

QUINCE ORCHARD CLUSTER

SCHOOLS

Quince Orchard High School

Capital Project: Projections indicate that enrollment at Quince Orchard High School will exceed capacity by 200 seats or more by the end of the six-year planning period. An FY 2018 appropriation was approved for a facility planning to conduct a capacity study. Expenditures are approved in the six-year period to open a new high school on the Crown Farm site to address overutilization in the mid-county region. Although an FY 2019 appropriation for planning was recommended by the Board of Education to begin the architectural design for this new school, the County Council delayed the funds by one year to begin in FY 2020. Once the planning is complete, a recommendation will be included in the next full CIP regarding the phasing and completion date for the opening of this new high school.

Rachel Carson Elementary School

Planning Issue: Projections indicate that enrollment at Rachel Carson Elementary School will exceed capacity by over 300 seats throughout the six-year planning period. To address the high enrollment at Rachel Carson Elementary School, the Board of Education approved the expansion of DuFief Elementary School to accommodate the overutilization of Rachel Carson Elementary School. The Board of Education action can be found at the following link: http://gis.mcpsmd.org/cipmasterpdfs/CIP17_AdoptedRachelCarsonESOverutilization.pdf

Capital Project: Expenditures were approved to provide capacity and facility upgrades at DuFief Elementary School. Although the Board of Education requested that the project be completed in September 2021, the County Council delayed the project to September 2022. An 2019 appropriation was approved to begin the architectural design and planning for this project. Relocatable classrooms will be utilized until additional capacity can be added. In order for this project to be completed on this schedule, county and state funding must be provided at the levels approved in this CIP.

Fields Road Elementary School

Capital Project: Previous projections indicated that enrollment at Fields Road Elementary School would exceed capacity by 92 seats or more by the end of the six-year planning period. A feasibility study was conducted in FY 2015 to determine the feasibility, cost, and scope of an addition project. The current space deficit, however, does not meet the minimum threshold of 92 seats or more for consideration of an addition project. Therefore, enrollment will continue to be monitored and relocatable classrooms will be utilized.

Thurgood Marshall Elementary School

Capital Project: Previous projections indicated that enrollment at Thurgood Marshall Elementary School would exceed capacity by 92 seats or more by the end of the six-year planning period. A feasibility study was conducted in FY 2008 to determine the feasibility, cost, and scope of an addition project. Current projections indicate that enrollment is trending down in the six-year period; however, enrollment will exceed capacity slightly above the 92-seat threshold within the same time. Therefore, enrollment will continue to be monitored and relocatable classrooms will be utilized until a capacity project is considered in a future CIP.

| School | Project | Project Status* | Date of Completion |
|-----------|--------------------------------|-----------------|--------------------|
| DuFief ES | Addition and Facility upgrades | Delayed | Sept. 2022 |

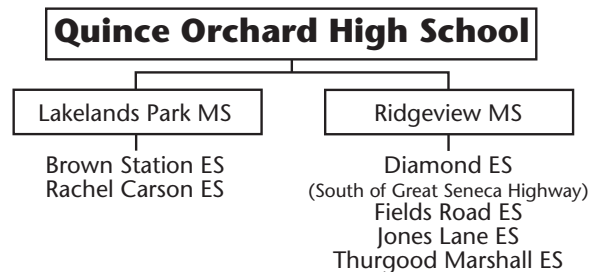
*Approved—Project has an FY 2019 appropriation for planning or construction funds approved in the FY 2019–2024 CIP.

*Delayed—Project has expenditures approved in the FY 2019–2024 CIP but the completion date was delayed by one year.

*Programmed—Project has expenditures programmed in a future year of the CIP for planning and/or construction funds.

*Proposed—Project has facility planning funds approved for a feasibility study.

