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**CONNECTICUT STATE BOARD OF EDUCATION
Hartford**

TO: State Board of Education
FROM: Dr. Miguel A. Cardona, Commissioner of Education
DATE: November 6, 2019
SUBJECT: Fairfield Racial Imbalance Plan Update

Executive Summary

The Fairfield Board of Education (Fairfield Board) has been implementing its plan to correct racial imbalance at McKinley Elementary School (McKinley). McKinley was first identified as racially imbalanced in April 2007, and the Fairfield Board was thus required to submit a plan to correct the imbalance to the Connecticut State Board of Education (SBE). Over the past twelve years, the Fairfield Board has amended its plan several times to address the ongoing racial imbalance.

In its plan, as currently amended, the Fairfield Board proposed creating a magnet program at McKinley that would enable the school to attract students from other attendance zones in the district. The Fairfield Board anticipates that additional students could enroll in such a magnet program, resulting in a reduction of the school's minority population by approximately two to three percentage points. In addition, the Fairfield Board proposed redistricting, which was contingent upon completing school building expansion projects at Mill Hill School and Holland Hill School to increase capacity. Upon completion of these expansion projects, the Fairfield Board anticipates that it will be able to revise school attendance areas to balance enrollments and to reduce significantly the extent of the imbalance between McKinley and the other elementary schools.

On September 6, 2017, the SBE conditionally approved the Fairfield Board's amendment to its plan, requiring the Fairfield Board to provide the SBE with updates on its progress in implementing the plan. The Fairfield Board has submitted an update on its progress, attached hereto as Exhibit A.

Background

In considering the Fairfield Board's update on its racial imbalance plan, the SBE may find it useful to consider the legal and factual context in which this matter arises.

Overview of Connecticut Racial Imbalance Laws

Since 1969, Connecticut law has required every school district to take appropriate measures to prevent or eliminate the racial imbalance that occurs when the racial composition of one school is significantly different from that of the district as a whole.

Under the regulations adopted by the SBE to implement the racial imbalance laws, racial imbalance exists when the proportion of minority students for any school exceeds 25 percentage points more or less than the comparable proportion for the school district. For all grades of a given school, the total number of minority students enrolled in the same grades throughout the school district is divided by the district-wide total student enrollment in such grades, and the resulting percentage is the comparable proportion for the school district.

The SBE's role is to identify districts with racial imbalance issues, ensure that a district develops a legally sound and effective plan to correct the racial imbalance and, as appropriate, provide technical assistance to districts. The racial imbalance laws give districts flexibility in how they address racial imbalance, provided that their plans are approved by the SBE.

McKinley and Prior Efforts to Correct Racial Imbalance

McKinley was identified as racially imbalanced in April 2007. Over the past twelve years, the Fairfield Board submitted its original plan to correct the imbalance, and amended that plan several times to address the ongoing racial imbalance.

In its original plan to address the racial imbalance at McKinley, the Fairfield Board proposed an opt-in/opt-out policy that gave McKinley parents the opportunity to transfer their children to one of three elementary schools identified by the Fairfield Board. However, this plan did not substantially reduce the racial imbalance, and as a result, in April 2010, former Commissioner Mark McQuillan directed the Fairfield Board to submit an amendment to its plan. In its amendment, which was approved by the SBE in February 2011, the Fairfield Board proposed to expand the pre-school program for low-income students at Burr Elementary School from twenty to thirty-six students. The Fairfield Board also planned to merge the McKinley pre-school program with the Early Childhood Center at Warde High School. This proposal was implemented in September 2011. The effect of these changes, however, did not substantially reduce the racial imbalance at McKinley. Therefore, former Commissioner McQuillan again directed the Fairfield Board to amend its plan in May 2012.

In February 2013, the Fairfield Board amended its plan again by expanding the opportunities for McKinley parents to enroll their children in pre-school programs at other elementary schools. The racial imbalance at McKinley nevertheless increased. Because of this increase, former Commissioner Wentzell asked the Fairfield Board, in May 2015, to review and amend its plan for the SBE's approval. In July 2015, the Fairfield Board requested and received an extension of time to engage the community in a discussion regarding a more effective solution for the racial imbalance at McKinley. The Fairfield Board presented a summary of the status of its progress and proposed next steps at the SBE meeting on May 4, 2016.

Thereafter, the Fairfield Board was directed to submit a proposed amendment to its plan. As noted, at the January 4, 2017 SBE meeting, the Fairfield Board presented its amendment, which was approved with the condition that it submit a revised amendment within 120 days. The revised amendment was approved at the SBE meeting on September 6, 2017, conditioned upon the Fairfield Board providing periodic updates to the SBE and the Commissioner of Education.

The table below shows the extent by which the minority enrollment percentage at McKinley exceeded the district-wide minority enrollment percentage for elementary grades in Fairfield since 2006. As noted, when this figure exceeds 25 percentage points, racial imbalance exists.

2006	2007	2008	2009	2010	2011	2012
28.74	27.40	25.45	28.70	25.81	26.81	24.41
2013	2014	2015	2016	2017	2018	
26.48	28.56	27.18	30.02	28.39	29.85	

The Division of Legal and Governmental Affairs shall continue to monitor the Fairfield Board's progress in implementing its plan. This review will include annual monitoring to assess the Fairfield Board's progress in its plan to eliminate racial imbalance, and such other actions as may be directed by the Commissioner.

Prepared by:

Laura L. Anastasio, Attorney
Division of Legal and Governmental Affairs

Approved by:

Jessa Mirtle, Director
Division of Legal and Governmental Affairs

EXHIBIT A



Michael Cummings
Superintendent of Schools

August 28, 2019

Attorney Laura Anastasio
Connecticut State Department of Education
Division of Legal and Governmental Affairs
PO Box 2219
Hartford, CT 06145-2219

Dear Attorney Anastasio:

This is to provide an update on Fairfield Public Schools' Racial Imbalance Plan, as requested in the June 20, 2019 memo from Commissioner Wentzell. In September 2017, Fairfield presented its amended Racial Imbalance Plan to the State Board of Education, and the plan continues to progress:

- 1) In October 2017, the Board of Education created an ad hoc committee to explore long-term options for facility use. The consulting firm of Milone and MacBroom presented redistricting options to the committee and the BoE. Scenarios to resolve racial imbalance were explored through potential school closures, pocket redistricting and school pairings. Public meetings were held to discuss school pairing with McKinley Elementary School and Jennings Elementary School.
- 2) The Board is committed to determining the preferred district-balance method in the upcoming year (2019-2020). The Board has retained Milone and McBroom to update enrollment projections as preparation for developing redistricting scenarios for consideration this year.

After the completion of construction projects and with updated enrollment projections, the district is on track to meet the 2020 timeline to have a methodology for balancing the district.
(Exhibit A)

- 3) In 2019-2020, the special and general education preschools will be combined and the unified preschool program will be located at Warde High School and Stratfield Elementary School. Both Warde and Stratfield are more centrally located and allow greater access for McKinley families. Updated enrollment projections will determine future placement of the program, which may also be part of the redistricting initiative. Previously, the general education preschool was located at Burr and Dwight Elementary Schools. Several McKinley participants chose to remain at those schools through 5th grade, positively impacting racial imbalance.
- 4) An elementary school survey collected input on magnet program options. Of the 1,548 responses, 74.49% showed an interest in a STEAM magnet program. *(Exhibit B)*

- 5) Open Choice K-12 enrollment is currently 80 students.
- 6) The State Board of Education recognized McKinley Elementary for closing the achievement gap and identified McKinley Elementary as a School of Distinction for 2017-2018. Its program has been studied for closing the gap at a higher rate than many of our other schools.
- 7) Construction projects are on time as planned. The construction projects are necessary to optimize facility utilization, thereby alleviating overcrowding at several school sites and resolving the racial imbalance at McKinley Elementary.
 - a. Holland Hill Elementary School is currently under construction. The renovation and expansion project was approved at \$18,500,000, with a scheduled completion date of December 2020. *(Exhibit C)*
 - b. The Mill Hill Elementary School project was approved in 2017-2018, with \$1,500,000 in planning funds for renovation and possible expansion. The project is expected to be out for bid in 2019-20 with construction starting in the winter. The Town of Fairfield elected officials have reduced the scope of the project from a school that would enroll up to 504 students to a projected enrollment of 441. This will be addressed as part of the guidance we receive from Milone and McBroom in their enrollment projections. *(Exhibit D)*
 - c. The 3rd phase of the Roger Sherman Elementary School renovation was approved in 2017-2018, with a cost of \$3,200,000. The building committee has been approved and work has begun. The scheduled completion date is September 2020. *(Exhibit E)*

Fairfield Public Schools will continue with integrity to implement the plan and adhere as closely as possible to the timeline, as presented to the State Board of Education. I would be happy to answer any questions you may have on the above. Please feel free to reach out to me at any time to discuss further.

