Approved Sub-Committee 6-3-2008

Long Range Facilities Plan

Facilities, Technology, Long-Term Planning Standing Committee

Final: July 10, 2008

FAIRFIELD PUBLIC SCHOOLS

The Education Center

July 2008

To Whom It May Concern:

Attached please find the Long Range Facilities Plan which was adopted by the Fairfield Board of Education on June 24th, 2008. This plan represents our recommendations to meet increasing enrollments, provide appropriate learning environments and be fiscally responsible.

This plan includes our priorities for building renovations, based on the number of students in each school and projected enrollments. It also includes recommendations for ensuring that all schools are maintained on a regular basis.

The plan is dynamic: as needs are addressed and as enrollments shift (elementary students moving to middle school, middle school students moving to high school, and so on), the priorities in the plan may also change.

The Board of Education will be reviewing this plan at its November 12th meeting. The Board will also receive an update on the projects already underway, new and existing priorities and enrollment changes.

We believe this comprehensive plan will enable us to continue providing an excellent education to all of our students while continuing to maintain our facilities to protect Fairfield's investment.

Sincerely,

Ann Clark

Ann Clark
Superintendent of Schools

Catherine Albin
Chairman, Board of Education

Long Range Planning Committee

Facilities Planning Committee

Standing Committee Meeting
Facilities, Technology, Long-Term Planning

Executive Summary
June, 2008

The Fairfield Board of Education's Facilities, Technology and Long-Term Planning Standing Committee ("Committee") is a sub-committee of the Fairfield Board of Education. The Committee includes Brenda Kupchick, Chairman, John Mitola and Sue Brand. Central Office administrative representatives include Deputy Superintendent Jack Boyle, Director of Operations Tom Cullen and Director of Elementary Education Anna Cutaia-Leonard.

The Committee's primary purpose was to develop a school facility plan that meets the current and future needs of the district. The facility infrastructure needs to be expanded to address overcrowded conditions and accommodate growing enrollment. The committee formulated a set of options/recommendations that are educationally sound and are subject to ongoing review and revision by the Board of Education.

The Committee considered the following information to project the future needs and requirements of the school system:

- Enrollment projections and demographic data;
- Curriculum and educational program changes and needs, including special education;
- Technology and communication implications;
- General support services requirements as they relate to the core facilities, e.g., bathrooms, food services, and storage; and
- Exterior site services, e.g., transportation, parking, traffic and playgrounds.

According to current projections, by the year 2016 the overall school enrollment in the Fairfield Public Schools will be at 9,925, or 104% of capacity without portables. Because the population is not evenly distributed in Fairfield, elementary schools will range in utilization from 74% to 120% with an average of 99% while middle schools will range in utilization from 94% to 113% with an average of 104% and the high schools will range in utilization between 106% and 122% with an average of 114%. In 2016 the following ten schools will have significant overcrowding, based on current projections; all of these schools are overcrowded today.

- Holland Hill Elementary School
- Mill Hill Elementary School
- Osborn Hill Elementary School
- Riverfield Elementary School
- Sherman Elementary School
- Stratfield Elementary School
- Roger Ludlowe Middle School
- Tomlinson Middle School
- Fairfield Ludlowe High School
- Fairfield Warde High School

Boundary Recommendations
A district-wide boundary shift or redistricting would not be an effective way for Fairfield to manage school enrollments. This is so because no boundary solution will reduce school enrollment lower than the optimal capacity since there are too few seats within the various levels to accommodate the projected enrollment.

New Construction Recommendations
To reach optimal capacity standards, based on the Board's 90%, 85%, 85% utilization rate, 1,868 additional seats would be required. This is further defined as 425 seats at the elementary school level, 497 seats at the middle school level and 946 seats at the high school level. In addition to the need for additional classroom space and the removal of portable classrooms, additions to core areas, renovations to bring schools to current standards and ongoing maintenance upgrades are necessary.

Elementary School Level Options
Four hundred and twenty-five (425) new permanent seats are required at the elementary school level to meet the projected enrollment in the year 2016. There are several ways to address the overcrowding conditions and reduction of the heavy reliance on portable classrooms at the elementary school level. One method is to provide additional space in the form of additions and renovations at selected schools that are over capacity, i.e., above 90% utilization in the year 2016 as depicted in the far right column on the chart on page 8 of this report. This method adds space where the children are located and is included within the time line within this report. Another possibility is the construction of a twelfth elementary school, which would require some student redistricting. With either approach, it may be prudent for the First Selectman and the Town to explore the purchase of land for potential future school use.

Middle School Level Options
Four hundred and ninety-seven (497) new permanent seats are required at the middle school level to meet the projected enrollment in the year 2016. There are several ways to address the overcrowding conditions at the middle school level and operate the middle schools at an 85% utilization rate. One is to add space in the middle schools, where feasible. This method adds space where the children are located. Another possibility is the construction of a twelve (12) room addition and renovation to Fairfield Woods Middle School, which would upgrade that school to the level of the other two middle schools and require some student redistricting.

High School Level Options

Nine hundred and forty-six (946) new permanent seats are required at the high school level to meet the projected enrollment in the year 2016. There are several ways to address the overcrowding conditions at the high school level and operate the high schools at an 85% utilization rate. One is to add space in the high schools, where feasible. This method adds space where the children are located. Another possibility is to add core area space to cafeterias, library media centers, etc. and use existing classroom space for multiple faculty, where feasible. An addition at the middle school level may require some student redistricting at the high school level.

The following report includes the supporting data and variables associated with the above recommendations. The District should pay close attention to these variables, including enrollment projections, housing development, student migration and programmatic changes that affect facilities, in order to take the necessary steps to address population shifts as they occur in a proactive, rather than a reactive, manner. The contents of this document must be continually reviewed and updated. As the conditions and factors within Fairfield change, so must the plans for the future. With any approach the Board of Education recommends that it may be prudent for the First Selectman and the Town to explore the purchase of land for potential future school use.

The Committee considered the following information in its recommendations:

- enrollment projections,
- housing development,
- student migration,
- program/curricular needs, and
- school space requirements.

Report Summary

I. Areas of Focus

The Committee proceeded to study this problem by concentrating its efforts on the following areas:

- The Elementary School Space Utilization Task Force Report completed on April 24, 2008. (Appendix 1)
- The Board of Education's Long-Term Facilities Plan completed on November 28, 2006 and approved on February 13, 2007. (Appendix 2)
- The Board of Education's facilities and maintenance plan developed over the past five years by the Director of Operations.
- The 10-year student enrollment projection (K-12) completed by Applied Data Services (ADS) on December 17, 2007 and the New England School Development Council (NESDEC) on December 20, 2007, and existing elementary attendance, regional birthrates, new housing and resale projections, and past and future enrollment reports. (Appendix 3)
- The faculty's needs regarding teaching methods and curriculum development. In particular, small group instructional space for special education, occupational therapy, physical therapy, social work services, technology, computers/networks and storage space.
- The short-term solution for school year 2008/09 and the annexes for school year 2009/10.

II. Utilization Levels and Enrollment

Currently, the combined elementary schools average 107% utilization of capacity without portable classrooms and range in enrollment from 88% to 127% of functional capacity. The middle school and high school enrollment numbers for October 1, 2007 represent 100% and 92% of functional building capacity, respectively. Optimal utilization levels for elementary, middle and high school levels are 90%, 85% and 85%, respectively.

The Fairfield Public Schools' enrollments have grown from 7,787 students in 1999 to 9,709 students in 2007, about a 25% increase. Because of the "under projection" of kindergarten and several other grades over the past two years, Applied Data Services (ADS) has calculated an "upper bound" (using the 2007/08 survival ratio), a "middle bound" and a "lower bound" using a one-year migration ratio, a three-year migration ratio and a five-year migration ratio,

respectively, for each grade for each year through 2012. Applied Data Services (ADS) in their report of December 17, 2007, using the "middle bound" suggested,

> "During the period from 2007 through 2013/14, the total grade K-12 enrollments are projected to increase steadily from 9,593 students to 10,035 students and begin to gradually decline to 9,845 students in 2017. For the same period, every elementary school shows a slight reduction in total enrollment. The K-5 enrollment peaks in 2008/09 to 4,877 students (not including ECC). The K-5 enrollment does not reach this level again through 2017/18 and steadily declines. This can be attributed to the big decline in births from 757 in 2003 to 638 in 2004, resulting in 125 fewer students in 2009/10.
>
> The birth to kindergarten survival ratio of 1.03 indicates more kindergarten students have enrolled into the system than children born five years earlier. It would be safe to identify in-migration of younger families into the Fairfield School District as the cause as opposed to private and parochial and/or early childhood centers closing. This in-migration, which is also reflected in grades 1-5 projections, can be attributed to turnover of existing homes rather than new housing. This in-migration resulted in an actual kindergarten enrollment of 736 students, an additional 51 more students than were projected in the 2006/07 report."

These numbers substantiate the need for the Fairfield Board of Education to plan for the expansion of the school district's infrastructure. Since the year 2000, the Fairfield Public Schools have completed a major capital investment ($200M) with the construction of two new elementary schools[1] and one new middle school, and the renovation of two high schools and one middle school. The District has also relied on a maintenance plan and temporary portable classrooms to supplement school facilities.

Consequently, as detailed in the Committee's findings, the enrollment and lacking capacity at our schools stress facilities. This stress necessitates assessing all of our facilities for the possible upgrades/modifications in library media centers, communications, audio/visual and media capabilities, technology, science labs, and other general core facilities such as lavatories, all purpose rooms, cafeterias and kitchens. (Please refer to specific list on page 12 of this document.)

Based upon projections and existing facility constraints and in conjunction with administrators, the Committee collectively explored options that allow for a timely, functional and effective transition and the elimination of temporary portable classrooms to whatever approach the Fairfield Board of Education and community deem appropriate.

[1] It should be noted that the two new elementary schools added only an 11th elementary school to the district as the other new building replaced the old McKinley School that was demolished in 2002.

III. Committee Proposals

In submitting the recommendations to the Fairfield Board of Education, the Facilities, Technology and Long Term-Planning Standing Committee outlines and strongly proposes the following actions:

- The need to provide appropriate district information to facilitate the funding process;

- To continue to conduct school space meetings in public to foster community involvement and enhance public confidence in the facility plan;

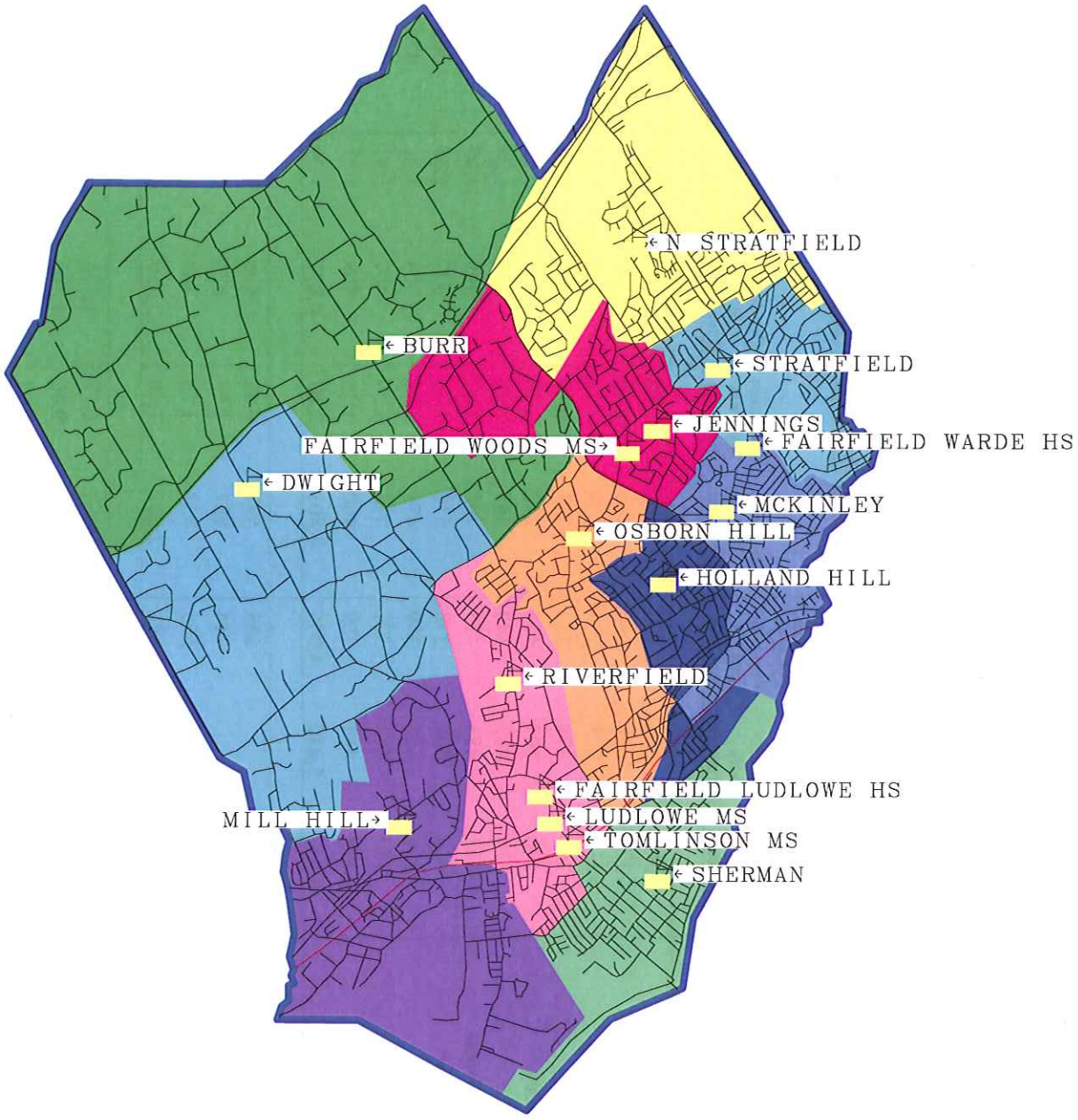
- The administration report to the Board of Education by November 1 and June 1 of each year on the status of the school facilities, including conditions, improvements, and enrollment/capacity issues; and

- The consideration of redistricting when the Board of Education deems appropriate.

The following are the details and expanded results of these studies and the work of the Committee and administration over the past months.

FAIRFIELD PUBLIC SCHOOLS ATTENDANCE BOUNDARIES

The elementary attendance boundaries of the district, effective March 30, 2004, are outlined. The location of the 16 schools within the district is also shown on this map. Students from Burr, North Stratfield, and Jennings feed to Fairfield Woods Middle School and Fairfield Warde High School. Students from Stratfield and McKinley feed to Roger Ludlowe Middle School and Fairfield Warde High School. Students from Osborn Hill and Riverfield feed to Roger Ludlowe Middle School and Fairfield Ludlowe High School. Students from Dwight, Holland Hill, Mill Hill and Sherman feed to Tomlinson Middle School and Fairfield Ludlowe High School.



BUILDING USE AND CAPACITY REPORT (June 24, 2008)

In order to better facilitate an understanding of any enrollment analysis and forecast, this report provides an explanation and updated assessment of the present utilization of permanent school facilities within the district. All instructional spaces were reviewed and the number of students that can be accommodated in each school is indicated. There has been a general acceptance that optimal space utilization for public schools is 90% at the elementary level and 85% at the middle and high school levels. At each of these utilization levels, core facilities are kept in tact for their original purpose and teachers have dedicated classrooms for extra help and collaboration.

Rated Capacity Verses Functional Use Capacity

School	Capacity without Portables	Capacity with Portables	Ideal 90% 85% 85% Based on Capacity without Portables	October 1, 2007 Enrollment	Utilization Rate w/o Portables	October 1, 2008 Enrollment	Utilization Rate w/o Portables	October 1, 2010 Enrollment	Utilization Rate w/o Portables	October 1, 2016 Enrollment	Utilization Rate w/o Portables	Space to Meet 90/85/85 Rule
Burr	504	504	454	445	0.88	440	0.87	391	0.78	375	0.74	
Dwight	378	378	340	340	0.90	343	0.91	327	0.87	320	0.85	
Holland Hill	315	378	284	358	1.14	356	1.13	346	1.10	330	1.05	Add
Jennings	357	378	321	353	0.99	357	1.00	350	0.98	330	0.92	
McKinley	504	504	454	442	0.88	433	0.86	420	0.83	402	0.80	
Mill Hill	378	483	340	465	1.23	473	1.25	466	1.23	440	1.16	Add
No. Stratfield	483	483	435	495	1.02	509	1.05	494	1.02	460	0.95	
Osborn Hill*	420	504	378	519	1.24	527	1.25	503	1.20	471	1.12	Add
Riverfield	399	483	359	473	1.19	483	1.21	474	1.19	441	1.11	Add
Sherman*	357	462	321	453	1.27	467	1.31	443	1.24	429	1.20	Add
Stratfield	399	483	359	460	1.15	489	1.23	452	1.13	429	1.08	Add
Total	4,494	5,040	4,045	4,803	1.07	4,877	1.09	4,666	1.04	4,427	0.99	4,919
FWMS	650		553	597	0.92	606	0.93	673	1.04	612	0.94	
RLMS	875		744	887	1.01	884	1.01	956	1.09	910	1.04	
TMS	700		595	737	1.05	760	1.09	827	1.18	792	1.13	
Total	2,225		1,891	2,221	1.00	2,250	1.01	2,456	1.10	2,314	1.04	2,722
FLHS	1,400		1,190	1,362	0.97	1,376	0.98	1,457	1.04	1,703	1.22	
FWHS	1,400		1,190	1,207	0.86	1,249	0.89	1,292	0.92	1,481	1.06	
Total	2,800		2,380	2,569	0.92	2,625	0.94	2,749	0.98	3,184	1.14	3,746

Ideal Utilization is 90% of capacity at the elementary level and 85% of capacity at the secondary level.

* Funding has been approved for steel modular construction at Sherman and Osborn Hill Elementary Schools.

ENROLLMENT PROJECTIONS

Development of 10-year student projections (K-12) took into consideration existing elementary attendance, regional birthrates, new housing and construction projections and past and future enrollment projection techniques.

The purpose of this report is to gather, validate and present figures for enrollment projections for the Fairfield Public School District for the next five years and, if possible, for the next ten years.

Every year the District makes enrollment projections. Past projections have been examined and compared to actual enrollments as follows:

Accuracy of Enrollment Projections – Fairfield Public Schools
October 1 Enrollments

	Projected	Actual	Deviation	% of Deviation	% of Accuracy
1996-97	7,318	7,379	61	0.83%	100.83%
1997-98	7,617	7,471	(146)	-1.92%	98.08%
1998-99	7,621	7,597	(24)	-0.31%	99.69%
1999-00	7,838	7,787	(51)	-0.65%	99.35%
2000-01	8,099	8,042	(57)	-0.70%	99.30%
2001-02	8,350	8,284	(66)	-0.79%	99.21%
2002-03	8,504	8,480	(24)	-0.28%	99.72%
2003-04	8,746	8,723	(23)	-0.26%	99.74%
2004-05	8,863	8,957	94	1.06%	101.06%
2005-06	9,209	9,195	(14)	-0.15%	99.85%
2006-07	9,319	9,424	105	1.13%	101.13%
2007-08	9,519	9,709	190	2.00%	102.00%

The middle bound projections, using the three-year survival ratios as described earlier and prepared by Applied Data Services, are as follows:

DISTRICT-WIDE ENROLLMENT PROJECTIONS BY GRADE AND YEAR (3-YEAR SURVIVAL RATIO) December 17, 2007

GRADE	YEARS 2008-2012					
	07-08	08-09	09-10	10-11	11-12	12-13
ECC	54	60	50	55	55	54
KINDERGARTEN	736	780	658	720	720	700
FIRST	848	761	803	679	743	743
SECOND	810	840	756	796	677	737
THIRD	822	821	851	767	807	688
FOURTH	839	836	836	868	781	822
FIFTH	748	839	836	836	868	781
SUB TOTAL K-5	**4803**	**4877**	**4740**	**4666**	**4596**	**4471**
SIXTH	775	759	850	847	847	879
SEVENTH	709	778	759	850	847	847
EIGHTH	737	713	782	759	853	849
SUB TOTAL 6-8	**2221**	**2250**	**2391**	**2456**	**2547**	**2575**
NINTH	659	726	703	771	747	841
TENTH	687	635	699	678	743	719
ELEVENTH	600	676	625	688	667	731
TWELFTH	623	588	662	612	673	653
SUB TOTAL 9-12	**2569**	**2625**	**2689**	**2749**	**2830**	**2944**
TOTAL K-12	**9593**	**9752**	**9820**	**9871**	**9973**	**9990**
PAL/CO-OP	42	43	45	47	49	52
TOTAL	**9689**	**9855**	**9915**	**9973**	**10077**	**10096**

GRADE	YEARS 2013- 2017				
	13-14	14-15	15-16	16-17	17-18
ECC	55	55	55	55	55
KINDERGARTEN	714	713	708	713	712
FIRST	722	736	735	730	735
SECOND	741	720	734	733	728
THIRD	748	752	731	745	744
FOURTH	699	760	764	742	756
FIFTH	822	699	760	764	742
SUB TOTAL K-5	**4446**	**4380**	**4432**	**4427**	**4417**
SIXTH	792	833	710	771	775
SEVENTH	879	792	833	710	771
EIGHTH	849	881	792	833	710
SUB TOTAL 6-8	**2520**	**2506**	**2335**	**2314**	**2256**
NINTH	836	836	867	780	821
TENTH	810	805	806	835	753
ELEVENTH	708	797	792	793	822
TWELFTH	715	693	780	776	776
SUB TOTAL 9-12	**3069**	**3131**	**3245**	**3184**	**3172**
TOTAL K-12	**10035**	**10017**	**10012**	**9925**	**9845**
PAL/CO-OP	54	55	57	56	56
TOTAL	**10144**	**10127**	**10124**	**10036**	**9956**

Notes: **TOTAL** includes Grades K-12, ECC and PAL/CO-OP.
ECC projections use the same percent of increase/decrease as kindergarten.
PAL/CO-OP projections use the same percent of increase/decrease as grades 9-12.
Special Education students are reflected in individual grades and school totals.
Enrollment does not include 20 Pre-K students at McKinley.

