



**TWO CHOICES:
PRESERVE OR DEVELOP?**

SPS Enrollment Projections

Enrollment History and Projection

NESDEC Report

School District: Sudbury, MA

10/15/2018

Enrollment Projections By Grade*																				
Birth Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-8	PK-8
2013	149		2018-19	48	239	260	274	309	279	302	335	310	298	0	0	0	0	0	2606	2654
2014	132		2019-20	50	235	255	274	279	308	283	300	334	307	0	0	0	0	0	2575	2625
2015	131		2020-21	52	233	251	269	279	278	313	281	299	331	0	0	0	0	0	2534	2586
2016	140	(prov.)	2021-22	54	249	249	265	274	278	282	311	280	296	0	0	0	0	0	2484	2538
2017	136	(est.)	2022-23	58	242	266	263	270	273	282	280	310	278	0	0	0	0	0	2464	2520
2018	138	(est.)	2023-24	58	245	259	280	267	269	277	280	279	307	0	0	0	0	0	2463	2521
2019	135	(est.)	2024-25	60	241	262	273	285	266	273	275	279	277	0	0	0	0	0	2431	2491
2020	136	(est.)	2025-26	62	242	258	276	278	284	270	271	274	277	0	0	0	0	0	2430	2492
2021	137	(est.)	2026-27	64	244	259	272	281	277	288	268	270	272	0	0	0	0	0	2431	2495
2022	136	(est.)	2027-28	66	243	261	273	277	280	281	286	267	268	0	0	0	0	0	2436	2502
2023	136	(est.)	2028-29	68	243	260	275	278	276	284	279	285	265	0	0	0	0	0	2445	2513

Note: Ungraded students (UNGR) often are HS students whose anticipated years of graduation are unknown, or students with special needs - UNGR not included in Grade Combinations for 7-12, 9-12, etc.

Based on an estimate of births

Based on children already born

Based on students already enrolled

Enrollment projections do not include Quarry North's 274 units (or Sewataro)

From SPS Superintendent's FY20 Budget Book Presentation

LS Enrollment Projections

Lincoln-Sudbury Regional High School In-School Enrollment Five Year Cohort Survival Enrollment Projection by Grade								
Grade Level	FY18 Actual Enrollment 10/1/2017	FY19 Actual Enrollment 10/1/2018	FY20 Projected Enrollment	FY21 Projected Enrollment	FY22 Projected Enrollment	FY23 Projected Enrollment	FY24 Projected Enrollment	FY25 Projected Enrollment
9	409	406	364	367	381	352	334	346
10	359	395	401	356	360	374	345	328
11	374	353	386	390	346	349	363	335
12	387	374	357	388	392	348	351	365
Total Projected Enrollment	1529	1528	1507	1501	1479	1423	1394	1374

Enrollment projections do not include Quarry North's 274 units (or Sewataro)

From LS FY20 Budget Presentation

SPS & LS Enrollment and Budget Trends

2014-2017

SPS

Enrollment decreased 4%
Budget increased 5%

LS

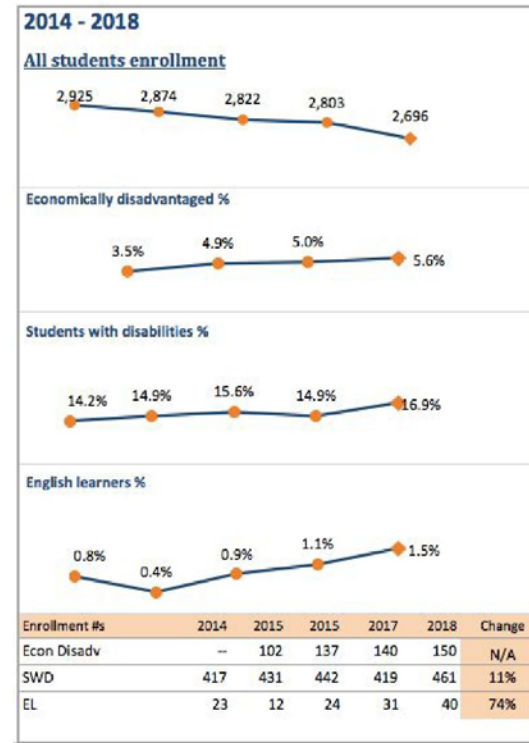
Enrollment decreased 3%
Budget increased 8%

