## WEST MILFORD TOWNSHIP SCHOOL DISTRICT

## Demographic and Facility Study

## Executive Summary

The West Milford Township Board of Education has engaged Ross Haber and Associates to provide a demographic and facility utilization study. The first part of this study was to provide an enrollment projection. Enrollment projections have two components. The first component are projections based upon a six-year history of enrollment in the district. The second component provides an analysis of the impact of significant new housing developments which have the likelihood of being constructed and occupied for the five projected school years.

This report does not include new housing impact because as of this date we have not yet received a response to our OPRA request regarding this matter. However, because of the Highlands Act we do not believe that this will have any impact on the final report.

Since the 2016-17 school year the district has seen a significant enrollment decline. The projection indicates that this decline will continue through the 2026-27 school year. Table 1 shows the ten-year arc of enrollment from the base year (2016-17) and the out-year (202627).

Table 1: Ten-Year Enrollment Overview

|  | $2016-17$ | 2021-22 | Difference | Percent | $2026-27$ | Diff | Percent |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Difference |  |  |  |
| District | 3,363 | 3,051 | -312 | $-9.28 \%$ | 2796 | -255 | $-8.36 \%$ |
| Apshsawa | 252 | 183 | -69 | $-27.38 \%$ | 171 | -12 | $-6.56 \%$ |
| Maple Road | 239 | 184 | -55 | $-23.01 \%$ | 177 | -7 | $-3.80 \%$ |
| Marshall Hill | 263 | 244 | -19 | $-7.22 \%$ | 268 | 24 | $9.84 \%$ |
| Paradise Knoll | 282 | 194 | -88 | $-31.21 \%$ | 174 | -20 | $-10.31 \%$ |
| Upper Greenwood Lake | 256 | 184 | -72 | $-28.13 \%$ | 181 | -3 | $-1.63 \%$ |
| Westbrook | 340 | 232 | -108 | $-31.76 \%$ | 228 | -4 | $-1.72 \%$ |
| Macopin MS | 514 | 752 | 238 | $46.30 \%$ | 582 | -170 | $-22.61 \%$ |
| West Milford HS | 1074 | 901 | -173 | $-16.11 \%$ | 837 | -64 | $-7.10 \%$ |
| Self-contained Sp Ed | 121 | 161 | 40 | $33.06 \%$ | 159 | -2 | $-1.24 \%$ |
| Prekindergarten | 22 | 16 | -6 | $-27.27 \%$ | 19 | 3 | $18.75 \%$ |

## Methodology

This study used the cohort survival method for enrollment projections. The cohort survival method follows students as they move from grade to grade and calculates the percentage of growth and/or decline as they move through the system. This is tracked for six years, and an average rate of growth is calculated to produce a five-year growth/decline ratio. The final year of actual enrollment is then multiplied by the average growth/decline ratio (also referred to as the migration ratio) to project the next five years of enrollment. Kindergarten projections are based upon a comparison of children born each year and the number of kindergarten students enrolled five year later. For example, students born in 2011 became kindergarten students in 2016. This ratio of birth to kindergarten is calculated over a six-year period to develop a five-year average migration ratio (e.g.-if 100 children were born in 2016-17 and there were 75 kindergarten students in 2017-18 the migration ratio would be .75). This average is then applied to each year's live births for the projections. The birth data is provided by the new Jersey Department of Health, Bureau of vital statistics. The birth data is credited to the residence of the mother.

Cohort projections do not include any growth based upon projected construction. In communities in which there is significant growth in new housing developments the potential impact of students to the schools is added into the cohort table. In West Milford, due to the Highlands Act, we do not believe that new residential units will have an impact on the schools.

## Community Demographics

Table 2: West Milford

| West Milford Township |  |  |  |
| :---: | :---: | :---: | :---: |
|  | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 2 0}$ | Change |
| Population | 26,610 | 26,355 | -255 |
| Median Age | 44 | 45.9 | 1.9 |
| Median Income | $\$ 98,556.00$ | $\$ 103,425.00$ | $\$ 4,869.00$ |
| Mean Income | $\$ 108,807.00$ | $\$ 123,256.00$ | $\$ 14,449.00$ |
| Race |  |  | Change |
| White | 23,655 | 22,496 | -1159 |
| Black | 181 | 263 | 82 |
| Asian | 370 | 527 | 157 |
| Hispanic | 2,003 | 2,228 | 225 |
| Native Am/Alaskan | 70 | 261 | 191 |
| Hawaiin/PI | 26 | 48 | 22 |
| Multi-racial | 121 | 457 | 336 |
| Other | 184 | 75 | -109 |

Table 2 shows provides information regarding the general demographics of the West Milford Township. Between 2015 and 2020 the population remained relative stable. There was a slight increase in the median age and a marginal decrease in population. There were some shifts in diversity with the largest decrease amongst white residents and the largest increase (aside for persons reporting a multi-racial) were Hispanics.