Sincerely,

Mike Cummings

Michael Cummings
Superintendent of Schools
Fairfield Public Schools

*c: Commissioner of Education, Dr. Miguel Cardona
Fairfield Board of Education*

Attachments

MC:mb



Facility Planning Update

April 3, 2018



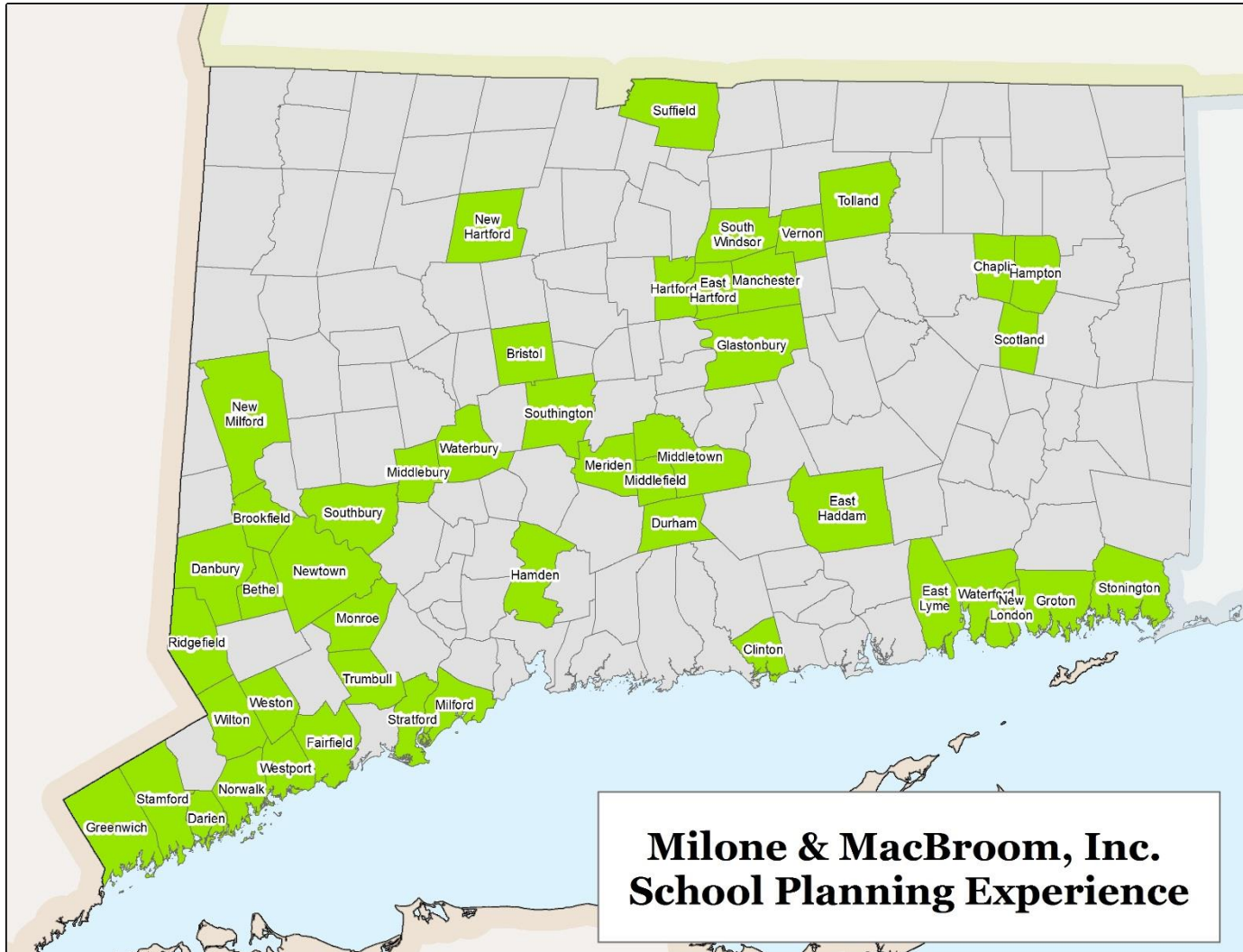
MMI School Planning Experience

Our experience developing enrollment studies in the following areas:

- Comprehensive Enrollment Projections
- Facility Utilization Studies
- Long Range Plans
- Redistricting & Reconfiguration Plans



MMI School Planning Experience





Summary of Previous Efforts



Timeline

2016 Scenario Planning

- District amended its state-mandated Racial Balance Plan in 2016
- Tested several comprehensive redistricting scenarios for long-term viability
 - Tested scenarios with and without school construction projects at Holland Hill and Mill Hill

2017-18 Scenario Planning

- Created additional scenarios that were not investigated as part of the 2016 Scenario Planning
- Assessed potential cost-savings measures in light of state budget including school closures, school paring, pocket redistricting, and grade reconfiguration options



Guiding Principles

Guiding Principles (1) -

- Strive to maintain established neighborhoods and consider natural and manmade boundaries (rivers, highways)
- Consider the impact on busing and walkers
- Safety issues should be considered
- Phase out all temporary solutions (portables)
- Strive for sustained facility utilization at 90%
- Siblings should attend same schools – avoid crossing feeder patterns
- Maintain District Guidelines for class size
- Create the least amount of disruption

*(1) Adhoc Redistricting Committee - Redistricting: Guiding Principles
(Approved by BOE, November 17, 2015)*



Racial Balance

Connecticut's Racial Balance Law

- Outlined in Connecticut General Statutes § 10-226
- Schools whose minority composition varies by 25% or more from the district's minority composition for the same grades are considered racially imbalanced
 - Districts with racial imbalances need to submit a plan to the CSDE addressing how imbalance will be corrected – Fairfield last amended their plan in 2016
 - McKinley has been designated as racially imbalanced for 7 out of the last 8 school years



2016 Scenario Planning

Long-Term Solutions

- Comprehensive redistricting identified as a long-term solution to address overcrowding and alleviate racial imbalance while adhering to District's guiding principles
 - Requires construction of two 504-student schools at Holland Hill and Mill Hill
 - Alleviates racial imbalance at McKinley to less than 20% of the district average
 - Allows the district to address overcrowding and remove portable classrooms at all schools
 - Would require comprehensive redistricting of between 15% and 20% of elementary school students



Conceptual Redistricting Options

No New Construction at Holland Hill or Mill Hill

- Does not get McKinley within 20% of district average for racial balance
- Does not address overcrowding or remove portables
- **Not a viable solution to overcrowding and racial balance**

New Construction only at Holland Hill (504)

- Does not get McKinley within 20% of district average for racial balance
- Does not address overcrowding at Sherman or Mill Hill
- Portables can be removed at Holland Hill but remain at Mill Hill
- **Not a viable solution to overcrowding and racial balance**

New Construction at both Holland Hill (504) and Mill Hill (504)

- Gets McKinley under 20% of district average for racial balance
- Addresses overcrowding at Sherman and allows district to remove all portable classrooms
- **Two redistricting scenarios identified as being viable solutions to overcrowding and racial balance**

Existing Districts

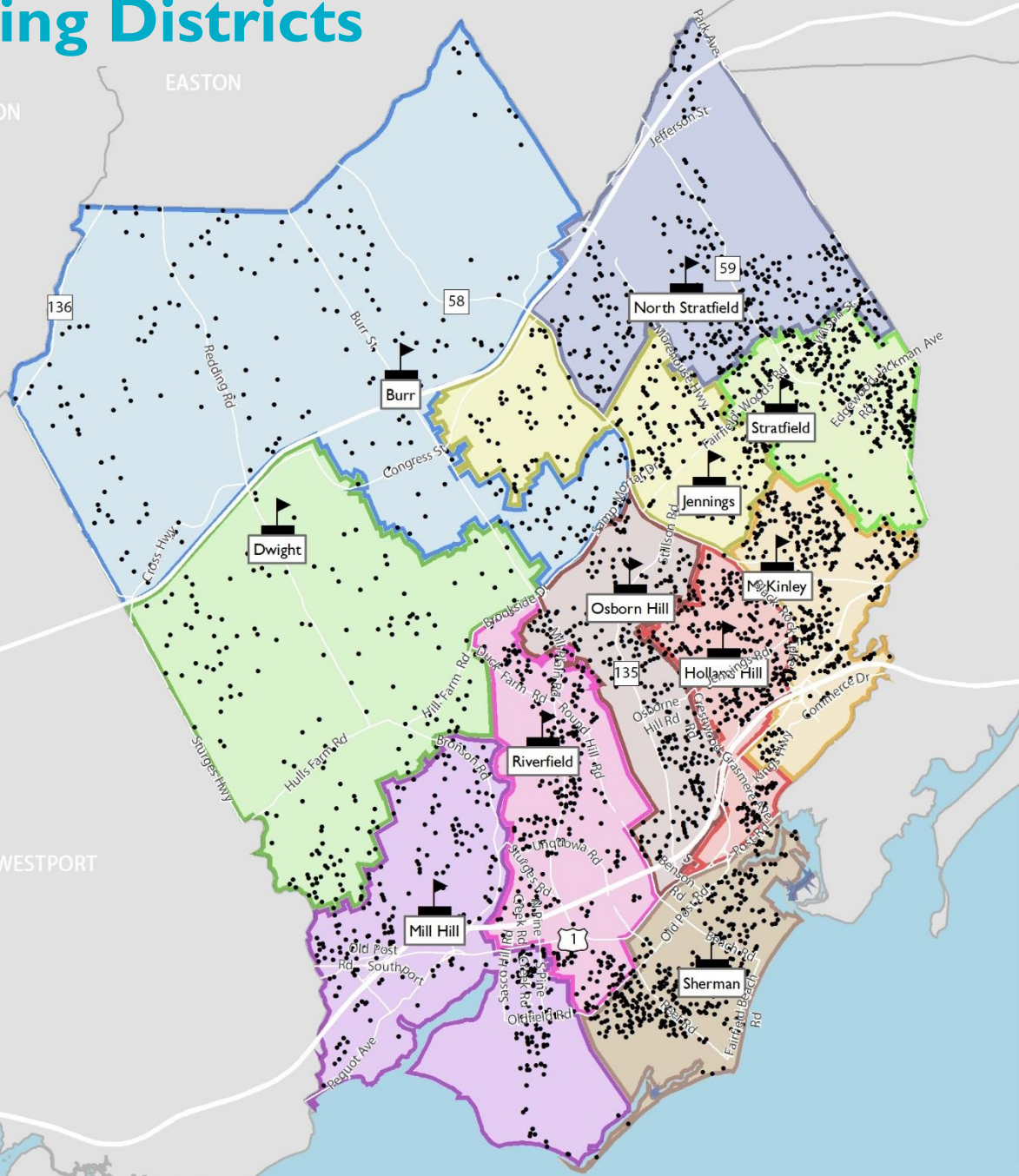
WESTON

EASTON

TRUMBULL








BRIDGEPORT

WESTPORT



Fairfield Public Schools
Enrollment and Facilities Planning

Existing Districts

- | | |
|--|--|
|  Burr |  North Stratfield |
|  Dwight |  Osborn Hill |
|  Holland Hill |  Riverfield |
|  Jennings |  Sherman |
|  McKinley |  Stratfield |
|  Mill Hill | |

For general planning purposes only. Delineations may not be exact.

