2009-10</b>                | 0  | 37                   | 59                   | 57      | 71      | 64      | 66      | 0                    | <b>354</b> |
| <b>2010-11</b>                | 0  | 39                   | 49                   | 58      | 63      | 70      | 69      | 0                    | <b>348</b> |
| <b>2011-12</b>                | 0  | 35                   | 56                   | 53      | 58      | 63      | 71      | 0                    | <b>336</b> |
| <b>2012-13</b>                | 0  | 49                   | 62                   | 72      | 73      | 74      | 89      | 46                   | <b>465</b> |
| <b>2013-14</b>                | 43 | 72                   | 54                   | 67      | 74      | 83      | 76      | 30                   | <b>499</b> |
| <b>CSR 6-Yr. Ratios</b>       |    | 1.38333 <sup>3</sup> | 1.10204 <sup>4</sup> | 1.05455 | 1.04504 | 1.04056 | 1.01913 | 0.08688 <sup>5</sup> |            |
| <b>Projected</b>              |    |                      |                      |         |         |         |         |                      |            |
| <b>2014-15</b>                | 43 | 62                   | 79                   | 57      | 70      | 77      | 85      | 41                   | <b>514</b> |
| <b>2015-16</b>                | 43 | 53                   | 68                   | 83      | 60      | 73      | 78      | 40                   | <b>498</b> |
| <b>2016-17</b>                | 43 | 59                   | 58                   | 72      | 87      | 62      | 74      | 40                   | <b>495</b> |
| <b>2017-18</b>                | 43 | 59                   | 65                   | 61      | 75      | 91      | 63      | 40                   | <b>497</b> |
| <b>2018-19</b>                | 43 | 59                   | 65                   | 69      | 64      | 78      | 93      | 41                   | <b>512</b> |
| <b>2019-20</b>                | 43 | 59                   | 65                   | 69      | 72      | 67      | 79      | 39                   | <b>493</b> |
| <b>2020-21</b>                | 43 | 59                   | 65                   | 69      | 72      | 75      | 68      | 39                   | <b>490</b> |
| <b>2021-22</b>                | 43 | 59                   | 65                   | 69      | 72      | 75      | 76      | 40                   | <b>499</b> |
| <b>2022-23</b>                | 43 | 59                   | 65                   | 69      | 72      | 75      | 76      | 40                   | <b>499</b> |
| <b>2023-24</b>                | 43 | 59                   | 65                   | 69      | 72      | 75      | 76      | 40                   | <b>499</b> |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students

<sup>3</sup>Birth-to-kindergarten survival ratio based on birth data five years prior and average of last two survival ratios due to implementation of full-day kindergarten program.

<sup>4</sup>Most recent survival ratio was used due to implementation of full-day kindergarten program.

<sup>5</sup>Average proportion of self-contained special education/Ungraded students with respect to PK-5 subtotals based on last two years of data.



## Warnsdorfer Elementary School

Historical enrollments for Warnsdorfer Elementary School (“Warnsdorfer”) from 2004-05 to 2013-14, and projected enrollments from 2014-15 to 2023-24, are shown below in Table 27. Prior to 2013-14, enrollment had been steadily declining. Most recently in 2013-14, enrollment was 443 students, which is a loss of 136 students from the 2004-05 enrollment of 579. Enrollment is projected to decline in the first five years of the projection period and be 403 in 2018-19, which would be a loss of 40 students. Enrollment is projected to range from 387 to 418 students in the last five years of the projection period due to holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades.

**Table 27**  
**Historical and Projected Enrollments of Warnsdorfer Elementary School**

| Year                          | PK | K                    | 1                    | 2       | 3       | 4       | 5       | SE <sup>2</sup>       | PK-5 Total |
|-------------------------------|----|----------------------|----------------------|---------|---------|---------|---------|-----------------------|------------|
| <b>Historical<sup>1</sup></b> |    |                      |                      |         |         |         |         |                       |            |
| <b>2004-05</b>                | 0  | 66                   | 84                   | 100     | 96      | 110     | 85      | 38                    | <b>579</b> |
| <b>2005-06</b>                | 0  | 68                   | 89                   | 84      | 99      | 89      | 111     | 45                    | <b>585</b> |
| <b>2006-07</b>                | 0  | 61                   | 86                   | 91      | 92      | 103     | 89      | 29                    | <b>551</b> |
| <b>2007-08</b>                | 0  | 59                   | 85                   | 90      | 88      | 96      | 103     | 22                    | <b>543</b> |
| <b>2008-09</b>                | 0  | 46                   | 71                   | 88      | 95      | 86      | 101     | 13                    | <b>500</b> |
| <b>2009-10</b>                | 0  | 38                   | 75                   | 69      | 92      | 95      | 85      | 8                     | <b>462</b> |
| <b>2010-11</b>                | 0  | 50                   | 64                   | 79      | 71      | 96      | 95      | 0                     | <b>455</b> |
| <b>2011-12</b>                | 0  | 44                   | 64                   | 65      | 78      | 74      | 96      | 8                     | <b>429</b> |
| <b>2012-13</b>                | 0  | 59                   | 65                   | 63      | 67      | 78      | 75      | 7                     | <b>414</b> |
| <b>2013-14</b>                | 16 | 71                   | 64                   | 70      | 71      | 69      | 79      | 3                     | <b>443</b> |
| <b>CSR 6-Yr. Ratios</b>       |    | 1.29168 <sup>3</sup> | 1.08475 <sup>4</sup> | 1.02042 | 1.04391 | 1.02312 | 1.00294 | 0.014340 <sup>5</sup> |            |
| <b>Projected</b>              |    |                      |                      |         |         |         |         |                       |            |
| <b>2014-15</b>                | 16 | 57                   | 77                   | 65      | 73      | 73      | 69      | 6                     | <b>436</b> |
| <b>2015-16</b>                | 16 | 35                   | 62                   | 79      | 68      | 75      | 73      | 6                     | <b>414</b> |
| <b>2016-17</b>                | 16 | 59                   | 38                   | 63      | 82      | 70      | 75      | 6                     | <b>409</b> |
| <b>2017-18</b>                | 16 | 59                   | 64                   | 39      | 66      | 84      | 70      | 6                     | <b>404</b> |
| <b>2018-19</b>                | 16 | 59                   | 64                   | 65      | 41      | 68      | 84      | 6                     | <b>403</b> |
| <b>2019-20</b>                | 16 | 59                   | 64                   | 65      | 68      | 42      | 68      | 5                     | <b>387</b> |
| <b>2020-21</b>                | 16 | 59                   | 64                   | 65      | 68      | 70      | 42      | 6                     | <b>390</b> |
| <b>2021-22</b>                | 16 | 59                   | 64                   | 65      | 68      | 70      | 70      | 6                     | <b>418</b> |
| <b>2022-23</b>                | 16 | 59                   | 64                   | 65      | 68      | 70      | 70      | 6                     | <b>418</b> |
| <b>2023-24</b>                | 16 | 59                   | 64                   | 65      | 68      | 70      | 70      | 6                     | <b>418</b> |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students

<sup>3</sup>Birth-to-kindergarten survival ratio based on birth data five years prior and average of last two survival ratios due to implementation of full-day kindergarten program.

<sup>4</sup>Most recent survival ratio was used due to implementation of full-day kindergarten program.

<sup>5</sup>Average proportion of self-contained special education/Ungraded students with respect to PK-5 subtotals based on last three years of data.

## Hammar skjold Middle School

Historical enrollments for Hammar skjold Middle School (“Hammar skjold”), from 2004-05 to 2013-14, and projected enrollments from 2014-15 to 2023-24, are shown below in Table 28. Enrollment had been declining before reversing trend in 2012-13. In 2013-14, enrollment was 1,357 students, which is a loss of 148 students from the 2004-05 enrollment of 1,505. Despite the recent gains, enrollment is projected to decline in the next five years and be 1,171 in 2018-19, which would be a loss of 186 students. In the last five years, enrollment is projected to decrease through 2021-22 before reversing trend. Enrollment is projected to be 1,158 in 2023-24, which would be a loss of 199 students from the 2013-14 enrollment.

**Table 28**  
**Historical and Projected Enrollments of Hammar skjold Middle School**

| Year                          | 6       | 7       | SE <sup>2</sup>      | 6-7 Total    |
|-------------------------------|---------|---------|----------------------|--------------|
| <b>Historical<sup>1</sup></b> |         |         |                      |              |
| <b>2004-05</b>                | 724     | 750     | 31                   | <b>1,505</b> |
| <b>2005-06</b>                | 704     | 747     | 15                   | <b>1,466</b> |
| <b>2006-07</b>                | 679     | 722     | 8                    | <b>1,409</b> |
| <b>2007-08</b>                | 710     | 696     | 8                    | <b>1,414</b> |
| <b>2008-09</b>                | 716     | 719     | 6                    | <b>1,441</b> |
| <b>2009-10</b>                | 721     | 709     | 22                   | <b>1,452</b> |
| <b>2010-11</b>                | 635     | 739     | 15                   | <b>1,389</b> |
| <b>2011-12</b>                | 641     | 645     | 11                   | <b>1,297</b> |
| <b>2012-13</b>                | 668     | 643     | 11                   | <b>1,322</b> |
| <b>2013-14</b>                | 639     | 698     | 20                   | <b>1,357</b> |
| <b>CSR 6-Yr. Ratios</b>       | 1.03640 | 1.01579 | 0.01040 <sup>3</sup> |              |
| <b>Projected</b>              |         |         |                      |              |
| <b>2014-15</b>                | 613     | 649     | 13                   | <b>1,275</b> |
| <b>2015-16</b>                | 600     | 623     | 13                   | <b>1,236</b> |
| <b>2016-17</b>                | 565     | 609     | 12                   | <b>1,186</b> |
| <b>2017-18</b>                | 570     | 574     | 12                   | <b>1,156</b> |
| <b>2018-19</b>                | 580     | 579     | 12                   | <b>1,171</b> |
| <b>2019-20</b>                | 635     | 589     | 13                   | <b>1,237</b> |
| <b>2020-21</b>                | 535     | 645     | 12                   | <b>1,192</b> |
| <b>2021-22</b>                | 528     | 543     | 11                   | <b>1,082</b> |
| <b>2022-23</b>                | 568     | 536     | 11                   | <b>1,115</b> |
| <b>2023-24</b>                | 569     | 577     | 12                   | <b>1,158</b> |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students

<sup>3</sup>Average proportion of self-contained special education/Ungraded students with respect to 6-7 subtotals

## Churchill Junior High School

Historical enrollments for Churchill Junior High School (“Churchill”), from 2004-05 to 2013-14, and projected enrollments from 2014-15 to 2023-24, are shown below in Table 29. After peaking at 1,536 students in 2006-07, enrollment has been declining since. In 2013-14, enrollment was 1,316.5 students, which is a loss of 165.5 students from the 2004-05 enrollment of 1,482. In the first five years of the projection period, enrollment is projected to decline and be 1,203 in 2018-19, which would be a loss of 113.5 students from the 2013-14 enrollment of 1,316.5 students. In the last five years of the projection period, enrollment is projected to increase through 2021-22 before reversing trend. Enrollment is projected to be 1,098 in 2023-24 which would be a loss of 218.5 students from the 2013-14 enrollment.

**Table 29**  
**Historical and Projected Enrollments of Churchill Junior High School**

| Year                          | 8       | 9       | SE <sup>2</sup>      | 8-9 Total      |
|-------------------------------|---------|---------|----------------------|----------------|
| <b>Historical<sup>1</sup></b> |         |         |                      |                |
| <b>2004-05</b>                | 723     | 748     | 11                   | <b>1,482</b>   |
| <b>2005-06</b>                | 763.5   | 730     | 0                    | <b>1,493.5</b> |
| <b>2006-07</b>                | 761.5   | 774.5   | 0                    | <b>1,536</b>   |
| <b>2007-08</b>                | 734.5   | 767.5   | 0                    | <b>1,502</b>   |
| <b>2008-09</b>                | 700.5   | 760.5   | 3                    | <b>1,464</b>   |
| <b>2009-10</b>                | 726     | 704.5   | 29.5                 | <b>1,460</b>   |
| <b>2010-11</b>                | 717     | 727     | 30                   | <b>1,474</b>   |
| <b>2011-12</b>                | 735.5   | 710     | 19                   | <b>1,464.5</b> |
| <b>2012-13</b>                | 665.5   | 747.5   | 10                   | <b>1,423</b>   |
| <b>2013-14</b>                | 645     | 664.5   | 7                    | <b>1,316.5</b> |
| <b>CSR 6-Yr. Ratios</b>       | 1.01024 | 1.00243 | 0.00621 <sup>3</sup> |                |
| <b>Projected</b>              |         |         |                      |                |
| <b>2014-15</b>                | 705     | 647     | 8                    | <b>1,360</b>   |
| <b>2015-16</b>                | 656     | 707     | 8                    | <b>1,371</b>   |
| <b>2016-17</b>                | 629     | 658     | 8                    | <b>1,295</b>   |
| <b>2017-18</b>                | 615     | 631     | 8                    | <b>1,254</b>   |
| <b>2018-19</b>                | 580     | 616     | 7                    | <b>1,203</b>   |
| <b>2019-20</b>                | 585     | 581     | 7                    | <b>1,173</b>   |
| <b>2020-21</b>                | 595     | 586     | 7                    | <b>1,188</b>   |
| <b>2021-22</b>                | 652     | 596     | 8                    | <b>1,256</b>   |
| <b>2022-23</b>                | 549     | 654     | 7                    | <b>1,210</b>   |
| <b>2023-24</b>                | 541     | 550     | 7                    | <b>1,098</b>   |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education (<http://www.nj.gov/education/data/enr/>) and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students

<sup>3</sup>Average proportion of self-contained special education/Ungraded students with respect to 8-9 subtotals based on last two years of historical data.

## East Brunswick High School

Historical enrollments for East Brunswick High School from 2004-05 to 2013-14, and projected enrollments from 2014-15 to 2023-24, are shown below in Table 30. In general, enrollment has been fairly stable at the school for the last ten years, ranging from 2,193.5-2,302. High school enrollment was 2,235 students in 2013-14, which is nearly identical to the 2004-05 enrollment of 2,238. However, in the next five years, enrollment is projected to decrease and be 2,011 in 2018-19, which would be a loss of 224 students from the 2013-14 enrollment. In the last five years of the projection period, enrollment is projected to further decline and be 1,854 in 2023-24, which would be a loss of 381 students from the 2013-14 enrollment.

**Table 30**  
**Historical and Projected Enrollments of East Brunswick High School**

| Year                          | 10      | 11      | 12      | SE <sup>2</sup>      | 10-12 Total    |
|-------------------------------|---------|---------|---------|----------------------|----------------|
| <b>Historical<sup>1</sup></b> |         |         |         |                      |                |
| <b>2004-05</b>                | 834.5   | 739     | 641.5   | 23                   | <b>2,238</b>   |
| <b>2005-06</b>                | 757     | 793     | 724     | 23                   | <b>2,297</b>   |
| <b>2006-07</b>                | 743     | 732.5   | 769     | 14                   | <b>2,258.5</b> |
| <b>2007-08</b>                | 794     | 712.5   | 710     | 17                   | <b>2,233.5</b> |
| <b>2008-09</b>                | 786     | 772     | 711     | 17                   | <b>2,286</b>   |
| <b>2009-10</b>                | 736.5   | 760     | 765     | 40.5                 | <b>2,302</b>   |
| <b>2010-11</b>                | 729     | 722     | 746     | 46                   | <b>2,243</b>   |
| <b>2011-12</b>                | 756.5   | 700     | 690.5   | 46.5                 | <b>2,193.5</b> |
| <b>2012-13</b>                | 728     | 729.5   | 695.5   | 43.5                 | <b>2,196.5</b> |
| <b>2013-14</b>                | 757     | 715     | 730     | 33                   | <b>2,235</b>   |
| <b>CSR 6-Yr. Ratios</b>       | 1.01637 | 0.97078 | 0.98463 | 0.01720 <sup>3</sup> |                |
| <b>Projected</b>              |         |         |         |                      |                |
| <b>2014-15</b>                | 675     | 735     | 704     | 36                   | <b>2,150</b>   |
| <b>2015-16</b>                | 658     | 655     | 724     | 35                   | <b>2,072</b>   |
| <b>2016-17</b>                | 719     | 639     | 645     | 34                   | <b>2,037</b>   |
| <b>2017-18</b>                | 669     | 698     | 629     | 34                   | <b>2,030</b>   |
| <b>2018-19</b>                | 641     | 649     | 687     | 34                   | <b>2,011</b>   |
| <b>2019-20</b>                | 626     | 622     | 639     | 32                   | <b>1,919</b>   |
| <b>2020-21</b>                | 591     | 608     | 612     | 31                   | <b>1,842</b>   |
| <b>2021-22</b>                | 596     | 574     | 599     | 30                   | <b>1,799</b>   |
| <b>2022-23</b>                | 606     | 579     | 565     | 30                   | <b>1,780</b>   |
| <b>2023-24</b>                | 665     | 588     | 570     | 31                   | <b>1,854</b>   |

**Notes:** <sup>1</sup>Data as provided by the New Jersey Department of Education <http://www.nj.gov/education/data/enr/> and the East Brunswick Public Schools

<sup>2</sup>Self-contained special education enrollment/Ungraded Students

<sup>3</sup>Average proportion of self-contained special education/Ungraded students with respect to 10-12 subtotals.

### **Projected Enrollment by Grade Configuration**

In Table 31 following, projected enrollments are shown by the current grade configurations (PK-5, 6-7, 8-9, and 10-12) in the East Brunswick Public Schools. Total enrollment in the district is projected to be 7,616 students in 2018-19, which would represent a loss of 634.5 students from the 2013-14 enrollment of 8,250.5 students. In 2023-24, total enrollment is projected to be 7,348 students, which would represent a loss of 902.5 students from the 2013-14 enrollment.

For grades PK-5, enrollment in the first five years of the projection period is projected to slightly lower, ranging from 3,231 to 3,300 students per year. Enrollment is projected to be 3,231 in 2018-19, which would represent a loss of 111 students from the 2013-14 enrollment of 3,342 students. In the last five years of the projection period, enrollment is projected to decline in 2019-20 before reversing trend. Enrollments are then projected to stabilize as a result of holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades.

Projected enrollments for grades 6-7 at Hammarskjold, grades 8-9 at Churchill, and grades 10-12 at East Brunswick High School were discussed previously in Tables 28-30.

**Table 31**  
**Projected Enrollments for Grades PK-5, 6-7, 8-9,**  
**10-12, and Total Enrollment**

| Year           | PK | K   | 1   | 2   | 3   | 4   | 5   | SE <sup>1</sup> | PK-5<br>Total | 6   | 7   | SE <sup>2</sup> | 6-7<br>Total | 8   | 9   | SE <sup>3</sup> | 8-9<br>Total | 10  | 11  | 12  | SE <sup>4</sup> | 10-12<br>Total | PK-12<br>Total |
|----------------|----|-----|-----|-----|-----|-----|-----|-----------------|---------------|-----|-----|-----------------|--------------|-----|-----|-----------------|--------------|-----|-----|-----|-----------------|----------------|----------------|
| <b>2014-15</b> | 78 | 418 | 534 | 512 | 526 | 533 | 579 | 120             | <b>3,300</b>  | 613 | 649 | 13              | <b>1,275</b> | 705 | 647 | 8               | <b>1,360</b> | 675 | 735 | 704 | 36              | <b>2,150</b>   | <b>8,085</b>   |
| <b>2015-16</b> | 78 | 410 | 451 | 560 | 537 | 539 | 545 | 117             | <b>3,237</b>  | 600 | 623 | 13              | <b>1,236</b> | 656 | 707 | 8               | <b>1,371</b> | 658 | 655 | 724 | 35              | <b>2,072</b>   | <b>7,916</b>   |
| <b>2016-17</b> | 78 | 445 | 442 | 473 | 586 | 549 | 550 | 119             | <b>3,242</b>  | 565 | 609 | 12              | <b>1,186</b> | 629 | 658 | 8               | <b>1,295</b> | 719 | 639 | 645 | 34              | <b>2,037</b>   | <b>7,760</b>   |
| <b>2017-18</b> | 78 | 445 | 480 | 464 | 495 | 600 | 560 | 117             | <b>3,239</b>  | 570 | 574 | 12              | <b>1,156</b> | 615 | 631 | 8               | <b>1,254</b> | 669 | 698 | 629 | 34              | <b>2,030</b>   | <b>7,679</b>   |
| <b>2018-19</b> | 78 | 445 | 480 | 503 | 487 | 506 | 613 | 119             | <b>3,231</b>  | 580 | 579 | 12              | <b>1,171</b> | 580 | 616 | 7               | <b>1,203</b> | 641 | 649 | 687 | 34              | <b>2,011</b>   | <b>7,616</b>   |
| <b>2019-20</b> | 78 | 445 | 480 | 503 | 526 | 498 | 516 | 114             | <b>3,160</b>  | 635 | 589 | 13              | <b>1,237</b> | 585 | 581 | 7               | <b>1,173</b> | 626 | 622 | 639 | 32              | <b>1,919</b>   | <b>7,489</b>   |
| <b>2020-21</b> | 78 | 445 | 480 | 503 | 527 | 537 | 509 | 117             | <b>3,196</b>  | 535 | 645 | 12              | <b>1,192</b> | 595 | 586 | 7               | <b>1,188</b> | 591 | 608 | 612 | 31              | <b>1,842</b>   | <b>7,418</b>   |
| <b>2021-22</b> | 78 | 445 | 480 | 503 | 527 | 538 | 548 | 118             | <b>3,237</b>  | 528 | 543 | 11              | <b>1,082</b> | 652 | 596 | 8               | <b>1,256</b> | 596 | 574 | 599 | 30              | <b>1,799</b>   | <b>7,374</b>   |
| <b>2022-23</b> | 78 | 445 | 480 | 503 | 527 | 538 | 549 | 118             | <b>3,238</b>  | 568 | 536 | 11              | <b>1,115</b> | 549 | 654 | 7               | <b>1,210</b> | 606 | 579 | 565 | 30              | <b>1,780</b>   | <b>7,343</b>   |
| <b>2023-24</b> | 78 | 445 | 480 | 503 | 527 | 538 | 549 | 118             | <b>3,238</b>  | 569 | 577 | 12              | <b>1,158</b> | 541 | 550 | 7               | <b>1,098</b> | 665 | 588 | 570 | 31              | <b>1,854</b>   | <b>7,348</b>   |

**Notes:** <sup>1</sup>Self-contained special education enrollment/Ungraded Students at the elementary school level

<sup>2</sup>Self-contained special education enrollment/Ungraded Students at the middle school level

<sup>3</sup>Self-contained special education enrollment/Ungraded Students at the junior high school level

<sup>4</sup>Self-contained special education enrollment/Ungraded Students at the high school level

## Adjusted Enrollment Projections

The baseline enrollment projections were adjusted for the new housing planned in the Golden Triangle and at 85 Main Street. The Golden Triangle apartment units would be located in the Lawrence Brook elementary attendance area while 85 Main Street would be located in the Bowne Munro elementary attendance area. The baseline enrollment projections for these schools were adjusted, as well as the projections for Hammarskjold, Churchill, and East Brunswick High School.

To compute the adjusted projections, a few assumptions were made:

1. Each development would be completed by 2015 and students would enter the school district in 2015-16.
2. The yields for the apartments, based on the historical yields shown in Table 16, would be as follows:
  - a.  $K-5 = 0.138$
  - b.  $6-7 = 0.051$
  - c.  $8-9 = 0.048$
  - d.  $10-12 = 0.083$
  - e.  $K-12 = 0.320$
3. The number of new children per grade would be identical in each separate configuration level.
4. The grade-level pre-kindergarten and special education counts in the baseline projections were not changed in the adjusted enrollment projections.

Tables 32 and 33 following show the adjusted projected enrollments for Bowne Munro and Lawrence Brook. At Bowne Munro, enrollment is projected to be fairly stable in the first five years of the projection period, ranging from 213 to 225 students. In the last five years of the projection period, enrollment is projected to range from 216 to 218 students due to holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades.

At Lawrence Brook, enrollment is projected to increase and be 457 students in 2018-19, which would be a gain of 31 students from the 2013-14 enrollment of 426. In the last five years of the projection period, enrollment is projected to range from 461 to 473 students due to holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades.

**Table 32**  
**Adjusted Projected Enrollments of Bowne-Munro Elementary School**

| Year    | PK | K  | 1  | 2  | 3  | 4  | 5  | SE | PK-5 Total |
|---------|----|----|----|----|----|----|----|----|------------|
| 2014-15 | 0  | 35 | 26 | 35 | 34 | 44 | 39 | 0  | 213        |
| 2015-16 | 0  | 34 | 36 | 31 | 39 | 37 | 48 | 0  | 225        |
| 2016-17 | 0  | 37 | 32 | 38 | 32 | 39 | 37 | 0  | 215        |
| 2017-18 | 0  | 36 | 35 | 34 | 39 | 32 | 39 | 0  | 215        |
| 2018-19 | 0  | 36 | 34 | 37 | 35 | 39 | 32 | 0  | 213        |
| 2019-20 | 0  | 36 | 34 | 36 | 38 | 35 | 39 | 0  | 218        |
| 2020-21 | 0  | 36 | 34 | 36 | 37 | 38 | 35 | 0  | 216        |
| 2021-22 | 0  | 36 | 34 | 36 | 37 | 37 | 38 | 0  | 218        |
| 2022-23 | 0  | 36 | 34 | 36 | 37 | 37 | 37 | 0  | 217        |
| 2023-24 | 0  | 36 | 34 | 36 | 37 | 37 | 37 | 0  | 217        |

**Table 33**  
**Adjusted Projected Enrollments of Lawrence Brook Elementary School**

| Year    | PK | K  | 1  | 2  | 3  | 4  | 5  | SE | PK-5 Total |
|---------|----|----|----|----|----|----|----|----|------------|
| 2014-15 | 19 | 47 | 58 | 71 | 69 | 60 | 71 | 18 | 413        |
| 2015-16 | 19 | 66 | 59 | 71 | 82 | 80 | 70 | 17 | 464        |
| 2016-17 | 19 | 65 | 69 | 63 | 72 | 84 | 81 | 18 | 471        |
| 2017-18 | 19 | 65 | 68 | 74 | 64 | 73 | 85 | 17 | 465        |
| 2018-19 | 19 | 65 | 68 | 73 | 76 | 65 | 74 | 17 | 457        |
| 2019-20 | 19 | 65 | 68 | 73 | 75 | 78 | 66 | 17 | 461        |
| 2020-21 | 19 | 65 | 68 | 73 | 75 | 76 | 79 | 18 | 473        |
| 2021-22 | 19 | 65 | 68 | 73 | 75 | 76 | 77 | 18 | 471        |
| 2022-23 | 19 | 65 | 68 | 73 | 75 | 76 | 77 | 18 | 471        |
| 2023-24 | 19 | 65 | 68 | 73 | 75 | 76 | 77 | 18 | 471        |



In Table 34 following, adjusted projected enrollments are shown by the current grade configurations (PK-5, 6-7, 8-9, and 10-12) in the East Brunswick Public Schools. Total enrollment in the district, adjusted for housing growth, is projected to be 7,761 students in 2018-19, which would represent a loss of 489.5 students from the 2013-14 enrollment of 8,250.5 students. In 2023-24, total enrollment is projected to be 7,509 students, which would represent a loss of 741.5 students from the 2013-14 enrollment.