Hewitt is a community from which is in the West Milford School District. It is the only community the Census Bureau is showing that is not included in the umbrella of West Milford Township. The total population of Hewitt as of the 2020 census was 2,512 individuals. The median age is 53.1 which indicates an aging community. Surprisingly the total number of school aged children (ages 5-19) is 340. There were also approximately 224 children under the age of 5 in Hewitt. The New Jersey Department of Health does not have birth data for Hewitt, NJ (it possibly is counted in the West Milford Count, but we cannot verify this.

The community tables as shown indicate that (for West Milford) the total population has remained stable between 2015 and 2020. That stability, along with a moderate rise in the median age, support the fact that the enrollment in the school has declined. With no new housing being built to any scale and with what appears to be homeowners remaining in West Milford ${ }^{1}$

[^0]Table 3: District-Wide Enrollment History and Projection


Table 2 shows the district-wide projection. Kindergarten enrollment is based upon live births in West Milford five years prior to students entering kindergarten. For example, the kindergarten enrollment in 2016-17 is projected based upon children born in 2011.2

[^1]
## Elementary School Projections \& Utilization

Table 4: Current and Projected Summary of Projections and Utilization

| School | Capacity | Max Projected <br> Enrollment | Total Classrooms Gen and <br> Special Ed | Maximum <br> Undesignated |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Apshawa | 367 | 188 | 24 | 1 |
| Maple Road | 394 | 247 | 28 | 1 |
| Marshall Hill | 428 | 284 | 26 | 2 |
| Paradise Knoll | 370 | 174 | 19 | 2 |
| Upper Greenwood Lake | 489 | 198 | 22 | 4 |
| Westbook | 550 | 228 | 23 | 1 |
|  |  |  |  |  |
| Total | 2598 | 1319 |  |  |

Table 5 shows the capacity, projected enrollments, number of classrooms and rooms undesignated. The data was from several sources, including, principal responses to a survey sent to them at the beginning of the project, floor plans for each building (updated by the principals); and the data from the Long-Range Facility Plan.

The total capacity, based upon the district practices (as per the Long-Range Facility Plan) is show for each school. The total enrollment is approximately $52 \%$ of capacity. This is due to the enrollment decline being experienced by the district. As a result, the district does show, for the most part, optimal class sizes. There are a few instances of having schools with only one section on a grade level which is not considered an ideal situation. The principals have been able to make good use of the buildings and program equity in term of options for students exists district wide. The issue, however, is that as the enrollment declines further is this level of utilization sustainable with regard to efficiency and economics. While no changes are to be made during the 2022-23 school the district has some hard choices ahead regarding facilities.

## Apshawa Elementary School

## Table 5: Apshawa History and Projection

Capacity: 367 2021-22 Enrollment =195 Maximum projected enrollments: 188
Apshawa has a total of 23 full sized classrooms of which for most years 12 are general education and 2 are for self-contained special education. One of these 23 rooms is a dedicated art room and 2 are used for Small Group Instruction (SGI).

There is a dedicated band room, resource room and music room. These 3 rooms are not counted in the 23 classrooms.

