



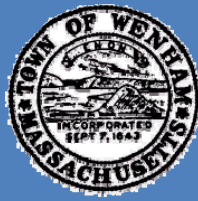
School Data Analysis

**Post BRC Review
DESE Data
July 2009 – Feb 2010**

February 25th, 2010



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



Overview

- BRC Recap Summary
 - 14 Cohort Benchmarking
- Post BRC Review – July '09
 - 5 Select + 2 Cohorts
 - Hamilton Wenham Boards of Selectmen
 - School Committee
 - D. Reid, MaryEllen Duffy, Allison Brown Collins, Suzanne James (Data)
- DESE Data Analysis
 - Review/Confirmation of BRC Data & Post BRC Review Data Sets
 - Staffing Analysis of 5 Select Cohorts



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



BRC Recap



Hamilton-Wenham BRC Report

June 17th, 2009

Lisa Kane – Chair

Dave Reid – Vice-Chair

Lynette Fallon – Secretary

Bob Bullivant, Margo Druschel, Betty Dunbar, Don Gallant, Roger Kuebel



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



BRC Recap



Hamilton-Wenham BRC Report June 17th, 2009

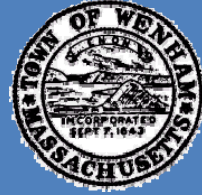


DOE Data Analysis

- 2007 DOE Data Sets
 - FY07 Expenditures Per Pupil, All Funds, Summary By Function
 - Chapter 70 Funding
 - School / District Profiles
 - Statewide Reports – MCAS / SAT Test Scores
 - Direct Special Education Expenditures
 - Special Education Profiles
 - 2008 DOE Data Sets*
 - *FY08 Expenditures Per Pupil, All Funds, Summary By Function*
 - *Statewide Reports – MCAS*
- *Preliminary Data Sets*



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



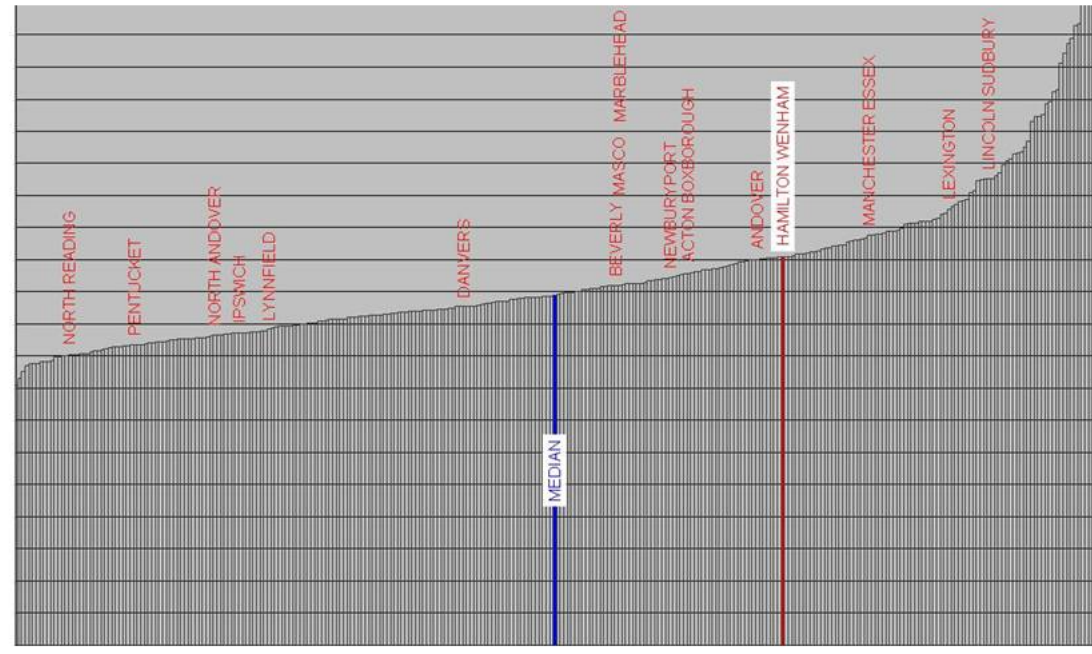
BRC Recap



Hamilton-Wenham BRC Report June 17th, 2009



Initial HWRSD & Cohort Expenditure Ranking





School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



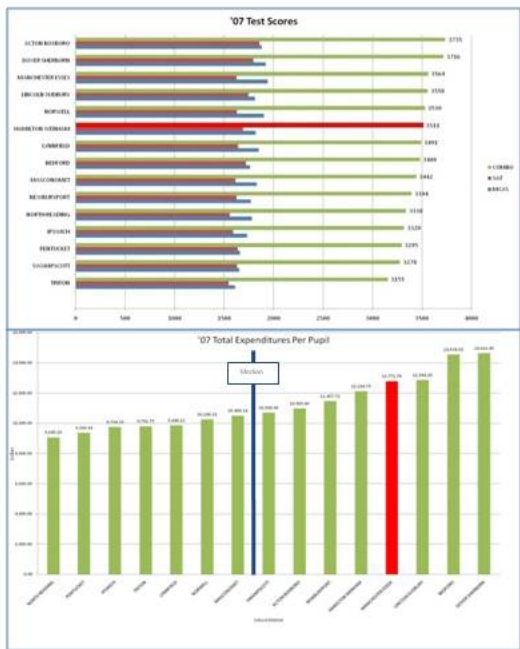
BRC Recap



Hamilton-Wenham BRC Report June 17th, 2009



BRC Cohort Review

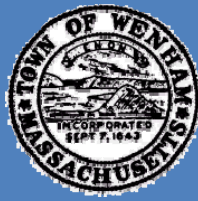


- HWRSD MCAS/SAT
 - Normalized combined score
 - State Avg “3000”
 - 1500 MCAS / 1500 SAT
 - HWRSD **3511** (1820/1691)
 - Cohort **3450** (1792/1658)

- Per Pupil Expenditures
 - HWRSD **\$12,105**
(108%/114% to cohort avg/med)
 - Cohort Average \$11,171
 - Cohort Median \$10,588



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



BRC Recap



Hamilton-Wenham BRC Report June 17th, 2009



BRC Summary Findings & Recommendations

- Next Steps

- The two towns and the school district need to agree upon and proceed with a RFP for a detailed 3rd Party Review of Instructional Operations at HWRSD to clarify gap between district and cohorts.
- Other opportunities include:
 - Enhanced “early budget info to the townspeople process”
 - Review of state funding options
 - Continue to pursue fair share at Chapter 70 level
- The two towns and school district need to institute a renewed collaborative environment and develop a concise direction for the school educational policies and budgets, and present a singular vision in a clear voice to the residents of the two towns.



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



Post BRC Review – July '09

- Executive Summary
 - In order to focus the follow-up review of the BRC recommendations and to decide on options for consultants for further data review, the Hamilton and Wenham Boards of Selectmen held a joint meeting with the School Committee in July 09
 - Reviewed data sets for 5 Select +2 Cohort Districts :
 - Community Socio-Economic Profiling
 - Financial Profiling
 - Educational Profiling
 - Student/School Profiling
 - School Financials
 - 2007 School Financials (subset of the BRC data sets)
 - 2008 School Financials (preliminary review)