The "upper bound" projections are approximately 7% greater than the projections using the "three year survival ratio."

FACILITY EVALUATION

An assessment that considered the current use and condition of the facilities throughout the Fairfield Public Schools (including regular and special area classrooms, technology centers, grounds, parking, libraries/media centers, athletic fields, gymnasiums, etc.) was conducted. The Committee assessed the condition of facilities at each of the individual schools and their related sites within the Fairfield Public Schools based on information provided by Director of Operations Tom Cullen, faculty and parents. The sub-committee reviewed all instructional spaces and those not used for instruction. In addition, principals were asked to participate in the review of the facilities in order to provide perspective and insight with regard to programs and the use of assigned spaces.

Elementary Schools

Stratfield Elementary School

(Oldest School in the District)

Full renovation and addition (A building committee has been established)

Design and install new six classroom addition and much needed renovation to existing school building
Eliminate the four portable classrooms, past their life expectancy
Investigate library media center size and capacity with computers
Investigate gymnasium and cafeteria size with enrollment
Investigate all building code, life safety code and fire code reach in requirements for upgrading existing building
Design and install new HVAC fresh air and air-conditioning system
Design and install new fire sprinkler system

Parking issues

Expand parking lots for future staff, visitors and growing enrollment; parent entrance drop off interferes with buses
Investigate property next door owned by the Town

Building storage issues

Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials

Kitchen storage issues

Expand kitchen for extra storage, refrigerators and freezers

Security systems and safety issues

Provide new, increased security and safety measures

Roof replacement and solar photovoltaic system

Future utilities to consider; find energy efficient ways to move forward

Sherman Elementary School

Steel fabricated modular building (A building committee has been established)

Design and install a new modular six classroom addition (Currently funded)
Eliminate the five portable classrooms, past their life expectancy
Investigate library media center size and capacity with computers
Investigate the infill of the courtyard to add space to core building

Investigate all building code, life safety code and fire code reach in requirements for upgrading existing building
Design and install new HVAC fresh air and air-conditioning system
Design and install new fire sprinkler system

Parking issues
Expand parking lots for future staff, visitors and growing enrollment
Extend sidewalk along front entrance loop for improved safety

Building storage issues
Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials

Kitchen storage issues
Expand kitchen for extra storage, refrigerators and freezers

Security systems and safety issues
Provide new, increased security and safety measures

Roof replacement and solar photovoltaic system
Future utilities to consider; find energy efficient ways to move forward

Osborn Hill Elementary School

Steel fabricated modular building (A building committee has been established)
Design and install a new modular five classroom addition (Currently funded)
Eliminate the four portable classrooms, demolish one, relocate two to Riverfield School and relocate one to Transportation Department
Design and install a new connector corridor with storage spaces and egress requirements and investigate core facilities
Investigate all building code, life safety code and fire code reach in requirements for upgrading existing building
Investigate the gymnasium size for the school enrollment
Design and install new HVAC fresh air and air-conditioning system

Parking issues
Expand parking lots for future staff, visitors and growing enrollment
Extend sidewalk along front entrance loop for improved safety

Kitchen storage issues
Expand kitchen for extra storage, refrigerators, and freezers

Building storage issues
Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials

Security systems and safety issues
Provide new, increased security and safety measures

Roof replacement and solar photovoltaic system
Future utilities to consider; find energy efficient ways to move forward

Riverfield Elementary School

Renovation and addition to building to eliminate the five portable classrooms
Design and install an addition to expand school by six classrooms
Investigate all building code, life safety code and fire code reach in requirements for upgrading existing building

Investigate gymnasium size for the school enrollment
Investigate cafeteria size and capacity
Investigate library media center size and capacity with computers
Investigate core facilities
Design and install new fire sprinkler system
Design and install new HVAC fresh air and air-conditioning system

Parking Issues

Expand parking lots for future staff, visitors and growing enrollment
Extend sidewalk along front entrance loop for improved safety

Kitchen storage issues

Expand kitchen for extra storage, refrigerators and freezers

Building storage issues

Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials

Security systems and safety issues

Provide new, increased security and safety measures

Roof replacement and solar photovoltaic system

Future utilities to consider; find energy efficient ways to move forward

Mill Hill Elementary School

Addition to building to eliminate the five portable classrooms

Design and install an addition to expand school by six classrooms
Investigate library media center size and capacity with computers
Investigate cafeteria size and capacity; it is the smallest in the District
Investigate core facilities
Investigate all building code, life safety code and fire code reach in requirements for upgrading existing building
Design and install new HVAC fresh air and air-conditioning system
Investigate dual fuel capability

Kitchen storage issues

Expand kitchen for extra storage, refrigerators and freezers

Building storage issues

Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials

Parking issues

Expand parking lots for future staff, visitors and growing enrollment
Extend sidewalk along front entrance loop for improved safety

Security systems and safety issues

Provide new increased security and safety measures

Roof replacement and solar photovoltaic system

Future utilities to consider; find energy efficient ways to move forward

Holland Hill Elementary School

Addition to building to eliminate three portable classrooms

Design and install an addition to expand school by four classrooms
Investigate library media center size and capacity with computers

Investigate cafeteria size and capacity
Investigate all building code, life safety code and fire code reach in requirements for upgrading existing building
Investigate core facilities
Design and install new fire sprinkler system
Design and install new HVAC fresh air and air-conditioning system

Kitchen storage issues

Expand kitchen for extra storage, refrigerators and freezers

Building storage issues

Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials

Parking issues

Expand parking lots for future staff, visitors and growing enrollment
Extend sidewalk along front entrance loop for improved safety

Security systems and safety issues

Provide new, increased security and safety measures

Roof replacement and solar photovoltaic system

Future utilities to consider; find energy efficient ways to move forward

Dwight Elementary School

Full renovation and upgrades, including ADA

Provide an ADA study to upgrade the building and the site
Include space for a new elevator
Connect the two building wings together with a closed-in connector corridor for student and staff safety
Design and install new fire sprinkler system
Design and install new HVAC fresh air and air-conditioning system

Good site for expansion of classrooms and LMC

Expand the library media center; it is the smallest in the District
Investigate the size of the gymnasium; it is the smallest in the District
Investigate cafeteria size and capacity
Investigate core facilities
Expand space and renovate to add classrooms and storage needs

Security systems and safety issues

Provide new, increased security and safety measures

Parking issues

Expand parking lots for future staff, visitors and growing enrollment
Extend sidewalk along front entrance loop for improved safety
Relocate high electrical wires and telephone poles for bus and truck traffic

Kitchen storage issues

Expand kitchen for extra storage, refrigerators and freezers

Building storage issues

Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials

Septic system upgrade/replacement

Design new septic system for replacement of existing system

Roof replacement and solar photovoltaic system
Future utilities to consider; find energy efficient ways to move forward

Jennings Elementary School
Full renovation and upgrade of building
Eliminate the one portable as it relates to the existing building needs
Cosmetic upgrades throughout
Investigate library media center size with computers
Investigate cafeteria size and capacity
Investigate the size of the gymnasium
Design and install new fire sprinkler system
Design and install new HVAC fresh air and air-conditioning system
Kitchen storage issues
Expand kitchen for extra storage, refrigerators and freezers
Building storage issues
Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials
Parking issues
Expand parking lots for future staff, visitors and growing enrollment
Extend sidewalk along front entrance loop for improved safety
Security systems and safety issues
Provide new, increased security and safety measures
Roof replacement and solar photovoltaic system
Future utilities to consider; find energy efficient ways to move forward
Possible future addition and core facility upgrade to address increase in enrollment

North Stratfield Elementary School
Kitchen storage issues
Expand kitchen for extra storage, refrigerators and freezers
Parking issues
Expand parking lots for future staff, visitors and growing enrollment
Extend sidewalk along front entrance loop for improved safety
Building storage issues
Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials
Security systems and safety issues
Provide new, increased security and safety measures
Roof replacement and solar photovoltaic system
Future utilities to consider; find energy efficient ways to move forward
Possible future addition and core facility upgrade to address increase in enrollment

McKinley Elementary School
Parking issues
Expand parking lots for future staff, visitors and growing enrollment
Extend sidewalk along front entrance loop for improved safety

Cultural diversity program fix and future program
Continue to monitor and implement state reported plan
Security systems and safety issues
Provide new, increased security and safety measures
Solar photovoltaic system installation
Future utilities to consider; find energy efficient ways to move forward

Burr Elementary School
Parking issues
Expand parking lots for future staff, visitors and growing enrollment
Extend sidewalk along front parking lot for improved safety
Kitchen storage issues
Expand kitchen for extra storage, refrigerators and freezers
Relocate custodial slop sink in kitchen manager's office
Building storage issues
Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials
Boiler room upgrades, fixes, and repairs
Design and implement upgrades to boilers to access tubes and coils
Building HVAC control system upgrades
Design and install added controls for HVAC to better operating functions
Security systems and safety issues
Provide new, increased security and safety measures
Solar photovoltaic system installation
Future utilities to consider; find energy efficient ways to move forward

Middle Schools:

Fairfield Woods Middle School
Renovation and addition to building
Design and install an addition to expand school by twelve classrooms to deal with increased enrollment affecting TMS and RLMS
Consider a comprehensive redistricting plan to deal with overcrowding at TMS and RLMS after an addition is completed on FWMS
Investigate all building code, life safety code and fire code reach in requirements for upgrading existing building
Investigate the need for increased lockers to accommodate increased enrollment
Investigate cafeteria and ability to accommodate increased enrollment
Investigate core facilities to accommodate increased enrollment
Increased Special Ed classrooms required
Design and install new HVAC fresh air and air-conditioning system to add to existing system to cover entire school
New auditorium at this school for student assembly
Dual fuel capability at both boiler rooms as well as boiler room upgrades

Building storage issues

Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials

Parking issues

Expand parking lots for future staff, visitors, and growing enrollment; parent entrance drop off interferes with buses.

Kitchen storage issues

Expand kitchen for extra storage, refrigerators and freezers

Security systems and safety issues

Provide new, increased security and safety measures

Roof replacement and solar photovoltaic system

Future utilities to consider; find energy efficient ways to move forward

Tomlinson Middle School

Renovations

Evaluate the need for more lockers to accommodate increased enrollment
Evaluate cafeteria to determine if it accommodates increased enrollment
Investigate the need for five to six more classroom spaces for increased enrollment
Investigate core facilities to accommodate increased enrollment
Special education program and learning centers program studied for space needs
Auditorium not large enough for a full school assembly
Design and install new HVAC fresh air and air-conditioning system to add to existing system to cover entire school

Parking issues

Expand parking lots for future staff, visitors and growing enrollment; parent entrance drop off interferes with buses

Kitchen storage issues

Expand kitchen for extra storage, refrigerators and freezers

Building storage issues

Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials

Security systems and safety issues

Provide new, increased security and safety measures

Roof replacement and solar photovoltaic system

Future utilities to consider; find energy efficient ways to move forward

Roger Ludlowe Middle School

Renovations

Investigate the need for more lockers to accommodate increased enrollment
Investigate cafeteria size and ability to accommodate increased enrollment
Investigate the need for five to six more classroom spaces for increased enrollment
Assess UA space and impact of increased enrollment

Building storage issues

Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials

Parking issues
Expand parking lots for future staff, visitors and growing enrollment
Kitchen storage issues
Expand kitchen for extra storage, refrigerators and freezers
Security systems and safety issues
Provide new, increased security and safety measures
Solar photovoltaic system
Future utilities to consider; find energy efficient ways to move forward

High Schools

Fairfield Ludlowe

Renovations
Investigate the need for more lockers to accommodate increased enrollment
Investigate cafeteria size and ability to accommodate increased enrollment
Investigate the need for five to six more classroom spaces for increased enrollment
Design and install new HVAC fresh air and air-conditioning system to add to existing system to cover entire school
Building storage issues
Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials
Kitchen storage issues
Expand kitchen for extra storage, refrigerators and freezers
Security systems and safety issues
Provide new, increased security and safety measures
Roof replacement and solar photovoltaic system
Future utilities to consider; find energy efficient ways to move forward

Fairfield Warde

Renovations
Investigate the need for more student lockers to accommodate increased enrollment
Investigate cafeteria and ability to accommodate increased enrollment
Investigate the need for five to six more classroom spaces for increased enrollment
Design and install new HVAC fresh air and air-conditioning system to add to existing system to cover entire school
Building storage issues
Find and/or build storage rooms for custodial and maintenance needs
Find and/or build storage rooms for staff and school materials
Kitchen storage issues
Expand kitchen for extra storage, refrigerators and freezers
Security systems and safety issues
Provide new, increased security and safety measures
Roof replacement and solar photovoltaic system
Future utilities to consider; find energy efficient ways to move forward

CO-OP

Currently this department is located in leased space at First Presbyterian Church and is proposed to be relocated with the PAL Program to new leased space at St. Emery's School.

PAL

Currently this department is located in portable classrooms at 100 Mona Terrace and is proposed to be relocated with the CO-OP Program to new leased space at St. Emery's School.

In the following pages are year-by-year timelines and cost estimates for the construction and renovation projects detailed in this long-range plan.

We are presenting two separate timelines. The difference lies in the scope of work to be done on our elementary schools. The first timeline lists year-by-year costs for renovations and additions to increase student capacity at some of our eleven elementary schools, as well as renovations for our three middle schools and two high schools. The second timeline lists year-by-year costs for renovations only (without additions) at our eleven elementary schools, as well as construction of a new 12th elementary school. Timelines and cost figures for work at our middle and high schools are the same in both versions.

The timeline and cost estimates for a twelfth elementary school are included for informational and comparison purposes only, because as of June 24, 2008, the Fairfield Board of Education cannot endorse a twelfth elementary school. The urgent need for school space, the significantly higher cost of building and operating a 12th elementary school, and the uncertainties of the funding process as well as locating and constructing a new school make it far too risky to choose over classroom additions to our existing schools.

The costs in each timeline are divided into three budgetary categories. The first two, "Operating Budget" and "Non-Recurring Capital Budget" are appropriation requests made in the course of our annual January-to-May budget cycle. The third category, "Capital Building Project Request" is a separate funding process that may take place at any time of the year.

Lastly, all middle school and high school projects are the same in both timelines, with respect to cost and year of appropriation.

Time Line and Cost Estimate for Projects Associated with Long Term Plan: 2008/2009

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
St. Emery's School renovation for Alternative High School		$ 75,000	
St. Emery's Lease 2008 3-year agreement ($40,000 $45,000 $50,000)	$ 40,000		
Sherman School new acoustical ceiling and lights		$ 250,000	
Dwight School new windows	$ 125,000 *	$ 350,000 *	
Riverfield School new bathrooms	$ 250,000		
Stratfield School new addition and building renovations			$ 15,000,000 *
Continue Preventative Maintenance Programs	$ 500,000		
Sherman School new steel fabricated modular building			$ 1,850,000 *
Central Office Administration lease and agreement	$ 69,078.24		
Osborn Hill School new steel fabricated modular building			$ 1,645,000 *
Osborn Hill School new kitchen storage room expansion		$ 143,250	
FLHS replace one 1962 boiler		$ 150,000	
Maintenance Dept. lease expires 2009 Plan for another 3-year lease ($70,000, $75,000, $80,000)	$ 70,000		
2008/2009 TOTAL	**$ 1,054,078**	**$ 968,250**	**$ 18,495,000**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 22,500	$ 63,000	$ 3,941,500
2008/2009 Net Total	$ 1,076,578	$ 905,250	$ 14,553,500

2009/2010

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
St. Emery's lease for Alternative High School	$ 45,000		
Riverfield School new six classroom addition and renovations			$ 4,280,000 *
Continue Preventative Maintenance Programs	$ 500,000		
Osborn Hill School new connector addition and core upgrades			$ 1,650,000 *
Sherman School new core upgrades			$ 1,925,000 *
Central Office Administration lease and agreement	$ 73,246.74		
Dwight School new bathrooms	$ 250,000		
FWMS new twelve classroom addition and renovations new auditorium			$ 8,500,000 *
TMS new balcony expansion to increase auditorium capacity		$ 100,000 *	
FLHS new windows	$ 250,000 *	$ 900,000 *	
FWMS replace two 1954 boilers		$ 250,000	
Riverfield School new acoustical ceiling and lights		$ 250,000	
Maintenance Dept. lease and agreement	$ 75,000		
Solar photovoltaic systems onto newest school roofs (McKinley, RLMS, Burr, Jennings)			$ 11,718,000 *
2009/2010 TOTAL	**$ 1,193,247**	**$ 1,500,000**	**$ 28,073,000**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 45,000	$ 180,000	$ 6,934,550
2009/2010 Net Total	$ 1,238,247	$ 1,320,000	$ 21,138,450

2010/2011

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
St. Emery's School renovation for Alternative High School lease	$ 50,000		
Central Office Administration lease and agreement	$ 76,909.08		
Holland Hill School new four classroom addition and renovations			$ 3,650,000 *
FLHS new windows	$ 250,000 *	$ 900,000 *	
Jennings School new bathrooms	$ 250,000		
Osborn Hill School new acoustical ceiling and lights		$ 250,000	
Continue Preventative Maintenance Programs	$ 500,000		
Osborn Hill School replace two 1957 boilers		$ 250,000	
Riverfield School new core upgrades			$ 1,370,000 *
Maintenance Dept. lease and agreement	$ 80,000		
Major roof replacements with solar photovoltaic systems. (Riverfield, Stratfield, Dwight, Osborn Hill)			$ 11,718,000 *
2010/2011 TOTAL	**$ 1, 206,909**	**$ 1,400,000**	**$ 16,738,000**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 45,000	$ 180,000	$ 4,554,200
2010/2011 Net Total	$ 1,251,909	$ 1,220,000	$ 12,183,500

2011/2012

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
St. Emery's School purchase for Alternative High School			To be determined
Mill Hill School new addition and renovations			$ 3,650,000 *
Dwight School new addition with ADA upgrades			$ 2,500,000 *
FWHS new windows	$ 250,000 *	$ 1,000,000 *	
Holland Hill School new core upgrades			$ 1,700,000 *
Mill Hill School new bathrooms	$ 250,000		
Central Office Administration lease and agreement 10th and final year	$ 80,754.54		
FWMS new acoustical ceiling and lights (Partial)		$ 250,000	
Continue Preventative Maintenance Programs	$ 500,000		
FWMS replace two 1959 boilers		$ 300,000	
Maintenance Dept. lease expires 2010 Plan for another 3-year lease ($85,000, $90,000, $95,000)	$ 85,000		
Major roof replacements with solar photovoltaic systems. (FLHS, TMS, FWHS)			$ 11,718,000 *
2011/2012 TOTAL	**$ 1,165,755**	**$ 1,550,000**	**$ 19,568,000**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 45,000	$ 180,000	$ 5,148,500
2010/2011 Net Total	$ 1,210,755	$ 1,370,000	$ 14,419,500

2012/2013

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
Jennings School renovation and upgrades			$ 2,450,000 *
TMS and RLMS upgrades for enrollment increase	$ 250,000		
Mill Hill School new core upgrades			$ 2,225,000 *
FWHS new windows	$ 250,000 *	$ 1,000,000 *	
Osborn Hill School new bathrooms	$ 250,000		
Dwight School new core upgrades			$ 1,325,000 *
New Central Office Administration lease and agreement (plan on another long term contract)	To be determined		
Mill Hill School new acoustical ceiling and lights		$ 250,000	
Continue Preventative Maintenance Programs	$ 500,000		
Dwight School replace two 1962 boilers		$ 300,000	
Maintenance Dept. lease and agreement	$ 90,000		
Major roof replacements with solar photovoltaic systems. (Holland Hill, Mill Hill, Sherman, FWHS)			$ 11,718,000 *
2012/2013 TOTAL	**$ 1,340,000**	**$ 1,550,000**	**$ 17,718,000**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 45,000	$ 180,000	$ 4,760,000
2010/2011 Net Total	$ 1,295,000	$ 1,370,000	$ 12,958,000

2013/2014

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
FWHS and FLHS upgrades for enrollment increase	$ 250,000		
Mill Hill School new windows	$ 125,000 *	$ 350,000 *	
Jennings School new core upgrades			$ 915,000 *
New Central Office Administration lease and agreement (plan on another long term contract)	To be determined		
FWHS new bathrooms		$ 1,250,000	
Jennings School new acoustical ceiling and lights		$ 250,000	
Continue Preventative Maintenance Programs	$ 500,000		
North Stratfield School replace two 1964 boilers		$ 300,000	
Maintenance Dept. lease and agreement	$ 95,000		
Major roof replacements with solar photovoltaic systems. (FLHS, North Stratfield, FWHS)			$ 11,718,000 *
2013/2014 TOTAL	**$ 970,000**	**$ 2,150,000**	**$ 12,633,000**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 22,500	$ 63,000	$ 3,692,150
2010/2011 Net Total	$ 947,500	$ 2,087,000	$ 8,940,850

2014/2015

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
Maintenance Dept. lease expires 2013 Plan for another 3 year lease ($100,000, $105,000, $110,000)	$ 100,000		
Osborn Hill School new windows	$ 125,000 *	$ 400,000 *	
FLHS new bathrooms		$ 1,250,000	
Continue Preventative Maintenance Programs	$ 500,000		
North Stratfield School new acoustical ceiling and lights		$ 250,000	
New Central Office Administration lease and agreement (plan on another long term contract)	To be determined		
Jennings School replace two 1966 boilers		$ 300,000	
2014/2015 TOTAL	**$ 725,000**	**$ 2,200,000**	
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 22,500	$ 72,000	
2010/2011 Net Total	$ 702,500	$ 2,128,000	

Notes:
Estimates based on construction costs relative to 2007/08 budget year.