| Apshawa Elementary School |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Year | K | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | K-5 | SC | PreK | Total |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2016-17$ | 36 | 36 | 24 | 42 | 38 | 41 | 35 | 252 | 21 |  | 273 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2017-18$ | 29 | 41 | 35 | 24 | 42 | 35 | 42 | 248 | 16 |  | 264 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2018-19$ | 34 | 29 | 37 | 35 | 22 | 43 | 33 | 233 | 12 |  | 245 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2019-20$ | 29 | 33 | 29 | 39 | 38 | 26 | 42 | 236 | 14 |  | 250 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2020-21$ | 31 | 29 | 30 | 29 | 34 | 36 | 189 | 12 |  | 201 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2021-22$ | 28 | 35 | 25 | 31 | 29 | 35 | 183 | 12 |  | 195 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Year | K | 1 | 2 | 3 | 4 | 5 | K-5 | SC | PreK | Total |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2022-23$ | 30 | 29 | 33 | 25 | 30 | 30 | 177 | 15 |  | 192 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2023-24$ | 30 | 31 | 27 | 34 | 24 | 31 | 177 | 16 |  | 193 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2024-25$ | 30 | 31 | 29 | 27 | 33 | 25 | 175 | 16 |  | 191 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2025-26$ | 30 | 31 | 29 | 29 | 26 | 34 | 179 | 17 |  | 196 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2026-27$ | 29 | 30 | 28 | 28 | 27 | 29 | 171 | 17 |  | 188 |  |

Table 7: Apshawa 2022-23

| Apshawa | $2022-23$ | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 21.00 |  | Class Size |
|  |  | 25.00 |  |  |
| KG | 30 | 1.43 | 2 | 15 |
| 1 | 29 | 1.38 | 2 | 15 |
| 2 | 33 | 1.57 | 2 | 17 |
| 3 | 25 | 1.19 | 2 | 13 |
| 4 | 30 | 1.20 | 2 | 15 |
| 5 | 30 | 1.20 | 2 | 15 |
| Spec Ed | 12 |  | 2 | 6 |
| Total Enr | 189 |  |  |  |
| Gen Ed |  |  | 14 |  |
| Art |  |  | 1 |  |
| Music |  |  | 1 |  |
| Resource |  |  | 3 |  |
| SGI |  |  | 2 |  |
| Social Worker |  |  | 1 |  |
| ESL/Bilingual |  |  | 1 |  |
| Media |  |  | 1 |  |
|  |  |  |  |  |
|  |  |  | 24 |  |
| Rooms Used |  |  | 25 |  |
| Rooms Avail |  |  | 1 |  |
| Difference |  |  | 15 |  |
| Av Cl Sz (K-5) |  |  |  |  |

Table 7: Apshawa 2026-27

| Apshawa | $2026-27$ | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 21.00 |  | Class Size |
|  |  | 25.00 |  |  |
| KG | 29 | 1.38 | 2 | 15 |
| 1 | 30 | 1.43 | 2 | 15 |
| 2 | 28 | 1.33 | 2 | 14 |
| 3 | 28 | 1.33 | 2 | 14 |
| 4 | 27 | 1.08 | 2 | 14 |
| 5 | 29 | 1.16 | 2 | 15 |
| Spec Ed | 12 |  | 2 | 6 |
| Total Enr | 183 |  |  |  |
| Gen Ed |  |  | 14 |  |
| Art |  |  | 1 |  |
| Music |  |  | 1 |  |
| Resource |  |  | 3 |  |
| SGI |  |  | 2 |  |
| Social Worker |  |  | 1 |  |
| ESL/Bilingual |  |  | 1 |  |
| Media |  |  | 1 |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Rooms Used |  |  | 24 |  |
| Rooms Avail |  |  | 1 |  |
| Difference |  |  | 15 |  |
| Av Cl Sz (K-5) |  |  |  |  |

## Maple Road Elementary School

Table 8: Maple Road History and Projection

| Maple Road Elementary School |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | ---: | ---: |
| Year | K | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{K}$ | K-5 | SC | PreK | Total |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2016-17$ | 30 | 40 | 33 | 39 | 30 | 35 | 32 | 239 | 8 | 10 | 257 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2017-18$ | 39 | 29 | 41 | 37 | 37 | 29 | 38 | 250 | 30 | 16 | 296 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2018-19$ | 17 | 24 | 23 | 37 | 36 | 42 | 32 | 211 | 40 | 14 | 265 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2019-20$ | 23 | 23 | 41 | 33 | 40 | 42 | 40 | 242 | 39 | 12 | 293 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2020-21$ | 17 | 24 | 23 | 37 | 36 | 42 | 179 | 40 | 18 | 237 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2021-22$ | 30 | 20 | 31 | 24 | 38 | 41 | 184 | 52 | 16 | 252 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Year | K | 1 | 2 | 3 | 4 | 5 | K-5 | SC | PreK | Total |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2022-23$ | 25 | 31 | 23 | 34 | 25 | 41 | 179 | 31 | 15 | 225 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2023-24$ | 22 | 26 | 36 | 25 | 35 | 27 | 171 | 46 | 15 | 232 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2024-25$ | 23 | 23 | 30 | 39 | 26 | 38 | 179 | 50 | 15 | 244 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2025-26$ | 23 | 24 | 27 | 32 | 40 | 28 | 174 | 52 | 16 | 242 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2026-27$ | 24 | 23 | 27 | 28 | 32 | 43 | 177 | 66 | 4 | 247 |  |