Data Source: Fairfield Public Schools, Streetsmap USA

Existing Districts

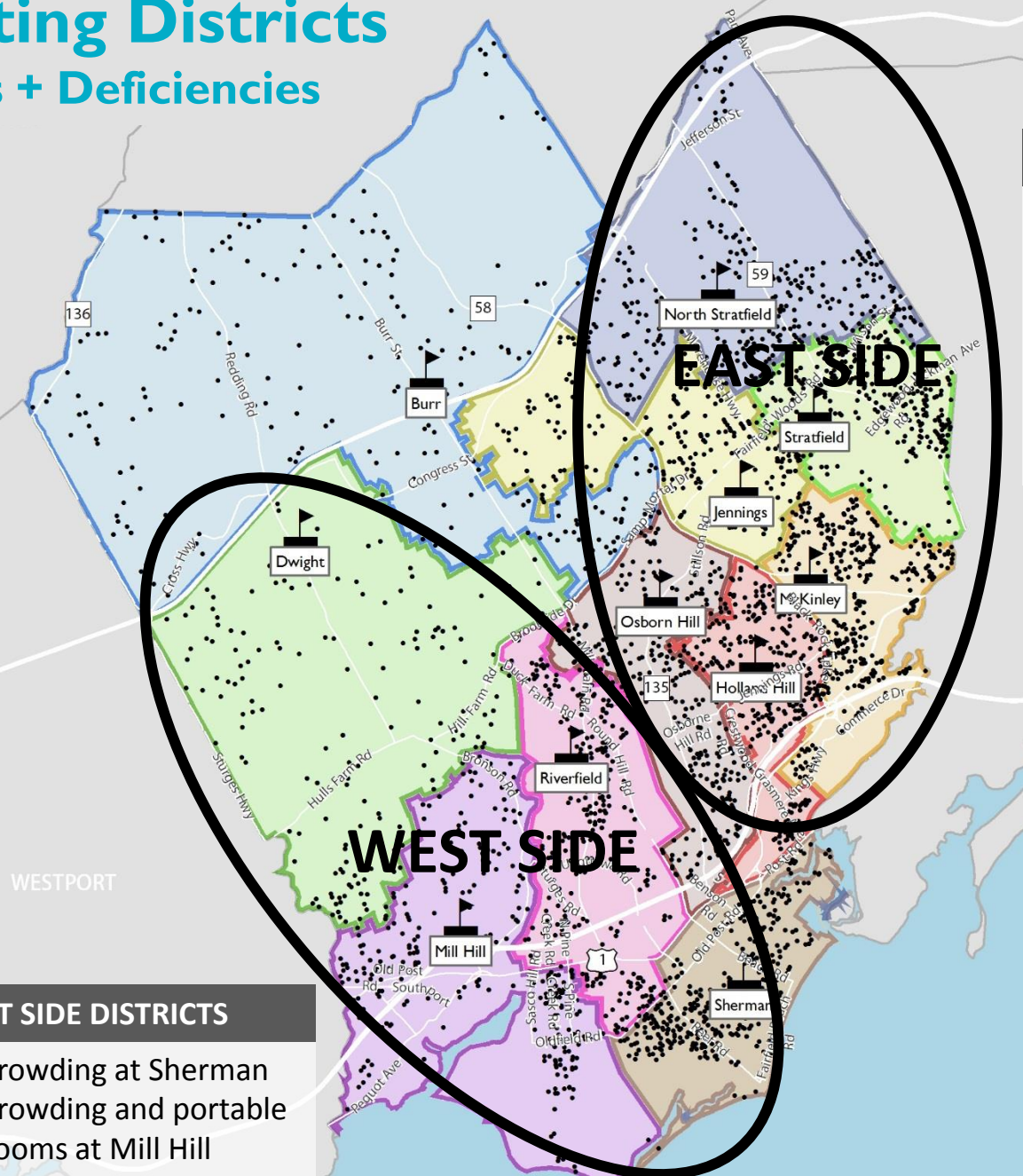
Needs + Deficiencies

WEST SIDE DISTRICTS

- Overcrowding at Sherman
- Overcrowding and portable classrooms at Mill Hill

EAST SIDE DISTRICTS

- **Racial imbalance** at McKinley
- Possible **impending racial imbalance** at Holland Hill
- Overcrowding and portables at existing Holland Hill



 **Fairfield Public Schools**
Enrollment and Facilities Planning

Existing Districts

	Burr		North Stratfield
	Dwight		Osborn Hill
	Holland Hill		Riverfield
	Jennings		Sherman
	McKinley		Stratfield
	Mill Hill		

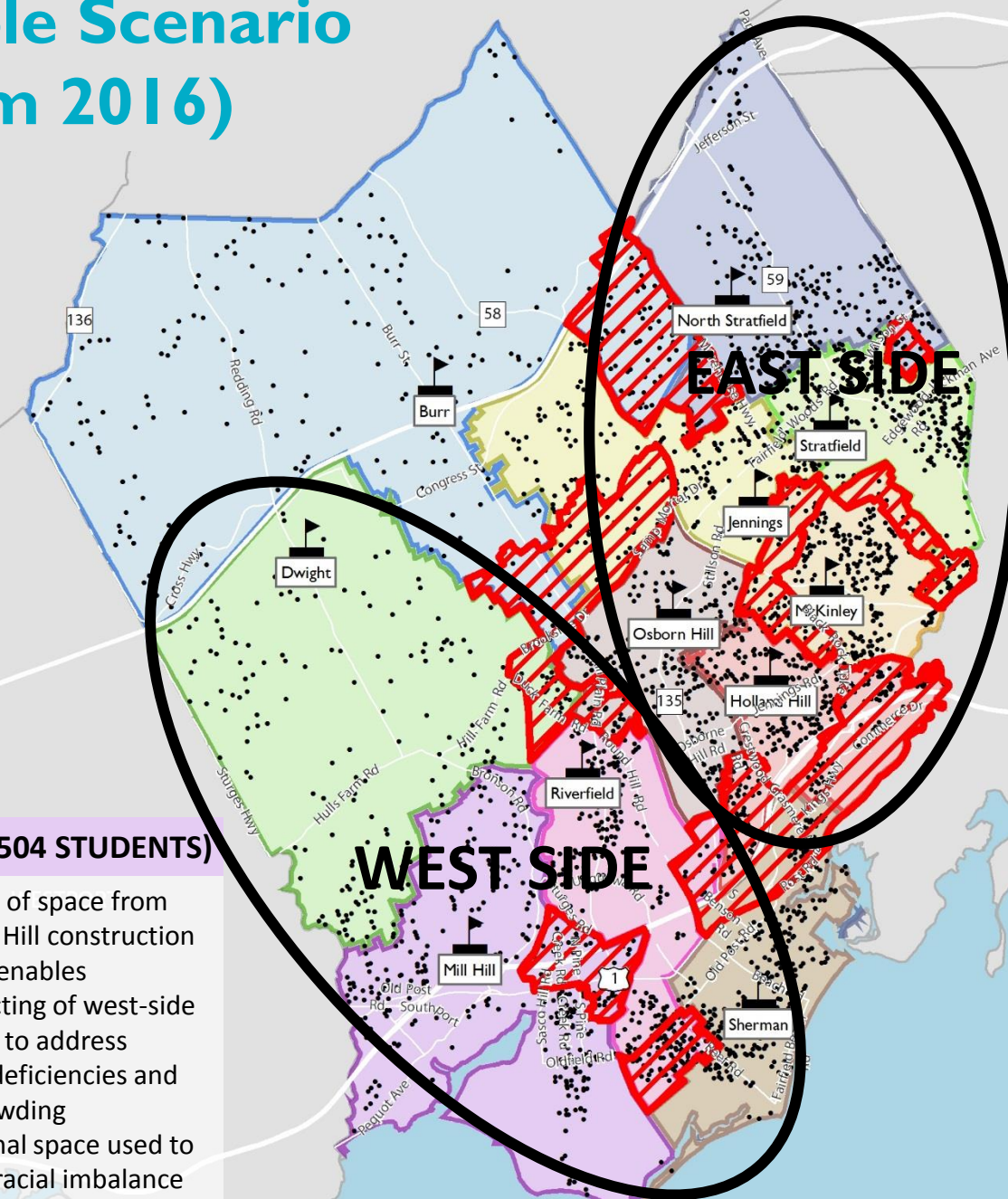
For general planning purposes only. Delineations may not be exact.

Data Source: Fairfield Public Schools, Streetsmap USA

Viable Scenario (from 2016)

MILL HILL (504 STUDENTS)

- Infusion of space from the Mill Hill construction project enables redistricting of west-side districts to address facility deficiencies and overcrowding
- Additional space used to reduce racial imbalance at McKinley



HOLLAND HILL (504 STUDENTS)

- Infusion of space from the Holland Hill construction project enables the redistricting of east-side districts to address racial imbalance at McKinley.
- Holland Hill construction project alone not enough to reduce McKinley racial imbalance to under 20% of district average



Fairfield Public Schools
Enrollment and Facilities Planning

Scenario F (2016)

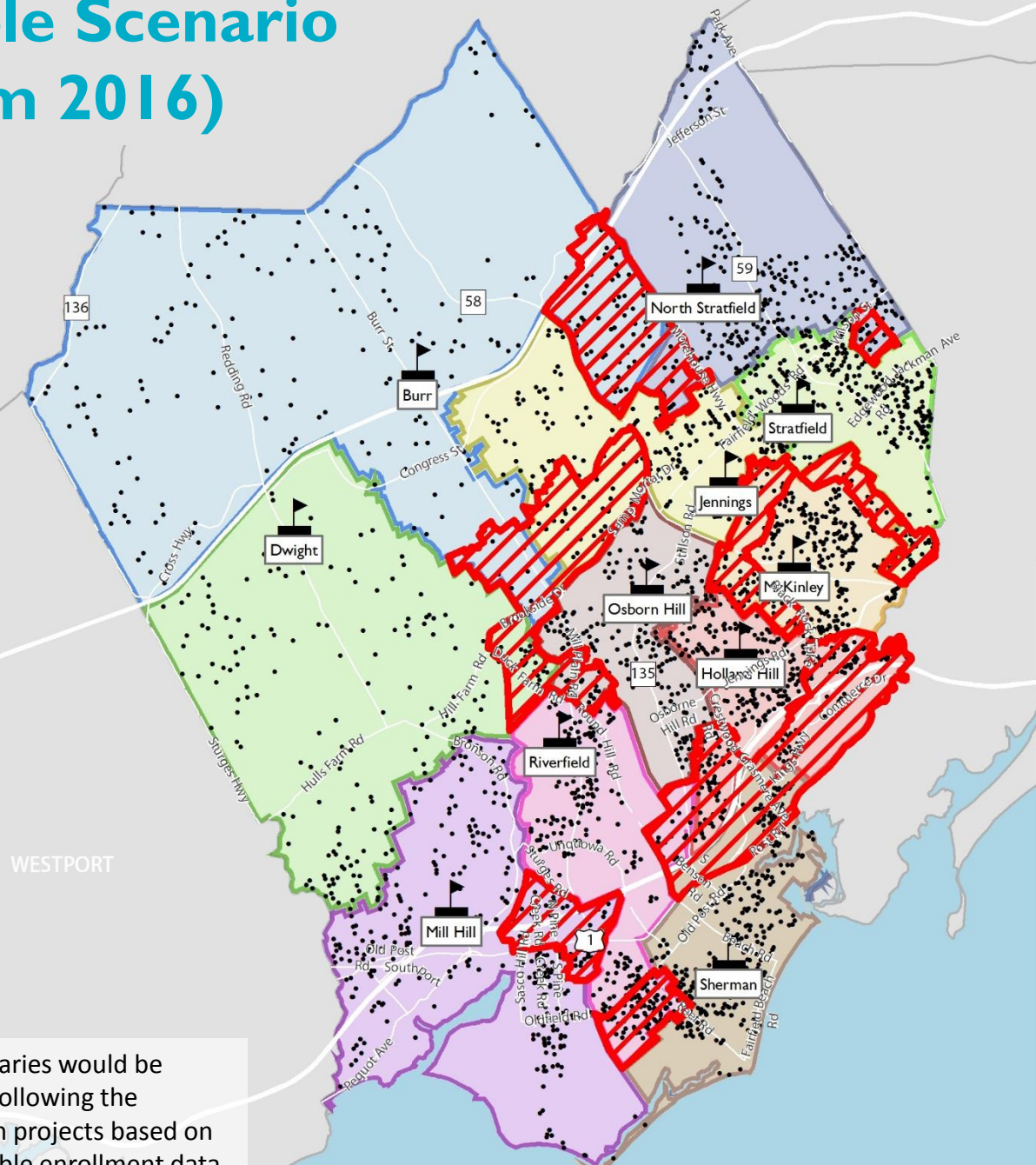
Burr	North Stratfield
Dwight	Osborn Hill
Holland Hill	Riverfield
Jennings	Sherman
McKinley	Stratfield
Mill Hill	Area of Change

For general planning purposes only. Delineations may not be exact.

