

# **Demographic and Enrollment Study**

**prepared for**

**The Port Washington Union Free School District**

**by**

**Ross Haber and Associates**

**October, 2014**

# **Port Washington Union Free School District**

## **Demographic and Enrollment Projection Study**

### **Introduction**

The Port Washington Union Free School District has engaged Ross Haber Associates to provide a demographic and enrollment projection study. The Port Washington Schools comprise five (5) K-5 elementary schools, one (1) intermediate school (grades 6-8) and one (1) high school housing grades 9-12. In addition the District provides a pre-kindergarten program which is located in the John Daly Elementary School. The Port Washington Schools serve the Villages of Port Washington North, Baxter Estates, Sand Point, Manorhaven and a small section of Flower Hill. The District has shown, during the past six years an increase in enrollment and the projections show that this growth will continue through the five-year projection presented in this report.

### **Executive Summary**

1. The K-12 enrollment, excluding pre-school and self-contained special education students, grew from 4,974 in 2009-10 to 5,110 in 2014-15. This is an increase of 136 students or approximately 2.7%. This enrollment is projected to increase from the current 5,110 to 5,361 in 2019-20. This is a projected increase of 251 students or approximately 4.7%.
2. The total enrollment, including pre-school and self-contained special education students grew from 5,148 in 2009-10 to 5,253 in 2014-15. This is an increase of 105 students or approximately 2%. The total enrollment is projected to increase from the current 5,253 to 5,504 in 2019-20. This is a projected increase of 251 students or approximately 4.6%.
3. The K-5 enrollment increased from 2,302 in 2009-10 to 2,383 in 2014-15. This is an increase of 81 students or approximately 3.4%. The K-5 enrollment is projected to increase from the current 2,383 to 2,465 in 2019-20. This is an increase of 82 students or approximately 3.3%.
4. The middle school enrollment grew from 1,116 in 2009-10 to 1,170 in 2019-20. This is an increase of 54 students or approximately 4.6%. The middle school

enrollment is projected to increase from the current 1,170 to 1,250 in 2019-20.

This is an increase of 80 students or approximately 6.4%.

5. The high school enrollment was virtually stable from the 2009-10 school year through the 2014-15 school year (1,556 to 1,557). The high school enrollment is projected to increase from the current 1,557 to 1,646 in 2019-20. This is an increase of 89 students or approximately 5.4%.

The enrollment in the Port Washington Schools has shown an upward trend during the past six years. The projection shows that this trend will continue through the 2019-20 school year.

### General Demographics

The following tables provide information regarding several key demographic factors. It compares data from the villages comprising the Port Washington Schools with those of Nassau County and the State of New York.<sup>1</sup>

**Table 1: General Demographics Nassau County**

| Nassau County |           |           |          |         |
|---------------|-----------|-----------|----------|---------|
|               | 2000      | 2012      | Diff     | Percent |
| Population    | 1,334,544 | 1,339,532 | 4,988    | 0.37%   |
| Median Age    | 38.50     | 42.20     | 3.70     | 9.61%   |
| Housing       | 458,151   | 467,416   | 9265     | 2.02%   |
| Median Income | \$72,030  | \$97,049  | \$25,019 | 34.73%  |
| Mean Income   | \$93,100  | \$125,304 | \$32,204 | 34.59%  |

**Table 2: General Demographics New York State**

| State of New York |            |            |          |         |
|-------------------|------------|------------|----------|---------|
|                   | 2000       | 2012       | Diff     | Percent |
| Population        | 18,976,457 | 19,378,102 | 401,645  | 2.12%   |
| Median Age        | 35.90      | 36.30      | 0.40     | 1.11%   |
| Housing           | 7,679,307  | 8,108,103  | 428,796  | 5.58%   |
| Median Income     | \$43,393   | \$57,683   | \$14,290 | 32.93%  |
| Mean Income       | \$64,102   | \$83,578   | \$19,476 | 30.38%  |

Tables 1 and 2 compare selected demographic indicators between Nassau County and the State of New York. The next set of tables show these key indicators for each of the

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<sup>1</sup> The data from the following tables is from the US Department of Census; American Factfinder II.

villages making up the Port Washington Schools (the Village of Flower Hill is excluded because only a small percentage of that population attends the Port Washington Schools).

**Table 3: Baxter Estates**

| <b>Baxter Estates</b> |           |           |          |         |
|-----------------------|-----------|-----------|----------|---------|
|                       | 2000      | 2012      | Diff     | Percent |
| Population            | 1,006     | 999       | -7       | -0.70%  |
| Median Age            | 39.30     | 42.80     | 3.50     | 8.91%   |
| Housing               | 376       | 382       | 6        | 1.60%   |
| Median Income         | \$84,592  | \$114,286 | \$29,694 | 35.10%  |
| Mean Income           | \$109,445 | \$194,496 | \$85,051 | 77.71%  |

The general population in Baxter Estates showed a marginal decline between 2000 and 2012. There were very few new homes added to the Village (Baxter Estates has little or no open land available for new housing). The median age increased by three and one half years in that period. As the median age increases the birth rate decreases meaning that there are fewer children introduced into the school system from existing residents in the District. It appears that what is happening in Baxter Estates is reasonably consistent with Nassau County, however, the data does show that Baxter Estates is generally older, with less development and with more wealth than the State of New York.

**Table 4: Port Washington North**

| <b>Port Washington North</b> |           |           |          |         |
|------------------------------|-----------|-----------|----------|---------|
|                              | 2000      | 2012      | Diff     | Percent |
| Population                   | 2,700     | 3,130     | 430      | 15.93%  |
| Median Age                   | 41.10     | 44.90     | 3.80     | 9.25%   |
| Housing                      | 1,063     | 1,088     | 25       | 2.35%   |
| Median Income                | \$89,287  | \$106,384 | \$17,097 | 19.15%  |
| Mean Income                  | \$119,432 | \$147,620 | \$28,188 | 23.60%  |

The general population in Port Washington North grew substantially between 2000 and 2012. The growth in both population and in new housing exceeded both the County and the State in percentage increase. The median and mean income also increased substantially in that time period. The median age increased by 3.9 years and, as with Baxter Estates this is indicative of a lower fertility rate which also reflects on a lower birth rate. Thus, few children are coming into the District from existing residents; however, increases in the population of younger children may be from families moving in with children of school age.

