

Appendix - Washington West SU Act 46 Study Report (Revised 4-7-2016)

Financial and Student Enrollment Information

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**The following links provide additional information associated with proposed Warren School District Debt which is anticipated to be \$2.55 M. Note the school board has not yet finalized the warning or amount for voter approval. The bond vote is preliminarily scheduled for May 17, 2016.

[Warren RFP - Awarded in February 2017 to Truex Cullins](#)

[Warren Buildings Security/Safety Inspection Report](#)

[VSBIT Building Safety Review](#)

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Section E – Staff Summary (FTE's) and Student/Staff Ratio

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Appendix A1 - School Configurations and 7 Year Kindergarten through Grade 12
Enrollment on October 1st

Note this is all Enrollment including Resident, School Choice, Tuition and Foreign Exchange

	October 1st Student Enrollment							% Change 7 years
	2009	2010	2011	2012	2013	2014	2015	
<u>Fayston Elementary School (PK thru Grade 6)</u>								
Grade K	19	12	12	12	12	9	13	
Grade 1	11	19	10	12	12	9	9	
Grade 2	17	14	19	11	14	14	12	
Grade 3	12	17	13	20	11	14	14	
Grade 4	18	12	15	14	20	10	17	
Grade 5	15	17	11	14	15	18	11	
Grade 6	20	16	17	11	17	17	18	
Total	112	107	97	94	101	91	94	-16.1%
<u>Moretown Elementary School (PK thru Grade 6)</u>								
Grade K	14	16	18	13	12	16	15	
Grade 1	13	17	13	13	13	15	14	
Grade 2	14	12	14	14	13	14	13	
Grade 3	19	11	12	13	16	13	15	
Grade 4	16	21	12	13	14	15	13	
Grade 5	19	16	20	11	14	15	19	
Grade 6	25	21	17	20	11	14	16	
Total K to Grade 6	120	114	106	97	93	102	105	-12.5%
<u>Waitsfield Elementary School (PK thru Grade 6)</u>								
Grade K	19	15	19	16	21	19	8	
Grade 1	27	18	16	16	15	18	19	
Grade 2	25	25	17	17	18	14	17	
Grade 3	14	25	25	16	19	16	15	
Grade 4	28	12	23	25	16	20	15	
Grade 5	17	28	10	27	26	17	20	
Grade 6	24	15	24	12	27	24	18	
Total K to Grade 6	154	138	134	129	142	128	112	-27.3%
<u>Warren Elementary School (PK thru Grade 6)</u>								
Grade K	23	17	26	17	14	22	17	
Grade 1	22	21	18	30	20	16	20	
Grade 2	27	23	20	18	28	19	17	
Grade 3	17	29	22	21	18	32	19	
Grade 4	20	16	30	25	25	18	29	
Grade 5	28	22	17	30	23	26	22	
Grade 6	11	26	21	17	27	23	26	
Total K to Grade 6	148	154	154	158	155	156	150	1.4%

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Appendix A1 - School Configurations and 7 Year Kindergarten through Grade 12
Enrollment on October 1st

Note this is all Enrollment including Resident, School Choice, Tuition and Foreign Exchange

	October 1st Student Enrollment							% Change 7 years
	2009	2010	2011	2012	2013	2014	2015	
<u>Thatcher Brook PS (PK thru Grade 4 Waterbury & Duxbury)</u>								
Grade K	67	75	65	83	71	76	63	
Grade 1	69	69	81	66	78	76	81	
Grade 2	65	64	72	77	64	72	76	
Grade 3	72	62	63	71	74	61	74	
Grade 4	70	74	65	60	70	74	63	
Total K to Grade 4	343	344	346	357	357	359	357	4.1%
<u>Crossett Brook Middle School (Grade 5- 8 Waterbury & Duxbury)</u>								
Grade 5	73	71	72	67	60	72	73	
Grade 6	72	74	72	71	62	61	68	
Grade 7	57	74	73	69	71	58	57	
Grade 8	81	54	74	75	71	75	56	
Total Grade 5 to Grade 8	283	273	291	282	264	266	254	-10.2%
Total Waterbury Duxbury	626	617	637	639	621	625	611	-2.4%
<u>Harwood Union (Grade 7 - 12)</u>								
Grade 7	67	76	78	81	61	78	73	
Grade 8	81	67	75	67	74	53	70	
Grade 9	157	155	122	137	140	141	127	
Grade 10	147	157	153	123	137	141	133	
Grade 11	155	143	151	156	113	134	140	
Grade 12	173	168	155	171	162	112	131	
Total Grade 7 to Grade 12	780	766	734	735	687	659	674	-13.6%
Total Washington West K to Grade 12	1,940	1,896	1,862	1,852	1,799	1,761	1,746	-10.0%
Pre-Kindergarten (includes partnership)	159	157	151	187	178	181	211	32.7%
Total Washington West PK to Grade 12	2,099	2,053	2,013	2,039	1,977	1,942	1,957	-6.8%

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Appendix A2 - 7 year Pre-Kindergarten Student Enrollment on October 1st

October 1 Enrollment	Fayston			Moretown			Waitsfield			Warren			TBPS (Waterbury/Duxbury)			WWSU Total		
	P3	P4	Total	P3	P4	Total	P3	P4	Total	P3	P4	Total	P3	P4	Total	P3	P4	Total
2009	6	10	16	8	15	23	9	6	15	14	15	29	25	51	76	62	97	159
2010	5	12	17	12	10	22	6	9	15	9	19	28	21	54	75	53	104	157
2011	5	10	15	5	8	13	8	4	12	11	12	23	33	55	88	62	89	151
2012	8	11	19	14	10	24	8	18	26	17	16	33	29	56	85	76	111	187
2013	10	9	19	10	16	26	4	11	15	13	17	30	27	61	88	64	114	178
2014	9	15	24	12	11	23	8	9	17	15	11	26	43	48	91	87	94	181
2015	8	6	14	14	17	31	19	12	31	20	19	39	28	68	96	89	122	211

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Appendix A3 - Equalized Pupils* by School and percentage change FY2009 through FY2017

	Fayston		Moretown		Waitsfield		Warren		Waterbury-Duxbury		HUHS		Total WWSU	
FY2009	103.49		130.30		143.22		121.46		667.30		849.93		2,015.70	
FY2010	111.11	7.4%	121.74	-6.6%	133.35	-6.9%	122.88	1.2%	663.85	-0.5%	845.20	-0.6%	1,998.13	-0.9%
FY2011	113.34	2.0%	122.17	0.4%	139.28	4.4%	140.23	14.1%	658.53	-0.8%	829.49	-1.9%	2,003.04	0.2%
FY2012	107.09	-5.5%	117.64	-3.7%	139.72	0.3%	147.54	5.2%	640.08	-2.8%	803.55	-3.1%	1,955.62	-2.4%
FY2013	98.92	-7.6%	106.62	-9.4%	131.33	-6.0%	147.04	-0.3%	639.94	0.0%	780.44	-2.9%	1,904.29	-2.6%
FY2014	93.80	-5.2%	102.74	-3.6%	131.10	-0.2%	146.09	-0.6%	659.64	3.1%	769.72	-1.4%	1,903.09	-0.1%
FY2015	97.09	3.5%	100.67	-2.0%	136.50	4.1%	148.71	1.8%	655.10	-0.7%	743.07	-3.5%	1,881.14	-1.2%
FY2016	97.22	0.1%	101.50	0.8%	135.99	-0.4%	145.16	-2.4%	653.70	-0.2%	706.61	-4.9%	1,840.18	-2.2%
FY2017 FINAL	94.02	-3.3%	107.71	6.1%	127.32	-6.4%	147.67	1.7%	656.78	0.5%	707.06	0.1%	1,840.56	0.0%
Equalized Pupil Change FY2009 to FY2017		-9.2%		-17.3%		-11.1%		21.6%		-1.6%		-16.8%		-8.7%

*Equalized Pupils as per VSA Title 16, Section 4010

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Appendix B1 - Summary Information on Building & Site Values and Building Square Footage

Only included buildings owned by School Districts, Does not include any leased facilities

	Insurable Values*				
	Square feet of Building	Building	Contents	Site Improvements	Site Total
Fayston Elementary School	24,000	\$ 2,967,900	\$ 242,000	\$ 39,000	\$ 3,248,900
Moretown Elementary School	22,100	\$ 3,455,000	\$ 322,500	\$ 33,600	\$ 3,811,100
Waitsfield Elementary School	22,100	\$ 3,211,000	\$ 325,000	\$ 42,800	\$ 3,578,800
Warren Elementary School**	23,601	\$ 3,644,100	\$ 325,000	\$ 23,500	\$ 3,992,600
Thatcher Brook Primary School	60,000	\$ 9,037,000	\$ 635,400	\$ 46,550	\$ 9,718,950
Crossett Brook Middle School	69,000	\$ 10,369,800	\$ 720,000	\$ 38,600	\$ 11,128,400
Total Waterbury-Duxbury Union	129,000	\$ 19,406,800	\$ 1,355,400	\$ 85,150	\$ 20,847,350
Harwood Union High School					
Harwood Union HS	170,000	\$ 25,792,700	\$ 2,482,869	\$ 4,800	\$ 28,280,369
Harwood Alternative School	1,000	\$ 138,000	\$ 15,000	\$ -	\$ 153,000
HU Wood Chip Plant	1,837	\$ 1,381,600	\$ 100,000	\$ -	\$ 1,481,600
HY Bus Barn	2,500	\$ 198,000	\$ 50,000	\$ -	\$ 248,000
Total Harwood Union	175,337	\$ 27,510,300	\$ 2,647,869	\$ 4,800	\$ 30,162,969
Washington West SU		\$ -	\$ -	\$ -	\$ -
Total All member School Districts	396,138	\$ 60,195,100	\$ 5,217,769	\$ 228,850	\$ 65,641,719

*Washington West SU (VSBIT Insurance Policy Values at 10/14/2014 at determined by CBIZ)

** Insurance values do not include the valuation of any land. The Warren Elementary School is on land owned by the Town of Warren.