Data Source: Fairfield Public Schools, Streetsmap USA

Viable Scenario (from 2016)

~20% of elementary school students would be redistricted under this scenario



Fairfield Public Schools
Enrollment and Facilities Planning

Scenario F (2016)

- | | | | |
|--|--------------|--|------------------|
| | Burr | | North Stratfield |
| | Dwight | | Osborn Hill |
| | Holland Hill | | Riverfield |
| | Jennings | | Sherman |
| | McKinley | | Stratfield |
| | Mill Hill | | Area of Change |

For general planning purposes only. Delineations may not be exact.

Data Source: Fairfield Public Schools, Streetsmap USA



Final boundaries would be developed following the construction projects based on latest available enrollment data



2017 Scenario Planning

Tested additional scenarios that were not examined in the 2016 conceptual redistricting options – focus was on testing structural changes

- Assessed potential cost-savings measures in light of state budget including school closures, school paring, pocket redistricting, and grade reconfiguration options
- School-pairing of McKinley with Jennings (K-2, 3-5) was identified as a sustainable long-term solution to racial imbalance
 - Deviates from current K-5 neighborhood based educational model
 - Requires further architectural study
- Three other options were determined to be feasible at achieving cost savings or addressing school overcrowding, but **did not address racial imbalance at McKinley**

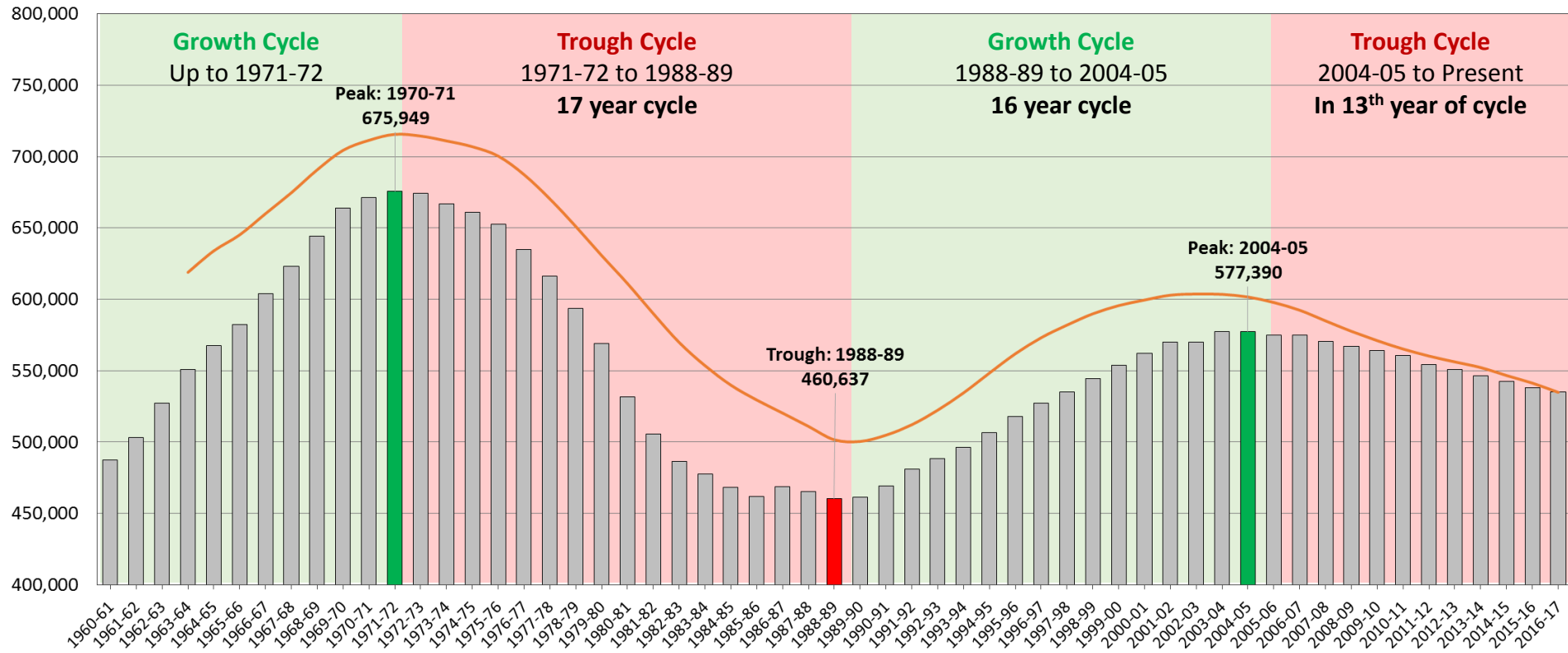


Enrollment Trends and Projections



State Enrollment Trends

Public School Enrollment in Connecticut: 1960 to 2016



Data Sources: 1960-61 through 2014-15 data provided by the National Center for Education Statistics - Enrollment in Public Elementary and Secondary Schools, by State
 2014-15 through 2016-17 enrollment data is estimated based on Connecticut State Department of Education enrollment.

Legend:
 ■ CT Public School Enrollment
 — Sum of Birth Years Corresponding to K-12 Enrollment

“Baby Boom” enters school – enrollments surge in the 1960s

“Baby Bust” of the late 1960s and 1970s enters school and leads to enrollment declines

“Echo Boom” (millennials) begin entering school, leading to another growth cycle

“Echo Bust” in 13th year of cycle – are we nearing the end of a cycle?



Projections Comparison

Elementary School Projections Comparison

Grade	K	1	2	3	4	5	K-5 Total
Actual Enrollment	631	674	697	719	771	743	4,235
Projected Enrollment	637	668	681	715	778	741	4,220
Difference	(6)	6	16	4	(7)	2	15

0.3% deviation

Enrollment data provided by Fairfield Public Schools as of October 1, 2017

Middle School Projections Comparison

Grade	6	7	8	6-8 Total
Actual Enrollment	893	778	787	2,458
Projected Enrollment	890	781	772	2,443
Difference	3	(3)	15	15

0.6% deviation

Enrollment data provided by Fairfield Public Schools as of October 1, 2017

High School Projections Comparison

Grade	9	10	11	12	9-12 Total
Actual Enrollment	762	721	775	803	3,061
Projected Enrollment	746	720	777	783	3,026
Difference	16	1	(2)	20	35

1.2% deviation

Enrollment data provided by Fairfield Public Schools as of October 1, 2017



Projections Buildings Blocks

Starting Data

Critical to the overall accuracy of the projections, as each year builds upon the last

District Projections

**Town of
Fairfield
Births**

*Obtained from CT
DPH*

**Historic
Enrollment
Trends**

*Obtained from FPS
and CT SDE*

Individual School Projections

**Geolocated
Birth Data**

*Obtained from CT
DPH and address
matched*

**Geolocated
Enrollment
Data**

*Obtained from FPS
and address matched*

Projection Assumptions

Several projection models are developed by applying different persistency ratios to building blocks

**5-Year
Average**

**3-Year
Average**

**3-Year
Weighted**

Blended

Demographic and Housing Data

Used to inform model selection and birth projections

**Unemployment
(Town, Region)**

**Housing Permit
Activity**

**Home Sales
(1-family,
condos)**

**Women of Child-
Bearing Age +
Fertility Rates**

**Population
Projections &
Development
Capacity**



Persistency Ratios

- Persistency ratios are calculated from historic enrollment data to determine growth or loss in a class as it progresses through school system
- Persistency ratios account for the various external factors affecting enrollments, including housing characteristics, residential development, economic conditions, student transfers in and out of the system, and student mobility
- Persistency Ratio of 1.0 means cohort size remains the same; 1.05 means the cohort size increases by 5%, or a cohort of 100 grows to 105 the following year
- Changes in population, housing stock and tenure, and economic conditions help explain persistency ratios

School Year	K	1	2	3	4	5	6
2011-12	800	785	735	810	763	851	843
2012-13	803	841	774	742	820	770	863
2013-14	723	763	858	776	749	824	780
2014-15	686	751	714	870	782	756	808
2015-16	649	693	759	759	873	774	765
2016-17	641	676	702	775	757	886	787
2017-18	631	674	697	719	771	743	893

The table to the left shows how a grade cohort grows from year to year, indicating persistency ratios over 1.0. This accounts for the variety of external factors that affect enrollments, including home sales, residential development and student transfers into and out of the system