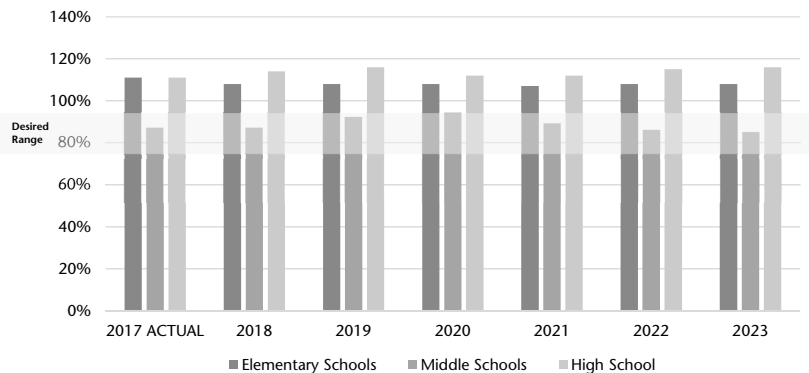
Quince Orchard Cluster Articulation*



*"Cluster" is defined as the collection of elementary schools that articulate to the same high school.

*Diamond (north of Great Seneca Highway) and Darnestown elementary schools also articulate to Lakelands Park Middle School, but thereafter to Northwest High School.

Quince Orchard Cluster School Utilizations



Note: Percent utilization calculated as total enrollment of schools divided by total capacity. Projected capacity factors in capital projects.

QUINCE ORCHARD CLUSTER

Projected Enrollment and Space Availability Effects of the Approved FY 2019–2024 CIP and Non–CIP Actions on Space Available

| Schools | | | Actual | Projections | | | | | | | | |
|----------------------|------|------------------|----------|-------------|-------|-------|-------|-------|-------|-------|-------|------|
| | | | 17–18 | 18–19 | 19–20 | 20–21 | 21–22 | 22–23 | 23–24 | 2027 | 2032 | |
| Quince Orchard HS | | Program Capacity | 1837 | 1837 | 1837 | 1837 | 1837 | 1837 | 1837 | 1837 | 1837 | 1837 |
| | | Enrollment | 2034 | 2085 | 2139 | 2051 | 2049 | 2112 | 2140 | 2130 | 2150 | |
| | | Available Space | (197) | (248) | (302) | (214) | (212) | (275) | (303) | (293) | (313) | |
| | | Comments | See text | | | | | | | | | |
| Lakelands Park MS | | Program Capacity | 1147 | 1147 | 1147 | 1147 | 1147 | 1147 | 1147 | 1147 | 1147 | |
| | | Enrollment | 1105 | 1135 | 1158 | 1171 | 1159 | 1141 | 1158 | 1180 | 1200 | |
| | | Available Space | 42 | 12 | (11) | (24) | (12) | 6 | (11) | (33) | (53) | |
| | | Comments | | | | | | | | | | |
| Ridgeview MS | | Program Capacity | 955 | 955 | 955 | 955 | 955 | 955 | 955 | 955 | 955 | |
| | | Enrollment | 714 | 695 | 777 | 804 | 711 | 664 | 638 | 540 | 400 | |
| | | Available Space | 241 | 260 | 178 | 151 | 244 | 291 | 317 | 415 | 555 | |
| | | Comments | | | | | | | | | | |
| Brown Station ES | CSR | Program Capacity | 761 | 761 | 761 | 761 | 761 | 761 | 761 | | | |
| | | Enrollment | 578 | 585 | 573 | 581 | 575 | 565 | 558 | | | |
| | | Available Space | 183 | 176 | 188 | 180 | 186 | 196 | 203 | | | |
| | | Comments | | | | | | | | | | |
| Rachel Carson ES | | Program Capacity | 691 | 691 | 691 | 691 | 691 | 691 | 691 | | | |
| | | Enrollment | 1031 | 982 | 985 | 984 | 998 | 1011 | 1010 | | | |
| | | Available Space | (340) | (291) | (294) | (293) | (307) | (320) | (319) | | | |
| | | Comments | See text | | | | | | | | | |
| Fields Road ES | CSR | Program Capacity | 457 | 457 | 457 | 457 | 457 | 457 | 457 | | | |
| | | Enrollment | 472 | 477 | 453 | 462 | 466 | 473 | 482 | | | |
| | | Available Space | (15) | (20) | 4 | (5) | (9) | (16) | (25) | | | |
| | | Comments | | | | | | | | | | |
| Jones Lane ES | | Program Capacity | 441 | 441 | 441 | 441 | 441 | 441 | 441 | | | |
| | | Enrollment | 449 | 415 | 447 | 459 | 423 | 436 | 437 | | | |
| | | Available Space | (8) | 26 | (6) | (18) | 18 | 5 | 4 | | | |
| | | Comments | | | | | | | | | | |
| Thurgood Marshall ES | | Program Capacity | 558 | 558 | 558 | 558 | 558 | 558 | 558 | | | |
| | | Enrollment | 686 | 679 | 672 | 660 | 653 | 655 | 662 | | | |
| | | Available Space | (128) | (121) | (114) | (102) | (95) | (97) | (104) | | | |
| | | Comments | | | | | | | | | | |
| Cluster Information | | HS Utilization | 111% | 114% | 116% | 112% | 112% | 115% | 116% | 116% | 117% | |
| | | HS Enrollment | 2034 | 2085 | 2139 | 2051 | 2049 | 2112 | 2140 | 2130 | 2150 | |
| | | MS Utilization | 87% | 87% | 92% | 94% | 89% | 86% | 85% | 82% | 76% | |
| | | MS Enrollment | 1819 | 1830 | 1935 | 1975 | 1870 | 1805 | 1796 | 1720 | 1600 | |
| | | ES Utilization | 111% | 108% | 108% | 108% | 107% | 108% | 108% | 92% | 92% | |
| ES Enrollment | 3216 | 3138 | 3130 | 3146 | 3115 | 3140 | 3149 | 2670 | 2670 | | | |