For grades PK-5, enrollment in the first five years of the projection period is projected to be fairly stable, ranging from 3,300 to 3,315 students per year. Enrollment is projected to be 3,304 students in 2018-19, which would represent a loss of 38 students from the 2013-14 enrollment of 3,342 students. In the last five years of the projection period, enrollment is projected to be fairly stable as a result of holding the projected number of births from 2011-2018 constant, which results in constant kindergarten counts five years later and subsequent elementary grades. Enrollment is projected to be 3,310 students in 2023-24, which would represent a loss of 32 students from the 2013-14 enrollment of 3,342 students.

For grades 6-7 at Hammarskjold, enrollment is projected to decline through 2017-18 before stabilizing. Enrollment is projected to be 1,196 in 2018-19, which would be a loss of 161 students from the 2013-14 enrollment of 1,357. In the last five years, enrollment is projected to decrease through 2021-22 before reversing trend. Enrollment is projected to be 1,182 in 2023-24, which would be a loss of 175 students from the 2013-14 enrollment.

For grades 8-9 at Churchill, enrollment is projected to increase for the next two years before reversing trend. Enrollment is projected to be 1,224 in 2018-19, which would be a loss of 92.5 students from the 2013-14 enrollment of 1,316.5 students. In the last five years of the projection period, enrollment is projected to range from 1,126 to 1,282 students per year. Enrollment is projected to be 1,126 in 2023-24, which would be a loss of 190.5 students from the 2013-14 enrollment.

Finally, for grades 10-12 at East Brunswick High School, enrollment is projected to decrease and be 2,037 in 2018-19, which would be a loss of 198 students from the 2013-14 enrollment of 2,235 students. In the last five years of the projection period, enrollment is projected to decline further and be 1,891 in 2023-24, which would be a loss of 344 students from the 2013-14 enrollment.

**Table 34**  
**Adjusted Projected Enrollments for Grades PK-5, 6-7,**  
**8-9, 10-12, and Total Enrollment**

| Year           | PK | K   | 1   | 2   | 3   | 4   | 5   | SE <sup>1</sup> | PK-5<br>Total | 6   | 7   | SE <sup>2</sup> | 6-7<br>Total | 8   | 9   | SE <sup>3</sup> | 8-9<br>Total | 10  | 11  | 12  | SE <sup>4</sup> | 10-12<br>Total | PK-12<br>Total |
|----------------|----|-----|-----|-----|-----|-----|-----|-----------------|---------------|-----|-----|-----------------|--------------|-----|-----|-----------------|--------------|-----|-----|-----|-----------------|----------------|----------------|
| <b>2014-15</b> | 78 | 418 | 534 | 512 | 526 | 533 | 579 | 120             | <b>3,300</b>  | 613 | 649 | 13              | <b>1,275</b> | 705 | 647 | 8               | <b>1,360</b> | 675 | 735 | 704 | 36              | <b>2,150</b>   | <b>8,085</b>   |
| <b>2015-16</b> | 78 | 422 | 464 | 572 | 549 | 551 | 557 | 117             | <b>3,310</b>  | 608 | 632 | 13              | <b>1,253</b> | 664 | 716 | 8               | <b>1,388</b> | 668 | 664 | 734 | 35              | <b>2,101</b>   | <b>8,052</b>   |
| <b>2016-17</b> | 78 | 457 | 454 | 486 | 598 | 561 | 562 | 119             | <b>3,315</b>  | 577 | 617 | 12              | <b>1,206</b> | 638 | 666 | 8               | <b>1,312</b> | 728 | 649 | 654 | 34              | <b>2,065</b>   | <b>7,898</b>   |
| <b>2017-18</b> | 78 | 457 | 492 | 476 | 508 | 612 | 572 | 117             | <b>3,312</b>  | 582 | 586 | 12              | <b>1,180</b> | 623 | 640 | 8               | <b>1,271</b> | 677 | 707 | 639 | 34              | <b>2,057</b>   | <b>7,820</b>   |
| <b>2018-19</b> | 78 | 457 | 492 | 515 | 499 | 519 | 625 | 119             | <b>3,304</b>  | 593 | 591 | 12              | <b>1,196</b> | 592 | 625 | 7               | <b>1,224</b> | 650 | 657 | 696 | 34              | <b>2,037</b>   | <b>7,761</b>   |
| <b>2019-20</b> | 78 | 457 | 492 | 515 | 538 | 510 | 529 | 114             | <b>3,233</b>  | 648 | 602 | 13              | <b>1,263</b> | 597 | 593 | 7               | <b>1,197</b> | 635 | 631 | 647 | 32              | <b>1,945</b>   | <b>7,638</b>   |
| <b>2020-21</b> | 78 | 457 | 492 | 515 | 539 | 549 | 521 | 117             | <b>3,268</b>  | 548 | 658 | 12              | <b>1,218</b> | 608 | 598 | 7               | <b>1,213</b> | 603 | 616 | 621 | 31              | <b>1,871</b>   | <b>7,570</b>   |
| <b>2021-22</b> | 78 | 457 | 492 | 515 | 539 | 550 | 560 | 118             | <b>3,309</b>  | 540 | 557 | 11              | <b>1,108</b> | 665 | 609 | 8               | <b>1,282</b> | 608 | 585 | 607 | 30              | <b>1,830</b>   | <b>7,529</b>   |
| <b>2022-23</b> | 78 | 457 | 492 | 515 | 539 | 550 | 561 | 118             | <b>3,310</b>  | 580 | 549 | 11              | <b>1,140</b> | 563 | 667 | 7               | <b>1,237</b> | 619 | 590 | 576 | 30              | <b>1,815</b>   | <b>7,502</b>   |
| <b>2023-24</b> | 78 | 457 | 492 | 515 | 539 | 550 | 561 | 118             | <b>3,310</b>  | 581 | 589 | 12              | <b>1,182</b> | 555 | 564 | 7               | <b>1,126</b> | 678 | 601 | 581 | 31              | <b>1,891</b>   | <b>7,509</b>   |

**Notes:** <sup>1</sup>Self-contained special education enrollment/Ungraded Students at the elementary school level

<sup>2</sup>Self-contained special education enrollment/Ungraded Students at the middle school level

<sup>3</sup>Self-contained special education enrollment/Ungraded Students at the junior high school level

<sup>4</sup>Self-contained special education enrollment/Ungraded Students at the high school level

## Capacity Analysis

Table 35 shows the educational capacities of the school buildings in the East Brunswick Public Schools in comparison to the actual enrollment in 2013-14 and the adjusted projected enrollments in the 2018-19 and 2023-24 school years. The capacities were obtained from a recently-completed study by Parette Somjen Architects and were computed using Facilities Efficiency Standards (“FES”) methodology as outlined by the NJDOE. As discussed earlier in the report, FES standards take into account square footage allowances per student and have recommended square footages and capacities for different room type usages found within a school. It should be noted that the capacity values are not fixed and can change from year-to-year based on classroom usage. For instance, additional special education classes in a building would reduce the building capacity.

Once the differences between enrollment and capacity are computed, positive values indicate available extra seating while negative values indicate “unhoused students”. In each school, there is currently a surplus of seating with the smallest being at Irwin and the largest occurring in East Brunswick High School. By 2018-19 and 2023-24, surpluses will remain in each of the schools in the district. However, if additional special education classes are introduced, the number of surplus seats shown in the table would decrease. Despite the anticipated new housing in the Bowne-Munro and Lawrence Brook elementary attendance areas, it appears that each school will be able to accommodate the additional students.

**Table 35**  
**Capacity Analysis**

| School                                    | FES Capacity <sup>1</sup> | Enrollment 2013-14 | Difference    | Enrollment 2018-19 | Difference  | Enrollment 2023-24 | Difference  |
|-------------------------------------------|---------------------------|--------------------|---------------|--------------------|-------------|--------------------|-------------|
| <b>Bowne-Munro (K-5)</b>                  | 270                       | 213                | <b>+57</b>    | 213                | <b>+57</b>  | 217                | <b>+53</b>  |
| <b>Central (K-5)</b>                      | 532                       | 426                | <b>+106</b>   | 423                | <b>+109</b> | 413                | <b>+119</b> |
| <b>Chittick (K-5)<sup>2</sup></b>         | 550                       | 453                | <b>+97</b>    | 413                | <b>+137</b> | 408                | <b>+142</b> |
| <b>Frost (K-5)</b>                        | 455                       | 423                | <b>+32</b>    | 413                | <b>+42</b>  | 416                | <b>+39</b>  |
| <b>Irwin (K-5)</b>                        | 478                       | 459                | <b>+19</b>    | 470                | <b>+8</b>   | 468                | <b>+10</b>  |
| <b>Lawrence Brook (PK-5)</b>              | 520                       | 426                | <b>+94</b>    | 457                | <b>+63</b>  | 471                | <b>+49</b>  |
| <b>Memorial (PK-5)</b>                    | 565                       | 499                | <b>+66</b>    | 512                | <b>+53</b>  | 499                | <b>+66</b>  |
| <b>Warnsdorfer (PK-5)</b>                 | 488                       | 443                | <b>+45</b>    | 403                | <b>+85</b>  | 418                | <b>+70</b>  |
| <b>Hammarskjold (6-7)</b>                 | 1,518                     | 1,357              | <b>+161</b>   | 1,196              | <b>+322</b> | 1,182              | <b>+336</b> |
| <b>Churchill (8-9)</b>                    | 1,432                     | 1,316.5            | <b>+115.5</b> | 1,224              | <b>+208</b> | 1,126              | <b>+306</b> |
| <b>East Brunswick High School (10-12)</b> | 2,724                     | 2,235              | <b>+489</b>   | 2,037              | <b>+687</b> | 1,891              | <b>+833</b> |

**Note:** <sup>1</sup>Values were obtained from the District-wide Capacity Study completed for the East Brunswick Public Schools by Parette Somjen Architects Inc., dated August 4, 2014.

<sup>2</sup>Also includes a pre-kindergarten special education program

## Geocoding and Mapping

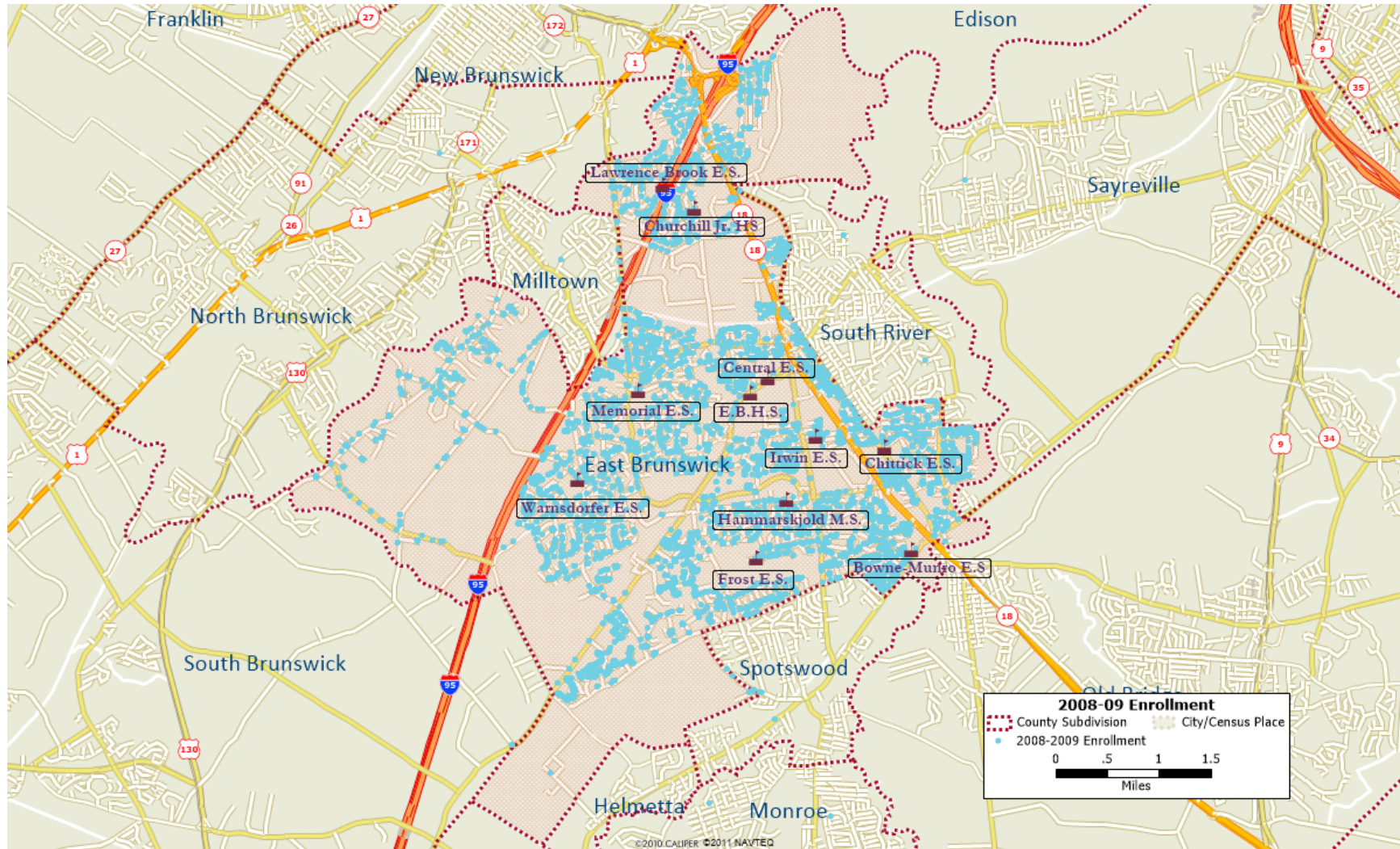
Student addresses from the school district were geocoded or “pin-mapped” for 2008-09 and 2013-14 using mapping software, which are shown in Figures 18 and 19. A very small number of student addresses were unable to be located as the addresses were incomplete or no physical address was provided (P.O. box was only available). In addition, students residing in locations outside of East Brunswick are not shown.

Figures 20 and 21 show the residential locations of the elementary student population for 2008-09 and 2013-14. A very small number of students do not attend their neighborhood school due to specialized programs offered in only some of the elementary schools. These programs included ESL, basic skills, and self-contained special education. In order to show relative concentrations of where students live, student counts (K-12) were aggregated by census block, which are small geographical areas derived from census tracts as created by the United States Census Bureau. Figures 22 and 23 show the number of students per census block in 2008-09 and 2013-14. The number of students per census block has not changed appreciably in the last five years. Since census blocks are not the same size, the greatest number of students are typically located in the largest Census blocks. The greatest number of children per census block (colored dark blue) in 2013-14 is located in the south-central section of East Brunswick, corresponding to the Frost attendance area, and the western section, corresponding to the Warnsdorfer attendance area.

Figures 24 and 25 show the density of students in square miles by census tract, as the size of the census blocks were unavailable for East Brunswick. In an effort to control for the different census tract sizes, the number of students in each census tract was divided by the tract’s geographical area to determine the density of students (students per square mile). This was completed for both 2008-09 and 2013-14. The greatest student densities in 2013-14 are in the eastern section of the township corresponding to the Chittick attendance area. Densities are also high in the center of East Brunswick, which crosses three elementary attendance zones (Central, Irwin, and Memorial). In comparing the figures, the student density has decreased in the area predominantly served by Bowne-Munro.

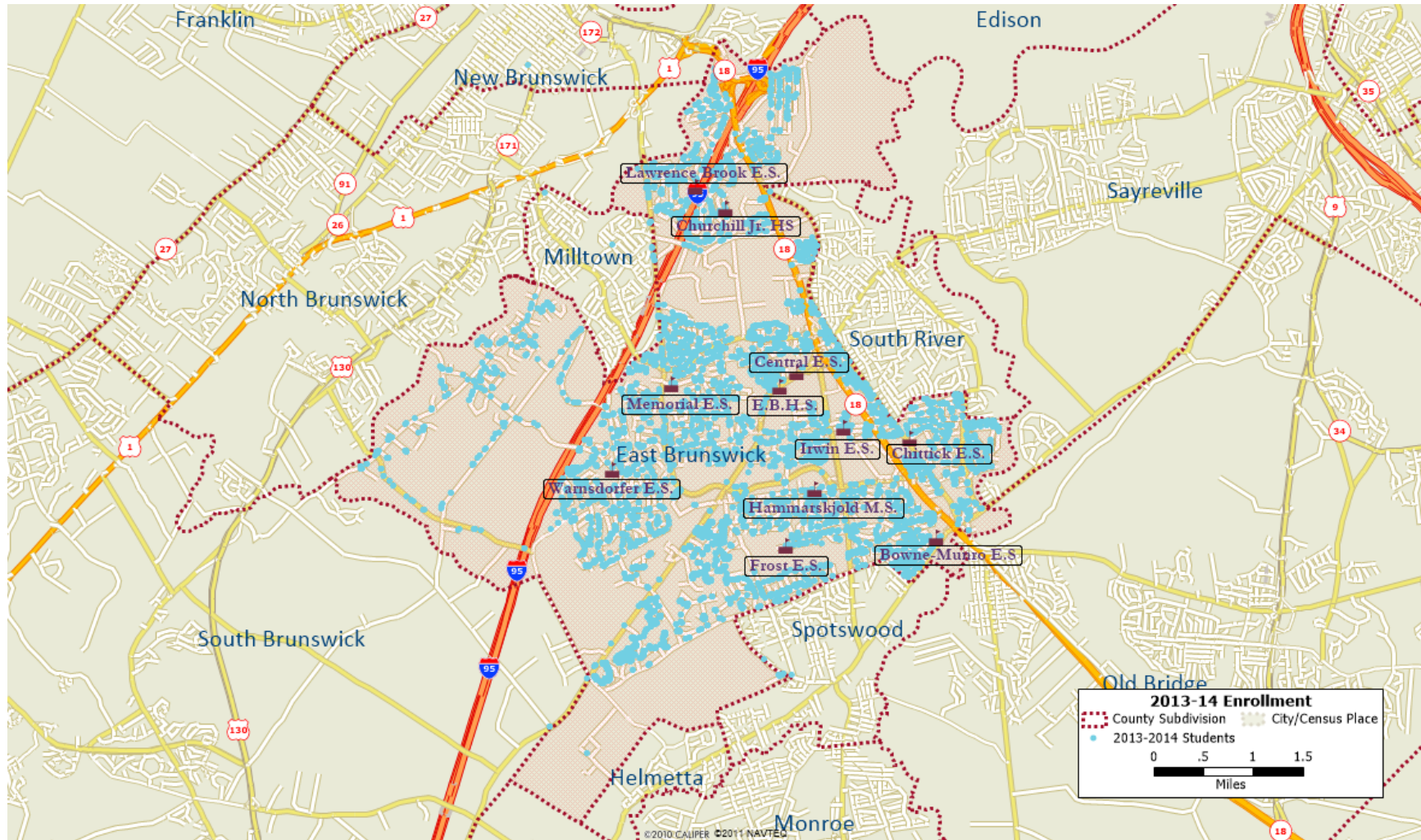
To see which sections of East Brunswick have the most children per housing unit (student yield), the number of children per census tract was divided by the number of housing units in each census tract for both 2008-09 and 2013-14 as shown in Figures 26 and 27. In 2013-14, student yields were greatest in the southeast section of East Brunswick, corresponding predominantly to the Frost attendance area. In comparing the two figures over time, yields have decreased in the Bowne-Munro, Chittick, and Warnsdorfer elementary attendance areas.