## Maple Road

Capacity: 394 2021-22 Enrollment=249 Maximum projected enrollment: 244
Except for 2023-24 where it appears there are three open classrooms it appears that the school will have 1 open classroom (as it does this year). Due to the lower enrollment in this school there are a number of classsrooms that are used but could be consolidated if necessary, for example, there are two rooms used for half-day prekindergarten..as half day programs one classroom couild be used. In addition, OT/PT are in two large classrooms, it is possible to use one room. Three large rooms are used for resource rooms, it is unusual to use this many full sized rooms for pull out programs.

If this school is needed to absorb enrollment from other schools it can accomodate more students. Note that there are twp grades (grade 1 in 2023-24 and grade 2 in 2024-25).

Speech is located in a small room.

Table 9: Maple Road 2022-24 Utilization

| Maple Road | $2022-23$ | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 21.00 |  | Class Size |
|  |  |  |  |  |
| KG | 25 | 1.19 | 2 | 13 |
| 1 | 31 | 1.48 | 2 | 16 |
| 2 | 23 | 1.10 | 1 | 23 |
| 3 | 24 | 1.14 | 1 | 24 |
| 4 | 25 | 1.00 | 1 | 25 |
| 5 | 41 | 1.64 | 2 | 21 |
| Spec Ed | 4 |  | 1 |  |
| PK H | 51 |  | 2 |  |
| PK F | 15 |  | 2 |  |
| Total Enr | 239 |  |  |  |
| Gen Ed/Sp Ed/PK |  |  | 14 |  |
| Art |  |  | 1 |  |
| Music |  |  | 1 |  |
| SGI |  |  | 2 |  |
| Resource |  |  | 3 |  |
| SACC |  |  | 1 |  |
| CST |  |  | 1 |  |
| OT |  |  | 1 |  |
| PT |  |  | 1 |  |
|  |  |  |  |  |
| Rooms Used |  |  | 25 |  |
| Rooms Avail |  |  | 28 |  |
| Difference |  |  | 3 |  |
| Av Cl Sz (K-5) |  |  |  | 20 |

Table 10: Maple Road 2026-27 Utilization

| Maple Road | 2026-27 | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 21.00 |  | Class Size |
|  |  |  |  |  |
| KG | 24 | 1.14 | 1 | 24 |
| 1 | 23 | 1.10 | 1 | 23 |
| 2 | 27 | 1.29 | 2 | 14 |
| 3 | 28 | 1.33 | 2 | 14 |
| 4 | 32 | 1.28 | 2 | 16 |
| 5 | 43 | 1.72 | 2 | 22 |
| Spec Ed | 4 | 2.00 | 2 |  |
| PK H | 51 |  | 2 |  |
| PK F | 15 |  | 2 |  |
| Total Enr | 247 |  |  |  |
| Gen Ed/Sp Ed/PK |  |  | 16 |  |
| Art |  |  | 1 |  |
| Music |  |  | 1 |  |
| SGI |  |  | 2 |  |
| Resource |  |  | 3 |  |
| SACC |  |  | 1 |  |
| CST |  |  | 1 |  |
| OT |  |  | 1 |  |
| PT |  |  | 1 |  |
|  |  |  |  |  |
| Rooms Used |  |  | 27 |  |
| Rooms Avail |  |  | 28 |  |
| Difference |  |  | 1 |  |
| Av Cl Sz (K-5) |  |  |  | 19 |

