

PLYMOUTH, CT

**BEST USE OF
SCHOOL FACILITIES STUDY**

SEPTEMBER 2019



28 Lord Road ➤ Marlborough, MA 01752

Tel: (508) 481-9444 ➤ Fax: (508) 481-5655

www.nesdec.org ➤ nesdec@nesdec.org



New England School Development Council

PLYMOUTH, CT

BEST USE OF SCHOOL FACILITIES STUDY

September 2019

NESDEC PROJECT TEAM

- **John H. Kennedy, M.A., Consultant**
- **Karen LeDuc, Ph.D., Consultant**
- **Donald G. Kennedy, Ed.D., Executive Consultant**
- **Arthur L. Bettencourt, Ed.D., Executive Director**

Copyright, New England School Development Council, 2019

INTRODUCTION



3

INTRODUCTION

NESDEC entered into an agreement with the Plymouth, CT School District to conduct a Best Use of Facilities Study. The goal of the project was to provide a basis for decision-making regarding future grade level reconfigurations, building renovations and/or construction and alternative facility use.

Good long-range planning requires a specific mindset, temporarily casting aside more immediate concerns in order to think long-range. However, aspects of this report can be useful in making near-term decisions in two respects: 1) providing a better understanding of the long-term future of each building, thereby suggesting the assignment of grade levels to buildings in a manner that is consistent with the District's long-term plan; and 2) as a guide to budget planning, so funds can be earmarked for purposes that are consistent with intended long-range use of each facility.

4

INTRODUCTION (Cont.)

SCOPE

Enrollment Trend Analysis

The NESDEC Team analyzed District and municipal records and data provided by Town Officials, the Warren Group and local realtors.

Instructional Program Review and Facility Best Use Analysis

The study also included an analysis of present and planned school programs and the facilities needed to provide these programs. Members of the NESDEC Study Team visited Harry S. Fisher Elementary, Plymouth Center Elementary, Eli Terry Jr. Middle School, and Terryville High School while in session and met with administrators in each of the schools. School documents, including goals and curriculum and program information, were studied.

Although the study did not include a capital asset assessment, the NESDEC Team did review pertinent facility maintenance and capital improvement needs information provided by the District.

5

OPTIONS

Using information gained from its analysis of the enrollment projection, coupled with its instructional programming/facility capacity analysis, NESDEC analyzed potential alternatives for the District to review as it moves forward in the development of a Long-Range Facility Plan.

The alternatives that the NESDEC Team presents include a bulleted outline description of each option as well as a listing of advantages and challenges. The options are designed to serve as a catalyst for further analysis and discussion. *Thus, this document should be considered not as an end-product, but rather as a beginning point for future planning.*

6

DEMOGRAPHIC ANALYSIS



7

INTRODUCTION

PROJECT SCOPE

Enrollment Trend Analysis

The NESDEC Team analyzed District and municipal records and data provided by town officials, local and regional real estate sources, the State of Connecticut, and the U.S. Census Bureau.

Based on the Enrollment Trend Analysis, NESDEC reviewed Plymouth Grade-Level Enrollment projections.

8

POPULATION TRENDS

General Population – The U.S. Census Bureau estimated that Plymouth had a population of 11,718 as of July 1, 2017, a 4.2% decline from the 2010 U.S. Census count.

9

RESIDENTIAL SALES OUTLOOK

Factors indicate that Plymouth is likely to experience accelerated housing turnover during the course of the next decade. These factors include the following:

NATIONAL AND REGIONAL FACTORS

On the national level, the "Baby Boomer" generation has begun turning 65 years of age at the rate of 10,000 per day, and this pattern is projected to continue for the next 11 years. According to regional and local realtors, many from this age cohort are likely to downsize to smaller homes. *Thus, demand for apartment and condominium units is likely to increase, while the 3- and 4-bedroom homes vacated by the Boomers will most likely be purchased by families with children.*

The Millennial Generation, born between 1980 and 1998, has been comparatively slow to marry, become parents, and purchase single-family homes. Many in this age group still have high college debt. However, many from this generation are now in their mid to late 30's, and they have decided to begin raising families and purchasing single-family homes.

10

NATIONAL AND REGIONAL FACTORS (Cont.)

According to Bloomberg, The National Association of Realtors used the U.S. Census Bureau's 2017 American Community Survey to track households with an age range of 19 to 37 in the 100 largest metro areas in the United States. The results of the study indicated that the New Haven-Milford area had the nation's highest percentage of Millennial movers (75.0%).

NESDEC's research has found that many communities surrounding the New Haven-Milford area (within 15 miles or an hour's drive), including Plymouth, have experienced increasing sales volumes. According to information provided by regional and local realtors, although prices in some of these communities have increased to a level that exceeds affordability for many Millennials, most asking prices in Plymouth are within what is considered to be an affordable Millennial range (\$220,000 and under).

11

RESIDENTIAL SALES AND REAL ESTATE INFORMATION

Residential Sales

Warren Group Data – Single-family Sales

- Between 2001 and 2007, Plymouth experienced a single-family sales boom, with average yearly sales totaling 166 per year
- From 2008 to 2012, during the housing downturn, Plymouth single-family home sales averaged 90 units per year
- From 2013 to 2016, single-family home sales in Plymouth averaged 100 units per year
- In 2017 and 2018, Plymouth single-family home sales increased to 174 units (2017) and 175 units (2018). These are among the top six single-family home sales totals spanning a period of 32 years

12

RESIDENTIAL SALES AND REAL ESTATE INFORMATION

Residential Sales

Warren Group Data – Condominium Sales

- Between 2001 and 2007, Plymouth experienced average annual condominium sales of 25 units per year
- From 2008 to 2012, Plymouth condominium sales averaged 9 units per year
- From 2013 to 2016, condominium sales in Plymouth averaged 11 units per year
- In 2017 and 2018, Plymouth condominium sales totaled 11 units (2017) and 18 units (2018)

Warren Group Data – Median Single-Family Home Prices

- During the housing boom, median sales prices for Plymouth single-family homes peaked at \$202,000 per unit
- By 2012, median prices had declined to \$163,500
- In 2018, median single-family home prices reached \$175,000 (still within “affordable range” for Millennials)

13

ADDITIONAL RESIDENTIAL AND REALTOR INFORMATION

Realtor Information

- Sales volume has increased significantly since 2012-13
- Days on the market have continued to diminish
- Multiple bid situations have been occurring if property is properly priced.
- Common selling price range is \$220,000 and under
- Boomers are downsizing and selling empty-nester 3- and 4-bedroom homes; families with children are almost always the buyers
- Millennials are buying in the under \$220,000 price range, often as first-time buyers.
- Factors affecting sales:
 - Positives:
 - A new industrial park has provided increased tax support to the town
 - Lower interest rates
 - Negatives:
 - The commute to Hartford is difficult

14

INFORMATION GAINED FROM THE PLYMOUTH PLANNING OFFICE DEPARTMENT

Approved Projects Under Construction

Single-family

No new single-family subdivisions approved, under construction, awaiting construction or awaiting approval

Apartment Projects

Prospect Place: Prospect Street School approved in February 2019; no construction yet

- 28 units in existing building: 1- and 2-bedroom units
- An additional 30 units on the property (former field space): 1- and 2-bedroom (Some 2-bedroom units will have an open loft that can be used as a bedroom)
- Not age-restricted

Condos

No condos approved, under construction, awaiting construction or awaiting approval

The Planning Department did not identify any major changes that would either accelerate or impede future development.