**Figure 18**  
**East Brunswick Public Schools – PK-12 Students in 2008-09**



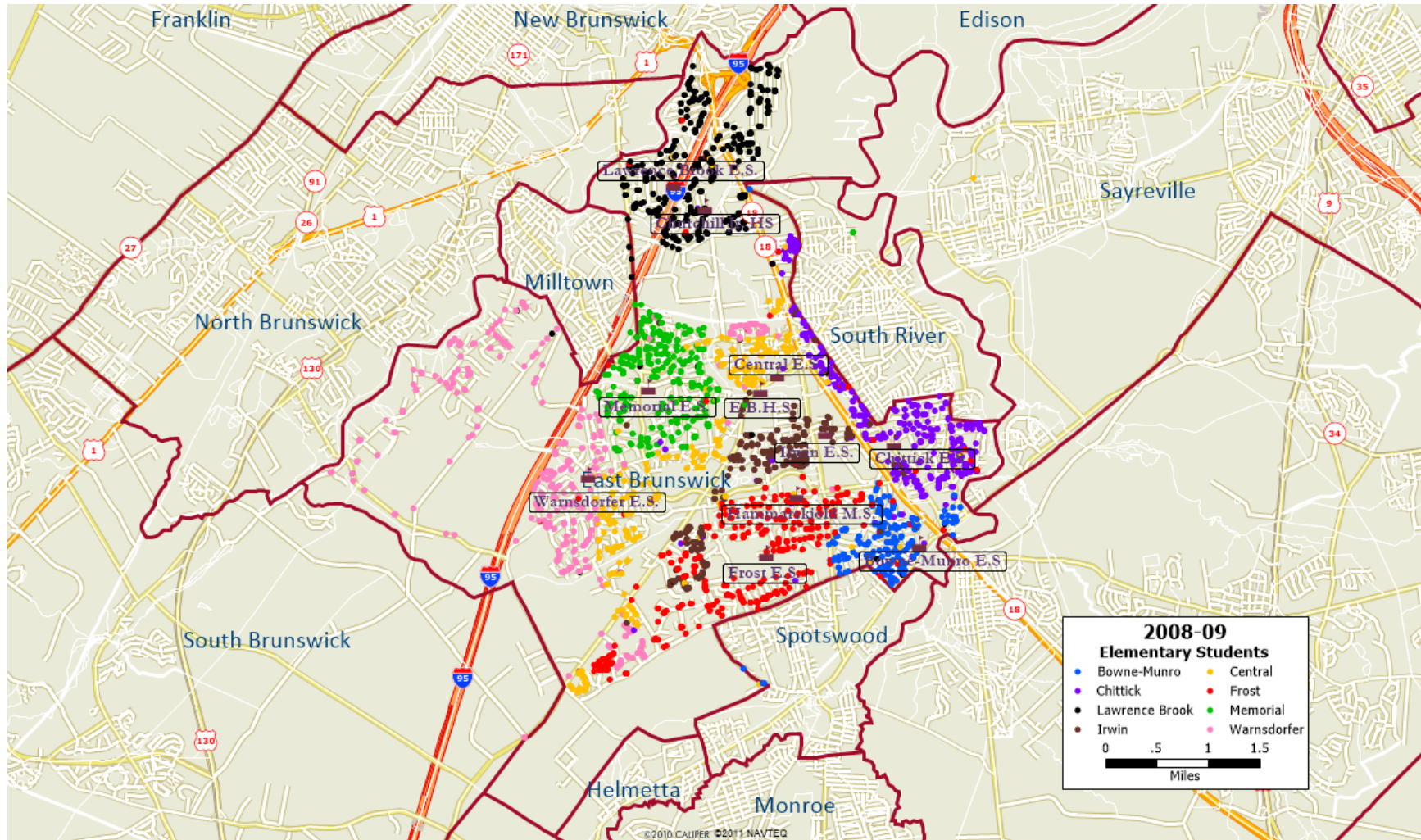


**Figure 19**  
**East Brunswick Public Schools – PK-12 Students in 2013-14**



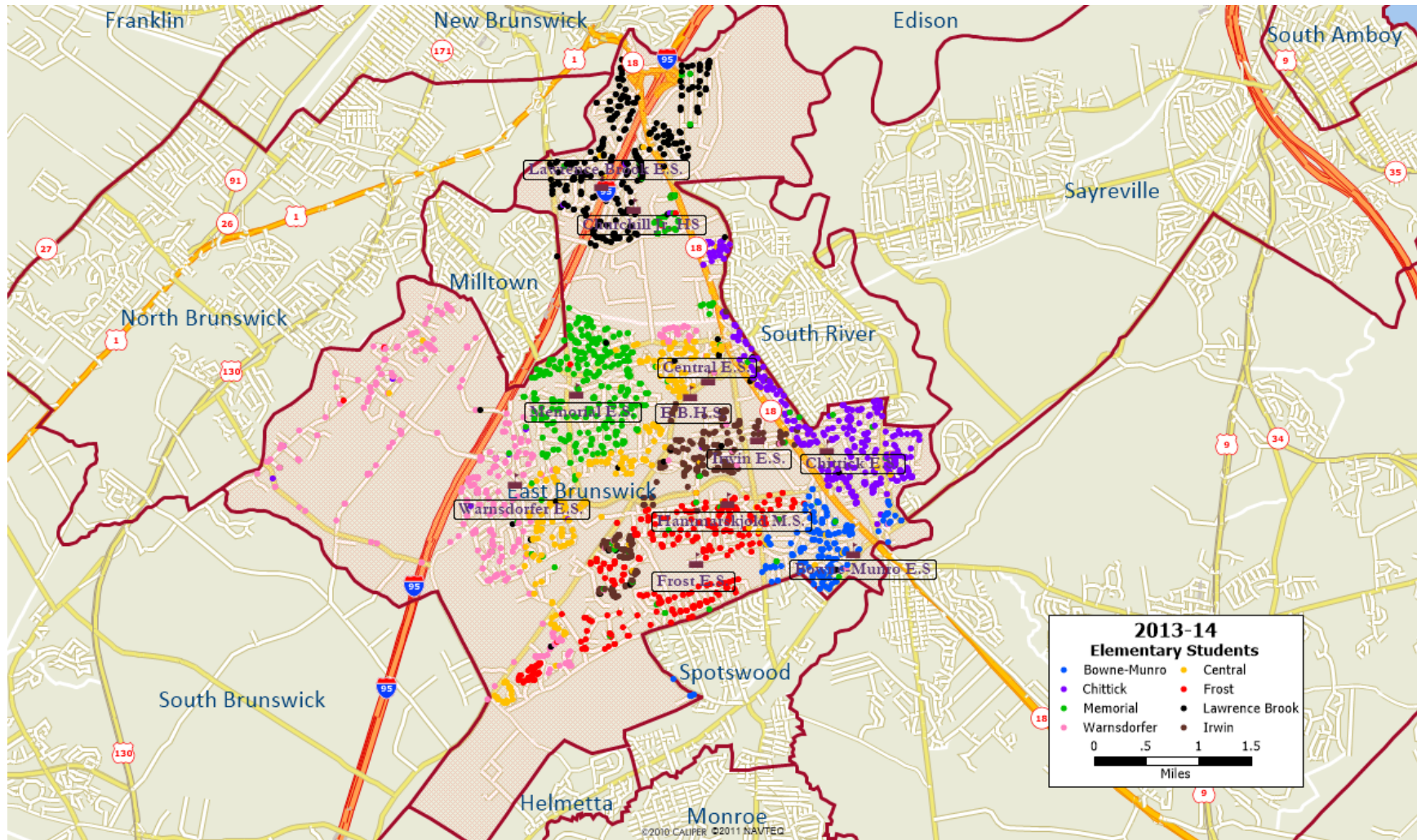


**Figure 20**  
**East Brunswick Public Schools – Elementary Students in 2008-09**



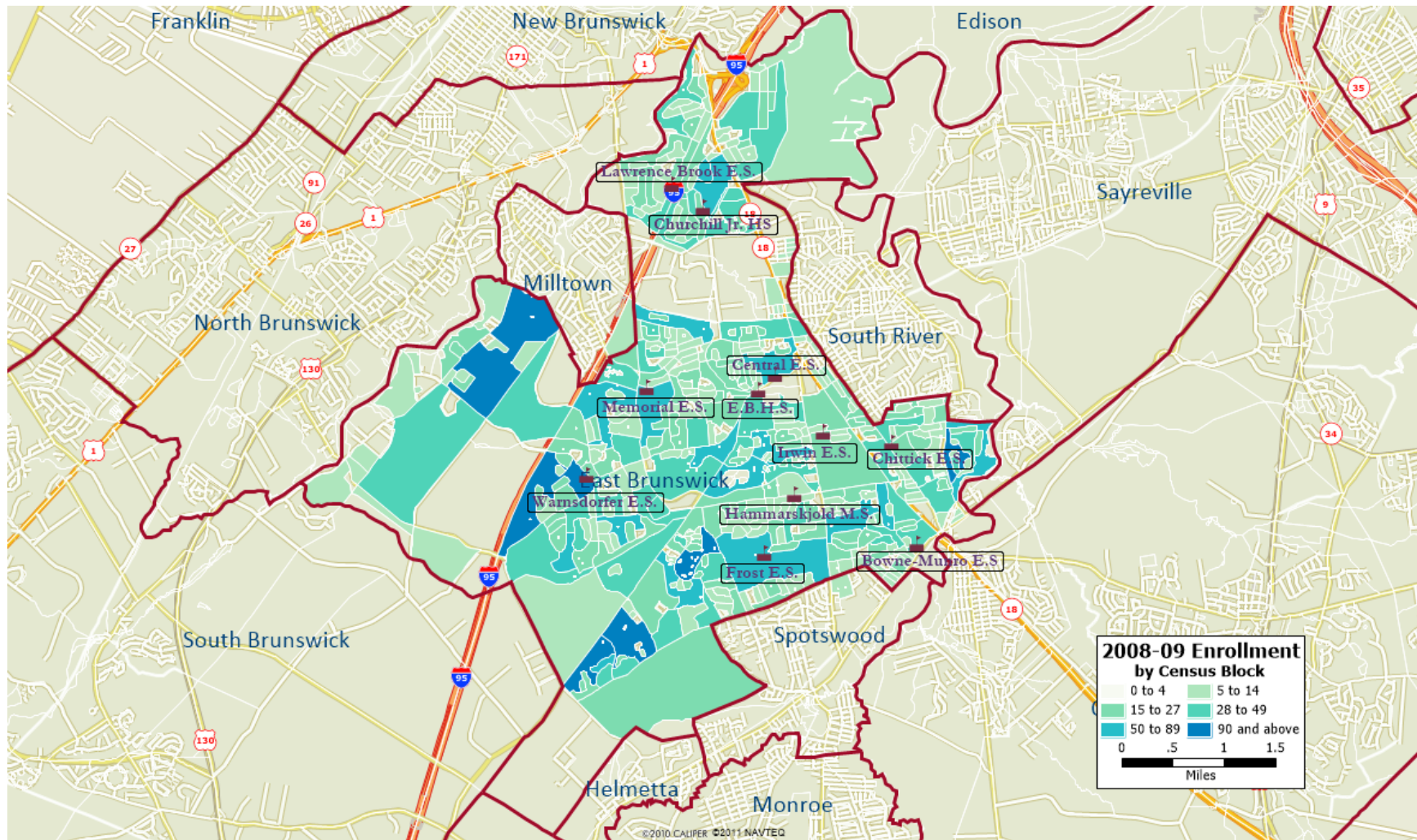


**Figure 21**  
**East Brunswick Public Schools – Elementary Students in 2013-14**

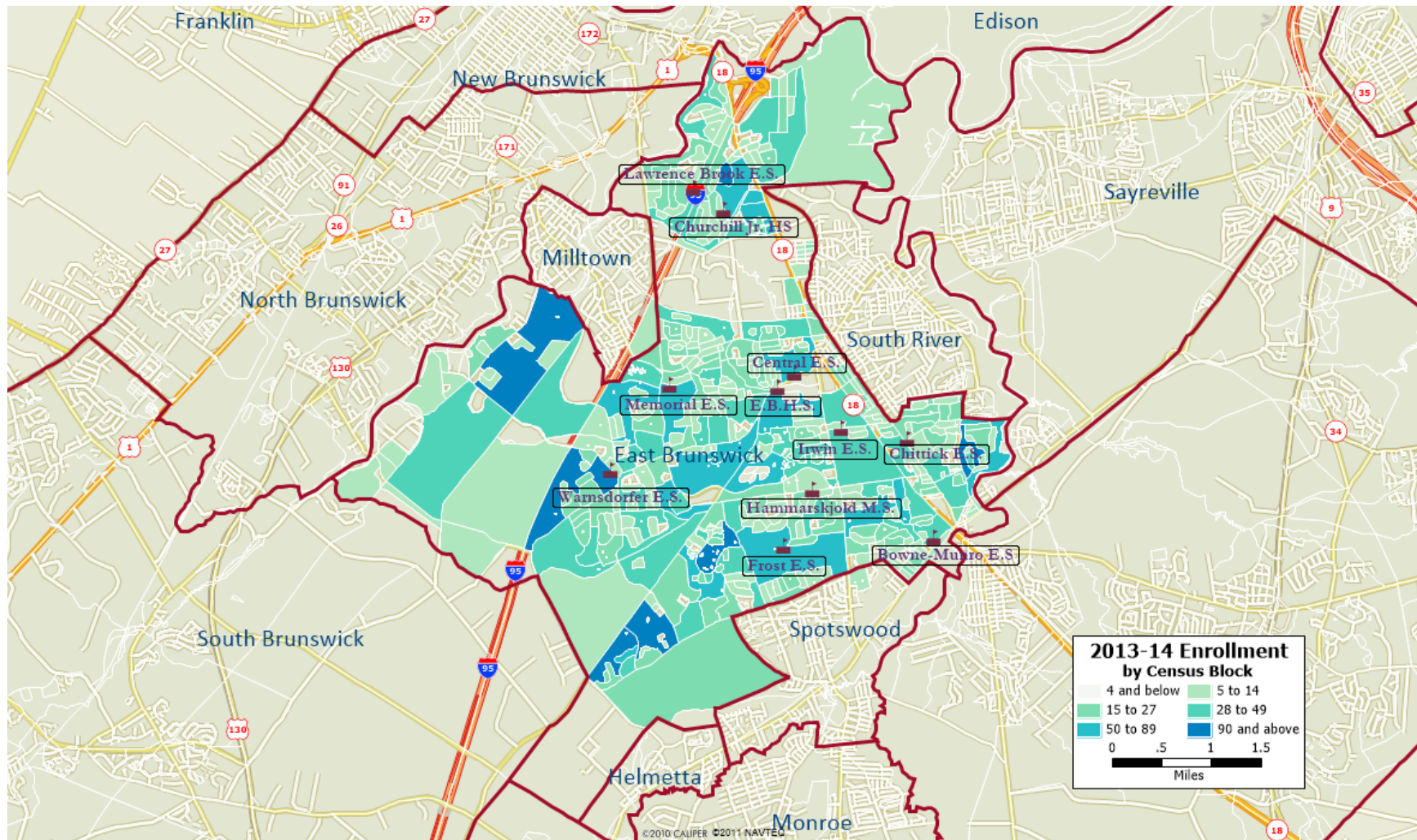




**Figure 22**  
**East Brunswick Public Schools PK-12 Students**  
**by Census Block in 2008-09**

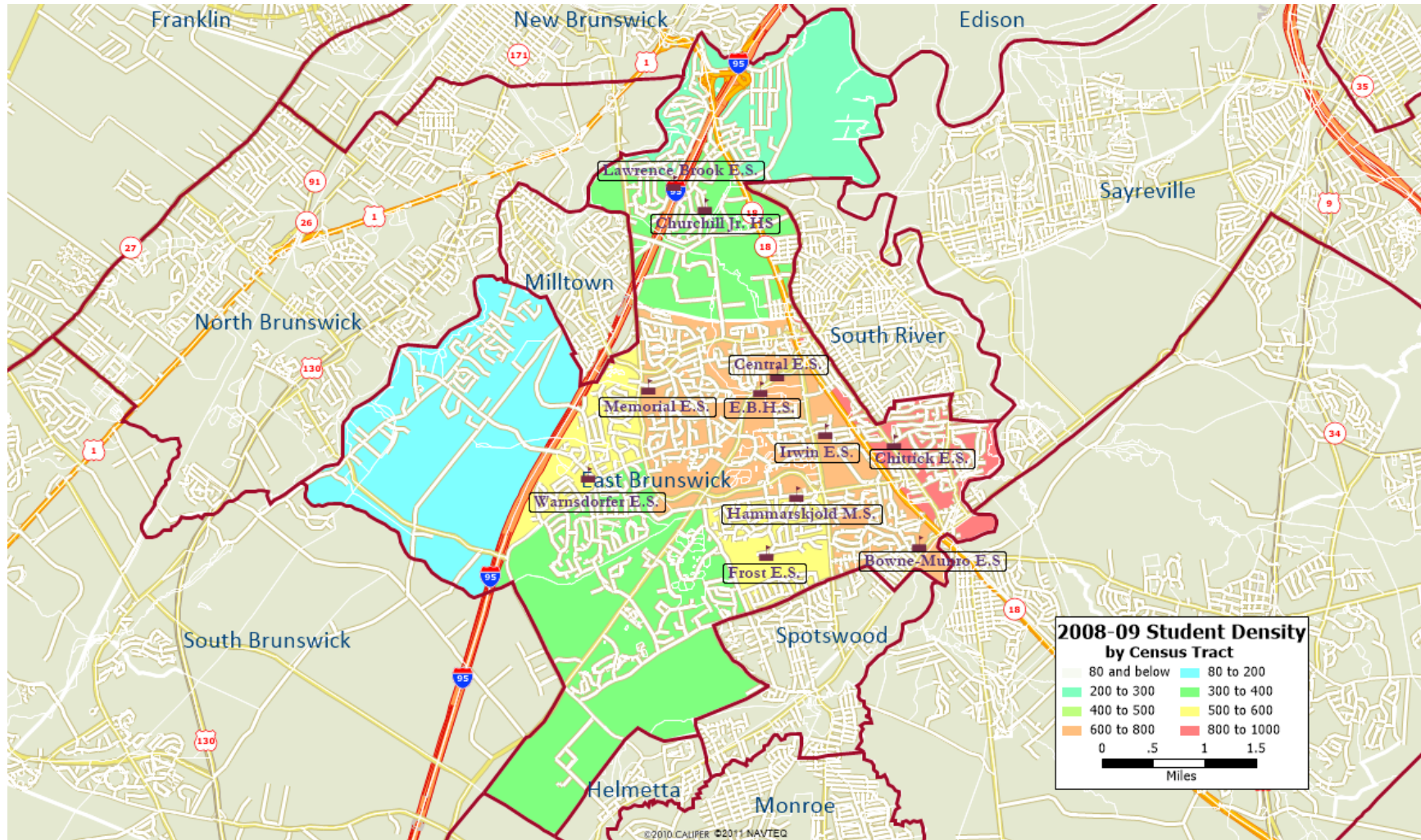


**Figure 23**  
**East Brunswick Public Schools PK-12 Students**  
**by Census Block in 2013-14**

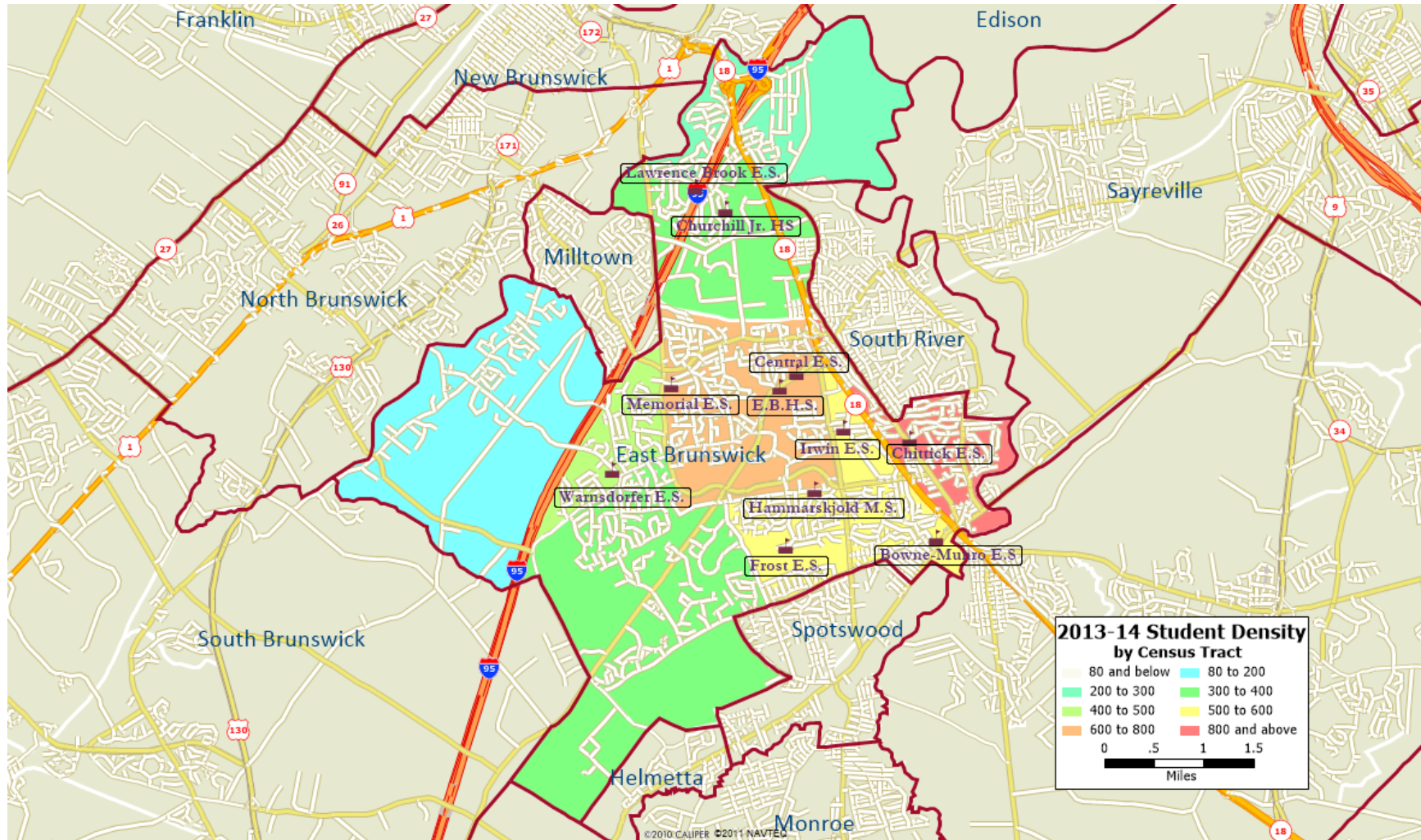




**Figure 24**  
**East Brunswick Student Density by Census Tract in 2008-09**

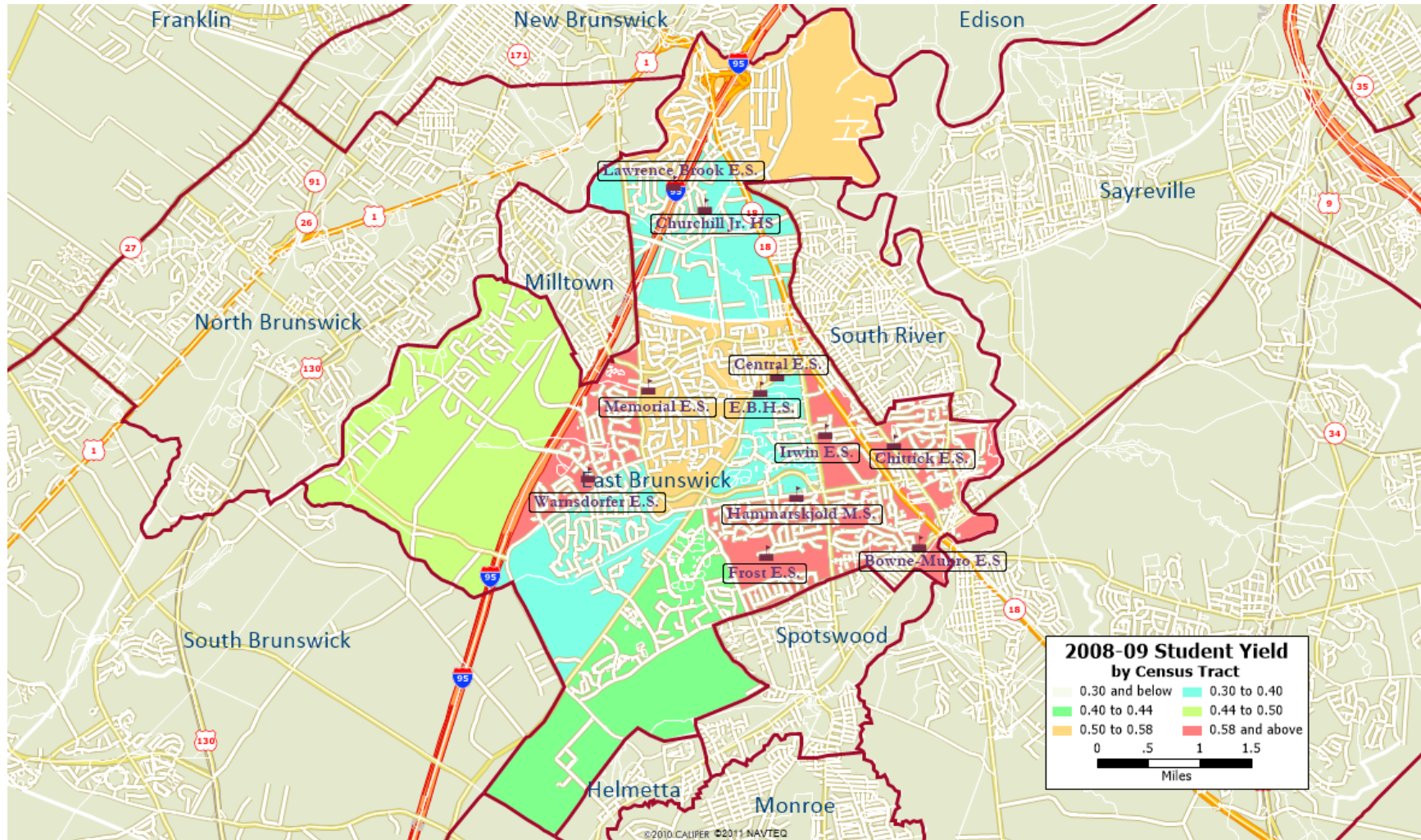


**Figure 25**  
**East Brunswick Student Density by Census Tract in 2013-14**

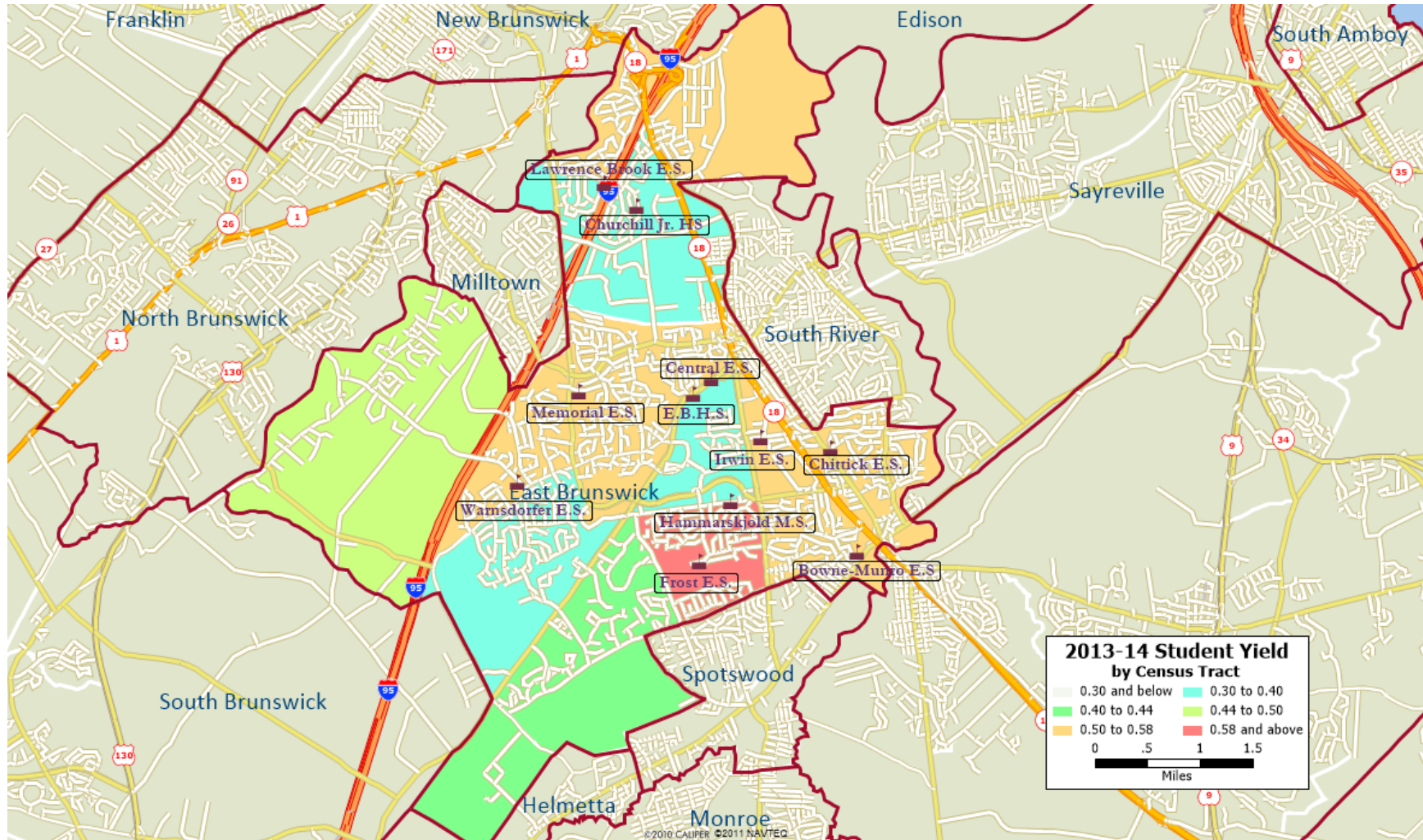




**Figure 26**  
**East Brunswick Student Yield by Census Tract in 2008-09**



**Figure 27**  
**East Brunswick Student Yield by Census Tract in 2013-14**





## Housing Turnover Analysis

Using historical housing turnover rates by length of ownership in East Brunswick along with current student yields by length of ownership, the number of PK-12 students were projected from 2014-2023. To accomplish this task, 15,873 East Brunswick housing units designated as Class 2 properties (1- to 4-family homes) were analyzed. Residences such as apartments were excluded since the length of time a tenant occupies a residence cannot be determined. Farms were also excluded from this investigation. To complete this analysis, three inputs were needed:

1. Housing turnover rates by length of ownership
2. Current distribution of homes by length of ownership; and
3. Student yields by length of ownership

### *Turnover Rates*

To compute turnover rates, parcel-level data were obtained from the Monmouth County Tax Board database, which possesses tax records for all counties and municipalities in the state. The parcel-level data includes the year the home was built, the most recent sale dates, and the sale prices. The earliest sale date recorded in the database was 1973 and the latest was in 2014, providing 41 years of historical sale data.

Each cohort of homes was followed to see when it was sold next to compute the housing turnover rate by length of ownership. As an example, we will assume a house was built in 1960 and its three most recent sale dates in the database were 1992, 1995, and 1999. We cannot assume that the first length of ownership is 32 years since the house may have been sold prior to 1973, the earliest year sales were recorded. The first length of ownership is three years (1992 to 1995) whereby the home then becomes part of the 1995 cohort. After being sold four years later in 1999, the house becomes part of the 1999 cohort. Each time a home is sold, it becomes part of a different cohort of homes. In this example, the house was in three separate cohorts. Turnover rates were then computed by dividing the number of homes sold at a particular length of ownership by the total number of homes in the cohort. For instance, in East Brunswick's 1985 cohort, 17 homes sold in the first year of ownership out of 844 homes, resulting in a turnover rate of 2.0%. Six homes were sold in the second year of ownership, resulting in a turnover rate of 0.7%. Turnover rates by length of ownership were computed and capped at 19 years for this cohort, since 2014 is the most recent year that sales data were available. Since the oldest sales data were from 1973, computing turnover rates was possible on long-held homes, with lengths of ownership of up to 41 years.