**Table 5: Manorhaven**

| <b>Manorhaven</b>    |             |                 |                 |                |
|----------------------|-------------|-----------------|-----------------|----------------|
|                      | <b>2000</b> | <b>2012</b>     | <b>Diff</b>     | <b>Percent</b> |
| <b>Population</b>    | 6,138       | 6,533           | 395             | 6.44%          |
| <b>Median Age</b>    | 36.70       | 39.40           | 2.70            | 7.36%          |
| <b>Household</b>     | 2,401       | 2,704           | 303             | 12.62%         |
| <b>Median Income</b> | \$61,474    | \$67,883        | \$6,409         | 10.43%         |
| <b>Mean Income</b>   | \$92,742    | <b>\$85,265</b> | <b>-\$7,477</b> | -8.06%         |

Table 5 shows that the population in Manorhaven increased between 2000 and 2012 at a rate higher than both the State and the County. The median ages increased by 2.7 years and the number of housing units increased substantially and at a higher rate than both the State and the County. The median income increased but a rate lower than both the State and the County and the mean income actually decreased by slightly over 8% which is substantially lower than both the State and County and is lower than the other three Villages. The lower median age may indicate that more students are being born to existing residents in Manorhaven than are being born in the other Villages.

**Table 6: Sands Point**

| <b>Sands Point</b>   |             |             |             |                |
|----------------------|-------------|-------------|-------------|----------------|
|                      | <b>2000</b> | <b>2012</b> | <b>Diff</b> | <b>Percent</b> |
| <b>Population</b>    | 2,786       | 2,684       | -102        | -3.66%         |
| <b>Median Age</b>    | 42.40       | 48.20       | 5.80        | 13.68%         |
| <b>Housing</b>       | 878         | 924         | 46          | 5.24%          |
| <b>Median Income</b> | \$200,001   | \$214,500   | \$14,499    | 7.25%          |
| <b>Mean Income</b>   | \$249,181   | \$363,038   | \$113,857   | 45.69%         |

The overall population of Sands Point decreased between 2000 and 2012. The total number of housing units increased in that time period however because of zoning restrictions in Sands Point there is little room for any large scale housing developments. The median age in Sands Point increased by almost 6 years in that time period and it is unlikely that any significant number of students from existing residential units will be impacting the schools.

The demographic analysis indicates that the total population of Port Washington has increased between the 2000 census and the updates of 2012. In addition while there has been an increase in the number of housing units (these exclude any age restricted housing) the overall increase has been at a lesser rate than both the County and the State. The community has gotten

somewhat older as indicated by an increased median age. Finally, for the most part, the relative wealth of the villages comprising Port Washington has increased.

## **Methodology**

This study employs a modified cohort survival approach to projection. The cohort survival method bases projections on a six-year history of student enrollment in the school district.<sup>2</sup> Essentially it traces students as they move from grade to grade and develops a growth/decline ratio, for example, in 2012-13 there were 361 first grade students District-wide. When these students became second graders in 2013-14 there were 383 students.<sup>3</sup> The growth ratio was 1.06 ( $383/361 - 1 = 1.06$ ). This is averaged for a period of six years (in this example the average growth between first and second grade was 1.01). This average ratio is then applied to the current enrollment of grade 1 and it is used to project future first grade enrollment (current grade 1 = 410. This is multiplied by 1.1 to project 416 students in the 2015-16 school year in second grade.

Projecting kindergarten enrollment may be done using two different methods. The standard method is to use birth rate five years prior to student entering kindergarten (students born in 2004 became kindergarten students in 2009-10. As with movement from grade to grade a five-average is created between birth and kindergarten. This average is then applied to all subsequent birth years. In table 8, for example, if this method were used the birth rate to project 2015-16 kindergarten would be derived by multiplying 313 (children who were born and were recorded as Port Washington residents) by the ratio to obtain the kindergarten projection.

While the birth to kindergarten method is commonly used our analysis of past studies we have done clearly show that in communities where people tend to move in with school aged children this method significantly under projects kindergarten enrollment. Our method is to do a moving average of previous kindergarten enrollment and use that moving average to project future enrollment. We have employed this method in this study. Please note that we used a three year moving average because the 2011-12 enrollment was significantly lower than the other years and would have skewed the projection.<sup>4</sup>

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<sup>2</sup> Historical enrollment provided by the school District based upon BEDS Day enrollment.

<sup>3</sup> See table 8

<sup>4</sup> Birth data is from the New York State Department of Health, Vital Statistics, Births by School District

One other consideration in providing projections is to determine how much new residential housing may be approved for construction and how this could potentially impact enrollment in the District.

**Table 7: Housing Permits Issued**

|                       | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Total |
|-----------------------|------|------|------|------|------|------|-------|
| Baxter Estates        | 0    | 0    | 0    | 2    | 0    | 0    | 2     |
| Manorhaven            | 4    | 0    | 2    | 10   | 7    | 10   | 33    |
| Port Washington North | 1    | 0    | 6    | 0    | 0    | 0    | 7     |
| Sands Point           | 0    | 0    | 2    | 2    | 2    | 2    | 8     |
| Total                 | 5    | 0    | 10   | 14   | 9    | 12   | 50    |

Table 7 shows the number of permits issued, by Village, for new construction in the Villages.<sup>5</sup> The United States Department of the Census requires that municipalities report the number of permits issued for new housing construction be reported on a monthly basis. Table 7 shows the total number of permits issued between 2009 (annual) and September, 2014 last date reported. On the assumption that most of the construction through 2013 has been completed and that only 12 have been issued through September, 2014 it is our opinion that new housing will have little impact on future enrollment.

In checking with the building departments in each of the Villages there was no indication of any large scale construction on the books at the present time.

It would appear that the majority of new students entering the Port Washington Schools are coming from the sales of new housing stock. As of September, 2014 there were approximately 291 homes for sale in the 11050 zip code. Between February and August, 2014 approximately 96 homes were sold which is an average of almost 14 per month. Based upon this figure it can be estimated that approximately 168 homes are sold annually (variables include mortgage rates, market values, general economy). It is also important to note that not all home sales include families with children and that there will be some students moving out of the District. The cohort survival method does account for students moving in and out of the school District each year.