Persistence Ratios

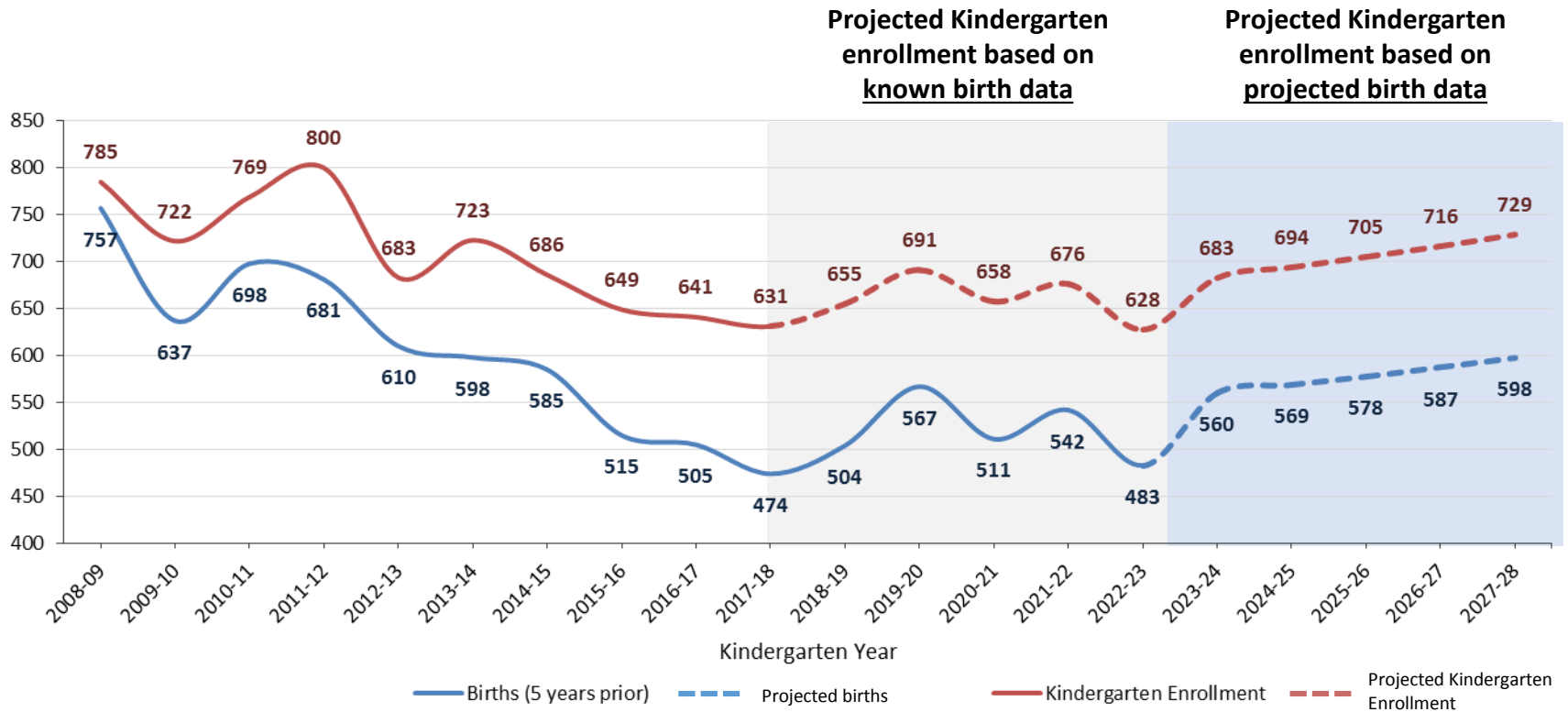
Kindergarten through 12th Grade Persistence Ratios by School Year
2002-2003 to 2017-18

Year	Birth-K	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	Est. of Migration
2002-03		1.0367	1.0127	1.0056	1.0030	1.0000	1.0123	0.9958	1.0000	0.9213	0.9715	0.9728	1.0109	0.27%
2003-04		1.0388	1.0105	0.9972	0.9834	0.9760	0.9871	1.0046	0.9789	0.9485	0.9984	0.9780	0.9795	-1.22%
2004-05		1.0013	1.0097	1.0013	0.9734	1.0154	1.0108	1.0174	1.0015	0.9497	0.9885	0.9836	1.0150	0.31%
2005-06	0.9558	1.0577	0.9899	0.9822	0.9948	0.9899	1.0097	1.0061	1.0043	0.9849	0.9652	0.9750	0.9799	-0.23%
2006-07	1.0579	1.0062	0.9839	1.0281	1.0209	1.0013	1.0174	0.9945	1.0000	0.9986	0.9508	1.0047	0.9778	1.06%
2007-08	1.0839	1.0328	1.0037	1.0366	1.0409	1.0233	1.0078	1.0114	1.0152	0.9985	0.9957	0.9919	0.9922	2.30%
2008-09	1.0370	1.0204	0.9929	1.0087	0.9951	1.0072	1.0094	1.0065	1.0282	0.9620	0.9803	0.9772	1.0163	0.87%
2009-10	1.1334	1.0166	1.0027	1.0119	1.0123	1.0024	1.0118	1.0146	1.0128	0.9822	0.9746	0.9969	1.0190	1.09%
2010-11	1.1017	1.0263	1.0125	1.0093	0.9941	1.0048	1.0049	0.9883	1.0026	0.9861	0.9832	0.9957	1.0233	0.04%
2011-12	1.1747	1.0208	0.9919	1.0025	1.0039	1.0035	1.0157	0.9951	1.0166	0.9727	0.9576	0.9986	1.0087	0.63%
2012-13	1.1197	1.0513	0.9860	1.0095	1.0123	1.0092	1.0141	1.0166	1.0085	0.9709	0.9906	1.0214	1.0242	1.18%
2013-14	1.2090	1.0293	1.0202	1.0052	1.0094	1.0049	1.0130	0.9873	1.0093	0.8936	0.9436	0.9932	0.9974	0.46%
2014-15	1.1726	1.0387	1.0114	1.0140	1.0064	1.0093	0.9806	1.0128	0.9988	0.9225	1.0014	1.0089	0.9959	0.35%
2015-16	1.2602	1.0102	1.0107	1.0267	1.0034	0.9885	1.0119	1.0087	1.0063	0.9201	0.9662	0.9919	0.9761	0.72%
2016-17	1.2693	1.0416	1.0130	1.0211	1.0068	1.0149	1.0168	1.0078	0.9877	0.9258	0.9949	1.0104	1.0313	0.91%
2017-18	1.3312	1.0515	1.0311	1.0242	0.9948	1.0109	1.0079	0.9886	1.0208	0.9466	0.9796	0.9949	1.0308	0.75%

- Relatively stable in-migration of between 0% and 1% over the last decade
- Decreasing number of births over the last decade, but a growing birth-to-k ratio
 - Indicates a greater proportion of kindergarteners are being born outside of Fairfield than in the past



Birth and Kindergarten Trends



- Kindergarten enrollment has declined by about 20% over the last ten years
- Corresponding birth cohorts have declined by 37% over the same time period
- Rising Birth-to-K ratio indicates that a growing proportion of kindergarteners who enroll in Fairfield Public Schools were born elsewhere



Birth and Kindergarten Trends

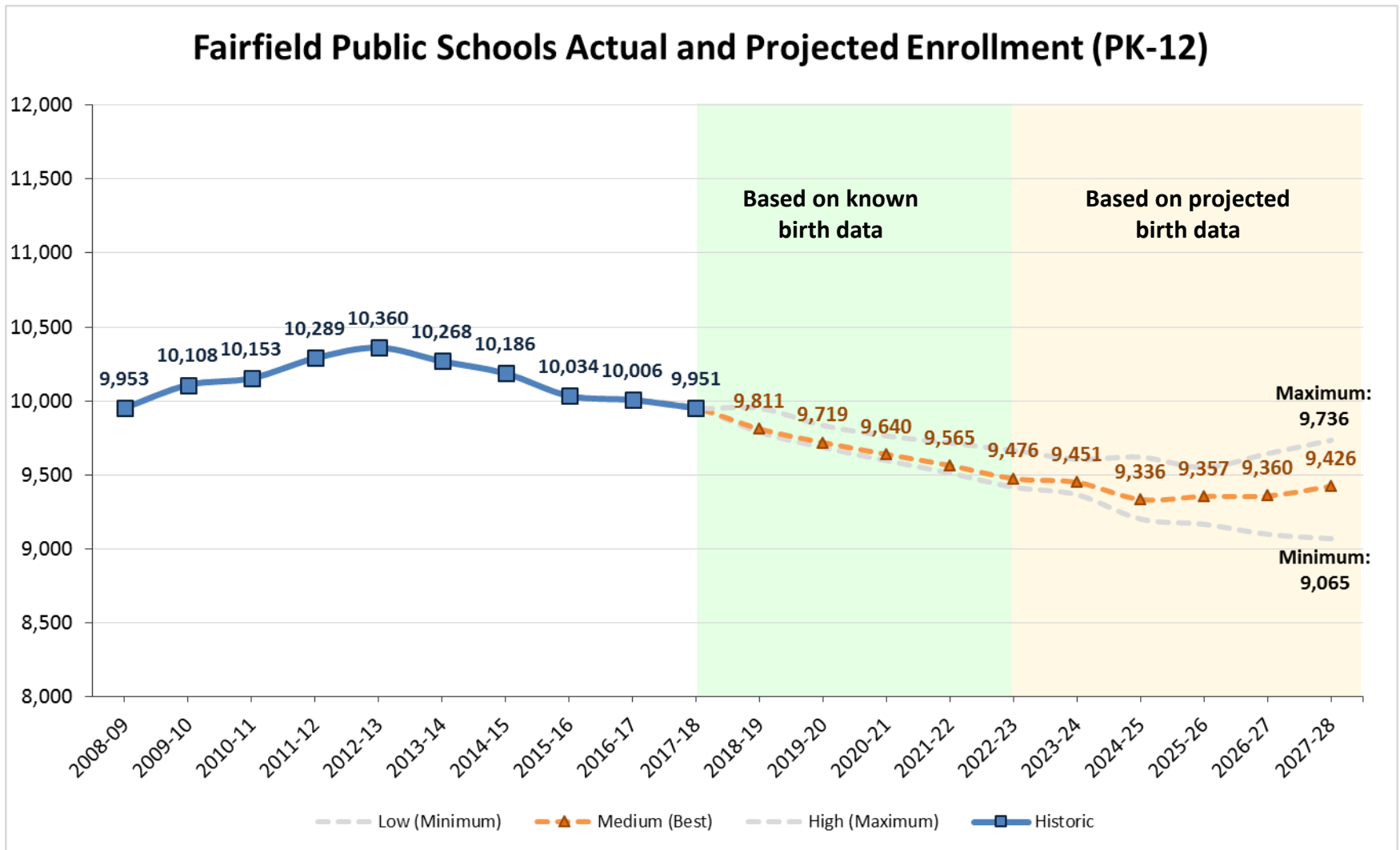
Birth-to-K Ratios in Fairfield and other Fairfield County Districts

School Year	Fairfield	Ridgefield	Trumbull	Weston	Wilton
2008-09	1.0370	1.2073	1.1663	1.7292	1.5046
2009-10	1.1334	1.2299	1.2025	1.6289	1.6429
2010-11	1.1017	1.4137	1.1473	1.5143	1.6404
2011-12	1.1747	1.3377	1.1629	1.8837	1.5714
2012-13	1.1197	1.3668	1.1381	1.5972	1.6048
2013-14	1.2090	1.6957	1.3415	1.9155	1.7063
2014-15	1.1726	1.4921	1.3474	1.9718	1.7945
2015-16	1.2602	1.6095	1.5106	2.0328	1.8015
2016-17	1.2693	1.6802	1.5669	2.6122	1.8926
2017-18	1.3312	1.9216	1.5495	1.7937	1.9537

- Rising birth-to-kindergarten ratio documented in districts across Fairfield County
- Direct correlation between size of birth cohort and birth-to-K ratio. As the number of births has decreased, the birth-to-K ratio has increased
- Indicates that a growing proportion of kindergarteners were born elsewhere and moved prior to enrolling in Kindergarten