In short, for each year from 1973 to 2014, there is a distribution of turnover rates by length of ownership. Obviously, there is not much information for homes with recent sale dates, such as 2010, since these homes may not have been sold again or would only have turnover rates by length of ownership of up to four years.

Turnover rates by length of ownership also vary according to the housing market. For instance, when the housing market was very strong in the mid-2000s, the turnover rate for the first year of ownership was approximately 4% as sellers tried to maximize their housing profits

or “move up” into a bigger home. However, in the period following the housing market crash of 2008, the housing turnover rate for the first year of ownership has typically been lower.

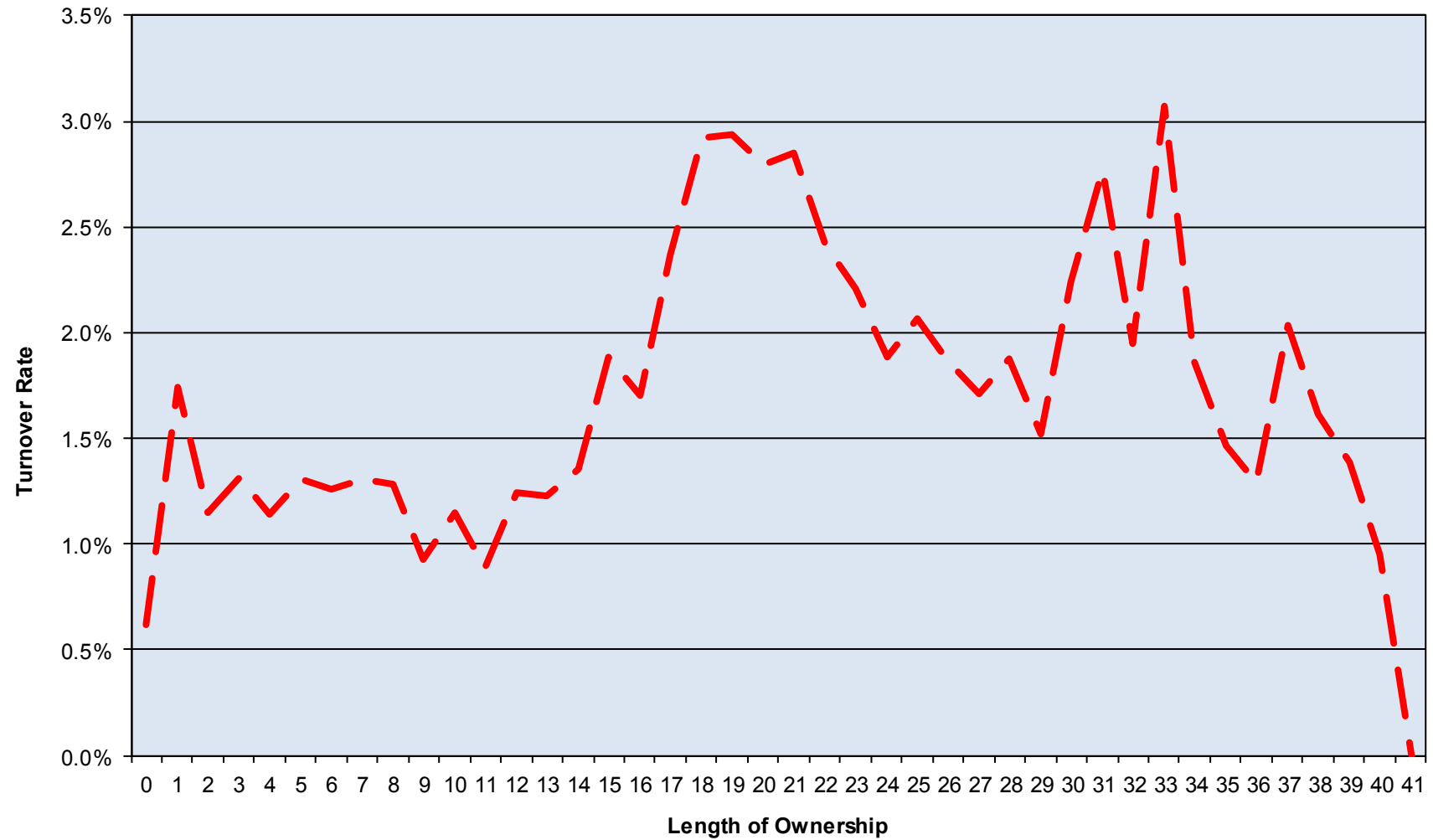
Figure 28 shows the distribution of turnover rates by length of ownership in East Brunswick from 1973-2000 using a 3-year moving average to smooth out unusual year-to-year variations in the turnover rates. Although data were collected from 1973-2014, turnover rates for homes sold after 2000 are not shown, as they would only have maximum lengths of ownership of 14 years or less. While there is still a lot of variation even after using the three-year moving average, the figure shows that turnover rates dramatically rise at approximately 15-22 years of ownership, which may coincide with the graduation of children from the district. There also appears to be a spike in the turnover rate at approximately 30 years of ownership, which represents long-held homes and likely senior citizens downsizing or retiring to another location.

In Figure 29 following, weighted-average turnover rates by length of ownership are shown, which combines length of ownership data from all 41 years of historical data. This data takes into account all housing market cycles, both when the housing market was very strong, such as the early-mid 2000s, and when it was weak, such as the last four or five years. As the figure shows, turnover rates are greatest at approximately 15-22 years of ownership and also at approximately 30-33 years of ownership. Turnover rates are lowest for longer lengths of ownership. As length of ownership exceeded 37 years, turnover rates were less than 2.0%. It seems likely that at lengths of ownership greater than 41 years, the turnover rate would eventually increase as older homeowners retire to a different location, live in an assisted-living facility, or die. However, without having sales data prior to 1973, it is impossible to know.





**Figure 29**  
**Historical Weighted-Average Turnover Rates by Length of Ownership**  
**East Brunswick Township**

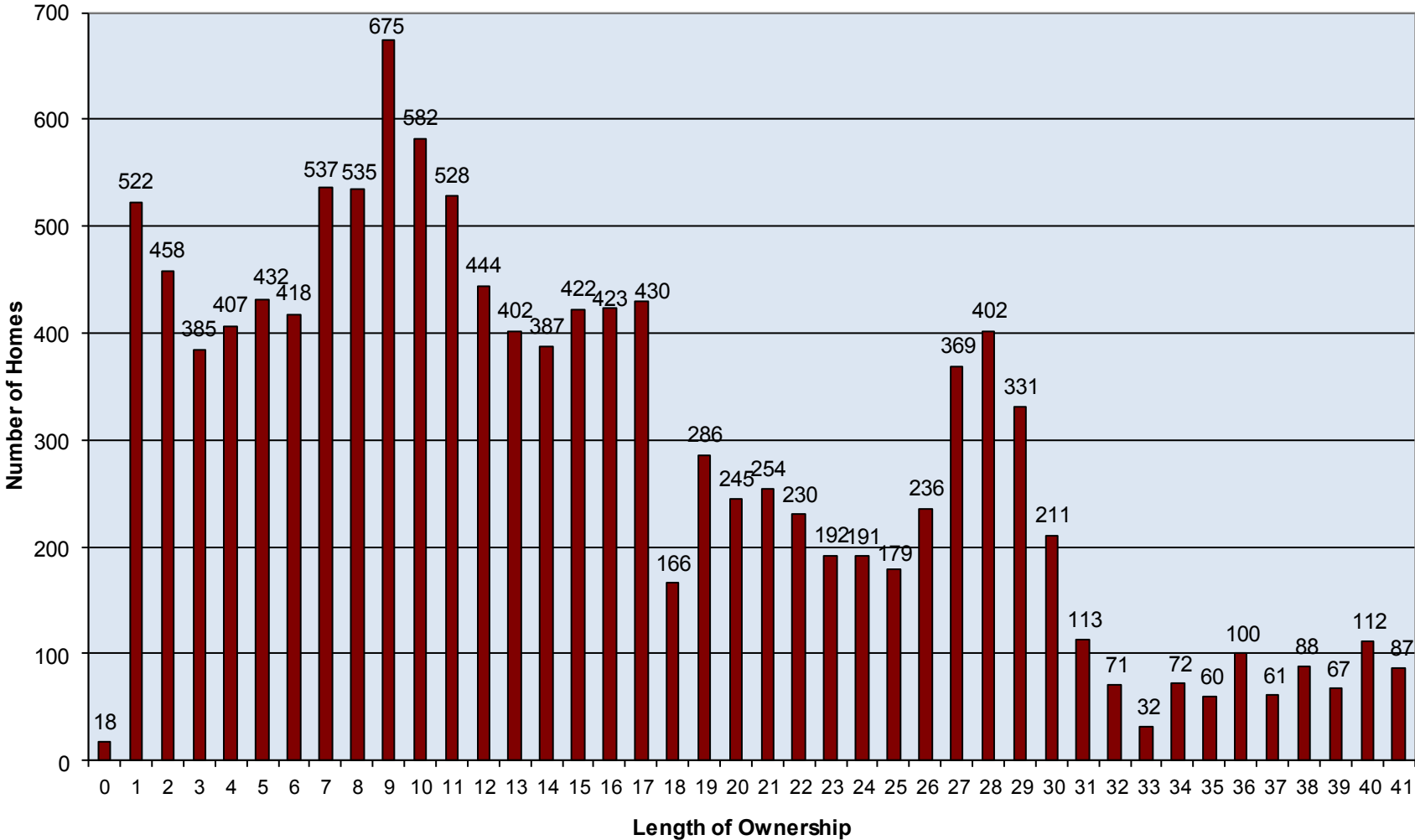


### *Current Distribution of Homes by Length of Ownership*

The second input variable, current length of ownership, was computed by simply subtracting the most recent sale date from 2014. Determining the most recent sale date was not always obvious. Some of the most recent sale dates had a sales price of \$1 or \$100. These “paper sales” were coded in the Monmouth County Tax Board database as a non-usable deed transaction. These transactions include sales between members of the immediate family, resulting in a change in title but often not a change of the occupant. In these instances, this data were excluded from the analysis and the next most recent sale date was used instead.

Figure 30 shows the current length of ownership distribution for Class 2 housing units in East Brunswick. Since many homes did not have a sales date, they have been owned 41 or more years, as the oldest sales data were from 1973. In general, the number of homes steadily increases through nine years of ownership before declining through 14 years of ownership. After 14 years of ownership, the number of homes at each ownership length is fairly stable before declining at 18 years of ownership. From 19-26 years of ownership, the number of homes is quite stable. After increasing in number at 27 and 28 years of ownership, the number of homes begins to sharply decline. A total of 3,713 homes (23.4%) have never been sold, and therefore have been owned 42 or more years, which is a relatively large percentage of the housing population. This is not shown in the figure, as it would skew the end of the distribution.

**Figure 30**  
**Current Number of Homes by Length of Ownership in East Brunswick Township**



### *Student Yields by Length of Ownership*

The third variable, student yields by length of ownership, was determined by linking the parcel-level property database with 2013-14 student address data, which was provided by the school district. Table 36 shows the student yields by length of ownership for the PK-12 student population. It is expected that longer-held homes will have fewer children, as they would have graduated from the district. In 2013-14, there were 8,250.5 students attending the East Brunswick Township Public Schools according to the district's database. Of this number, 7,556 children (91.6%) resided in Class 2 housing units. The majority of the remaining 694.5 children lived in apartments. These children were excluded from the analysis.

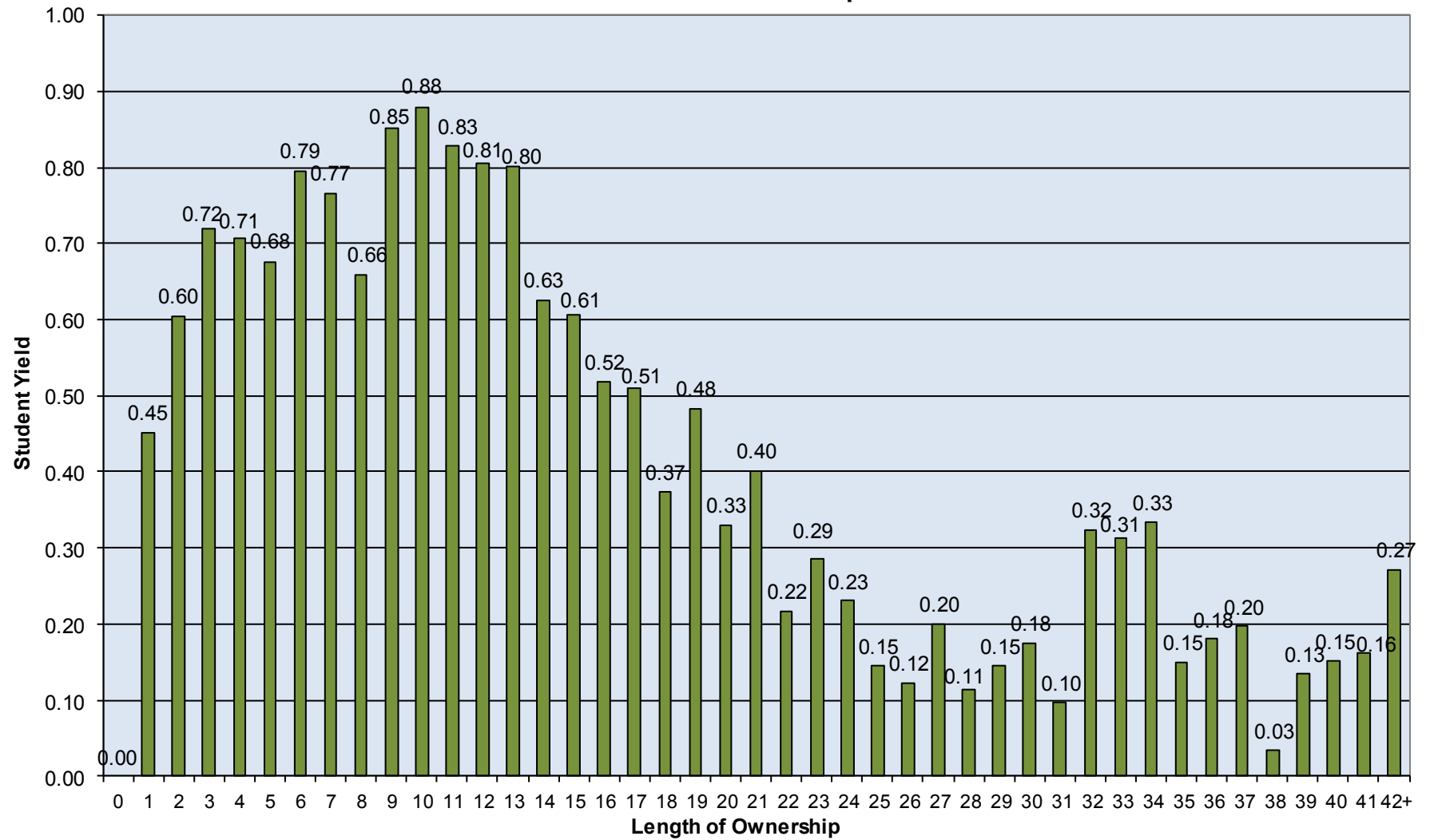
Figure 31 shows that, in general, student yields slowly increase with length of ownership, peaking at 0.88 children per housing unit with 10 years of ownership. Student yields then gradually decline through 26 years of ownership. Student yields are quite small for homes with 26-31 years of ownership, ranging from 0.10-0.20 children per home. While student yields are higher at 32-34 years of ownership, it is somewhat misleading since there are not many homes at those lengths of ownership and yields can rise (or fall) quite significantly with the addition (or subtraction) of just a few students. After 35 years of ownership, yields are quite small and are similar to the yields of long-held homes with 26-31 years of ownership.

It should be noted that student yields by length of ownership may change over time. The distribution shown represents the student yields based on the 2013-14 enrollment data. The student yield distribution can be affected by a number of factors, such as an inward migration of students due to a school district's excellent reputation, or perhaps a change in the age structure of the community where there may be more or less children as a percentage of the population.

**Table 36**  
**Student Yields by Current Length of Ownership**

| <b>Years of Ownership</b> | <b>Number of Students in 2013-14</b> | <b>Student Yield</b> |
|---------------------------|--------------------------------------|----------------------|
| <b>0</b>                  | 0                                    | 0.00                 |
| <b>1</b>                  | 236                                  | 0.45                 |
| <b>2</b>                  | 277                                  | 0.60                 |
| <b>3</b>                  | 277                                  | 0.72                 |
| <b>4</b>                  | 288                                  | 0.71                 |
| <b>5</b>                  | 292                                  | 0.68                 |
| <b>6</b>                  | 332                                  | 0.79                 |
| <b>7</b>                  | 411                                  | 0.77                 |
| <b>8</b>                  | 352                                  | 0.66                 |
| <b>9</b>                  | 575                                  | 0.85                 |
| <b>10</b>                 | 512                                  | 0.88                 |
| <b>11</b>                 | 437                                  | 0.83                 |
| <b>12</b>                 | 358                                  | 0.81                 |
| <b>13</b>                 | 322                                  | 0.80                 |
| <b>14</b>                 | 242                                  | 0.63                 |
| <b>15</b>                 | 256                                  | 0.61                 |
| <b>16</b>                 | 219                                  | 0.52                 |
| <b>17</b>                 | 219                                  | 0.51                 |
| <b>18</b>                 | 62                                   | 0.37                 |
| <b>19</b>                 | 138                                  | 0.48                 |
| <b>20</b>                 | 81                                   | 0.33                 |
| <b>21</b>                 | 102                                  | 0.40                 |
| <b>22</b>                 | 50                                   | 0.22                 |
| <b>23</b>                 | 55                                   | 0.29                 |
| <b>24</b>                 | 44                                   | 0.23                 |
| <b>25</b>                 | 26                                   | 0.15                 |
| <b>26</b>                 | 29                                   | 0.12                 |
| <b>27</b>                 | 74                                   | 0.20                 |
| <b>28</b>                 | 46                                   | 0.11                 |
| <b>29</b>                 | 48                                   | 0.15                 |
| <b>30</b>                 | 37                                   | 0.18                 |
| <b>31</b>                 | 11                                   | 0.10                 |
| <b>32</b>                 | 23                                   | 0.32                 |
| <b>33</b>                 | 10                                   | 0.31                 |
| <b>34</b>                 | 24                                   | 0.33                 |
| <b>35</b>                 | 9                                    | 0.15                 |
| <b>36</b>                 | 18                                   | 0.18                 |
| <b>37</b>                 | 12                                   | 0.20                 |
| <b>38</b>                 | 3                                    | 0.03                 |
| <b>39</b>                 | 9                                    | 0.13                 |
| <b>40</b>                 | 17                                   | 0.15                 |
| <b>41</b>                 | 14                                   | 0.16                 |
| <b>42+</b>                | 1009                                 | 0.27                 |

**Figure 31**  
**Student Yield by Length of Ownership**  
**East Brunswick Township**



## Enrollment Projections Based on Housing Turnover

Projecting enrollment based on housing turnover is a process very similar to the Cohort-Survival Ratio (“CSR”) method, which is often used by demographers to project future student enrollment. In that method, enrollments are projected based on historical “survival” ratios of students from one grade to the next. As explained earlier in the report, those survival ratios are used to advance the current number of students into future grades. In the housing turnover method<sup>3</sup>, instead of students, the current length of home ownership distribution and historical turnover rates are used to project the future number of homes by either advancing homes to one more year of ownership, or if they are sold, returning them to zero years of ownership. For example, if there are 100 homes with 8 years of ownership and the historical turnover rate for this length of ownership is 3%, 97 homes will gain another year of ownership while three homes will be sold and will have zero years of ownership in the next year. In the forthcoming section, this process of aging homes based on historical turnover rates was completed for a ten-year period.

Table 37 shows the process in greater detail for a more comprehensive understanding. The East Brunswick historical weighted average turnover rates by length of ownership are shown along with the current (2013) length of ownership distribution. The projected number of turnovers is computed (Column D) by multiplying the turnover rate at a length of ownership (Column B) by the number of homes at that same length of ownership (Column C). The number of homes that “survive” to be one year older is shown in Column E. Column F is identical to Column E except that the projected total number of homes sold in 2014, 250 from Column D, becomes the number of homes with zero years of ownership in the following year.

Table 38 following shows the projected number of homes by length of ownership in East Brunswick for 2014-2023 using the method described above. This assumes that the turnover rates presented in the table will continue into the future. For homes with 40 or more years of ownership, it was estimated that the turnover rate would be 1.5%, which is the average turnover rate for homes with 34-39 years of ownership.

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<sup>3</sup>The rationale behind this method was taken from *An Alternate K-12 Enrollment Forecast Method for Older Neighborhoods* by Shelley Lapkoff Ph.D. of Lapkoff and Gobalet Demographic Research, Inc.



**Table 37**  
**Sample of Process in Forecasting Length of Ownership**

| A                  | B                 | C                                                        | D                                 | E                                                                              | F                                                        |
|--------------------|-------------------|----------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------|
| Years of Ownership | Turnover Rate     | Current Number of Homes by Length of Ownership In Year Y | Turnovers During Year Y (D = B*C) | Unsold Homes During Year Y Homes Now Have One More Year of Ownership (E = C-D) | Forecasted Length of Ownership Distribution (Year Y + 1) |
| 0                  | 1.7%              | 522 <sup>2</sup>                                         | 9                                 |                                                                                | 250                                                      |
| 1                  | 1.2%              | 458                                                      | 5                                 | 513                                                                            | 513                                                      |
| 2                  | 1.3%              | 385                                                      | 5                                 | 453                                                                            | 453                                                      |
| 3                  | 1.1%              | 407                                                      | 5                                 | 380                                                                            | 380                                                      |
| 4                  | 1.3%              | 432                                                      | 6                                 | 402                                                                            | 402                                                      |
| 5                  | 1.3%              | 418                                                      | 5                                 | 426                                                                            | 426                                                      |
| 6                  | 1.3%              | 537                                                      | 7                                 | 413                                                                            | 413                                                      |
| 7                  | 1.3%              | 535                                                      | 7                                 | 530                                                                            | 530                                                      |
| 8                  | 0.9%              | 675                                                      | 6                                 | 528                                                                            | 528                                                      |
| 9                  | 1.1%              | 582                                                      | 7                                 | 669                                                                            | 669                                                      |
| 10                 | 0.9%              | 528                                                      | 5                                 | 575                                                                            | 575                                                      |
| 11                 | 1.2%              | 444                                                      | 6                                 | 523                                                                            | 523                                                      |
| 12                 | 1.2%              | 402                                                      | 5                                 | 438                                                                            | 438                                                      |
| 13                 | 1.4%              | 387                                                      | 5                                 | 397                                                                            | 397                                                      |
| 14                 | 1.9%              | 422                                                      | 8                                 | 382                                                                            | 382                                                      |
| 15                 | 1.7%              | 423                                                      | 7                                 | 414                                                                            | 414                                                      |
| 16                 | 2.4%              | 430                                                      | 10                                | 416                                                                            | 416                                                      |
| 17                 | 2.9%              | 166                                                      | 5                                 | 420                                                                            | 420                                                      |
| 18                 | 2.9%              | 286                                                      | 8                                 | 161                                                                            | 161                                                      |
| 19                 | 2.8%              | 245                                                      | 7                                 | 278                                                                            | 278                                                      |
| 20                 | 2.8%              | 254                                                      | 7                                 | 238                                                                            | 238                                                      |
| 21                 | 2.4%              | 230                                                      | 6                                 | 247                                                                            | 247                                                      |
| 22                 | 2.2%              | 192                                                      | 4                                 | 224                                                                            | 224                                                      |
| 23                 | 1.9%              | 191                                                      | 4                                 | 188                                                                            | 188                                                      |
| 24                 | 2.1%              | 179                                                      | 4                                 | 187                                                                            | 187                                                      |
| 25                 | 1.9%              | 236                                                      | 4                                 | 175                                                                            | 175                                                      |
| 26                 | 1.7%              | 369                                                      | 6                                 | 232                                                                            | 232                                                      |
| 27                 | 1.9%              | 402                                                      | 8                                 | 363                                                                            | 363                                                      |
| 28                 | 1.5%              | 331                                                      | 5                                 | 394                                                                            | 394                                                      |
| 29                 | 2.2%              | 211                                                      | 5                                 | 326                                                                            | 326                                                      |
| 30                 | 2.8%              | 113                                                      | 3                                 | 206                                                                            | 206                                                      |
| 31                 | 1.9%              | 71                                                       | 1                                 | 110                                                                            | 110                                                      |
| 32                 | 3.1%              | 32                                                       | 1                                 | 70                                                                             | 70                                                       |
| 33                 | 1.9%              | 72                                                       | 1                                 | 31                                                                             | 31                                                       |
| 34                 | 1.5%              | 60                                                       | 1                                 | 71                                                                             | 71                                                       |
| 35                 | 1.3%              | 100                                                      | 1                                 | 59                                                                             | 59                                                       |
| 36                 | 2.0%              | 61                                                       | 1                                 | 99                                                                             | 99                                                       |
| 37                 | 1.6%              | 88                                                       | 1                                 | 60                                                                             | 60                                                       |
| 38                 | 1.4%              | 67                                                       | 1                                 | 87                                                                             | 87                                                       |
| 39                 | 0.9%              | 112                                                      | 1                                 | 66                                                                             | 66                                                       |
| 40                 | 1.5% <sup>1</sup> | 87                                                       | 1                                 | 111                                                                            | 111                                                      |
| 41 and up          | 1.5% <sup>1</sup> | 3713                                                     | 56                                | 3743                                                                           | 3743                                                     |
| <b>Total</b>       |                   | <b>15,855</b>                                            | <b>250</b>                        |                                                                                |                                                          |

**Notes:** <sup>1</sup>Estimated by using the average of last five years due to limited sales data at these lengths of ownership

<sup>2</sup>Homes with zero years of ownership from Figure 30 was not used since 2014 sales data is incomplete. For this reason, all data was moved up one year.