Central Office lease expires 2012 subject to negotiation with the landlord.

* Denotes some form of reimbursement as described below.

There is a substantial State Department of Education reimbursement associated with replacing roofs after there warranties run out which is the intent of this program. Total estimated reimbursement over a five year project will be approximately $ 2,400,000.

There are substantial State Department of Education reimbursements associated with the renovation and additions onto school buildings. These reimbursements were estimated at $ 12,906,400 and were included above.

There is a substantial Connecticut Incentive Rebate Program for the installation of solar photovoltaic systems on to school buildings. Total estimated reimbursement over a five year project will be approximately $ 14,890,000.

There are substantial cost savings guaranteed yearly on all utilities used at the school buildings related to the installation of solar photovoltaic systems. Total estimated savings yearly $ 1,190,000 guaranteed for 20 years. These utility savings are not figured into the projections above.

The previous timeline will be affected by changes in enrollment, ongoing budget considerations and consideration of a 12th elementary school timeline and the impact on short term space options, etc.

Twelfth Elementary School Option

A Twelfth Elementary School – While not addressing any required renovations and code updates at many of our other elementary schools, there are other advantages besides cost that should be considered.

For example:

- Creating a 12th school would not impact current school operations because it likely will be new construction at a site devoid of staff and students as opposed to an addition at a building occupied by staff and students.

- Any school construction renovation at an existing school unless done completely during the summer months, may affect the school environment.

- The cost of busing and the need for it may decrease with a 12th elementary school. This is consistent with the State's initiative to promote and expand safe routes to schools, which encourages walking and bicycling to school.

- A 12th elementary school is consistent with school planning in that most objective reports recommend the reuse of an existing facility and/or that new facility be located where the population exists.

- 90% capacity provides a safe school space for our existing students, room to accommodate others in the event of a facility problem, and room to allow for new educational initiatives. (90% capacity can also be achieved by adding on to other schools.)

- 9 of our 11 elementary schools are more than 50 years old. If enrollment declines, the swing space provided by a twelfth elementary school will allow major repairs/code updates to be performed in uninhabited schools.

Costs Related to Opening a Twelfth Elementary School:

New Elementary School	Building Cost	Land Cost	Additional An Staffing Cost	Additional Costs to Renovate Other Elementary Schools
504 Students	$ 26M-$ 30M	To be determined	$ 1,362,508	See Above
Reimbursement	27% of eligible costs			

Facility Funding Options

Operating Budget – submitted for items less than $250K as part of the BOE's budget request (No Bonding)

Non Recurring Capital Budget (as outlined in the First Selectman's policy dated June 30, 2006)- submitted for items of at least $50K and less than $1M as part of the BOE's budget request to be included in the Town's Non Recurring Capital Budget
(Bonded 3-5 years)

Capital Building Project Request - submitted for items more than $1M with a Building Committee established by the Town
(Bonded 10-20 years)

Time Line and Cost Estimate for Projects Associated with Long Term Plan with a 12 Elementary School:
2008/2009

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
St. Emery's School renovation for Alternative High School		$ 75,000	
St. Emery's Lease 2008 3-year agreement ($40,000 $45,000 $50,000)	$ 40,000		
Sherman School new acoustical ceiling and lights		$ 250,000	
Dwight School new windows	$ 125,000 *	$ 350,000 *	
Riverfield School new bathrooms	$ 250,000		
Central Office Administration lease and agreement	$ 69,078.24		
Stratfield School new addition and building renovations			$ 15,000,000 *
Continue Preventative Maintenance Programs	$ 500,000		
Sherman School new steel fabricated modular building			$ 1,850,000 *
Osborn Hill School new steel fabricated modular building			$ 1,645,000 *
Osborn Hill School new kitchen storage room expansion		$ 143,250	
FLHS replace one 1962 boiler		$ 150,000	
Maintenance Dept. lease expires 2009 Plan for another 3-year lease ($70,000, $75,000, $80,000)	$ 70,000		
2008/2009 TOTAL	**$ 1,054,078**	**$ 968,250**	**$ 18,495,000**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 22,500	$ 63,000	$ 3,941,500
2008/2009 Net Total	$ 1,076,578	$ 905,250	$ 14,553,500

2009/2010

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
New 12th Elementary School			$ 26,000,000 * Plus land cost - To be determined
St. Emery's lease for Alternative High School	$ 45,000		
Riverfield School interior renovations			$ 1,880,000 *
Continue Preventative Maintenance Programs	$ 500,000		
Osborn Hill School new connector addition and core upgrades			$ 1,650,000 *
Sherman School new core upgrades			$ 1,925,000 *
Central Office Administration lease and agreement	$ 73,246.74		
Dwight School new bathrooms	$ 250,000		
FWMS new addition and renovations new auditorium			$ 8,500,000 *
TMS new balcony expansion to increase auditorium capacity		$ 100,000 *	
FLHS new windows	$ 250,000 *	$ 900,000 *	
FWMS replace two 1954 boilers		$ 250,000	
Riverfield School new acoustical ceiling and lights		$ 250,000	
Maintenance Dept. lease and agreement	$ 75,000		
Solar photovoltaic systems onto newest school roofs (McKinley, RLMS, Burr, Jennings)			$ 11,718,000 *
2009/2010 TOTAL	**$ 1,193,247**	**$ 1,500,000**	**$ 51,673,000**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 45,000	$ 180,000	$ 11,890,550
2009/2010 Net Total	$ 1,238,247	$ 1,320,000	$ 38,782,450

2010/2011

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
St. Emery's School renovation for Alternative High School lease	$ 50,000		
Central Office Admin. lease and agreement	$ 76,909.08		
Holland Hill School Interior renovations			$ 1,650,000 *
FLHS new windows	$ 250,000 *	$ 900,000 *	
Jennings School new bathrooms	$ 250,000		
Osborn Hill School new acoustical ceiling and lights		$ 250,000	
Continue Preventative Maintenance Programs	$ 500,000		
Osborn Hill School replace two 1957 boilers		$ 250,000	
Maintenance Dept. lease and agreement	$ 80,000		
Major roof replacements with solar photovoltaic systems. (Riverfield, Stratfield, Dwight, Osborn Hill)			$ 11,718,000 *
2010/2011 TOTAL	**$ 1, 206,909**	**$ 1,400,000**	**$ 13,368,000**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 45,000	$ 180,000	$ 3,846,500
2010/2011 Net Total	$ 1,251,909	$ 1,220,000	$ 9,521,500

2011/2012

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
St. Emery's School purchase for Alternative High School			To be determined
Mill Hill School renovations			$ 1,450,000 *
Dwight School renovations with ADA upgrades			$ 1,700,000 *
FWHS new windows	$ 250,000 *	$ 1,000,000 *	
Mill Hill School new bathrooms	$ 250,000		
Central Office Admin. lease and agreement 10th and final year	$ 80,754.54		
FWMS new acoustical ceiling and lights (Partial)		$ 250,000	
Continue Preventative Maintenance Programs	$ 500,000		
FWMS replace two 1959 boilers		$ 300,000	
Maintenance Dept. lease expires 2010 Plan for another 3-year lease ($85,000, $90,000, $95,000)	$ 85,000		
Major roof replacements with solar photovoltaic systems. (FLHS, TMS, FWHS)			$ 11,718,000 *
2011/2012 TOTAL	**$ 1,165,755**	**$ 1,550,000**	**$ 14,868,000**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 45,000	$ 180,000	$ 4,161,500
2010/2011 Net Total	$ 1,210,7455	$ 1,370,000	$ 10,706,500

2012/2013

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
Jennings School renovation and upgrades			$ 2,450,000 *
TMS and RLMS upgrades for enrollment increase	$ 250,000		
FWHS new windows	$ 250,000 *	$ 1,000,000 *	
Osborn Hill School new bathrooms	$ 250,000		
New Central Office Administration lease and agreement (plan on another long term contract)	To be determined		
Mill Hill School new acoustical ceiling and lights		$ 250,000	
Continue Preventative Maintenance Programs	$ 500,000		
Dwight School replace two 1962 boilers		$ 300,000	
Maintenance Dept. lease and agreement	$ 90,000		
Major roof replacements with solar photovoltaic systems. (Holland Hill, Mill Hill, Sherman, FWHS)			$ 11,718,000 *
2012/2013 TOTAL	**$ 1,340,000**	**$ 1,550,000**	**$ 16,972,500**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 45,000	$ 180,000	$ 4,014,500
2010/2011 Net Total	$ 1,295,000	$ 1,370,000	$ 12,958,000

2013/2014

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
FWHS and FLHS upgrades for enrollment increase	$ 250,000		
Mill Hill School new windows	$ 125,000 *	$ 350,000 *	
New Central Office Admin. lease and agreement (plan on another long term contract)	To be determined		
FWHS new bathrooms		$ 1,250,000	
Jennings School new acoustical ceiling and lights		$ 250,000	
Continue Preventative Maintenance Programs	$ 500,000		
North Stratfield School replace two 1964 boilers		$ 300,000	
Maintenance Dept. lease and agreement	$ 95,000		
Major roof replacements with solar photovoltaic systems. (North Stratfield, FWHS, FLHS)			$ 11,718,000 *
2013/2014 TOTAL	**$ 970,000**	**$ 2,150,000**	**$ 11,718,000**
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 22,500	$ 63,000	$ 3,499,650
2010/2011 Net Total	$ 947,500	$ 2,087,000	$ 8,218,350

2014/2015

Task	Operating Budget	Non Recurring Capital Budget	Capital Building Project Request
Maintenance Dept. lease expires 2013 Plan for another 3 year lease ($100,000, $105,000, $110,000)	$ 100,000		
Osborn Hill School new windows	$ 125,000 *	$ 400,000 *	
FLHS new bathrooms		$1,250,000	
Continue Preventative Maintenance Programs	$ 500,000		
North Stratfield School new acoustical ceiling and lights		$ 250,000	
New Central Office Administration lease and agreement (plan on another long term contract)	To be determined		
Jennings School replace two 1966 boilers		$ 300,000	
2014/2015 TOTAL	**$ 725,000**	**$ 2,200,000**	
SDE Reimbursements for School Projects and/or State of Connecticut Solar Power Incentives/Rebates	$ 22,500	$ 72,000	
2010/2011 Net Total	$ 702,500	$ 2,128,000	

Notes:
Estimates based on construction costs relative to 2007/08 budget year.

Central Office lease expires 2012 subject to negotiation with the landlord.

* Denotes some form of reimbursement as described below.

There is a substantial State Department of Education reimbursement associated with replacing roofs after there warranties run out which is the intent of this program. Total estimated reimbursement over a five year project will be approximately $ 2,400,000.

There are substantial State Department of Education reimbursements associated with construction of a new 12th elementary school as well as the renovation and additions onto existing school buildings. These reimbursements were estimated at $ 15,229,700 and were included above.

There is a substantial Connecticut Incentive Rebate Program for the installation of solar photovoltaic systems on to school buildings. Total estimated reimbursement over a five year project will be approximately $ 14,890,000.

There are substantial cost savings guaranteed yearly on all utilities used at the school buildings related to the installation of solar photovoltaic systems. Total estimated savings yearly $ 1,190,000 guaranteed for 20 years. These utility savings are not figured into the projections above.

BOE – Sub Committee

Facilities, Technology, and Long Term Planning

Elementary School Costs Break Out 2007/08

Additions to schools:	
Riverfield	$ 2,400,000
Dwight	800,000
Holland Hill	2,000,000
Mill Hill	2,200,000
Total	**$ 7,400,000**

Renovations to schools:	
Riverfield	$ 1,880,000
Dwight	1,700,000
Holland Hill	1,650,000
Mill Hill	1,450,000
Jennings	2,450,000
Total	**$ 9,130,000**

Core building upgrades to schools:	
Osborn Hill	$ 143,250
Osborn Hill	1,650,000
Sherman	1,925,000
Riverfield	1,370,000
Mill Hill	2,225,000
Holland Hill	1,700,000
Dwight	1,325,000
Jennings	915,000
Total	**$ 11,253,250**

Grand Total	**$ 27,783,250**

BOE – Sub Committee

Facilities, Technology, and Long Term Planning

Elementary School Costs Break Out With A 12th Elementary School 2007/08

12th Elementary School:

70,000 +/- square feet	
504 student capacity	
New educational specifications to be provided by the BOE	$ 26,000,000
Furniture, Fixtures and Equipment	1,499,263

Land acquisition for a 12th elementary school:

Approximately 10 acres recommended	
Suitable for educational purposes	
Location to be determined by The Town of Fairfield	To be determined
Total	**$ 27,499,263 +**

Core building upgrades to schools:

Osborn Hill		$ 143,250
Osborn Hill		1,650,000
Sherman		1,925,000
Total		**$ 3,718,250**

Renovations to schools:

Riverfield	Interior upgrades	$ 1,880,000
Dwight	"	1,700,000
Holland Hill	"	1,650,000
Mill Hill	"	1,450,000
Jennings	Interior upgrades	2,450,000
Total		**$ 9,130,000**
Grand Total		**$ 40,347,513+**

Note:

1. $ 40,347,513 does not include cost of land for educational purposes.
2. Requires Town wide large scale redistricting plan.

Annual costs associated with a 12th elementary school:

Staffing	$ 1,362,508
Transportation	130,000
Preventative Maintenance	250,000
Utilities	250,000
Total	**$ 1,992,508**

Appendix #1

Elementary School Space Utilization Task Force

Final Report and Recommendations

April 24, 2008

Town of Fairfield, Connecticut

Elementary School Space Utilization Task Force

FINAL REPORT AND RECOMMENDATIONS

April 24, 2008

I. Process

A. The Task Force met regularly over a period of three and one-half months to seek and compile information regarding elementary school space needs and to review the many possibilities and alternatives to resolving current school space issues. Documentation and analyses were furnished including school-by-school space utilization specifications, school-by-school current space usage, demographic reports and projections, summaries and analyses of costs estimated for various school space alternatives, state regulations regarding school and site requirements and defined needs for special education and resource programs by school. The Task Force toured a number of schools to gain a first-hand perspective on the school space situation. Formal tours were held at Jennings, Osborn Hill, Riverfield, and Sherman. Some individual members also visited a steel prefabricated modular fully integrated addition at Racebrook Elementary School in Orange, CT.

The Task Force wishes to thank Director of Operations Tom Cullen, Deputy Superintendent Jack Boyle, Director of Special Education Andrea Leonardi, and Director of Elementary Education Anna Cutaia-Leonard for providing certain analyses, commentary and access to information. The Task Force thanks Executive Assistant to the First Selectman Jennifer Carpenter for coordinating mailing notices and minutes. The Task Force thanks the many members of the public who attended our meetings, many of whom spoke to offer advice, opinions, and concerns.

B. The members of this Task Force are: Paul Cramer-RTM District 7, Susan Dow,-Board of Education, Paul Fattibene-RTM District 1, Kenneth Flatto-First Selectman (Co-chair), Brenda Kupchick-Board of Education, Mary LeClerc-Board of Finance, John Mitola-Board of Education (Co-chair), William Sapone-Town Facilities Commission, Deborah Zieff-Board of Finance, and Charlotte Leslie, non-voting Ex-officio PTA Council.

II. Criteria & Goals for Analyzing School Space Alternatives

In preparing our recommendations, the Task Force considered many ideas to improve elementary school space. To determine which alternatives to recommend, the following objective criteria are used to measure the merits of each idea and alternative. All plans and recommendations should:

A. Use educationally sound principles utilized by the school district to design appropriate school facilities;

B. Maintain and provide neighborhood elementary schools;

C. Provide the most fiscally responsible approach for implementing each recommendation;

D. Implement all recommendations with all reasonable speed;

E. Have a positive impact on both classroom and core spaces and, when possible, integrate plans into resolving existing building needs to not exceed design capacities;

F. Be the least disruptive to implement, requiring the least redistricting need;

G. Consider school space long-term solutions for up to 10 years and provide flexibility for accommodating future growth cycles;

H. Where possible, provide a fully integrated facility.

The Task Force has looked at each alternative and measured each recommendation and choice alongside these criteria to identify the optimum alternatives and to give objective support for our recommendations.

III. Summary Findings

A. The Elementary School Space Utilization Task Force determined and concluded that there is both a short-term and long-term issue regarding the need for additional elementary school space. The short-term is defined as the next few school years and the long-term period is defined as the next five (5) to ten (10) years. The Task Force concluded that such planning should be evaluated for at most a ten-year period. (It should be noted that various state agencies use 5-year and 8-year planning periods for various purposes.)

B. The Task Force had determined and concluded that there are too many portable classrooms at elementary schools and that this situation should be remedied as soon as possible through a phased and comprehensive reduction of all individual wooden portable classrooms. The Task Force recommends that no additional portable classrooms be purchased by the district in the future for school space needs.

C. The Task Force determined there are a number of elementary schools which are currently over capacity in enrollment of students. The Task Force found that there are a few elementary schools under capacity for the design number of students, however there are no easily achievable methods available to utilize such classroom seats. The Task Force found a lack of adequate space for elementary school special education needs, especially OT-PT space needs. The Task Force found there is a need for improved core facilities such as more storage and teacher resource areas, and improved bathrooms at some elementary schools. The Task Force agrees with BOE policy that all schools should have dedicated art and music rooms.

IV. Executive Summary – Recommended Plan for Action

The committee approves and concludes that the following specific plan recommendations hereby are furnished to all appropriate school and town boards for action:

A. Prefabricated Detached Annexes: The Task Force recommends that the school district and town provide a maximum of three steel prefabricated modular annex buildings at three elementary schools which include Osborn Hill and Sherman. The Task Force further recommends that town boards immediately approve the proposed plan for two such annexes at Osborn Hill and Sherman schools and that the BOE consider a third appropriate site for such an annex. Such detached annexes should have canopy or overhangs to protect children from the elements and be placed as close as possible to entry to the main building. The Task Force also recommends that such annexes, where feasible in the future, by reviewed for improvement in order to consider connecting such annexes to the main building.