- Budget increases are largely a factor of Sudbury's two-district structure and apportionment parameters in the Lincoln-Sudbury regional agreement, teacher contractual obligations, and annual health insurance costs
- LS FY20: "To maintain current educational program without staff reductions cannot be achieved within guidance. Operational and staff reductions plus use of reserves will be necessary in order to meet guidance." Plus a 10% increase to health insurance.

SPS 5-Year Enrollment Trends

Overall and Special Populations

Five-year enrollment trends indicate a decrease in overall enrollment with an increase in the special populations of economically disadvantaged, students with disabilities, and English Language Learners.



Source: DESE (Department of Elementary and Secondary Education) RADAR (Resource Allocation and District Allocation Reports)

From 2014 to 2018, SPS saw an 11% increase in students with disabilities and a 74% increase in English language learners. Enrollment is declining, student needs are increasing.

From SPS Superintendent's FY20 Budget Book Presentation

SPS 3-Year Budget Forecast

3-Year Budget Forecast by Function Code

	FY2020			FY2021			FY2022		
EXPENSE (DOE Function Category)	Forecast \$	+/- \$:	+/- %	Forecast \$	+/- \$:	+/- %	Forecast \$	+/- \$:	+/- %
Administration	\$ 1,387,361	\$ 7,337	0.53%	\$ 1,417,851	\$ 30,490	2.20%	\$ 1,428,765	\$ 10,914	0.77%
Instructional Leadership	\$ 3,408,766	\$ 392,589	13.02%	\$ 3,383,550	\$ (25,216)	-0.74%	\$ 3,547,496	\$ 163,946	4.85%
Teachers	\$ 19,907,291	\$ 525,982	2.71%	\$ 20,666,150	\$ 758,859	3.81%	\$ 21,459,327	\$ 793,177	3.84%
Other Teaching Services	\$ 4,572,893	\$ 366,155	8.70%	\$ 4,645,712	\$ 72,819	1.59%	\$ 4,795,585	\$ 149,873	3.23%
Professional Development	\$ 339,451	\$ 8,722	2.64%	\$ 343,535	\$ 4,084	1.20%	\$ 347,718	\$ 4,183	1.22%
Instructional Materials/Equip/Tech	\$ 676,573	\$ (59,686)	-8.11%	\$ 692,847	\$ 16,274	2.41%	\$ 709,508	\$ 16,661	2.40%
Guidance, Counseling, Testing	\$ 1,535,484	\$ 61,189	4.15%	\$ 1,605,208	\$ 69,724	4.54%	\$ 1,667,641	\$ 62,433	3.89%
Pupil Services	\$ 2,992,506	\$ 194,337	6.95%	\$ 3,126,116	\$ 133,610	4.46%	\$ 3,239,468	\$ 113,352	3.63%
Operations and Maintenance	\$ 2,472,677	\$ 18,118	0.74%	\$ 2,522,411	\$ 49,734	2.01%	\$ 2,557,217	\$ 34,806	1.38%
Fixed Charges	\$ 181,940	\$ 1,884	1.05%	\$ 183,869	\$ 1,929	1.06%	\$ 185,845	\$ 1,976	1.07%
Out-of-District Expenditures	\$ 1,060,710	\$ (440,147)	-29.33%	\$ 1,324,352	\$ 263,642	24.86%	\$ 1,503,813	\$ 179,461	13.55%
TOTAL GF FORECAST \$:	\$ 38,535,653	\$ 1,076,480	2.87%	\$ 39,911,601	\$ 1,375,948	3.57%	\$ 41,442,383	\$ 1,530,782	3.84%

Guidance from the Town is typically 2.5-3.0%.

Enrollment is down, student needs are up, budget projections are increasing.