**Table 38**  
**Projected Number of Homes in East Brunswick by Length of Ownership from 2014-2023**

| <b>Years of Ownership</b> | <b>Turnover Rate</b> | <b>2013 (Actual)</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>2022</b> | <b>2023</b> |
|---------------------------|----------------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>0</b>                  | 1.7%                 | 522                  | 250         | 260         | 260         | 266         | 273         | 271         | 273         | 275         | 276         | 275         |
| <b>1</b>                  | 1.2%                 | 458                  | 513         | 246         | 255         | 255         | 261         | 268         | 266         | 268         | 270         | 271         |
| <b>2</b>                  | 1.3%                 | 385                  | 453         | 507         | 243         | 252         | 252         | 258         | 265         | 263         | 265         | 267         |
| <b>3</b>                  | 1.1%                 | 407                  | 380         | 447         | 500         | 240         | 249         | 249         | 255         | 262         | 260         | 262         |
| <b>4</b>                  | 1.3%                 | 432                  | 402         | 376         | 442         | 494         | 237         | 246         | 246         | 252         | 259         | 257         |
| <b>5</b>                  | 1.3%                 | 418                  | 426         | 397         | 371         | 436         | 488         | 234         | 243         | 243         | 249         | 256         |
| <b>6</b>                  | 1.3%                 | 537                  | 413         | 421         | 392         | 366         | 431         | 482         | 231         | 240         | 240         | 246         |
| <b>7</b>                  | 1.3%                 | 535                  | 530         | 408         | 415         | 387         | 361         | 425         | 476         | 228         | 237         | 237         |
| <b>8</b>                  | 0.9%                 | 675                  | 528         | 523         | 403         | 410         | 382         | 356         | 420         | 470         | 225         | 234         |
| <b>9</b>                  | 1.1%                 | 582                  | 669         | 523         | 518         | 399         | 406         | 378         | 353         | 416         | 466         | 223         |
| <b>10</b>                 | 0.9%                 | 528                  | 575         | 661         | 517         | 512         | 394         | 401         | 374         | 349         | 411         | 461         |
| <b>11</b>                 | 1.2%                 | 444                  | 523         | 570         | 655         | 512         | 507         | 390         | 397         | 371         | 346         | 407         |
| <b>12</b>                 | 1.2%                 | 402                  | 438         | 517         | 563         | 647         | 506         | 501         | 385         | 392         | 366         | 342         |
| <b>13</b>                 | 1.4%                 | 387                  | 397         | 433         | 511         | 556         | 639         | 500         | 495         | 380         | 387         | 362         |
| <b>14</b>                 | 1.9%                 | 422                  | 382         | 392         | 427         | 504         | 548         | 630         | 493         | 488         | 375         | 382         |
| <b>15</b>                 | 1.7%                 | 423                  | 414         | 375         | 385         | 419         | 495         | 538         | 618         | 484         | 479         | 368         |
| <b>16</b>                 | 2.4%                 | 430                  | 416         | 407         | 369         | 378         | 412         | 487         | 529         | 607         | 476         | 471         |
| <b>17</b>                 | 2.9%                 | 166                  | 420         | 406         | 397         | 360         | 369         | 402         | 475         | 516         | 593         | 465         |
| <b>18</b>                 | 2.9%                 | 286                  | 161         | 408         | 394         | 385         | 349         | 358         | 390         | 461         | 501         | 576         |
| <b>19</b>                 | 2.8%                 | 245                  | 278         | 156         | 396         | 382         | 374         | 339         | 347         | 379         | 447         | 486         |
| <b>20</b>                 | 2.8%                 | 254                  | 238         | 270         | 152         | 385         | 371         | 364         | 330         | 337         | 368         | 434         |
| <b>21</b>                 | 2.4%                 | 230                  | 247         | 231         | 262         | 148         | 374         | 360         | 354         | 321         | 327         | 358         |
| <b>22</b>                 | 2.2%                 | 192                  | 224         | 241         | 225         | 256         | 144         | 365         | 351         | 345         | 313         | 319         |
| <b>23</b>                 | 1.9%                 | 191                  | 188         | 219         | 236         | 220         | 250         | 141         | 357         | 343         | 337         | 306         |
| <b>24</b>                 | 2.1%                 | 179                  | 187         | 184         | 215         | 232         | 216         | 245         | 138         | 350         | 337         | 331         |
| <b>25</b>                 | 1.9%                 | 236                  | 175         | 183         | 180         | 211         | 227         | 212         | 240         | 135         | 343         | 330         |
| <b>26</b>                 | 1.7%                 | 369                  | 232         | 172         | 180         | 177         | 207         | 223         | 208         | 236         | 132         | 337         |
| <b>27</b>                 | 1.9%                 | 402                  | 363         | 228         | 169         | 177         | 174         | 203         | 219         | 204         | 232         | 130         |
| <b>28</b>                 | 1.5%                 | 331                  | 394         | 356         | 224         | 166         | 174         | 171         | 199         | 215         | 200         | 228         |
| <b>29</b>                 | 2.2%                 | 211                  | 326         | 388         | 351         | 221         | 163         | 171         | 168         | 196         | 212         | 197         |
| <b>30</b>                 | 2.8%                 | 113                  | 206         | 319         | 379         | 343         | 216         | 159         | 167         | 164         | 192         | 207         |
| <b>31</b>                 | 1.9%                 | 71                   | 110         | 200         | 310         | 368         | 333         | 210         | 155         | 162         | 159         | 187         |
| <b>32</b>                 | 3.1%                 | 32                   | 70          | 108         | 196         | 304         | 361         | 327         | 206         | 152         | 159         | 156         |
| <b>33</b>                 | 1.9%                 | 72                   | 31          | 69          | 105         | 190         | 295         | 350         | 317         | 200         | 147         | 154         |
| <b>34</b>                 | 1.5%                 | 60                   | 71          | 30          | 68          | 103         | 186         | 290         | 343         | 311         | 196         | 144         |
| <b>35</b>                 | 1.3%                 | 100                  | 59          | 69          | 30          | 67          | 101         | 183         | 286         | 338         | 306         | 193         |
| <b>36</b>                 | 2.0%                 | 61                   | 99          | 58          | 68          | 30          | 66          | 100         | 181         | 282         | 334         | 302         |
| <b>37</b>                 | 1.6%                 | 88                   | 60          | 96          | 57          | 67          | 29          | 65          | 98          | 177         | 276         | 327         |
| <b>38</b>                 | 1.4%                 | 67                   | 87          | 59          | 94          | 56          | 66          | 29          | 64          | 96          | 174         | 272         |
| <b>39</b>                 | 0.9%                 | 112                  | 66          | 86          | 58          | 93          | 55          | 65          | 29          | 63          | 95          | 172         |
| <b>40</b>                 | 1.5%                 | 87                   | 111         | 65          | 85          | 57          | 92          | 54          | 64          | 29          | 62          | 94          |
| <b>41 and up</b>          | 1.5%                 | 3713                 | 3743        | 3791        | 3798        | 3824        | 3822        | 3855        | 3850        | 3855        | 3826        | 3829        |

Finally, Table 39 shows the projected number of East Brunswick students by length of ownership from 2014-2023. This was computed by multiplying the projected number of homes by length of ownership with the student yields by length of ownership found in Table 36. After summing the projected number of students at each length of ownership, the result is the total number of students residing in Class 2 housing units in that year. This value is then added to the number of resident students living in apartment units, farms, and/or unknown locations (a constant) to derive the district's total enrollment. The results in Table 39 assume that student yields and turnover rates by length of ownership will remain constant over the ten-year projection period. As previously stated, student yields are likely to change over time, but there is no way of projecting what they might be. Similarly, the model assumes that turnover rates by length of ownership will remain constant over time. Figure 28 clearly showed the variability in the turnover rates with length of ownership. Due to the variability of the turnover rates, two projection models were computed. The first model used turnover rates based on a weighted average from the last 41 years of sales data, which yields the housing distribution in Table 38 and student distribution in Table 39. A second scenario will be forthcoming later in the report.

### *Scenario 1*

If East Brunswick's future turnover rates are similar to those presented in Table 38, enrollment is then likely to decline, as shown in Table 39. According to the district's 2013-14 student database, there are 8,250.5 students in the district. By 2023, enrollment is projected to be 7,042 students, which would be a loss of 1,208.5 students from current enrollment.

However, the purpose of this analysis is not to use the projections for future planning since the CSR method is the most accurate method available. Rather, it is an independent process to see whether future enrollment may be affected by housing turnover and to see whether the projections from the CSR method and those from housing turnover are in agreement in the overall enrollment trend.

**Table 39**  
**Projected Number of East Brunswick Students for 2014-2023**  
**Based on Length of Ownership and Student Yields**

| Years of Ownership                      | Yield | 2013 Actual | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  | 2021  | 2022  | 2023  |
|-----------------------------------------|-------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0                                       | 0.45  | 236         | 113   | 118   | 118   | 120   | 123   | 123   | 123   | 124   | 125   | 124   |
| 1                                       | 0.60  | 277         | 310   | 149   | 154   | 154   | 158   | 162   | 161   | 162   | 163   | 164   |
| 2                                       | 0.72  | 277         | 326   | 365   | 175   | 181   | 181   | 186   | 191   | 189   | 191   | 192   |
| 3                                       | 0.71  | 288         | 269   | 316   | 354   | 170   | 176   | 176   | 180   | 185   | 184   | 185   |
| 4                                       | 0.68  | 292         | 272   | 254   | 299   | 334   | 160   | 166   | 166   | 170   | 175   | 174   |
| 5                                       | 0.79  | 332         | 338   | 315   | 295   | 346   | 388   | 186   | 193   | 193   | 198   | 203   |
| 6                                       | 0.77  | 411         | 316   | 322   | 300   | 280   | 330   | 369   | 177   | 184   | 184   | 188   |
| 7                                       | 0.66  | 352         | 349   | 268   | 273   | 255   | 238   | 280   | 313   | 150   | 156   | 156   |
| 8                                       | 0.85  | 575         | 450   | 446   | 343   | 349   | 325   | 303   | 358   | 400   | 192   | 199   |
| 9                                       | 0.88  | 512         | 589   | 460   | 456   | 351   | 357   | 333   | 311   | 366   | 410   | 196   |
| 10                                      | 0.83  | 437         | 476   | 547   | 428   | 424   | 326   | 332   | 310   | 289   | 340   | 382   |
| 11                                      | 0.81  | 358         | 422   | 460   | 528   | 413   | 409   | 314   | 320   | 299   | 279   | 328   |
| 12                                      | 0.80  | 322         | 351   | 414   | 451   | 518   | 405   | 401   | 308   | 314   | 293   | 274   |
| 13                                      | 0.63  | 242         | 248   | 271   | 320   | 348   | 400   | 313   | 310   | 238   | 242   | 226   |
| 14                                      | 0.61  | 256         | 232   | 238   | 259   | 306   | 332   | 382   | 299   | 296   | 227   | 232   |
| 15                                      | 0.52  | 219         | 214   | 194   | 199   | 217   | 256   | 279   | 320   | 251   | 248   | 191   |
| 16                                      | 0.51  | 219         | 212   | 207   | 188   | 193   | 210   | 248   | 269   | 309   | 242   | 240   |
| 17                                      | 0.37  | 62          | 157   | 152   | 148   | 134   | 138   | 150   | 177   | 193   | 221   | 174   |
| 18                                      | 0.48  | 138         | 78    | 197   | 190   | 186   | 168   | 173   | 188   | 222   | 242   | 278   |
| 19                                      | 0.33  | 81          | 92    | 52    | 131   | 126   | 124   | 112   | 115   | 125   | 148   | 161   |
| 20                                      | 0.40  | 102         | 96    | 108   | 61    | 155   | 149   | 146   | 133   | 135   | 148   | 174   |
| 21                                      | 0.22  | 50          | 54    | 50    | 57    | 32    | 81    | 78    | 77    | 70    | 71    | 78    |
| 22                                      | 0.29  | 55          | 64    | 69    | 64    | 73    | 41    | 105   | 101   | 99    | 90    | 91    |
| 23                                      | 0.23  | 44          | 43    | 50    | 54    | 51    | 58    | 32    | 82    | 79    | 78    | 70    |
| 24                                      | 0.15  | 26          | 27    | 27    | 31    | 34    | 31    | 36    | 20    | 51    | 49    | 48    |
| 25                                      | 0.12  | 29          | 22    | 22    | 22    | 26    | 28    | 26    | 29    | 17    | 42    | 41    |
| 26                                      | 0.20  | 74          | 47    | 34    | 36    | 35    | 42    | 45    | 42    | 47    | 26    | 68    |
| 27                                      | 0.11  | 46          | 42    | 26    | 19    | 20    | 20    | 23    | 25    | 23    | 27    | 15    |
| 28                                      | 0.15  | 48          | 57    | 52    | 32    | 24    | 25    | 25    | 29    | 31    | 29    | 33    |
| 29                                      | 0.18  | 37          | 57    | 68    | 62    | 39    | 29    | 30    | 29    | 34    | 37    | 35    |
| 30                                      | 0.10  | 11          | 20    | 31    | 37    | 33    | 21    | 15    | 16    | 16    | 19    | 20    |
| 31                                      | 0.32  | 23          | 36    | 65    | 100   | 119   | 108   | 68    | 50    | 52    | 52    | 61    |
| 32                                      | 0.31  | 10          | 22    | 34    | 61    | 95    | 113   | 102   | 64    | 48    | 50    | 49    |
| 33                                      | 0.33  | 24          | 10    | 23    | 35    | 63    | 98    | 117   | 106   | 67    | 49    | 51    |
| 34                                      | 0.15  | 9           | 11    | 5     | 10    | 15    | 28    | 44    | 51    | 47    | 29    | 22    |
| 35                                      | 0.18  | 18          | 11    | 12    | 5     | 12    | 18    | 33    | 51    | 61    | 55    | 35    |
| 36                                      | 0.20  | 12          | 19    | 11    | 13    | 6     | 13    | 20    | 36    | 55    | 66    | 59    |
| 37                                      | 0.03  | 3           | 2     | 3     | 2     | 2     | 1     | 2     | 3     | 6     | 9     | 11    |
| 38                                      | 0.13  | 9           | 12    | 8     | 13    | 8     | 9     | 4     | 9     | 13    | 23    | 37    |
| 39                                      | 0.15  | 17          | 10    | 13    | 9     | 14    | 8     | 10    | 4     | 10    | 14    | 26    |
| 40                                      | 0.16  | 14          | 18    | 10    | 14    | 9     | 15    | 9     | 10    | 5     | 10    | 15    |
| 41 and up                               | 0.27  | 1009        | 1017  | 1030  | 1032  | 1039  | 1039  | 1048  | 1046  | 1048  | 1040  | 1041  |
| Total Resident Students                 |       | 7,556       | 7,511 | 7,496 | 7,378 | 7,309 | 7,179 | 7,006 | 6,802 | 6,673 | 6,473 | 6,347 |
| Resident Students from Apts. (constant) |       | 695         | 695   | 695   | 695   | 695   | 695   | 695   | 695   | 695   | 695   | 695   |
| Total                                   |       | 8,251       | 8,206 | 8,191 | 8,073 | 8,004 | 7,874 | 7,701 | 7,497 | 7,368 | 7,168 | 7,042 |

## *Scenario 2*

While it is not possible to modify future student yields without making arbitrary changes, the future turnover rates can be modified by considering the range of the historical turnover rates. One of the key variables affecting future enrollment is the number of long-held homes. As shown in Table 36, student yields are very low for homes with 26 or more years of ownership. The greater the number of long-held homes in a district, the greater the probability that enrollment will decline since yields are low for long-held homes. For enrollment to stabilize in East Brunswick, turnover rates would need to be high for homes with 17 or more years of ownership, to prevent them from advancing into long-held lengths of ownership with low student yields.

In Table 40 following, the maximum historical turnover rate for each year of ownership is presented, along with the weighted average turnover rates used in Scenario 1. In addition, Table 40 shows the turnover rate by year of ownership used in Scenario 2. Following the logic discussed above, the maximum turnover rate was used for lengths of ownership greater than 16 years (shaded purple) to minimize the number of homes having very low student yields and producing few children. The same turnover rate from Scenario 1 was used for homes with lengths of ownership of 0-16 years, which was shaded orange. For enrollment to increase in the district, there needs to be fewer homes with low student yields that occur in homes with lengths of ownership of 17-41 years.

Table 41 following shows the projected number of homes by length of ownership in East Brunswick for 2014-2023 using the new turnover rates as described above. For homes with 41 or more years of ownership, it was estimated that the turnover rate would be 1.5%, which is the same turnover rate used in Scenario 1.

Finally, Table 42 shows the projected number of East Brunswick students by length of ownership from 2014-2023. In this scenario, enrollment is projected to be essentially stable for the first four years before declining the last six years of the projection period. By 2023, enrollment is projected to be 7,801 students, which would be a loss of 449.5 students from the 2013-14 enrollment of 8,250.5 students. The decline in enrollment in Scenario 1 is much larger than that of Scenario 2, which utilized maximum turnover rates in homes with long lengths of ownership. In summarizing the projections from both scenarios, the school district's enrollment is not likely to increase due to housing turnover, holding all other variables constant.

**Table 40**  
**Maximum Turnover Rates in East Brunswick Township by Length of Ownership**

| Years of Ownership | Weighted Average Turnover Rate Used for Scenario 1 | Maximum Turnover Rate | Turnover Rate Used for Scenario 2 |
|--------------------|----------------------------------------------------|-----------------------|-----------------------------------|
| 0                  | 1.7%                                               | 3.3%                  | 1.7%                              |
| 1                  | 1.2%                                               | 4.0%                  | 1.2%                              |
| 2                  | 1.3%                                               | 3.1%                  | 1.3%                              |
| 3                  | 1.1%                                               | 3.7%                  | 1.1%                              |
| 4                  | 1.3%                                               | 4.3%                  | 1.3%                              |
| 5                  | 1.3%                                               | 3.3%                  | 1.3%                              |
| 6                  | 1.3%                                               | 3.9%                  | 1.3%                              |
| 7                  | 1.3%                                               | 4.6%                  | 1.3%                              |
| 8                  | 0.9%                                               | 4.4%                  | 0.9%                              |
| 9                  | 1.1%                                               | 4.4%                  | 1.1%                              |
| 10                 | 0.9%                                               | 3.6%                  | 0.9%                              |
| 11                 | 1.2%                                               | 4.0%                  | 1.2%                              |
| 12                 | 1.2%                                               | 3.3%                  | 1.2%                              |
| 13                 | 1.4%                                               | 2.5%                  | 1.4%                              |
| 14                 | 1.9%                                               | 3.4%                  | 1.9%                              |
| 15                 | 1.7%                                               | 4.7%                  | 1.7%                              |
| 16                 | 2.4%                                               | 3.5%                  | 3.5%                              |
| 17                 | 2.9%                                               | 6.0%                  | 6.0%                              |
| 18                 | 2.9%                                               | 7.2%                  | 7.2%                              |
| 19                 | 2.8%                                               | 6.6%                  | 6.6%                              |
| 20                 | 2.8%                                               | 5.9%                  | 5.9%                              |
| 21                 | 2.4%                                               | 7.7%                  | 7.7%                              |
| 22                 | 2.2%                                               | 5.1%                  | 5.1%                              |
| 23                 | 1.9%                                               | 5.9%                  | 5.9%                              |
| 24                 | 2.1%                                               | 6.4%                  | 6.4%                              |
| 25                 | 1.9%                                               | 4.4%                  | 4.4%                              |
| 26                 | 1.7%                                               | 3.9%                  | 3.9%                              |
| 27                 | 1.9%                                               | 5.3%                  | 5.3%                              |
| 28                 | 1.5%                                               | 5.5%                  | 5.5%                              |
| 29                 | 2.2%                                               | 5.7%                  | 5.7%                              |
| 30                 | 2.8%                                               | 6.3%                  | 6.3%                              |
| 31                 | 1.9%                                               | 8.0%                  | 8.0%                              |
| 32                 | 3.1%                                               | 6.4%                  | 6.4%                              |
| 33                 | 1.9%                                               | 7.9%                  | 7.9%                              |
| 34                 | 1.5%                                               | 4.1%                  | 4.1%                              |
| 35                 | 1.3%                                               | 2.3%                  | 2.3%                              |
| 36                 | 2.0%                                               | 2.3%                  | 2.3%                              |
| 37                 | 1.6%                                               | 2.9%                  | 2.9%                              |
| 38                 | 1.4%                                               | 2.1%                  | 2.1%                              |
| 39                 | 0.9%                                               | 1.7%                  | 1.7%                              |
| 40                 | 1.5%                                               | 2.1%                  | 2.1%                              |
| 41 and up          | 1.5%                                               | 1.5%                  | 1.5%                              |

**Table 41**  
**Projected Number of Homes in East Brunswick by**  
**Length of Ownership from 2014-2023 in Scenario 2**

| <b>Years of Ownership</b> | <b>Turnover Rate</b> | <b>2013 Actual</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>2022</b> | <b>2023</b> |
|---------------------------|----------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>0</b>                  | 1.7%                 | 522                | 390         | 463         | 410         | 422         | 426         | 432         | 434         | 428         | 438         | 439         |
| <b>1</b>                  | 1.2%                 | 458                | 513         | 383         | 455         | 403         | 415         | 419         | 424         | 426         | 421         | 430         |
| <b>2</b>                  | 1.3%                 | 385                | 453         | 507         | 379         | 450         | 398         | 410         | 414         | 419         | 421         | 416         |
| <b>3</b>                  | 1.1%                 | 407                | 380         | 447         | 500         | 374         | 444         | 393         | 405         | 409         | 413         | 415         |
| <b>4</b>                  | 1.3%                 | 432                | 402         | 376         | 442         | 494         | 370         | 439         | 389         | 400         | 404         | 408         |
| <b>5</b>                  | 1.3%                 | 418                | 426         | 397         | 371         | 436         | 488         | 365         | 433         | 384         | 395         | 399         |
| <b>6</b>                  | 1.3%                 | 537                | 413         | 421         | 392         | 366         | 431         | 482         | 360         | 428         | 379         | 390         |
| <b>7</b>                  | 1.3%                 | 535                | 530         | 408         | 415         | 387         | 361         | 425         | 476         | 355         | 422         | 374         |
| <b>8</b>                  | 0.9%                 | 675                | 528         | 523         | 403         | 410         | 382         | 356         | 420         | 470         | 350         | 417         |
| <b>9</b>                  | 1.1%                 | 582                | 669         | 523         | 518         | 399         | 406         | 378         | 353         | 416         | 466         | 347         |
| <b>10</b>                 | 0.9%                 | 528                | 575         | 661         | 517         | 512         | 394         | 401         | 374         | 349         | 411         | 461         |
| <b>11</b>                 | 1.2%                 | 444                | 523         | 570         | 655         | 512         | 507         | 390         | 397         | 371         | 346         | 407         |
| <b>12</b>                 | 1.2%                 | 402                | 438         | 517         | 563         | 647         | 506         | 501         | 385         | 392         | 366         | 342         |
| <b>13</b>                 | 1.4%                 | 387                | 397         | 433         | 511         | 556         | 639         | 500         | 495         | 380         | 387         | 362         |
| <b>14</b>                 | 1.9%                 | 422                | 382         | 392         | 427         | 504         | 548         | 630         | 493         | 488         | 375         | 382         |
| <b>15</b>                 | 1.7%                 | 423                | 414         | 375         | 385         | 419         | 495         | 538         | 618         | 484         | 479         | 368         |
| <b>16</b>                 | 3.5%                 | 430                | 416         | 407         | 369         | 378         | 412         | 487         | 529         | 607         | 476         | 471         |
| <b>17</b>                 | 6.0%                 | 166                | 415         | 401         | 393         | 356         | 365         | 398         | 470         | 510         | 586         | 459         |
| <b>18</b>                 | 7.2%                 | 286                | 156         | 390         | 377         | 369         | 335         | 343         | 374         | 442         | 479         | 551         |
| <b>19</b>                 | 6.6%                 | 245                | 265         | 145         | 362         | 350         | 342         | 311         | 318         | 347         | 410         | 445         |
| <b>20</b>                 | 5.9%                 | 254                | 229         | 248         | 135         | 338         | 327         | 319         | 290         | 297         | 324         | 383         |
| <b>21</b>                 | 7.7%                 | 230                | 239         | 215         | 233         | 127         | 318         | 308         | 300         | 273         | 279         | 305         |
| <b>22</b>                 | 5.1%                 | 192                | 212         | 221         | 198         | 215         | 117         | 294         | 284         | 277         | 252         | 258         |
| <b>23</b>                 | 5.9%                 | 191                | 182         | 201         | 210         | 188         | 204         | 111         | 279         | 270         | 263         | 239         |
| <b>24</b>                 | 6.4%                 | 179                | 180         | 171         | 189         | 198         | 177         | 192         | 104         | 263         | 254         | 247         |
| <b>25</b>                 | 4.4%                 | 236                | 168         | 168         | 160         | 177         | 185         | 166         | 180         | 97          | 246         | 238         |
| <b>26</b>                 | 3.9%                 | 369                | 226         | 161         | 161         | 153         | 169         | 177         | 159         | 172         | 93          | 235         |
| <b>27</b>                 | 5.3%                 | 402                | 355         | 217         | 155         | 155         | 147         | 162         | 170         | 153         | 165         | 89          |
| <b>28</b>                 | 5.5%                 | 331                | 381         | 336         | 205         | 147         | 147         | 139         | 153         | 161         | 145         | 156         |
| <b>29</b>                 | 5.7%                 | 211                | 313         | 360         | 318         | 194         | 139         | 139         | 131         | 145         | 152         | 137         |
| <b>30</b>                 | 6.3%                 | 113                | 199         | 295         | 339         | 300         | 183         | 131         | 131         | 124         | 137         | 143         |
| <b>31</b>                 | 8.0%                 | 71                 | 106         | 186         | 276         | 318         | 281         | 171         | 123         | 123         | 116         | 128         |
| <b>32</b>                 | 6.4%                 | 32                 | 65          | 100         | 171         | 254         | 293         | 259         | 157         | 113         | 113         | 107         |
| <b>33</b>                 | 7.9%                 | 72                 | 30          | 61          | 94          | 160         | 238         | 274         | 242         | 147         | 106         | 106         |
| <b>34</b>                 | 4.1%                 | 60                 | 66          | 28          | 56          | 87          | 147         | 219         | 252         | 223         | 135         | 98          |
| <b>35</b>                 | 2.3%                 | 100                | 58          | 62          | 27          | 54          | 83          | 141         | 210         | 242         | 214         | 129         |
| <b>36</b>                 | 2.3%                 | 61                 | 98          | 53          | 61          | 26          | 53          | 81          | 138         | 205         | 236         | 209         |
| <b>37</b>                 | 2.9%                 | 88                 | 60          | 92          | 52          | 60          | 25          | 52          | 79          | 135         | 200         | 231         |
| <b>38</b>                 | 2.1%                 | 67                 | 85          | 55          | 89          | 50          | 58          | 24          | 50          | 77          | 131         | 194         |
| <b>39</b>                 | 1.7%                 | 112                | 66          | 82          | 54          | 87          | 49          | 57          | 23          | 49          | 75          | 128         |
| <b>40</b>                 | 2.1%                 | 87                 | 110         | 64          | 81          | 53          | 86          | 48          | 56          | 23          | 48          | 74          |
| <b>41 and up</b>          | 1.5%                 | 3713               | 3742        | 3740        | 3747        | 3770        | 3765        | 3793        | 3783        | 3781        | 3747        | 3738        |