QUINCE ORCHARD CLUSTER

Demographic Characteristics of Schools

| Schools | 2017-2018 | | | | | | | | 2016-2017 |
|---------------------------------|------------------|---------------------|-----------------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| | Total Enrollment | Two or more races % | Black or Afr. Amer. % | Asian% | Hispanic % | White % | FARMS%* | ESOL%** | Mobility Rate%*** |
| Quince Orchard HS | 2034 | 4.4% | 15.1% | 13.5% | 26.8% | 40.1% | 21.3% | 11.7% | 11.8% |
| Lakelands Park MS | 1105 | 5.0% | 15.2% | 16.0% | 22.1% | 41.7% | 22.7% | 5.3% | 11.6% |
| Ridgeview MS | 714 | 4.9% | 14.7% | 12.9% | 26.8% | 40.6% | 27.5% | 7.0% | 9.7% |
| Brown Station ES | 578 | 2.8% | 26.0% | 13.0% | 47.4% | 10.7% | 66.8% | 32.2% | 25.5% |
| Rachel Carson ES | 1031 | 7.9% | 8.6% | 16.2% | 19.9% | 47.3% | 20.6% | 13.1% | 10.9% |
| Fields Road ES | 472 | 4.4% | 17.8% | 15.5% | 35.6% | 26.5% | 43.0% | 25.0% | 15.5% |
| Jones Lane ES | 449 | 5.8% | 13.8% | 9.1% | 27.6% | 43.4% | 26.3% | 18.3% | 6.6% |
| Thurgood Marshall ES | 686 | 4.7% | 18.7% | 17.1% | 27.1% | 31.9% | 33.1% | 15.6% | 16.4% |
| Elementary Cluster Total | 3216 | 5.5% | 16.0% | 14.7% | 29.8% | 33.9% | 35.6% | 19.5% | 14.3% |
| Elementary County Total | 76740 | 5.3% | 21.5% | 14.0% | 32.4% | 26.5% | 39.1% | 25.1% | 14.1% |

*Percent of students approved for Free and Reduced-priced Meals Program (FARMS) during the 2017-2018 school year.