B. Fully Integrated Addition: The Task Force endorses the Stratfield School building project as proposed. Further, the Task Force recommends that the school district and town plan for and provide another fully integrated addition to another existing elementary school, taking into consideration the core facilities. The Task force recommends that the town and BOE study and determine which elementary school is most appropriate for such an addition.

C. Voluntary Redistricting: The Task Force recommends that, when possible, voluntary redistricting be implemented to achieve and help school space needs at all elementary schools. The Task Force recommends that mandatory redistricting is not a feasible option to address current school space needs.

D. Interior Improvements: The Task Force recommends that the school district continue to seek any feasible ways to alter and improve interior elementary school space to help address school space facility needs, particularly special education and OT/PT needs.

E. Alternatives Not Recommended: The Task Force voted not recommending any new additional elementary school for the school district at this time.

In conclusion and summary, the Elementary School Space Utilization Task Force believes and recommends that the complementary, integrated plan described in summary above, incorporating recommendations A through D which provide for sufficient annexes and integrated additions, will achieve the goal of resolving elementary school space needs for the next five to ten years. A more complete detail analysis of the pros and cons of each alternative is furnished below.

V. Detailed Recommendations: School Space Alternatives Considered – Pros and Cons

The Task Force Voted to issue four Recommendations which form the Plan for solving Elementary School Space Needs:

A. Add a Maximum of Three (3) Prefabricated Steel Modular Annexes at Existing Elementary Schools, including those proposed for Osborn Hill and Sherman School sites. (Vote approved 6-3.) This option involves the replacement of portables at each such school with a five or six classroom annex, that is, a modular prefabricated construction classroom building assembled next to the existing school.

1. Cost – The overall cost to build three annexes, adding approximately seventeen new classrooms with lavatories, could total around $5.5 million, less reimbursement from the state. Operating costs, year to year, would be minimal and relate to communications and safety. Overhangs between each annex would be included to allow safe passage without direct impact from rain or snow.

2. Timing – Short term. Sherman and Osborn should be constructed during the summer for service by September, 2009. Another school, to be identified, could proceed by summer 2010.

3. Impact – Positive impact for classroom space for three schools. Annexes provide improved security, high quality learning space, and added restrooms to address core issues, while eliminating portable classroom requirements at three schools. Other space issues, such as conference rooms, special education, staff offices, etc. could be assisted but would also be addressed through recommendation D, i.e., Interior School Space Alterations.

4. Disruption – Minimal. Annexes would be installed over the summer. A future goal would be to connect such annexes to a building in the future and look at core facilities needs to support such capacity. This option should not exceed three facilities.

B. Plan At Least One Fully Integrated Addition Attached to an Existing School. (Vote approved 7-2.)

1. Cost - The addition itself would cost up to $2.5 million. The range of "reach in" costs for code compliance to any such facility is estimated by the school district at $1.5 million to $1.8 million. Total cost could be in a range of at least $4 million to $5 million. This alternative would receive reimbursement from the state. Operating/staffing costs year to year would be incremental. Other code upgrades should be considered by the school district and town simultaneous to such an addition.

2. Timing – This alternative would take about three years to complete. Modular construction of the addition could save time and money and may provide swing space while interior code work is being completed.

3. Impact – More significant as this would require opening up the school and required code upgrades. This could impact an occupied school. Planning next year

could lead to completion in 2011. The Task Force recommends the Town and school district identify which school to consider for this option, separate from Stratfield Elementary School which is already under way. Upon completion, the school district could gain six new classrooms. This type of addition should be designed to increase capacity with core improvements to satisfy the specific school population at such site.

4. Disruption – There will be disruption at the chosen school during the interior code updates and during phased construction which is preferred when school is unoccupied.

C. Voluntary Redistricting: (Vote approved 9-0.) The Task Force recommends Voluntary Redistricting at the earliest opportunity at schools where feasible. This alternative, which has been adopted as part of a short term plan by the BOE for 2008-09, would offer some parents the option to transfer children from overcrowded schools to less populated schools.

1. Cost – Minimal.

2. Timing – Can be put into place for next year.

3. Impact & Disruption – Effects would be minimal.

D. Interior School Space Alterations: The Task Force recommends that the ongoing BOE process of seeking small scale interior alterations to existing school space continue whenever such space is available.

1. Cost - The cost of removing walls or adding partitions should be fairly low.

2. Timing - Construction preferred during unoccupied school vacation.

3. Impact: - Adds a minimum of space at most.

4. Disruption: - Minimal.

In conclusion and summary, the Elementary School Space Utilization Task Force believes and recommends that the complementary, integrated plan described in summary above should achieve the goal of resolving elementary school space needs for the next five to ten years.

VI. Alternatives Reviewed but Not Recommended

A. The Task Force Does Not Recommend the Alternative of Mandatory Redistricting at the current time. (Vote failed 0-9.) Mandatory redistricting would be an attempt to reduce overcrowding by reassigning students to less crowded schools.

1. Cost – minimal – mostly transportation expenses.

2. Timing – can be put into place fairly soon.

3. Impact - significant impact upon families and school communities and not enough space is currently available.

4. Disruption - mixed opinion and opposition from some parents and children who want to stay at neighborhood schools they have attended. Issues of grandfathering and siblings and bus costs must be considered.

B. The Task Force Does Not Recommend the Alternative of a New Elementary School at a new site to be determined. (Vote failed 3-6.) This alternative would add an entirely new school on land at a location to be determined with space for up to 504 students.

1. Cost – The estimate for a new school is approximately $26 million for 504 students based upon 2008 costs. A new elementary school also could add approximately $2 million in annual budget costs to administer, operate and maintain.

2. Timing – Long term, with site selection, approvals, and funding requiring three to four years to implement to open any such school space.

3. Impact – Substantial. If this were pursued as an alternative, it could result in a moratorium on other additions or annexes and significant costs to the town. Such an alternative would significantly help school space issues if built properly.

4. Disruption – Significant. Town wide mandatory redistricting will be required to fill a new school and feeder schools might be impacted.

C. The Task Force Does Not Recommend the Alternative of Reopening Oldfield as an Elementary School. (Vote failed 4-5.)

1. Cost – The overall reconstruction cost to rebuild or reopen Oldfield School could be up to $18 million for a 315 student school or $26 million for a 504 student size school. In addition there is: a. the cost of flood-proofing; and b. the cost of relocating the senior center which could be significant. A new school adds up to $2 million to annual budget costs to administer, operate, and maintain such a building.

2. Timing – Construction on any such project could not begin before the senior center and other uses such as the town health department are relocated. It would take at least a few years before renovations or reconstruction could begin. A minimum time frame of five years is likely before a school could be operational.

3. Impact – Significant. Renovating the existing site appears to be impractical, given legal flood zone and FEMA issues. Architects have expressed concern of unknown site environmental issues that could arise in this area. Flood proofing the site will add additional cost and time to construction.

4. Disruption – Significant. A mandatory town wide redistricting would be required. There would be disruption to the senior citizen community which utilizes the current center. A new site would also have to be found for part of the town Health services department. The community could lose a private pre-school facility leasing the site.

Appendix #2

Long-Term Facilities Plan

February 13, 2007

Fairfield Public Schools

Board of Education

REPORT OF THE FACILITIES PLANNING COMMITTEE

John Mitola, Chairman
Dave Weber
Stacey Zahn

November 28, 2006

Fairfield Public Schools

Board of Education

The Committee's Charge

To review the School District's future facility needs based on enrollment and program in order to:

Maintain quality schools with flexible uses

2

Fairfield Public Schools

Board of Education

The Committee's Focus

- The Committee determined that most of the space issues in the School District directly relate to the Elementary Schools
  - ✓ Primarily due to recent construction or renovation of High Schools and Middle Schools

3

Fairfield Public Schools

Board of Education

The Committee's Work

- To update the *Fairfield Public Schools' Facilities Plan*, dated June 2002
  - ✓ New *Fairfield Public Schools' Facilities Plan* updated to December 2006 (Exhibit A)
- To study capacity, current and projected enrollment, utilization of space and possible renovations
  - ✓ Tours of Stratfield, Dwight, Sherman Elementary and Tomlinson Middle School

4

Fairfield Public Schools

Board of Education

The Committee's Work

- Summary of the Committee's General Findings regarding each of the Elementary Schools
- Recommendations
  - ✓ Based in part upon Latest Enrollment Projections by *Applied Data Services* (Exhibit B)

5

Fairfield Public Schools

Board of Education

The Committee's Recommendation 1

- Mini-Redistricting (2007 – 2008 School Year)
  - ✓ Upper-Mill Plain Road and Duck Farm Road Area (approximately 80 students)
  - ✓ Redistrict from Osborn Hill and Riverfield Schools to Dwight School
  - ✓ Alleviates overcrowding at both Osborn Hill and Riverfield Schools

6

Fairfield Public Schools

Board of Education

The Committee's Recommendation 2

- ☐ Construct Addition to and Renovate Dwight Elementary School
  - ✓ Increase "Brick-and-Mortar" capacity from 378 to 500 students (122 students) by building a 5-classroom addition
  - ✓ Alleviates overcrowding in the long-run at Osborn Hill, Riverfield and possibly Mill Hill Schools

7

Fairfield Public Schools

Board of Education

The Committee's Recommendation 3

- ☐ Establish Feasibility Committee to Study Adding Space to Sherman Elementary School
  - ✓ Sherman's kindergarten enrollment continues to grow (76 to 92 increase in Kindergarten as of 10/1/06 requiring 5 classrooms)
  - ✓ Increase in enrollments due to migration of school-aged families into larger homes
  - ✓ Recognition of limited options because of location

8

Fairfield Public Schools

Board of Education

The Committee's Recommendation 4

- ☐ Renovate Stratfield Elementary School
  - ✓ Needs total renovation similar to Tomlinson Middle School
  - ✓ Consider small addition to alleviate capacity needs across Town

9

Fairfield Public Schools

Board of Education

Miscellaneous Issues

- ☐ Portables
- ☐ High Schools and Middle Schools
- ☐ Leased Spaces
- ☐ Oldfield School

10

Fairfield Public Schools

Board of Education

Special Thanks

Jack Boyle
Tom Cullen
Judy Ewing

11

Fairfield Public Schools

Board of Education

Questions

12

BOARD OF EDUCATION
FAIRFIELD PUBLIC SCHOOLS
FAIRFIELD, CT

REPORT OF THE FACILITIES PLANNING COMMITTEE
NOVEMBER 28, 2006

Introduction

Commencing during the Summer of 2006, the Fairfield Board of Education Facilities Planning Committee (hereinafter "Committee") was charged with reviewing the district's future facilities needs, based on enrollment and program to maintain quality school facilities with flexible uses. The Committee endeavored to analyze the current adequacy of the school district's facilities with regard to physical condition, efficiency and space in order to develop a series of recommendations. This report will detail the work and provide the recommendations of the Committee, as well as offer support for each recommendation.

The Committee's Work

In June 2002 the Board of Education ("BOE") adopted an updated "Elementary Schools Facilities Plan" which addressed various topics such as:

- Assumptions for Elementary School Planning
- Capacity of Fairfield's Elementary Schools
- Calculation Capacity; and
- Space Analysis

After reviewing that report, the Committee determined that the report should be updated to include facility information for the middle schools, the high schools, Burr and McKinley schools, Co-Op, PAL, and Central Office Administration and all information incorporated into a central document detailing the district's facilities information, assumptions, space analysis, etc. The Committee has completed its work on that report, which is entitled "Fairfield Public Schools Facilities Plan" December 2006 (hereinafter "Facilities Plan").

The Committee also studied (i) the capacity of each of the district's schools with and without portable space; (ii) current and projected enrollment in the district (as well as Town of Fairfield census numbers and patterns); (iii) possible renovation and expansion needs in the district's facilities; and (iv) the use of current available space (i.e., whether current available space is being properly and reasonably used). Committee members also toured several schools in the district including Stratfield, Dwight, Sherman and Tomlinson.
During the course of its work the Committee determined that most of the space issues/needs in the district directly related to the district's elementary schools due primarily to the recent new construction and renovation at the district's secondary schools.

Elementary Schools

The Committee studied each elementary school in the district and much of its work is outlined in the Facilities Plan, which contains specific data and information on capacities and portables. The following is the Committees' general

findings on each elementary school (more specific and detailed information can be gleaned from the Facilities Plan).

Burr Elementary School

*Enrollment as of October 1, 2006- 451 students

*Capacity- 504 (no portables)

*Permanent Classrooms- 27 full size

*Portables- None

*Facility Information- It is a newly constructed school having opened in the 2004-05 school year.

Holland Hill School

*Enrollment as of October 1, 2006- 340 students

*Capacity- with current 3 portables 378; without portables 315

*Permanent Classrooms- 20 full-size

*Portables- 3

*Facility Information- Holland Hill is scheduled to receive two replacement portables next year (FY 2007-08). Generally the school is in good condition and new windows were installed recently, but it has significant plumbing issues and needs new bathrooms, ceiling system and lights. Moreover, approximately one-half of the roofs will need to be replaced in 2012 as detailed in the district's maintenance plan. *(Please see Exhibit A section on Holland Hill).*

Jennings School

*Enrollment as of October 1, 2006- 341

*Capacity- 357 capacity without portables

*Permanent Classrooms- 23 full size

*Portables- 1 used for music.

*Facility Information- Jennings is generally in good shape. Its roof is in good condition, it has new windows and its doors were recently painted. *(Please see Exhibit A section on Jennings School).*

McKinley Elementary School

*Enrollment as of October 1, 2006- 463 students

*Capacity- 504 (no portables)

*Permanent Classrooms- 30 full-size

*Portables- None

*Facility Information- McKinley is a newly constructed school having opened in the 2003-04 school year.

Mill Hill School

*Enrollment as of October 1, 2006- 447 students.

*Capacity- 483 with current 5 portables and 378 without portables.

*Permanent Classrooms- 20 full-size

*Portables- 5

*Facility Information-The Committee identified Mill Hill as a school that could benefit from an addition; however, an addition would most likely take away the playground area. The building needs skylight repair and,

in approximately 5 years, it will need a new roof. *(Please see Exhibit A, section on Mill Hill for detailed information).*

North Stratfield School

*Enrollment as of October 1, 2006- 476 students

*Capacity- 462 with no portables

*Permanent Classrooms- 26 full-size

*Portables- None

*Facility Information- The school is in good shape, and air-conditioning recently was installed in 5 classrooms. The wood playground is scheduled to be replaced in 2007, and the building is slated for roof replacement in 2013 as part of the district's facilities management program. The school is currently overcapacity by 14 students. *(Please see Facilities Plan, section on North Stratfieldl).*

Osborn Hill School

*Enrollment as of October 1, 2006- 515 students

*Capacity- with current 4 portables 525; without portables 441

*Permanent Classrooms- 22 full-size

*Portables- 4

*Facility Information- It is not recommended that Osborn Hill be considered for an addition because of the stress that would be placed on the core faculties. (cafeteria, media center and gymnasium). The school, however, will need a new roof in 2011. *(Please see Exhibit A section on Osborn Hill School).*

Riverfield School

***Enrollment as of October 1, 2006-** 477 students

***Capacity-** with current 4 portables 483; without portables 399.

***Permanent Classrooms-** 22 full-size

***Portables-** 4

***Facility Information-** The roof on the "pod" section and connector section of the school has been replaced, and the school is scheduled for a new roof in 2010 as part of the district's facilities management plan. The windows of the school are scheduled for replacement in 2007. *(Please see Exhibit A, section on Riverfield).*

Roger Sherman School

***Enrollment as of October 1, 2006-** 447 students

***Capacity-** 462 students with portables; 357 students without portables

*** Permanent Clasrooms-**19 full-size

***Portables-** 5

***Facility Information-** Sherman's projected enrollment for the 2006-07 school year was 439, which is over the projection by only 8 students; however, Kindergarten enrollment was over the projection by 22 students for the current 2006-7 school year (projection of 70 students versus an actual enrollment of 92 students). There is the real possibility that a dedicated art room will be lost if the school enrollment increases. Sherman is on the list to receive new portables in the next 3 to 4 years. As will be discussed in more detail below, Sherman's population is

anticipated to remain the same or grow over the next several years. *(Please Exhibit A, section on Roger Sherman School).* Although new windows and bathrooms were installed at Sherman during the summer 2006, Sherman could benefit from an addition. However, flood zone issues may impede such an addition.

Stratfield School

***Enrollment as of October 1, 2006**- 464 students

***Capacity-** 483 with current 4 portables and 399 without portables

***Permanent Clasrooms-**21 full-size

***Portables-** 4

***Facility Information-** Stratfield is the oldest elementary school building in the district and it has been recommended by the district's facilities management officials that it undergo a total renovation. The foundation of the building leaks; the building needs façade work; the windows are inadequate; the HVAC system is old and needs to be replaced; it needs code updates (ADA and Life Safety); it still has wood floors in many areas of the building; all of the bathrooms need to be renovated; the basement has moisture issues; it will need a new roof in the next few years; and the bus loop needs to be relocated. If Stratfield underwent a total renovation, the school probably could not operate as an elementary school during renovation requiring Stratfield students to attend classes elsewhere in the district. Additionally, Stratfield could likely accommodate a small addition at its site where the current portables are located thereby eliminating the

need for portable space at that facility. *(Please see Exhibit A, section on Stratfield School).*

Timothy Dwight School

*Enrollment as of October 1, 2006- 326 students.

*Capacity - 378 students.

*Permanent Classrooms-21 full-size.

*Portables-None

*Facility Information- Dwight needs renovation because of its age and condition, which includes building, life safety codes and ADA accessibility upgrades. Moreover, because of its location and building set-up, it is one of the schools that appears could accommodate an addition. *(Please see proposed Facilities Plan, section on Dwight School hereinafter Exhibit A).*

Committee Recommendations

In making the following recommendations, the Committee adopted the assumptions for elementary planning set forth in the updated Facilities Plan. (Those assumptions are attached hereto as Exhibit A). The Committee also used current and projected enrollment numbers, and considered the age and condition of the facilities.

The district retained the services of Applied Data Services to assist in projecting enrollments and updating those figures for 2005-06 through the 2015-16 school years. Attached hereto as Exhibit B is the latest updated enrollment projections report dated November 10, 2006. Predicting enrollment numbers is not an exact science and the projections for the 2006-07 school year were below

the actual enrollment numbers for the 2006-07 school year. Here is the comparison between the projected enrollment figures and actual enrollment for the 2006-07 school year at the elementary level:

	Actual Enrollment	*Projected Enrollment*	*Actual vs. Projected*
Kindergarten	*822*	*767*	*+55*
Grade 1	*806*	*822*	*-16*
Grade 2	*793*	*806*	*-13*
Grade 3	*806*	*784*	*+22*
Grade 4	*731*	*705*	*+26*
Grade 5	*769*	*762*	*+7*
Totals	*4,727*	*4,646*	*+81*

All of the following recommendations are important, but they are listed in sequential order based on what the Committee believes should be addressed by priority.[1] The Committee does not expect the Town of Fairfield to undertake these recommendations all at once and recognizes that the recommendations should be undertaken over a reasonable time frame.

Recommendation Number 1-Mini Redistricting

The Committee recommends that the Board of Education immediately consider a "mini-redistricting" to be implemented in the 2007-08 school year to alleviate the overcrowded situation at Osborn Hill and Riverfield Schools. Approximately 37 students who attend Osborn Hill School reside in the upper Mill Plain Road area and associated side streets. Moreover, 42 students who attend

[1] Any recommendation concerning a proposed addition/renovation is obviously subject to the proper approvals from town bodies such as zoning, conservation etc. The Committee has not researched whether such approvals would be forthcoming as such is subject to legal and/or the expertise of engineering/architectural entities.

Riverfield School reside in the Duck Farm Road area and associated side streets. These two areas are contiguous with the Dwight School district and it is not unreasonable for these areas to attend Dwight School. This would reduce the stress at both Osborn and Riverfield, and Dwight has room to accommodate these additional numbers of students.

Recommendation 2-Addition and Renovation to Dwight

The Committee recommends that an addition to and renovation/upgrades be made to Dwight School to raise its brick and mortar capacity from 378 to 500 students and bring the building up to code. This would entail a modest 5-classroom addition. Because the school now only has a student population of 326 students (with the Dwight enrollment projected to decrease over the next 10 years), building an addition would allow an additional 174+ students to attend the school. The reasoning behind this recommendation is that such an addition would directly help reduce the high enrollment populations at Riverfield and Osborn Hill Schools, and possibly Mill Hill School, with the potential to substantially reduce or eliminate many of the portable classrooms at each of those schools.