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010

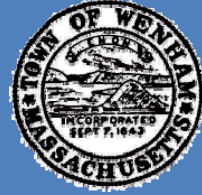


Post BRC Review – Cohort Socio-Economic Profiles

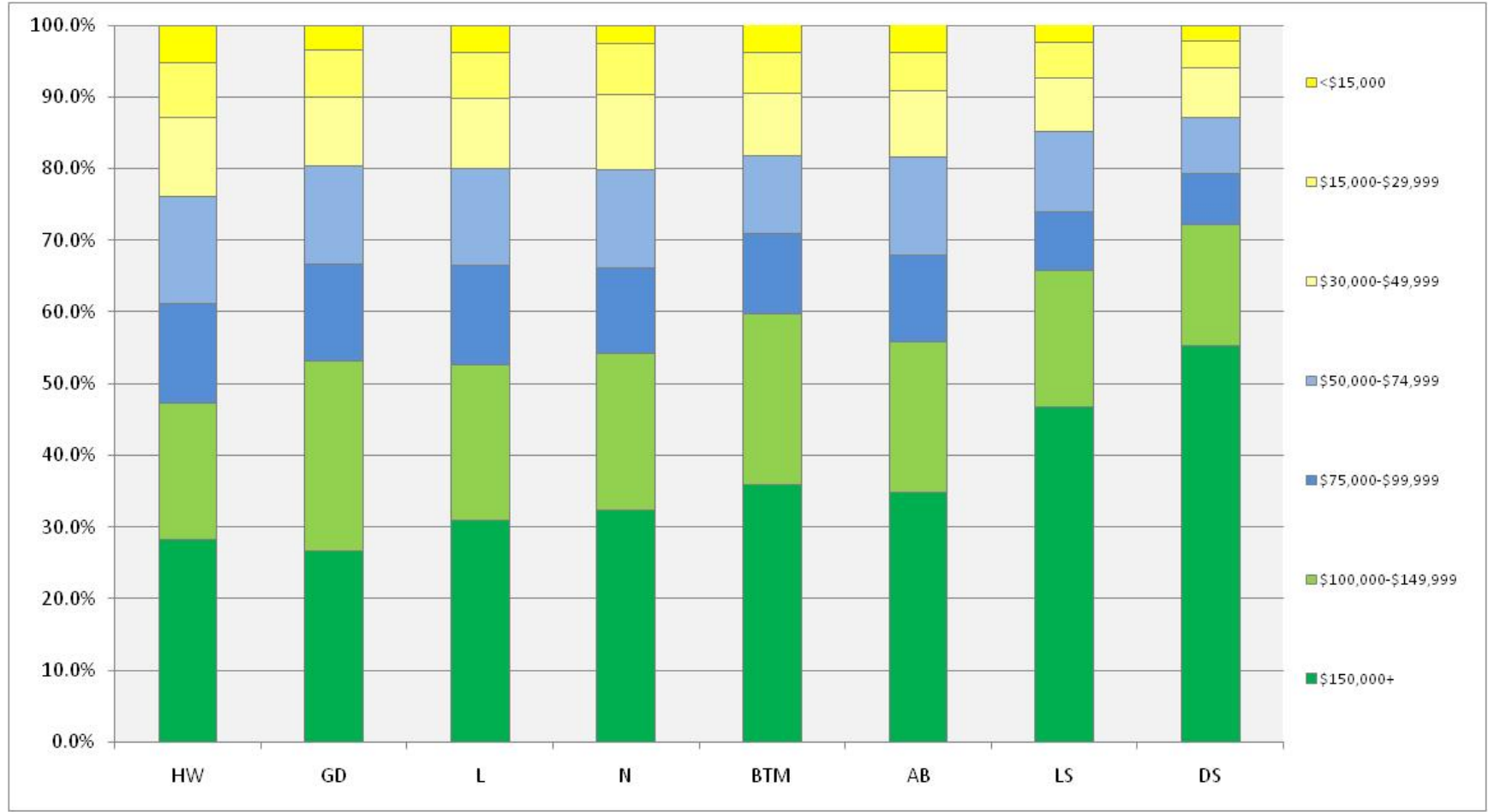
Community Summary	HW	GD	L	N	BTM	AB	LS	DS
Population	12700	12700	12000	10000	21500	31500	23000	9800
Households	3850	4170	4000	3300	6700	11357	7304	3200
Households w/ Children	41%	48%	35%	40%	43%	44%	49%	48%
Average Household Income	\$133,637	\$120,891	\$139,027	\$151,819	\$151,967	\$151,932	\$218,830	\$255,237
Median Household Income	\$96,461	\$104,713	\$105,460	\$109,032	\$123,309	\$113,227	\$150,560	\$173,534
\$100,000+	47.3%	53.1%	52.6%	54.2%	59.8%	55.9%	65.7%	72.1%
\$50,000-\$99,999	28.7%	27.3%	27.4%	25.6%	21.9%	25.7%	19.4%	15.0%
<\$50,000	24.0%	19.6%	20.0%	20.2%	18.4%	18.5%	15.0%	12.9%
Population Education Background								
Post Secondary Education	78%	77%	74%	77%	74%	87%	89%	90%
College 4yr Degree	55%	55%	53%	54%	52%	73%	76%	78%



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010

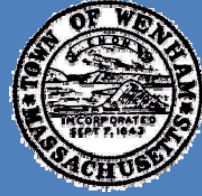


Post BRC Review – Cohort Socio-Economic Profiles





School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



Post BRC Review – Cohort Student/School Profiles

Community Summary	HW	GD	L	N	BTM	AB	LS	DS
Student Test Scores	3511	3533	3491	3530	3442	3735	3558	3716
MCAS	182	189	185	190	183	188	181	192
SAT	1691	1643	1641	1630	1612	1855	1748	1796
National Recognition			Y	Y		Y		Y
Student Plans College	95%	92%	96%	99%	96%	98%	96%	99%
4 Year Private College	48%	40%	48%	65%	51%	61%	70%	68%
4 Year Public College	35%	37%	36%	32%	34%	34%	23%	27%
2 Year Private College	4%	5%	0%	1%	1%	1%	2%	0%
2 Year Public College	7%	11%	9%	1%	8%	3%	3%	3%
School Structure	REG-2	REG-2	TOWN	TOWN	REG-3	REG-2	REG-2	REG-2
Students	2196	3006	2305	2300	4721	6041	6196	2196
STR	12.6	14.9	14.8	15.7	14.3	16.8	12.1	11.9
Teachers	171	196	154	144	325	351	494	181
Grade School	PK-5 (3)	K-4 (3)	K-5 (2)	PK-5 (2)				
Middle School	M6-8 (1)	M5-8 (1)	M6-8 (1)	M6-8 (1)				
High School	H9-12 (1)	H9-12 (1)	H9-12 (1)	H9-12 (1)				



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



Post BRC Review – Cohort School PPE Profiles

Community Summary	HW	GD	L	N	BTM	AB	"Comp5"	HW Delta
Per Pupil Expenditures 2007	\$12,105	\$10,284	\$9,840	\$10,248	\$10,488	\$10,970	\$10,366	(\$1,739)
Inside the District	\$11,467	\$9,786	\$9,214	\$9,784	\$10,063	\$10,282	\$9,826	(\$1,641)
Admin	\$425	\$440	\$405	\$386	\$306	\$459	\$399	(\$26)
Instructional	\$7,808	\$5,740	\$5,914	\$5,711	\$6,215	\$5,918	\$5,900	(\$1,908)
Instructional Leadership	\$745	\$807	\$566	\$606	\$758	\$633	\$674	(\$71)
Teachers	\$5,000	\$3,463	\$4,162	\$3,817	\$4,218	\$3,766	\$3,885	(\$1,115)
Other Teaching	\$1,026	\$812	\$656	\$716	\$609	\$921	\$743	(\$283)
Prof Dev	\$163	\$197	\$81	\$150	\$81	\$81	\$118	(\$45)
Mat's/Equip	\$439	\$182	\$184	\$135	\$293	\$231	\$205	(\$234)
Guidance/Testing	\$435	\$279	\$265	\$287	\$256	\$286	\$275	(\$160)
Pupil Services	\$1,174	\$1,064	\$798	\$917	\$993	\$1,260	\$1,006	(\$168)
Operations/Maintenance	\$785	\$980	\$732	\$1,117	\$1,077	\$950	\$971	\$186
Ins/Retirement	\$1,275	\$1,562	\$1,365	\$1,653	\$1,471	\$1,695	\$1,549	\$274



School Data Analysis – Post BRC Review & DESE Data

July 2009 – Feb 2010



Post BRC Review – Cohort School PPE Profiles

Community Summary	HW	GD	L	N	BTM	AB	"Comp5"	HW Delta
Per Pupil Expenditures 2008	\$12,460	\$10,790	\$10,332	\$10,812	\$11,238	\$11,352	\$10,905	(\$1,555)
Inside the District	\$11,809	\$10,296	\$9,885	\$10,169	\$10,713	\$10,464	\$10,306	(\$1,503)
Admin	\$415	\$463	\$488	\$407	\$367	\$462	\$437	\$23
Instructional	\$8,091	\$5,987	\$6,167	\$5,847	\$6,645	\$6,028	\$6,135	(\$1,956)
Instructional Leadership	\$875	\$750	\$593	\$650	\$786	\$648	\$685	(\$190)
Teachers	\$5,195	\$3,608	\$4,326	\$3,862	\$4,380	\$3,891	\$4,013	(\$1,181)
Other Teaching	\$1,036	\$920	\$666	\$742	\$724	\$942	\$799	(\$237)
Prof Dev	\$202	\$193	\$93	\$148	\$114	\$68	\$123	(\$79)
Mat's/Equip	\$335	\$247	\$226	\$183	\$349	\$193	\$240	(\$96)
Guidance/Testing	\$447	\$269	\$262	\$263	\$292	\$286	\$274	(\$173)
Pupil Services	\$1,037	\$1,065	\$848	\$902	\$998	\$1,175	\$997	(\$39)
Operations/Maintenance	\$825	\$986	\$867	\$1,224	\$1,078	\$1,001	\$1,031	\$206
Ins/Retirement	\$1,441	\$1,795	\$1,514	\$1,789	\$1,626	\$1,799	\$1,704	\$264



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



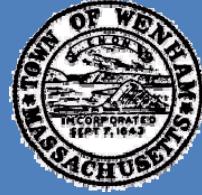
Post BRC Review – Summary

- Joint Meeting
 - Hamilton Board of Selectmen
 - Wenham Board of Selectmen
 - School Committee