15

ASSUMPTIONS OF THE NESDEC ENROLLMENT PROJECTIONS

The NESDEC enrollment forecast for Plymouth was based upon the cumulative effect of several factors, including:

- A steady rise in the number of single-family sales beginning in 2016 and continuing for the foreseeable future (see data above)
- Realtor and Plymouth Planning Department information (see data above)
- Continued economic stability on the national and regional levels

16

ENROLLMENT HISTORY AND PROJECTIONS



17

NESDEC Plymouth, CT Historical Enrollment

School District: Plymouth, CT revised

5/2/2019

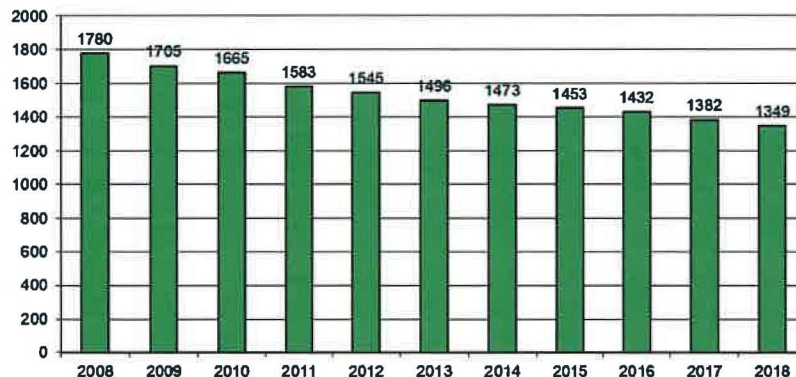
Historical Enrollment By Grade																			
Birth Year	Grades	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2002	142	2008-09	88	117	109	124	142	129	128	183	185	157	151	149	126	138	0	1700	1848
2004	118	2009-10	77	105	114	108	126	145	133	133	154	168	138	142	130	128	0	1708	1782
2005	120	2010-11	62	121	102	110	122	125	143	152	151	158	131	133	125	128	0	1685	1727
2006	130	2011-12	67	154	98	109	111	112	128	141	153	131	119	137	127	113	0	1563	1645
2007	126	2012-13	58	92	117	84	108	114	111	128	145	132	121	110	141	115	0	1516	1605
2008	130	2013-14	68	111	85	120	96	106	109	113	123	144	132	106	111	138	0	1498	1554
2009	131	2014-15	68	95	112	83	123	103	112	114	116	126	129	120	103	121	0	1473	1518
2010	125	2015-16	58	102	92	120	87	125	104	111	117	109	128	128	121	107	0	1352	1390
2011	130	2016-17	58	83	90	89	115	84	131	106	112	121	110	126	135	125	0	1402	1487
2012	130	2017-18	71	55	82	82	113	102	132	110	126	98	87	128	127	0	1388	1481	
2013	95	2018-19	72	91	88	82	92	98	123	129	137	112	94	95	103	123	0	1348	1481

Historical Enrollment in Grade Combinations								
Year	PK-5	K-5	K-8	5-8	6-8	7-8	7-12	9-12
2008-09	817	749	902	1224	903	435	302	878
2009-10	836	726	862	1184	888	406	302	843
2010-11	799	692	869	1138	824	441	289	818
2011-12	712	688	793	1077	683	427	364	790
2012-13	686	636	781	1058	573	422	297	784
2013-14	687	628	742	1026	488	380	287	754
2014-15	712	641	755	932	463	326	252	715
2015-16	691	636	747	872	443	327	226	728
2016-17	654	588	707	830	470	338	221	729
2017-18	632	562	714	832	452	306	218	688
2018-19	608	538	685	834	474	324	229	684

Historical Percentage Change			
Year	K-12	PK-5	%
2008-09	1720	0	0.0%
2009-10	1724	-75	-4.3%
2010-11	1685	-45	-2.7%
2011-12	1563	-122	-7.5%
2012-13	1515	-148	-9.5%
2013-14	1486	-149	-9.9%
2014-15	1473	-133	-9.0%
2015-16	1463	-103	-7.0%
2016-17	1432	-121	-8.3%
2017-18	1382	-152	-10.6%
2018-19	1349	-133	-9.6%
Change	-371	-34.2%	

Plymouth, CT Historical Enrollment

K-12, 2008-2018



©New England School Development Council • 508-481-9444 • www.nesdec.org

19

Plymouth, CT Projected Enrollment

School District: Plymouth, CT revised

5/2/2019

Enrollment Projections By Grade*

Birth Year	Enroll	Subst Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	Ungrd	K-12	PK-12
2013	95	2018-19	75	91	99	83	82	86	120	108	137	132	94	95	103	135	0	1349	1419
2014	78	2019-20	71	84	88	88	83	82	109	123	107	137	101	90	99	100	0	1285	1288
2015	123	2020-21	72	88	72	88	89	84	96	100	125	107	123	87	84	96	0	1305	1327
2016	95	2021-22	73	89	85	72	83	101	88	98	106	125	96	118	101	91	0	1274	1347
2017	85	2022-23	74	91	85	85	72	89	100	90	100	108	113	92	123	96	0	1288	1340
2018	93	2023-24	75	88	88	89	85	74	94	105	91	100	117	108	96	129	0	1290	1328
2019	94	2024-25	76	89	85	88	85	87	77	96	111	91	90	95	113	83	0	1213	1298
2020	87	2025-26	77	90	86	88	88	80	100	79	88	111	83	86	97	110	0	1208	1285
2021	95	2026-27	78	91	89	86	89	85	88	89	89	88	100	79	89	94	0	1183	1251
2022	95	2027-28	79	91	88	88	88	87	85	88	100	88	88	88	88	88	0	1172	1232
2023	95	2028-29	80	91	87	88	88	88	88	88	88	88	88	88	88	88	0	1172	1232

*Ungrd: Ungraded students (UNGR) often are HS students whose anticipated year of graduation are ungrd. or students with special needs - UNGR not included in Grade Combinations for K-12, PK-12, etc.
 Based on an estimate of time: [] Based on children already born: [] Based on students already enrolled: []

Projected Enrollment in Grade Combinations*

Year	PK-5	K-5	K-6	5-6	6-6	6-7	7-12	PK-12
2018-19	600	580	552	524	476	554	212	410
2019-20	590	570	541	505	470	540	204	395
2020-21	580	557	543	515	434	536	202	410
2021-22	570	557	535	495	419	531	202	405
2022-23	570	544	534	502	404	528	202	405
2023-24	564	538	528	498	394	528	191	401
2024-25	552	528	522	494	376	528	202	395
2025-26	552	524	524	492	376	528	202	395
2026-27	545	527	512	479	379	528	191	395
2027-28	545	524	512	479	379	528	191	395
2028-29	545	524	512	479	379	528	191	395

Projected Percentage Changes

Year	K-12	Diff.	%
2018-19	1349	0	0.0%
2019-20	1285	-64	-4.7%
2020-21	1305	-10	-0.8%
2021-22	1274	-11	-0.8%
2022-23	1290	6	0.5%
2023-24	1213	-77	-6.0%
2024-25	1213	-37	-3.0%
2025-26	1208	-10	-0.4%
2026-27	1183	-25	-2.1%
2027-28	1172	-10	-0.8%
2028-29	1172	-1	-0.1%
Change	-177		-13.9%

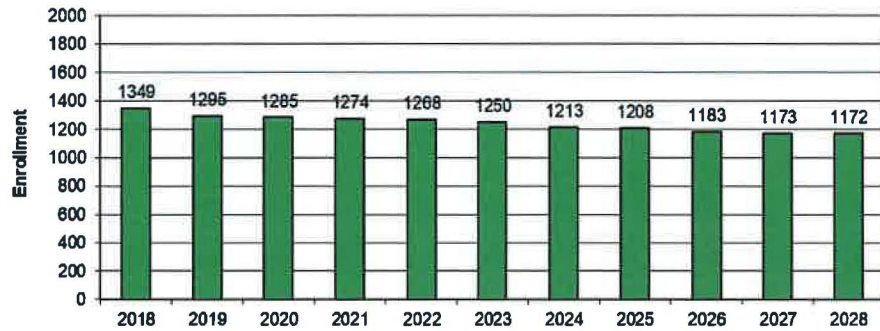
*Projections should be updated annually to reflect changes in non-migration of families, real estate sales, residential construction, births, and similar factors.