Osborn Hill is at the critical stage. Its current enrollment is 515 students, its predicted enrollment for the upcoming 2007-08 school year is 519 students and for 2008-09 its enrollment is projected at 528 students. The school's overcrowding strains core facilities and increases traffic at the site.

Although Osborn Hill School has only three fifth grade sections, it is anticipated that next year it will have four kindergarten sections, which would require a new additional portable at the site. The district plans to replace 2-3 portables district wide for the 2007-08 school year, but it has not planned to add to the current number of portables. Simply put, if nothing is done at Osborn Hill, a new portable would have to be added for the 07-08 school year. (See additional recommendations below). Moreover under the anticipated enrollment projections at Osborn Hill School, the school stays at approximately the 500-student mark for the next 4 years and is only approximately 40 students below the 500 mark for one year through 2015-16. In other words, it is safe to say that the student population will remain between 460 to 500 students for at least the next 10 years.

Riverfield School is also expected to continue to either grow or at least remain around its current level of 477 students. (See Exhibit B). It is safe to say that with the construction of anywhere from 6-16 homes at the corner of Duck Farm and Mill Plain Roads, and based on the ADS projections (which did not consider these homes when it completed its current report), it is not unreasonable to conclude that the student population at Riverfield will approach 500 students and remain at that level for at least the next 5 years.

The Committee believes that out of all the schools in the district Dwight would best accommodate an addition because not only would it help alleviate the conditions at Riverfield, Osborn Hill schools and perhaps Mill Hill School, but it appears that it has the land/space to accommodate an addition and that work on

an addition could occur while school is in session based on the location of a proposed addition.

Recommendation 3-Establishment of Feasibility Committee to Study Adding Space to Sherman School

The Committee also recommends that a feasibility committee be established by the Town to study the feasibility of adding space to Sherman School especially because, as part of this recommendation, the Committee does not support renovating and reopening Oldfield School. (See details below). This could be an assigned task for the town's facilities commission or a "special projects" building committee could be formed to study this issue.

Sherman School is the only school located south of the Post Road. Because of its location it is difficult to redistrict students who attend Sherman School. The only feasible option would be Mill Hill School but, as indicated above, Mill Hill School cannot accommodate additional students. (Although there is a possibility that some space might be available if an addition is constructed at Dwight). Additionally, it appears that Sherman's enrollment is growing. Although for the 2006-07 academic year the projected student population at Sherman was 439 students but the actual enrollment was 447 students (a modest increase of 8 students), the most telling number is at the Kindergarten level. The projection for Kindergarten at Sherman for the 2006-07 year was 70 students but the actual enrollment was 92 students requiring 5 kindergarten sections. Moreover, based

on the 2008-09 projections, it is reasonable to conclude Sherman will have at least 4 Kindergarten sections thereby requiring an additional classroom.

Another indication that the Sherman district will continue to grow is the fact that there has been and continues to be construction of bigger homes taking the place of smaller homes in the Sherman district. Census information also may be used as an indication that the school population may grow at Sherman. Information obtained regarding the 2000 Census (which is the most current information available) indicates that out of the total households which compose all or part of the Sherman district 27% of the households in Tract 615 consists of elderly households (meaning 60+ years of age) and in Tract 616 35% of the households are categorized as elderly households which is at least some evidence that there will be turnover in the future.

The Committee urges that the Town establish a feasibility committee to look at quick/creative/cost effective ways to add space to Sherman School given the fact that Sherman is in a flood plain zone and it is the only school south of the Post Road. With respect to flood zone issues, it is the Committees' understanding that all school renovation/construction projects located in a flood zone must obtain approval from the DEP under the State of Connecticut's Flood Management Program. Under the program, the State has strict guidelines that must be followed; however, it is the Committee's understanding that Connecticut's Flood Management Program includes a provision that for non-intensive building modifications or renovations full compliance with the program is not required. For renovations, which cost less then 50% of full building

replacement costs, the provisions of the program are not enforced. The Committee recommends that any established/created feasibility committee look into adding space at Sherman at a cost of less then 50% of the full building replacement costs. Various options have been suggested by the public, such as: enclosing the courtyard and making it the library/media center and then converting the current library/media center into two classrooms, and then adding a small addition to the building for two or three additional classrooms. This Committee does not have the expertise to determine whether these are viable options but it is recommending that the Town explore all viable options to add space to Sherman School. It is recommended that a committee be established immediately.

Finally there is always a discussion about the feasibility of reopening Oldfield School, which would help reduce the student population at Sherman and possibly Mill Hill. However this issue was studied in May 2002 and was determined that it was not a viable option for several reasons. The Committee does not recommend that Oldfield be renovated and reopened for the reasons identified in that report. (Attached hereto as Exhibit C)

Recommendation 4-Renovation of Stratfield School

The Committee recommends that Stratfield School undergo a total renovation because of its age and condition. (See above under Stratfield School). However, the Committee is not recommending that such a renovation be done before work is done at Dwight and Sherman Schools. Ideally, a total renovation

and small addition to Stratfield School would be done not only to refurbish an old building but also to help solve the elementary enrollment problems discussed above. The problem is that Stratfield School is not located in an area of Fairfield that would help the problems at Osborn Hill School, Riverfield School and Sherman School. It is the Committee's belief that addressing enrollment problems at these schools is more of a necessity at this time then renovating Stratfield School. Moreover, any renovation at Stratfield School would probably require students to vacate the school for a period of time and attend other schools in the district. It seems more practical to get a handle on the enrollment issues identified above before dealing with a renovation of Stratfield School. Stratfield will need a renovation in the not too distant future and the BOE and Town should plan for such a renovation.

Miscellaneous Areas

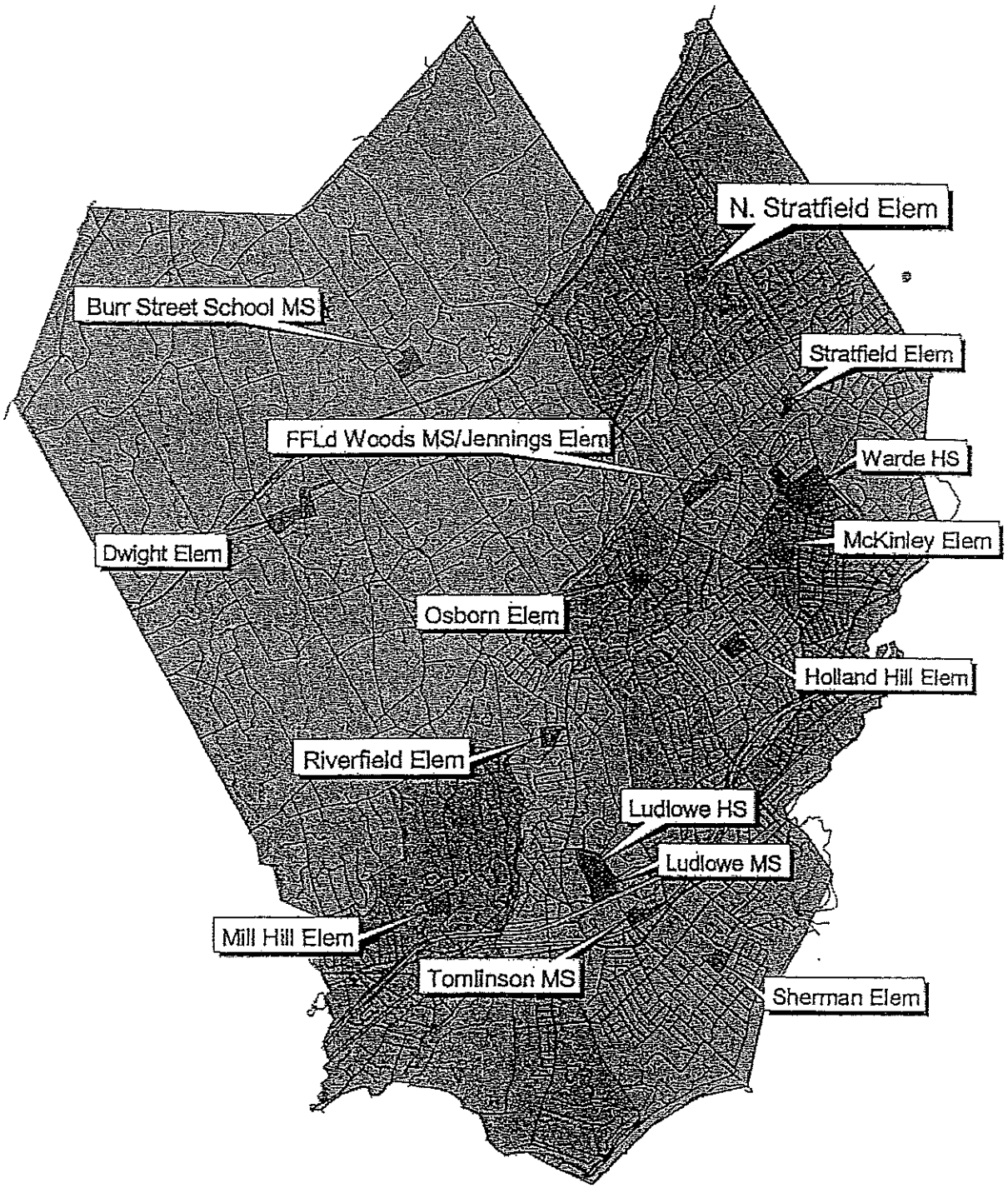
Portables - It is this Committee's recommendation that to the extent possible portables should be eliminated from our schools. To the extent that they need to be used they should be replaced after their useful life, which is 10 years.

High Schools and Middle Schools-These schools are either new or have been renovated. These facilities should be able to accommodate future projected enrollment through flexible room utilization. The Committee recommends that these facilities be maintained pursuant to the "Facilities Management Program" that the district has implemented.

Leased Spaces- The district needs to find solutions to leased space issues involving PAL, Co-OP, Maintenance, and the Central Administration offices. Use of the Army Reserve site located on High Street should be explored for permanent space for both PAL and CO-OP, as well as any other feasible space that may become available over the next few years. With respect to the Central Office space located at 501 Kings Highway East, the seller of the space has a repurchase option which may be exercised in approximately 5 years and, therefore, space for Central Office will need to be addressed in the near future.

Fairfield Public Schools - 2006

Dr. Ann E. Clark, Superintendent of Schools
John Boyle, Deputy Superintendent
Margaret Mary Fitzgerald, Assistant Superintendent
Gary Rosato, Director of Curriculum
Thomas Cullen, Director of Operations
Bonnie McWain, Director of Finance



POTENTIAL "MINI REDISTRICTING" TO DWIGHT FROM OSBORN HILL AND RIVERFIELD

From Gr.	To Gr.	OH	RIV	TOTAL	
K	1	6	7	13	
1	2	9	4	13	
2	3	7	5	12	
3	4	4	10	14	
4	5	5	9	14	66
5	MS 6	6	7	13	13
		37	42	79	79

Gr 4 to Gr 5 might be considered for grandfathering?

Would be TMS (Grandfathered to RLMS?)

Appendix #3

Enrollment Projections

January 4, 2008

OFFFICE OF THE
DEPUTY SUPERINTENDENT
FAIRFIELD PUBLIC SCHOOLS

To:	Ann Clark Superintendent of Schools
From:	John J. Boyle Deputy Superintendent
Date:	January 4, 2008
Re:	Enrollment Projections

We have recently joined the New England School Development Council (NESDEC) who, as part of our initial membership, will provide enrollment projections by grade. Attached are the enrollment projections provided as a service of our membership in NESDEC. The projections are provided by grade through 2012-13. In order to project future enrollments, NESDEC looks at the migration ratios for each grade pair over the past few years and then makes an "educated" determination for the ratio to be used. The ratios used by NESDEC are as follows:

B-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
1.05	1.03	1	1.015	1.02	1.01	1.01	1	1.01	1	0.98	0.99	0.99

Applied Data Services (ADS), on the other hand, has developed three different migration/survival ratios (One-Year, Three-Year and Five-Year) to develop future projections. A one-year ratio uses the most recent experience to predict future enrollments, while a five-year ratio considers the average of the trends over the past five years to predict future enrollments. Based on our history, the five-year ratio is the most conservative and creates a lower bound for projections while the one-year ratio creates the upper bound. A three-year ratio is somewhere in the middle. Previously ADS used a five-year ratio, which yielded fewer students than actually enrolled as reflected on the October 1, 2007 census. For this year, ADS has used a three-year average to determine future projections. This puts more weight on recent trends in developing future projections. The ratios used by ADS are as follows:

B-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
1.031	1.032	.993	1.016	1.019	1.005	1.012	1.003	1.005	.987	.963	.984	.979

I have attached the most recent NESDEC projections together with those provided by ADS for your information. In summary, for the 2008-09 school year, NESDEC projects 4908 students K-5, 2249 students 6-8, and 2686 students 9-12, while ADS projects 4877 students K-5, 2250 students 6-8, and 2668 students 9-12. We are using the ADS figures for the 2008-09 budget proposal.

Projections	K-5*	6-8	9-12**	K-12***
NESDEC	4908	2249	2686	9843
ADS	4877	2250	2668	9795
Difference	+31	-1	+18	+48

*Excludes ECC and Preschool **Includes PAL and COOP ***Excludes ECC and Preschool and Includes PAL and COOP

FAIRFIELD PUBLIC SCHOOLS

UPDATED ENROLLMENT PROJECTIONS

(BASED ON OCTOBER 1, 2007 ENROLLMENTS)

Prepared by Applied Data Services
19 Park Place
Flanders, NJ 07836
PH: (973) 584-5578
FX: (973) 584-0726
EM: ads2@optonline.net

December 17, 2007

TABLE OF CONTENTS

SUMMARY

During the period from 2007 through 2013/2014, the total grade K-12 enrollments are projected to increase steadily from 9,593 students to 10,035 students, and begin to gradually decline to 9,845 students in 2017. For the same period, every elementary school shows a slight reduction in total enrollment. The K-5 enrollment peaks in 2008/09 to 4,877 students (not including ECC). The K-5 enrollment does not reach this level again through 2017/18 and steadily declines. This can be attributed to the big decline in births, from 757 in 2003 to 638 in 2004 resulting in 125 fewer students in 2009/10.

The birth to kindergarten survival ratio of 1.03 indicates more kindergarten students have enrolled into the system than children born five years earlier. It would be safe to identify in-migration of younger families into the Fairfield School District as the cause as opposed to private and parochial and/or early childhood centers closing. This in-migration which is also reflected in grades 1 through 5 projections can be attributed to turnover of existing homes rather than new housing. This in-migration resulted in an actual kindergarten enrollment of 736 students, an additional 51 more students than were projected in the 2006/07 report.

Because of the "under projection" of kindergarten and several other grades over the past two years, ADS has calculated an "upper bound" for each grade for each year through 2012. This upper bound in projected enrollments is a result of the positive trend in the survival ratios from 2005/06 through 2007/08 as shown on page 11. The 2007/08 survival ratio was used to create the upper bound projections from 2007/08 through 2012/13 as shown in the table "Upper Bound Enrollment Projections" on page 12. These upper bound projections are approximately 10% greater than the projections using the "average" three year survival ratio.

For completeness, the enrollment projections using a five year average are also presented as the lower bound enrollment on page 13.

INTRODUCTION

Applied Data Services has updated the Fairfield Public Schools' enrollment projections from 2007/08 through 2017/18. The cohort survival ratios used to project the enrollments for each grade pair were calculated using the past three years of enrollment history. This is a change from the previous methodology to better reflect more recent trends. The ten-year enrollment projections required that the births from 2008 through 2012 be estimated. A "three year" rolling average estimation was used to predict births and is described herein. The live birth statistics were obtained from the Connecticut State Department of Education.

SPECIFICATIONS

The current school year, 2007/08, is the base year for the projected enrollments. These current school enrollments by school, by grade, were provided by Fairfield Central Administration. For completeness, these statistics have been included as Appendix 1.

Elementary grade K-5 schools feed one hundred percent (100%) of their fifth grade enrollment to their respective middle schools. The middle schools feed into the two high schools as per the feeder structure included as Appendix 2.

This update used the October 1, 2007 enrollments by building, by grade. The results of these projections were analyzed against the 2006 projections. The reports created include:

Enrollment history by district, by grade, beginning five years previously and proceeding through the current year;

Enrollment projections by district, by grade and year beginning in 2008/09 through 2017/18 for each grade;

Enrollment projections for each building for each year through 2017/18;

Enrollment projections for each building by grade through 2017/18;

The survival ratios for each grade pair including the birth to kindergarten progression, and

Projected births calculated by using a three-year rolling average.

ANALYSIS

ASSIGNMENT OF PROJECTED KINDERGARTEN STUDENTS

The kindergarten students are projected on a district wide basis for each year. The procedure for assignment of these students to each of the elementary schools is as follows: for each elementary school, the number of students in grades 1 through 3 is added; the percentage of the number of grades 1 through 3 in a school, versus the district total of grades 1 through 3, is computed for each school; and the projected kindergarten students are then assigned to each school according to this percentage.

COMPARISON BETWEEN PREVIOUS 2007/08 PROJECTIONS AND ACTUAL ENROLLMENTS FOR 2007/08

A comparison of the enrollments Projected 2007/08, using the November 10, 2006 updated Enrollment Projections Report; against the Actual 2007/08 grades K-5, 6-8 and 9-12 enrollments provided by the district, is shown below.

	K	K-5	6-8	9-12*
Projected 2007/08	685	4668	2205	2532
Actual 2007/08	736	4803	2221	2569
Difference	-51	-135	-16	-46

* Grades 9-12 figures do not include PAL/CO-OP.

SURVIVAL RATIOS

ADS has developed three different migration/survival ratios (One-Year, Three-Year and Five-Year) to develop future projections. A one-year ratio uses the most recent experience to predict future enrollments, while a five-year ratio considers the average over the past five years to predict future enrollments. Based on our history, the five-year ratio is the most conservative and creates a lower bound for projections, and the one-year ratio creates the upper bound. A three-year ratio creates a middle bound. In previous years, ADS has used a five-year ratio which yielded fewer students projected than actually enrolled as reflected on the October 1, 2007 census. For this year, ADS is using a three-year average to determine future projections. This puts more weight on more recent trends in developing future projections.

Therefore, the survival ratios are computed based on a three year history for each grade. The survival ratios for each grade pair are then applied to each grade in each of the schools to calculate the projected enrollments. The projected enrollments by grade, by year, are obtained by adding each of the grades for the schools. The survival ratios are presented below for each grade pair for the years 2007/08 through 2012/13. (These survival ratios are also used for projecting enrollments from 2013/14 through 2017/18.)

SURVIVAL RATIOS FOR PROJECTIONS THROUGH 2012/13

Grade	B	K	1	2	3	4	5	6	7	8	9	10	11	12
SR		1.031	1.032	.993	1.016	1.019	1.005	1.012	1.003	1.005	.987	.963	.984	.979

A birth/kindergarten survival ratio of 1.031 indicates more students enrolled in kindergarten in 2007/08 than were born in Fairfield five years earlier.

From grades K through 8 (with the exception of grade 2), the public schools are projected to increase, attracting students through in-migration. Grades 9 through 12 are projected to show a loss of students each year.

The difference between the projected K-5 enrollment versus the actual enrollment for K-5 (-135 students) can be attributed to the under projected kindergarten enrollment for 2007/08 and the in-migration of grades 1 through 5 as indicated by the survival ratios. Housing turnovers, that is, residential sales rather than new housing, are the source of this increase.

COMMENTS ON 2007/08 PROJECTED ENROLLMENTS

The total K-12 enrollments (less ECC and PAL/COOP) are projected to increase from 9,593 students in 2007/08 to 9,751 students in 2008/09. This is an increase of only 158 students in one year, with a projected K-12 enrollment steadily increasing to 9,990 students in 2012/13. The decrease in births, from 757 in 2003 to 638 in 2004 results in 125 fewer students in 2009/10.

The K-5 enrollment peaks in 2008/09 to 4,877 students (not including ECC). The K-5 enrollment does not reach this level again through 2017/18 and steadily declines. In 2012/13 the K-5 enrollment decreases to 4,471, down 332 students from the current enrollment of 4,803. This is caused by the decrease in births from 757 in 2003 to 638 in 2004, which results in 125 fewer kindergarten students in 2009/10. Over the long term, this represents approximately 15 classes at the elementary level in 2012/13.