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<sup>5</sup> United States Department of the Census

## **Tables and Charts**

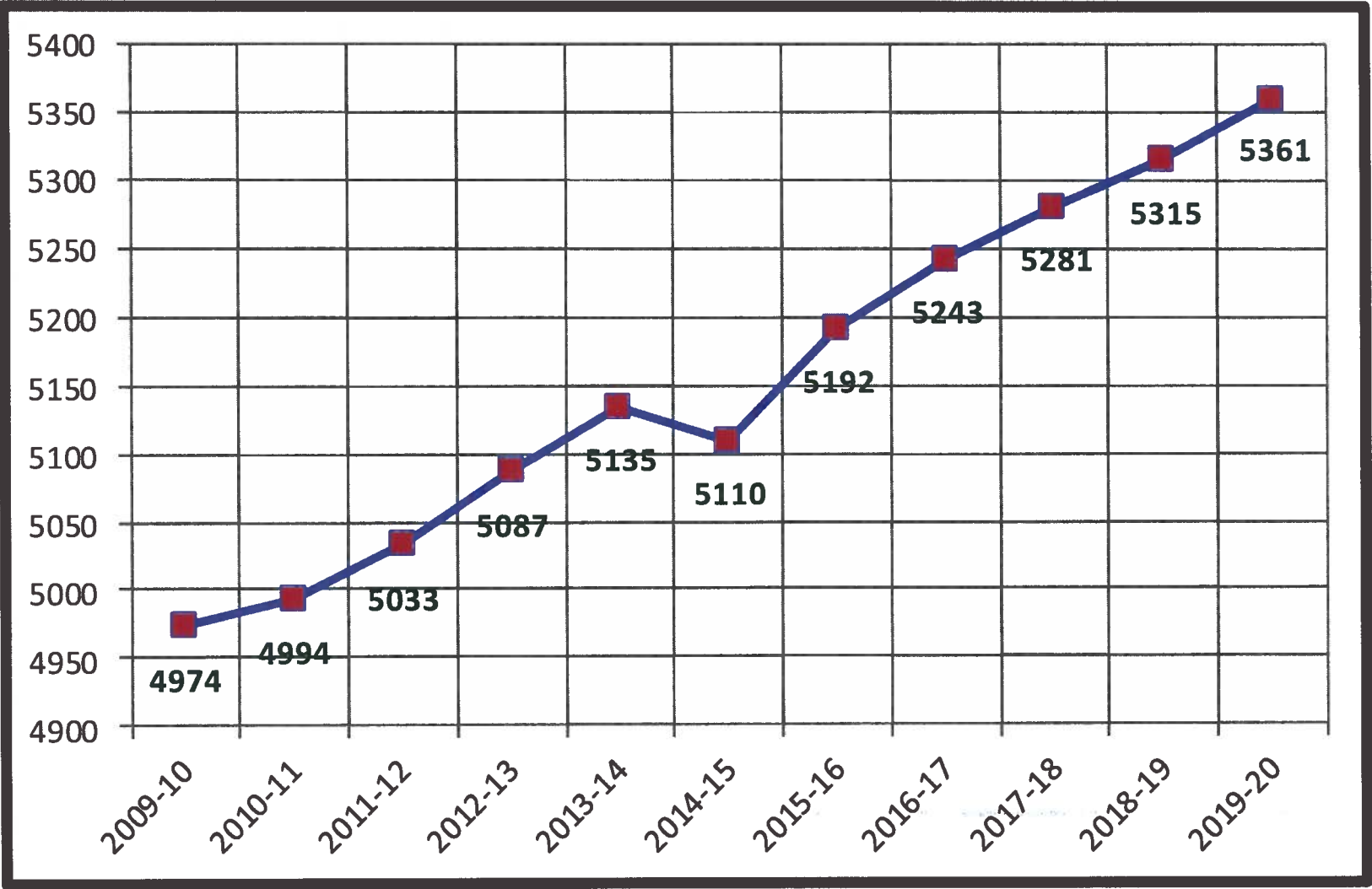
The following tables and charts support the findings of this study.



**Table 8: District-Wide Enrollment History and Projection**

| Year    | Births | K   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | K-5  | 6-8  | 9-12 | Sub<br>K-12 | SE | Sub<br>Total | PK  | Total |
|---------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-------------|----|--------------|-----|-------|
| 2009-10 | 353    | 396 | 378 | 398 | 372 | 391 | 367 | 387 | 341 | 388 | 410 | 418 | 344 | 384 | 2302 | 1116 | 1556 | 4974        |    | 4974         | 174 | 5148  |
| 2010-11 | 332    | 366 | 401 | 376 | 398 | 374 | 393 | 369 | 394 | 347 | 407 | 403 | 419 | 347 | 2308 | 1110 | 1576 | 4994        |    | 4994         | 174 | 5168  |
| 2011-12 | 332    | 340 | 375 | 404 | 380 | 405 | 375 | 398 | 376 | 402 | 359 | 411 | 393 | 415 | 2279 | 1176 | 1578 | 5033        | 3  | 5036         | 174 | 5210  |
| 2012-13 | 379    | 423 | 361 | 386 | 408 | 382 | 408 | 384 | 403 | 377 | 395 | 366 | 407 | 387 | 2368 | 1164 | 1555 | 5087        | 3  | 5090         | 69  | 5159  |
| 2013-14 | 343    | 400 | 441 | 383 | 382 | 414 | 378 | 405 | 387 | 403 | 384 | 388 | 367 | 403 | 2398 | 1195 | 1542 | 5135        | 3  | 5138         | 69  | 5207  |
| 2014-15 | 349    | 388 | 410 | 431 | 372 | 374 | 408 | 371 | 415 | 384 | 405 | 401 | 390 | 361 | 2383 | 1170 | 1557 | 5110        | 74 | 5184         | 69  | 5253  |
|         |        |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |             |    |              |     |       |
|         |        |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |             |    |              |     |       |
| Year    |        | K   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | K-5  | 6-8  | 9-12 | Sub<br>K-12 | SE | Sub<br>Total | PK  | Total |
| 2015-16 | 313    | 404 | 402 | 416 | 428 | 375 | 374 | 408 | 378 | 419 | 392 | 409 | 401 | 386 | 2399 | 1205 | 1588 | 5192        | 74 | 5266         | 69  | 5335  |
| 2016-17 | 334    | 400 | 412 | 402 | 420 | 432 | 376 | 374 | 416 | 382 | 427 | 396 | 409 | 397 | 2442 | 1172 | 1629 | 5243        | 74 | 5317         | 69  | 5386  |
| 2017-18 | 322    | 404 | 410 | 408 | 405 | 424 | 431 | 376 | 381 | 420 | 390 | 431 | 396 | 405 | 2482 | 1177 | 1622 | 5281        | 74 | 5355         | 69  | 5424  |
| 2018-19 | 322    | 408 | 413 | 406 | 410 | 406 | 423 | 435 | 384 | 385 | 428 | 394 | 431 | 392 | 2466 | 1204 | 1645 | 5315        | 74 | 5389         | 69  | 5458  |
| 2019-20 | 322    | 405 | 417 | 420 | 408 | 410 | 405 | 418 | 444 | 388 | 393 | 432 | 394 | 427 | 2465 | 1250 | 1646 | 5361        | 74 | 5435         | 69  | 5504  |