**Percent of English for Speakers of Other Languages (ESOL) during the 2017-2018 school year. High School students are served in regional ESOL centers.

***Mobility Rate is the number of entries plus withdrawals during the 2016-2017 school year compared to total enrollment.

Notes: Native Hawaiian/Pacific Islander and American Indian/Alaskan Native categories total less than 1% and were therefore excluded from the table.

Due to federal and state guidelines, demographic characteristics of schools of less than or equal to 5 students per category are reported as 0%.

Program Capacity Table

(School Year 2017-2018)

| Schools | Special Education Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----------------------------|---------------------------|-------------|---------------|-----------------------|------------------------|--------------------|-----------|-----------|--------|--------------|----------|----------|----------|--------------|---------------|--------------------|---------|--------|-------|-------------------------|------------|---------|----------|---------------|-----------|-------|-------|---------|---------|------------------------|-------|--|--|---|---|---|---|
| | Grades Served | Capacity (HS @90% MS@85%) | Total Rooms | Support Rooms | Regular Secondary @25 | Regular Elementary @23 | CSR Grades 1-2 @18 | Pre-K @20 | Pre-K @40 | HS @20 | CSR KIND @18 | KIND @22 | ESOL @15 | METS @15 | School Based | Cluster Based | Quad Cluster Based | | | | County & Regional Based | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | ELEM LAD @13 | ELC @10 | LANG @12 | LFI @10 | SCB @6 | AAC@7 | AUT @6 | BRIDGE @10 | DHOH @7 | SESS @10 | EXTENSIONS @6 | GT/LD @13 | PD @7 | PEP@6 | PEP @12 | PEP @18 | VISION (Elementary) @7 | OTHER | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quince Orchard HS | 9-12 | 1837 | 87 | | 78 | | | | | | | | 3 | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lakelands Park MS | 6-8 | 1147 | 57 | | 53 | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Ridgeview MS | 6-8 | 955 | 48 | | 44 | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| Brown Station ES | HS-5 | 761 | 41 | 3 | | 16 | 10 | 2 | 1 | 4 | | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| Rachel Carson ES | PreK-5 | 691 | 35 | 4 | | 22 | | | 1 | | | 6 | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Fields Road ES | PreK-5 | 457 | 30 | 4 | | 8 | 8 | 1 | | 4 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Jones Lane ES | K-5 | 441 | 27 | 5 | | 14 | | | | | | 3 | | 1 | | | 4 | | | | | | | | | | | | | | | | | | | | 4 | |
| Thurgood Marshall ES | K-5 | 558 | 32 | 3 | | 17 | | | | | | 4 | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 3 | 3 |

QUINCE ORCHARD CLUSTER

Facility Characteristics of Schools 2017–2018

| Schools | Year Facility Opened | Year Reopened/ Revitalized | Total Square Footage | Site Size Acres | Adjacent Park | Reloc-atable Classrooms | County Programs | Home School Model |
|----------------------|----------------------|----------------------------|----------------------|-----------------|---------------|-------------------------|-----------------|-------------------|
| Quince Orchard HS | 1988 | | 284,912 | 30.1 | | 4 | | |
| Lakelands Park MS | 2005 | | 153,588 | 8.11 | Yes | | | |
| Ridgeview MS | 1975 | | 145,168 | 20 | | 4 | | |
| Brown Station ES | 1969 | 2017 | 113,998 | 9 | Yes | | | Yes |
| Rachel Carson ES | 1990 | | 78,547 | 12.4 | | 11 | | Yes |
| Fields Road ES | 1973 | | 72,302 | 10 | | 4 | | Yes |
| Jones Lane ES | 1987 | | 60,679 | 12.1 | | 2 | | Yes |
| Thurgood Marshall ES | 1993 | | 77,798 | 12 | | 5 | | Yes |