The birth to kindergarten survival ratio of 1.03 indicates that more kindergarten students have enrolled into the system than children born five years earlier. It would be safe to attribute this to the in-migration of younger families into the Fairfield School District as the cause, as opposed to the closing of private and parochial and/or early childhood centers. This in-migration resulted in an actual kindergarten enrollment of 736 students, an additional 51 students more than projected in the 2006/07 report.

The number of students in grades 6-8 increases by 354 students by the year 2012/13 then steadily declines. The grades 9-12 enrollment increases by 375 students by the year 2012/13 and peaks in the year 2015/16 with 3,245 students, then steadily declines to 3,172 students in the year 2017.

COMPUTATION OF PROJECTED BIRTHS FROM 2007 THROUGH 2012

In order to project enrollments from 2013 through 2017, it was necessary to estimate the number of births from 2008 through 2012. Since the Connecticut State Department of Health has yet to receive the total number of children born to residents of Fairfield from outside of the state, provisional births for 2006 and 2007 are also estimated using a three year rolling average. For 2007 the projected births using a three year rolling average is 678 and for 2006 the number of births are 698. A three year "rolling average" procedure was used to estimate the births. These births were used to compute the kindergarten enrollment projections from 2013/14 through 2017/18. (See Figure 1.)

NEW CONSTRUCTION

The number of single family dwellings constructed in Fairfield is presented below for the years 2003 through 2006. The history of new construction indicates no extraordinary growth, requiring no adjustment to the projections.

YEAR	SINGLE / 2 FAMILY HOUSING UNITS
2003	74
2004	94
2005	145
2006	116
2007	100 <est>

The plans for a number of new subdivisions were reviewed. These subdivisions have no construction date identified. As a note of interest only, the Bulkley property, with approximately 18 lots, may impact the Mill Hill attendance area when all of the new homes are completed.

Rev. 12/17

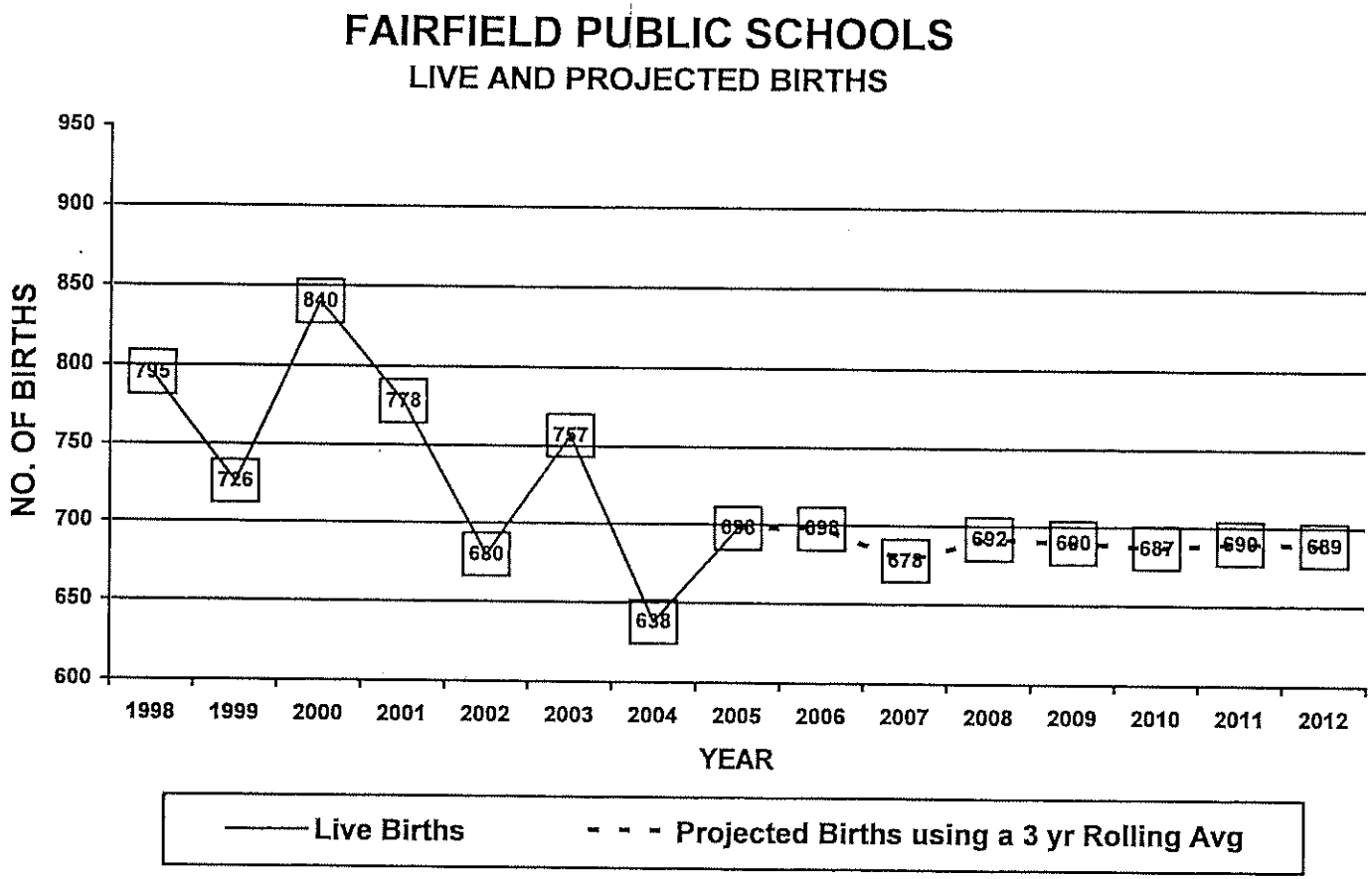


Figure 1

Notes: Births compiled for years 1998 through 2005 were provided by Bureau of Student Assessment and Research of the Connecticut State Dept. of Education.
The 663 provisional births for 2006 were adjusted to 698, using a three year rolling average.
Estimates for the un-compiled years 2007 through 2012 were calculated using a three year rolling average.

FAIRFIELD PUBLIC SCHOOLS

DISTRICT-WIDE ENROLLMENT PROJECTION BY GRADE AND YEAR
(3-YEAR SURVIVAL RATIO)

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
ECC	54	60	50	55	55	54
KINDERGARTEN	736	780	658	720	720	700
FIRST	848	761	803	679	743	743
SECOND	810	840	756	796	677	737
THIRD	822	821	851	767	807	688
FOURTH	839	836	836	868	781	822
FIFTH	748	839	836	836	868	781
SUB TOTAL K-5	**4803**	**4877**	**4740**	**4666**	**4596**	**4471**
SIXTH	775	759	850	847	847	879
SEVENTH	709	778	759	850	847	847
EIGHTH	737	713	782	759	853	849
SUB TOTAL 6-8	**2221**	**2250**	**2391**	**2456**	**2547**	**2575**
NINTH	659	726	703	771	747	841
TENTH	687	635	699	678	743	719
ELEVENTH	600	676	625	688	667	731
TWELFTH	623	588	662	612	673	653
SUB TOTAL 9-12	**2569**	**2625**	**2689**	**2749**	**2830**	**2944**
TOTAL K-12	**9593**	**9752**	**9820**	**9871**	**9973**	**9990**
PAL/CO-OP	42	43	45	47	49	52
TOTAL	**9689**	**9855**	**9915**	**9973**	**10077**	**10096**

Notes: **TOTAL** includes Grades K-12, ECC, and PAL/CO-OP.
ECC projections used the same percent of increase/decrease as kindergarten.
PAL/CO-OP projections used the same percent of increase/decrease as gr. 9-12.
Special Education students are reflected in individual grades and school totals.
Enrollment does not include 20 Pre-K students at McKinley.

FAIRFIELD PUBLIC SCHOOLS

DISTRICT-WIDE ENROLLMENT PROJECTION BY GRADE AND YEAR (3-YEAR SURVIVAL RATIO)

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
ECC	55	55	55	55	55
KINDERGARTEN	714	713	708	713	712
FIRST	722	736	735	730	735
SECOND	741	720	734	733	728
THIRD	748	752	731	745	744
FOURTH	699	760	764	742	756
FIFTH	822	699	760	764	742
SUB TOTAL K-5	**4446**	**4380**	**4432**	**4427**	**4417**
SIXTH	792	833	710	771	775
SEVENTH	879	792	833	710	771
EIGHTH	849	881	792	833	710
SUB TOTAL 6-8	**2520**	**2506**	**2335**	**2314**	**2256**
NINTH	836	836	867	780	821
TENTH	810	805	806	835	753
ELEVENTH	708	797	792	793	822
TWELFTH	715	693	780	776	776
SUB TOTAL 9-12	**3069**	**3131**	**3245**	**3184**	**3172**
TOTAL K-12	**10035**	**10017**	**10012**	**9925**	**9845**
PAL/CO-OP	54	55	57	56	56
TOTAL	**10144**	**10127**	**10124**	**10036**	**9956**

Notes: **TOTAL** includes Grades K-12, ECC, and PAL/CO-OP.
ECC projections used the same percent of increase/decrease as kindergarten.
PAL/CO-OP projections used the same percent of increase/decrease as gr. 9-12.
Special Education students are reflected in individual grades and school totals.
Enrollment does not include 20 Pre-K students at McKinley.

FAIRFIELD PUBLIC SCHOOLS

SUMMARY OF ENROLLMENT PROJECTION BY SCHOOL AND YEAR (3-YEAR SURVIVAL RATIO)

SCHOOL	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
BURR	445	440	401	391	369	374
DWIGHT	340	343	338	327	325	321
HOLLAND	358	356	348	346	348	331
JENNINGS	353	357	349	350	343	333
McKINLEY	442	433	429	420	417	397
MILL HILL	465	473	471	466	454	454
N.STRATFIELD	495	509	501	494	494	477
OSBORN HILL	519	527	513	503	494	486
RIVERFIELD	473	483	473	474	452	443
SHERMAN	453	467	461	443	451	423
STRATFIELD	460	489	456	452	449	432
FWMS	597	606	673	673	700	676
RLMS	887	884	943	956	1011	1020
TMS	737	760	775	827	836	879
FWHS	1207	1249	1260	1292	1334	1402
FLHS	1362	1376	1429	1457	1496	1542
TOTAL K-12	**9593**	**9752**	**9820**	**9871**	**9973**	**9990**
ECC	54	60	50	55	55	54
PAL/CO-OP	42	43	45	47	49	52
TOTAL	**9689**	**9855**	**9915**	**9973**	**10077**	**10096**

Notes: Special Education students are reflected in individual grades and school totals.
McKinley enrollment does not include 20 Pre-K students.

FAIRFIELD PUBLIC SCHOOLS

SUMMARY OF ENROLLMENT PROJECTION BY SCHOOL AND YEAR (3-YEAR SURVIVAL RATIO)

SCHOOL	YEAR				
	13-14	14-15	15-16	16-17	17-18
BURR	377	371	376	375	374
DWIGHT	319	315	320	320	320
HOLLAND	330	326	330	330	330
JENNINGS	330	326	330	330	330
McKINLEY	403	398	402	402	401
MILL HILL	442	435	440	440	439
N.STRATFIELD	466	457	461	460	459
OSBORN HILL	477	468	474	471	468
RIVERFIELD	443	436	441	441	440
SHERMAN	430	424	429	429	428
STRATFIELD	429	424	429	429	428
FWMS	668	655	621	612	595
RLMS	1001	986	914	910	888
TMS	851	865	800	792	773
FWHS	1460	1488	1530	1481	1481
FLHS	1609	1643	1715	1703	1691
TOTAL K-12	**10035**	**10017**	**10012**	**9925**	**9845**
ECC	55	55	55	55	55
PAL/CO-OP	54	55	57	56	56
TOTAL	**10144**	**10127**	**10124**	**10036**	**9956**

Notes: Special Education students are reflected in individual grades and school totals.
McKinley enrollment does not include 20 Pre-K students.

IN-MIGRATION ANALYSIS

Because of the "under projection" of kindergarten and several other grades over the past two years, ADS has calculated an "upper bound" for each grade for each year through 2012. This upper bound in projected enrollments is a result of the positive trend in the survival ratios from 2005/06 through 2007/08.

This "trend" in the grade pair survival ratios over the years 2005 through 2007 are characterized as being '+' if the 2007/08 ratio is greater than the three year average and '-' if less than the average as indicated in the TREND column. (The three year average survival ratio(s) is used in the study to project grade enrollment from 2007 through 2017. See Survival Ratios table below.

SURVIVAL RATIOS

GRADE PAIR	05/06	06/07	07/08	5 YR AVG	3 YR AVG	1 YR AVG	TREND 1 YR / 3 YR
Birth to K	.954	1.057	1.082	1.027	1.031	1.082	+
K / 1st	1.058	1.006	1.032	1.027	1.032	1.032	+/-
1st / 2nd	.990	.984	1.005	.999	.993	1.005	+
2nd / 3rd	.982	1.028	1.037	1.009	1.016	1.037	+
3rd / 4th	.995	1.021	1.041	1.003	1.019	1.041	+
4th / 5th	.990	1.001	1.023	1.001	1.005	1.023	+
5th / 6th	1.011	1.017	1.008	1.008	1.012	1.008	–
6th / 7th	1.005	.993	1.011	1.008	1.003	1.011	+
7th / 8th	1.001	1.000	1.015	.997	1.005	1.015	+
8th / 9th	.974	.990	.997	.971	.987	.997	+
9th / 10th	.958	.949	.984	.971	.963	.984	+
10th / 11th	.973	.998	.982	.980	.984	.982	+
11th / 12th	.970	.979	.989	.986	.979	.989	+

The 2007/08 survival ratio was used to create the upper bound projections from 2007/08 through 2012 as shown in table "Upper Bound Enrollment Projections" on page 12. The upper bound projections are approximately 1.7% greater in 2008-09 and approximately 7% greater in 2012-13 than the projections using the "average" three year survival ratio for the same period. For completeness, the enrollment projections using a five year average are also presented as the lower bound enrollment on page 13.

FAIRFIELD PUBLIC SCHOOLS

UPPER BOUND ENROLLMENT PROJECTIONS BY GRADE AND YEAR

(Using the survival ratio(s) based on 2006/07 and 2007/08 enrollments)

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
ECC	54	60	50	55	55	54
KINDERGARTEN	736	819	690	755	755	734
FIRST	848	780	845	712	779	779
SECOND	810	852	784	849	716	783
THIRD	822	840	884	813	880	743
FOURTH	839	856	874	920	846	916
FIFTH	748	858	876	894	941	866
SUB TOTAL K-5	**4803**	**5005**	**4953**	**4943**	**4917**	**4821**
SIXTH	775	754	865	883	901	949
SEVENTH	709	784	762	875	893	911
EIGHTH	737	720	796	773	888	906
SUB TOTAL 6-8	**2221**	**2258**	**2423**	**2531**	**2682**	**2766**
NINTH	659	735	718	794	771	885
TENTH	687	649	723	707	781	759
ELEVENTH	600	675	637	710	694	767
TWELFTH	623	593	668	630	702	686
SUB TOTAL 9-12	**2569**	**2652**	**2746**	**2841**	**2948**	**3097**
TOTAL K-12	**9593**	**9915**	**10122**	**10315**	**10547**	**10684**
PAL/CO-OP	42	43	45	47	49	52
TOTAL	**9689**	**10018**	**10217**	**10417**	**10651**	**10790**

Notes: **TOTAL** includes Grades K-12, ECC, and PAL/CO-OP.
ECC projections used the same percent of increase/decrease as kindergarten.
PAL/CO-OP projections used the same percent of increase/decrease as gr. 9-12.
Special Education students are reflected in individual grades and school totals.

FAIRFIELD PUBLIC SCHOOLS

LOWER BOUND ENROLLMENT PROJECTIONS BY GRADE AND YEAR

(Using the 5 year survival ratios)

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
ECC	54	57	48	47	48	48
KINDERGARTEN	736	778	655	692	706	708
FIRST	848	755	798	672	711	725
SECOND	810	848	755	798	672	711
THIRD	822	819	859	764	809	680
FOURTH	839	822	819	859	764	809
FIFTH	748	839	822	819	859	764
SUB TTL K-5	**4803**	**4861**	**4708**	**4604**	**4521**	**4397**
SIXTH	775	755	847	831	828	868
SEVENTH	709	781	762	855	840	836
EIGHTH	737	707	778	762	855	840
SUB TTL 6-8	**2221**	**2243**	**2387**	**2448**	**2523**	**2544**
NINTH	659	714	686	755	740	829
TENTH	687	640	693	666	733	719
ELEVENTH	600	673	627	678	653	718
TWELFTH	623	592	664	618	668	644
SUB TTL 9-12	**2569**	**2619**	**2670**	**2717**	**2794**	**2910**
TOTAL K-12	**9593**	**9723**	**9765**	**9769**	**9838**	**9851**
PAL/CO-OP	42	43	44	45	47	49
TOTAL	**9689**	**9823**	**9857**	**9861**	**9933**	**9948**

Notes: **TOTAL** includes Grades K-12, ECC, and PAL/CO-OP.
ECC projections used the same percent of increase/decrease as Kindergarten.
PAL/CO-OP projections used the same percent of increase/decrease as gr. 9-12.
Special Education students are reflected in individual grades and school totals.

Following this section, the projected enrollments by grade, by year through 2017/18, using a three-year survival ratio, are presented; followed by the projections by school, by year for the same period. Individual school projections by grade are included, followed by a district-wide enrollment history by grade, by year. Appendix 1 contains the October 1, 2007 enrollments by school, by grade, as provided by the Fairfield Central Administration; Appendix 2 illustrates the feeder patterns used for the projections.

Projected Enrollments

by Building by Grade

2007 through 2017

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - BURR

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
KINDERGARTEN	57	66	55	61	61	59
FIRST	56	59	68	57	63	63
SECOND	84	56	59	68	57	63
THIRD	74	85	57	60	69	58
FOURTH	99	75	87	58	61	70
FIFTH	75	99	75	87	58	61
TOTAL	**445**	**440**	**401**	**391**	**369**	**374**

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
KINDERGARTEN	60	60	60	60	60
FIRST	61	62	62	62	62
SECOND	63	61	62	62	62
THIRD	64	64	62	63	63
FOURTH	59	65	65	63	64
FIFTH	70	59	65	65	63
TOTAL	**377**	**371**	**376**	**375**	**374**

Note: Special Education students are reflected in individual grades and school totals.
ECC students are <u>not</u> included in the above projections.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - DWIGHT

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
KINDERGARTEN	53	55	47	51	51	50
FIRST	56	55	57	48	53	53
SECOND	55	56	55	57	48	53
THIRD	64	56	57	56	58	49
FOURTH	56	65	57	58	57	59
FIFTH	56	56	65	57	58	57
TOTAL	340	343	338	327	325	321

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
KINDERGARTEN	51	51	51	51	51
FIRST	52	53	53	53	53
SECOND	53	52	53	53	53
THIRD	54	54	53	54	54
FOURTH	50	55	55	54	55
FIFTH	59	50	55	55	54
TOTAL	319	315	320	320	320

Note: Special Education students are reflected in individual grades and school totals. ECC students are <u>not</u> included in the above projections.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL – HOLLAND HILL

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
KINDERGARTEN	54	57	48	53	53	51
FIRST	71	56	59	50	55	55
SECOND	53	70	56	59	50	55
THIRD	58	54	71	57	60	51
FOURTH	60	59	55	72	58	61
FIFTH	62	50	59	55	72	58
TOTAL	358	356	348	346	348	331

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
KINDERGARTEN	53	53	52	53	53
FIRST	53	55	55	54	55
SECOND	55	53	55	55	54
THIRD	56	56	54	56	56
FOURTH	52	57	57	55	57
FIFTH	61	52	57	57	55
TOTAL	330	326	330	330	330

Note: Special Education students are reflected in individual grades and school totals. ECC students are <u>not</u> included in the above projections.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL – JENNINGS

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
KINDERGARTEN	56	57	48	53	53	51
FIRST	63	58	59	50	55	55
SECOND	62	63	58	59	50	55
THIRD	55	63	64	59	60	51
FOURTH	60	56	64	65	60	61
FIFTH	57	60	56	64	65	60
TOTAL	353	357	349	350	343	333

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
KINDERGARTEN	53	53	52	53	53
FIRST	53	55	55	54	55
SECOND	55	53	55	55	54
THIRD	56	56	54	56	56
FOURTH	52	57	57	55	57
FIFTH	61	52	57	57	55
TOTAL	330	326	330	330	330

Note: Special Education students are reflected in individual grades and school totals. ECC students are <u>not</u> included in the above projections.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - McKINLEY