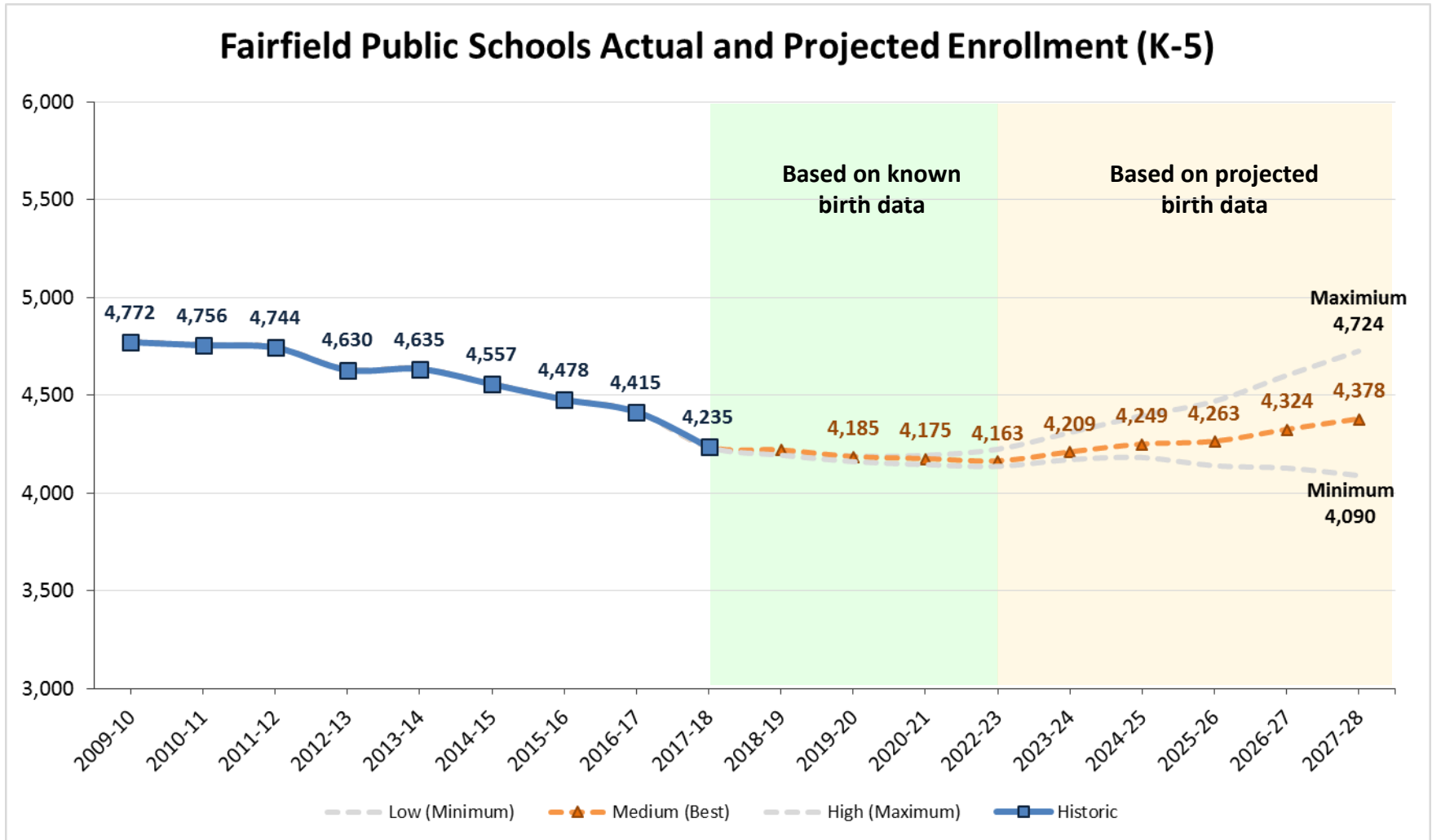
District Projections



Medium Projections are supported by demographic, housing, and economic data



K-5 Projections



Medium Projections are supported by demographic, housing, and economic data



Facilities

School	Total Full-Size Classrooms ²	Total Full-Size Instructional Classrooms	K-5 Grade Level Instruction	CLC	Pre-K ³	K-5 Operational Capacity
Burr	28	24	22	1	1	470
Dwight	21	18	17	1	0	365
Holland Hill ¹	28	24	24	0	0	504
Jennings	23	18	17	1	0	365
McKinley	30	24	24	0	0	504
Mill Hill (without portbles) ²	20	13	13	0	0	273
North Stratfield	28	24	24	0	0	504
Osborn Hill	30	24	22	2	0	478
Riverfield	27	24	24	0	0	504
Roger Sherman	24	22	22	0	0	462
Stratfield	27	24	22	0	2	462
Total All Schools	286	239	231	5	3	4,891

1. Based on the planned capacity from the new Holland Hill Ed Spec

2. The five portable classrooms were deducted from the capacity at Mill Hill

3. Pre-K classrooms are deducted from the K-5 operational capacity

- Operational capacity is educationally driven – aligns with district Ed. Spec. with all portable classrooms removed
- Portable classrooms were deducted from the operational capacity at Mill Hill
- Takes into account the placement of district-wide programs such as CLC and Pre-K



Facility Utilization

K-5 Utilization Projections (Operational Capacity) *

School	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	Operational capacity
Burr	80.4%	78.1%	77.4%	77.4%	75.5%	76.0%	76.2%	76.4%	78.5%	78.5%	470
Dwight	91.2%	92.3%	89.3%	85.2%	84.7%	87.9%	85.2%	85.5%	89.9%	96.2%	365
Holland Hill ¹	74.4%	76.4%	77.0%	76.2%	78.8%	80.0%	80.8%	79.8%	79.4%	80.2%	504
Jennings	81.4%	81.4%	78.9%	79.2%	79.7%	82.2%	83.0%	81.4%	81.9%	83.3%	365
McKinley	85.7%	84.1%	82.3%	83.3%	78.4%	81.0%	81.0%	81.3%	82.5%	82.9%	504
Mill Hill (Operational Capacity)	124.9%	127.1%	132.2%	134.4%	134.1%	134.8%	137.0%	140.7%	139.9%	139.9%	273
Mill Hill (Functional Capacity)	90.2%	91.8%	95.5%	97.1%	96.8%	97.4%	98.9%	101.6%	101.1%	101.1%	378
North Stratfield	75.2%	74.2%	74.0%	76.6%	77.2%	76.2%	77.6%	77.4%	77.4%	77.8%	504
Osborn Hill	83.9%	79.7%	77.4%	78.7%	79.1%	77.8%	79.3%	80.3%	82.8%	83.5%	478
Riverfield	82.7%	83.3%	84.5%	87.5%	90.3%	90.3%	91.5%	91.5%	93.1%	91.7%	504
Roger Sherman	101.5%	101.9%	105.2%	102.4%	98.1%	100.6%	101.5%	100.6%	101.9%	104.3%	462
Stratfield	85.9%	82.7%	81.8%	82.0%	81.2%	81.4%	84.0%	86.4%	87.4%	89.8%	462
Total	86.3%	85.6%	85.4%	85.7%	85.1%	86.1%	86.9%	87.2%	88.4%	89.5%	4,891

1. Based on the capacity of the New Holland Hill School (504 students)

* Operational capacity assumes all portable classrooms are removed

- Utilization based on operational capacity and enrollment projections
- High utilization projected to continue at Mill Hill and Roger Sherman over the next ten years.
- Using Mill Hill's functional capacity (378) rather than operational capacity, utilization would still be over 95% for eight of the next ten years, and over 100% for the final three years of the projections horizon



Mill Hill Construction Project

“No Build” Alternatives *

In order to meet the Ed. Spec. without new construction, Mill Hill would need to:

1. Replace portable classrooms with new trailers
2. Utilize hallways and common areas (stage, etc.) to make up for the lack of support spaces in the main building – remove portables
3. Redistrict ~100 students out of Mill Hill – remove portables

** If done in isolation, none of the above alternatives would address racial imbalance at McKinley or overcrowding at Roger Sherman*



Mill Hill Construction Project

Construction Project

- If comprehensive redistricting is undertaken to address overcrowding and racial imbalance, a 504 student school is needed at Mill Hill
 - Maintains current K-5 neighborhood-based model, but would redistrict between 15% and 20% of students



Mill Hill Construction Project

Other Considerations

- In order to maximize reimbursement from the State for the School Construction Grant, District needs to hit the target capacity for the new school
 - Additional students need to be moved into Mill Hill District in order to support a 504 student school

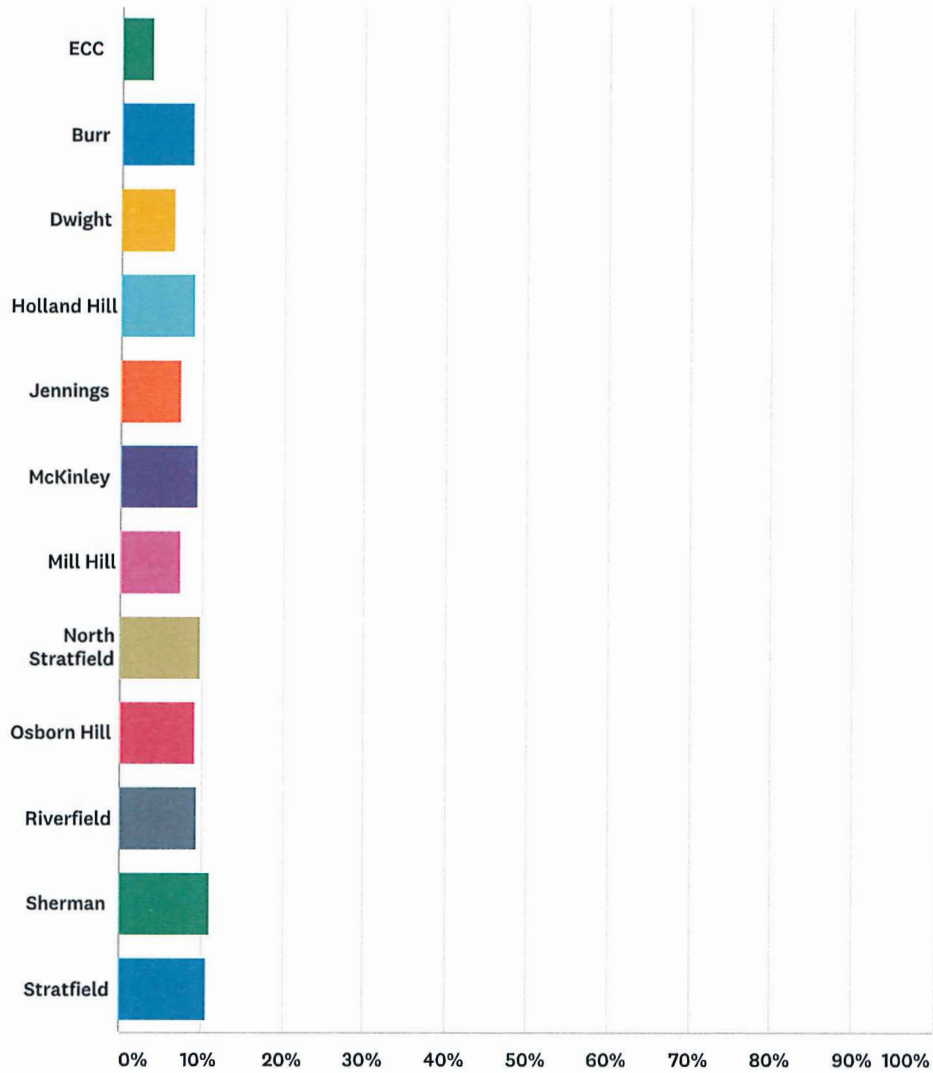


Questions?