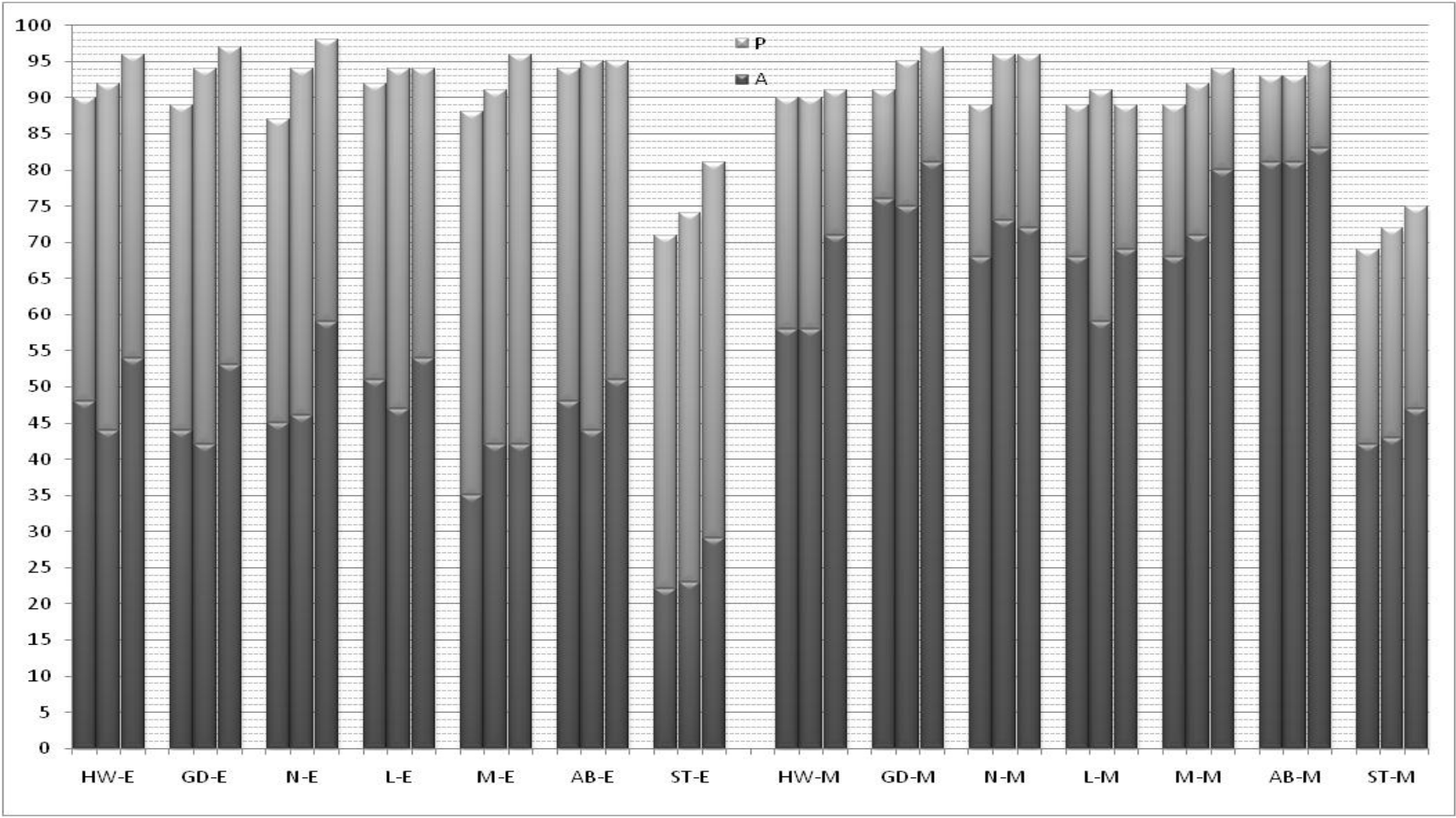
- Decision to Further Investigate the HW/Cohort Comparison
 - Consultant Option - \$\$ Issues
 - School Admin recommended a contact at DESE Finance
 - DESE Finance recommended an information resource in DESE
 - Office of Strategic Planning, Research and Evaluation
Commonwealth of MA Dept of Elementary and Secondary Education
 - Working Group Established
 - L.Swartz, D.Carey, D.Reid , M.McGrath, L.Gaquin, A.McCloughan, S.Carleton



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010

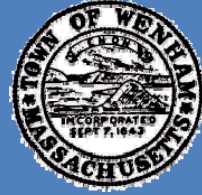


Cohort School MCAS Results

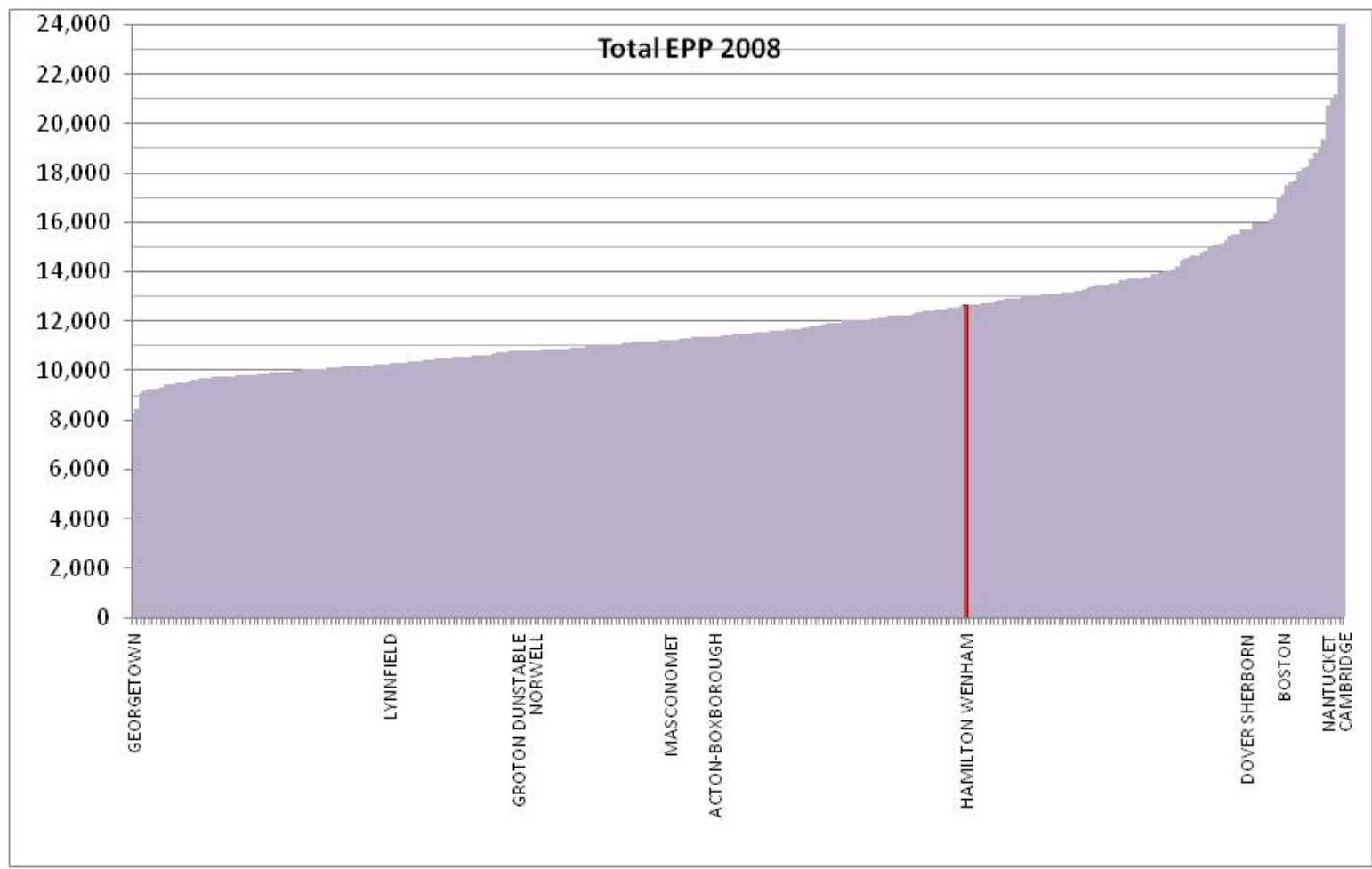




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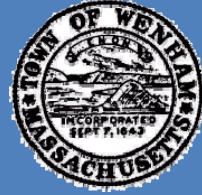


Financials – 2008 Cohort Positioning

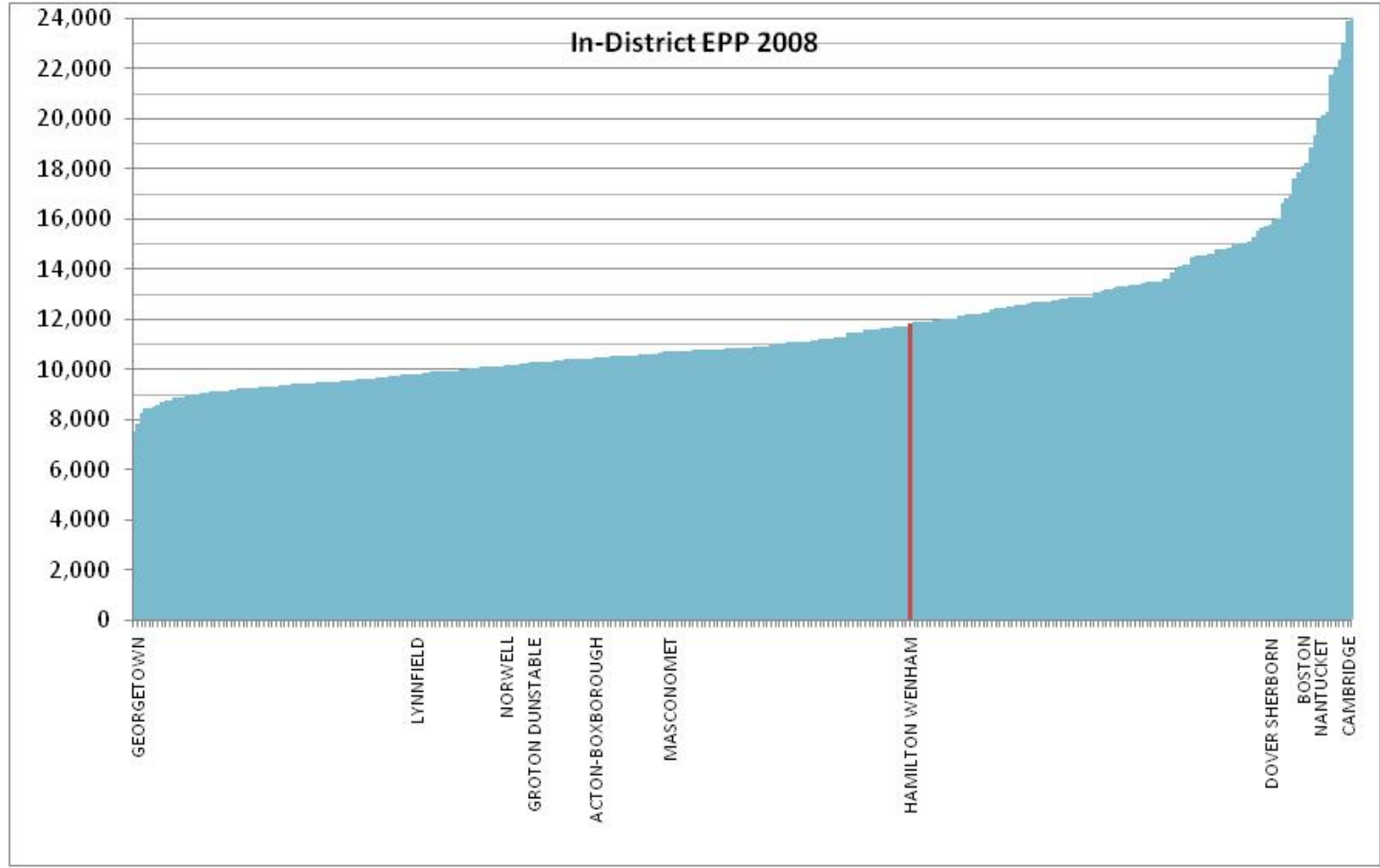




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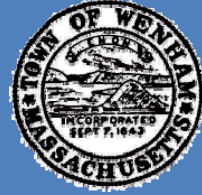
Financials – 2008 Cohort Positioning