©New England School Development Council • 508-481-9444 • www.nesdec.org

20

Plymouth, CT Projected Enrollment

K-12 To 2028 Based On Data Through School Year 2018-19

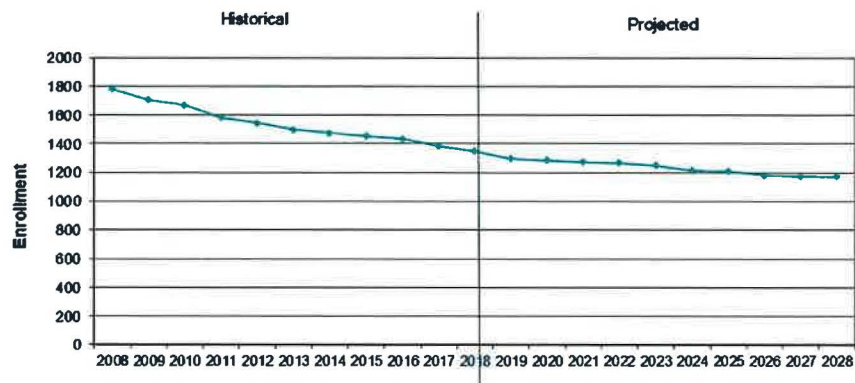


©New England School Development Council • 508-481-9444 • www.nesdec.org

21

Plymouth, CT Historical & Projected Enrollment

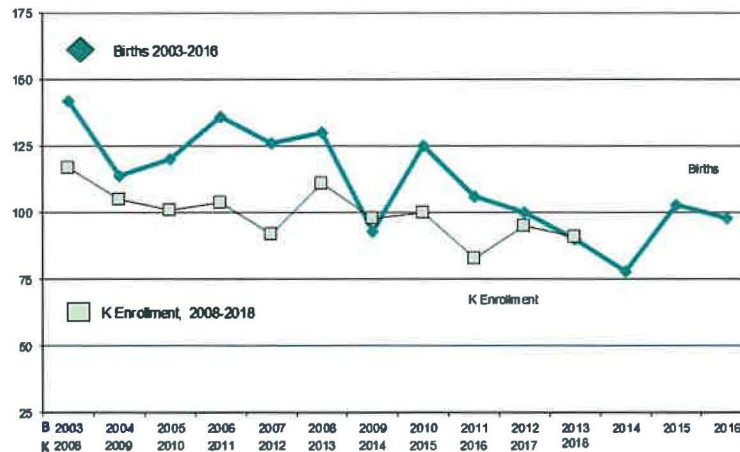
K-12, 2008-2028



©New England School Development Council • 508-481-9444 • www.nesdec.org

22

Plymouth, CT Birth-to-Kindergarten Relationship



©New England School Development Council • 508-481-9444 • www.nesdec.org

23

Plymouth, CT Additional Data

Building Permits Issued		
Year	Single Family	Multi-Units
2005	23	0
2014	6	0
2015	5	0
2016	5	0
2017	5	0
2018	n/a	n/a

Source: HUD and Building Department

Enrollment History		
Year	Career-Tech K-12 Total	Non-Public K-12 Total
2005-06	99	2000-01 = 181
2014-15	100	n/a
2015-16	81	n/a
2016-17	63	n/a
2017-18	64	n/a
2018-19	83	n/a

Residents in Non-Public Independent and Parochial Schools (General Education)													
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

K-12 Home-Schooled Students	
2018	0

K-12 Residents "Choiced-out", or in Charter or Magnet Schools	
2018	118 *
* 2016 = 140	

K-12 Special Education Outplaced Students	
2018	13 *
* 2016 = 22	

K-12 Choiced-In, Tuitioned-In, & Other Non-Residents	
2018	0

The above data were used to assist in the preparation of the enrollment projections. If additional demographic work is needed, please contact our office.

©New England School Development Council • 508-481-9444 • www.nesdec.org

24

CAPACITY ANALYSIS



25

DEFINING "CAPACITY"

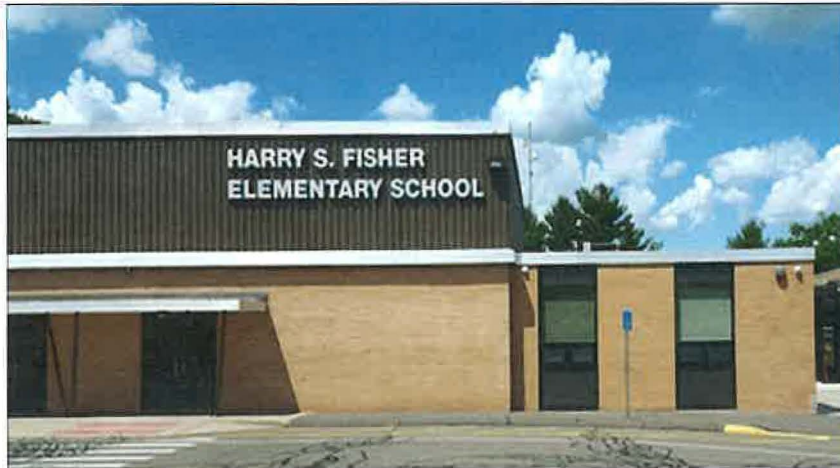
Architects depend heavily on square footage; NESDEC also counts rooms, using the perspective of a school principal who is creating a schedule for the building.

- Current Operating Capacity (COC)
 - Class size (PK = 18; K = 20, 1 - 12 = 25)
 - Current building use including deficiencies and portable classrooms
- Planned Operating Capacity (POC) for a 21st Century Educational Program
 - Focuses on future planning/construction purposes
 - Corrects deficiencies, keeps current programs
 - Provides appropriate core and specialized facilities
 - Considers parity/equity among all buildings
 - Eliminates temporary facilities (e.g., portables)
 - Meets current code requirements

NESDEC advises that for long-term planning, districts maintain a minimum of a 10% capacity cushion to accommodate future growth (calculated as POC total less 10%).

26

FISHER ELEMENTARY SCHOOL



27

FACILITY PROFILE: FISHER ELEMENTARY SCHOOL

Grades	K-5
Site Acreage	34.36 Acres
Built	1961
Addition/Renovation	1969 addition 2007 renovation
Square Footage	65,000 sq. ft.
# Interchangeable Classrooms	18
Oct. 1, 2018 Enrollment	332

28

CURRENT AND PLANNED OPERATING CAPACITY: FISHER ELEMENTARY SCHOOL

Current Operating Capacity (COC)	Planned Operating Capacity (POC)
3 Grades K x 20 = 60 15 Grades 1-5 x 25 = 375 4 self-contained Special Education classrooms x 8 = 32	3 Grades K x 20 = 60 15 Grades 1-5 x 25 = 375 4 self-contained Special Education classrooms x 8 = 32
Total COC: 467	Total POC: 467

29

FISHER ELEMENTARY SCHOOL (Cont.)

Instructional Spaces:

- 18 interchangeable classrooms
- 1 Art room, with kiln and sink, adequate storage
- 1 Music room and 1 Band room with adequate storage
- 4 self-contained Special Education classrooms
- 2 Response to Intervention (RTI) classrooms

Core Facilities:

- 1 Cafeteria – full kitchen – meals prepared on site, 6 lunch waves, total capacity for seating is 196, floor seating is HC
- Library/Media Center has seating for 50
- 1 Gymnasium/Auditorium with 1 teaching station, stage is HC accessible, adequate storage

30

FISHER ELEMENTARY SCHOOL (Cont.)

Administrative Space:

- 1 Principal's office, space is adequate
- 1 Dean of Students, space is adequate
- 1 Administrative Assistant in main office, space is adequate
- 1 Conference room, space is adequate
- Full-time Nurse's office contains 3 day beds, private exam area, restroom is HC-accessible
- 1 teacher lunchroom/workroom, space is adequate
- 1 district shared BCBA, space is adequate

31

FISHER ELEMENTARY SCHOOL (Cont.)

Support Staff:

- 1 part-time Social Worker and 1 full-time Psychologist, space is adequate
- 2.3 Speech and Language, one space is adequate, the other is in a converted area off the cafeteria
- 2 OT/PT in shared space that is adequate
- 1 Mathematics coach and 2 Literacy coaches, space is adequate
- 4 part-time tutors, space is adequate
- 1 district BCBA, space is adequate
- 1 educator for students with hearing impairment, space is adequate

32

FISHER ELEMENTARY SCHOOL (Cont.)

Instructional/Administrative Technology:

- 8 computer carts with 25 devices each
- Classrooms have LCD projection devices
- Educators have laptops
- Computer lab has 25 desktops
- Wi-Fi access is reliable
- Some electronic texts are used; for example, to support the Mathematics program, online assessments, Literacy
- Special Ed plans, health records, grading and attendance computerized

ADA/Handicapped Access:

- Curb cuts and handicapped parking spaces are available and HC-accessible
- Restrooms are HC-accessible
- Lever door handles and "closed-fist" crash bars are evident
- Route of travel in the building does require stairs; ramp and lift are available

33

FISHER ELEMENTARY SCHOOL (Cont.)

Major Systems & Maintenance:

- Windows and doors are reported as in need of improvement, can be drafty
- HVAC is reported as in need of improvement, cold spots in some areas
- The roof is reported as in need of improvement; some leaks have been addressed in a timely manner
- Plumbing, electrical, walls and flooring are reported as satisfactory

34

FISHER ELEMENTARY SCHOOL (Cont.)