## Marshall Hill Elementary School

## Table 11: Marshall Hill History and Projection

| Marshall Hill Elementary School |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Year | K | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | K-5 | SC | PreK | Total |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2016-17$ | 32 | 30 | 32 | 42 | 38 | 41 | 48 | 263 | 7 |  | 270 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2017-18$ | 31 | 37 | 32 | 30 | 40 | 36 | 40 | 246 | 10 |  | 256 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2018-19$ | 41 | 32 | 41 | 37 | 31 | 37 | 41 | 260 | 12 |  | 272 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2019-20$ | 29 | 40 | 36 | 42 | 39 | 29 | 40 | 255 | 12 |  | 267 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2020-21$ | 33 | 34 | 40 | 34 | 39 | 38 | 218 | 16 |  | 234 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2021-22$ | 48 | 39 | 39 | 40 | 37 | 41 | 244 | 12 |  | 256 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Year | K | 1 | 2 | 3 | 4 | 5 | K-5 | SC | PreK | Total |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2022-23$ | 36 | 53 | 42 | 39 | 40 | 36 | 246 | 11 |  | 257 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2023-24$ | 37 | 40 | 58 | 43 | 39 | 39 | 256 | 15 |  | 271 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2024-25$ | 37 | 41 | 44 | 59 | 43 | 38 | 262 | 16 |  | 278 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2025-26$ | 38 | 41 | 45 | 45 | 60 | 42 | 271 | 16 |  | 287 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2026-27$ | 38 | 41 | 44 | 45 | 44 | 56 | 268 | 16 |  | 284 |  |

Marshall Hill Summary
Capacity: 428 2022-23 Enrollment $=258$ Maximum projected enrollment $=280$.
Marshall Hill has a total of 26 classroom. It appears that after all programs are assigned there and will be 2 open rooms. Also, three rooms are currently being used as Resource Rooms. It appears, that if needed, one or two of these rooms could be repurposed as general education classrooms.

Marshall Hill also has three self-contained special education rooms.

Table 12: Marshall Hill 2022-23 Utilization

| Marshall | 2022 -23 | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
| Hill |  | 21.00 |  | Class Size |
|  |  |  |  |  |
| KG | 36 | 1.71 | 2 | 18 |
| 1 | 53 | 2.52 | 3 | 18 |
| 2 | 42 | 2.00 | 2 | 21 |
| 3 | 39 | 1.86 | 2 | 20 |
| 4 | 40 | 1.60 | 2 | 20 |
| 5 | 36 | 1.44 | 2 | 18 |
| Spec Ed | 12 |  | 3 | 4 |
| Total Enr | 258 |  |  |  |
| Gen Ed/Sp Ed |  |  | 16 |  |
| Art |  |  | 1 |  |
| Music |  |  | 1 |  |
| Resource |  |  | 3 |  |
| SGI |  |  | 1 |  |
| Speech |  |  | 1 |  |
| OT/PT |  |  | 1 |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Rooms Used |  |  | 24 |  |
| Rooms Avail |  |  | 26 |  |
| Difference |  |  | 2 |  |
| Av Cl Sz (K-5) |  |  |  | 19 |

Table 13: Marshall Hill Utilization

| Marshall | $2026-27$ | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
| Hill |  | 21.00 |  | Class Size |
|  |  |  |  |  |
| KG | 38 | 1.81 | 2 | 19 |
| 1 | 41 | 1.95 | 2 | 21 |
| 2 | 44 | 2.10 | 2 | 22 |
| 3 | 45 | 2.14 | 2 | 23 |
| 4 | 44 | 1.76 | 2 | 22 |
| 5 | 56 | 2.24 | 3 | 19 |
| Spec Ed | 16 |  | 3 | 5 |
| Total Enr | 284 |  |  |  |
| Gen Ed/Sp Ed |  |  | 16 |  |
| Art |  |  | 1 |  |
| Music |  |  | 1 |  |
| Resource |  |  | 3 |  |
| SGI |  |  | 1 |  |
| Speech |  |  | 1 |  |
| OT/PT |  |  | 1 |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Rooms Used |  |  | 24 |  |
| Rooms Avail |  |  | 26 |  |
| Difference |  |  | 2 |  |
| Av Cl Sz (K-5) |  |  |  | 21 |

## Paradise Knoll Elementary School

Table 14: Paradise Knoll History and Projection


## Paradise Knoll

Capacity: 370 2022-23 Enrollment = 184 Maximum projected enrollment: 174

Paradise Knoll has 17 standard classrooms of which between 11 and 12 are used for general education (depending on the year). Two of these rooms are used for Resource.

There is one dedicate3d band/music room and one art room not counted in the total classroom count.