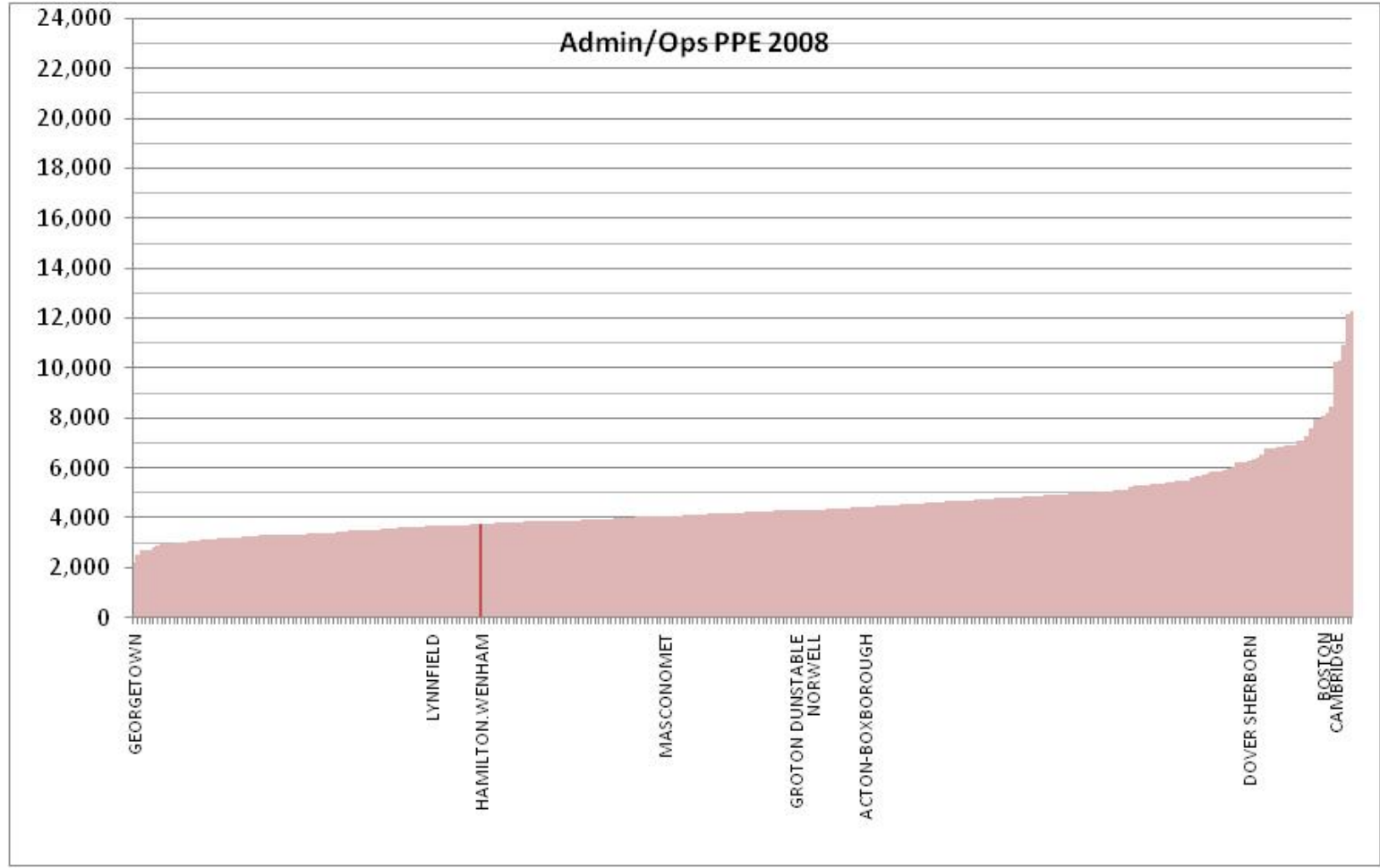


School Data Analysis – Post BRC Review & DESE Data

July 2009 – Feb 2010

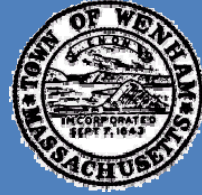


Financials – 2008 Cohort Positioning

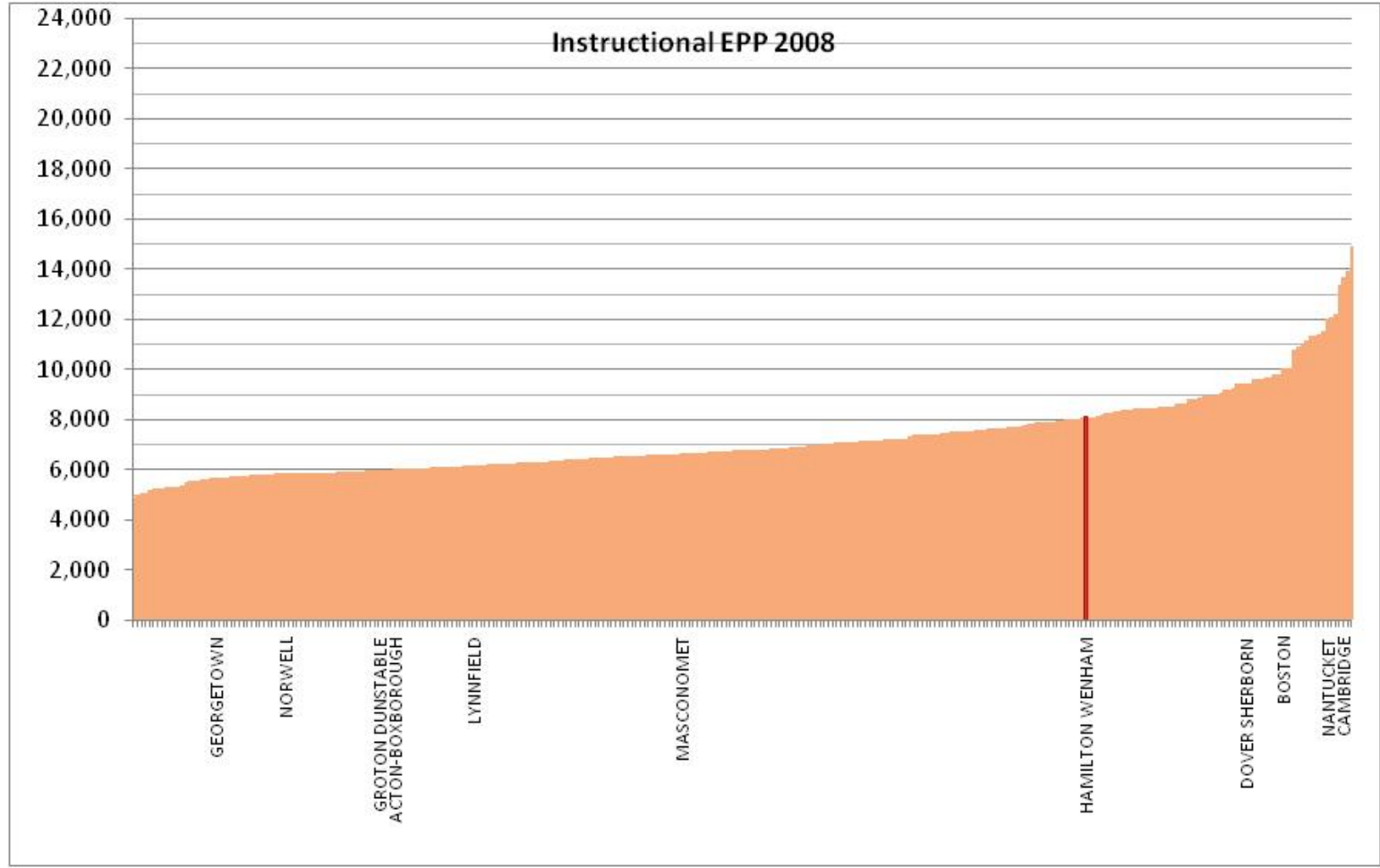




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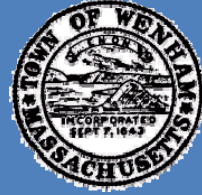