**Table 42**  
**Projected Number of East Brunswick Students for 2014-2023**  
**Based on Length of Ownership and Student Yields in Scenario 2**

| Years of Ownership                      | Yield | 2013 Actual | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  | 2021  | 2022  | 2023  |
|-----------------------------------------|-------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0                                       | 0.45  | 236         | 176   | 209   | 185   | 191   | 193   | 195   | 196   | 194   | 198   | 198   |
| 1                                       | 0.60  | 277         | 310   | 232   | 275   | 244   | 251   | 253   | 256   | 258   | 255   | 260   |
| 2                                       | 0.72  | 277         | 326   | 365   | 273   | 324   | 286   | 295   | 298   | 301   | 303   | 299   |
| 3                                       | 0.71  | 288         | 269   | 316   | 354   | 265   | 314   | 278   | 287   | 289   | 292   | 294   |
| 4                                       | 0.68  | 292         | 272   | 254   | 299   | 334   | 250   | 297   | 263   | 270   | 273   | 276   |
| 5                                       | 0.79  | 332         | 338   | 315   | 295   | 346   | 388   | 290   | 344   | 305   | 314   | 317   |
| 6                                       | 0.77  | 411         | 316   | 322   | 300   | 280   | 330   | 369   | 276   | 328   | 290   | 298   |
| 7                                       | 0.66  | 352         | 349   | 268   | 273   | 255   | 238   | 280   | 313   | 234   | 278   | 246   |
| 8                                       | 0.85  | 575         | 450   | 446   | 343   | 349   | 325   | 303   | 358   | 400   | 298   | 355   |
| 9                                       | 0.88  | 512         | 589   | 460   | 456   | 351   | 357   | 333   | 311   | 366   | 410   | 305   |
| 10                                      | 0.83  | 437         | 476   | 547   | 428   | 424   | 326   | 332   | 310   | 289   | 340   | 382   |
| 11                                      | 0.81  | 358         | 422   | 460   | 528   | 413   | 409   | 314   | 320   | 299   | 279   | 328   |
| 12                                      | 0.80  | 322         | 351   | 414   | 451   | 518   | 405   | 401   | 308   | 314   | 293   | 274   |
| 13                                      | 0.63  | 242         | 248   | 271   | 320   | 348   | 400   | 313   | 310   | 238   | 242   | 226   |
| 14                                      | 0.61  | 256         | 232   | 238   | 259   | 306   | 332   | 382   | 299   | 296   | 227   | 232   |
| 15                                      | 0.52  | 219         | 214   | 194   | 199   | 217   | 256   | 279   | 320   | 251   | 248   | 191   |
| 16                                      | 0.51  | 219         | 212   | 207   | 188   | 193   | 210   | 248   | 269   | 309   | 242   | 240   |
| 17                                      | 0.37  | 62          | 155   | 150   | 147   | 133   | 136   | 149   | 176   | 190   | 219   | 171   |
| 18                                      | 0.48  | 138         | 75    | 188   | 182   | 178   | 162   | 166   | 180   | 213   | 231   | 266   |
| 19                                      | 0.33  | 81          | 88    | 48    | 120   | 116   | 113   | 103   | 105   | 115   | 136   | 147   |
| 20                                      | 0.40  | 102         | 92    | 100   | 54    | 136   | 131   | 128   | 116   | 119   | 130   | 154   |
| 21                                      | 0.22  | 50          | 52    | 47    | 51    | 28    | 69    | 67    | 65    | 59    | 61    | 66    |
| 22                                      | 0.29  | 55          | 61    | 63    | 57    | 62    | 34    | 84    | 81    | 79    | 72    | 74    |
| 23                                      | 0.23  | 44          | 42    | 46    | 48    | 43    | 47    | 26    | 64    | 62    | 61    | 55    |
| 24                                      | 0.15  | 26          | 26    | 25    | 27    | 29    | 26    | 28    | 15    | 38    | 37    | 36    |
| 25                                      | 0.12  | 29          | 21    | 21    | 20    | 22    | 23    | 20    | 22    | 12    | 30    | 29    |
| 26                                      | 0.20  | 74          | 45    | 32    | 32    | 31    | 34    | 35    | 32    | 34    | 19    | 47    |
| 27                                      | 0.11  | 46          | 41    | 25    | 18    | 18    | 17    | 19    | 19    | 18    | 19    | 10    |
| 28                                      | 0.15  | 48          | 55    | 49    | 30    | 21    | 21    | 20    | 22    | 23    | 21    | 23    |
| 29                                      | 0.18  | 37          | 55    | 63    | 56    | 34    | 24    | 24    | 23    | 25    | 27    | 24    |
| 30                                      | 0.10  | 11          | 19    | 29    | 33    | 29    | 18    | 13    | 13    | 12    | 13    | 14    |
| 31                                      | 0.32  | 23          | 34    | 60    | 89    | 103   | 91    | 55    | 40    | 40    | 38    | 41    |
| 32                                      | 0.31  | 10          | 20    | 31    | 53    | 79    | 92    | 81    | 49    | 35    | 35    | 33    |
| 33                                      | 0.33  | 24          | 10    | 20    | 31    | 53    | 79    | 91    | 81    | 49    | 35    | 35    |
| 34                                      | 0.15  | 9           | 10    | 4     | 8     | 13    | 22    | 33    | 38    | 33    | 20    | 15    |
| 35                                      | 0.18  | 18          | 10    | 11    | 5     | 10    | 15    | 25    | 38    | 44    | 39    | 23    |
| 36                                      | 0.20  | 12          | 19    | 10    | 12    | 5     | 10    | 16    | 27    | 40    | 46    | 41    |
| 37                                      | 0.03  | 3           | 2     | 3     | 2     | 2     | 1     | 2     | 3     | 5     | 7     | 8     |
| 38                                      | 0.13  | 9           | 11    | 7     | 12    | 7     | 8     | 3     | 7     | 10    | 18    | 26    |
| 39                                      | 0.15  | 17          | 10    | 12    | 8     | 13    | 7     | 9     | 3     | 7     | 11    | 19    |
| 40                                      | 0.16  | 14          | 18    | 10    | 13    | 9     | 14    | 8     | 9     | 4     | 8     | 12    |
| 41 and up                               | 0.27  | 1009        | 1017  | 1016  | 1018  | 1024  | 1023  | 1031  | 1028  | 1027  | 1018  | 1016  |
| Total Resident Students                 |       | 7,556       | 7,538 | 7,588 | 7,552 | 7,556 | 7,487 | 7,398 | 7,294 | 7,234 | 7,133 | 7,106 |
| Resident Students from Apts. (constant) |       | 695         | 695   | 695   | 695   | 695   | 695   | 695   | 695   | 695   | 695   | 695   |
| Total                                   |       | 8,251       | 8,233 | 8,283 | 8,247 | 8,251 | 8,182 | 8,093 | 7,989 | 7,929 | 7,828 | 7,801 |



## **Appendix**

**Table A1**  
**Student Yields by Street in**  
**East Brunswick Township**

| Street           | Total<br>Number of<br>Units on<br>Street <sup>1</sup> | Number of<br>PK-12<br>Students <sup>2</sup> | Number of<br>PK-5<br>Students | Number of<br>6-7<br>Students | Number of<br>8-9<br>Students | Number of<br>10-12<br>Students | Street<br>Yield<br>(PK-12) |
|------------------|-------------------------------------------------------|---------------------------------------------|-------------------------------|------------------------------|------------------------------|--------------------------------|----------------------------|
| Academic Road    | 25                                                    | 15                                          | 7                             | 2                            | 2                            | 4                              | 0.60                       |
| Adams Court      | 10                                                    | 6                                           | 4                             | 1                            | 0                            | 1                              | 0.60                       |
| Addington Court  | 33                                                    | 23                                          | 1                             | 8                            | 8                            | 6                              | 0.70                       |
| Agate Road       | 42                                                    | 25                                          | 11                            | 2                            | 2                            | 10                             | 0.60                       |
| Ainslie Court    | 10                                                    | 0                                           | 0                             | 0                            | 0                            | 0                              | 0.00                       |
| Ainsworth Avenue | 51                                                    | 42                                          | 14                            | 8                            | 6                            | 14                             | 0.82                       |
| Albemarle Road   | 21                                                    | 5                                           | 2                             | 1                            | 2                            | 0                              | 0.24                       |
| Albert Street    | 1                                                     | 2                                           | 0                             | 1                            | 0                            | 1                              | 2.00                       |
| Albrecht Lane    | 5                                                     | 5                                           | 3                             | 1                            | 0                            | 1                              | 1.00                       |
| Aldingham Circle | 24                                                    | 21                                          | 6                             | 5                            | 6                            | 4                              | 0.88                       |
| Aldrich Street   | 9                                                     | 5                                           | 1                             | 1                            | 1                            | 2                              | 0.56                       |
| Alexander Road   | 29                                                    | 15                                          | 5                             | 4                            | 4                            | 2                              | 0.52                       |
| Allison Drive    | 26                                                    | 13                                          | 4                             | 2                            | 0                            | 7                              | 0.50                       |
| Allwood Road     | 24                                                    | 9                                           | 6                             | 2                            | 1                            | 0                              | 0.38                       |
| Alpine Court     | 10                                                    | 5                                           | 3                             | 1                            | 0                            | 1                              | 0.50                       |
| Amanda Court     | 4                                                     | 0                                           | 0                             | 0                            | 0                            | 0                              | 0.00                       |
| Anderson Court   | 34                                                    | 9                                           | 2                             | 1                            | 3                            | 3                              | 0.26                       |
| Andover Place    | 16                                                    | 6                                           | 4                             | 0                            | 0                            | 2                              | 0.38                       |
| Andrew Place     | 3                                                     | 1                                           | 0                             | 1                            | 0                            | 0                              | 0.33                       |
| Ann Terrace      | 3                                                     | 3                                           | 0                             | 3                            | 0                            | 0                              | 1.00                       |
| Apple Manor Lane | 10                                                    | 3                                           | 2                             | 0                            | 1                            | 0                              | 0.30                       |
| Apple Ridge Way  | 14                                                    | 16                                          | 11                            | 3                            | 0                            | 2                              | 1.14                       |
| Appleby Lane     | 35                                                    | 20                                          | 9                             | 3                            | 4                            | 4                              | 0.57                       |
| Applegate Lane   | 111                                                   | 51                                          | 25                            | 8                            | 7                            | 11                             | 0.46                       |
| Appletree Lane   | 15                                                    | 11                                          | 2                             | 2                            | 1                            | 6                              | 0.73                       |
| Arbit Road       | 6                                                     | 1                                           | 1                             | 0                            | 0                            | 0                              | 0.17                       |
| Ardmore Place    | 25                                                    | 16                                          | 6                             | 5                            | 0                            | 5                              | 0.64                       |
| Ardley Court     | 20                                                    | 8                                           | 2                             | 0                            | 3                            | 3                              | 0.40                       |
| Arthur Street    | 11                                                    | 5                                           | 2                             | 2                            | 0                            | 1                              | 0.45                       |
| Ashgrove Court   | 4                                                     | 1                                           | 1                             | 0                            | 0                            | 0                              | 0.25                       |
| Aspen Court      | 4                                                     | 0                                           | 0                             | 0                            | 0                            | 0                              | 0.00                       |
| Augusta Place    | 16                                                    | 9                                           | 2                             | 2                            | 1                            | 4                              | 0.56                       |
| Austin Drive     | 18                                                    | 6                                           | 0                             | 1                            | 0                            | 5                              | 0.33                       |
| Autumn Lane      | 20                                                    | 15                                          | 5                             | 1                            | 1                            | 8                              | 0.75                       |
| Avon Court       | 7                                                     | 2                                           | 0                             | 0                            | 1                            | 1                              | 0.29                       |
| Ayres Court      | 20                                                    | 5                                           | 2                             | 2                            | 1                            | 0                              | 0.25                       |
| Azalea Court     | 8                                                     | 1                                           | 0                             | 0                            | 0                            | 1                              | 0.13                       |
| Banner Court     | 15                                                    | 8                                           | 4                             | 2                            | 0                            | 2                              | 0.53                       |
| Barkley Court    | 10                                                    | 4                                           | 4                             | 0                            | 0                            | 0                              | 0.40                       |
| Barns Court      | 6                                                     | 2                                           | 2                             | 0                            | 0                            | 0                              | 0.33                       |
| Baron Lane       | 52                                                    | 25                                          | 9                             | 7                            | 3                            | 6                              | 0.48                       |
| Barrie Road      | 12                                                    | 9                                           | 4                             | 2                            | 0                            | 3                              | 0.75                       |
| Bartman Road     | 31                                                    | 8                                           | 3                             | 2                            | 0                            | 3                              | 0.26                       |
| Barton Court     | 5                                                     | 1                                           | 0                             | 0                            | 0                            | 1                              | 0.20                       |

|                         |     |    |    |    |    |    |      |
|-------------------------|-----|----|----|----|----|----|------|
| Bayberry Court          | 7   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Beacon Hill Drive       | 28  | 15 | 5  | 2  | 2  | 6  | 0.54 |
| Bearsley Drive          | 22  | 17 | 10 | 5  | 2  | 0  | 0.77 |
| Beaverdam Drive         | 23  | 8  | 6  | 0  | 2  | 0  | 0.35 |
| Bedford Court           | 5   | 3  | 0  | 0  | 0  | 3  | 0.60 |
| Beech Court             | 9   | 6  | 1  | 4  | 1  | 0  | 0.67 |
| Beekman Road            | 1   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Bel Air Court           | 7   | 2  | 0  | 0  | 1  | 1  | 0.29 |
| Bell Court              | 12  | 5  | 2  | 0  | 1  | 2  | 0.42 |
| Bennett Court           | 36  | 3  | 1  | 1  | 1  | 0  | 0.08 |
| Bennington Court        | 14  | 5  | 1  | 0  | 1  | 3  | 0.36 |
| Berkshire Way           | 61  | 46 | 18 | 5  | 12 | 11 | 0.75 |
| Bernard Road            | 25  | 10 | 2  | 3  | 2  | 3  | 0.40 |
| Beth Court              | 8   | 8  | 4  | 1  | 3  | 0  | 1.00 |
| Betsy Ross Court        | 8   | 6  | 4  | 0  | 0  | 2  | 0.75 |
| Biernacki Court         | 7   | 6  | 0  | 1  | 2  | 3  | 0.86 |
| Birch Drive             | 6   | 4  | 0  | 1  | 2  | 1  | 0.67 |
| Birch Hill Road         | 9   | 4  | 1  | 2  | 0  | 1  | 0.44 |
| Bissett Court           | 2   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Blair Court             | 4   | 2  | 0  | 0  | 0  | 2  | 0.50 |
| Blew Court              | 64  | 13 | 8  | 1  | 1  | 3  | 0.20 |
| Blue Diamond Hill Court | 4   | 3  | 1  | 0  | 1  | 1  | 0.75 |
| Bosko Drive             | 51  | 24 | 11 | 3  | 4  | 6  | 0.47 |
| Boston Post Road        | 29  | 9  | 4  | 1  | 3  | 1  | 0.31 |
| Bowne Street            | 8   | 13 | 4  | 3  | 2  | 4  | 1.63 |
| Braddock Street         | 8   | 4  | 0  | 1  | 1  | 2  | 0.50 |
| Bradford Road           | 41  | 21 | 7  | 5  | 2  | 7  | 0.51 |
| Braeburn Place          | 11  | 14 | 6  | 2  | 4  | 2  | 1.27 |
| Branco Place            | 8   | 10 | 4  | 1  | 2  | 3  | 1.25 |
| Brandywine Drive        | 8   | 1  | 0  | 0  | 0  | 1  | 0.13 |
| Branton Drive           | 19  | 8  | 2  | 2  | 1  | 3  | 0.42 |
| Brantwood Court         | 7   | 1  | 0  | 0  | 1  | 0  | 0.14 |
| Brian Road              | 9   | 6  | 4  | 0  | 1  | 1  | 0.67 |
| Bristol Court           | 11  | 4  | 2  | 1  | 0  | 1  | 0.36 |
| Bromley Court           | 3   | 6  | 1  | 2  | 0  | 1  | 2.00 |
| Bromley Place           | 145 | 61 | 36 | 10 | 4  | 11 | 0.42 |
| Brookdale Road          | 19  | 20 | 4  | 6  | 4  | 6  | 1.05 |
| Brookhill Road          | 24  | 15 | 5  | 4  | 1  | 5  | 0.63 |
| Brookside Court         | 17  | 6  | 6  | 0  | 0  | 0  | 0.35 |
| Brown Court             | 19  | 13 | 9  | 1  | 1  | 2  | 0.68 |
| Bruce Road              | 3   | 3  | 2  | 0  | 0  | 1  | 1.00 |
| Bruning Road            | 16  | 4  | 0  | 1  | 1  | 2  | 0.25 |
| Buck Road               | 56  | 30 | 13 | 5  | 3  | 9  | 0.54 |
| Buckingham Drive        | 30  | 13 | 3  | 2  | 4  | 4  | 0.43 |
| Bucknell Drive          | 21  | 25 | 9  | 7  | 4  | 5  | 1.19 |
| Buffalo Run             | 39  | 16 | 4  | 4  | 5  | 3  | 0.41 |
| Bunker Hill Run         | 25  | 8  | 5  | 1  | 1  | 1  | 0.32 |
| Burlington Lane         | 15  | 12 | 6  | 1  | 4  | 1  | 0.80 |
| Burnham Road            | 25  | 10 | 3  | 2  | 2  | 3  | 0.40 |
| Bush Parkway            | 33  | 10 | 2  | 4  | 1  | 3  | 0.30 |
| Buttonwood Drive        | 108 | 67 | 27 | 5  | 11 | 24 | 0.62 |

|                           |     |    |    |   |    |    |      |
|---------------------------|-----|----|----|---|----|----|------|
| Caldwell Court            | 5   | 4  | 3  | 0 | 1  | 0  | 0.80 |
| Cambridge Court           | 8   | 4  | 1  | 0 | 2  | 1  | 0.50 |
| Camelot Drive             | 19  | 7  | 5  | 1 | 1  | 0  | 0.37 |
| Cameron Court             | 5   | 5  | 2  | 0 | 2  | 1  | 1.00 |
| Candle Lane               | 21  | 14 | 5  | 2 | 4  | 3  | 0.67 |
| Cannon Road               | 11  | 7  | 2  | 2 | 1  | 2  | 0.64 |
| Canterbury Road           | 36  | 16 | 5  | 0 | 5  | 6  | 0.44 |
| Cape Court                | 9   | 3  | 0  | 0 | 1  | 2  | 0.33 |
| Carhart Court             | 44  | 6  | 3  | 0 | 2  | 1  | 0.14 |
| Carlisle Court            | 4   | 2  | 1  | 0 | 1  | 0  | 0.50 |
| Carlton Court             | 9   | 2  | 2  | 0 | 0  | 0  | 0.22 |
| Carol Court               | 6   | 7  | 4  | 1 | 1  | 1  | 1.17 |
| Carter Road               | 21  | 16 | 7  | 0 | 5  | 4  | 0.76 |
| Center Lane               | 11  | 6  | 1  | 1 | 2  | 2  | 0.55 |
| Central Avenue            | 69  | 32 | 8  | 6 | 5  | 13 | 0.46 |
| Chalmers Road             | 17  | 4  | 0  | 0 | 1  | 3  | 0.24 |
| Channing Road             | 25  | 9  | 1  | 2 | 3  | 3  | 0.36 |
| Charter Court             | 8   | 7  | 4  | 2 | 0  | 1  | 0.88 |
| Cherokee Road             | 22  | 12 | 7  | 1 | 2  | 2  | 0.55 |
| Cherry Lane               | 2   | 1  | 1  | 0 | 0  | 0  | 0.50 |
| Chestnut Street           | 7   | 3  | 1  | 0 | 1  | 1  | 0.43 |
| Christian Drive           | 17  | 17 | 3  | 3 | 2  | 9  | 1.00 |
| Church Lane               | 49  | 20 | 8  | 1 | 5  | 6  | 0.41 |
| Churchill Road            | 14  | 4  | 1  | 2 | 1  | 0  | 0.29 |
| Cider Court               | 9   | 3  | 0  | 1 | 1  | 1  | 0.33 |
| Claire Road               | 2   | 1  | 0  | 0 | 0  | 1  | 0.50 |
| Clark Court               | 13  | 5  | 4  | 1 | 0  | 0  | 0.38 |
| Clayton Court             | 15  | 6  | 0  | 0 | 1  | 5  | 0.40 |
| Clearview Road            | 36  | 18 | 5  | 5 | 0  | 8  | 0.50 |
| Cleveland Avenue          | 28  | 13 | 4  | 5 | 2  | 2  | 0.46 |
| Clinton Court             | 12  | 8  | 5  | 0 | 1  | 2  | 0.67 |
| Clover Court              | 5   | 0  | 0  | 0 | 0  | 0  | 0.00 |
| Clovis Road               | 4   | 3  | 2  | 1 | 0  | 0  | 0.75 |
| Coachman Court            | 5   | 0  | 0  | 0 | 0  | 0  | 0.00 |
| Colburn Road              | 31  | 12 | 7  | 0 | 3  | 2  | 0.39 |
| Coleman Road              | 15  | 7  | 7  | 0 | 0  | 0  | 0.47 |
| Colin Street              | 10  | 12 | 7  | 0 | 2  | 3  | 1.20 |
| Colonial Drive            | 29  | 13 | 3  | 2 | 2  | 6  | 0.45 |
| Colt Court                | 12  | 7  | 1  | 2 | 1  | 3  | 0.58 |
| Combs Place               | 7   | 1  | 0  | 0 | 0  | 1  | 0.14 |
| Commons at Kingwood Drive | 197 | 49 | 27 | 8 | 6  | 8  | 0.25 |
| Concord Drive             | 10  | 5  | 3  | 1 | 1  | 0  | 0.50 |
| Connolly Drive            | 37  | 16 | 7  | 2 | 4  | 3  | 0.43 |
| Conover Court             | 5   | 3  | 0  | 2 | 0  | 1  | 0.60 |
| Constitution Court        | 16  | 6  | 3  | 1 | 0  | 2  | 0.38 |
| Cook Road                 | 20  | 15 | 2  | 6 | 3  | 4  | 0.75 |
| Coolidge Avenue           | 15  | 9  | 4  | 1 | 2  | 2  | 0.60 |
| Cornell Drive             | 41  | 32 | 12 | 4 | 8  | 8  | 0.78 |
| Corona Road               | 41  | 31 | 10 | 4 | 6  | 11 | 0.76 |
| Cortland Drive            | 42  | 50 | 19 | 8 | 13 | 10 | 1.19 |
| Cosgrove Court            | 25  | 17 | 7  | 3 | 3  | 4  | 0.68 |

|                     |     |    |    |    |    |    |      |
|---------------------|-----|----|----|----|----|----|------|
| Covington Court     | 64  | 33 | 16 | 8  | 3  | 6  | 0.52 |
| Cozzens Court       | 64  | 3  | 0  | 0  | 2  | 1  | 0.05 |
| Cranbury Road       | 328 | 78 | 43 | 12 | 3  | 20 | 0.24 |
| Crandall Drive      | 26  | 6  | 4  | 0  | 2  | 0  | 0.23 |
| Crescent Avenue     | 8   | 4  | 1  | 1  | 1  | 1  | 0.50 |
| Crest Road          | 8   | 3  | 1  | 1  | 1  | 0  | 0.38 |
| Cris Court          | 3   | 1  | 0  | 1  | 0  | 0  | 0.33 |
| Crispen Lane        | 2   | 2  | 2  | 0  | 0  | 0  | 1.00 |
| Crommelin Court     | 13  | 5  | 2  | 1  | 0  | 2  | 0.38 |
| Crosspointe Drive   | 96  | 24 | 10 | 6  | 4  | 4  | 0.25 |
| Culver Lane         | 6   | 2  | 2  | 0  | 0  | 0  | 0.33 |
| Currier Road        | 7   | 11 | 4  | 2  | 1  | 4  | 1.57 |
| Cypress Lane        | 181 | 74 | 35 | 9  | 14 | 16 | 0.41 |
| Dale Road           | 5   | 3  | 0  | 0  | 1  | 2  | 0.60 |
| Dallenbach Lane     | 45  | 29 | 11 | 10 | 4  | 4  | 0.64 |
| Dalston Street      | 7   | 4  | 3  | 0  | 1  | 0  | 0.57 |
| Danbury Lane        | 110 | 51 | 21 | 12 | 6  | 12 | 0.46 |
| Daniel Place        | 13  | 15 | 7  | 2  | 4  | 2  | 1.15 |
| Darby Road          | 19  | 3  | 0  | 1  | 1  | 1  | 0.16 |
| Darren Court        | 7   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| David Dr            |     | 1  | 1  | 0  | 0  | 0  |      |
| Davison Avenue      | 12  | 11 | 5  | 1  | 0  | 5  | 0.92 |
| Dean Lane           | 18  | 7  | 3  | 2  | 0  | 2  | 0.39 |
| Deer Run Court      | 22  | 14 | 5  | 5  | 1  | 3  | 0.64 |
| Deerfield Road      | 53  | 40 | 19 | 6  | 6  | 9  | 0.75 |
| DeHart Court        | 8   | 5  | 3  | 0  | 1  | 1  | 0.63 |
| Delaware Drive      | 18  | 19 | 7  | 5  | 5  | 2  | 1.06 |
| Dellwood Court      | 7   | 2  | 0  | 0  | 1  | 1  | 0.29 |
| Denise Avenue       | 8   | 2  | 0  | 0  | 0  | 2  | 0.25 |
| Derby Lane          | 11  | 5  | 0  | 1  | 2  | 2  | 0.45 |
| Deseret Drive       | 1   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Devlin Place        | 1   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Devoes Lane         | 9   | 4  | 2  | 0  | 2  | 0  | 0.44 |
| Devon Drive         | 51  | 41 | 13 | 7  | 8  | 13 | 0.80 |
| Dexter Road         | 33  | 23 | 9  | 2  | 4  | 8  | 0.70 |
| Diamond Court       | 29  | 20 | 7  | 1  | 6  | 6  | 0.69 |
| Diana Court         | 14  | 6  | 5  | 0  | 0  | 1  | 0.43 |
| Dill Court          | 3   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Disbrow Court       | 12  | 6  | 2  | 0  | 2  | 2  | 0.50 |
| Dobbs Court         | 7   | 7  | 4  | 1  | 0  | 2  | 1.00 |
| Dobson Road         | 16  | 11 | 5  | 2  | 2  | 2  | 0.69 |
| Dogwood Court       | 11  | 3  | 1  | 0  | 1  | 1  | 0.27 |
| Donald Road         | 20  | 12 | 7  | 1  | 2  | 2  | 0.60 |
| Donna Street        | 14  | 6  | 4  | 0  | 1  | 1  | 0.43 |
| Dorchester Drive    | 45  | 20 | 6  | 3  | 2  | 9  | 0.44 |
| Dorolee Drive       | 8   | 4  | 1  | 1  | 0  | 2  | 0.50 |
| Dorothy Lane        | 23  | 16 | 9  | 0  | 3  | 4  | 0.70 |
| Dorset Court        | 5   | 2  | 2  | 0  | 0  | 0  | 0.40 |
| Douglas Road        | 16  | 8  | 3  | 3  | 0  | 2  | 0.50 |
| Downing Drive       | 11  | 9  | 1  | 3  | 0  | 5  | 0.82 |
| Dunhams Corner Road | 103 | 69 | 18 | 15 | 13 | 23 | 0.67 |