Table 15: Paradise Knoll 2021-22 Utilization

| Paradise | 2022-23 | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
| Knoll |  | 21.00 | Class Size |  |
|  |  |  |  |  |
| KG | 26 | 1.24 | 2 | 13 |
| 1 | 34 | 1.62 | 2 | 17 |
| 2 | 37 | 1.76 | 2 | 19 |
| 3 | 20 | 0.95 | 1 | 20 |
| 4 | 40 | 1.60 | 2 | 20 |
| 5 | 27 | 1.08 | 2 | 14 |
| Spec Ed |  |  |  |  |
| Total Enr | 184 |  |  |  |
| Gen Ed |  |  | 11 |  |
| Art |  |  | 1 |  |
| Music/Band |  |  | 1 |  |
| Resource |  |  | 2 |  |
| SGI |  |  | 2 |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Rooms Used |  |  | 17 |  |
| Rooms Avail |  |  | 19 |  |
| Difference |  |  | 2 |  |
| Av Cl Sz (K-5) |  |  |  | 17 |

Table 16: Paradise Knoll 2026-27 Utilization

| Paradise | 2026-27 | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
| Knoll |  | 21.00 |  | Class Size |
|  |  |  |  |  |
| KG | 25 | 1.19 | 2 | 13 |
| 1 | 30 | 1.43 | 2 | 15 |
| 2 | 28 | 1.33 | 2 | 14 |
| 3 | 29 | 1.38 | 2 | 15 |
| 4 | 30 | 1.20 | 2 | 15 |
| 5 | 32 | 1.28 | 2 | 16 |
| Spec Ed |  |  |  |  |
| Total Enr | 174 |  |  |  |
| Gen Ed |  |  | 12 |  |
| Art |  |  | 1 |  |
| Music/Band |  |  | 1 |  |
| Resource |  |  | 2 |  |
| SGI |  |  | 2 |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Rooms Used |  |  | 18 |  |
| Rooms Avail |  |  | 19 |  |
| Difference |  |  | 1 |  |
| Av Cl Sz (K-5) |  |  |  | 15 |

## Upper Greenwood Lake Elementary School

Table 17: Upper Greenwood Lake History and Projection

| Upper Greenwood Lake Elementary School |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Year | K | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | K-5 | SC | PreK | Total |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2016-17$ | 29 | 34 | 43 | 38 | 35 | 37 | 40 | 256 | 38 | 12 | 306 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2017-18$ | 33 | 27 | 36 | 48 | 41 | 39 | 39 | 263 | 31 | 11 | 305 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2018-19$ | 39 | 32 | 27 | 38 | 49 | 40 | 38 | 263 | 34 | 10 | 307 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2019-20$ | 39 | 32 | 32 | 26 | 34 | 46 | 35 | 244 | 42 | 7 | 293 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2020-21$ | 22 | 37 | 36 | 31 | 27 | 36 | 189 | 18 |  | 207 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2021-22$ | 33 | 24 | 37 | 34 | 31 | 25 | 184 | 15 |  | 199 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Year | K | 1 | 2 | 3 | 4 | 5 | K-5 | SC | PreK | Total |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2022-23$ | 33 | 31 | 25 | 37 | 34 | 31 | 191 | 17 |  | 208 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2023-24$ | 33 | 31 | 32 | 25 | 37 | 34 | 192 | 17 |  | 209 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2024-25$ | 32 | 31 | 32 | 32 | 25 | 37 | 189 | 17 |  | 206 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2025-26$ | 31 | 30 | 32 | 32 | 32 | 25 | 182 | 17 |  | 199 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2026-27$ | 30 | 29 | 30 | 31 | 30 | 31 | 181 | 17 |  | 198 |  |

## Upper Greenwood Lake

Capacity: 489 21021-22 Enrollment = 199
Maximum Projected Enrollments: 198
Upper Greenwood Lake has 22 standard classrooms of which 12 are used for general education and 2 for self-contained special education. There is sone room designated for computer, 1 for OT, 1 for PT and one for Guidance. There are, depending upon the year either 3 or four classrooms

Not counted in the classroom counts are specialized rooms for Art, Music/Band, resource,

SGI.