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Appendix B2 - LONG TERM DEBT BONDS & NOTES
 Estimated as of July 1, 2017 (merger effective date)

School District		FY2016 Debt Balance before Payments FY2016	Principal Payments or Payments FY2016	Principal Payments or Payments FY2017	Estimated Debt Balance July 1, 2017 FY2018	Description
Moretown School District	Vermont Municipal Bond Bank	\$ 487,752	\$ 39,000	\$ 39,000	\$ 409,752	Merchant's Bank QSCB, Bond Payable, interest at 1%, interest paid semiannual, payment of \$39,000 due on March 1st each year into a Sinking Fund until 2027; originally borrowed \$690,000 in July 1, 2010 for a roof project. At June 30, 2015 the value of the Sinking Fund was \$202,248.
	Water Construction Loan	\$ 8,468	\$ 420	\$ 433	\$ 7,615	Vermont Environmental Protection Agency, Water Construction Loan Payable, interest at 1%, administrative fee of 2.0%, total payments of \$674.17 due on December 1st of each year until 2030. Approved \$25,800 in 2009 for water project, amended to \$35,030 on June 23, 2010. The State of Vermont forgave \$25,000.
Warren School District	Community National Bank Note	\$ 77,902	\$ 25,370	\$ 25,934	\$ 26,598	Community National Bank, Capital Improvement Note Payable, Interest at 2.2%. Interest paid annually, principal and interest of \$27,101.33 due on July 18th of each year until July 18, 2017. The District Originally borrowed \$127,000 on July 18, 2012 for construction of a classroom
Waterbury Duxbury Union	Merchant's Bank QSCB	\$ 3,605,000	\$ 280,000	\$ 280,000	\$ 3,045,000	Vermont Municipal Bond Payable, interest at 4.01%, interest paid semi-annually, principal of \$280,000 due on November 1st of each year until 2020, then \$275,000 due on November 1st of each year until 2027; originally borrowed \$5,565,000 on July 26, 2007, and later refinanced, for TBPS renovations.
Harwood Union High School	Merchant's Bank QSCB	\$ 142,046	\$ 11,000	\$ 11,000	\$ 120,046	Merchant's Bank QSCB, Bond Payable, interest at 1%, interest paid semiannual, payment of \$11,000 due on March 1st each year into a Sinking Fund until 2027; originally borrowed \$199,000 in 2010 for renovations. At June 30, 2015 the value of the Sinking Fund was \$56,954.
	Water Construction Loan	\$ 42,877	\$ 1,970	\$ 2,029	\$ 38,877	Vermont Environmental Protection Agency Drinking Water State Revolving Fund Note Payable, interest at 1% and administration fee at 2% paid annually, total principal & interest of \$3,256.60 paid annually starting in November 2012 until November 2031; originally approved to borrow \$80,750. The State of Vermont forgave \$25,000.
	Water Construction Loan	\$ 54,892	\$ 2,522	\$ 2,598	\$ 49,771	Vermont Environmental Protection agency, Drinking Water State Revolving Balance Fund Note Payable interest at 1% and administration fee at 2% paid annually, principal & interest of \$4,169.22 due on September 1 each year until 2031. Originally approved to borrow \$101,029 in January 2010, increased to \$144,250 on December 14, 2011. A total amount of \$82,222.50 was forgiven under ARRA loan subsidy.
	Water Construction Loan	\$ 23,111	\$ 987	\$ 1,017	\$ 21,107	Vermont Environmental Protection Agency Drinking Water State Revolving Balance Fund Note Payable, interest at 1% and administration fee at 2% paid annually, principal ranging from \$1,861 to \$3,263 due on September 1 of each year until 2032. Originally borrowed \$50,000 on July 6, 2011 for a water tank project. The State of Vermont forgave \$25,000.
	Water Construction Loan	\$ 323,469	\$ -	\$ 12,038	\$ 311,431	Vermont Environmental Protection Agency Drinking Water State Revolving Balance Fund Note Payable interest free; originally approved to borrow \$28,430 in December 2012, amended to \$48,560 in April 2013 and amended again in December 2013 to \$106,613 for the planning phase of water well drilling and pump testing project. This loan will be rolled into the construction phase loan for the project to bring the total to \$323,469.

Appendix B3 - Evaluation of Debt Payments after July 1, 2017 - Waterbury-Duxbury Union and Moretown SD

Waterbury-Duxbury School District-Existing Long Term Debt

Vermont Municipal Bond Payable, interest at 4.01%, interest paid semi-annually, principal of \$280,000 due on November 1st of each year until 2020, then \$275,000 due on November 1st of each year until 2027; originally borrowed \$5,565,000 on July 26, 2007, and later refinanced, for Thatcher Brook PS renovations. The balance at July 1, 2017 is estimated at \$3,045,000.

Waterbury Duxbury Debt Associated with Renovation of Thatcher Brook PS

	Principal	Interest	WDSU		Debt cost Per Pupil- WDSU Only	WWSU		Debt cost Per Pupil- Under Act 46 Merger all Districts	Homestead Tax Rate Associated with Debt- WDSU Only*	Homestead Tax Rate Associated with WDSU Debt-WWSU Merged	Annual Decrease for a \$300,000 Homestead WDSU Only with shared WDSU debt*	Annual Increase for a \$300,000 Homestead WWSU for assumption of existing WDSU Debt
			Total Debt Expense	Equalized Pupils (current)		Equalized Pupils (current)	Equalized Pupils (current)					
FY2018	\$ 280,000	\$ 133,613	\$ 413,613	656.78	\$ 630	1,840.56	\$ 225	\$ 0.0638	\$ 0.0228	\$ 123.11	\$ 68.30	
FY2019	\$ 280,000	\$ 121,209	\$ 401,209	656.78	\$ 611	1,840.56	\$ 218	\$ 0.0619	\$ 0.0221	\$ 119.42	\$ 66.26	
FY2020	\$ 280,000	\$ 108,525	\$ 388,525	656.78	\$ 592	1,840.56	\$ 211	\$ 0.0599	\$ 0.0214	\$ 115.64	\$ 64.16	
FY2021	\$ 280,000	\$ 95,603	\$ 375,603	656.78	\$ 572	1,840.56	\$ 204	\$ 0.0579	\$ 0.0207	\$ 111.80	\$ 62.03	
FY2022	\$ 275,000	\$ 82,603	\$ 357,603	656.78	\$ 544	1,840.56	\$ 194	\$ 0.0552	\$ 0.0197	\$ 106.44	\$ 59.05	
FY2023	\$ 275,000	\$ 69,857	\$ 344,857	656.78	\$ 525	1,840.56	\$ 187	\$ 0.0532	\$ 0.0190	\$ 102.65	\$ 56.95	

Moretown School District-Existing Long Term Debt

Long Term Debt
 2) Merchants Bank, Bond Payable, interest at 1%, interest paid semiannually, payment of \$39,000 due on March 1st each year into a Sinking Fund until 2027; originally borrowed \$690,000 on July 1, 2010 for a roof project. The balance at July 1, 2017 is estimated at \$409,752.

Moretown Debt Associated with Roof Project (2)

	Sinking Fund Payment	Interest	MES		Debt cost Per Pupil- MES Only	WWSU		Debt cost Per Pupil- Under Act 46 Merger all Districts	Homestead Tax Rate Associated with Debt- (MES) Moretown Only*	Homestead Tax Rate Associated with Moretown Debt-WWSU Merged	Annual Decrease for a \$300,000 Homestead Moretown Only with shared Moretown debt*	Annual Increase for a \$300,000 Homestead WWSU for assumption of existing Moretown Debt
			Total Debt Expense	Equalized Pupils (current)		Equalized Pupils (current)	Equalized Pupils (current)					
FY2018	\$ 39,000	\$ 6,900	\$ 45,900	107.71	\$ 426	1,840.56	\$ 25	\$ 0.0432	\$ 0.0025	\$ 121.95	\$ 7.58	
FY2019	\$ 39,000	\$ 6,900	\$ 45,900	107.71	\$ 426	1,840.56	\$ 25	\$ 0.0432	\$ 0.0025	\$ 121.95	\$ 7.58	
FY2020	\$ 39,000	\$ 6,900	\$ 45,900	107.71	\$ 426	1,840.56	\$ 25	\$ 0.0432	\$ 0.0025	\$ 121.95	\$ 7.58	
FY2021	\$ 39,000	\$ 6,900	\$ 45,900	107.71	\$ 426	1,840.56	\$ 25	\$ 0.0432	\$ 0.0025	\$ 121.95	\$ 7.58	
FY2022	\$ 39,000	\$ 6,900	\$ 45,900	107.71	\$ 426	1,840.56	\$ 25	\$ 0.0432	\$ 0.0025	\$ 121.95	\$ 7.58	
FY2023	\$ 39,000	\$ 6,900	\$ 45,900	107.71	\$ 426	1,840.56	\$ 25	\$ 0.0432	\$ 0.0025	\$ 121.95	\$ 7.58	

Appendix B3 - Evaluation of Debt Payments after July 1, 2017 - Warren SD

Warren Town School District-Existing Long Term Debt - Additional Classroom

Current long terms debt is a Community National Bank, Capital Improvement note payable, interest at 2.2%, interest paid annually, principal and interest of \$27,101.33 due on July 18th of each year until July 18, 2017 (FY2018). The district originally borrowed \$127,000 on July 18, 2012 for classroom construction. The principal balance at July 1, 2017 is estimated at \$26,598.