|                   |    |    |    |   |   |    |      |
|-------------------|----|----|----|---|---|----|------|
| Dunston Drive     | 15 | 6  | 4  | 1 | 0 | 1  | 0.40 |
| Dutch Road        | 60 | 34 | 8  | 2 | 4 | 20 | 0.57 |
| E. Waverly Drive  | 11 | 10 | 3  | 3 | 2 | 2  | 0.91 |
| E. Zoller Road    | 17 | 9  | 7  | 0 | 0 | 2  | 0.53 |
| Echo Lane         | 4  | 5  | 2  | 1 | 1 | 1  | 1.25 |
| Edinburg Lane     | 26 | 10 | 2  | 1 | 3 | 4  | 0.38 |
| Edna Street       | 4  | 1  | 0  | 0 | 1 | 0  | 0.25 |
| Edward Street     | 23 | 9  | 4  | 2 | 1 | 2  | 0.39 |
| Eggers Street     | 47 | 28 | 13 | 1 | 6 | 8  | 0.60 |
| Eileen Court      | 11 | 8  | 6  | 1 | 0 | 1  | 0.73 |
| Elaine Road       | 13 | 5  | 0  | 1 | 0 | 4  | 0.38 |
| Eldridge Drive    | 17 | 10 | 3  | 3 | 2 | 2  | 0.59 |
| Elizabeth Avenue  | 17 | 11 | 6  | 0 | 1 | 4  | 0.65 |
| Ellison Avenue    | 26 | 20 | 13 | 3 | 3 | 1  | 0.77 |
| Ellwood Road      | 36 | 12 | 1  | 3 | 1 | 7  | 0.33 |
| Elm Street        | 13 | 11 | 4  | 2 | 1 | 4  | 0.85 |
| Eric Lane         | 11 | 10 | 6  | 1 | 1 | 2  | 0.91 |
| Erwin Terrace     | 1  | 2  | 0  | 0 | 1 | 1  | 2.00 |
| Everett Street    | 3  | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Everton Drive     | 12 | 3  | 1  | 0 | 0 | 2  | 0.25 |
| Fairfield Road    | 43 | 18 | 4  | 3 | 3 | 8  | 0.42 |
| Fairview Avenue   | 26 | 10 | 4  | 1 | 1 | 4  | 0.38 |
| Falcon Road       | 8  | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Farmingdale Road  | 20 | 12 | 6  | 2 | 0 | 4  | 0.60 |
| Farms Road        | 26 | 11 | 6  | 1 | 1 | 3  | 0.42 |
| Farms Road Circle | 45 | 17 | 10 | 3 | 1 | 3  | 0.38 |
| Farrington Avenue | 9  | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Federal Road      | 4  | 2  | 1  | 0 | 1 | 0  | 0.50 |
| Fern Road         | 55 | 21 | 7  | 4 | 6 | 4  | 0.38 |
| Fernwood Court    | 11 | 6  | 2  | 1 | 0 | 3  | 0.55 |
| Ferro Street      | 2  | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Fetyko Avenue     | 1  | 1  | 1  | 0 | 0 | 0  | 1.00 |
| Fieldcrest Drive  | 12 | 12 | 5  | 5 | 1 | 1  | 1.00 |
| Fieldstone Court  | 3  | 3  | 1  | 0 | 1 | 1  | 1.00 |
| Fifth Street      | 14 | 2  | 0  | 1 | 1 | 0  | 0.14 |
| Firethorn Court   | 11 | 2  | 0  | 2 | 0 | 0  | 0.18 |
| First Street      | 7  | 4  | 4  | 0 | 0 | 0  | 0.57 |
| Flagler Street    | 43 | 19 | 7  | 6 | 2 | 4  | 0.44 |
| Fountain Street   | 8  | 5  | 3  | 1 | 1 | 0  | 0.63 |
| Fourth Street     | 14 | 1  | 1  | 0 | 0 | 0  | 0.07 |
| Fox Meadow Court  | 4  | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Francis Road      | 31 | 22 | 9  | 3 | 1 | 9  | 0.71 |
| Franklin Court    | 4  | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Frederick Street  | 12 | 8  | 3  | 0 | 2 | 3  | 0.67 |
| French Street     | 4  | 4  | 1  | 0 | 1 | 2  | 1.00 |
| Fresh Ponds Road  | 82 | 41 | 18 | 6 | 6 | 11 | 0.50 |
| Frost Avenue      | 58 | 38 | 11 | 7 | 8 | 12 | 0.66 |
| Gage Road         | 67 | 35 | 14 | 6 | 7 | 8  | 0.52 |
| Garden Terrace    | 10 | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Garfield Avenue   | 18 | 9  | 4  | 1 | 3 | 1  | 0.50 |
| Gates Avenue      | 42 | 15 | 3  | 3 | 2 | 7  | 0.36 |
| George Street     | 5  | 2  | 0  | 0 | 0 | 2  | 0.40 |

|                    |    |    |    |   |   |    |      |
|--------------------|----|----|----|---|---|----|------|
| Gerard Court       | 2  | 1  | 0  | 0 | 0 | 1  | 0.50 |
| Gertrude Road      | 5  | 2  | 1  | 0 | 0 | 1  | 0.40 |
| Gladstone Drive    | 44 | 22 | 12 | 4 | 1 | 5  | 0.50 |
| Glen Court         | 13 | 8  | 5  | 1 | 0 | 2  | 0.62 |
| Glenside Court     | 10 | 7  | 3  | 2 | 2 | 0  | 0.70 |
| Gloucester Court   | 34 | 14 | 7  | 3 | 1 | 3  | 0.41 |
| Glover Road        | 13 | 3  | 1  | 0 | 0 | 2  | 0.23 |
| Golden Pond Drive  | 11 | 5  | 4  | 1 | 0 | 0  | 0.45 |
| Gonder Court       | 2  | 4  | 2  | 0 | 2 | 0  | 2.00 |
| Gordon Avenue      | 12 | 1  | 0  | 0 | 0 | 1  | 0.08 |
| Grace Road         | 14 | 8  | 4  | 2 | 1 | 1  | 0.57 |
| Grange Court       | 6  | 4  | 0  | 1 | 2 | 1  | 0.67 |
| Grant Avenue       | 2  | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Green Acres Avenue | 45 | 10 | 5  | 1 | 2 | 2  | 0.22 |
| Green Hills Road   | 22 | 16 | 8  | 1 | 1 | 6  | 0.73 |
| Greenbrae Court    | 8  | 3  | 2  | 0 | 1 | 0  | 0.38 |
| Greenwood Court    | 10 | 4  | 3  | 0 | 1 | 0  | 0.40 |
| Griffin Street     | 5  | 2  | 0  | 0 | 1 | 1  | 0.40 |
| Grott Lane         | 1  | 1  | 1  | 0 | 0 | 0  | 1.00 |
| Grove Street       | 4  | 2  | 1  | 1 | 0 | 0  | 0.50 |
| Guernsey Lane      | 9  | 2  | 2  | 0 | 0 | 0  | 0.22 |
| Gulf Road          | 24 | 13 | 6  | 4 | 0 | 3  | 0.54 |
| Gunia Street       | 22 | 11 | 4  | 1 | 1 | 5  | 0.50 |
| Gunpowder Drive    | 29 | 18 | 8  | 2 | 2 | 6  | 0.62 |
| Guy Drive          | 12 | 8  | 4  | 4 | 0 | 0  | 0.67 |
| Hager Street       | 8  | 10 | 4  | 3 | 2 | 1  | 1.25 |
| Hale Road          | 12 | 11 | 4  | 1 | 3 | 3  | 0.92 |
| Halick Court       | 11 | 6  | 3  | 1 | 1 | 1  | 0.55 |
| Hamilton Drive     | 21 | 7  | 3  | 1 | 1 | 2  | 0.33 |
| Hamlin Road        | 23 | 16 | 7  | 2 | 3 | 4  | 0.70 |
| Hampton Place      | 12 | 9  | 4  | 2 | 2 | 1  | 0.75 |
| Hancock Court      | 13 | 5  | 1  | 0 | 3 | 1  | 0.38 |
| Hardenburg Lane    | 68 | 23 | 6  | 0 | 6 | 11 | 0.34 |
| Harold Court       | 9  | 7  | 3  | 2 | 1 | 1  | 0.78 |
| Harrison Avenue    | 41 | 26 | 13 | 2 | 5 | 6  | 0.63 |
| Hartlander Street  | 40 | 38 | 16 | 7 | 5 | 10 | 0.95 |
| Harvey Circle      | 50 | 27 | 16 | 4 | 3 | 4  | 0.54 |
| Harwin Drive       | 21 | 12 | 2  | 1 | 4 | 5  | 0.57 |
| Hawk Court         | 15 | 19 | 4  | 3 | 4 | 8  | 1.27 |
| Hawthorne Court    | 8  | 3  | 2  | 1 | 0 | 0  | 0.38 |
| Heather Way        | 18 | 11 | 1  | 0 | 2 | 8  | 0.61 |
| Helena Street      | 50 | 21 | 10 | 3 | 3 | 5  | 0.42 |
| Hemlock Court      | 7  | 11 | 5  | 0 | 3 | 3  | 1.57 |
| Henrietta Street   | 5  | 4  | 1  | 1 | 0 | 2  | 0.80 |
| Henry Street       | 13 | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Herbert Drive      | 52 | 30 | 8  | 5 | 7 | 10 | 0.58 |
| Heritage Court     | 4  | 2  | 0  | 0 | 1 | 1  | 0.50 |
| Hershey Road       | 38 | 17 | 5  | 4 | 2 | 6  | 0.45 |
| Heyward Court      | 20 | 8  | 2  | 1 | 2 | 3  | 0.40 |
| Hickory Drive      | 8  | 4  | 0  | 1 | 2 | 1  | 0.50 |
| High Point Road    | 16 | 13 | 8  | 1 | 3 | 1  | 0.81 |

|                    |     |     |    |    |    |    |      |
|--------------------|-----|-----|----|----|----|----|------|
| High Street        | 2   | 2   | 0  | 0  | 1  | 1  | 1.00 |
| Highland Street    | 23  | 15  | 6  | 3  | 3  | 3  | 0.65 |
| Highview Road      | 37  | 11  | 4  | 2  | 4  | 1  | 0.30 |
| Hillcrest Avenue   | 9   | 8   | 2  | 3  | 2  | 1  | 0.89 |
| Hillsdale Road     | 85  | 56  | 22 | 11 | 9  | 14 | 0.66 |
| Hillside Road      | 3   | 2   | 0  | 0  | 0  | 2  | 0.67 |
| Hilltop Boulevard  | 61  | 33  | 15 | 3  | 8  | 7  | 0.54 |
| Hillwood Road      | 33  | 17  | 4  | 1  | 7  | 5  | 0.52 |
| Hoffman Court      | 9   | 2   | 2  | 0  | 0  | 0  | 0.22 |
| Hollis Road        | 39  | 31  | 12 | 4  | 3  | 12 | 0.79 |
| Holly Road         | 1   | 0   | 0  | 0  | 0  | 0  | 0.00 |
| Honeysuckle Court  | 8   | 9   | 7  | 0  | 1  | 1  | 1.13 |
| Hopkinson Court    | 12  | 6   | 2  | 0  | 2  | 2  | 0.50 |
| Hudson Road        | 32  | 17  | 7  | 3  | 4  | 3  | 0.53 |
| Hunter Court       | 6   | 0   | 0  | 0  | 0  | 0  | 0.00 |
| Huntington Road    | 15  | 8   | 5  | 1  | 1  | 1  | 0.53 |
| Huron Court        | 14  | 4   | 4  | 0  | 0  | 0  | 0.29 |
| Hyde Park Drive    | 29  | 25  | 4  | 5  | 8  | 8  | 0.86 |
| Icker Avenue       | 22  | 7   | 4  | 1  | 0  | 2  | 0.32 |
| Independence Drive | 73  | 32  | 9  | 5  | 8  | 10 | 0.44 |
| Innes Road         | 19  | 8   | 4  | 2  | 0  | 2  | 0.42 |
| Inwood Drive       | 25  | 3   | 2  | 1  | 0  | 0  | 0.12 |
| Irene Court        | 8   | 6   | 2  | 1  | 0  | 3  | 0.75 |
| Iris Court         | 7   | 4   | 1  | 1  | 0  | 2  | 0.57 |
| Ivy Terrace        | 8   | 7   | 2  | 2  | 1  | 2  | 0.88 |
| Jackson Street     | 3   | 1   | 0  | 1  | 0  | 0  | 0.33 |
| James Road         | 15  | 7   | 3  | 0  | 0  | 4  | 0.47 |
| Jamestown Court    | 6   | 4   | 0  | 0  | 1  | 3  | 0.67 |
| Jamison Court      | 7   | 2   | 1  | 0  | 1  | 0  | 0.29 |
| Janet Court        | 9   | 1   | 0  | 0  | 0  | 1  | 0.11 |
| Jason Drive        | 15  | 6   | 2  | 0  | 1  | 3  | 0.40 |
| Jean Road          | 19  | 9   | 4  | 1  | 3  | 1  | 0.47 |
| Jefferson Road     | 13  | 14  | 5  | 0  | 4  | 5  | 1.08 |
| Jennifer Court     | 10  | 4   | 4  | 0  | 0  | 0  | 0.40 |
| Jensen Street      | 65  | 22  | 6  | 4  | 2  | 10 | 0.34 |
| Jernee Drive       | 45  | 25  | 8  | 3  | 1  | 13 | 0.56 |
| Joray Court        | 9   | 9   | 3  | 2  | 1  | 3  | 1.00 |
| Joseph Street      | 50  | 30  | 10 | 6  | 3  | 11 | 0.60 |
| Judith Court       | 4   | 3   | 1  | 1  | 0  | 1  | 0.75 |
| Karen Drive        | 6   | 0   | 0  | 0  | 0  | 0  | 0.00 |
| Kendall Road       | 25  | 13  | 8  | 1  | 1  | 3  | 0.52 |
| Kentisbury Circle  | 29  | 10  | 3  | 1  | 2  | 4  | 0.34 |
| Kerschner Lane     | 8   | 1   | 0  | 0  | 0  | 1  | 0.13 |
| Kevin Road         | 19  | 12  | 5  | 4  | 1  | 2  | 0.63 |
| Kings Road         | 30  | 19  | 4  | 3  | 5  | 7  | 0.63 |
| Kirklin Place      | 3   | 0   | 0  | 0  | 0  | 0  | 0.00 |
| Kossman Street     | 34  | 11  | 7  | 0  | 2  | 2  | 0.32 |
| Kraemer Court      | 28  | 18  | 10 | 2  | 2  | 4  | 0.64 |
| Kulesa Court       | 6   | 2   | 0  | 0  | 0  | 2  | 0.33 |
| La Rue Lane        | 75  | 43  | 12 | 9  | 10 | 12 | 0.57 |
| Lake Avenue        | 291 | 100 | 51 | 18 | 17 | 14 | 0.34 |



|                      |    |    |    |   |   |   |      |
|----------------------|----|----|----|---|---|---|------|
| Lakeside Drive       | 2  | 1  | 0  | 1 | 0 | 0 | 0.50 |
| Lakeview Avenue      | 5  | 0  | 0  | 0 | 0 | 0 | 0.00 |
| Landsdowne Road      | 36 | 27 | 11 | 3 | 6 | 7 | 0.75 |
| Langley Road         | 1  | 0  | 0  | 0 | 0 | 0 | 0.00 |
| Lantern Lane         | 12 | 9  | 4  | 2 | 1 | 2 | 0.75 |
| Laurel Lane          | 5  | 3  | 1  | 0 | 0 | 2 | 0.60 |
| Lauretta Drive       | 12 | 7  | 1  | 1 | 3 | 2 | 0.58 |
| Laurie Drive         | 17 | 10 | 4  | 1 | 1 | 4 | 0.59 |
| Lavender Way         | 7  | 2  | 0  | 1 | 1 | 0 | 0.29 |
| Lawrence Brook Drive | 24 | 10 | 7  | 0 | 0 | 3 | 0.42 |
| Lawry Court          | 20 | 8  | 5  | 1 | 1 | 1 | 0.40 |
| Lea Place            | 3  | 2  | 2  | 0 | 0 | 0 | 0.67 |
| Lear Court           | 65 | 8  | 3  | 1 | 1 | 3 | 0.12 |
| Lee Street           | 12 | 13 | 5  | 4 | 0 | 4 | 1.08 |
| Lefferts Court       | 3  | 2  | 1  | 1 | 0 | 0 | 0.67 |
| Leighton Drive       | 5  | 0  | 0  | 0 | 0 | 0 | 0.00 |
| Lenape Lane          | 7  | 3  | 3  | 0 | 0 | 0 | 0.43 |
| Lench Road           | 16 | 13 | 4  | 3 | 1 | 5 | 0.81 |
| Lennecke Lane        | 8  | 7  | 2  | 1 | 3 | 1 | 0.88 |
| Letts Court          | 16 | 7  | 4  | 0 | 1 | 2 | 0.44 |
| Lewis Court          | 13 | 5  | 4  | 1 | 0 | 0 | 0.38 |
| Liberty Bell Court   | 11 | 12 | 6  | 2 | 3 | 1 | 1.09 |
| Lilac Court          | 9  | 2  | 0  | 0 | 0 | 2 | 0.22 |
| Lincoln Avenue       | 24 | 13 | 9  | 3 | 0 | 1 | 0.54 |
| Linda Road           | 4  | 0  | 0  | 0 | 0 | 0 | 0.00 |
| Linden Avenue        | 2  | 0  | 0  | 0 | 0 | 0 | 0.00 |
| Lisa Court           | 8  | 3  | 2  | 1 | 0 | 0 | 0.38 |
| Livingston Court     | 12 | 7  | 3  | 2 | 1 | 1 | 0.58 |
| Lloyd Court          | 12 | 10 | 4  | 2 | 1 | 3 | 0.83 |
| Logan Boulevard      | 1  | 0  | 0  | 0 | 0 | 0 | 0.00 |
| Lois Avenue          | 75 | 31 | 15 | 4 | 4 | 8 | 0.41 |
| Lonczak Lane         | 11 | 10 | 0  | 3 | 3 | 4 | 0.91 |
| London Drive         | 33 | 16 | 10 | 1 | 2 | 3 | 0.48 |
| Longfield Court      | 66 | 19 | 7  | 4 | 5 | 3 | 0.29 |
| Lonnie Court         | 6  | 2  | 0  | 0 | 1 | 1 | 0.33 |
| Loren Terrace        | 3  | 3  | 2  | 0 | 0 | 1 | 1.00 |
| Lorraine Court       | 10 | 8  | 3  | 2 | 3 | 0 | 0.80 |
| Louise Drive         | 41 | 20 | 4  | 4 | 5 | 7 | 0.49 |
| Lucha Court          | 4  | 3  | 0  | 0 | 0 | 3 | 0.75 |
| Lycoming Lane        | 4  | 1  | 1  | 0 | 0 | 0 | 0.25 |
| Lynbrook Place       | 2  | 3  | 0  | 1 | 1 | 1 | 1.50 |
| Macintosh Court      | 5  | 5  | 1  | 2 | 1 | 1 | 1.00 |
| Madeline Avenue      | 27 | 9  | 5  | 0 | 1 | 3 | 0.33 |
| Madison Avenue       | 17 | 3  | 2  | 0 | 0 | 1 | 0.18 |
| Magee Court          | 28 | 20 | 8  | 3 | 3 | 6 | 0.71 |
| Magnolia Court       | 11 | 5  | 2  | 0 | 1 | 2 | 0.45 |
| Main Street          | 43 | 26 | 7  | 3 | 8 | 8 | 0.60 |
| Manahan Court        | 28 | 8  | 3  | 2 | 0 | 3 | 0.29 |
| Manor Place          | 6  | 4  | 0  | 1 | 2 | 1 | 0.67 |
| Mansfield Avenue     | 29 | 11 | 3  | 0 | 3 | 5 | 0.38 |
| Manton Avenue        | 12 | 13 | 4  | 2 | 2 | 5 | 1.08 |

|                   |     |     |    |    |    |    |      |
|-------------------|-----|-----|----|----|----|----|------|
| Maple Street      | 8   | 0   | 4  | 1  | 3  | 0  | 0.00 |
| Margaret Place    | 16  | 14  | 7  | 3  | 1  | 3  | 0.88 |
| Margie Road       | 11  | 5   | 5  | 0  | 0  | 0  | 0.45 |
| Marie Terrace     | 6   | 3   | 2  | 1  | 0  | 0  | 0.50 |
| Marietta Street   | 9   | 4   | 2  | 0  | 0  | 2  | 0.44 |
| Marion Street     | 2   | 0   | 0  | 0  | 0  | 0  | 0.00 |
| Marlow Road       | 20  | 15  | 6  | 6  | 2  | 1  | 0.75 |
| Marshall Road     | 4   | 4   | 0  | 2  | 1  | 1  | 1.00 |
| Martin Court      | 4   | 2   | 0  | 1  | 0  | 1  | 0.50 |
| Mason Avenue      | 20  | 12  | 6  | 2  | 1  | 3  | 0.60 |
| Massing Place     | 4   | 2   | 1  | 1  | 0  | 0  | 0.50 |
| Matthew Manor     | 4   | 6   | 3  | 2  | 0  | 1  | 1.50 |
| Maxwell Road      | 11  | 5   | 3  | 1  | 0  | 1  | 0.45 |
| May Road          | 2   | 0   | 0  | 0  | 0  | 0  | 0.00 |
| Mayfair Court     | 10  | 2   | 1  | 0  | 0  | 1  | 0.20 |
| McDowell Drive    | 102 | 38  | 18 | 6  | 6  | 8  | 0.37 |
| McGinnis Street   | 17  | 18  | 9  | 2  | 2  | 5  | 1.06 |
| McGuire Street    | 7   | 2   | 1  | 1  | 0  | 0  | 0.29 |
| McKinley Avenue   | 10  | 4   | 2  | 1  | 0  | 1  | 0.40 |
| Meade Court       | 44  | 10  | 5  | 3  | 1  | 1  | 0.23 |
| Meadow Road       | 26  | 12  | 5  | 2  | 1  | 4  | 0.46 |
| Meadowlark Lane   | 16  | 6   | 3  | 1  | 0  | 2  | 0.38 |
| Melanie Manor     | 19  | 5   | 2  | 1  | 1  | 1  | 0.26 |
| Melvin Avenue     | 9   | 5   | 3  | 0  | 0  | 2  | 0.56 |
| Memorial Drive    | 9   | 6   | 2  | 0  | 3  | 1  | 0.67 |
| Mercedes Road     | 6   | 3   | 0  | 1  | 2  | 0  | 0.50 |
| Mercer Road       | 2   | 3   | 1  | 0  | 0  | 2  | 1.50 |
| Merrill Avenue    | 66  | 27  | 13 | 3  | 3  | 8  | 0.41 |
| Messler Street    | 16  | 12  | 7  | 3  | 1  | 1  | 3.00 |
| Mihalichko Avenue | 10  | 10  | 5  | 1  | 2  | 2  | 1.00 |
| Miller Avenue     | 12  | 9   | 6  | 2  | 0  | 1  | 0.75 |
| Millman Avenue    | 12  | 9   | 4  | 0  | 2  | 3  | 0.75 |
| Milltown Road     | 145 | 102 | 40 | 23 | 11 | 28 | 0.70 |
| Milton Avenue     | 11  | 2   | 2  | 0  | 0  | 0  | 0.18 |
| Minute Man Court  | 5   | 3   | 0  | 0  | 0  | 3  | 0.60 |
| Mitchell Avenue   | 50  | 34  | 15 | 7  | 5  | 7  | 0.68 |
| Mohawk Court      | 7   | 2   | 1  | 1  | 0  | 0  | 0.29 |
| Moline Road       | 8   | 4   | 3  | 1  | 0  | 0  | 0.50 |
| Monroe Place      | 11  | 5   | 2  | 0  | 2  | 1  | 0.45 |
| Montclair Court   | 6   | 2   | 0  | 1  | 0  | 1  | 0.33 |
| Morgan Place      | 98  | 47  | 23 | 6  | 6  | 12 | 0.48 |
| Morris Court      | 16  | 10  | 3  | 3  | 1  | 3  | 0.63 |
| Morristown Drive  | 2   | 0   | 0  | 0  | 0  | 0  | 0.00 |
| Morton Court      | 12  | 2   | 0  | 0  | 1  | 1  | 0.17 |
| Mount Court       | 12  | 5   | 1  | 1  | 0  | 3  | 0.42 |
| Mudie Court       | 11  | 13  | 5  | 3  | 3  | 2  | 1.18 |
| Mundy Road        | 10  | 5   | 2  | 1  | 1  | 1  | 0.50 |
| Murray Street     | 1   | 2   | 1  | 1  | 0  | 0  | 2.00 |
| Musket Court      | 2   | 1   | 0  | 0  | 1  | 0  | 0.50 |
| Myron Place       | 7   | 3   | 2  | 0  | 1  | 0  | 0.43 |
| Myrtle Road       | 28  | 16  | 6  | 2  | 2  | 6  | 0.57 |
| N. Garden Terrace | 8   | 0   | 0  | 0  | 0  | 0  | 0.00 |