Table 18: Upper Greenwood Lake 2022-23 Utilization

| Upper Greenwood | 2022-23 | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
| Lake |  | 21.00 |  | Class Size |
|  |  |  |  |  |
| KG | 33 | 1.57 | 2 | 17 |
| 1 | 31 | 1.48 | 2 | 16 |
| 2 | 25 | 1.19 | 2 | 13 |
| 3 | 37 | 1.76 | 2 | 19 |
| 4 | 34 | 1.36 | 2 | 17 |
| 5 | 31 | 1.24 | 2 | 16 |
| Spec Ed | 17 |  | 2 |  |
| Total Enr | 208 |  |  |  |
| Gen Ed |  |  | 14 |  |
| Art |  |  | 1 |  |
| Music/Band |  |  | 1 |  |
| Resource |  |  | 1 |  |
| SGI |  |  | 1 |  |
| Computer |  |  | 1 |  |
| OT |  |  | 1 |  |
| PT |  |  | 1 |  |
| Guidance |  |  | 1 |  |
| Rooms Used |  |  | 19 |  |
| Rooms Avail |  |  | 22 |  |
| Difference |  |  | 3 |  |
| Av Cl Sz (K-5) |  |  |  | 16 |

Table 19: Upper Greenwood Lake 2026-27 Utilization

| Upper Greenwood | 2026-27 | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
| Lake |  | 21.00 |  | Class Size |
| KG | 30 | 1.43 | 2 | 15 |
| 1 | 29 | 1.38 | 2 | 15 |
| 2 | 30 | 1.43 | 2 | 15 |
| 3 | 31 | 1.48 | 2 | 16 |
| 4 | 30 | 1.20 | 2 | 15 |
| 5 | 31 | 1.24 | 2 | 16 |
| Spec Ed | 17 |  |  |  |
| Total Enr | 198 |  | 2 |  |
| Gen Ed |  |  | 14 |  |
| Art |  |  | 1 |  |
| Music/Band |  |  | 1 |  |
| Resource |  |  | 1 |  |
| SGI |  |  | 1 |  |
| Computer |  |  | 1 |  |
| OT |  |  | 1 |  |
| PT |  |  | 1 |  |
| Guidance |  |  | 1 |  |
| Rooms Used |  |  | 18 |  |
| Rooms Avail |  |  | 22 |  |
| Difference |  |  | 4 |  |
| Av Cl Sz (K-5) |  |  |  | 15 |

## Westbrook Elementary School

## 228Table 20: Westbrook Enrollment History and Projection

| Westbrook Elementary School |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Year | K | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | K-5 | SC | PreK | Total |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2016-17$ | 36 | 37 | 47 | 53 | 59 | 54 | 54 | 340 |  |  | 340 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2017-18$ | 38 | 36 | 34 | 45 | 53 | 58 | 51 | 315 |  |  | 315 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2018-19$ | 40 | 35 | 38 | 35 | 47 | 51 | 55 | 301 |  |  | 301 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2019-20$ | 30 | 38 | 30 | 42 | 36 | 46 | 54 | 276 |  |  | 276 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2020-21$ | 42 | 34 | 37 | 31 | 42 | 35 |  | 221 |  |  | 221 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2021-22$ | 40 | 47 | 32 | 37 | 34 | 42 |  | 232 |  |  | 232 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Year | K | 1 | 2 | 3 | 4 | 5 |  | K-5 | SC | PreK | Total |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2022-23$ | 38 | 41 | 45 | 33 | 38 | 33 | 228 |  |  | 228 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2023-24$ | 38 | 39 | 39 | 46 | 34 | 37 | 233 |  |  | 233 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2024-25$ | 38 | 39 | 37 | 40 | 48 | 33 | 235 |  |  | 235 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2025-26$ | 39 | 39 | 37 | 38 | 41 | 47 | 241 |  |  | 241 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $2026-27$ | 38 | 39 | 37 | 37 | 38 | 39 | 228 |  |  | 228 |  |

## Summary

Capacity: 550 2022-23 Enrollment $=233$ Maximum Projected Enrollment $=228$
There are a total of 23 full sized classrooms in Westbrook (most of these hare rooms for which walls were constructed to create 2 classrooms post original architectural plans. This building was originally designed to have open spaces.

Based upon enrollment and student grade level distribution it appears that there will be between 1 and 2 open rooms over the next five years.