Site Information:

- Parking during the school day and event parking is reported as satisfactory
- Areas for drop-off and pick-up noted as satisfactory; however, parking during these times can be challenging
- Field/play space noted as satisfactory
- Proximity to traffic noted as satisfactory

Storage:

- Storage for classroom supplies, custodial supplies, administrative supplies/records, and kitchen supplies are reported as adequate

35

PLYMOUTH CENTER ELEMENTARY SCHOOL



36

FACILITY PROFILE: PLYMOUTH CENTER ELEMENTARY SCHOOL

Grades	PK-5
Site Acreage	10 Acres
Built	1952
Addition/Renovation	1992 addition 1996 renovation
Square Footage	68,752
# Interchangeable Classrooms	16
Oct. 1, 2018 Enrollment	323

37

CURRENT AND PLANNED OPERATING CAPACITY: PLYMOUTH CENTER ELEMENTARY SCHOOL

Current Operating Capacity (COC)	Planned Operating Capacity (POC)
3 Half-Day Grade PK x 18= 54 (2 classrooms utilized) 1 full-day PK x 18 = 18 2 Grade K x 20 = 40 10 Grades 1-5 x 25 = 250 1 empty classroom x 25 = 25	3 Half-Day Grade PK x 18= 54 (2 classrooms utilized) 1 full-day PK x 18 = 18 2 Grade K x 20 = 40 10 Grades 1-5 x 25 = 225 1 empty classroom x 25 = 25
Total COC: 387	Total POC: 387
Note: 3 classrooms utilized by Head Start and EdAdvance preschool programs not included in the COC	Note: 3 classrooms utilized by Head Start and EdAdvance preschool programs not included in the POC

38

PLYMOUTH CENTER ELEMENTARY SCHOOL (Cont.)

Instructional Spaces:

- 16 interchangeable classrooms
- 1 Art room, with sink and adequate storage, kiln
- 1 Music room and 1 Band room with adequate storage
- 2 Response to Intervention (RTI) classrooms
- 3 Special Education resource rooms
- 2 small group Special Education resource rooms
- 3 classrooms utilized by preschool rental program with 2 office spaces provided

Core Facilities:

- 1 Cafeteria with a full kitchen, 4 lunch waves, serves 152 students, HC-accessible
- 1 Library/Media Center, seating for 38
- 1 Gymnasium/Auditorium with 1 PE teaching station, floor seating 350 HC-accessible, stage is HC-accessible (elevator)

39

PLYMOUTH CENTER ELEMENTARY SCHOOL (Cont.)

Administrative Space:

- 1 Principal's office, space is adequate
- 1 Administrative Assistant in main office, space is adequate
- 2 Conference spaces, space is adequate
- Full-time Nurse's office contains 3 day beds, private exam area, restroom is HC-accessible
- 1 teacher lunchroom and 1 teacher workroom, space is adequate

40

PLYMOUTH CENTER ELEMENTARY SCHOOL (Cont.)

Support Staff:

- 1 part-time Social Worker and 1 full-time Psychologist, space is adequate
- 1.7 FTE Speech and Language, space is adequate
- One full-time OT/PT, space is adequate
- One Mathematics Coach and One Literacy Coach, space is adequate
- 2 instructional tutors, space is adequate
- 1 District BCBA, space is adequate

41

PLYMOUTH CENTER ELEMENTARY SCHOOL (Cont.)

Instructional/Administrative Technology:

- 8 laptop carts with 25 devices each
- Classrooms have LCD projection devices
- Educators have laptops
- Library has two desktops and one laptop cart
- Computer lab has 25 desktops
- Some electronic texts used; for example, to support the Mathematics program, online assessments
- Wi-Fi access is reliable
- Special Ed plans, health records, grading and attendance computerized

ADA/Handicapped Access:

- Curb cuts and handicapped parking spaces are available and are HC-accessible, as are restrooms
- Lever door handles and "closed-fist" crash bars are evident
- Route of travel in the building does require stairs; there is an elevator

42

PLYMOUTH CENTER ELEMENTARY SCHOOL (Cont.)

Major Systems & Maintenance:

- HVAC is reported as in need of improvement, heat varies from area to area
- The roof is reported as in need of improvement; some leaks reported
- Doors are reported as in need of improvement as well as windows; some are drafty
- Plumbing, electrical, walls and flooring as reported as satisfactory

43

PLYMOUTH CENTER ELEMENTARY SCHOOL (Cont.)

Site Information:

- Parking during the school day is reported as satisfactory
- Areas for drop-off and pick-up reported as in need of improvement, especially associated with the preschool pick-up and drop-off
- Event parking reported as in need of improvement, can be congested for parking
- Field/play space noted as satisfactory
- Proximity to traffic noted as satisfactory

Storage:

- Storage for classroom supplies reported as inadequate
- Storage for custodial supplies is inadequate
- Storage for administrative supplies/records is inadequate
- Storage for kitchen supplies is inadequate

44

ELI TERRY JR. MIDDLE SCHOOL



45

FACILITY PROFILE: ELI TERRY JR. MIDDLE SCHOOL

Grades	6-8
Site Acreage	7 Acres
Built	1951/52
Addition/Renovation	1965 and 1982 2008 Cafeteria moved to Wood Shop area and Wood Shop moved
Square Footage	106,250 sq. ft.
# Interchangeable Classrooms	15, Including Science
Oct. 1, 2018 Enrollment	354

46

ELI TERRY JR. MIDDLE SCHOOL CURRENT/PLANNED OPERATING CAPACITY

Room Description	Rooms/ Teaching Stations	Student Stations	Total
Middle School			
Regular Interchangeable Classrooms (English, Mathematics, Social Studies, World Languages)	12	25	300
Science rooms	3	25	75
Special Needs (Self- contained)	3	12	36
Middle School – COC			411
Vacant Classrooms	5	25	125
Middle School – POC			536

47

ELI TERRY JR. MIDDLE SCHOOL

Instructional Spaces:

- 12 classrooms used for English, Math, Social Studies, and World Language instruction
- 3 Science rooms
- 1 Art room – Sink, storage; adequate
- 1 Chorus, Band and General Music room, plus 2 practice spaces, and storage
- 1 STEM Instructional space
- 3 Self-contained Special Education classrooms
- 3 Special Ed pull-out spaces (1 Grade 6, 1 Grade 7, 1 Grade 8)
- 2 Behavior rooms
- 1 ISS space
- 5 vacant instructional spaces

48

ELI TERRY JR. MIDDLE SCHOOL (Cont.)

Core Facilities:

- Cafeteria – capacity 212, full kitchen, 3 lunch waves, 2 serving lines
- Gym – 2 teaching stations – divider, bleachers function, seating capacity bleachers 1,040 – HC seating-no, 2 locker rooms – Stage with HC access, lighting and sound
- No Auditorium
- Library/Media Center – accommodates 2 classes, storage adequate

49

ELI TERRY JR. MIDDLE SCHOOL (Cont.)

Administrative Space:

- 1 Principal's office – adequate
- 1 Dean of Students office – adequate
- 1 Administrative Assistant's workstation – adequate
- 2 Conference spaces – adequate
- Nurse's station – private exam area, 1 HC restroom, 3 day beds
- 1 School Resource Officer office
- 3 Teacher workspaces – 1 with lounge and work area – 2 with work room – copier

50

ELI TERRY JR. MIDDLE SCHOOL (Cont.)

Support Staff:

- 2 Guidance and 1 part-time Social Worker – Spaces viewed as adequate – conference space
- 1 Psychologist – Designated space – privacy sometimes an issue
- OT/PT – uses Nurse's space or former Health classroom
- 1 part-time Speech and Language – space viewed as adequate
- Reading Coach – designated office and intervention space – adequate
- Math Coach – designated office space and 1 space for student meetings – viewed as adequate
- 1 Custodian's office – viewed as adequate

51

ELI TERRY JR. MIDDLE SCHOOL (Cont.)

Instructional/Administrative Technology:

- 0 Computer Labs
- 406 Chrome Books or similar devices
- Smart Boards or similar devices available – Yes
- Special Ed plans, health records, grading and attendance are done electronically
- Wireless accessibility is viewed as adequate

ADA/Handicapped Access:

- ADA-compliant regarding Parking/curb cuts, toilets, levered door handles, and "closed fist" crash bars, route of travel not requiring stairs, elevator

52

ELI TERRY JR. MIDDLE SCHOOL (Cont.)