	Principal	Interest	Expense	Warren Debt Equalized Pupils (current)	Debt cost Per Pupil- Warren Only	WWSU Equalized Pupils (current)	Debt cost Per Pupil- Under Act 46 Merger all Districts	Homestead Tax Rate Associated with Debt- Warren Only*	Homestead Tax Rate Associated with Warren Debt-WWSU Merged	Annual Decrease for a \$300,000 Homestead Warren Only with shared Warren debt	Annual Increase for a \$300,000 Homestead WWSU for assumption of existing Warren Debt
FY2018	\$ 26,598	\$ 503	\$ 27,101	147.67	\$ 184	1,829.14	\$ 15	\$ 0.0186	\$ 0.0015	\$ 51.28	\$ 4.50

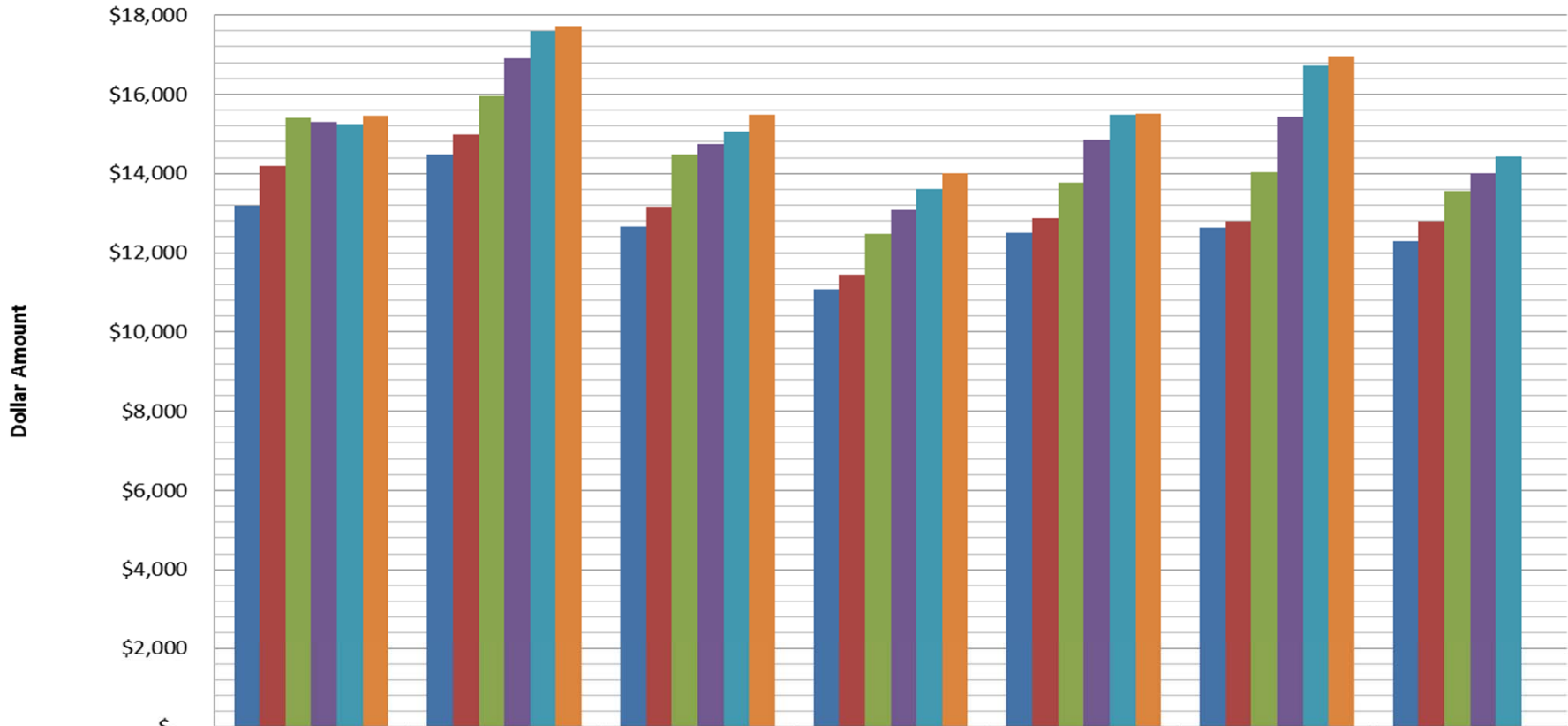
The Warren School Board is considering a bond vote in May 2016, prior to the June 7th Act 46 vote, to fund capital improvements at the Warren Elementary School. The amount being discussed at the time of writing (March 31) is \$2.55 Million. The Board has not yet warned a vote and is meeting again on April 5th. The Board currently plans to approve a warning and ballot for proposed bonded indebtedness on April 5th. The Unified District's Articles of Association, Section 5D, limit the Unified Districts liability to \$2.55M for any debt approved by voters after April 1, 2016. Below is an evaluation of the cost of Warren's proposed debt over 20 years if both the debt is approved by Warren voters and Warren voters vote to join the Unified Union as well as if the debt is approved by Warren voters but they do not join the Unified Union.

According to the property insurer, VSBIT, Warren School is 23,601 square feet and is listed for an insurable value of \$3,644,100.

**Warren Town School District-Debt Estimates
\$2,550,000 For 20 Years**

	Principal	Interest	Total Debt Expense	Warren Debt Equalized Pupils	Debt cost Per Pupil- Warren Only	WWSU Equalized Pupils	Debt cost Per Pupil- Under Act 46 Merger all Districts	Additional Homestead Tax Rate Associated with Debt-Warren Only*	Additional Homestead Tax Rate Associated with Debt-WWSU Merged	Annual Increase for a \$300,000 Homestead Warren Only*	Annual Increase for a \$300,000 Homestead WWSU
Year 0- Interest Only	\$ -	\$ 60,009	\$ 60,009	147.67	\$ 406	1,840.56	\$ 33	\$ 0.0412	\$ 0.0033	\$ 124	\$ 10
Year 1	\$ 127,500	\$ 74,397	\$ 201,897	147.67	\$ 1,367	1,840.56	\$ 110	\$ 0.1385	\$ 0.0111	\$ 416	\$ 33
Year 2	\$ 127,500	\$ 72,041	\$ 199,541	147.67	\$ 1,351	1,840.56	\$ 108	\$ 0.1369	\$ 0.0110	\$ 411	\$ 33
Year 3	\$ 127,500	\$ 69,529	\$ 197,029	147.67	\$ 1,334	1,840.56	\$ 107	\$ 0.1352	\$ 0.0108	\$ 406	\$ 33
Year 4	\$ 127,500	\$ 66,861	\$ 194,361	147.67	\$ 1,316	1,840.56	\$ 106	\$ 0.1334	\$ 0.0107	\$ 400	\$ 32
Year 5	\$ 127,500	\$ 64,029	\$ 191,529	147.67	\$ 1,297	1,840.56	\$ 104	\$ 0.1314	\$ 0.0105	\$ 394	\$ 32
Year 6	\$ 127,500	\$ 61,008	\$ 188,508	147.67	\$ 1,277	1,840.56	\$ 102	\$ 0.1293	\$ 0.0104	\$ 388	\$ 31
Year 7	\$ 127,500	\$ 57,781	\$ 185,281	147.67	\$ 1,255	1,840.56	\$ 101	\$ 0.1271	\$ 0.0102	\$ 381	\$ 31
Year 8	\$ 127,500	\$ 54,347	\$ 181,847	147.67	\$ 1,231	1,840.56	\$ 99	\$ 0.1248	\$ 0.0100	\$ 374	\$ 30
Year 9	\$ 127,500	\$ 50,706	\$ 178,206	147.67	\$ 1,207	1,840.56	\$ 97	\$ 0.1223	\$ 0.0098	\$ 367	\$ 29
Year 10	\$ 127,500	\$ 46,872	\$ 174,372	147.67	\$ 1,181	1,840.56	\$ 95	\$ 0.1196	\$ 0.0096	\$ 359	\$ 29
Year 11	\$ 127,500	\$ 42,890	\$ 170,390	147.67	\$ 1,154	1,840.56	\$ 93	\$ 0.1169	\$ 0.0094	\$ 351	\$ 28
Year 12	\$ 127,500	\$ 38,790	\$ 166,290	147.67	\$ 1,126	1,840.56	\$ 90	\$ 0.1141	\$ 0.0092	\$ 342	\$ 27
Year 13	\$ 127,500	\$ 34,573	\$ 162,073	147.67	\$ 1,098	1,840.56	\$ 88	\$ 0.1112	\$ 0.0089	\$ 334	\$ 27
Year 14	\$ 127,500	\$ 30,238	\$ 157,738	147.67	\$ 1,068	1,840.56	\$ 86	\$ 0.1082	\$ 0.0087	\$ 325	\$ 26
Year 15	\$ 127,500	\$ 25,794	\$ 153,294	147.67	\$ 1,038	1,840.56	\$ 83	\$ 0.1052	\$ 0.0084	\$ 316	\$ 25
Year 16	\$ 127,500	\$ 21,261	\$ 148,761	147.67	\$ 1,007	1,840.56	\$ 81	\$ 0.1021	\$ 0.0082	\$ 306	\$ 25
Year 17	\$ 127,500	\$ 16,658	\$ 144,158	147.67	\$ 976	1,840.56	\$ 78	\$ 0.0989	\$ 0.0079	\$ 297	\$ 24
Year 18	\$ 127,500	\$ 11,983	\$ 139,483	147.67	\$ 945	1,840.56	\$ 76	\$ 0.0957	\$ 0.0077	\$ 287	\$ 23
Year 19	\$ 127,500	\$ 7,236	\$ 134,736	147.67	\$ 912	1,840.56	\$ 73	\$ 0.0924	\$ 0.0074	\$ 277	\$ 22
Year 20	\$ 127,500	\$ 2,423	\$ 129,923	147.67	\$ 880	1,840.56	\$ 71	\$ 0.0891	\$ 0.0072	\$ 267	\$ 21