Financials – 2008 Cohort Positioning

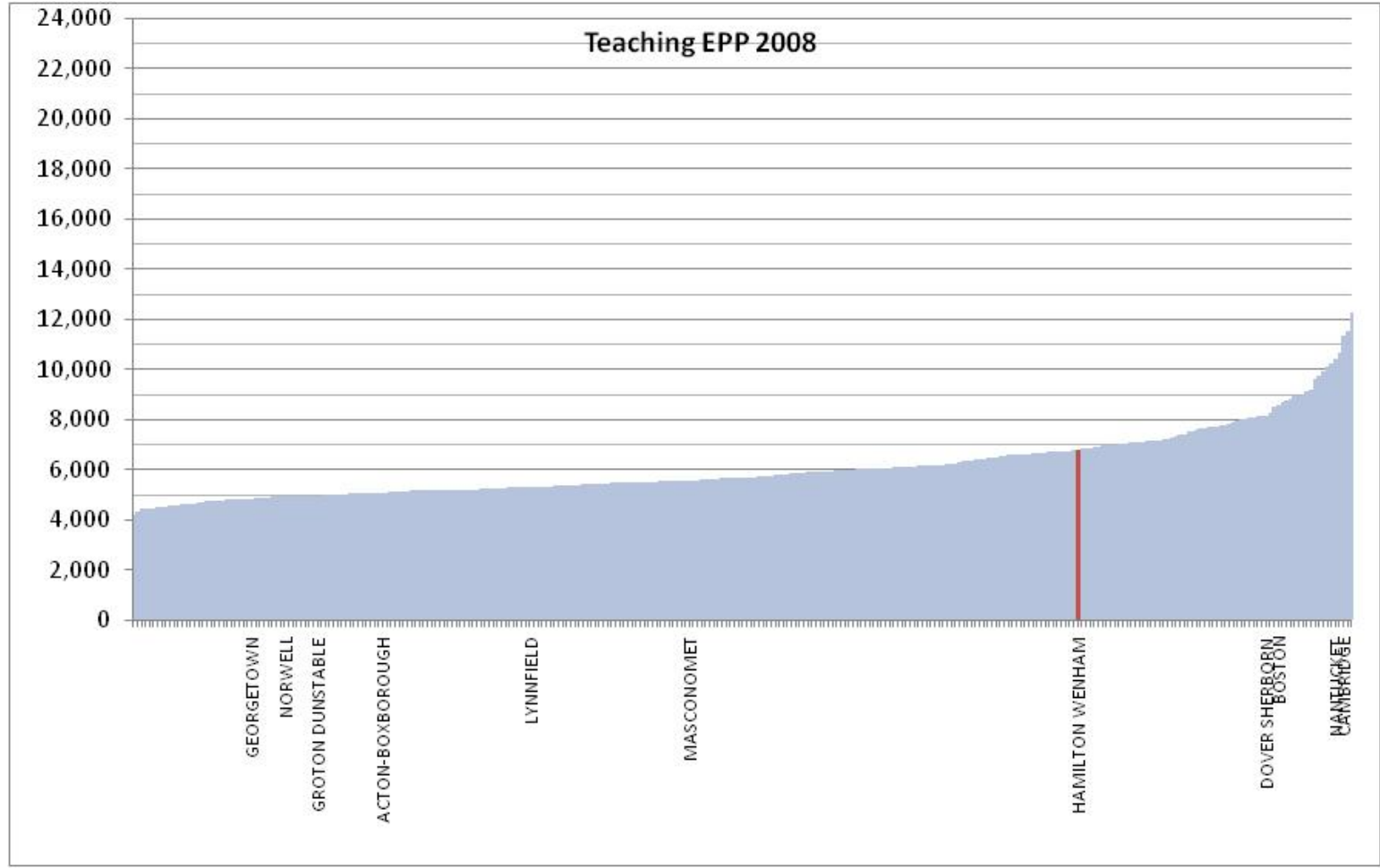




School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



Financials – 2008 Cohort Positioning





School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



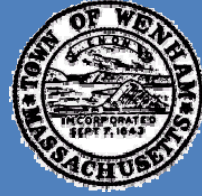
DESE Cohort Staffing Data Analysis

- DESE Data Sets
 - DESE has specific staffing data sets that are reported by the schools, but are not published on the DESE website due to the complexity of the information
 - DESE assigned resource in effort to develop a working data set that could also be used by other districts for similar benchmarking efforts
 - DESE - Sarah Carleton
 - Created a series of analytical data sets from the DESE databases to create a variety of staffing report formats, which were provided to the working group for review and adjustment for form and function, to enhance inter-district comparisons
 - A variety of detailed staffing and STRs data sets were developed (8/09 – 2/10):
 - Cohorts for FY08 and FY09, and H-W for FY08, FY09 and FY10
 - Categorized into District, School, Function, Subject level comparisons
 - DESE & School District reviewed working files for anomalies (tweaks for FY09/10)
 - Final Data Set provided to working group on FEB 12TH, 2010



School Data Analysis – Post BRC Review & DESE Data

July 2009 – Feb 2010



DESE Data Sets – District Function FTEs

District Staffing in Full-time Equivalents (FTEs)													
Enrollment and Staffing Summary	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Students	2,097	2,080	2,026	2,339	2,361	2,306	2,327	2,896	2,814	6,054	6,040	4,647	4,643
SPED Students	332	324	296	243	246	375	355	325	345	806	823	626	662
All Staff	288.4	297.5	294.0	269.8	275.1	230.6	236.7	312.1	325.9	658.8	679.5	564.9	566.2
Administrators	20.5	22.1	19.5	18.8	18.5	14.5	13.5	19.0	16.8	34.1	34.6	36.7	36.1
Teachers	159.0	163.3	162.7	152.3	149.7	138.3	142.3	180.9	180.1	347.0	352.7	317.5	316.6
Staff Categories	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Staff	288.4	297.5	294.0	269.8	275.1	230.6	236.7	312.1	325.9	658.8	679.5	564.9	566.2
District Administrators	10.3	9.8	8.3	12.3	12.0	5.0	5.0	5.0	5.0	20.7	19.4	19.0	15.4
School Administrators	10.2	12.3	11.2	6.5	6.5	9.5	8.5	14.0	11.8	13.4	15.2	17.7	20.7
Clerical	19.7	20.2	18.6	23.9	24.5	19.1	20.1	23.7	23.6	51.5	59.0	44.1	43.2
General Education Teachers - Major Subjects	98.7	98.4	98.5	104.1	101.1	92.8	95.9	122.4	110.7	239.4	232.9	204.1	198.9
General Education Teachers - Other Subjects	35.7	37.1	33.6	27.9	27.4	27.4	28.6	38.4	46.6	65.3	77.9	60.9	61.9
SPED Teachers	24.6	27.8	30.5	20.2	21.2	17.8	17.8	19.2	22.8	40.7	39.9	51.4	55.8
Paraprofessionals	61.2	59.5	61.5	44.4	47.7	35.2	31.1	56.8	73.8	171.7	175.9	82.2	82.6
General Education Professional Services	14.5	16.0	14.1	9.3	9.4	10.6	10.6	19.2	18.8	29.6	32.1	23.9	23.7
SPED Professionals and Services	13.5	15.5	17.7	14.4	14.4	11.9	12.1	12.5	11.8	24.3	25.1	25.0	25.7



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



DESE Data Sets – District Function Staffing Ratios

Enrollment and Staffing - District Comparisons													
Enrollment and Staffing Summary	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Students	2,097	2,080	2,026	2,339	2,361	2,306	2,327	2,896	2,814	6,054	6,040	4,647	4,643
SPED Students	332	324	296	243	246	375	355	325	345	806	823	626	662
All Staff	288.4	297.5	294.0	269.8	275.1	230.6	236.7	312.1	325.9	658.8	679.5	564.9	566.2
Administrators	20.5	22.1	19.5	18.8	18.5	14.5	13.5	19.0	16.8	34.1	34.6	36.7	36.1
Teachers	159.0	163.3	162.7	152.3	149.7	138.3	142.3	180.9	180.1	347.0	352.7	317.5	316.6
Student/Staff Ratios <i>all students/staff FTEs</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
All Staff	7.3	7.0	6.9	8.7	8.6	10.0	9.8	9.3	8.6	9.2	8.9	8.2	8.2
District Administrators	203.6	212.2	242.9	190.2	196.8	461.2	465.4	579.2	562.8	292.0	310.9	244.6	301.5
School Administrators	205.6	169.1	181.4	359.8	363.2	241.5	273.8	206.9	238.5	451.8	397.4	262.5	224.3
Clerical	106.5	103.0	108.9	97.8	96.3	120.7	115.8	122.0	119.0	117.7	102.3	105.3	107.4
General Education Teachers - Major Subjects	21.2	21.1	20.6	22.5	23.4	24.8	24.3	23.7	25.4	25.3	25.9	22.8	23.3
General Education Teachers - Other Subjects	58.8	56.1	60.3	83.7	86.2	84.0	81.5	75.5	60.4	92.7	77.6	76.3	75.0
SPED Teachers	85.3	74.9	66.4	115.8	111.4	129.6	130.7	151.2	123.7	148.7	151.4	90.3	83.1
Paraprofessionals	34.3	35.0	33.0	52.7	49.5	65.5	74.8	51.0	38.2	35.3	34.3	56.5	56.2
General Education Professional Services	144.5	130.0	144.2	250.4	251.7	217.5	219.5	151.1	149.9	204.5	187.9	194.4	195.9
SPED Professionals and Services	155.2	134.2	114.4	162.1	164.2	193.8	192.3	231.7	238.5	248.7	240.4	185.6	180.8