Major Systems & Maintenance:

- The plumbing is reported to be satisfactory
- The HVAC system is reported to be in need of improvement – inconsistent from area to area
- The electrical system is reported to be satisfactory
- The windows and doors are reported to be in need of improvement – not energy-efficient
- The roof has had leaks; however, there have been no recent issues
- The walls and floors are reported to be in satisfactory condition

53

ELI TERRY JR. MIDDLE SCHOOL (Cont.)

Site Information:

- School day parking and event parking are reported to be tight for staff and visitors
- Field space is viewed as satisfactory
- Areas for pick-up and drop-off are reported to be satisfactory – upgrades occurred last year
- Proximity to traffic is viewed as satisfactory but there is a back-up at the end of the school day

Storage:

- Storage for classroom, custodial, administrative supplies and records and kitchen supplies is adequate

54

TERRYVILLE HIGH SCHOOL



55

FACILITY PROFILE: TERRYVILLE HIGH SCHOOL

Grades	9-12
Site Acreage	59.2 Acres
Built	2007/2008
Addition/Renovation	None
Square Footage	111,316 sq. ft.
# Interchangeable Classrooms	17
Oct. 1, 2018 Enrollment	454

56

**TERRYVILLE HIGH SCHOOL
CURRENT/PLANNED OPERATING CAPACITY**

Room Description	Number of Rooms/Teaching Stations	Student Stations	Total
Regular Interchangeable Classrooms English, Mathematics, Social Studies, World Language	17	25	425
Art rooms (an additional room is used for storage and project work)	1	25	25
Science Labs	5	25	125
Music	1 Band, Chorus, General Music room 1 Piano Room	30 12	42
Health	1	25	25
Physical Education/Fitness/Workout	3 Teaching stations	25	75
Special Needs (Self-contained)	6	12	72
Consumer Science	1	16	16
1 TV Studio – Digital Media Center, 1 Wood/Construction Area	2	14	28
Business Instructional space	1	20	20
Current Operating Capacity – COC		853 x .75 = 639	639
Vacant Spaces 1 Science Lab (309) x 25 = 25 1 Classroom (322) x 25 = 25		2 x 25 = 50	
Planned Operating Capacity – POC		853 + 50 = 903 x .75 = 677	677

57

TERRYVILLE HIGH SCHOOL

Instructional Spaces:

- 18 English, Math, Social Studies and World Language instructional spaces (1 vacant – used for storage)
- 6 Science Labs (1 vacant)
- 1 Consumer Science – Foods instructional space
- 2 Art rooms – 1 used for project work and storage
- 1 Health instruction room
- 1 Band, Chorus, general Music room and 1 Piano instruction area and practice spaces
- 1 Tech Ed/Wood and 1 Business classroom
- 1 TV/Movie Production and Digital Media space
- 6 self-contained Special Education classroom spaces

58

TERRYVILLE HIGH SCHOOL (Cont.)

Core Facilities:

- Cafeteria – capacity 189, full kitchen, 3 lunch waves, 2 serving lines – 1 hot, 1 Deli
- Gym – 2 teaching stations plus Fitness and Workout stations, bleachers function well, seating capacity bleachers = 400 – HC seating designated, 2 locker rooms – functioning, A.D. Coaches/P.E./Athletic Trainer spaces
- Auditorium – seating capacity = 630, stage HC-accessible, HC seating available, sound and lighting viewed as adequate
- Library/Media Center – accommodates 2-3 classes, 10 computers, storage adequate but tight

59

TERRYVILLE HIGH SCHOOL (Cont.)

Administrative Space:

- 1 Principal's office – adequate
- 1 Assistant Principal's office – adequate
- 4 Administrative Assistant workspaces – 2 Main Office, 1 Guidance, 1 School to Career – viewed as adequate
- 1 School Resource Officer space
- 1 Administrative work room
- 1 Conference space – viewed as adequate
- Nurses station – private exam area, 1 HC restroom, 3 day beds
- 1 ISS Space
- 3 Teacher workspaces – each with lounge, refrigerator, sinks and work area

60

TERRYVILLE HIGH SCHOOL (Cont.)

Support Staff:

- 2 Guidance offices – Spaces viewed as adequate
- 1 part-time Social Worker, adequate space
- 1 Psychologist – office privacy needs improvement
- 1 tutors' work area
- OT/PT – no designated space, utilize Social Worker space, Conference Room or Special Education room when available
- 1 part-time Speech and Language, no designated space
- 1 Custodial office and 2 Maintenance areas, 1 Mechanical room,
- 1 Head end area
- 1 Tech. Department work space

81

TERRYVILLE HIGH SCHOOL (Cont.)

Central Office:

- Superintendent's Office
- 2 Secretarial Administrators
- 1 Special Ed Director's Office
- 1 Curriculum, Instruction and Assessment Office
- 1 Business Office
- 1 Copy/Workroom
- 1 conference space

82

TERRYVILLE HIGH SCHOOL (Cont.)

Instructional/Administrative Technology:

- 0 Computer Labs
- 414 Chrome Books or similar devices
- Electronic texts – No
- Smart Boards or similar devices – Yes, in most classrooms
- Special Ed plans, health records, grading and attendance are done electronically
- Wireless accessibility – Yes

ADA/Handicapped Access:

- ADA-compliant regarding Parking/curb cuts, toilets, levered door handles, and "closed fist" crash bars, route of travel not requiring stairs, elevator

63

TERRYVILLE HIGH SCHOOL (Cont.)

Major Systems & Maintenance:

- The plumbing is reported to be satisfactory – a recent issue has been addressed
- HVAC is viewed as inconsistent
- The electrical system is reported to be satisfactory
- The windows and doors are energy-efficient
- The roof is viewed as in satisfactory condition – 1 drain issue has been addressed
- The flooring is reported to be satisfactory
- Walls are viewed as structurally sound

64

TERRYVILLE HIGH SCHOOL (Cont.)

Site Information:

- School day parking is adequate for staff and visitors
- Event parking is viewed as in need of improvement – inadequate for Graduation and very tight for some basketball games
- Field space is viewed as satisfactory
- Areas for pick-up and drop-off are reported to be satisfactory
- Proximity to traffic is reported to be an issue at the end of the school day

Storage:

- Storage for classroom, Custodial, Administrative supplies and records and Kitchen supplies is reported to be adequate

65

OPTIONS



66

OPTIONS

Using information gained from its analysis of the enrollment projections, coupled with its instructional programming/facility capacity analysis, NESDEC has analyzed potential alternatives for the District to review as it moves forward in the development of a Long-Range Facility Plan.

*The alternatives that the NESDEC Team is presenting include a bulleted outline description of each option as well as a listing of advantages and challenges. The options are designed to serve as a catalyst for further analysis and discussion. Thus, this document should be considered not as an end-product, but rather as a beginning point for future planning. **Option implementation typically takes a minimum of 1-2 years.***

The possibility of regionalization can only be applied to options 1 and 3.

67

OPTION 1

Description:

Consider reconfiguring elementary schools to specific grade span schools, PK-2 and 3-5

Grade Level Alignment:

- Grades PK-2 at Plymouth Center Elementary School
- Grades 3-5 at Fisher Elementary School
- Grades 6-8 at the Eli Terry Jr. Middle School
- Grades 9-12 at Terryville High School

68

OPTION 1 (Cont.)

Grades PK-2 at Plymouth Center Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	332	372	40	334	2
2020-21	330	372	42	334	4
2021-22	333	372	39	334	1
2022-23	350	372	22	334	-15
2023-24	341	372	31	334	-6
2024-25	338	372	34	334	-3
2025-26	340	372	32	334	-5
2026-27	344	372	28	334	-9
2027-28	346	372	26	334	-11
2028-29	345	372	27	334	-10

69

OPTION 1 (Cont.)

Grades PK-2 at Plymouth Center Elementary School, with the addition of one instructional space due to reconfiguration

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	332	397	65	357	25
2020-21	330	397	67	357	27
2021-22	333	397	64	357	24
2022-23	350	397	47	357	7
2023-24	341	397	56	357	16
2024-25	338	397	59	357	19
2025-26	340	397	57	357	17
2026-27	344	397	53	357	13
2027-28	346	397	51	357	11
2028-29	345	397	52	357	12

70

OPTION 1 (Cont.)

Grades 3-5 at Fisher Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	277	482	205	433	156
2020-21	279	482	203	433	154
2021-22	277	482	205	433	156
2022-23	268	482	214	433	165
2023-24	263	482	219	433	170
2024-25	264	482	218	433	169
2025-26	282	482	200	433	151
2026-27	271	482	211	433	162
2027-28	267	482	215	433	166
2028-29	268	482	214	433	165

71

OPTION 1 (Cont.)