Appendix C1 - Education Spending per Equilized Pupil



	Fayston	Moretown	Waitsfield	Warren	Waterbury-Duxbury	Harwood Union High School	State Average
FY 2012	\$13,199	\$14,484	\$12,669	\$11,069	\$12,503	\$12,634	\$12,288
FY 2013	\$14,199	\$14,992	\$13,172	\$11,454	\$12,870	\$12,793	\$12,789
FY 2014	\$15,405	\$15,965	\$14,472	\$12,482	\$13,772	\$14,029	\$13,565
FY 2015	\$15,289	\$16,919	\$14,741	\$13,090	\$14,846	\$15,421	\$14,008
FY 2016	\$15,260	\$17,605	\$15,075	\$13,607	\$15,473	\$16,721	\$14,423
FY 2017 Proposed	\$15,460	\$17,697	\$15,493	\$14,012	\$15,522	\$16,973	

Appendix C2 - 10 Year History of Blended Education Tax Rates (HUHS with Town SD) and CLA

	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	Estimate FY2017	FY2017 % Change
Education Tax Rates Set By the Legislature											
Yield										\$9,870	
Homestead Tax Rate (\$1.10 per Statute)	\$ 0.87	\$ 0.87	\$ 0.86	\$ 0.86	\$ 0.87	0.89	\$ 0.94	\$ 0.98	\$ 0.99		
Non-Residential Tax Rate (\$1.59 per Statute)	A \$ 1.36	\$ 1.36	\$ 1.35	\$ 1.35	\$ 1.36	1.38	\$ 1.44	\$ 1.515	\$ 1.535		
Fayston											
Common Level of Appraisal	88.12%	76.28%	72.14%	92.83%	100.33%	100.98%	101.57%	105.84%	104.65%	105.27%	
Equalized Homestead Tax Rate	\$ 1.37	\$ 1.32	\$ 1.26	\$ 1.26	\$ 1.32	\$ 1.38	\$ 1.51	\$ 1.62	\$ 1.67	\$ 1.64	-1.8%
Actual Homestead Tax Rate	\$ 1.55	\$ 1.73	\$ 1.75	\$ 1.36	\$ 1.31	\$ 1.37	\$ 1.49	\$ 1.53	\$ 1.60	\$ 1.56	-2.4%
Non-Residential Tax Rate (A divided by CLA)	\$ 1.54	\$ 1.78	\$ 1.87	\$ 1.45	\$ 1.36	\$ 1.37	\$ 1.42	\$ 1.43	\$ 1.47	\$ 1.46	-0.5%
Moretown											
Common Level of Appraisal	94.52%	83.83%	75.01%	72.15%	70.32%	91.11%	101.45%	102.94%	103.71%	103.33%	
Equalized Homestead Tax Rate	\$ 1.35	\$ 1.30	\$ 1.31	\$ 1.36	\$ 1.37	\$ 1.40	\$ 1.53	\$ 1.70	\$ 1.79	\$ 1.75	-2.1%
Actual Homestead Tax Rate	\$ 1.43	\$ 1.55	\$ 1.74	\$ 1.88	\$ 1.95	\$ 1.54	\$ 1.50	\$ 1.65	\$ 1.73	\$ 1.70	-1.8%
Non-Residential Tax Rate (A divided by CLA)	\$ 1.44	\$ 1.62	\$ 1.80	\$ 1.87	\$ 1.93	\$ 1.51	\$ 1.42	\$ 1.47	\$ 1.48	\$ 1.49	0.7%
Waitsfield											
Common Level of Appraisal	117.18%	106.58%	98.80%	96.52%	101.57%	104.42%	105.74%	107.07%	107.40%	103.47%	
Equalized Homestead Tax Rate	\$ 1.26	\$ 1.26	\$ 1.28	\$ 1.27	\$ 1.29	\$ 1.32	\$ 1.46	\$ 1.59	\$ 1.66	\$ 1.64	-0.8%
Actual Homestead Tax Rate	\$ 1.08	\$ 1.18	\$ 1.30	\$ 1.31	\$ 1.27	\$ 1.27	\$ 1.38	\$ 1.48	\$ 1.54	\$ 1.59	2.9%
Non-Residential Tax Rate	\$ 1.16	\$ 1.28	\$ 1.37	\$ 1.40	\$ 1.34	\$ 1.32	\$ 1.36	\$ 1.42	\$ 1.43	\$ 1.49	4.3%
Warren											
Common Level of Appraisal	52.71%	104.42%	105.83%	104.45%	98.73%	97.54%	100.39%	101.76%	102.06%	100.33%	
Equalized Homestead Tax Rate	\$ 1.23	\$ 1.21	\$ 1.23	\$ 1.21	\$ 1.20	\$ 1.23	\$ 1.35	\$ 1.48	\$ 1.56	\$ 1.54	-0.8%
Actual Homestead Tax Rate	\$ 2.33	\$ 1.21	\$ 1.17	\$ 1.16	\$ 1.21	\$ 1.26	\$ 1.35	\$ 1.46	\$ 1.52	\$ 1.54	0.9%
Non-Residential Tax Rate (A divided by CLA)	\$ 2.58	\$ 1.30	\$ 1.28	\$ 1.29	\$ 1.38	\$ 1.41	\$ 1.43	\$ 1.49	\$ 1.50	\$ 1.53	1.7%
Waterbury											
Common Level of Appraisal	68.87%	112.48%	100.34%	97.47%	98.07%	99.30%	102.03%	102.71%	99.57%	99.33%	
Equalized Homestead Tax Rate	\$ 1.20	\$ 1.21	\$ 1.19	\$ 1.23	\$ 1.28	\$ 1.31	\$ 1.42	\$ 1.58	\$ 1.66	\$ 1.62	-2.5%
Actual Homestead Tax Rate	\$ 1.74	\$ 1.08	\$ 1.19	\$ 1.26	\$ 1.30	\$ 1.32	\$ 1.39	\$ 1.54	\$ 1.66	\$ 1.63	-2.2%
Non-Residential Tax Rate (A divided by CLA)	\$ 1.97	\$ 1.21	\$ 1.35	\$ 1.39	\$ 1.39	\$ 1.39	\$ 1.41	\$ 1.48	\$ 1.54	\$ 1.55	0.5%
Duxbury											
Common Level of Appraisal	112.42%	107.17%	96.93%	95.59%	93.94%	94.44%	96.24%	100.82%	96.93%	100.77%	
Equalized Homestead Tax Rate	\$ 1.12	\$ 1.23	\$ 1.21	\$ 1.24	\$ 1.29	\$ 1.32	\$ 1.44	\$ 1.60	\$ 1.68	\$ 1.64	-2.7%
Actual Homestead Tax Rate	\$ 1.08	\$ 1.14	\$ 1.24	\$ 1.30	\$ 1.38	\$ 1.40	\$ 1.49	\$ 1.59	\$ 1.73	\$ 1.62	-6.4%
Non-Residential Tax Rate (A divided by CLA)	\$ 1.21	\$ 1.27	\$ 1.39	\$ 1.41	\$ 1.45	\$ 1.46	\$ 1.50	\$ 1.50	\$ 1.58	\$ 1.53	-3.4%

Appendix - Washington West SU Act 46 Study Report

Appendix C3 - What Amount of Education Spending (Budget Reduction) would it take to reduce the FY2017 Homestead Tax Rate by \$.10? What are the Incentives Worth?