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
KINDERGARTEN	59	72	60	64	64	63
FIRST	86	61	73	62	67	67
SECOND	70	85	61	72	62	67
THIRD	76	71	86	62	73	63
FOURTH	67	77	72	88	63	74
FIFTH	84	67	77	72	88	63
TOTAL	442	433	429	420	417	397

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
KINDERGARTEN	65	65	64	65	64
FIRST	65	67	67	66	67
SECOND	67	65	67	67	66
THIRD	68	68	66	68	68
FOURTH	64	69	69	67	69
FIFTH	74	64	69	69	67
TOTAL	403	398	402	402	401

Note: Special Education students are reflected in individual grades and school totals.
ECC students are not included in the above projections.
McKinley projection does not include Pre-K students.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - MILL HILL

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
KINDERGARTEN	82	78	65	72	72	70
FIRST	73	85	80	67	74	74
SECOND	86	72	84	79	67	73
THIRD	79	87	73	85	80	68
FOURTH	71	80	89	74	87	82
FIFTH	74	71	80	89	74	87
TOTAL	465	473	471	466	454	454

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
KINDERGARTEN	71	71	70	71	71
FIRST	72	73	73	72	73
SECOND	74	72	73	73	72
THIRD	74	75	73	74	74
FOURTH	69	75	76	74	75
FIFTH	82	69	75	76	74
TOTAL	442	435	440	440	439

Note: Special Education students are reflected in individual grades and school totals. ECC students are not included in the above projections.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - N. STRATFIELD

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
KINDERGARTEN	84	82	70	76	76	74
FIRST	93	87	85	72	78	78
SECOND	78	92	86	84	71	77
THIRD	85	79	93	87	85	72
FOURTH	82	87	80	95	89	87
FIFTH	73	82	87	80	95	89
TOTAL	**495**	**509**	**501**	**494**	**494**	**477**

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
KINDERGARTEN	75	75	74	75	75
FIRST	76	77	77	76	77
SECOND	77	75	76	76	75
THIRD	78	78	76	77	77
FOURTH	73	79	79	77	78
FIFTH	87	73	79	79	77
TOTAL	**466**	**457**	**461**	**460**	**459**

Note: Special Education students are reflected in individual grades and school totals.
ECC students are not included in the above projections.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL – OSBORN HILL

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
KINDERGARTEN	84	84	71	78	78	76
FIRST	86	87	87	73	80	80
SECOND	88	85	86	86	72	79
THIRD	90	89	86	87	87	73
FOURTH	90	92	91	88	89	89
FIFTH	81	90	92	91	88	89
TOTAL	519	527	513	503	494	486

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
KINDERGARTEN	77	76	76	76	76
FIRST	78	79	78	78	78
SECOND	79	77	78	77	77
THIRD	80	80	78	79	78
FOURTH	74	82	82	79	80
FIFTH	89	74	82	82	79
TOTAL	477	468	474	471	468

Note: Special Education students are reflected in individual grades and school totals. ECC students are not included in the above projections.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - RIVERFIELD

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
KINDERGARTEN	72	78	66	72	72	70
FIRST	81	74	80	68	74	74
SECOND	95	80	73	79	68	73
THIRD	74	96	81	74	80	69
FOURTH	80	75	98	83	75	82
FIFTH	71	80	75	98	83	75
TOTAL	**473**	**483**	**473**	**474**	**452**	**443**

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
KINDERGARTEN	71	71	71	71	71
FIRST	72	73	73	73	73
SECOND	74	72	73	73	73
THIRD	74	75	73	74	74
FOURTH	70	75	76	74	75
FIFTH	82	70	75	76	74
TOTAL	**443**	**436**	**441**	**441**	**440**

Note: Special Education students are reflected in individual grades and school totals. ECC students are not included in the above projections.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - SHERMAN

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
KINDERGARTEN	62	76	64	70	70	68
FIRST	97	64	78	66	72	72
SECOND	64	96	64	77	66	71
THIRD	90	65	97	65	78	67
FOURTH	74	92	66	99	66	79
FIFTH	66	74	92	66	99	66
TOTAL	453	467	461	443	451	423

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
KINDERGARTEN	69	69	69	69	69
FIRST	70	71	71	71	71
SECOND	72	70	71	71	71
THIRD	72	73	71	72	72
FOURTH	68	73	74	72	73
FIFTH	79	68	73	74	72
TOTAL	430	424	429	429	428

Note: Special Education students are reflected in individual grades and school totals.
ECC students are <u>not</u> included in the above projections.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - STRATFIELD

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
KINDERGARTEN	73	75	64	70	70	68
FIRST	86	75	77	66	72	72
SECOND	75	85	74	76	66	71
THIRD	77	76	86	75	77	67
FOURTH	100	78	77	88	76	78
FIFTH	49	100	78	77	88	76
TOTAL	**460**	**489**	**456**	**452**	**449**	**432**

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
KINDERGARTEN	69	69	69	69	69
FIRST	70	71	71	71	71
SECOND	72	70	71	71	71
THIRD	72	73	71	72	72
FOURTH	68	73	74	72	73
FIFTH	78	68	73	74	72
TOTAL	**429**	**424**	**429**	**429**	**428**

Note: Special Education students are reflected in individual grades and school totals. ECC students are <u>not</u> included in the above projections.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - FWMS

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
SIXTH	219	208	244	221	234	221
SEVENTH	177	220	208	244	221	234
EIGHTH	201	178	221	208	245	221
TOTAL	597	606	673	673	700	676

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
SIXTH	213	221	187	204	204
SEVENTH	221	213	221	187	204
EIGHTH	234	221	213	221	187
TOTAL	668	655	621	612	595

Note: Special Education students are reflected in individual grades and school totals.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - RLMS

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
SIXTH	310	289	341	326	342	351
SEVENTH	282	311	289	341	326	342
EIGHTH	295	284	313	289	343	327
TOTAL	887	884	943	956	1011	1020

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
SIXTH	307	327	280	303	305
SEVENTH	351	307	327	280	303
EIGHTH	343	352	307	327	280
TOTAL	1001	986	914	910	888

Note: Special Education students are reflected in individual grades and school totals.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - TMS

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
SIXTH	246	262	265	300	271	307
SEVENTH	250	247	262	265	300	271
EIGHTH	241	251	248	262	265	301
TOTAL	737	760	775	827	836	879

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
SIXTH	272	285	243	264	266
SEVENTH	307	272	285	243	264
EIGHTH	272	308	272	285	243
TOTAL	851	865	800	792	773

Note: Special Education students are reflected in individual grades and school totals.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL - FAIRFIELD WARDE HS

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
NINTH	304	346	318	375	350	414
TENTH	333	293	333	307	361	336
ELEVENTH	288	328	288	328	302	356
TWELFTH	282	282	321	282	321	296
TOTAL	1207	1249	1260	1292	1334	1402

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
NINTH	382	403	394	364	382
TENTH	399	368	389	380	351
ELEVENTH	331	393	362	382	374
TWELFTH	348	324	385	355	374
TOTAL	1460	1488	1530	1481	1481

Note: Special Education students are reflected in individual grades and school totals. PAL/CO-OP students are not included in the above figures.

FAIRFIELD PUBLIC SCHOOLS

ENROLLMENT PROJECTION BY BUILDING AND YEAR
(3-YEAR SURVIVAL RATIO)

SCHOOL – FAIRFIELD LUDLOWE HS

GRADE	YEAR					
	07-08	08-09	09-10	10-11	11-12	12-13
NINTH	355	380	385	396	397	427
TENTH	354	342	366	371	382	383
ELEVENTH	312	348	337	360	365	375
TWELFTH	341	306	341	330	352	357
TOTAL	**1362**	**1376**	**1429**	**1457**	**1496**	**1542**

GRADE	YEAR				
	13-14	14-15	15-16	16-17	17-18
NINTH	454	433	473	416	439
TENTH	411	437	417	455	402
ELEVENTH	377	404	430	411	448
TWELFTH	367	369	395	421	402
TOTAL	**1609**	**1643**	**1715**	**1703**	**1691**

Note: Special Education students are reflected in individual grades and school totals.
PAL/CO-OP students are <u>not</u> included in the above figures.

FAIRFIELD PUBLIC SCHOOLS

DISTRICT-WIDE ENROLLMENT HISTORY
BY GRADE AND YEAR

GRADE	YEAR					
	02-03	03-04	04-05	05-06	06-07	07-08
ECC	40	41	59	52	51	54
KINDERGARTEN	696	791	762	801	822	736
FIRST	767	721	792	806	806	848
SECOND	716	772	729	784	793	810
THIRD	723	715	772	716	806	822
FOURTH	668	712	696	768	731	839
FIFTH	696	650	723	689	769	748
SUB TOTAL K-5	**4266**	**4361**	**4474**	**4564**	**4727**	**4803**
SIXTH	654	690	658	731	701	775
SEVENTH	719	660	704	661	726	709
EIGHTH	641	696	661	705	661	737
SUB TOTAL 6-8	**2014**	**2046**	**2023**	**2097**	**2088**	**2221**
NINTH	608	607	659	644	698	659
TENTH	543	600	592	631	611	687
ELEVENTH	525	521	591	576	630	600
TWELFTH	442	514	529	573	564	623
SUB TOTAL 9-12	**2118**	**2242**	**2371**	**2424**	**2503**	**2569**
TOTAL K-12	**8398**	**8649**	**8868**	**9085**	**9318**	**9593**
PAL/CO-OP	43	33	31	38	34	42
TOTAL	**8481**	**8723**	**8958**	**9175**	**9403**	**9689**

Note: **TOTAL** includes Grades K-12, ECC, and PAL/CO-OP.

APPENDIX 1

FAIRFIELD PUBLIC SCHOOLS
OCTOBER 2007/08
ENROLLMENTS BY SCHOOL BY GRADE

SCHOOL	KG	01	02	03	04	05	06	07	08	09	10	11	12	ENR
FWHS										304	333	288	282	1207
FLHS										355	354	312	341	1362
FWMS							219	177	201					597
RLMS							310	282	295					887
TMS							246	250	241					737
Burr Elem.	57	56	84	74	99	75								445
Dwight Elem.	53	56	55	64	56	56								340
Holland Hill Elem.	54	71	53	58	60	62								358
Jennings Elem.	56	63	62	55	60	57								353
McKinley Elem.	59	86	70	76	67	84								442
Mill Hill Elem.	82	73	86	79	71	74								465
N. Stratfield Elem.	84	93	78	85	82	73								495
Osborn Hill Elem.	84	86	88	90	90	81								519
Riverfield Elem.	72	81	95	74	80	71								473
Sherman Elem.	62	97	64	90	74	66								453
Stratfield Elem.	73	86	75	77	100	49								460
TOTAL	**736**	**848**	**810**	**822**	**839**	**748**	**775**	**709**	**737**	**659**	**687**	**600**	**623**	**9593**

Notes ECC and PAL/CO-OP students are not included in above figures.
McKinley enrollment does not include 20 Pre-K students.

Prepared by Applied Data Services 12/17/07

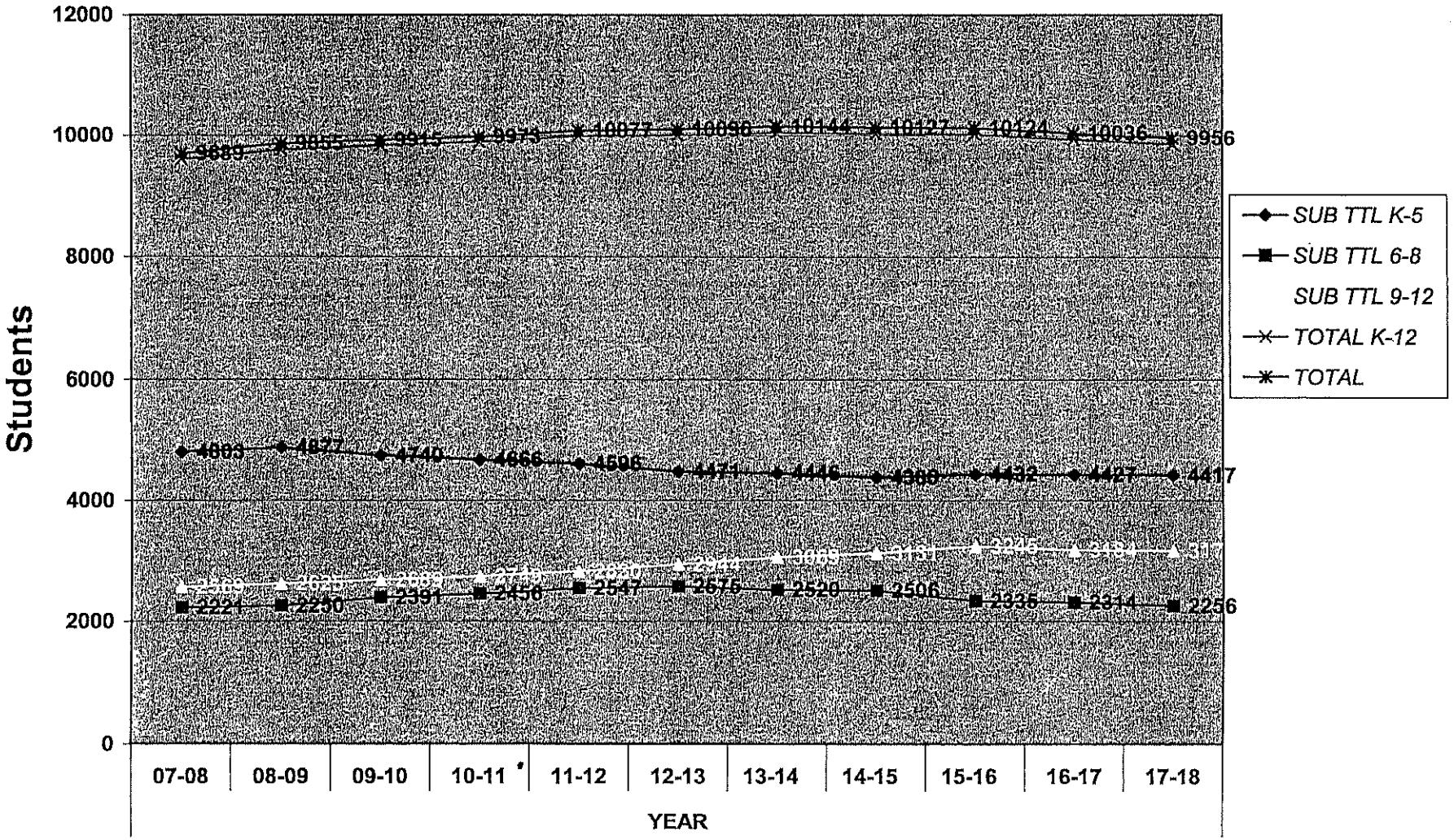
APPENDIX 2

FAIRFIELD PUBLIC SCHOOLS

FEEDER PATTERNS

Schools	Grades	Feeds	Percentage
BURR	K-5	FWMS	100.0% of its grade 5 enrollment
DWIGHT	K-5	TMS	100.0% of its grade 5 enrollment
HOLLAND	K-5	TMS	100.0% of its grade 5 enrollment
JENNINGS	K-5	FWMS	100.0% of its grade 5 enrollment
McKINLEY	K-5	RLMS	100.0% of its grade 5 enrollment
MILL HILL	K-5	TMS	100.0% of its grade 5 enrollment
N. STRATFIELD	K-5	FWMS	100.0% of its grade 5 enrollment
OSBORN HILL	K-5	RLMS	100.0% of its grade 5 enrollment
RIVERFIELD	K-5	RLMS	100.0% of its grade 5 enrollment
SHERMAN	K-5	TMS	100.0% of its grade 5 enrollment
STRATFIELD	K-5	RLMS	100.0% of its grade 5 enrollment
FWMS	6-8	FWHS	100.0% of its grade 8 enrollment
RLMS	6-8	FWHS	51.0% of its grade 8 enrollment
	6-8	FLHS	49.0% of its grade 8 enrollment
TMS	6-8	FLHS	100.0% of its grade 8 enrollment

ADS Enrollment Projections 12/2007



NESDEC

New England School Development Council

Celebrating over sixty years of service to education

TO: Jack Boyle, Deputy Superintendent of Schools, Fairfield, CT

FROM: Ellen W. Kelly, Ed.M., Donald Kennedy, Ed.D., Demographic Team

DATE: December 20, 2007

RE: Enrollment Projections

Welcome to NESDEC! We are pleased to send you the enclosed documents displaying the past, present, and projected enrollments for the Fairfield School District. We have used the figures given to us by the district and we assume that the method of collecting the enrollment data has been consistent from year to year.

This is NESDEC's first enrollment projection report for the District, and we would like to make a couple of observations about the historical data:

The enrollment has grown approximately 3% per year for the past 10 years. We note that this present year, 2007-08, Fairfield experienced in-migration at every grade level, K-8. This is the first time for all the cohort survival ratios to be above 100%. In calculating the ratios we gave some weight to this phenomenon but we will need to monitor the ratios for the next few years to determine if this is new trend. Therefore, we are projecting growth but it appears to be at a slower pace.

If your district has need for further assistance in the area of long range facilities planning, we would urge you to call so that we might discuss our planning services which include our Demographic and Long-Range Enrollment Projection Studies.

We have enclosed suggestions for interpreting the printout and a brief description of the modified cohort survival methodology used in preparing the projections. As always, we would be delighted to hear from you regarding ways in which we might make the enrollment forecasts more useful to you. Please don't hesitate to call or email us at ep@nesdec.org. Best wishes for the school year.

DEC 27 2007

28 Lord Road, Marlborough, MA 01752 ~ Tel: (508) 481-9444 ~ Fax: (508) 481-5655 ~ www.nesdec.org

SUGGESTIONS FOR ANALYZING YOUR ENROLLMENT REPORT

Historical Public Enrollments

1. After the "YEAR" column can be found the "BIRTHS" column. The number of births to residents for each of eleven years is displayed. Note any trends, e.g., have births been decreasing? increasing? leveling off? Kindergarten and Grade 1 enrollments are normally quite responsive to these fluctuations.

2. Look down the K and 1 columns and note the direction of the trend. This affords a comparison of these classes over a ten-year period. Add the K and Grade 1 enrollments of the first school year recorded, and compare them with the sum of the current K and Grade 1 enrollments.

3. Take the first K class and follow it diagonally to trace its movement to Grade 1, 2, etc. up to its current 10th grade status. This comparison (which can be accomplished for other classes also) gives some measure of the effects of migration in your school district. If a sixth grade class today is larger than it was as a K class six years ago, then in-migration has probably occurred; if it is smaller, then out-migration has probably occurred.

4. Compare each K class with the previous year's graduating class. Note which is larger and by what amount one surpasses the other. Larger graduating classes generally reflect declining enrollments; larger K classes generally indicate increasing enrollments.

5. In the "Grade Combinations" section, note the trends of elementary, middle school/junior high, and high school enrollments. A significant and consistent trend in these summaries usually results in the corresponding trend for projected enrollments. If enrollments are leveling off in the elementary grades after a period of decline, then the secondary enrollments might be expected to continue to decline for several years until the leveling off experience has had time to take hold at the secondary grades.

Enrollment Projections

1. Note the trends exhibited in the total K-12 (or 1-12) projection for the next five years as well as the projections for various grade combinations. The trends on this page should generally exhibit a continuation of the trends mentioned above for historical enrollments, although the rate of change may be quite different.

2. Look at the births in the most recent years and note whether the trend is up, down, or level..

3. Make similar comparisons as appropriate on this page as were suggested for the "Historical Public Enrollments" page.

PROJECTION METHODOLOGY

The cohort survival technique is the most frequently used method of preparing enrollment forecasts. NESDEC uses that technique, but modifies it in order to move away from forecasts which are wholly computer or formula driven. Such modification permits the incorporation of important, current town-specific information into the generation of the enrollment forecasts. Basically, percentages are calculated from the historical enrollment data to determine a reliable percentage of increase or decrease in enrollment between any two grades. For example, if 100 students enrolled in Grade 1 in 2001-02, increased to 104 students in Grade 2 in 2002-03, the percentage of survival would have been 104% or a ratio of 1.04. Such ratios are calculated between each pair of grades or years in school over several recent years.

After study and analysis of the historical ratios and based upon a reasonable set of assumptions regarding births, migration rates, retention rates, etc., ratios most indicative of future growth patterns are determined for each pair of grades. The ratios thus selected are applied to the present enrollment statistics for a pre-determined number of years.

The ratios used are the key factors in the reliability of the projections, given the validity of the data at the starting point. The strength of the ratios lies in the fact that each ratio encompasses collectively the variables that account for increases or decreases in the size of a grade enrollment as it moves on to the next grade. Each ratio represents the cumulative effect of the following factors:

1. Migration, in or out, of the schools;
2. Retention in the same grade;
3. Drop-outs, transfers, etc.;
4. Births and deaths;
5. New house construction.