Grades 6-8 at the Eli Terry Jr. Middle School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	367	536	169	482	115
2020-21	338	536	198	482	144
2021-22	331	536	205	482	151
2022-23	298	536	238	482	184
2023-24	300	536	236	482	182
2024-25	298	536	238	482	184
2025-26	288	536	248	482	194
2026-27	283	536	253	482	199
2027-28	285	536	251	482	197
2028-29	303	536	233	482	179

72

OPTION 1 (Cont.)

Grades 9-12 at Terryville High School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	390	677	287	609	219
2020-21	410	677	267	609	199
2021-22	406	677	271	609	203
2022-23	426	677	251	609	183
2023-24	421	677	256	609	188
2024-25	389	677	288	609	220
2025-26	375	677	302	609	234
2026-27	363	677	314	609	246
2027-28	354	677	323	609	255
2028-29	336	677	341	609	273

73

OPTION 1 (Cont.)

Advantages:

- Grade span configuration affords more consistent elementary class sizes and the facilitation of collaboration, coordination, and communication between grade level educators
- Potential to increase support for Special Education programming by coordinating programming by school
- Includes instructional space for Head Start and EdAdvance PK programs at Plymouth Center Elementary School

Challenges:

- Eliminates K-5 neighborhood (community) school
- Increases student transitions from three to four
- Need to restructure and/or expand some transportation routes (cost)
- Increased travel time for some elementary students and parents
- Costs associated with reconfiguring spaces

74

OPTION 2

Description:

Consider closure of an elementary school and reconfigure elementary to PK-3, moving grades 4 and 5 to the Eli Terry Jr. Middle School and Grades 7 and 8 to Terryville High School.

Grade Level Alignment:

- Grades PK-3 at Fisher Elementary School or PK-3 at Plymouth Center Elementary School
- Grades 4-6 at Eli Terry Jr. Middle School
- Grades 7-12 at Terryville High School

75

OPTION 2 (Cont.)

Grades PK-3 at Fisher Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs Projected Enrollment Difference
2019-20	414	472	58	424	10
2020-21	429	472	43	424	-4
2021-22	421	472	51	424	3
2022-23	422	472	50	424	2
2023-24	436	472	36	424	-11
2024-25	428	472	44	424	-3
2025-26	428	472	44	424	-3
2026-27	429	472	43	424	-4
2027-28	432	472	40	424	-7
2028-29	434	472	38	424	-9

76

OPTION 2 (Cont.)

Grades PK-3 at Fisher Elementary School, with the addition of one instructional space due to reconfiguration

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	414	497	83	447	33
2020-21	429	497	68	447	18
2021-22	421	497	76	447	26
2022-23	422	497	75	447	25
2023-24	436	497	61	447	11
2024-25	428	497	69	447	19
2025-26	428	497	69	447	19
2026-27	429	497	68	447	18
2027-28	432	497	65	447	15
2028-29	434	497	63	447	13

77

OPTION 2 (Cont.)

Grades PK-3 at Plymouth Center Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	414	372	-42	334	-80
2020-21	429	372	-57	334	-95
2021-22	421	372	-49	334	-87
2022-23	422	372	-50	334	-88
2023-24	436	372	-64	334	-102
2024-25	428	372	-56	334	-94
2025-26	428	372	-56	334	-94
2026-27	429	372	-57	334	-95
2027-28	432	372	-60	334	-98
2028-29	434	372	-62	334	-100

78

OPTION 2 (Cont.)

PK-3 at Plymouth Center Elementary School, with the addition of two instructional spaces due to reconfiguration and three instructional spaces that are currently used by EdAdvance and Head Start PK programs

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	414	497	83	447	33
2020-21	429	497	68	447	18
2021-22	421	497	76	447	26
2022-23	422	497	75	447	25
2023-24	436	497	61	447	11
2024-25	428	497	69	447	19
2025-26	428	497	69	447	19
2026-27	429	497	68	447	18
2027-28	432	497	65	447	15
2028-29	434	497	63	447	13

79

OPTION 2 (Cont.)

Grades 4-6 at Eli Terry Jr. Middle School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	318	536	218	482	164
2020-21	286	536	250	482	196
2021-22	287	536	249	482	195
2022-23	286	536	250	482	196
2023-24	277	536	259	482	205
2024-25	270	536	266	482	212
2025-26	273	536	263	482	209
2026-27	291	536	245	482	191
2027-28	279	536	257	482	203
2028-29	275	536	261	482	207

80

OPTION 2 (Cont.)

Grades 7-12 at Terryville High School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	634	677	43	609	-24
2020-21	642	677	35	609	-32
2021-22	639	677	38	609	-29
2022-23	634	677	43	609	-24
2023-24	612	677	65	609	-2
2024-25	591	677	86	609	18
2025-26	584	677	93	609	25
2026-27	541	677	136	609	68
2027-28	541	677	136	609	68
2028-29	543	677	134	609	66

81

OPTION 2 (Cont.)

Grades 7-12 at Terryville High School, with the addition of two instructional spaces due to reconfiguration

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	634	727	93	654	20
2020-21	642	727	85	654	12
2021-22	639	727	88	654	15
2022-23	634	727	93	654	20
2023-24	612	727	115	654	42
2024-25	591	727	136	654	63
2025-26	584	727	143	654	70
2026-27	541	727	186	654	113
2027-28	541	727	186	654	113
2028-29	543	727	184	654	111

82

OPTION 2 (Cont.)

Advantages:

- Potential utilization of vacated elementary school facility by collaborative programs, municipal and civic organizations
- Operational savings due to the closure of elementary school
- Grade span configuration affords more consistent elementary class sizes and the facilitation of collaboration, coordination, and communication between grade level educators
- Grade 8 students have access to High School programming and Grades 7-8 have access to a 21st Century facility
- Potential to increase support for Special Education programming by coordinating programming by school

83

OPTION 2 (Cont.)

Challenges:

- Eliminates K-5 neighborhood (community) school
- Instructional spaces would no longer be available for the EdAdvance and Head Start preschool programs at Plymouth Center Elementary
- Advanced planning for accommodation of three district-based PK classrooms at Fisher Elementary School, should Plymouth Center Elementary be closed
- Advanced planning for realignment and accommodation of middle school spaces to support Grades 4-6 programming, including playground space for Grades 4-6
- Advanced planning for realignment and accommodation of middle school athletics
- Advanced planning for realignment and accommodation of current middle/high school spaces to support Grades 7-8 programming and maintain adequate grade level and program separation

84

OPTION 2 (Cont.)

Challenges: (cont.)

- Advanced planning and organization to accommodate Grades 7-12 usage of shared High School instructional spaces, for example, gymnasium, nurse's office, library, counselor's offices, instructional coaches, etc.
- Need to ensure that there is sufficient space and staff at the High School to accommodate programming needs in areas such as Art, Music, Physical Education, field spaces (some practices and games may have to be scheduled off-site), and other specialized areas
- Need to restructure and/or expand some transportation routes (cost)
- Increased travel time for some students and possibility of increased congestion during pick-up and drop-off
- Costs associated with reconfiguring spaces

85

OPTION 2 (Cont.)

Challenges: (cont.)

- In order to accommodate any additional instructional space needs at the High School, **it may be necessary for the district to implement some of the following:**
 - Increasing High School class size minimums for some lower enrollment courses
 - Designating fewer classrooms for prep periods, as compared to the present schedule – individual classroom educators may have less frequent access to their classrooms during prep periods
 - Offering some electives in alternate years
 - Offering online courses for minimally enrolled courses, for example, AP or engineering/technology offerings
 - Expanding the reconfiguration of instructional spaces
 - Adding 4-5 modular classrooms (inclusive of design, permitting, site development and building cost, etc.)

86

OPTION 3

Description:

Consider closure of an elementary school, moving Grades 4 and 5 to Eli Terry Middle School and Grade 8 to Terryville High School

Grade Level Alignment:

- Grades PK-3 at Fisher Elementary School or PK-3 at Plymouth Center Elementary School
- Grades 4-7 at Eli Terry Jr. Middle School
- Grades 8-12 at Terryville High School

87

OPTION 3 (Cont.)