	WWSU Education Spending* Based on Proposed FY2017 Budgets	Amount of Reduction in Education Spending to reduce Homestead Tax Rate by \$.10	
Duxbury (Debt Only)	\$ 22,776		
Fayston	\$ 1,453,518		
Moretown	\$ 1,906,160		
Waitsfield	\$ 1,972,621		
Warren	\$ 2,069,103		
WDSO	\$ 10,194,815		
HUHS	\$ 12,000,800		
Total Proposed FY 2017 Education Spending-All Districts	\$ 29,619,793	\$ (1,816,633)	\$ 27,803,160
Total FY2017 Equalized Pupils (EP)	1,840.56		1,840.56
Education Spending Per EP-Average over all WWSU	\$ 16,093	\$ (987)	\$ 15,106
FY2017 Estimated Yield	\$ 9,870		\$ 9,870
Estimated Equalized Homestead Tax Rate (Education Spending per EP divided by Yield)	\$ 1.63	\$ (0.10)	\$ 1.53

Ed Spending Equated with \$0.08 Reduction - Year 2	\$ (1,453,306)
Ed Spending Equated with \$0.06 Reduction - Year 3	\$ (1,089,980)
Ed Spending Equated with \$0.04 Reduction - Year 4	\$ (726,653)
Ed Spending Equated with \$0.02 Reduction - Year 5	\$ (363,327)

	FY2017 Est Blended Equalized (HUHS and Local District)
Fayston	\$ 1.641
Moretown	\$ 1.754
Waitsfield	\$ 1.642
Warren	\$ 1.543
Duxbury	\$ 1.636
Waterbury	\$ 1.616

Est Tax Rate \$2.55M Warren Debt Year 1 split among all towns in a unified union	\$ 0.0111
Est Tax Rate associated with Warren 2016 estimated \$200K deficit	\$ 0.0097

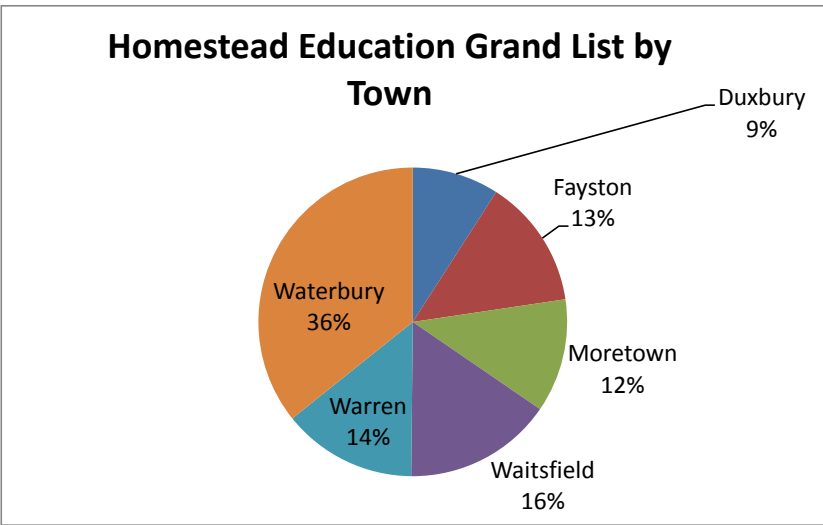
Question:

Why would Fayston give up on saving an estimated	\$ 0.11	due to picking up cost of debt at*	\$ 0.0111
Why would Moretown give up on saving an estimated	\$ 0.22	due to picking up cost of debt at*	\$ 0.0111
Why would Waitsfield give up on saving an estimated	\$ 0.11	due to picking up cost of debt at*	\$ 0.0111
Why would Duxbury give up on saving an estimated	\$ 0.11	due to picking up cost of debt at*	\$ 0.0111
Why would Waterbury give up on saving an estimated	\$ 0.09	due to picking up cost of debt at*	\$ 0.0111

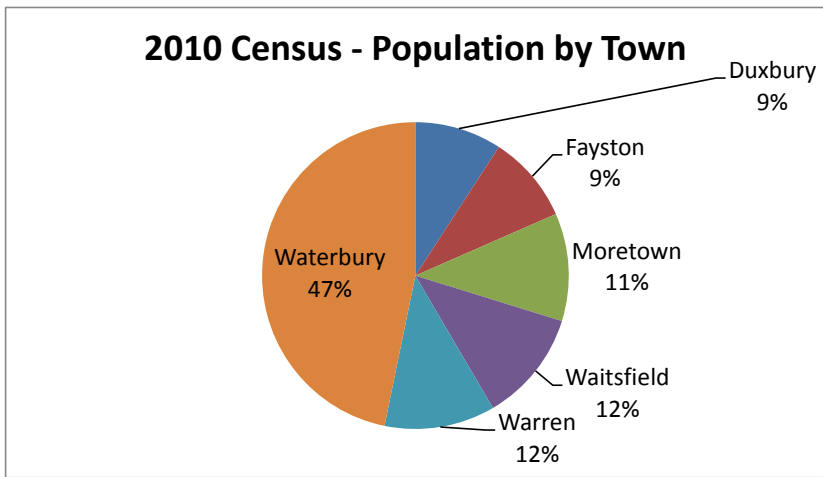
* Based on estimates of \$2.55 M for year 1 of bond which is the year of the bond principal and interest highest cost

C4 - 2016 Education Grand List by Town, 2010 Population by Town and Equalized Pupils by Town

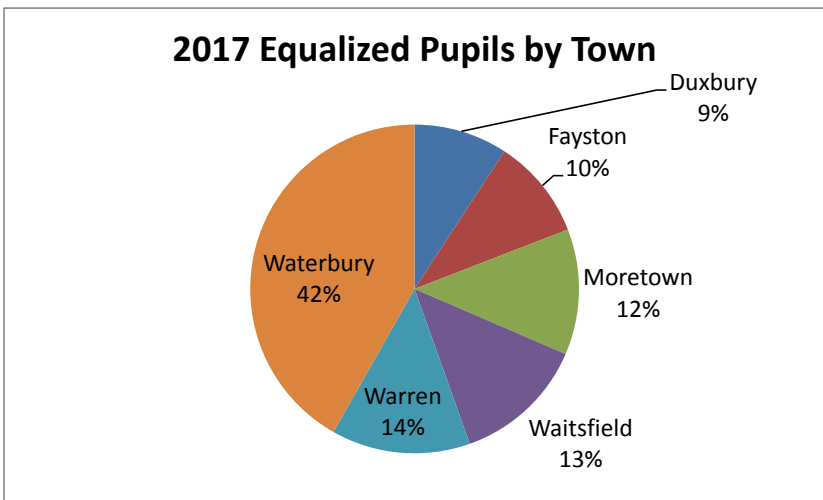
	Homestead	
	Education Grand List	Non-Residential
	by Town	Education Grand List
Duxbury	\$ 993,195	\$ 613,681
Fayston	\$ 1,482,591	\$ 2,197,221
Moretown	\$ 1,302,600	\$ 912,507
Waitsfield	\$ 1,703,107	\$ 1,992,450
Warren	\$ 1,538,937	\$ 5,448,764
Waterbury	\$ 3,908,942	\$ 3,208,070



	2010 Census -	
	Population by Town	
Duxbury	\$ 1,337	
Fayston	\$ 1,353	
Moretown	\$ 1,658	
Waitsfield	\$ 1,719	
Warren	\$ 1,705	
Waterbury	\$ 6,827	



	2017 Equalized	
	Pupils by Town	
Duxbury	169.57	
Fayston	182.35	
Moretown	227.37	
Waitsfield	240.86	
Warren	251.35	
Waterbury	769.06	



Appendix - Washington West SU Act 46 Study Report

C5FY2017 Budgeted Baseline Finance Data and Tax Rate Projections by Town

	FY2017 Proposed Expenditure Budget	FY2017 Proposed Education Spending	Equalized Pupils	Education Spending/ Equalized Pupil
Duxbury (Debt Only)	\$ 22,776	\$ 22,776		\$ 201
Fayston	\$ 1,774,780	\$ 1,453,518	94.02	\$ 15,460
Moretown	\$ 2,470,904	\$ 1,906,160	107.71	\$ 17,697
Waitsfield	\$ 2,259,942	\$ 1,972,621	127.32	\$ 15,493
Warren	\$ 2,543,126	\$ 2,069,103	147.67	\$ 14,012
Waterbury-Duxbury Union	\$ 11,889,435	\$ 10,194,815	656.78	\$ 15,522
Harwood Union	\$ 14,219,230	\$ 12,000,800	707.06	\$ 16,973
	\$ 35,180,193	\$ 29,619,793	1,840.56	

C6 - Washington West Supervisory Union
Ac 46 Homestead Tax Projections - March 30, 2016

Blended tax projections (HUHS and Local School District for each town) are created using a set of estimates for purposes of comparative illustration. The estimates do not account for legislative changes, policy decisions or management decisions, now or over time. Tax Projections include:

1. No Governance Change – Do Nothing, Status Quo until state consolidates SU effective FY20-21
2. Accelerated Merger effective July 1, 2017 (FY2018)
3. State consolidates SU into Unified Union in FY2020-2021, all incentives forfeited

Preliminary Key Assumptions used in each of the model projections include:

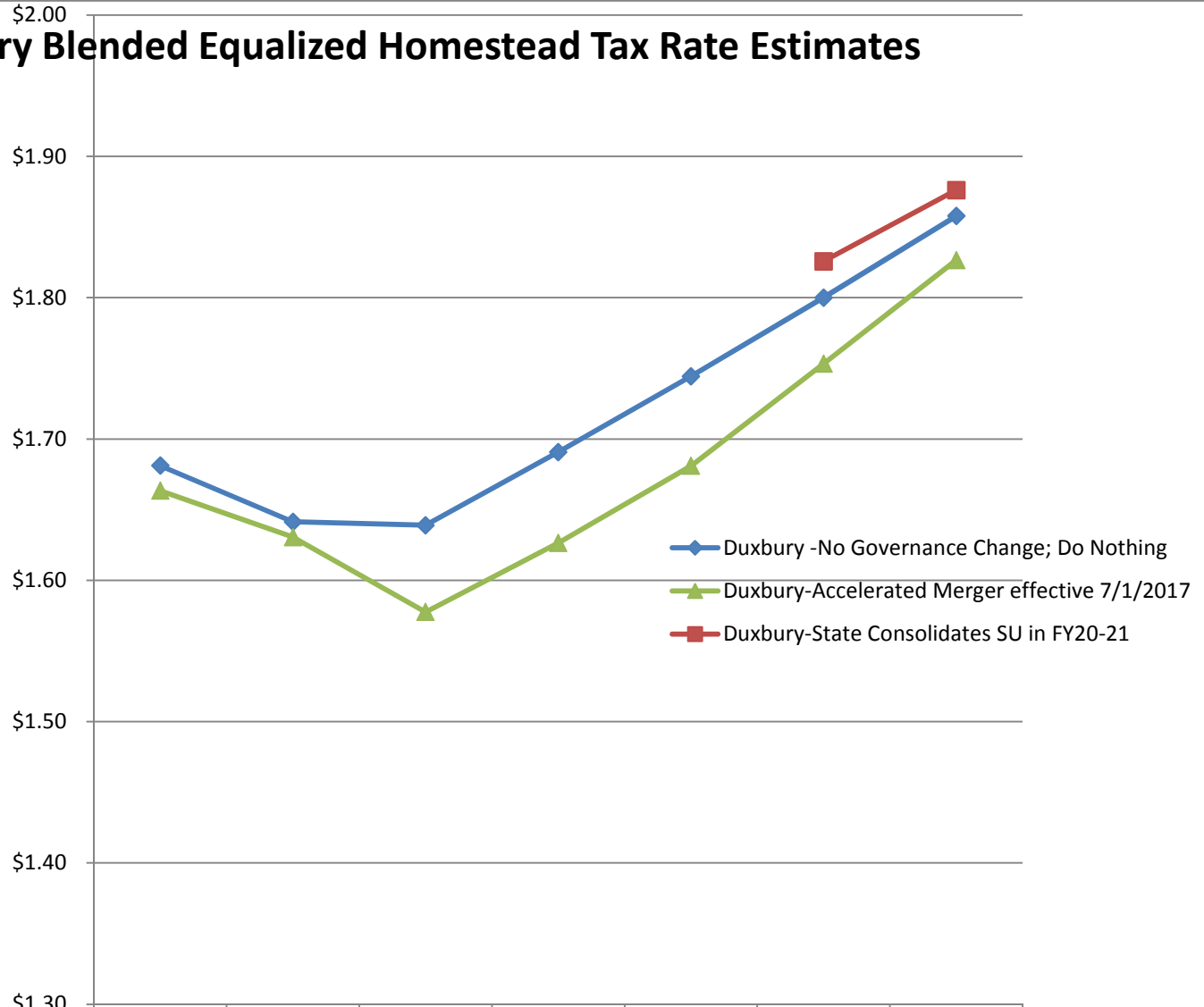
- A. Education Spending – An increase of 3% per year, over the FY2017 Base Year, is used for each district and the consolidated unified union with the following adjustments:
 - a. The Small School Grants for Fayston and Moretown at the FY2017 budgeted amount is retained for the accelerated merger projections.
 - b. Efficiency Savings of \$100K annually in accelerated merger projections FY2019-FY2020 with an additional \$300K annually in FY2021-2022
 - c. The retirement of current long term debt for Moretown, Waterbury-Duxbury Union and Harwood Union scheduled for FY2017 has been considered and the associated FY2017 principal and interest removed from education spending in FY2018 and beyond. The retirement of long term debt scheduled for Warren and Duxbury has been considered and the associated FY2018 principal and interest removed from education spending in FY2019 and beyond.
 - d. Warren’s deficit of an estimated \$260K is funded over four years in the “Do Nothing” model and retired in FY2018 in the “Accelerated Merger”.
 - e. Principal and Interest payments associated with anticipated debt for facility improvements at the Warren School have been based on \$2.55 M, with the first principal payment in FY2018. Per the Articles of Association, if Warren votes to join the Unified Union, the Unified union will assume \$2.55 M of approved debt.

- B. Equalized Pupil Count is based on the average change in each district over the last three years, FY2015 to FY2017. Equalized Pupils used in the projections are summarized below:

Equalized Pupils for Tax Projections	Fayston		Moretown		Waitsfield		Warren		Waterbury-Duxbury		HUHS		Total WWSU	
	Value	% Change	Value	% Change	Value	% Change	Value	% Change	Value	% Change	Value	% Change	Value	% Change
FY2018	94.11	0.1%	109.43	1.6%	126.17	-0.9%	148.26	0.4%	656.12	-0.1%	687.26	-2.8%	1,821.37	-1.0%
FY2019	94.21	0.1%	111.18	1.6%	125.04	-0.9%	148.85	0.4%	655.47	-0.1%	668.02	-2.8%	1,802.77	-1.0%
FY2020	94.30	0.1%	112.96	1.6%	123.91	-0.9%	149.45	0.4%	654.81	-0.1%	649.31	-2.8%	1,784.75	-1.0%
FY2021	94.40	0.1%	114.77	1.6%	122.80	-0.9%	150.05	0.4%	654.16	-0.1%	631.13	-2.8%	1,767.30	-1.0%
FY2022	94.49	0.1%	116.61	1.6%	121.69	-0.9%	150.65	0.4%	653.50	-0.1%	613.46	-2.8%	1,750.40	-1.0%

- C. The Yield is estimated at \$9,870 for FY2017 and increased by 1% per year.
- D. The “Do Nothing” projections assume the same allocation of percentage of students in HUHS and Local School District(s) as in FY2016-2017 in the models with no merger.
- E. The Accelerated Merger projections include the tax reduction incentive of \$.10 in FY2018, \$.08 in FY2019, \$.06 in FY2020, \$.04 in FY2021 and \$.02 in FY2022.

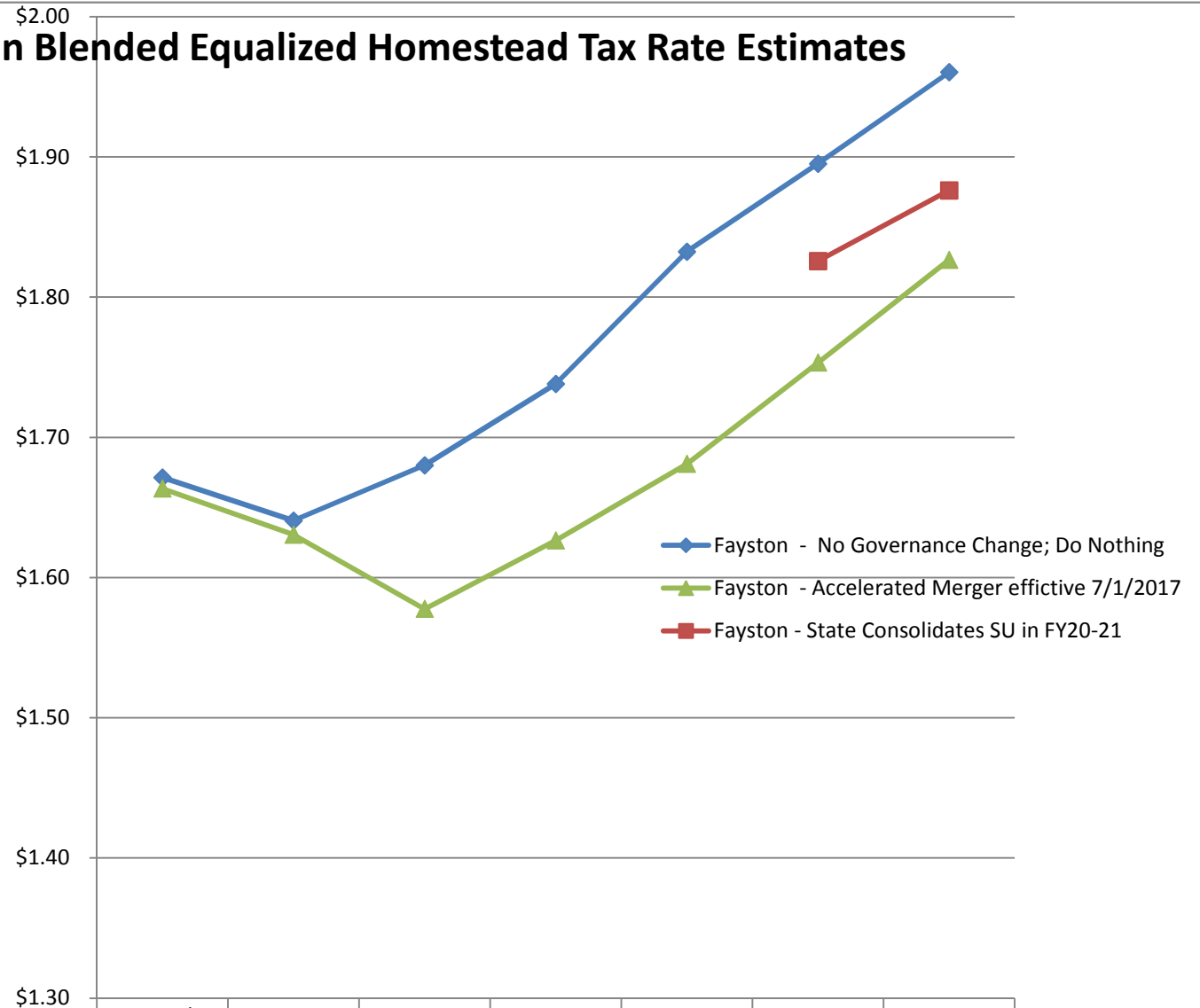
Duxbury Blended Equalized Homestead Tax Rate Estimates