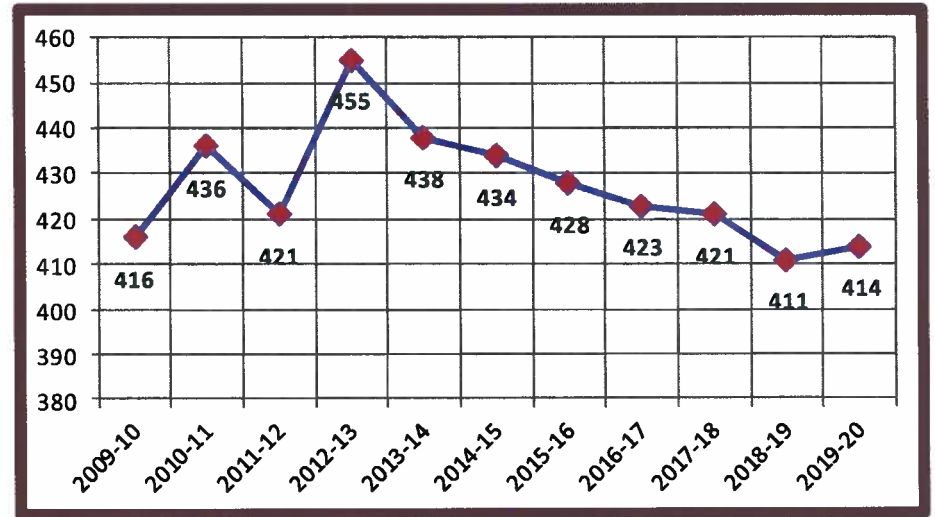
**Chart 1: District-Wide Enrollment History and Projection**



**Table 9: Daly Elementary School**

| Daly    | KG        | 1        | 2        | 3        | 4        | 5        | K-5        | Sp Ed        | Sub          | PK        | Total        |
|---------|-----------|----------|----------|----------|----------|----------|------------|--------------|--------------|-----------|--------------|
|         |           |          |          |          |          |          |            |              | <b>Total</b> |           |              |
| 2009-10 | 63        | 60       | 79       | 70       | 78       | 66       | 416        |              | 416          |           | 416          |
| 2010-11 | 62        | 66       | 63       | 93       | 69       | 83       | 436        |              | 436          |           | 436          |
| 2011-12 | 53        | 66       | 68       | 73       | 91       | 70       | 421        |              | 421          |           | 421          |
| 2012-13 | 68        | 64       | 72       | 86       | 76       | 89       | 455        |              | 455          | 60        | 515          |
| 2013-14 | 54        | 73       | 70       | 81       | 85       | 75       | 438        |              | 438          | 69        | 507          |
| 2014-15 | 52        | 58       | 72       | 71       | 69       | 81       | 403        | 31           | 434          | 69        | 503          |
| Av      |           |          |          |          |          |          |            |              |              |           |              |
|         | <b>KG</b> | <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>K-5</b> | <b>Sp Ed</b> |              | <b>PK</b> | <b>Total</b> |
| 2014-15 | 58        | 57       | 61       | 83       | 69       | 69       | 397        | 31           | 428          | 69        | 497          |
| 2015-16 | 56        | 61       | 66       | 59       | 81       | 69       | 392        | 31           | 423          | 69        | 492          |
| 2016-17 | 59        | 59       | 70       | 64       | 57       | 81       | 390        | 31           | 421          | 69        | 490          |
| 2017-18 | 60        | 63       | 68       | 69       | 63       | 57       | 380        | 31           | 411          | 69        | 480          |
| 2018-19 | 58        | 61       | 68       | 66       | 67       | 63       | 383        | 31           | 414          | 69        | 483          |

**Chart 2: Daly Elementary School**



**Table 10: Guggenheim Elementary School**

| Guggenheim | KG  | 1   | 2   | 3   | 4   | 5   | K-5 | Sp Ed | Total |
|------------|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 2009-10    | 86  | 86  | 97  | 77  | 91  | 71  | 508 |       | 508   |
| 2010-11    | 79  | 90  | 86  | 87  | 81  | 88  | 511 |       | 511   |
| 2011-12    | 93  | 80  | 87  | 76  | 90  | 82  | 508 |       | 508   |
| 2012-13    | 98  | 97  | 78  | 73  | 78  | 89  | 513 |       | 513   |
| 2013-14    | 100 | 103 | 100 | 63  | 77  | 79  | 522 | 3     | 525   |
| 2014-15    | 92  | 100 | 91  | 88  | 64  | 83  | 518 | 36    | 554   |
| Av         |     |     |     |     |     |     |     |       |       |
|            | KG  | 1   | 2   | 3   | 4   | 5   | K-5 | Sp Ed | Total |
| 2014-15    | 97  | 95  | 97  | 78  | 92  | 65  | 524 | 36    | 560   |
| 2015-16    | 96  | 94  | 82  | 101 | 81  | 93  | 547 | 36    | 583   |
| 2016-17    | 99  | 96  | 81  | 85  | 105 | 82  | 548 | 36    | 584   |
| 2017-18    | 97  | 98  | 83  | 82  | 85  | 105 | 550 | 36    | 586   |
| 2018-19    | 96  | 98  | 96  | 83  | 82  | 85  | 540 | 36    | 576   |