GENERAL COMMENT

Projections can serve as useful guides to school administrators for educational planning. In this regard, the projections are generally most reliable when they are closest in time to the current year. Projections six to ten years out may serve as a guide to future enrollments, and are useful for facility planning purposes. However, they should be viewed as subject to change given the possibility for change in the underlying assumptions. Annual updates allow for the identification of any recent changes in historical trends.

In light of this, NESDEC urges all school districts to have updated enrollment forecasts developed by NESDEC each October. This service is available at no cost to affiliated school districts.

NEW ENGLAND SCHOOL DEVELOPMENT COUNCIL--MARLBOROUGH, MA
DATE: 12/20/07
SCHOOL DISTRICT: Fairfield, CT

HISTORICAL ENROLLMENTS BY GRADE

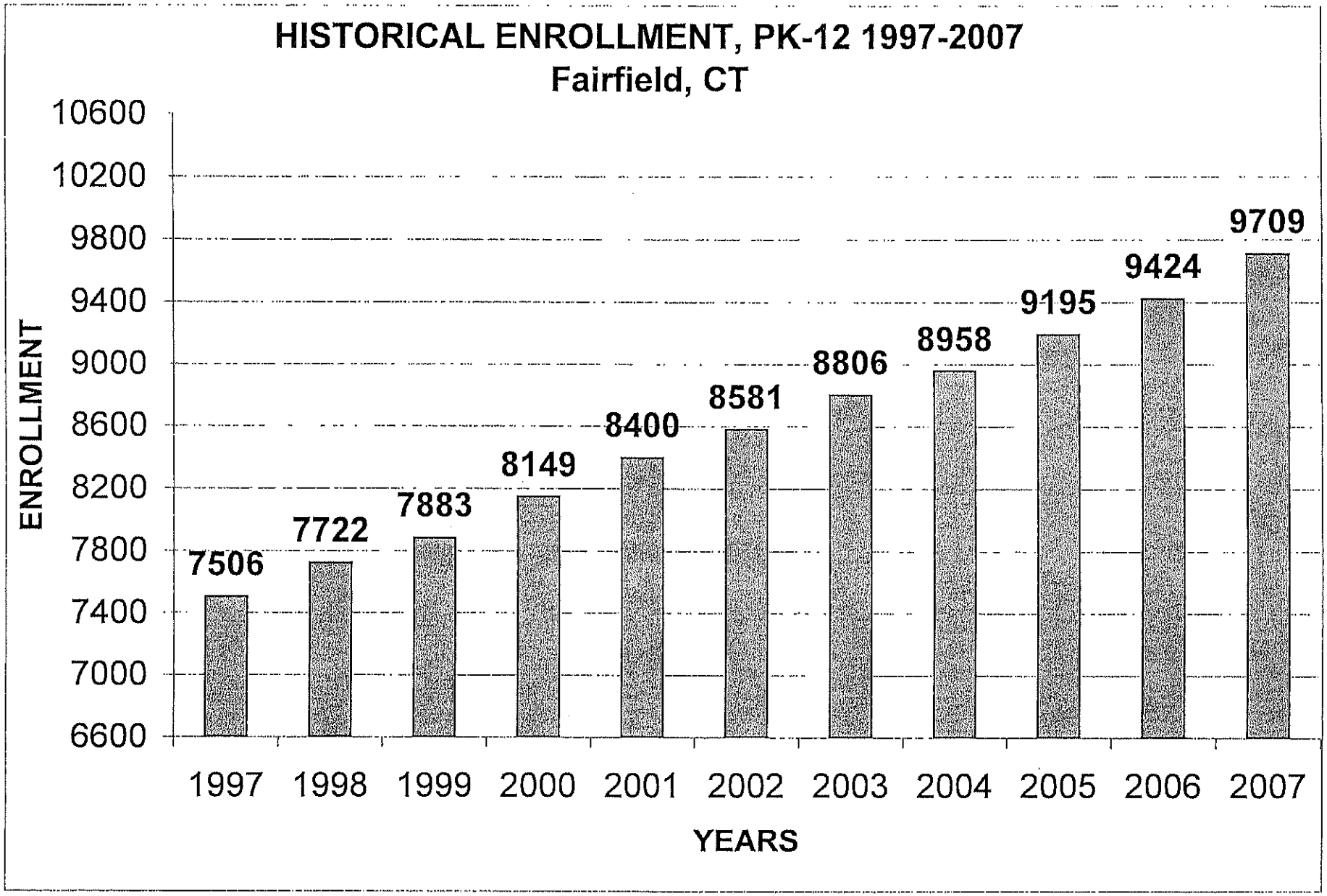
BIRTH YEAR	BIRTHS	SCHOOL YEAR	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	Ungrad	PK-12 TOTAL
1992	652	1997-98	35	671	663	708	630	657	621	592	505	519	445	456	452	407	145	7506
1993	643	1998-99	44	646	695	653	725	647	673	608	595	510	510	426	456	438	96	7722
1994	685	1999-00	28	685	674	711	654	722	646	652	609	586	470	492	420	438	96	7883
1995	717	2000-01	33	705	724	662	709	655	717	642	658	611	538	477	495	416	107	8149
1996	776	2001-02	38	736	708	720	664	699	649	714	641	661	561	552	458	483	116	8400
1997	710	2002-03	40	696	767	716	723	668	696	654	719	641	608	552	538	462	101	8581
1998	795	2003-04	41	791	721	772	715	712	650	690	660	696	608	608	533	526	83	8806
1999	727	2004-05	59	762	792	729	772	696	723	658	704	661	661	601	600	540		8958
2000	840	2005-06	72	801	806	784	716	768	689	731	661	705	652	638	586	586		9195
2001	777	2006-07	71	822	806	793	806	731	769	701	726	661	704	618	642	574		9424
2002	680	2007-08	74	736	848	810	822	839	748	775	709	737	660	701	614	636		9709

HISTORICAL ENROLLMENTS IN GRADE COMBINATIONS

SCHOOL YEAR	K-2	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
1997-98	2042	3950	4542	5566	2237	1616	1024	2784	1760
1998-99	1994	4039	4647	5752	2386	1713	1105	2935	1830
1999-00	2070	4092	4744	5939	2493	1847	1195	3015	1820
2000-01	2091	4172	4814	6083	2628	1911	1269	3195	1926
2001-02	2164	4176	4890	6192	2665	2016	1302	3356	2054
2002-03	2179	4266	4920	6280	2710	2014	1360	3520	2160
2003-04	2284	4361	5051	6407	2696	2046	1356	3631	2275
2004-05	2283	4474	5132	6497	2746	2023	1365	3767	2402
2005-06	2391	4564	5295	6661	2786	2097	1366	3828	2462
2006-07	2421	4727	5428	6815	2857	2088	1387	3925	2538
2007-08	2394	4803	5578	7024	2969	2221	1446	4057	2611

HISTORICAL ENROLLMENT DATA
ANNUAL PERCENTAGE CHANGES

Year	Total	Diff.	%
1997-98	7506		
1998-99	7722	216	2.9%
1999-00	7883	161	2.1%
2000-01	8149	266	3.4%
2001-02	8400	251	3.1%
2002-03	8581	181	2.2%
2003-04	8806	225	2.6%
2004-05	8958	152	1.7%
2005-06	9195	237	2.6%
2006-07	9424	229	2.5%
2007-08	9709	285	3.0%
TOTAL CHANGE 1997-2007		2203	29.3%


HISTORICAL ENROLLMENT, PK-12 1997-2007
Fairfield, CT
ENROLLMENT
10600
10200
9800
9400
9000
8600
8200
7800
7400
7000
6600
7506
7722
7883
8149
8400
8581
8806
8958
9195
9424
9709
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
YEARS

NEW ENGLAND SCHOOL DEVELOPMENT COUNCIL--MARLBOROUGH, MA
SCHOOL DISTRICT: Fairfield, CT
DATE: 12/20/07

ENROLLMENT PROJECTIONS BY GRADE*

BIRTH YEAR	BIRTHS	SCHOOL YEAR	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	Ungrad	PK-12 TOTAL
2002	680	2007-08	74	736	848	810	822	839	748	775	709	737	660	701	614	636		9709
2003	757	2008-09	74	795	758	848	822	838	847	757	779	713	737	647	694	608		9917
2004	638	2009-10	74	670	819	758	861	838	846	857	761	783	713	722	641	687		10030
2005	698	2010-11	74	733	690	819	769	878	846	856	861	765	783	699	715	635		10123
2006	698 (est.)	2011-12	74	733	755	690	831	784	887	856	860	865	765	767	692	708		10267
2007	678 (est.)	2012-13	74	712	755	755	700	848	792	898	860	864	865	750	759	685		10317
2008		2013-14			733	755	766	714	856	802	902	864	864	848	743	751		
2009		2014-15				733	766	781	721	866	806	907	864	847	840	736		
2010		2015-16					744	781	789	730	870	810	907	847	839	832		
2011		2016-17						759	789	798	734	874	810	889	839	831		
2012		2017-18							767	798	802	738	874	794	880	831		

PROJECTED ENROLLMENTS IN GRADE COMBINATIONS*

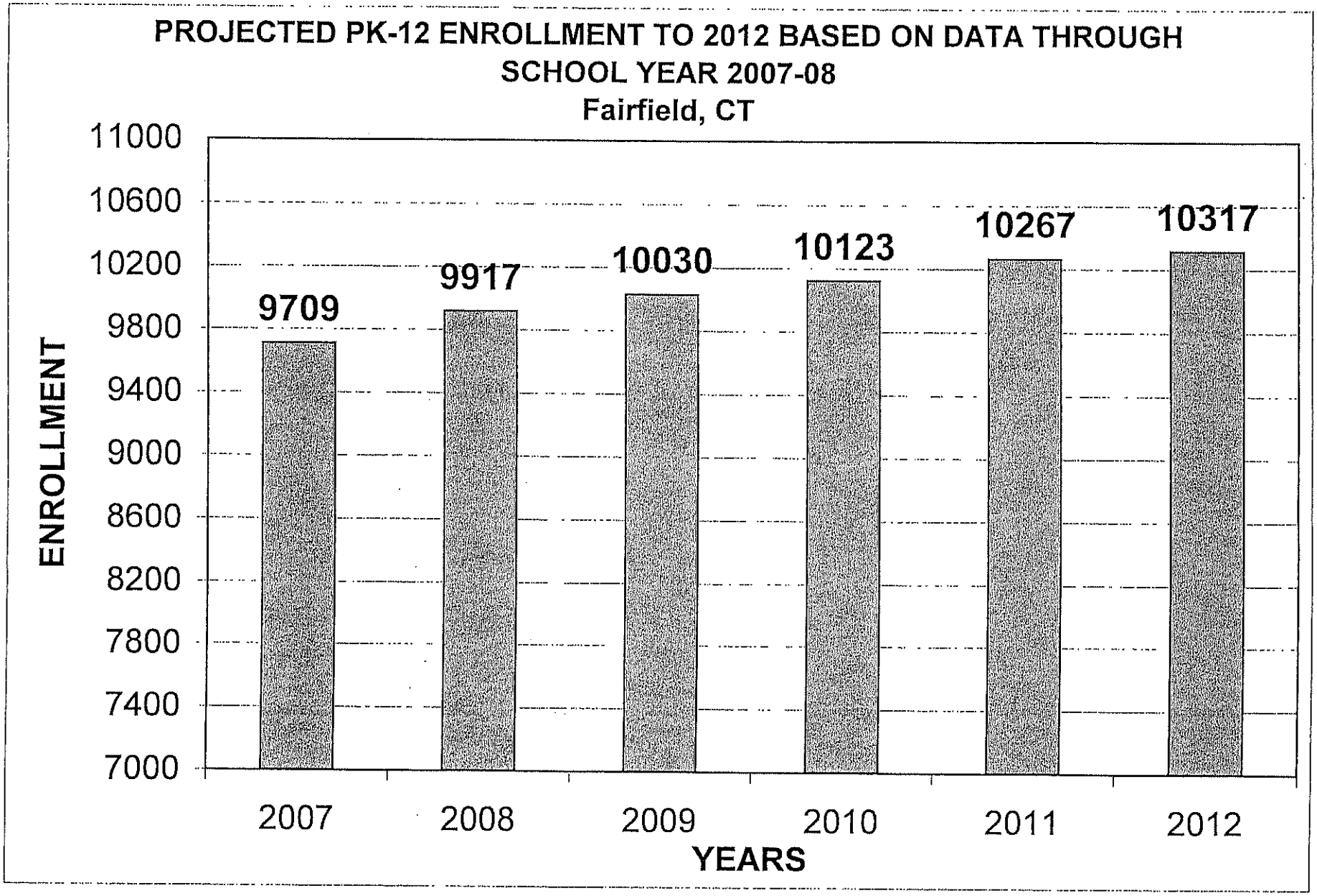
SCHOOL YEAR	K-2	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2007-08	2394	4803	5578	7024	2969	2221	1446	4057	2611
2008-09	2401	4908	5665	7157	3096	2249	1492	4178	2686
2009-10	2247	4792	5649	7193	3247	2401	1544	4307	2763
2010-11	2242	4735	5591	7217	3328	2482	1626	4458	2832
2011-12	2178	4680	5536	7261	3468	2581	1725	4657	2932
2012-13	2222	4562	5460	7184	3414	2622	1724	4783	3059
2013-14					3424	2568	1766	4972	3206
2014-15					3300	2579	1713	5000	3287
2015-16					3199	2410	1680	5105	3425
2016-17					3195	2406	1608	4977	3369
2017-18					3105	2338	1540	4919	3379

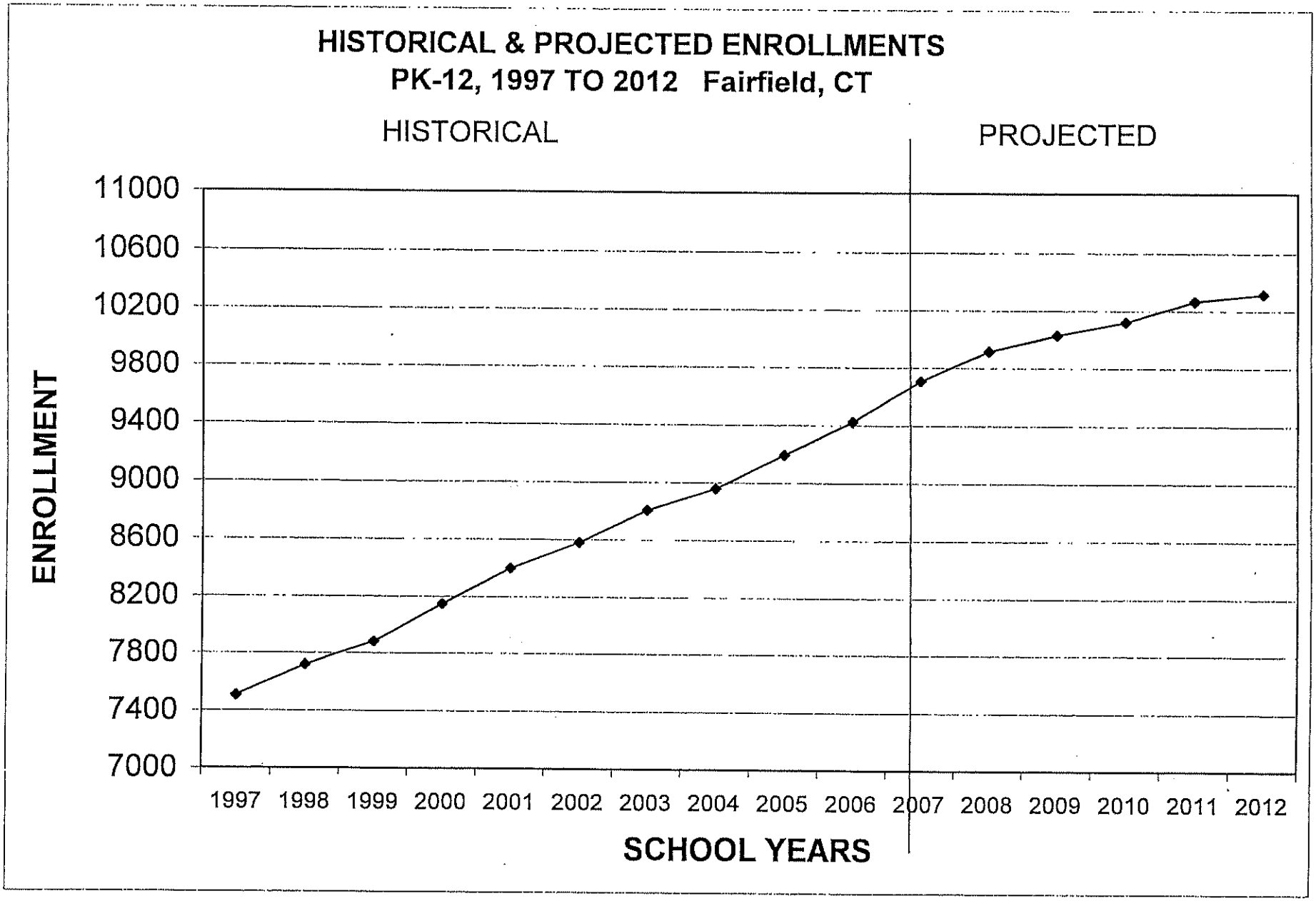
*PROJECTIONS SHOULD BE UPDATED ON AN ANNUAL BASIS

PROJECTED ENROLLMENT DATA
ANNUAL PERCENTAGE CHANGES

Years	Total	Diff.	%
2007-08	9709		
2008-09	9917	208	2.1%
2009-10	10030	113	1.1%
2010-11	10123	93	0.9%
2011-12	10267	144	1.4%
2012-13	10317	50	0.5%

TOTAL CHANGE 2007-2012 608 6.3%


PROJECTED PK-12 ENROLLMENT TO 2012 BASED ON DATA THROUGH SCHOOL YEAR 2007-08
Fairfield, CT
ENROLLMENT
11000
10600
10200
9800
9400
9000
8600
8200
7800
7400
7000
9709
9917
10030
10123
10267
10317
2007
2008
2009
2010
2011
2012
YEARS


HISTORICAL & PROJECTED ENROLLMENTS
PK-12, 1997 TO 2012 Fairfield, CT
HISTORICAL
PROJECTED
ENROLLMENT
11000
10600
10200
9800
9400
9000
8600
8200
7800
7400
7000
1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012
SCHOOL YEARS

ADDITIONAL HISTORICAL DATA: Fairfield, CT

	BUILDING PERMITS ISSUED	
	SFDU's*	MFDU's*
1997		
1998		
1999		
2000		
2001		
2002		
2003		
2004		
2005		
2006	64	72
2007		

	ENROLLMENT HISTORY	
	VOC-TECH 9-12 TOTAL	NON-PUBLIC K-12 TOTAL
1997-98		
1998-99		
1999-00		
2000-01		
2001-02		
2002-03		
2003-04		
2004-05		
2005-06		
2006-07		
2007-08		930

* SFDU = Single Family Dwelling Unit
MFDU = Multiple Family Dwelling Unit

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

New England School Development Council--Marlborough, MA Enrollment Projections
School District: Fairfield, CT By Grade*
Date: 12/20/07

BIRTH YEAR	BIRTHS	SCHOOL YEAR	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	Ungrad	PK-12 TOTAL
2002	680	2007-08	74	736	848	810	822	839	748	775	709	737	660	701	614	636		9709
					1.03	1	1.015	1.02	1.01	1.01	1.01	1.01	1	0.98	0.99	0.99		
2003	757	2008-09	74	795	758	848	822	838	847	757	779	713	737	647	694	608		9917
2004	638	2009-10	74	670	819	758	861	838	846	857	761	783	713	722	641	687		10030
2005	698	2010-11	74	733	690	819	769	878	846	856	861	765	783	699	715	635		10123
2006	698 (est)	2011-12	74	733	755	690	831	784	887	856	860	865	765	767	692	708		10267
2007	678 (est)	2012-13	74	712	755	755	700	848	792	898	860	864	865	750	759	685		10317
2008		2013-14			733	755	766	714	856	802	902	864	864	848	743	751		
2009		2014-15				733	766	781	721	866	806	907	864	847	840	736		
2010		2015-16					744	781	789	730	870	810	907	847	839	832		
2011		2016-17						759	789	798	734	874	810	889	839	831		
2012		2017-18							767	798	802	738	874	794	880	831		