Table 21: Westbrook 2022-23 Utilization

| Westbrook | $2022-23$ | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 21.00 |  | Class Size |
|  |  |  |  |  |
| KG | 38 | 1.81 | 2 | 19 |
| 1 | 39 | 1.86 | 2 | 20 |
| 2 | 39 | 1.86 | 2 | 20 |
| 3 | 46 | 2.19 | 2 | 23 |
| 4 | 34 | 1.36 | 2 | 17 |
| 5 | 37 | 1.48 | 2 | 19 |
| Spec Ed |  |  |  |  |
| Total Enr | 233 |  |  |  |
| Gen Ed |  |  | 12 |  |
| Art |  |  | 1 |  |
| Music |  |  | 1 |  |
| Resource |  |  | 2 |  |
| SGI |  |  | 2 |  |
| Speech |  |  | 1 |  |
| Guidance |  |  | 1 |  |
| SACC |  |  | 1 |  |
| Science |  |  | 1 |  |
|  |  |  |  |  |
| Rooms Used |  |  | 22 |  |
| Rooms Avail |  |  | 23 |  |
| Difference |  |  | 1 |  |
| Av Cl Sz (K-5) |  |  |  | 20 |

Table 22: Westbrook 2026-27 Utilization

| Westbrook | $2026-27$ | Rooms | Actual | Average |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 21.00 |  | Class Size |
|  |  |  |  |  |
| KG | 38 | 1.81 | 2 | 19 |
| 1 | 39 | 1.86 | 2 | 20 |
| 2 | 37 | 1.76 | 2 | 19 |
| 3 | 37 | 1.76 | 2 | 19 |
| 4 | 38 | 1.52 | 2 | 19 |
| 5 | 39 | 1.56 | 2 | 20 |
| Spec Ed |  |  |  |  |
| Total Enr | 228 |  |  |  |
| Gen Ed |  |  | 12 |  |
| Art |  |  | 1 |  |
| Music |  |  | 1 |  |
| Resource |  |  | 2 |  |
| SGI |  |  | 2 |  |
| Speech |  |  | 1 |  |
| Guidance |  |  | 1 |  |
| SACC |  |  | 1 |  |
| Science |  |  | 1 |  |
|  |  |  |  |  |
| Rooms Used |  |  | 22 |  |
| Rooms Avail |  |  | 24 |  |
| Difference |  |  | 2 |  |
| Av Cl Sz (K-5) |  |  |  | 19 |
|  |  |  |  |  |

## Conclusion

The following points summarize our findings:

- Each of the elementary schools are below capacity. We took the capacity from the district practices indicated in the long-range facility plan.
- There appears to be excess instructional space in most of the buildings.
- The district has low average class sizes which is educationally beneficial, although this may not be the most efficient use of resources (both from a facility and staffing point of view).
- The majority of the schools have two classes per grade level, there are some schools with three on a few grade levels, and there are some grade levels showing only one section on a grade level.
- The enrollment in the district is continuing to decline. Because of the Highlands Act it does not appear that there will be any significant new housing or housing developments built in West Milford in the foreseeable future. It also does not appear that t the sales of existing housing have offset the enrollment decline.
- It is projected that at least three of the elementary school will fall below 200 students by the 2026-27 school year.

Based upon the enrollment trends which have persisted over the last six years and the continuation of the trend for the next five years it would be prudent to consider, at the very least, considering the consolidation or repurposing of at least one of the schools. The two most central schools in the district are Westbrook and Maple Road. After looking at the floor plans and actually doing an onsite visit to both schools it would appear that Westbrook would be the school to be repurposed. The internal structure of the school, which was originally designed as a "school without walls," is less conventional as an elementary school as is Maple Road. Further, it would appear that the building itself is designed and retrofitted (with temporary walls) as to lend itself to renovation for special programs and as a location for program directors and supervisors. Students in Westbrook would have to be rezoned to schools that are easily transportable, have capacity and are the least disruptive to students and families.

One other issue that was discussed was the current situation with the drivers' facility at the transportation center. The issue was the condition of the current existing structure. In my opinion the best option for the district is to replace the structure. The initial cost would be lower than moving the driver lounge to a remote location. Moving drivers offsite (and at a distance from the vehicles) would add additional cost in terms of driver times in that time from any remote location to the bus barn would be part of their hourly rate.


[^0]:    ${ }^{1}$ All data taken from the 2020 United States Census. There Is limited data for Hewitt.

[^1]:    ${ }^{2}$ Birth data provided by the New Jersey Department of Health.