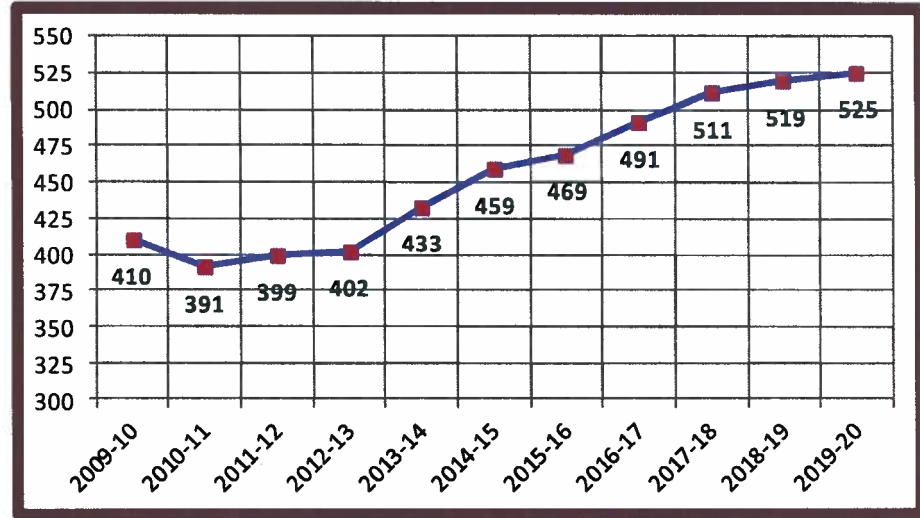
**Chart 3: Guggenheim Elementary School**



**Table 11: Manorhaven Elementary School**

| Manorhaven | KG | 1  | 2  | 3  | 4  | 5  | K-5 | Sp Ed | Total |
|------------|----|----|----|----|----|----|-----|-------|-------|
| 2009-10    | 78 | 61 | 61 | 76 | 60 | 74 | 410 |       | 410   |
| 2010-11    | 65 | 75 | 56 | 57 | 75 | 63 | 391 |       | 391   |
| 2011-12    | 57 | 67 | 78 | 59 | 63 | 74 | 398 | 1     | 399   |
| 2012-13    | 74 | 58 | 74 | 73 | 58 | 65 | 402 |       | 402   |
| 2013-14    | 87 | 78 | 63 | 74 | 74 | 57 | 433 |       | 433   |
| 2014-15    | 80 | 84 | 77 | 65 | 75 | 71 | 452 | 7     | 459   |
| Av         |    |    |    |    |    |    |     |       |       |
|            | KG | 1  | 2  | 3  | 4  | 5  | K-5 | Sp Ed | Total |
| 2014-15    | 80 | 80 | 86 | 75 | 66 | 75 | 462 | 7     | 469   |
| 2015-16    | 84 | 84 | 83 | 88 | 78 | 67 | 484 | 7     | 491   |
| 2016-17    | 81 | 87 | 83 | 85 | 90 | 78 | 504 | 7     | 511   |
| 2017-18    | 81 | 83 | 86 | 85 | 87 | 90 | 512 | 7     | 519   |
| 2018-19    | 84 | 84 | 86 | 90 | 87 | 87 | 518 | 7     | 525   |

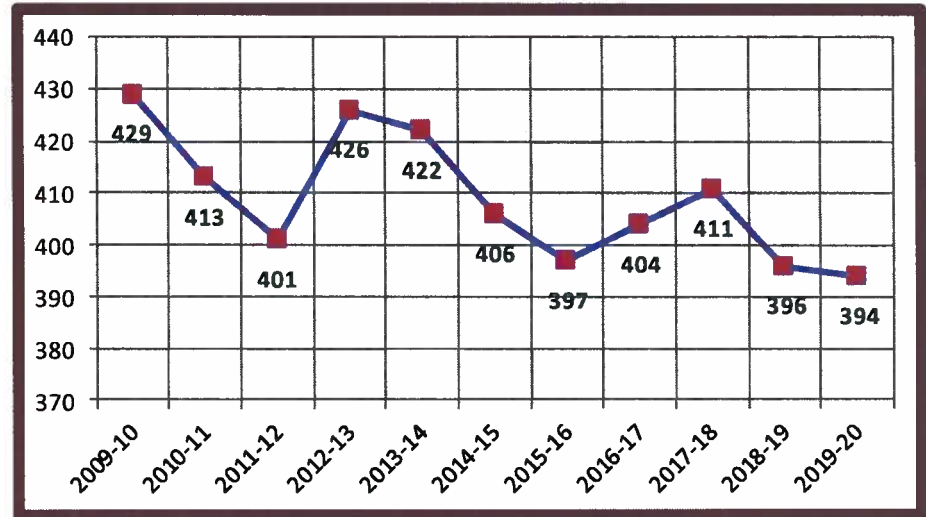
**Chart 4: Manorhaven Elementary School**



**Table 12: South Salem Elementary School**

| South Salem | KG | 1  | 2  | 3  | 4  | 5  | K-5 | Total |
|-------------|----|----|----|----|----|----|-----|-------|
| 2009-10     | 81 | 77 | 65 | 67 | 75 | 64 | 429 | 429   |
| 2010-11     | 59 | 81 | 73 | 60 | 66 | 74 | 413 | 413   |
| 2011-12     | 58 | 62 | 81 | 72 | 63 | 65 | 401 | 401   |
| 2012-13     | 91 | 58 | 59 | 84 | 71 | 63 | 426 | 426   |
| 2013-14     | 67 | 87 | 57 | 59 | 83 | 69 | 422 | 422   |
| 2014-15     | 63 | 69 | 83 | 56 | 56 | 79 | 406 | 406   |
| Av          |    |    |    |    |    |    |     |       |
|             | KG | 1  | 2  | 3  | 4  | 5  | K-5 | Total |
| 2014-15     | 74 | 64 | 67 | 82 | 55 | 55 | 397 | 397   |
| 2015-16     | 68 | 72 | 63 | 66 | 81 | 54 | 404 | 404   |
| 2016-17     | 68 | 66 | 71 | 62 | 65 | 79 | 411 | 411   |
| 2017-18     | 70 | 66 | 65 | 70 | 61 | 64 | 396 | 396   |
| 2018-19     | 68 | 68 | 65 | 64 | 69 | 60 | 394 | 394   |