School Data Analysis – Post BRC Review & DESE Data

July 2009 – Feb 2010



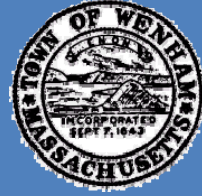
DESE Data Sets – District Subject FTEs

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SPED Students	332	324	296	243	246	375	355	325	345	806	823	626	662
Teachers	159.0	163.3	162.7	152.3	149.7	138.3	142.3	180.9	180.1	347.0	352.7	317.5	316.6
Teachers by Subjects	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
Primary Teachers (elem classrooms)	43.6	43.1	38.1	40.8	38.8	44.0	43.5	46.0	42.5	113.5	114.6	101.3	96.5
ELA/Reading	17.3	19.3	20.6	20.5	18.4	14.8	15.9	23.1	17.6	37.0	29.8	32.7	34.1
Math	12.9	13.3	13.7	15.4	15.2	11.0	12.5	18.9	19.6	28.4	28.6	26.0	25.3
Science	11.9	10.4	11.5	13.7	14.7	11.7	12.4	18.1	16.5	30.1	29.1	22.5	23.0
Social Studies	13.0	12.4	14.6	13.8	14.0	11.4	11.6	16.3	14.5	30.4	30.7	21.5	20.0
Arts	10.1	11.3	10.6	8.9	8.9	8.8	9.3	13.6	13.7	20.1	20.0	22.3	23.2
Languages	9.1	10.8	10.2	9.1	8.0	8.8	9.4	9.8	8.8	22.6	24.2	17.3	19.3
Other Subjects	16.4	15.0	12.8	10.0	10.4	9.8	9.9	15.0	24.2	22.6	33.7	21.3	19.4
Special Education	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All SPED Teachers	24.6	27.8	30.5	20.2	21.2	17.8	17.8	19.2	22.8	40.7	39.9	51.4	55.8



School Data Analysis – Post BRC Review & DESE Data

July 2009 – Feb 2010



DESE Data Sets – District Subject Staffing Ratios

Enrollment and Staffing - District Comparisons													
Enrollment and Staffing Summary	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Students	2,097	2,080	2,026	2,339	2,361	2,306	2,327	2,896	2,814	6,054	6,040	4,647	4,643
SPED Students	332	324	296	243	246	375	355	325	345	806	823	626	662
Teachers	159.0	163.3	162.7	152.3	149.7	138.3	142.3	180.9	180.1	347.0	352.7	317.5	316.6
Student/Classroom Teacher Ratios <i>all students/general education classroom teachers</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
Primary Teachers (elem classrooms)	48.1	48.3	53.1	57.3	60.9	52.4	53.5	63.0	66.2	53.3	52.7	45.9	48.1
ELA/Reading	121.4	107.6	98.4	114.4	128.5	155.9	146.4	125.3	159.6	163.6	202.7	142.3	136.1
Math	162.1	156.8	147.9	151.9	155.3	210.6	186.2	153.1	143.6	213.2	210.8	178.7	183.5
Science	175.6	200.2	175.7	170.7	160.6	196.4	187.7	160.2	170.6	201.1	207.2	206.1	202.3
Social Studies	161.7	168.2	139.0	169.5	168.6	203.2	200.6	177.9	194.3	199.1	196.6	215.6	231.6
Arts	206.8	184.8	191.9	264.0	264.1	260.9	251.2	212.5	205.3	300.6	302.4	208.0	200.2
Languages	229.4	192.3	198.6	257.9	293.3	262.0	247.6	296.7	321.6	267.9	249.6	268.6	240.6
Other Subjects	129.5	140.7	157.9	233.9	231.5	235.3	235.1	193.6	169.0	273.9	242.8	228.9	252.6
Student/Staff Ratios - Special Education <i>SPED students/SPED staff</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All SPED Teachers	13.5	11.7	9.7	12.0	11.6	21.1	19.9	17.0	15.2	19.8	20.6	12.2	11.9



School Data Analysis – Post BRC Review & DESE Data

July 2009 – Feb 2010



DESE Data Sets – Elementary – Staffing Ratios

Enrollment and Staffing - Elementary Level													
Enrollment	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Students	871	868	857	964	953	1,159	1,148	1,108	1,066	3,132	3,082	2,547	2,496
SPED Students	130	132	118	83	84	183	163	136	151	444	437	383	403
Student/Staff Ratios <i>all students/staff FTEs</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
All Staff	6.9	7.0	6.6	8.9	8.7	11.2	10.9	8.6	7.8	8.9	8.6	7.9	7.6
All Teachers	13.6	14.0	13.5	16.4	16.8	18.9	18.6	17.4	16.6	17.9	17.5	13.7	13.3
Administrators	290.3	177.1	179.8	459.0	453.8	386.3	382.7	221.6	266.5	522.0	440.3	180.6	161.0
Clerical	290.3	289.3	255.3	190.5	204.4	269.5	267.0	203.7	231.2	344.2	240.2	215.8	199.7
General Education Teachers - Major Subjects	18.4	19.4	20.5	22.4	23.4	25.2	25.0	27.7	25.1	23.5	24.3	20.1	20.2
Arts, Languages, Other Subjects	131.6	151.3	158.8	174.0	165.8	221.2	206.3	475.5	84.2	184.6	122.3	128.1	113.9
Paraprofessionals	20.1	20.1	19.9	30.7	30.8	48.3	60.7	29.0	22.8	23.6	22.7	31.0	30.2
General Education Professional Services	143.7	127.6	138.2	280.2	273.9	289.8	287.0	144.5	143.9	240.9	226.6	257.3	257.3
Student/Classroom Teacher Ratios <i>all students/general education classroom teachers</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
Primary Teachers (elem classrooms)	20.1	20.4	22.6	23.6	24.6	26.3	26.4	29.9	25.1	27.6	26.9	25.1	25.9
Student/Staff Ratios - Special Education <i>SPED students/SPED staff</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
All SPED Teachers	12.9	11.2	7.2	8.1	8.2	18.3	16.3	19.4	16.8	18.3	18.8	10.1	9.6



School Data Analysis – Post BRC Review & DESE Data

July 2009 – Feb 2010



DESE Data Sets – Middle School – Staffing Ratios

Enrollment and Staffing - Middle School Level													
Enrollment	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Students	511	486	471	715	759	504	537	931	917	961	1,000	701	731
SPED Students	85	73	78	85	91	94	91	112	123	141	144	97	101
Student/Staff Ratios <i>all students/staff FTEs</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Staff	9.1	8.5	8.2	11.0	11.4	10.3	10.1	10.5	9.9	11.3	10.8	9.8	10.0
Administrators	127.8	135.0	162.4	357.5	379.5	252.0	268.5	232.8	229.3	320.3	333.3	350.5	228.4
Clerical	204.4	243.0	471.0	178.8	189.8	252.0	179.0	276.3	209.8	247.7	257.7	350.5	365.5
General Education Teachers - Major Subjects	25.8	24.0	22.0	26.3	26.4	23.7	23.1	23.4	24.7	30.0	29.4	27.5	29.2
Arts, Languages, Other Subjects	54.1	37.8	43.7	76.1	80.4	52.6	55.9	71.4	79.8	52.6	52.6	53.9	60.4
Paraprofessionals	54.4	71.5	45.3	79.4	69.0	63.0	59.7	73.9	45.9	71.4	63.7		
General Education Professional Services	340.7	324.0	235.5	420.6	446.5	252.0	268.5	133.0	133.7	192.2	160.0	140.2	146.2
Student/Classroom Teacher Ratios <i>all students/general education classroom teachers</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
ELA/Reading	87.5	68.1	68.5	74.5	75.9	81.4	81.4	85.6	86.3	120.1	116.3	93.5	104.4
Math	98.3	91.7	110.0	115.3	118.6	97.9	95.9	93.3	86.5	120.1	116.3	100.1	104.4
Science	116.1	151.6	107.0	137.5	122.4	101.8	95.9	98.1	107.9	120.1	119.0	116.8	121.8
Social Studies	116.1	105.7	80.7	115.3	122.4	101.8	99.4	98.5	123.1	120.1	119.0	140.2	146.2
Arts	239.9	107.7	123.8	372.4	381.0	252.0	268.5	136.9	139.5	247.7	250.1	226.1	195.5
Languages	173.8	121.0	117.8	267.8	286.4	168.0	179.0	255.8	343.4	120.1	125.0	140.2	130.5
Other Subjects and Supporting Teachers	54.1	37.8	43.7	76.1	80.4	52.6	55.9	71.4	79.8	52.6	52.6	53.9	60.4
Student/Staff Ratios - Special Education <i>SPED students/SPED staff</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All SPED Teachers	13.7	10.7	13.0	14.2	15.2	24.7	23.9	17.3	14.5	20.7	20.6	18.7	15.0



School Data Analysis – Post BRC Review & DESE Data

July 2009 – Feb 2010



DESE Data Sets – High School – Staffing Ratios

Enrollment and Staffing - High School Level													
Enrollment	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Students	715.0	726.0	698.0	660.0	649.0	643.0	642.0	857.0	831.0	1,961.0	1,958.0	1,399.0	1,416.0
SPED Students	117.0	119.0	100.0	75.0	71.0	98.0	101.0	77.0	71.0	221.0	242.0	146.0	158.0
Student/Staff Ratios <i>all students/staff FTEs</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Staff	7.9	7.5	7.8	9.6	9.1	11.2	10.8	10.9	10.4	11.2	10.9	10.1	10.0
Administrators	86.1	98.1	98.3	275.0	270.4	252.2	256.8	171.4	218.7	445.7	376.5	349.8	321.8
Clerical	127.7	129.6	139.5	96.4	94.7	134.0	133.7	193.5	227.0	132.1	117.5	77.7	81.4
General Education Teachers - Major Subjects	22.7	21.6	19.7	20.0	20.5	25.1	24.0	26.7	26.8	26.5	27.1	26.8	28.0
Arts, Languages, Other Subjects	36.5	39.3	40.1	50.8	53.2	51.0	47.9	41.8	37.0	65.2	58.2	49.9	50.8
Paraprofessionals	83.2	75.6	86.2	165.0	111.9	200.9	200.6	142.8	118.7	77.4	79.7		
General Education Professional Services	102.9	94.3	119.3	157.1	154.5	139.8	139.6	190.4	184.7	169.1	159.2	155.4	157.3
Student/Classroom Teacher Ratios <i>all students/general education classroom teachers</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
ELA/Reading	92.6	71.2	64.0	75.4	86.5	97.4	94.4	110.7	118.7	103.2	107.6	106.0	107.3
Math	92.4	91.1	82.9	80.5	83.2	110.9	93.0	96.0	92.3	119.6	114.8	112.8	124.2
Science	97.4	101.1	97.8	77.6	76.4	94.7	94.4	99.8	103.9	102.7	110.3	101.4	99.7
Social Studies	85.4	93.4	79.9	86.8	83.2	100.5	103.5	125.5	118.2	101.1	101.3	109.3	120.0
Arts	179.2	241.8	221.4	165.0	162.3	200.9	194.5	215.3	214.5	338.7	351.5	180.5	222.6
Languages	115.3	106.8	112.6	103.1	120.2	110.9	100.3	140.0	136.7	134.3	120.9	139.9	124.2
Other Subjects and Supporting Teachers	76.0	83.7	86.7	253.8	231.8	178.1	173.5	82.4	66.4	202.2	164.9	135.8	140.2
Student/Staff Ratios - Special Education <i>SPED students/SPED staff</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All SPED Teachers	14.1	13.0	12.5	18.8	14.2	24.5	25.3	18.5	13.5	23.0	25.2	17.7	22.3