Notes: Considers debt retiring in FY2018

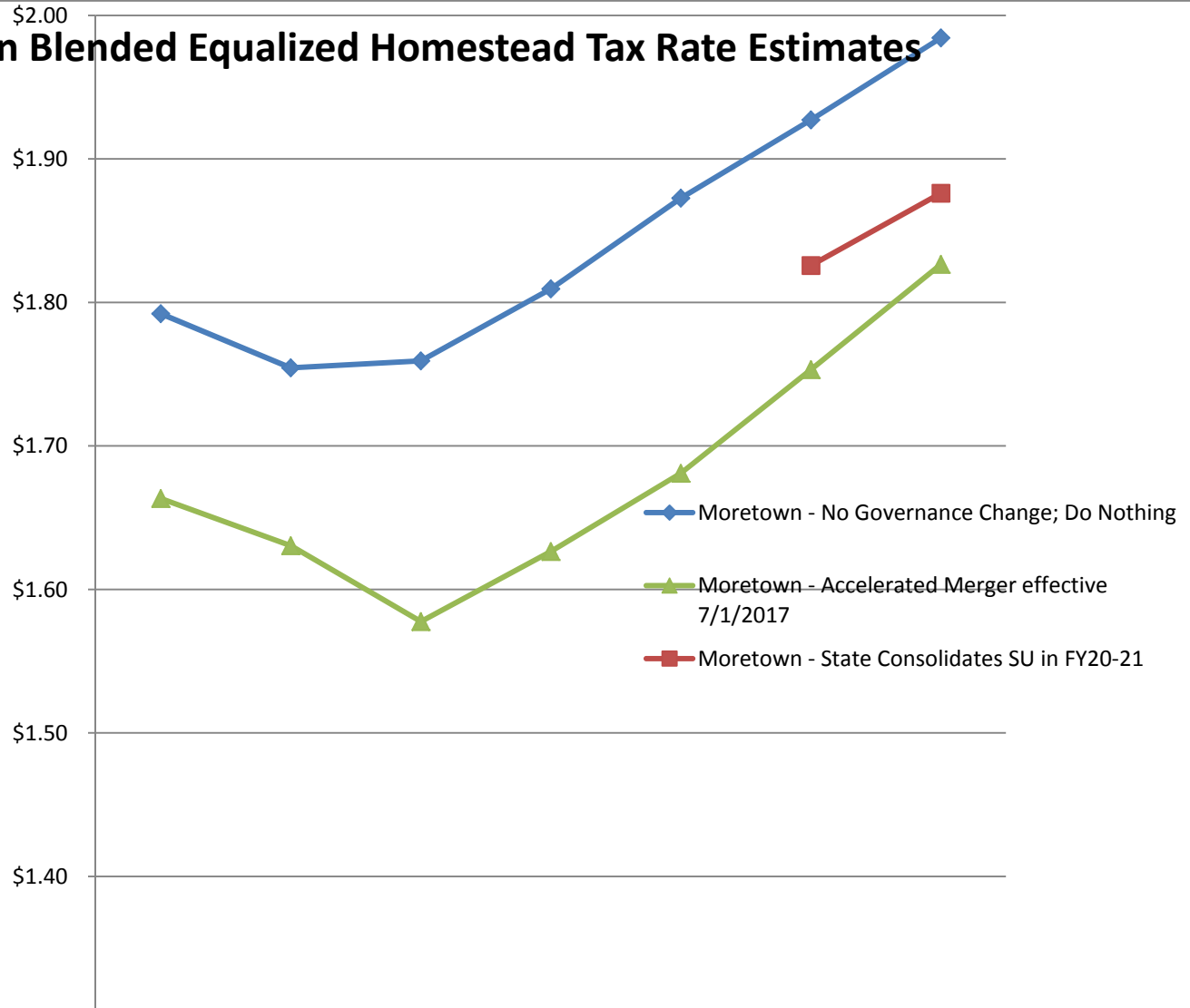
	Actual FY 2015-16	BASE YR FY16-17	FY17-18	FY18-19	19-20	20-21	21-22
Duxbury -No Governance Change; Do Nothing	\$1.68	\$1.64	\$1.64	\$1.69	\$1.74	\$1.80	\$1.86
Duxbury-Accelerated Merger effective 7/1/2017	\$1.66	\$1.63	\$1.58	\$1.63	\$1.68	\$1.75	\$1.83
Duxbury-State Consolidates SU in FY20-21						\$1.83	\$1.88

Fayston Blended Equalized Homestead Tax Rate Estimates



	Actual FY 2015-16	BASE YR FY16-17	FY17-18	FY18-19	19-20	20-21	21-22
Fayston - No Governance Change; Do Nothing	\$1.67	\$1.64	\$1.68	\$1.74	\$1.83	\$1.90	\$1.96
Fayston - Accelerated Merger effective 7/1/2017	\$1.66	\$1.63	\$1.58	\$1.63	\$1.68	\$1.75	\$1.83
Fayston - State Consolidates SU in FY20-21						\$1.83	\$1.88

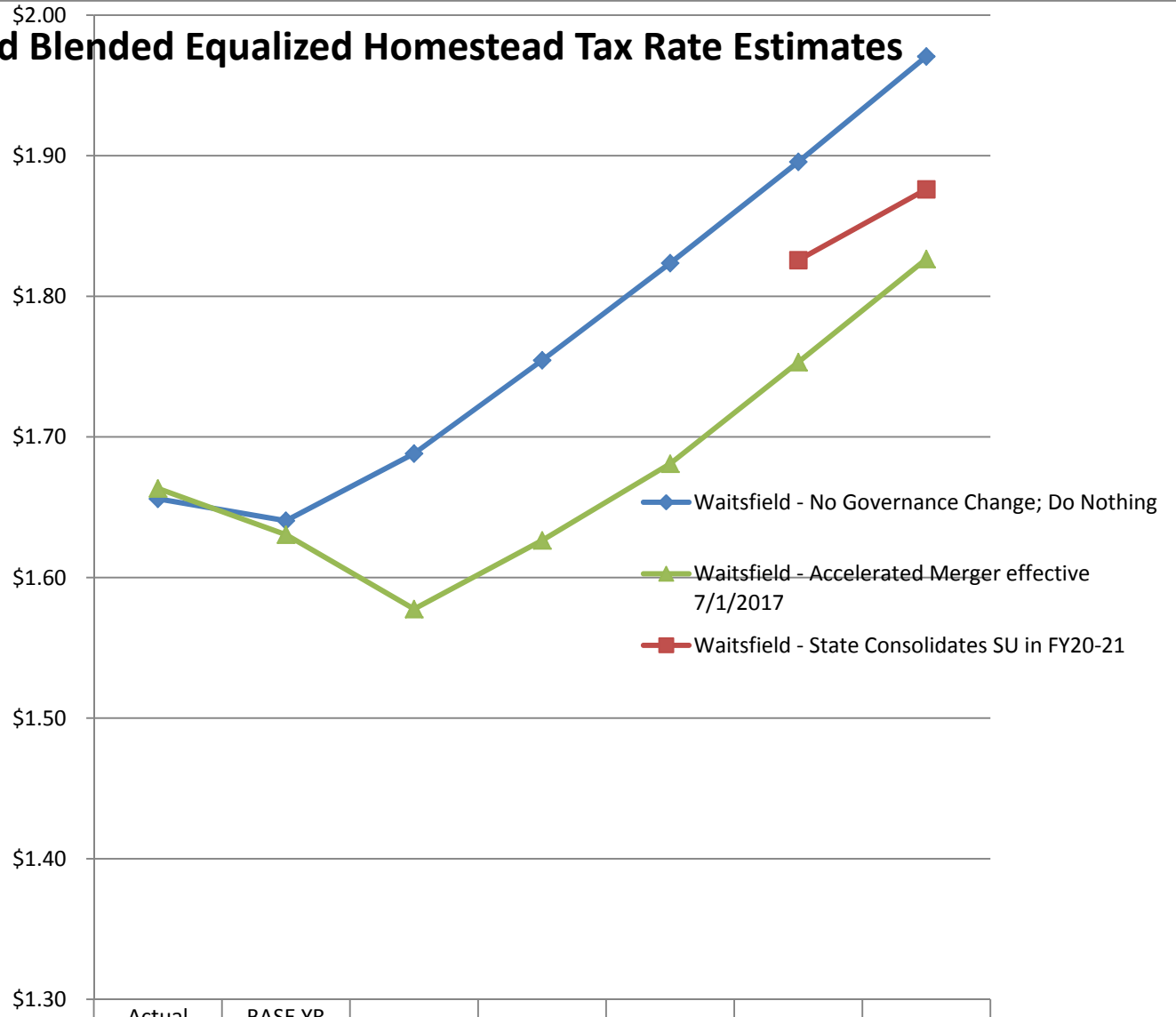
Moretown Blended Equalized Homestead Tax Rate Estimates