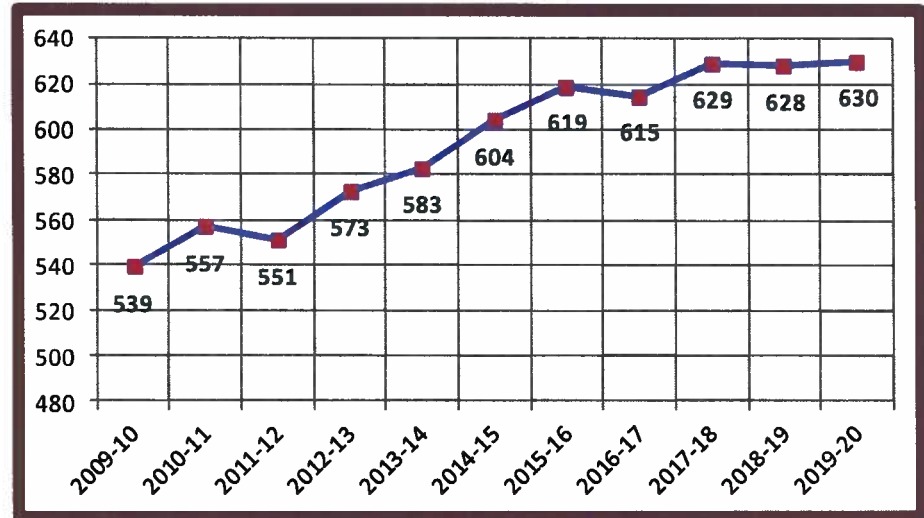
**Chart 5: South Salem Elementary School**



**Table 13: Sousa Elementary School**

| Sousa   | KG  | 1   | 2   | 3   | 4   | 5   | K-5 | Total |
|---------|-----|-----|-----|-----|-----|-----|-----|-------|
| 2009-10 | 88  | 94  | 96  | 82  | 87  | 92  | 539 | 539   |
| 2010-11 | 101 | 89  | 98  | 101 | 83  | 85  | 557 | 557   |
| 2011-12 | 79  | 100 | 90  | 100 | 98  | 84  | 551 | 551   |
| 2012-13 | 92  | 84  | 104 | 92  | 99  | 102 | 573 | 573   |
| 2013-14 | 92  | 100 | 93  | 105 | 95  | 98  | 583 | 583   |
| 2014-15 | 101 | 99  | 108 | 92  | 110 | 94  | 604 | 604   |
| Av      |     |     |     |     |     |     |     |       |
|         | KG  | 1   | 2   | 3   | 4   | 5   | K-5 | Total |
| 2014-15 | 95  | 106 | 105 | 110 | 93  | 110 | 619 | 619   |
| 2015-16 | 96  | 101 | 108 | 106 | 111 | 93  | 615 | 615   |
| 2016-17 | 97  | 102 | 103 | 109 | 107 | 111 | 629 | 629   |
| 2017-18 | 100 | 103 | 104 | 104 | 110 | 107 | 628 | 628   |
| 2018-19 | 99  | 106 | 105 | 105 | 105 | 110 | 630 | 630   |

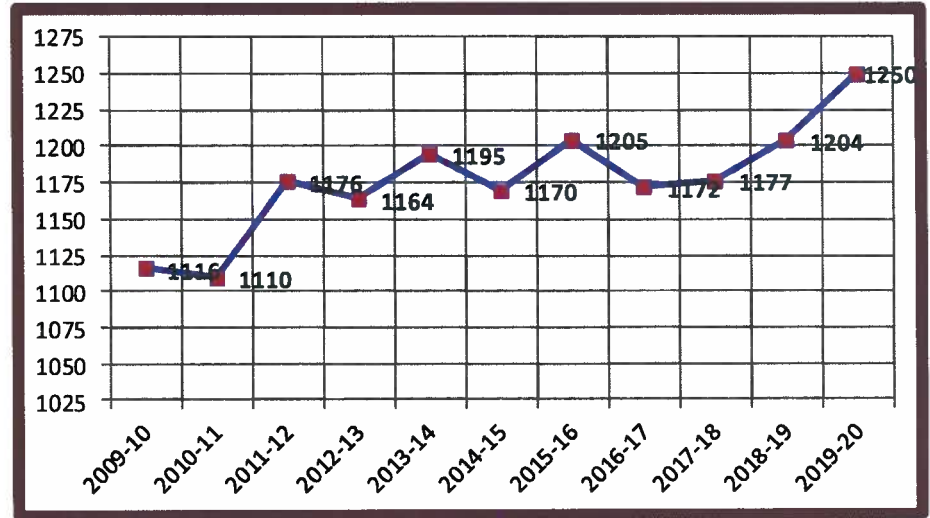
**Chart 6: Sousa Elementary School**



**Table 14: Weber Middle School**

| Weber Middle School |     |     |     |       |
|---------------------|-----|-----|-----|-------|
| Year                | 6   | 7   | 8   | Total |
| 2009-10             | 387 | 341 | 388 | 1116  |
| 2010-11             | 369 | 394 | 347 | 1110  |
| 2011-12             | 398 | 376 | 402 | 1176  |
| 2012-13             | 384 | 403 | 377 | 1164  |
| 2013-14             | 405 | 387 | 403 | 1195  |
| 2014-15             | 371 | 415 | 384 | 1170  |
|                     | 6   | 7   | 8   |       |
| 2015-16             | 408 | 378 | 419 | 1205  |
| 2016-17             | 374 | 416 | 382 | 1172  |
| 2017-18             | 376 | 381 | 420 | 1177  |
| 2018-19             | 435 | 384 | 385 | 1204  |
| 2019-20             | 418 | 444 | 388 | 1250  |