Required Survey for the FPS Racial Imbalance Plan

Q1 Please select the school(s) where you currently have children in PK-5.

Answered: 1,540 Skipped: 5



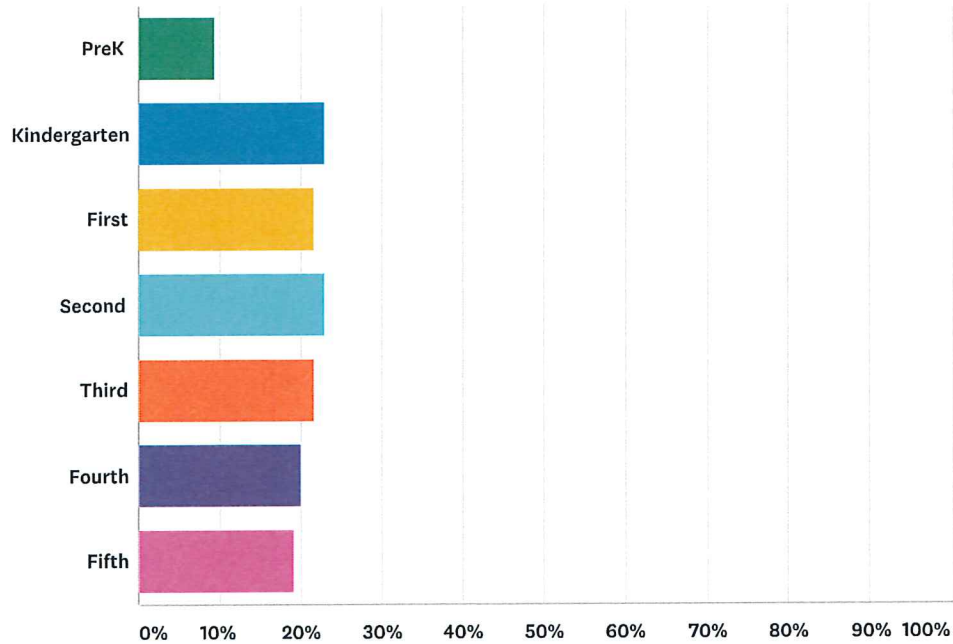
ANSWER CHOICES	RESPONSES	
ECC	3.83%	59
Burr	8.77%	135
Dwight	6.49%	100
Holland Hill	9.03%	139
Jennings	7.27%	112
McKinley	9.48%	146
Mill Hill	7.40%	114
North Stratfield	9.87%	152

Required Survey for the FPS Racial Imbalance Plan

Osborn Hill	9.16%	141
Riverfield	9.48%	146
Sherman	11.17%	172
Stratfield	10.65%	164
Total Respondents: 1,540		

Q2 What are the grade levels of your children?

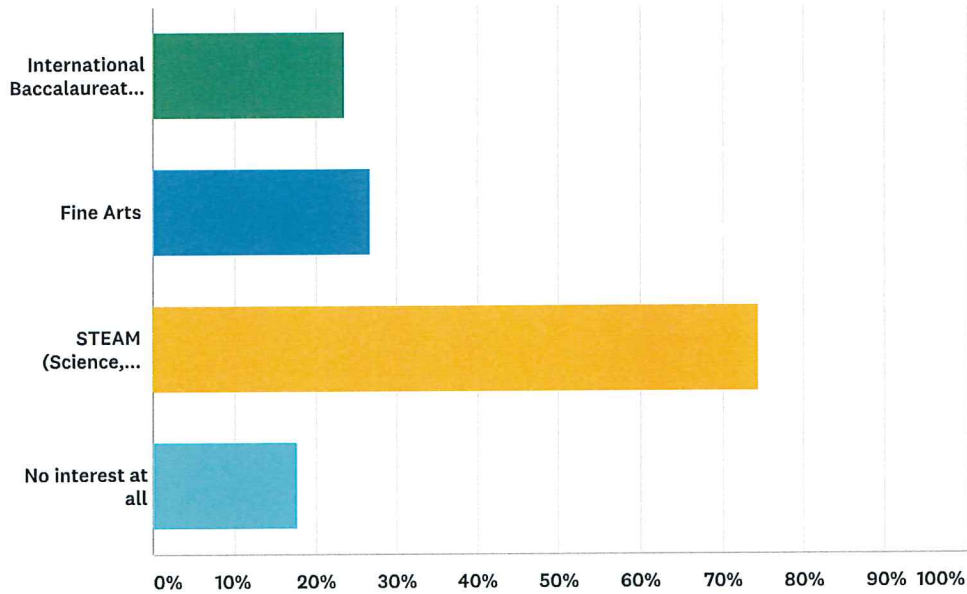
Answered: 1,544 Skipped: 1



ANSWER CHOICES	RESPONSES	
PreK	9.39%	145
Kindergarten	23.06%	356
First	21.76%	336
Second	23.06%	356
Third	21.70%	335
Fourth	20.08%	310
Fifth	19.17%	296
Total Respondents: 1,544		

Q3 Fairfield must seek input on intra-district (within Fairfield only) magnet school options. If FPS were to offer such a program which of the following options would encourage your child's participation?

Answered: 1,517 Skipped: 28



ANSWER CHOICES	RESPONSES	
International Baccalaureate (IB)	23.67%	359
Fine Arts	26.83%	407
STEAM (Science, Technology, Engineering, Arts, Math)	74.49%	1,130
No interest at all	17.86%	271
Total Respondents: 1,517		

Timeline for Holland Hill Project

Dec. 2015	<p>Fairfield Public Schools</p> <ul style="list-style-type: none"> • Develops Project Team Initial Funding request analysis (including temporary classrooms costs) for services through Design Development
Dec. 2015 – Jan. 2016	<p>Board of Education:</p> <ul style="list-style-type: none"> • Approve Educational Specifications
Jan 2016	<p>Fairfield Public Schools:</p> <ul style="list-style-type: none"> • Hires Architect for Temporary (Portable) Classroom Design <p>Board of Education:</p> <ul style="list-style-type: none"> • Approve Project Team Initial Funding request analysis (including temporary classrooms costs) for services through Design Development <p>Board of Selectman :</p> <ul style="list-style-type: none"> • Establishes a Building Committee • Approve Building Committee Charge • Approve initial Building Committee Members ('Day Staff') • Approve the '3 Resolutions' • Approve Project Team Initial Funding request
Jan. 2016 – Feb. 2016	<p>Architect develops:</p> <ul style="list-style-type: none"> • Temporary (Portable) Classrooms Bid Documents
Feb. 2016	<p>Board of Finance:</p> <ul style="list-style-type: none"> • Approve Project Team Initial Funding request <p>RTM:</p> <ul style="list-style-type: none"> • Approve initial Building Committee Members ('Day Staff') • Approve the '3 Resolutions' • Approve Project Team Initial Funding request <p>Fairfield Public Schools:</p> <ul style="list-style-type: none"> • Files the SCG-049 for the temporary (portable) classrooms with the state • Files the SCG-049 for full project with the state
Mar. 2016	<p>SCG issues approval to bid temporary (portable) classrooms. 'Day Staff' as initial Building Committee</p>

Mar. 2016 –Apr. 2016	<p>Purchasing Department:</p> <ul style="list-style-type: none"> • Requests bids for temporary (portable) classrooms.
Apr. 2016	<p>Building Committee:</p> <ul style="list-style-type: none"> • Approve award of temporary (portable) classrooms bid • Hires Project Architect <p>Purchasing Department:</p> <ul style="list-style-type: none"> • Awards bid for temporary (portable) classrooms
Apr 2016 – June 2016	<p>Architect develops the:</p> <ul style="list-style-type: none"> • Conceptual Designs
May 2016 - June 2016	<p>Building Committee selects and hires:</p> <ul style="list-style-type: none"> • Construction Manager • Owner’s Rep. • Commissioning Agent
June 2016 – Aug. 2016	<p>Vendor:</p> <ul style="list-style-type: none"> • Constructs temporary (portable) classrooms
June 2016 –July 2016	<p>Construction Manager:</p> <ul style="list-style-type: none"> • Estimates Conceptual Designs
July 2016	<p>Building Committee:</p> <ul style="list-style-type: none"> • Select Conceptual Design for the project
July 2016 – Sept. 2016	<p>Architect proceeds with:</p> <ul style="list-style-type: none"> • Schematic Design Development Documents
Sept. 2016 – Oct. 2016	<p>Construction Manager:</p> <ul style="list-style-type: none"> • Estimates Schematic Design • Value Engineering process with design/construction/owner team (if necessary)
Oct. 2016	<p>Building Committee:</p> <ul style="list-style-type: none"> • Approve Schematic Development Documents
Oct. 2016 – Feb. 2017	<p>Architect proceeds with:</p> <ul style="list-style-type: none"> • Hazardous Materials Survey • Design Development Documents <p>Board of Selectman and RTM</p> <ul style="list-style-type: none"> • Add permanent members to the building committee.

Feb. 2017- Mar. 2017	<p>Construction Manager:</p> <ul style="list-style-type: none"> • Estimates Design Development Documents • Value Engineering process with design/construction/owner team (if necessary)
Mar. 2017	<p>Building Committee:</p> <ul style="list-style-type: none"> • Approve Design Development Documents • Seek Full Project Funding <p>Architect, Construction Manager & Owners Rep</p> <ul style="list-style-type: none"> • Meets with SCG for Design Development Review
Apr. 2017 – May. 2017	<p>Board of Selectman, Board of Finance & RTM</p> <ul style="list-style-type: none"> • Approve Full Project Funding Request
May 2017 – July 2017	<p>Architect proceeds with:</p> <ul style="list-style-type: none"> • Construction Documents (CD)
July 2017 –Aug. 2017	<p>Building Committee, Architect, Construction Manager & Owners Rep seeks approval from land use boards which may include all of the following:</p> <ul style="list-style-type: none"> • Wetlands • Conservation • Zoning Board of Appeals • Planning and Zoning Commission
Aug. 2017 –Sep. 2017	<p>Construction Manager:</p> <ul style="list-style-type: none"> • Estimates Construction Documents (CD) • Value Engineering process with design/construction/owner team (if necessary)
Oct. 2017 – Nov.2017	<p>Building Committee Approve:</p> <ul style="list-style-type: none"> • Submit plans and specifications for third party review
Dec. 2017	<p>Building Committee Approve:</p> <ul style="list-style-type: none"> • Construction Documents – plans, specifications and budget <p>Board of Education Approve:</p> <ul style="list-style-type: none"> • Construction Documents – plans, specifications and budget
Jan. 2018	<p>SCG issues approval to bid.</p>

Jan. 2018 – March 2018 **Construction Manager** and **Purchasing Department** advertise for bids on the project. Once bids are received and analyzed a list of the qualified low bidders is sent to the **Building Committee** for approval.