Grades PK-3 at Fisher Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	414	472	58	424	10
2020-21	429	472	43	424	-4
2021-22	421	472	51	424	3
2022-23	422	472	50	424	2
2023-24	436	472	36	424	-11
2024-25	428	472	44	424	-3
2025-26	428	472	44	424	-3
2026-27	429	472	43	424	-4
2027-28	432	472	40	424	-7
2028-29	434	472	38	424	-9

88

OPTION 3 (Cont.)

Grades PK-3 at Fisher Elementary School, with the addition of one instructional space due to reconfiguration

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	414	497	83	447	33
2020-21	429	497	68	447	18
2021-22	421	497	76	447	26
2022-23	422	497	75	447	25
2023-24	436	497	61	447	11
2024-25	428	497	69	447	19
2025-26	428	497	69	447	19
2026-27	429	497	68	447	18
2027-28	432	497	65	447	15
2028-29	434	497	63	447	13

89

OPTION 3 (Cont.)

Grades PK-3 at Plymouth Center Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	414	372	-42	334	-80
2020-21	429	372	-57	334	-95
2021-22	421	372	-49	334	-87
2022-23	422	372	-50	334	-88
2023-24	436	372	-64	334	-102
2024-25	428	372	-56	334	-94
2025-26	428	372	-56	334	-94
2026-27	429	372	-57	334	-95
2027-28	432	372	-60	334	-98
2028-29	434	372	-62	334	-100

90

OPTION 3 (Cont.)

PK-3 at Plymouth Center Elementary School, with the addition of two instructional spaces due to reconfiguration and three instructional spaces that are currently used by EdAdvance and Head Start PK programs

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	414	497	83	447	33
2020-21	429	497	68	447	18
2021-22	421	497	76	447	26
2022-23	422	497	75	447	25
2023-24	438	497	61	447	11
2024-25	428	497	69	447	19
2025-26	428	497	69	447	19
2026-27	429	497	68	447	18
2027-28	432	497	65	447	15
2028-29	434	497	63	447	13

91

OPTION 3 (Cont.)

Grades 4-7 at Eli Terry Jr. Middle School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	425	538	111	482	57
2020-21	411	538	125	482	71
2021-22	395	538	141	482	87
2022-23	386	538	150	482	96
2023-24	368	538	168	482	114
2024-25	381	538	155	482	101
2025-26	371	538	165	482	111
2026-27	371	538	165	482	111
2027-28	386	538	150	482	96
2028-29	375	538	161	482	107

92

OPTION 3 (Cont.)

Grades 8-12 at Terryville High School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	527	677	150	609	82
2020-21	517	677	160	609	92
2021-22	531	677	146	609	78
2022-23	534	677	143	609	75
2023-24	521	677	156	609	88
2024-25	480	677	197	609	129
2025-26	486	677	191	609	123
2026-27	481	677	216	609	148
2027-28	434	677	243	609	175
2028-29	443	677	234	609	166

93

OPTION 3 (Cont.)

Advantages:

- Potential utilization of vacated elementary school facility by collaborative programs, municipal and civic organizations
- Operational savings due to the closure of an elementary school
- Grade 8 students have access to High School programming and to a 21st Century facility
- Grade span configuration affords facilitation of collaboration, coordination, and communication between grade level educators

94

OPTION 3 (Cont.)

Challenges:

- Eliminates K-5 neighborhood (community) school
- Instructional spaces would no longer be available for the EdAdvance and Head Start preschool programs at Plymouth Center Elementary
- Advanced planning for accommodation of three district-based PK classrooms at Fisher Elementary School, should Plymouth Center Elementary be closed
- Advanced planning for realignment and accommodation of middle school spaces to support Grades 4-7 programming, including playground space for Grades 4-6
- Advanced planning for realignment and accommodation of middle school athletics
- Advanced planning for realignment and accommodation of current High School spaces to support Grade 8 programming and maintain adequate grade level and program separation
- Advanced planning and organization to accommodate Grades 8-12 usage of shared spaces; for example Nurse's office, Library, counselor's offices, instructional coaches, etc.

95

OPTION 3 (Cont.)

Challenges: (cont.)

- Need to ensure that there is sufficient space and staff at the High School to accommodate programming needs in areas such as Art, Music, Physical Education, field spaces (some practices and games may have to be scheduled off-site), and other specialized areas
- Need to restructure and/or expand some transportation routes (cost)
- Increased travel time for some students and parents and the possibility of increased congestion at the High School during pick-up and drop-off
- Costs associated with reconfiguring spaces
- It may be necessary to increase High School class size minimums for some lower enrollment courses. In order to address this issue, some districts implement the following:
 - Some electives are offered in alternate years
 - Online courses could be offered for minimally enrolled courses, for example, AP or engineering/technology offerings

96

OPTION 4

Description:

Consider closure of Eli Terry Jr. Middle School, moving Grades 7-8 to Terryville High School and Grade 6 to the neighborhood elementary school

Grade Level Alignment:

- Grades K-6 at Fisher Elementary School
- Grades PK-6 at Plymouth Center Elementary School
- Grades 7-12 at Terryville High School

97

OPTION 4 (Cont.)

Grades K-6 at Fisher Elementary School and Grades PK-6 at Plymouth Center Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	732	854	122	768	36
2020-21	715	854	139	768	53
2021-22	708	854	146	768	60
2022-23	708	854	146	768	60
2023-24	713	854	141	768	55
2024-25	698	854	156	768	70
2025-26	701	854	153	768	67
2026-27	720	854	134	768	48
2027-28	711	854	143	768	57
2028-29	709	854	145	768	59

98

OPTION 4 (Cont.)

Grades K-6 at Fisher Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	364	467	103	420	56
2020-21	354	467	113	420	66
2021-22	349	467	118	420	71
2022-23	349	467	118	420	71
2023-24	351	467	116	420	69
2024-25	342	467	125	420	78
2025-26	343	467	124	420	77
2026-27	353	467	114	420	67
2027-28	348	467	119	420	72
2028-29	348	467	121	420	74

99

OPTION 4 (Cont.)

Grades PK-6 at Plymouth Center Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	368	387	19	348	-19
2020-21	361	387	26	348	-12
2021-22	359	387	28	348	-10
2022-23	359	387	28	348	-10
2023-24	362	387	25	348	-13
2024-25	356	387	31	348	-7
2025-26	358	387	29	348	-9
2026-27	367	387	20	348	-18
2027-28	363	387	24	348	-14
2028-29	363	387	24	348	-14

100

OPTION 4 (Cont.)

Grades PK-6 at Plymouth Center Elementary School with the addition of two instructional spaces due to reconfiguration

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	368	437	69	393	25
2020-21	361	437	76	393	32
2021-22	359	437	78	393	34
2022-23	359	437	78	393	34
2023-24	362	437	75	393	31
2024-25	356	437	81	393	37
2025-26	358	437	79	393	35
2026-27	367	437	70	393	26
2027-28	363	437	74	393	30
2028-29	363	437	74	393	30

101

OPTION 4 (Cont.)

Grades 7-12 at Terryville High School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	634	677	43	609	-24
2020-21	642	677	35	609	-32
2021-22	639	677	38	609	-29
2022-23	634	677	43	609	-24
2023-24	612	677	65	609	-2
2024-25	591	677	86	609	18
2025-26	584	677	93	609	25
2026-27	541	677	136	609	68
2027-28	541	677	136	609	68
2028-29	543	677	134	609	66

102

OPTION 4 (Cont.)

Grades 7-12 at Terryville High School, with the addition of two instructional spaces due to reconfiguration

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	634	727	93	654	20
2020-21	642	727	85	654	12
2021-22	639	727	88	654	15
2022-23	634	727	93	654	20
2023-24	612	727	115	654	42
2024-25	591	727	136	654	63
2025-26	584	727	143	654	70
2026-27	541	727	186	654	113
2027-28	541	727	186	654	113
2028-29	543	727	184	654	111

103

OPTION 4 (Cont.)

Advantages:

- Includes instructional space for Head Start and EdAdvance PK programs at Plymouth Center Elementary School
- Potential utilization of vacated Eli Terry Jr. Middle School facility by collaborative programs, municipal and civic organizations
- Operational savings due to the closure of Eli Terry Jr. Middle School
- Decreases student transitions from three to two
- Grade 8 students have access to High School programming and Grades 7-8 have access to a 21st Century facility

104

OPTION 4 (Cont.)