From SPS Superintendent's FY20 Budget Book Presentation

FY17 Cost Per Student: SPS & LS

SPS: \$15,606

Lincoln-Sudbury: \$20,428

Sudbury taxes pay for:

- 100% of SPS
- 87.9% of LS (FY20)—Sudbury's assessment increases each year

School budgets account for 71% of total Town budget

Development at Sewataro: Expense Projections

Fiscal Analysis: Expenses

Number of Children	.59 children per home	0.69 children per home	0.73 children per home	1 child per home	1.25 children per home	2 children per home	2.6 children per home	3 children per home
Total Students	19	21	23	31	39	62	81	93
Cost to Educate	\$243,466	\$269,094	\$294,722	\$397,234	\$499,749	\$794,468	\$1,037,934	\$1,191,702
General municipal Cost	\$31,651	\$31,651	\$31,651	\$31,651	\$31,651	\$31,651	\$31,651	\$31,651

In this analysis, the Town is using the same conservative approach used in the Quarry North analysis and assuming a cost of \$12,814 per student.

Development at Sewataro: Expense Projections

Fiscal Analysis: Expenses

# of children	.59	.69	.73	1	1.25	2	2.6	3
Total Municipal Expenses	\$275,117	\$300,745	\$326,373	\$428,885	\$531,400	\$826,119	\$1,069,858	\$1,223,353
Excess/ (deficiency) revenue \$726,000 home	\$-73,875	\$-99,503	\$-125,131	\$-227,643	\$-330,158	\$-624,877	\$-868,343	\$-1,022,111
Excess/ (deficiency) revenue \$1,150,000	\$161,535	\$135,907	\$110,279	\$7,767	\$-94,748	\$-389,467	\$-632,933	\$-786,701
Excess/ (deficiency) Revenue \$1,400,000	\$300,337	\$274,709	\$249,081	\$146,569	\$44,054	\$-250,665	\$-494,131	\$-647,899
Excess / (deficiency) Revenue \$2,000,000	\$633,463	\$607,835	\$582,207	\$479,695	\$377,180	\$82,461	\$-161,005	\$-314,773

Development at Sewataro: Tax Implications

Options	Range Confidence	Approx. Tax Impact	Debt	Remarks
Option A - Buy and Open Space	High	\$130 + \$50 Levy	Yes	Provides future use for the town that we can't see today. Buildings, outdoor pool, athletic fields.
Option B - Buy it and Lease It	Low	\$75 to \$125	Yes	Sames as option A. Assume \$375 to \$575K revenue. Requires fund creation to use revenue to lower debt.
Option C - Develop	Med	-\$8 to \$65	No	The committee is divided as to whether the incremental operating costs will impact taxes. But will need to be paid for out of <u>increased taxes or decreased services</u> . <u>The costs are permanent</u> , however. The land is gone forever. Tax impact assumptions are based on the town manager chart for \$1.15M to \$1.4M and 1.25 to 2 students per household.

A Cautionary Tale: Hopkinton

The METROWEST
DAILY NEWS

Hopkinton schools see a rapid rise in enrollment

By Jonathan Phelps

Posted Sep 9, 2018 at 6:42 AM

Updated Sep 10, 2018 at 12:59 AM

Hopkinton Public Schools is seeing a significant increase in its student population, prompting school officials to hire more staff.

HOPKINTON — School officials knew there would be an increase in students over the summer, but not nearly 200 more than projected.

As of Aug. 31, the district's pre-K through grade 12 enrollment is about 3,722 students — 190 more than the projections prepared by the New England School Development Council (NESDEC). Such numbers were not expected until 2024, according to Superintendent Carol Cavanaugh.

The increased enrollment boosts the cost of busing and special education and puts pressure on the space in each building.

Source: MetroWest Daily News

Future impacts

- If declining enrollment is currently resulting in increasing budgets, what happens when enrollment starts increasing?
- “Volunteer transfers, targeted assignment, staffing adjustments, displacing programs, creating buffer zones, and redistricting.”
- Larger class sizes
- Budget impacts could result in:
 - Cuts to school or municipal services
 - Tax override—permanent increase to taxes
- Impacts the entire town

VOTE YES! FOR SEWATARO JUNE 4TH

*“Sewataro for
all of Sudbury”*