Building Committee Approve the selection of qualified low bidders.

Mar. 2018 – Aug. 2019 **Construction Manager** schedules and constructs project.

Timeline for Mill Hill Project

Dec. 2017	<p>Fairfield Public Schools</p> <ul style="list-style-type: none"> • Develops Project Team Initial Funding request analysis for services through Design Development
Jan. 2018	<p>Board of Education</p> <ul style="list-style-type: none"> • Approves Project Team Initial Funding request analysis services through Design Development
Feb. 2018	<p>Board of Education</p> <ul style="list-style-type: none"> • Approves Educational Specifications <p>Board of Selectmen</p> <ul style="list-style-type: none"> • Establishes a Building Committee • Approves the '3 Resolutions' • Approves Project Team Initial Funding request
Mar. 2018	<p>Board of Selectmen</p> <ul style="list-style-type: none"> • Approves initial Building Committee Members
Apr. 2018	<p>Board of Finance</p> <ul style="list-style-type: none"> • Approves Project Team Initial Funding request
May 2018	<p>RTM</p> <ul style="list-style-type: none"> • Approves initial Building Committee Members • Approves the '3 Resolutions' • Approves Project Team Initial Funding request
June 2018	<p>Board of Selectmen</p> <ul style="list-style-type: none"> • Approves Building Committee Charge
July 2018 – Aug. 2018	<p>Building Committee</p> <ul style="list-style-type: none"> • Hires Project Architect • Construction Manager
Aug 2018 – Sep. 2018	<p>Architect develops the</p> <ul style="list-style-type: none"> • Conceptual Designs <p>Construction Manager</p> <ul style="list-style-type: none"> • Estimates Conceptual Design

Timeline for Mill Hill Project

Sep. 2018 – Oct. 2018	Building Committee selects <ul style="list-style-type: none">• Owner’s Rep.• Commissioning Agent
Sep. 2018	Building Committee <ul style="list-style-type: none">• Selects Conceptual Design for the project Architect, Construction Manager & Owners Rep <ul style="list-style-type: none">• Meets with OSCG&R for Conceptual Design Review
Sep. 2018 – Nov. 2018	Architect proceeds with <ul style="list-style-type: none">• Schematic Design Documents
Nov. 2018 – Dec. 2018	Construction Manager <ul style="list-style-type: none">• Estimates Schematic Design• Value Engineering process with design/construction/owner team (if necessary)
Dec. 2018	Building Committee <ul style="list-style-type: none">• Approves Schematic Documents Architect, Construction Manager & Owners Rep <ul style="list-style-type: none">• Meets with OSCG&R for Schematic Design Review
Dec. 2018 – Mar. 2019	Architect proceeds with <ul style="list-style-type: none">• Hazardous Materials Survey• Design Development Documents
Mar. 2019- Apr. 2019	Construction Manager <ul style="list-style-type: none">• Estimates Design Development Documents• Value Engineering process with design/construction/owner team (if necessary)
Apr. 2019	Building Committee <ul style="list-style-type: none">• Approves Design Development Documents• Seek Full Project Funding Architect, Construction Manager & Owners Rep <ul style="list-style-type: none">• Meets with OSCG&R for Design Development Review (DDR)

Timeline for Mill Hill Project

May 2019 – June 2019	Board of Selectmen, Board of Finance & RTM <ul style="list-style-type: none">• Approves Full Project Funding Request Fairfield Public Schools <ul style="list-style-type: none">• Files the SCG-049 for full project with the state
May 2019 – July 2019	Architect proceeds with <ul style="list-style-type: none">• Construction Documents (CD)
July 2019 –Aug. 2019	Building Committee, Architect, Construction Manager & Owners Rep seeks approval from land use boards which may include all of the following: <ul style="list-style-type: none">• Wetlands• Conservation• Zoning Board of Appeals• Planning and Zoning Commission
Aug. 2019	Construction Manager <ul style="list-style-type: none">• Estimates Construction Documents (CD)• Value Engineering process with design/construction/owner team (if necessary)
Aug. 2019 – Sep. 2019	Building Committee <ul style="list-style-type: none">• Approves Construction Documents – plans, specifications and budget• Submit plans and specifications for third party review Board of Education Approves <ul style="list-style-type: none">• Construction Documents - plans and specifications
Oct. 2019	Architect, Construction Manager & Owners Rep <ul style="list-style-type: none">• Meets with OSCG&R for Pre-Bid Conformance Review (PCR)
Nov. 2019	OSCG&R issues approval to bid
Dec. 2019	Construction Manager and Purchasing Department advertise for bids on the project. Once bids are received and analyzed a list of the qualified low bidders is sent to the Building Committee for approval. Building Committee Approves the selection of qualified low bidders.
Jan. 2020 – Aug. 2021	Construction Manager schedules and constructs project.

Example Timeline for Roger Sherman Project
 Project Funding for Building Committee through Construction

Dec. 2017	<p>Fairfield Public Schools</p> <ul style="list-style-type: none"> • Develops Project Team Initial Funding request analysis for services through Design Development
Jan. 2018	<p>Board of Education</p> <ul style="list-style-type: none"> • Approves Project Team Initial Funding request analysis services through Design Development
Feb. 2018	<p>Board of Education</p> <ul style="list-style-type: none"> • Approves Educational Specifications <p>Board of Selectman</p> <ul style="list-style-type: none"> • Establishes a Building Committee • Approves Building Committee Charge • Approves the '3 Resolutions' • Approves Project Funding request
Mar. 2018	<p>Board of Selectman</p> <ul style="list-style-type: none"> • Approves Building Committee Members
Apr. 2018	<p>Board of Finance</p> <ul style="list-style-type: none"> • Approves Project Funding request <p>RTM</p> <ul style="list-style-type: none"> • Approves Building Committee Members • Approves the '3 Resolutions' • Approves Project Funding request
June 2018 – Oct. 2018	<p>Building Committee</p> <ul style="list-style-type: none"> • Hires Project Architect • Owner's Rep./Clerk of the Works
Nov. 2018 – Jan. 2019	<p>Architect develops the</p> <ul style="list-style-type: none"> • Conceptual Designs • Estimates Conceptual Designs

Example Timeline for Roger Sherman Project

Project Funding for Building Committee through Construction

Jan. 2019	Architect & Owners Rep <ul style="list-style-type: none">• Meets with OSCG&R for Conceptual Design Review
Feb. 2019 – July 2019	Architect proceeds with <ul style="list-style-type: none">• Schematic Design Development Documents• Hazardous Materials Survey• Estimates Schematic Design• Value Engineering process with design/construction/owner team (if necessary)
March 2019	Building Committee <ul style="list-style-type: none">• Contracts enabling work
July 2019	Architect, Construction Manager & Owners Rep <ul style="list-style-type: none">• Meets with OSCG&R for Design Development Review (DDR) Fairfield Public Schools <ul style="list-style-type: none">• Files the SCG-049 for full project with the state
Sep. 2019	Building Committee <ul style="list-style-type: none">• Approves Schematic Development Documents Board of Education Approves <ul style="list-style-type: none">• Construction Documents - plans and specifications• Architect & Owners Rep <ul style="list-style-type: none">• Meets with OSCG&R for Pre-Bid Conformance Review (PCR)
Oct. 2019	OSCG&R issues approval to bid Architect and Purchasing Department advertise for bids on the project. Once bids are received and analyzed a list of the qualified low bidders is sent to the Building Committee for approval.
May 2019	Building Committee Approves the selection of qualified low bidders.
Jan. 2020 – Dec. 2020	General Contractor schedules and constructs project.

Example Timeline for Roger Sherman Project

Project Funding for Building Committee through Construction

Dec. 2017	Fairfield Public Schools <ul style="list-style-type: none">• Develops Project Team Initial Funding request analysis for services through Design Development
Jan. 2018	Board of Education <ul style="list-style-type: none">• Approves Project Team Initial Funding request analysis services through Design Development
Feb. 2018	Board of Education <ul style="list-style-type: none">• Approves Educational Specifications Board of Selectman <ul style="list-style-type: none">• Establishes a Building Committee• Approves Building Committee Charge• Approves the '3 Resolutions'• Approves Project Funding request
Mar. 2018	Board of Selectman <ul style="list-style-type: none">• Approves Building Committee Members
Apr. 2018	Board of Finance <ul style="list-style-type: none">• Approves Project Funding request RTM <ul style="list-style-type: none">• Approves Building Committee Members• Approves the '3 Resolutions'• Approves Project Funding request
June 2018 – Oct. 2018	Building Committee <ul style="list-style-type: none">• Hires Project Architect• Owner's Rep./Clerk of the Works
Nov. 2018 – Jan. 2019	Architect develops the <ul style="list-style-type: none">• Conceptual Designs• Estimates Conceptual Designs

Example Timeline for Roger Sherman Project

Project Funding for Building Committee through Construction

Jan. 2019	Architect & Owners Rep <ul style="list-style-type: none">• Meets with OSCG&R for Conceptual Design Review
Feb. 2019 – July 2019	Architect proceeds with <ul style="list-style-type: none">• Schematic Design Development Documents• Hazardous Materials Survey• Estimates Schematic Design• Value Engineering process with design/construction/owner team (if necessary)
March 2019	Building Committee <ul style="list-style-type: none">• Contracts enabling work
July 2019	Architect, Construction Manager & Owners Rep <ul style="list-style-type: none">• Meets with OSCG&R for Design Development Review (DDR) Fairfield Public Schools <ul style="list-style-type: none">• Files the SCG-049 for full project with the state
Sep. 2019	Building Committee <ul style="list-style-type: none">• Approves Schematic Development Documents Board of Education Approves <ul style="list-style-type: none">• Construction Documents - plans and specifications• Architect & Owners Rep <ul style="list-style-type: none">• Meets with OSCG&R for Pre-Bid Conformance Review (PCR)
Oct. 2019	OSCG&R issues approval to bid Architect and Purchasing Department advertise for bids on the project. Once bids are received and analyzed a list of the qualified low bidders is sent to the Building Committee for approval.
May 2019	Building Committee Approves the selection of qualified low bidders.
Jan. 2020 – Dec. 2020	General Contractor schedules and constructs project.