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010

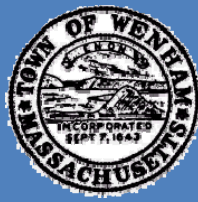


Key Considerations

- The DOE gives general guidance as to the coding of information
 - But does not enforce its guidelines and not all communities comply
- The DOE has five coding options for each teacher
 - This can distort intra-community comparisons when it comes to student teacher ratios.



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



Facts

- Over the last three years HWRSD has reduced FTEs for regular education
- HWRSD has increased FTEs in Special Education (approximately 7-8 over three years) to build up our in-district program. We have saved \$1.6M in out of district tuition because of this investment.



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



Key Findings

- A decline in enrollment; we have 71 fewer students across the district vs FY 2008
- In the analysis our Special Education FTEs are coded as regular education FTEs because of the function they perform versus the nature of the program they are associated with.
- This affects FTEs for programs such as ASPIRE, IRWL, and Learning Skills. It causes our regular education Student/FTE ratios to appear lower than they actually are.

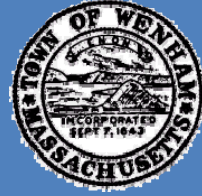
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School Data Analysis – Post BRC Review & DESE Data

July 2009 – Feb 2010

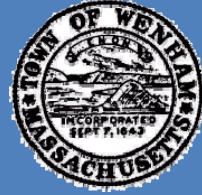


DESE Data Sets – District Function FTEs

District Staffing in Full-time Equivalents (FTEs)													
Enrollment and Staffing Summary	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Students	2,097	2,080	2,026	2,339	2,361	2,306	2,327	2,896	2,814	6,054	6,040	4,647	4,643
SPED Students	332	324	296	243	246	375	355	325	345	806	823	626	662
All Staff	288.4	297.5	294.0	269.8	275.1	230.6	236.7	312.1	325.9	658.8	679.5	564.9	566.2
Administrators	20.5	22.1	19.5	18.8	18.5	14.5	13.5	19.0	16.8	34.1	34.6	36.7	36.1
Teachers	159.0	163.3	162.7	152.3	149.7	138.3	142.3	180.9	180.1	347.0	352.7	317.5	316.6
Staff Categories	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Staff	288.4	297.5	294.0	269.8	275.1	230.6	236.7	312.1	325.9	658.8	679.5	564.9	566.2
District Administrators	10.3	9.8	8.3	12.3	12.0	5.0	5.0	5.0	5.0	20.7	19.4	19.0	15.4
School Administrators	10.2	12.3	11.2	6.5	6.5	9.5	8.5	14.0	11.8	13.4	15.2	17.7	20.7
Clerical	19.7	20.2	18.6	23.9	24.5	19.1	20.1	23.7	23.6	51.5	59.0	44.1	43.2
General Education Teachers - Major Subjects	98.7	98.4	98.5	104.1	101.1	92.8	95.9	122.4	110.7	239.4	232.9	204.1	198.9
General Education Teachers - Other Subjects	35.7	37.1	33.6	27.9	27.4	27.4	28.6	38.4	46.6	65.3	77.9	60.9	61.9
SPED Teachers	24.6	27.8	30.5	20.2	21.2	17.8	17.8	19.2	22.8	40.7	39.9	51.4	55.8
Paraprofessionals	61.2	59.5	61.5	44.4	47.7	35.2	31.1	56.8	73.8	171.7	175.9	82.2	82.6
General Education Professional Services	14.5	16.0	14.1	9.3	9.4	10.6	10.6	19.2	18.8	29.6	32.1	23.9	23.7
SPED Professionals and Services	13.5	15.5	17.7	14.4	14.4	11.9	12.1	12.5	11.8	24.3	25.1	25.0	25.7



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010

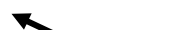


DESE Data Sets – District Function FTEs

District Staffing			
Enrollment and Staffing Summary	Hamilton-Wenham		
	FY08	FY09	FY10
All Students	2,097	2,080	2,026
SPED Students	332	324	296
All Staff	288.4	297.5	294.0
Administrators	20.5	22.1	19.5
Teachers	159.0	163.3	162.7
Staff Categories	Hamilton-Wenham		
	FY08	FY09	FY10
All Staff	288.4	297.5	294.0
District Administrators	10.3	9.8	8.3
School Administrators	10.2	12.3	11.2
Clerical	19.7	20.2	18.6
General Education Teachers - Major Subjects	98.7	98.4	98.5
General Education Teachers - Other Subjects	35.7	37.1	33.6
SPED Teachers	24.6	27.8	30.5
Paraprofessionals	61.2	59.5	61.5
General Education Professional Services	14.5	16.0	14.1
SPED Professionals and Services	13.5	15.5	17.7

FY08	FY09	FY10
2,097	2,080	2,026

FY09	FY10
22.1	19.5





School Data Analysis – Post BRC Review & DESE Data

July 2009 – Feb 2010

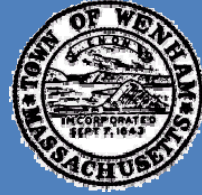


DESE Data Sets – Elementary – Staffing Ratios

Enrollment and Staffing - Elementary Level													
Enrollment	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Students	871	868	857	964	953	1,159	1,148	1,108	1,066	3,132	3,082	2,547	2,496
SPED Students	130	132	118	83	84	183	163	136	151	444	437	383	403
Student/Staff Ratios <i>all students/staff FTEs</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
All Staff	6.9	7.0	6.6	8.9	8.7	11.2	10.9	8.6	7.8	8.9	8.6	7.9	7.6
All Teachers	13.6	14.0	13.5	16.4	16.8	18.9	18.6	17.4	16.6	17.9	17.5	13.7	13.3
Administrators	290.3	177.1	179.8	459.0	453.8	386.3	382.7	221.6	266.5	522.0	440.3	180.6	161.0
Clerical	290.3	289.3	255.3	190.5	204.4	269.5	267.0	203.7	231.2	344.2	240.2	215.8	199.7
General Education Teachers - Major Subjects	18.4	19.4	20.5	22.4	23.4	25.2	25.0	27.7	25.1	23.5	24.3	20.1	20.2
Arts, Languages, Other Subjects	131.6	151.3	158.8	174.0	165.8	221.2	206.3	475.5	84.2	184.6	122.3	128.1	113.9
Paraprofessionals	20.1	20.1	19.9	30.7	30.8	48.3	60.7	29.0	22.8	23.6	22.7	31.0	30.2
General Education Professional Services	143.7	127.6	138.2	280.2	273.9	289.8	287.0	144.5	143.9	240.9	226.6	257.3	257.3
Student/Classroom Teacher Ratios <i>all students/general education classroom teachers</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
Primary Teachers (elem classrooms)	20.1	20.4	22.6	23.6	24.6	26.3	26.4	29.9	25.1	27.6	26.9	25.1	25.9
Student/Staff Ratios - Special Education <i>SPED students/SPED staff</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
All SPED Teachers	12.9	11.2	7.2	8.1	8.2	18.3	16.3	19.4	16.8	18.3	18.8	10.1	9.6



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



DESE Data Sets – Elementary – Staffing Ratios

Enrollment	Enrollment an		
	Hamilton-Wenham		
	FY08	FY09	FY10
All Students	871	868	857
SPED Students	130	132	118
Student/Staff Ratios <i>all students/staff FTEs</i>	Hamilton-Wenham		
	FY08	FY09	FY10
All Staff	6.9	7.0	6.6
All Teachers	13.6	14.0	13.5
Administrators	290.3	177.1	179.8
Clerical	290.3	289.3	255.3
General Education Teachers - Major Subjects	18.4	19.4	20.5
Arts, Languages, Other Subjects	131.6	151.3	158.8
Paraprofessionals	20.1	20.1	19.9
General Education Professional Services	143.7	127.6	138.2
Student/Classroom Teacher Ratios <i>all students/general education classroom teachers</i>	Hamilton-Wenham		
	FY08	FY09	FY10
Primary Teachers (elem classrooms)	20.1	20.4	22.6
Student/Staff Ratios - Special Education <i>SPED students/SPED staff</i>	Hamilton-Wenham		
	FY08	FY09	FY10
All SPED Teachers	12.9	11.2	7.2