Challenges:

- Advanced planning for realignment and accommodation of elementary school spaces to support Grade 6 programming
- In order to accommodate any instructional space needs at the elementary schools, it may be necessary for the district to consider reconfiguration of instructional spaces
- Advanced planning for realignment and accommodation of current High School spaces to support Grades 7-8 programming and maintain adequate grade level and program separation
- Advanced planning and organization to accommodate Grades 7-12 usage of shared spaces, for example, nurse's office, library, counselor's offices, instructional coaches, etc.
- Advanced planning for realignment and accommodation of middle school athletics

105

OPTION 4 (Cont.)

Challenges: (cont.)

- Need to ensure that there is sufficient space and staff at the High School to accommodate programming needs in areas such as Art, Music, Physical Education, field spaces (some practices and games may have to be scheduled off-site), and other specialized areas
- Need to restructure and/or expand some transportation routes (cost)
- Increased travel time for some students and parents and the possibility of increased congestion at the High School during pick-up and drop-off
- Costs associated with reconfiguring spaces

106

OPTION 4 (Cont.)

Challenges: (cont.)

- In order to accommodate any additional instructional space needs at the High School, it may be necessary for the district to implement some of the following:
 - Increasing High School class size minimums for some lower enrollment courses
 - Designating fewer classrooms for prep periods, as compared to the present schedule – individual classroom educators may have less frequent access to their classrooms during prep periods
 - Offering some electives in alternate years
 - Offering online courses for minimally enrolled courses, for example, AP or engineering/technology offerings
 - Expanding the reconfiguration of instructional spaces
 - Adding 4-5 modular classrooms (inclusive of design, permitting, site development and building cost, etc.)

107

OPTION 5

Description:

Consider closure of Eli Terry Jr. Middle School, moving Grades 7-8 to Terryville High School and Grade 6 to the elementary school; consider reconfiguring elementary schools to Grade spans PK-2 and 3-6

Grade level alignment:

- Grades PK-2 at Plymouth Center Elementary School
- Grades 3-6 at Fisher Elementary School
- Grades 7-12 at Terryville High School

108

OPTION 5 (Cont.)

Grades PK-2 at Plymouth Center Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	332	372	40	334	2
2020-21	330	372	42	334	4
2021-22	333	372	39	334	1
2022-23	350	372	22	334	-15
2023-24	341	372	31	334	-6
2024-25	338	372	34	334	-3
2025-26	340	372	32	334	-5
2026-27	344	372	28	334	-9
2027-28	346	372	26	334	-11
2028-29	345	372	27	334	-10

109

OPTION 5 (Cont.)

Grades PK-2 at Plymouth Center Elementary School, with the addition of one instructional space due to reconfiguration

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	332	397	65	357	25
2020-21	330	397	67	357	27
2021-22	333	397	64	357	24
2022-23	350	397	47	357	7
2023-24	341	397	56	357	16
2024-25	338	397	59	357	19
2025-26	340	397	57	357	17
2026-27	344	397	53	357	13
2027-28	346	397	51	357	11
2028-29	345	397	52	357	12

110

OPTION 5 (Cont.)

Grades 3-6 at Fisher Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	400	482	82	433	33
2020-21	385	482	97	433	48
2021-22	375	482	107	433	58
2022-23	358	482	124	433	75
2023-24	372	482	110	433	61
2024-25	360	482	122	433	73
2025-26	361	482	121	433	72
2026-27	376	482	106	433	57
2027-28	365	482	117	433	68
2028-29	364	482	118	433	69

111

OPTION 5 (Cont.)

Grades 7-12 at Terryville High School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	634	677	43	609	-24
2020-21	642	677	35	609	-32
2021-22	639	677	38	609	-29
2022-23	634	677	43	609	-24
2023-24	612	677	65	609	-2
2024-25	591	677	86	609	18
2025-26	584	677	93	609	25
2026-27	541	677	136	609	68
2027-28	541	677	136	609	68
2028-29	543	677	134	609	66

112

OPTION 5 (Cont.)

Grades 7-12 at Terryville High School, with the addition of two instructional spaces due to reconfiguration

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	634	727	93	654	20
2020-21	642	727	85	654	12
2021-22	639	727	88	654	15
2022-23	634	727	93	654	20
2023-24	612	727	115	654	42
2024-25	591	727	136	654	63
2025-26	584	727	143	654	70
2026-27	541	727	186	654	113
2027-28	541	727	186	654	113
2028-29	543	727	184	654	111

113

OPTION 5 (Cont.)

Advantages:

- Includes instructional space for Head Start and EdAdvance PK programs at Plymouth Center Elementary School
- Grade span configuration affords more consistent elementary class sizes and the facilitation of collaboration, coordination, and communication between grade level educators
- Grade 8 students have access to High School programming and Grades 7-8 have access to a 21st Century facility
- Potential to increase support for Special Education programming by coordinating programming by school
- Potential utilization of vacated Eli Terry Jr. Middle School facility by collaborative programs, municipal and civic organizations
- Operational savings due to the closure of Eli Terry Jr. Middle School

114

OPTION 5 (Cont.)

Challenges:

- Eliminates K-5 neighborhood (community) school
- Advanced planning for realignment and accommodation of elementary school spaces to support Grade 6 programming
- Advanced planning for realignment and accommodation of current High School spaces to support Grades 7-8 programming and maintain adequate grade level and program separation
- Advanced planning and organization to accommodate Grades 7-12 usage of shared spaces, for example, nurse's office, library, counselor's offices, instructional coaches, etc.
- Advanced planning for realignment and accommodation of middle school athletics

115

OPTION 5 (Cont.)

Challenges:

- Need to ensure that there is sufficient space and staff at the High School to accommodate programming needs in areas such as Art, Music, Physical Education, field spaces (some practices and games may have to be scheduled off-site), and other specialized areas
- Need to restructure and/or expand some transportation routes (cost)
- Increased travel time for some students and parents and the possibility of increased congestion at the High School during pick-up and drop-off
- Costs associated with reconfiguring spaces

116

OPTION 5 (Cont.)

Challenges: (cont.)

- In order to accommodate any additional instructional space needs at the High School, it may be necessary for the district to implement some of the following:
 - Increasing High School class size minimums for some lower enrollment courses
 - Designating fewer classrooms for prep periods, as compared to the present schedule – individual classroom educators may have less frequent access to their classrooms during prep periods
 - Offering some electives in alternate years
 - Offering online courses for minimally enrolled courses, for example, AP or engineering/technology offerings
 - Expanding the reconfiguration of instructional spaces
 - Adding 4-5 modular classrooms, inclusive of design, permitting, site development and building cost, etc.)

117

OPTION NOT BROUGHT FORWARD (inadequate capacity)

Description:

Consider closure of Eli Terry Jr. Middle School, moving grades 6-8 to Terryville High School

Grade Level Alignment:

- Grades K-5 at Fisher Elementary School
- Grades PK-5 at Plymouth Center Elementary School
- Grades 6-12 at Terryville High School

118

**OPTION NOT BROUGHT FORWARD
(inadequate capacity)**

Grades K-5 at Fisher Elementary School and Grades PK-5 at Plymouth Center Elementary School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	609	842	233	757	148
2020-21	609	842	233	757	148
2021-22	610	842	232	757	147
2022-23	618	842	224	757	139
2023-24	604	842	238	757	153
2024-25	602	842	240	757	155
2025-26	622	842	220	757	135
2026-27	615	842	227	757	142
2027-28	613	842	229	757	144
2028-29	613	842	229	757	144

119

**OPTION NOT BROUGHT FORWARD
(inadequate capacity)**

Grades 6-12 at Terryville High School

School Year	Projected Enrollment	(POC) Planned Operating Capacity	POC - Projected Enrollment Difference	POC with 10% Enrollment Cushion	POC with 10% Cushion vs. Projected Enrollment Difference
2019-20	757	677	-80	609	-147
2020-21	748	677	-71	609	-138
2021-22	737	677	-60	609	-127
2022-23	724	677	-47	609	-114
2023-24	721	677	-44	609	-111
2024-25	687	677	-10	609	-77
2025-26	663	677	14	609	-53
2026-27	646	677	31	609	-36
2027-28	639	677	38	609	-29
2028-29	639	677	38	609	-29

120

The Plymouth School District deserves to be commended for commissioning this study. The town is engaged in thoughtful, data-based planning and prudent use of available resources. Planning for municipal and school needs begins with a firm grounding in community data and accurate forecasting of future population and school enrollments.

121



New England School Development Council

28 Lord Road, Marlborough, MA 01752 ➤ Tel: 508-481-9444 ➤ www.nesdec.org

SCHOOL BOARD QUESTIONS



122