**Chart 7: Weber Middle School**

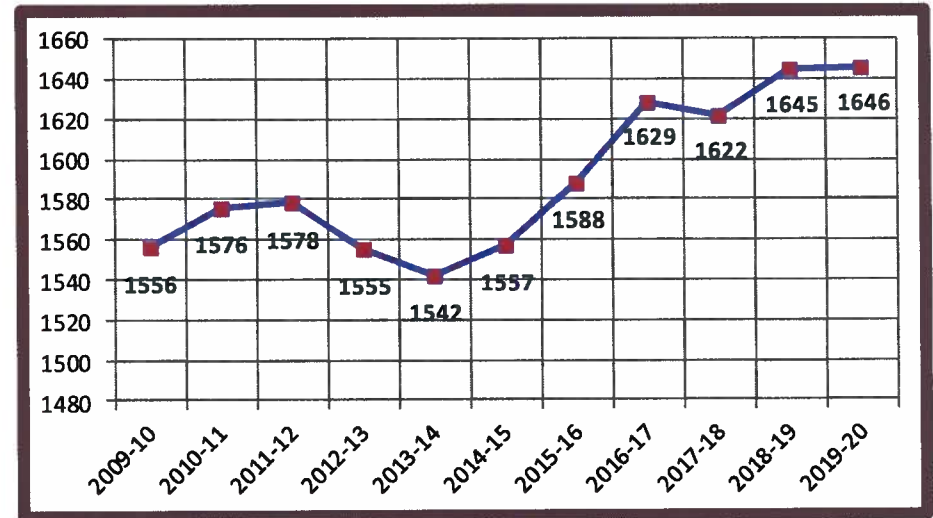




**Table 15: Schreiber High School**

| Year    | 9   | 10  | 11  | 12  | Total |
|---------|-----|-----|-----|-----|-------|
| 2009-10 | 410 | 418 | 344 | 384 | 1556  |
| 2010-11 | 407 | 403 | 419 | 347 | 1576  |
| 2011-12 | 359 | 411 | 393 | 415 | 1578  |
| 2012-13 | 395 | 366 | 407 | 387 | 1555  |
| 2013-14 | 384 | 388 | 367 | 403 | 1542  |
| 2014-15 | 405 | 401 | 390 | 361 | 1557  |
|         | 9   | 10  | 11  | 12  |       |
| 2015-16 | 392 | 409 | 401 | 386 | 1588  |
| 2016-17 | 427 | 396 | 409 | 397 | 1629  |
| 2017-18 | 390 | 431 | 396 | 405 | 1622  |
| 2018-19 | 428 | 394 | 431 | 392 | 1645  |
| 2019-20 | 393 | 432 | 394 | 427 | 1646  |

**Chart 8: Schreiber High School**



## **Conclusion**

The Port Washington Union Free School District has shown moderate growth from the 2009-10 school year to the current school year. This moderate growth is projected to continue through the 2019-20 school year. The villages which comprise Port Washington have very little land for any major development; however, it appears that there is moderate housing turnover which may account for the continued enrollment growth.

The desirability and diversity of Port Washington along with its proximity to New York City along with the ease of transportation (Port Washington Long Island Railroad Branch) will continue to attract individuals. The aging of the District portends a continuation of housing sales which should improve as the housing market and economy improve. While the projection does not show dynamic growth it also does not show any indication of an enrollment decline in the foreseeable future.

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## **Education Background**

1962-1967 Pace University, New York City, NY  
BA History

1972-1975 Teacher College, Columbia University, New York City, NY  
MA—Educational Administration (1973)  
Ed. D—Educational Administration (1975)

## **Professional Experience**

1967-1972 New York City Board of Education, Brooklyn, NY  
Teacher, Social Studies  
Drug Prevention Counselor

1972-1975 Director—C.I.T.E. Project, Columbia University (Graduate Assistantship)

1973-1975 Montclair State University, Montclair, NJ  
Assistant Professor of Education

1974-1975 Manhattan College, Bronx, NY  
Instructor, Special Administrator Program

1975-1981 Hillside High School, Hillside, NJ  
Principal

1981-1986 Uniondale High School, Uniondale, NY  
Principal

1986-1994 Value Management Consultants, Inc., Bohemia, NY  
Executive Vice President

- Lead consultant for enrollment projection and boundary planning projects
- Aided and assisted with efficiency studies in school districts—reviewed school district policy and procedures

1994-present Ross Haber Associates, LLC. Milltown, NJ  
Owner, President

Ross Haber Associates is a consulting company specializing in the following:

- Demographic and redistricting studies for school districts
- Transportation operations and efficiency studies

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- Policy and procedure reviews focused on school transportation
- GIS Specialist with expertise in use of ArcView GIS for transportation and school boundary analysis.

### **Relevant Experience**

- **New York City Board of Education:** Project Manager in developing digitized zoning maps for the 1000 elementary and middle schools for the five boroughs of the City of New York. Using ArcView 3.2b the project took the paper boundaries and moved them into a City wide data base. In addition, the project will developed a web-site by which citizens can identify the school which their children will attend by simply keying in their address and grade level. New York City is the largest school district in the United States serving over 1,200,000 students.
- ◆ **Freehold Regional High School District (NJ):** Conducted and enrollment study. In addition, participated in the development of data for the Five Year Facility Plan for the State. Ross Haber is also aiding the district in analyzing its plans for realigning school boundaries as well as locating potential sites for new schools.
- ◆ **Howell Township Public Schools (NJ):** Conducted and enrollment and redistricting study for the district. Study included implications for changes in transportation brought about by boundary changes. (1999 and 2003)
- ◆ **Tewksbury Township Public Schools (NJ):** Conducted enrollment projection study, 2003
- ◆ **Lincoln Park Public Schools (NJ):** Conducted enrollment projections study, 2003
- ◆ **North Hunterdon-Voorhees Regional High School District (NJ)-**provided enrollment projections for the Regional in 1998 , 2000,2002 and 2008. In addition, conducted workshop hosted by Regional on doing enrollment projections.
- ◆ **Jersey City (NJ) Public Schools:** Conducted a study, which evaluated and adjusted school attendance boundaries. The study included re-adjusting boundaries to redistribute students to balance schools.
- ◆ **Bay Shore Public Schools-**Redistricting lines for two intermediate schools to accomodate shifts in student population.
- ◆ **City of Clifton Public Schools-**Complete redistricting study which includes enrollment projections, changing attendance lines for elementary schools to accomodate a new elementary schools, and an analysis of the impact of these changes on transportation.
- ◆ **Metuchen Board of Education-**Enrollment study.
- ◆ **Tuckahoe UFSD-**Enrollment study.
- ◆ **Westbury Board of Education--**Enrollment projections, mapping, and zoning.
- ◆ **Trumbull (CT) Public Schools-**Projected K - 12 enrollments. Worked with district to develop new attendance zones for the reassignment of students to a new elementary school. Created brand new boundary and adjusted remaining five other elementaries. The criteria for realignment included racial balancing.
- ◆ **Central Dauphin (PA) Public Schools-**Prepared enrollment projection study in anticipation of the reorganization of the district. This reorganization included the reorganization of grade alignment, the inclusion of a fourth middle school, and the opening of a new high school.
- ◆ **Irvington (NJ) Public School:** Project director for an enrollment and redistricting study. Supervised the implementation of changes for school attendance areas.