|                      |     |    |    |    |    |    |      |
|----------------------|-----|----|----|----|----|----|------|
| N. Nelson Circle     | 18  | 7  | 1  | 3  | 2  | 1  | 0.39 |
| N. Woodland Avenue   | 19  | 12 | 7  | 0  | 2  | 3  | 0.63 |
| Naricon Place        | 3   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Nathan Drive         | 3   | 4  | 0  | 0  | 2  | 2  | 1.33 |
| Navajo Road          | 17  | 3  | 1  | 0  | 0  | 2  | 0.18 |
| Neal Drive           | 15  | 8  | 5  | 0  | 2  | 1  | 0.53 |
| Nelson Circle        | 1   | 3  | 1  | 0  | 0  | 2  | 3.00 |
| Nenninger Lane       | 7   | 3  | 1  | 1  | 0  | 1  | 0.43 |
| New Brunswick Avenue | 42  | 22 | 9  | 3  | 4  | 6  | 0.52 |
| New Dover Road       | 23  | 10 | 4  | 0  | 3  | 3  | 0.43 |
| Newman Street        | 11  | 9  | 4  | 0  | 2  | 3  | 0.82 |
| Noel Lane            | 10  | 6  | 4  | 0  | 1  | 1  | 0.60 |
| Norman Court         | 9   | 6  | 2  | 1  | 0  | 3  | 0.67 |
| North Drive          | 41  | 18 | 9  | 5  | 2  | 2  | 0.44 |
| Northfield Avenue    | 30  | 17 | 7  | 1  | 2  | 7  | 0.57 |
| Norton Road          | 28  | 19 | 8  | 4  | 3  | 4  | 0.68 |
| Nottingham Drive     | 12  | 14 | 4  | 1  | 2  | 7  | 1.17 |
| Oak Crest Drive      | 40  | 13 | 1  | 2  | 3  | 7  | 0.33 |
| Oak Street           | 10  | 6  | 2  | 0  | 2  | 2  | 0.60 |
| Oakmont Avenue       | 12  | 6  | 3  | 0  | 1  | 2  | 0.50 |
| Obert Court          | 8   | 3  | 3  | 0  | 0  | 0  | 0.38 |
| Ogden Court          | 5   | 10 | 2  | 3  | 1  | 4  | 2.00 |
| Old Bridge Turnpike  | 153 | 83 | 26 | 11 | 19 | 27 | 0.54 |
| Old Stage Road       | 85  | 59 | 19 | 10 | 14 | 16 | 0.69 |
| Old Tennent Court    | 7   | 11 | 3  | 0  | 3  | 5  | 1.57 |
| Oliver Court         | 5   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Orchard Avenue       | 4   | 1  | 0  | 0  | 1  | 0  | 0.25 |
| Osprey Court         | 5   | 4  | 2  | 0  | 1  | 1  | 0.80 |
| Overhill Road        | 55  | 30 | 7  | 5  | 8  | 10 | 0.55 |
| Overland Road        | 12  | 8  | 3  | 1  | 2  | 2  | 0.67 |
| Overton Street       | 1   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Oxford Road          | 29  | 18 | 5  | 4  | 4  | 5  | 0.62 |
| Packard Road         | 14  | 5  | 1  | 1  | 1  | 2  | 0.36 |
| Paine Court          | 13  | 7  | 1  | 1  | 1  | 4  | 0.54 |
| Palmer Court         | 5   | 3  | 1  | 0  | 1  | 1  | 0.60 |
| Palombi Court        | 90  | 36 | 15 | 7  | 3  | 11 | 0.40 |
| Pamela Road          | 7   | 3  | 2  | 0  | 1  | 0  | 0.43 |
| Park Knoll Drive     | 52  | 26 | 7  | 4  | 4  | 11 | 0.50 |
| Park Place           | 14  | 8  | 5  | 1  | 0  | 2  | 0.57 |
| Parker Street        | 19  | 6  | 3  | 0  | 1  | 2  | 0.32 |
| Parsons Road         | 21  | 16 | 9  | 4  | 0  | 3  | 0.76 |
| Patricia Street      | 9   | 3  | 2  | 0  | 0  | 1  | 0.33 |
| Patrick Street       | 5   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Patriot Court        | 7   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Patton Drive         | 46  | 30 | 14 | 3  | 4  | 9  | 0.65 |
| Paul Street          | 7   | 6  | 3  | 2  | 1  | 0  | 0.86 |
| Pawnee Road          | 18  | 12 | 4  | 2  | 3  | 3  | 0.67 |
| Peach Orchard Drive  | 41  | 22 | 5  | 6  | 5  | 6  | 0.54 |

|                   |     |    |    |   |   |    |      |
|-------------------|-----|----|----|---|---|----|------|
| Pearl Road        | 21  | 11 | 5  | 1 | 2 | 3  | 0.52 |
| Peggy Road        | 23  | 11 | 5  | 2 | 1 | 3  | 0.48 |
| Pelham Place      | 23  | 17 | 4  | 4 | 3 | 6  | 0.74 |
| Pennsbury Place   | 74  | 46 | 20 | 6 | 5 | 15 | 0.62 |
| Penny Court       | 5   | 7  | 3  | 1 | 1 | 2  | 1.40 |
| Periwinkle Court  | 9   | 3  | 1  | 1 | 0 | 1  | 0.33 |
| Perrine Court     | 4   | 2  | 2  | 0 | 0 | 0  | 0.50 |
| Perry Road        | 19  | 12 | 5  | 1 | 3 | 3  | 0.63 |
| Persimmon Court   | 9   | 5  | 2  | 1 | 1 | 1  | 0.56 |
| Petty Avenue      | 3   | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Phyliss Place     | 14  | 13 | 3  | 2 | 4 | 4  | 0.93 |
| Pich Court        | 2   | 1  | 0  | 0 | 0 | 1  | 0.50 |
| Pierce Court      | 4   | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Pilgrim Run       | 21  | 8  | 2  | 2 | 4 | 0  | 0.38 |
| Pine Meadow Court | 9   | 11 | 5  | 1 | 3 | 2  | 1.22 |
| Pine Ridge Drive  | 35  | 25 | 6  | 1 | 5 | 13 | 0.71 |
| Pine Street       | 14  | 16 | 4  | 6 | 2 | 4  | 1.14 |
| Pinehill Court    | 11  | 14 | 10 | 2 | 1 | 1  | 1.27 |
| Pitt Road         | 12  | 7  | 2  | 1 | 0 | 4  | 0.58 |
| Plum Tree Court   | 6   | 3  | 0  | 1 | 0 | 2  | 0.50 |
| Plymouth Lane     | 13  | 8  | 3  | 1 | 1 | 3  | 0.62 |
| Prescott Road     | 10  | 7  | 1  | 4 | 1 | 1  | 0.70 |
| Preston Road      | 18  | 7  | 2  | 2 | 1 | 2  | 0.39 |
| Prigmore Street   | 37  | 23 | 8  | 7 | 3 | 5  | 0.62 |
| Primrose Lane     | 16  | 11 | 2  | 3 | 1 | 5  | 0.69 |
| Prince Road       | 17  | 7  | 2  | 2 | 0 | 3  | 0.41 |
| Princeton Court   | 11  | 5  | 1  | 3 | 0 | 1  | 0.45 |
| Puritan Road      | 6   | 3  | 1  | 2 | 0 | 0  | 0.50 |
| Putnam Road       | 17  | 12 | 7  | 1 | 0 | 4  | 0.71 |
| Quaker Drive      | 17  | 10 | 4  | 2 | 1 | 3  | 0.59 |
| Queens Road       | 17  | 11 | 6  | 2 | 1 | 2  | 0.65 |
| Quincy Road       | 11  | 5  | 0  | 1 | 0 | 4  | 0.45 |
| Race Track Road   | 34  | 26 | 11 | 4 | 5 | 6  | 0.76 |
| Rachel Drive      | 10  | 0  | 0  | 0 | 0 | 0  | 0.00 |
| Ranger Road       | 8   | 3  | 1  | 0 | 1 | 1  | 0.38 |
| Rath Lane         | 36  | 16 | 6  | 3 | 1 | 6  | 0.44 |
| Raven Court       | 8   | 5  | 3  | 2 | 0 | 0  | 0.63 |
| Rebel Run Drive   | 23  | 21 | 8  | 3 | 1 | 9  | 0.91 |
| Red Coat Drive    | 26  | 8  | 5  | 2 | 0 | 1  | 0.31 |
| Redberry Court    | 5   | 1  | 1  | 0 | 0 | 0  | 0.20 |
| Reider Court      | 8   | 3  | 1  | 0 | 1 | 1  | 0.38 |
| Revere Court      | 3   | 2  | 0  | 0 | 1 | 1  | 0.67 |
| Revock Road       | 24  | 16 | 3  | 6 | 2 | 5  | 0.67 |
| Rice Run          | 51  | 28 | 13 | 5 | 3 | 7  | 0.55 |
| Richard Road      | 12  | 9  | 3  | 1 | 3 | 2  | 0.75 |
| Ridge Court       | 7   | 3  | 2  | 0 | 0 | 1  | 0.43 |
| Riva Avenue       | 103 | 43 | 21 | 3 | 7 | 12 | 0.42 |
| River Road        | 27  | 19 | 8  | 4 | 4 | 3  | 0.70 |
| Robin Court       | 4   | 4  | 2  | 0 | 1 | 1  | 1.00 |
| Rodney Road       | 20  | 9  | 2  | 1 | 3 | 3  | 0.45 |
| Rogers Circle     | 6   | 3  | 1  | 0 | 1 | 1  | 0.50 |

|                    |     |    |    |   |    |    |      |
|--------------------|-----|----|----|---|----|----|------|
| Rolling Road       | 24  | 15 | 2  | 4 | 2  | 7  | 0.63 |
| Rooney Court       | 48  | 23 | 13 | 1 | 4  | 5  | 0.48 |
| Roosevelt Avenue   | 29  | 13 | 5  | 2 | 4  | 2  | 0.45 |
| Rosemary Road      | 6   | 3  | 0  | 1 | 1  | 1  | 0.50 |
| Ross Court         | 13  | 3  | 0  | 1 | 1  | 1  | 0.23 |
| Rowan Court        | 14  | 10 | 4  | 2 | 0  | 4  | 0.71 |
| Rues Lane          | 100 | 51 | 26 | 7 | 8  | 10 | 0.51 |
| Rush Court         | 10  | 3  | 2  | 0 | 0  | 1  | 0.30 |
| Russel Road        | 3   | 2  | 1  | 0 | 1  | 0  | 0.67 |
| Russell Street     | 1   | 0  | 0  | 0 | 0  | 0  | 0.00 |
| Rutgers Road       | 2   | 0  | 0  | 0 | 0  | 0  | 0.00 |
| Ruth Street        | 4   | 2  | 1  | 1 | 0  | 0  | 0.50 |
| Rutledge Court     | 20  | 5  | 1  | 0 | 0  | 4  | 0.25 |
| Ryders Lane        | 111 | 64 | 23 | 7 | 10 | 24 | 0.58 |
| S. Nelson Circle   | 17  | 11 | 6  | 1 | 2  | 2  | 0.65 |
| S. Woodland Avenue | 16  | 9  | 6  | 1 | 2  | 0  | 0.56 |
| Sadowski Street    | 19  | 13 | 6  | 1 | 2  | 4  | 0.68 |
| Safran Avenue      | 2   | 2  | 2  | 0 | 0  | 0  | 1.00 |
| Sagamore Lane      | 13  | 4  | 2  | 0 | 1  | 1  | 0.31 |
| Salem Road         | 17  | 6  | 3  | 0 | 1  | 2  | 0.35 |
| Salt Meadow Road   | 6   | 2  | 2  | 0 | 0  | 0  | 0.33 |
| Sand Road          | 18  | 20 | 12 | 3 | 3  | 2  | 1.11 |
| Sandalwood Drive   | 42  | 27 | 13 | 4 | 1  | 9  | 0.64 |
| Sandra Road        | 15  | 12 | 2  | 2 | 2  | 6  | 0.80 |
| Sanford Road       | 18  | 10 | 2  | 1 | 4  | 3  | 0.56 |
| Saratoga Court     | 12  | 12 | 5  | 2 | 1  | 4  | 1.00 |
| Schindler Court    | 10  | 4  | 2  | 0 | 2  | 0  | 0.40 |
| Schoolhouse Lane   | 18  | 13 | 3  | 2 | 2  | 6  | 0.72 |
| Scott Drive        | 13  | 3  | 0  | 1 | 0  | 2  | 0.23 |
| Seminole Court     | 11  | 2  | 0  | 1 | 0  | 1  | 0.18 |
| Serviss Avenue     | 17  | 8  | 3  | 1 | 1  | 3  | 0.47 |
| Shady Lane         | 9   | 7  | 0  | 3 | 1  | 3  | 0.78 |
| Sheffield Court    | 20  | 6  | 3  | 2 | 0  | 1  | 0.30 |
| Sheridan Avenue    | 18  | 9  | 4  | 0 | 1  | 4  | 0.50 |
| Sherman Avenue     | 14  | 1  | 0  | 0 | 1  | 0  | 0.07 |
| Sherry Road        | 22  | 13 | 5  | 2 | 1  | 5  | 0.59 |
| Sherwood Avenue    | 39  | 12 | 7  | 1 | 2  | 2  | 0.31 |
| Shetland Road      | 34  | 12 | 4  | 3 | 1  | 4  | 0.35 |
| Silvester Court    | 10  | 4  | 2  | 0 | 1  | 1  | 0.40 |
| Sixth Street       | 5   | 0  | 0  | 0 | 0  | 0  | 0.00 |
| Smiths Lane        | 9   | 0  | 0  | 0 | 0  | 0  | 0.00 |
| Snowbell Court     | 8   | 2  | 1  | 0 | 0  | 1  | 0.25 |
| Snowden Road       | 16  | 8  | 5  | 0 | 3  | 0  | 0.50 |
| South Drive        | 42  | 9  | 6  | 0 | 1  | 2  | 0.21 |
| Southerland Drive  | 14  | 4  | 1  | 1 | 1  | 1  | 0.29 |
| Spencer Court      | 8   | 5  | 3  | 0 | 1  | 1  | 0.63 |
| Springfield Road   | 11  | 9  | 3  | 3 | 2  | 1  | 0.82 |
| Spruce Drive       | 6   | 1  | 0  | 0 | 0  | 1  | 0.17 |
| Squire Street      | 7   | 2  | 1  | 1 | 0  | 0  | 0.29 |
| St. Georges Road   | 19  | 16 | 4  | 4 | 2  | 6  | 0.84 |
| Stage Coach Run    | 8   | 7  | 0  | 3 | 0  | 4  | 0.88 |

|                    |    |    |    |    |    |    |      |
|--------------------|----|----|----|----|----|----|------|
| Stanley Road       | 7  | 4  | 0  | 0  | 1  | 3  | 0.57 |
| Starkin Road       | 18 | 10 | 5  | 0  | 2  | 3  | 0.56 |
| Starr Road         | 15 | 13 | 6  | 2  | 3  | 2  | 0.87 |
| State Route 18     | 11 | 19 | 12 | 2  | 3  | 2  | 1.73 |
| Stearns Road       | 25 | 13 | 9  | 1  | 0  | 3  | 0.52 |
| Steelex Road       | 2  | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Stella Court       | 4  | 1  | 1  | 0  | 0  | 0  | 0.25 |
| Stephens Drive     | 23 | 14 | 4  | 2  | 2  | 6  | 0.61 |
| Sterling Court     | 10 | 4  | 1  | 1  | 0  | 2  | 0.40 |
| Stockton Court     | 13 | 1  | 0  | 0  | 1  | 0  | 0.08 |
| Stone Court        | 20 | 8  | 5  | 1  | 0  | 2  | 0.40 |
| Stout Court        | 13 | 8  | 1  | 2  | 1  | 4  | 0.62 |
| Stratford Road     | 65 | 42 | 11 | 10 | 10 | 11 | 0.65 |
| Stuart Drive       | 16 | 6  | 2  | 3  | 1  | 0  | 0.38 |
| Stults Lane        | 60 | 24 | 10 | 3  | 4  | 7  | 0.40 |
| Sudbury Court      | 20 | 7  | 2  | 1  | 1  | 3  | 0.35 |
| Sullivan Way       | 40 | 20 | 6  | 4  | 4  | 6  | 0.50 |
| Summerhill Road    | 48 | 25 | 14 | 5  | 1  | 5  | 0.52 |
| Sunset Boulevard   | 21 | 15 | 6  | 2  | 4  | 3  | 0.71 |
| Surrey Lane        | 21 | 13 | 8  | 2  | 3  | 0  | 0.62 |
| Susan Lane         | 34 | 27 | 13 | 4  | 1  | 9  | 0.79 |
| Sussex Road        | 19 | 8  | 2  | 1  | 2  | 3  | 0.42 |
| Swallow Court      | 5  | 11 | 5  | 3  | 1  | 2  | 2.20 |
| Sycamore Street    | 1  | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Taft Place         | 6  | 3  | 0  | 0  | 1  | 2  | 0.50 |
| Tall Oaks Drive    | 77 | 51 | 20 | 11 | 7  | 13 | 0.66 |
| Tanglewood Lane    | 19 | 11 | 1  | 1  | 4  | 5  | 0.58 |
| Terry Lane         | 20 | 6  | 4  | 1  | 1  | 0  | 0.30 |
| Theodore Drive     | 18 | 18 | 13 | 3  | 1  | 1  | 1.00 |
| Third Street       | 5  | 5  | 2  | 2  | 0  | 1  | 1.00 |
| Thom Court         | 10 | 6  | 2  | 2  | 1  | 1  | 0.60 |
| Thomas Road        | 26 | 5  | 3  | 0  | 1  | 1  | 0.19 |
| Thornton Court     | 12 | 4  | 4  | 0  | 0  | 0  | 0.33 |
| Thrush Drive       | 22 | 12 | 4  | 2  | 2  | 4  | 0.55 |
| Tices Lane         | 22 | 11 | 5  | 2  | 1  | 3  | 0.50 |
| Timber Road        | 31 | 23 | 9  | 3  | 7  | 4  | 0.74 |
| Timothy Lane       | 16 | 9  | 3  | 1  | 1  | 4  | 0.56 |
| Tompkins Road      | 29 | 9  | 1  | 1  | 2  | 5  | 0.31 |
| Topor Road         | 11 | 9  | 3  | 1  | 2  | 3  | 0.82 |
| Tracy Drive        | 7  | 3  | 1  | 0  | 0  | 2  | 0.43 |
| Treat Lane         | 16 | 9  | 1  | 3  | 4  | 1  | 0.56 |
| Tremblay Road      | 11 | 11 | 5  | 3  | 1  | 2  | 1.00 |
| Troy Court         | 12 | 4  | 2  | 0  | 1  | 1  | 0.33 |
| Tunison Court      | 10 | 2  | 1  | 1  | 0  | 0  | 0.20 |
| Tutor Place        | 17 | 8  | 6  | 1  | 0  | 1  | 0.47 |
| University Road    | 45 | 26 | 9  | 5  | 4  | 8  | 0.58 |
| Vale Court         | 6  | 4  | 0  | 2  | 0  | 2  | 0.67 |
| Valiant Road       | 24 | 15 | 8  | 3  | 2  | 2  | 0.63 |
| Valley Forge Drive | 59 | 32 | 16 | 6  | 3  | 7  | 0.54 |
| Van Arsdale Court  | 8  | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Van Hise Court     | 21 | 10 | 2  | 3  | 1  | 4  | 0.48 |
| Van Liew Court     | 16 | 8  | 5  | 1  | 0  | 2  | 0.50 |

|                    |     |    |    |    |    |    |      |
|--------------------|-----|----|----|----|----|----|------|
| Van Pelt Court     | 37  | 19 | 11 | 1  | 0  | 7  | 0.51 |
| Van Wickle Road    | 23  | 8  | 1  | 1  | 0  | 6  | 0.35 |
| Vanderwater Court  | 17  | 7  | 0  | 3  | 3  | 1  | 0.41 |
| Vauxhall Road      | 18  | 9  | 1  | 1  | 2  | 5  | 0.50 |
| Viburnum Court     | 7   | 1  | 1  | 0  | 0  | 0  | 0.14 |
| Victory Place      | 56  | 33 | 17 | 6  | 4  | 6  | 0.59 |
| Vincent Court      | 8   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Violet Court       | 16  | 10 | 6  | 0  | 1  | 3  | 0.63 |
| Vista Court        | 8   | 12 | 5  | 4  | 2  | 1  | 1.50 |
| Vreeland Court     | 14  | 15 | 6  | 2  | 2  | 5  | 1.07 |
| W. Amherst Street  | 26  | 16 | 7  | 4  | 2  | 3  | 0.62 |
| W. Prospect Street | 4   | 1  | 1  | 0  | 0  | 0  | 0.25 |
| W. Waverly Drive   | 8   | 3  | 1  | 0  | 1  | 1  | 0.38 |
| W. Zoller Road     | 18  | 11 | 3  | 2  | 1  | 5  | 0.61 |
| Walker Street      | 8   | 1  | 0  | 0  | 1  | 0  | 0.13 |
| Wallace Street     | 11  | 10 | 3  | 2  | 1  | 4  | 0.91 |
| Walnut Street      | 2   | 0  | 0  | 0  | 0  | 0  | 0.00 |
| Walton Court       | 18  | 11 | 1  | 5  | 3  | 2  | 0.61 |
| Warwick Road       | 3   | 3  | 3  | 0  | 0  | 0  | 1.00 |
| Washington Avenue  | 10  | 1  | 0  | 0  | 0  | 1  | 0.10 |
| Watchung Road      | 17  | 14 | 8  | 2  | 1  | 3  | 0.82 |
| Wedgewood Court    | 12  | 8  | 2  | 1  | 3  | 2  | 0.67 |
| Wellington Road    | 70  | 50 | 19 | 10 | 10 | 11 | 0.71 |
| Welsh Court        | 11  | 6  | 4  | 1  | 0  | 1  | 0.55 |
| Westons Mill Road  | 13  | 6  | 2  | 1  | 2  | 1  | 0.46 |
| Westwood Road      | 14  | 6  | 1  | 2  | 2  | 1  | 0.43 |
| White Oak Road     | 2   | 3  | 1  | 0  | 1  | 1  | 1.50 |
| Whitehall Road     | 43  | 30 | 11 | 5  | 6  | 8  | 0.70 |
| Whitney Court      | 20  | 8  | 3  | 1  | 1  | 3  | 0.40 |
| Wick Road          | 17  | 3  | 2  | 0  | 0  | 1  | 0.18 |
| Williams Court     | 29  | 12 | 3  | 1  | 2  | 6  | 0.41 |
| Williamsburg Court | 14  | 9  | 3  | 2  | 1  | 3  | 0.64 |
| Willis Court       | 17  | 18 | 6  | 4  | 4  | 4  | 1.06 |
| Willow Street      | 70  | 49 | 20 | 8  | 5  | 16 | 0.70 |
| Wilmot Street      | 33  | 23 | 10 | 6  | 3  | 4  | 0.70 |
| Wilson Court       | 19  | 20 | 5  | 7  | 1  | 7  | 1.05 |
| Winchester Drive   | 15  | 14 | 2  | 4  | 4  | 4  | 0.93 |
| Windbeam Court     | 9   | 4  | 3  | 0  | 1  | 0  | 0.44 |
| Windbeam Court     | 9   | 4  | 3  | 0  | 1  | 0  | 0.44 |
| Windsong Circle    | 160 | 99 | 60 | 14 | 14 | 11 | 0.62 |
| Windsor Drive      | 35  | 23 | 10 | 4  | 3  | 6  | 0.66 |
| Winesap Drive      | 14  | 18 | 9  | 4  | 1  | 4  | 1.29 |
| Winslow Avenue     | 13  | 2  | 2  | 0  | 0  | 0  | 0.15 |
| Winterberry Court  | 11  | 4  | 2  | 0  | 1  | 1  | 0.36 |
| Winton Road        | 36  | 24 | 12 | 5  | 3  | 4  | 0.67 |
| Wolff Avenue       | 13  | 5  | 0  | 2  | 2  | 1  | 0.38 |
| Woodlot Road       | 12  | 8  | 3  | 1  | 0  | 4  | 0.67 |
| Woods Circle       | 5   | 2  | 0  | 0  | 1  | 1  | 0.40 |
| Wooten Court       | 24  | 15 | 6  | 3  | 4  | 2  | 0.63 |
| Wright Court       | 12  | 6  | 1  | 2  | 2  | 1  | 0.50 |
| Yale Court         | 6   | 6  | 3  | 1  | 1  | 1  | 1.00 |



|                               |               |              |              |              |              |              |      |
|-------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|------|
| Yates Drive                   | 8             | 2            | 1            | 0            | 1            | 0            | 0.25 |
| Yorktown Road                 | 55            | 40           | 15           | 5            | 9            | 11           | 0.73 |
| <b>Total</b>                  | <b>15,163</b> | <b>7,868</b> | <b>3,177</b> | <b>1,298</b> | <b>1,259</b> | <b>2,140</b> |      |
| <b>Overall Student Yields</b> |               | <b>0.52</b>  | <b>0.21</b>  | <b>0.09</b>  | <b>0.08</b>  | <b>0.14</b>  |      |

**Notes:** Streets shaded blue contain townhouses/condos

Streets containing age-restricted units were excluded.

<sup>1</sup>Includes only homes with 1-4 units

<sup>2</sup>Based on 2013-14 enrollment