FY08	FY09	FY10
18.4	19.4	20.5
131.6	151.3	158.8

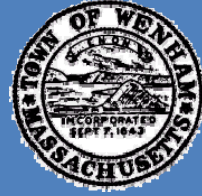


FY08	FY09	FY10
20.1	20.4	22.6





School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010

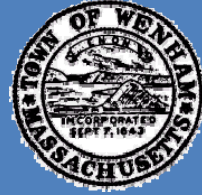


DESE Data Sets – Middle School – Staffing Ratios

Enrollment and Staffing - Middle School Level													
Enrollment	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Students	511	486	471	715	759	504	537	931	917	961	1,000	701	731
SPED Students	85	73	78	85	91	94	91	112	123	141	144	97	101
Student/Staff Ratios <i>all students/staff FTEs</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Staff	9.1	8.5	8.2	11.0	11.4	10.3	10.1	10.5	9.9	11.3	10.8	9.8	10.0
Administrators	127.8	135.0	162.4	357.5	379.5	252.0	268.5	232.8	229.3	320.3	333.3	350.5	228.4
Clerical	204.4	243.0	471.0	178.8	189.8	252.0	179.0	276.3	209.8	247.7	257.7	350.5	365.5
General Education Teachers - Major Subjects	25.8	24.0	22.0	26.3	26.4	23.7	23.1	23.4	24.7	30.0	29.4	27.5	29.2
Arts, Languages, Other Subjects	54.1	37.8	43.7	76.1	80.4	52.6	55.9	71.4	79.8	52.6	52.6	53.9	60.4
Paraprofessionals	54.4	71.5	45.3	79.4	69.0	63.0	59.7	73.9	45.9	71.4	63.7		
General Education Professional Services	340.7	324.0	235.5	420.6	446.5	252.0	268.5	133.0	133.7	192.2	160.0	140.2	146.2
Student/Classroom Teacher Ratios <i>all students/general education classroom teachers</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
ELA/Reading	87.5	68.1	68.5	74.5	75.9	81.4	81.4	85.6	86.3	120.1	116.3	93.5	104.4
Math	98.3	91.7	110.0	115.3	118.6	97.9	95.9	93.3	86.5	120.1	116.3	100.1	104.4
Science	116.1	151.6	107.0	137.5	122.4	101.8	95.9	98.1	107.9	120.1	119.0	116.8	121.8
Social Studies	116.1	105.7	80.7	115.3	122.4	101.8	99.4	98.5	123.1	120.1	119.0	140.2	146.2
Arts	239.9	107.7	123.8	372.4	381.0	252.0	268.5	136.9	139.5	247.7	250.1	226.1	195.5
Languages	173.8	121.0	117.8	267.8	286.4	168.0	179.0	255.8	343.4	120.1	125.0	140.2	130.5
Other Subjects and Supporting Teachers	54.1	37.8	43.7	76.1	80.4	52.6	55.9	71.4	79.8	52.6	52.6	53.9	60.4
Student/Staff Ratios - Special Education <i>SPED students/SPED staff</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All SPED Teachers	13.7	10.7	13.0	14.2	15.2	24.7	23.9	17.3	14.5	20.7	20.6	18.7	15.0



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



DESE Data Sets – Adjusted Middle School – Staffing Ratios

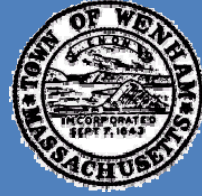
Enrollment	Hamilton-Wenham				Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10		FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Students	511	486	471		715	759	504	537	931	917	961	1,000	701	731
SPED Students	85	73	78	Adjusted All students/Regular education teachers FTEs	85	91	94	91	112	123	141	144	97	101
Student/Classroom Teacher Ratios	Hamilton-Wenham				Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
<i>all students/general education classroom teachers</i>	FY08	FY09	FY10		FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
ELA/Reading	87.5	68.1	68.5	107.0	74.5	75.9	81.4	81.4	85.6	86.3	120.1	116.3	93.5	104.4
Math	98.3	91.7	110.0	117.8	115.3	118.6	97.9	95.9	93.3	86.5	120.1	116.3	100.1	104.4
Science	116.1	151.6	107.0	107.0	137.5	122.4	101.8	95.9	98.1	107.9	120.1	119.0	116.8	121.8
Social Studies	116.1	105.7	80.7	117.8	115.3	122.4	101.8	99.4	98.5	123.1	120.1	119.0	140.2	146.2
Arts	239.9	107.7	123.8		372.4	381.0	252.0	268.5	136.9	139.5	247.7	250.1	226.1	195.5
Languages	173.8	121.0	117.8		267.8	286.4	168.0	179.0	255.8	343.4	120.1	125.0	140.2	130.5
Other Subjects and Supporting Teachers	54.1	37.8	43.7		76.1	80.4	52.6	55.9	71.4	79.8	52.6	52.6	53.9	60.4
Student/Staff Ratios - Special Education	Hamilton-Wenham				Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
<i>SPED students/SPED staff</i>	FY08	FY09	FY10		FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All SPED Teachers	13.7	10.7	13.0	Adjusted SPED students/SPED teachers FTE	14.2	15.2	24.7	23.9	17.3	14.5	20.7	20.6	18.7	15.0
SPED Professionals and Services	25.8	22.2	24.2		34.0	36.4	182.0		65.9		61.3	42.4	48.5	37.4

4.6 FTEs move from Regular Education to Special Education which changes the ratios



School Data Analysis – Post BRC Review & DESE Data

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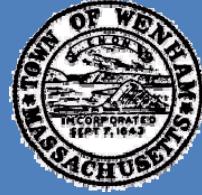


DESE Data Sets – High School – Staffing Ratios

Enrollment and Staffing - High School Level													
Enrollment	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Students	715.0	726.0	698.0	660.0	649.0	643.0	642.0	857.0	831.0	1,961.0	1,958.0	1,399.0	1,416.0
SPED Students	117.0	119.0	100.0	75.0	71.0	98.0	101.0	77.0	71.0	221.0	242.0	146.0	158.0
Student/Staff Ratios <i>all students/staff FTEs</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All Staff	7.9	7.5	7.8	9.6	9.1	11.2	10.8	10.9	10.4	11.2	10.9	10.1	10.0
Administrators	86.1	98.1	98.3	275.0	270.4	252.2	256.8	171.4	218.7	445.7	376.5	349.8	321.8
Clerical	127.7	129.6	139.5	96.4	94.7	134.0	133.7	193.5	227.0	132.1	117.5	77.7	81.4
General Education Teachers - Major Subjects	22.7	21.6	19.7	20.0	20.5	25.1	24.0	26.7	26.8	26.5	27.1	26.8	28.0
Arts, Languages, Other Subjects	36.5	39.3	40.1	50.8	53.2	51.0	47.9	41.8	37.0	65.2	58.2	49.9	50.8
Paraprofessionals	83.2	75.6	86.2	165.0	111.9	200.9	200.6	142.8	118.7	77.4	79.7		
General Education Professional Services	102.9	94.3	119.3	157.1	154.5	139.8	139.6	190.4	184.7	169.1	159.2	155.4	157.3
Student/Classroom Teacher Ratios <i>all students/general education classroom teachers</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
ELA/Reading	92.6	71.2	64.0	75.4	86.5	97.4	94.4	110.7	118.7	103.2	107.6	106.0	107.3
Math	92.4	91.1	82.9	80.5	83.2	110.9	93.0	96.0	92.3	119.6	114.8	112.8	124.2
Science	97.4	101.1	97.8	77.6	76.4	94.7	94.4	99.8	103.9	102.7	110.3	101.4	99.7
Social Studies	85.4	93.4	79.9	86.8	83.2	100.5	103.5	125.5	118.2	101.1	101.3	109.3	120.0
Arts	179.2	241.8	221.4	165.0	162.3	200.9	194.5	215.3	214.5	338.7	351.5	180.5	222.6
Languages	115.3	106.8	112.6	103.1	120.2	110.9	100.3	140.0	136.7	134.3	120.9	139.9	124.2
Other Subjects and Supporting Teachers	76.0	83.7	86.7	253.8	231.8	178.1	173.5	82.4	66.4	202.2	164.9	135.8	140.2
Student/Staff Ratios - Special Education <i>SPED students/SPED staff</i>	Hamilton-Wenham			Lynnfield		Norwell		Groton-Dunstable		Acton-Boxborough		Masconomet	
	FY08	FY09	FY10	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09	FY08	FY09
All SPED Teachers	14.1	13.0	12.5	18.8	14.2	24.5	25.3	18.5	13.5	23.0	25.2	17.7	22.3



School Data Analysis – Post BRC Review & DESE Data July 2009 – Feb 2010



DESE Data Sets – High School – Staffing Ratios

Enrollment and			
Enrollment	Hamilton-Wenham		
	FY08	FY09	FY10
All Students	715.0	726.0	698.0
SPED Students	117.0	119.0	100.0
Student/Staff Ratios <i>all students/staff FTEs</i>	Hamilton-Wenham		
	FY08	FY09	FY10
All Staff	7.9	7.5	7.8
Administrators	86.1	98.1	98.3
Clerical	127.7	129.6	139.5
General Education Teachers - Major Subjects	22.7	21.6	19.7
Arts, Languages, Other Subjects	36.5	39.3	40.1
Paraprofessionals	83.2	75.6	86.2
General Education Professional Services	102.9	94.3	119.3
Student/Classroom Teacher Ratios <i>all students/general education classroom teachers</i>	Hamilton-Wenham		
	FY08	FY09	FY10
ELA/Reading	92.6	71.2	64.0
Math	92.4	91.1	82.9
Science	97.4	101.1	97.8
Social Studies	85.4	93.4	79.9
Arts	179.2	241.8	221.4
Languages	115.3	106.8	112.6
Other Subjects and Supporting Teachers	76.0	83.7	86.7
Student/Staff Ratios - Special Education <i>SPED students/SPED staff</i>	Hamilton-Wenham		
	FY08	FY09	FY10
All SPED Teachers	14.1	13.0	12.5

FY08	FY09	FY10
715	726	698

FY08	FY09	FY10
92.6	71.2	64.0
92.4	91.1	82.9
97.4	101.1	97.8
85.4	93.4	79.9