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- **Fairfax County (VA) Public Schools:** Served as a consultant in a comprehensive evaluation of the transportation route structure and routing software (Trapeze) for the tenth largest school bus fleet in the United States, with over 1,400 school buses transporting 104,000 students to over 200 public schools. Fairfax County is the 10<sup>th</sup> largest school district in the United States with a total population in excess of 125,000 students.
- **Volusia County Florida Public Schools**—Developing attendance and transportation eligibility areas, analysis of bell times, transportation analysis based upon changed bell times and boundaries. Volusia County serves over 58,000 students.
- **City of Virginia Beach Public Schools:** Provide a complete transportation assessment including evaluation of current routes, bell schedule impact, bus loads, and information technology. The City of Virginia Beach is the 38<sup>th</sup> largest school District in the United States serving over 70,000 students.
- **West Chester Area Public Schools**—Evaluation of the impact of changing school locations on transportation. The study will provide the District with several scenarios evaluating the cost effectiveness of the location changes school boundaries on high school ride times.
- **Millburn Public Schools:** Provided District with multiple boundary change scenarios based upon The need for the District to add additional space to current building structures. Helped with re-districting models in 1997 and in 2001.
- **City of Newburgh**—Conduct an enrollment study for a five, eight, and ten year period, evaluating the impact of in/out migration, new housing, and other factors affecting enrollment in this urban/suburban school district of 15,000 students.
- ◆ **Chesterfield (VA) County Public Schools:** Participated as a consultant in an evaluation of the bell schedule and route design and cost effectiveness for the 435-unit bus fleet in the daily transportation of 50,000 students
- ◆ **Arlington (VA) Public Schools:** Participated in a program to evaluate and reengineer bell schedules to support the education program. Implemented and trained the transportation staff in the use of GIS software to automate the previously manual transportation program.
- ◆ **Caldwell/West Caldwell Public Schools (NJ):** Developed enrollment projections for the district.
- ◆ **Chester Public Schools (NJ):** Transportation review. This study examined current vehicle utilization. Conducted and operations review to compare cost differences between locally owned versus contracted buses.
- **Rahway Public Schools (NJ):** Conducted an enrollment analysis and boundary study. The project included a review of current versus projected transportation needs based upon changes in boundaries.
- ◆ **Southampton UFSD (NY):** Studied transportation system and provided suggestions and aided in the implementation of new routes to increase vehicular loads.
- ◆ **Greenville Schools (SC):** Served as a consulting in a comprehensive review of the transportation operation for the District. Study included an analysis of current routing practices as well as a review of the information technology being used by the District.
- ◆ **School District of the Chathams (NJ):** Enrollment Study, Redistricting Study, Transportation Software installed and trained.
- ◆ **South Brunswick Board of Education (NJ):** Enrollment Study
- ◆ **Old Bridge Township Board of Education (NJ):** Enrollment Study, Redistricting, Transportation

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- ◆ Pine Hill Township Board of Education (NJ): Enrollment Study
- ◆ Orange Township Public Schools (NJ): Enrollment Study, Redistricting Study
- ◆ City of Perth Amboy (NJ): -- Enrollment Study
- ◆ City of Kingston (NY): Redistricting Study
- ◆ Randolph Township Schools (NJ): Redistricting and Enrollment Study
- ◆ Trinity Public Schools (PA): Redistricting
- ◆ Canon-McMillan Schools (PA): Redistricting/Transportation
- ◆ City of Rye (NY): Projections, Redistricting, Census, Mapping
- ◆ Great Neck, (NY): Demographics and Redistricting
- ◆ Lower Merion(PA): Demographics and Redistricting
- ◆ Monroe Township (NJ): Redistricting
- ◆ Montgomery Township (NJ): Transportation Analysis
- ◆ Red Bank (NJ): Transportation Analysis
- ◆ Glen Ridge (NJ): Demographic Study
- ◆ Tinton Falls (NJ): Demographic Study
- ◆ Woodbridge Township (NJ): Redistricting
- ◆ Newark Public Schools (NJ): Zoning for Long Range Facility Plan
- ◆ Red Bank Regional HS District-Transportation Study
- ◆ Irvington Board of Education-Transportation Study
- ◆ Shelton Board of Education-Enrollment Projection and Redistricting
- ◆ Oyster Bay-East Norwich Central School District (NY)-Enrollment Projection
- ◆ Allendale Board of Education-Enrollment Projection
- ◆ North Shore Central School District (NY)-Enrollment Projections and Facility Analysis
- ◆ Hicksville UFSD (NY)-Enrollment Projections and Facility Analysis
- ◆ Greenburgh Central 7 (NY) – Transportation Study and Management
- ◆ East Orange Board of Education (NJ) – Enrollment Projection and Redistricting
- ◆ Piscataway Township Board of Education (NJ) – Enrollment Projections/Transportation Study
- ◆ Hewlett-Woodmere UFSD (NY) – Enrollment Projections
- ◆ Long Beach City School District (NY) – Enrollment Projections
- ◆ Port Chester-Rye-UFSD (NY)-Enrollment Projections/Facility Study
- ◆ Tuckahoe UFSD (NY)-Enrollment Projections
- ◆ Hastings on Hudson UFSD (NY)-Enrollment Projections
- ◆ West Hempstead UFSD-Transportation Study
- ◆ Hempstead UFSD-Transportation Study

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- ◆ **Island Park UFSD-Transportation Study**
- ◆ **Readington Schools (NJ)-Demographic Study**
- ◆ **West Orange Public Schools-Demographic Study**
- ◆ **Springfield Township Schools (NJ)-Enrollment Projections**
- ◆ **Summit Public Schools (NJ)-Demographics and Redistricting**
- ◆ **Westfield Public Schools (NJ)-Demographics**
- ◆ **Neptune Township Schools (NJ)-Demographics**
- ◆ **Brick Township Public Schools (NJ)-Demographics and Redistricting**
- ◆ **Flemington-Raritan Public Schools (NJ)-Demographics**
- ◆ **Nutley Public Schools (NJ)-Demographics**
- ◆ **Middlesex Township Public School (NJ)-Demographics**
- ◆ **Danbury Public Schools (CT)-Demographics and Redistricting**
- ◆ **Milltown Public Schools (NJ)-Demographics**
- ◆ **Madison Public Schools (NJ)-Demographics**
- ◆ **Middlesex Borough Schools (NJ)-Demographics**
- ◆ **Watchung Regional Schools (NJ)-Demographics**
- ◆ **Leonia Public Schools (NJ)-Demographics**
- ◆ **Pascack Valley Regional High School District--De-regionalization study**
- ◆ **East Rutherford Public Schools (NJ) Demographics**
- ◆ **River Edge Public Schools (NJ) Demographics**

Since 1986 Ross Haber has worked with over 100 school districts in providing services in the areas of demographics, facility utilization, redistricting and transportation efficiency.

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