Notes: Considers debt retiring in FY2017

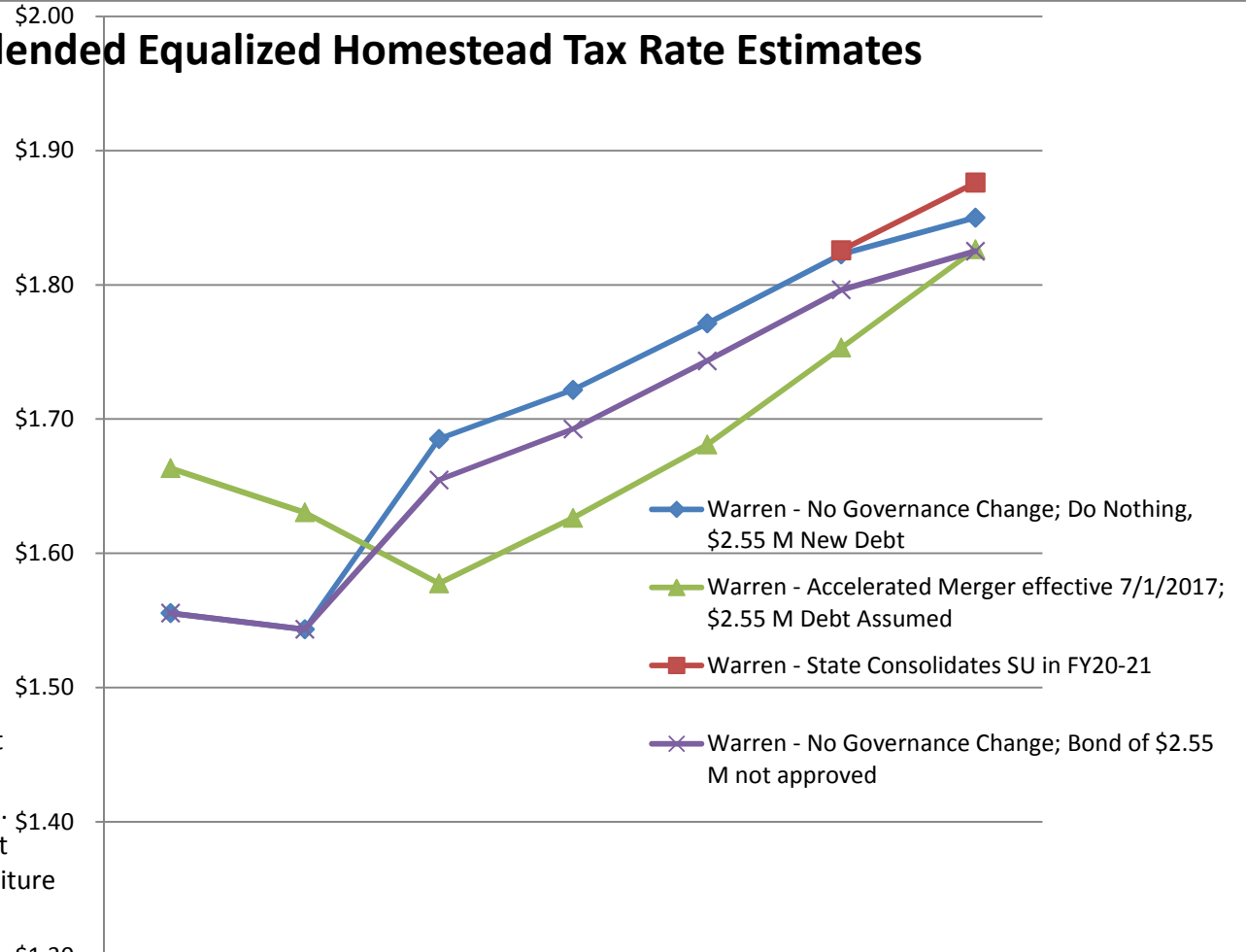
	Actual FY 2015-16	BASE YR FY16-17	FY17-18	FY18-19	19-20	20-21	21-22
Moretown - No Governance Change; Do Nothing	\$1.79	\$1.75	\$1.76	\$1.81	\$1.87	\$1.93	\$1.98
Moretown - Accelerated Merger effective 7/1/2017	\$1.66	\$1.63	\$1.58	\$1.63	\$1.68	\$1.75	\$1.83
Moretown - State Consolidates SU in FY20-21						\$1.83	\$1.88

Waitsfield Blended Equalized Homestead Tax Rate Estimates



	Actual FY 2015-16	BASE YR FY16-17	FY17-18	FY18-19	19-20	20-21	21-22
Waitsfield - No Governance Change; Do Nothing	\$1.66	\$1.64	\$1.69	\$1.75	\$1.82	\$1.90	\$1.97
Waitsfield - Accelerated Merger effective 7/1/2017	\$1.66	\$1.63	\$1.58	\$1.63	\$1.68	\$1.75	\$1.83
Waitsfield - State Consolidates SU in FY20-21						\$1.83	\$1.88

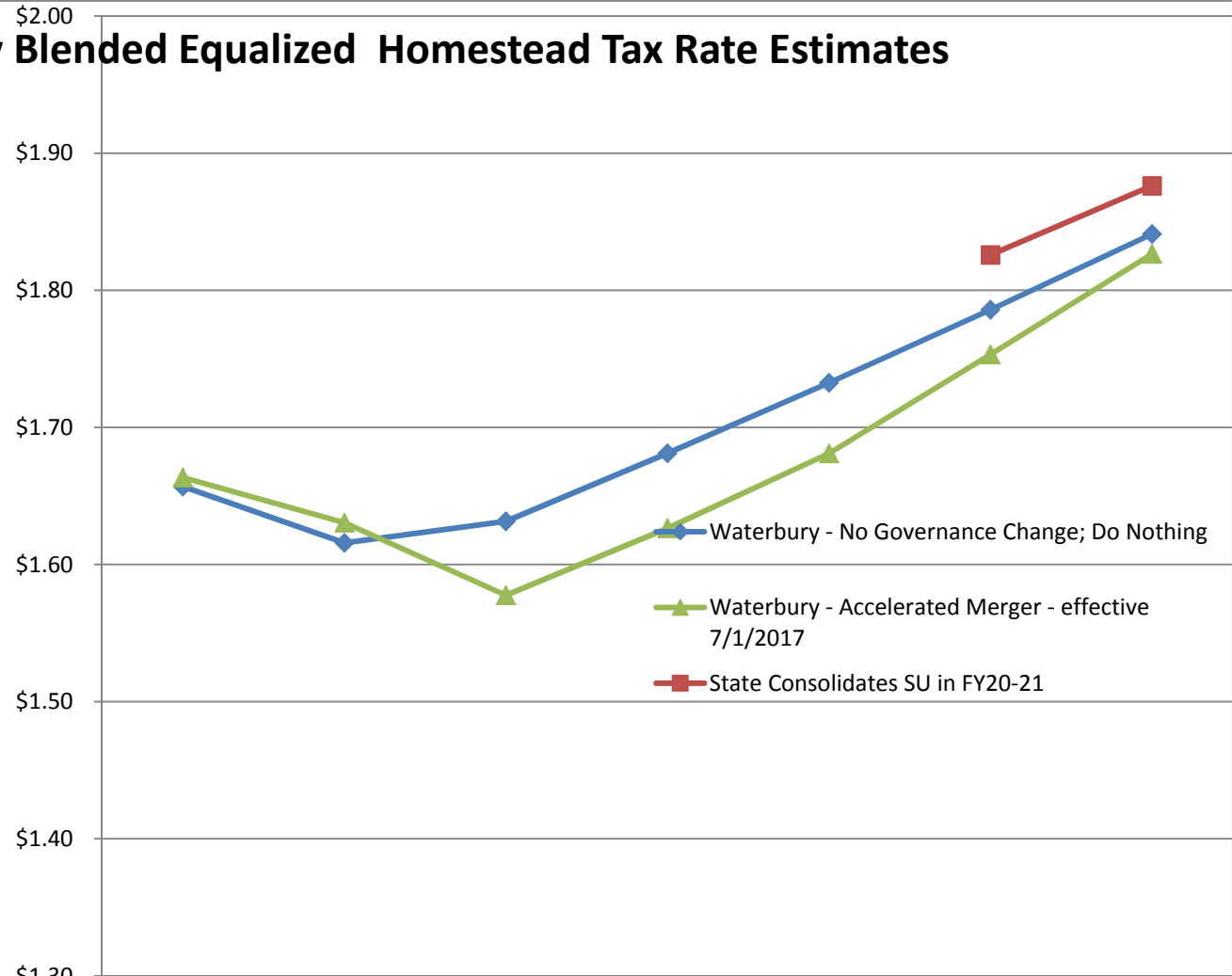
Warren Blended Equalized Homestead Tax Rate Estimates



1) Includes classroom addition debt retiring in FY2018. 2) General Fund deficit retired over 4 yrs in No Governance Change and 1 year, FY2018, in Accelerated. 3) If no governance change and bond is not approved, \$125K increased annual expenditure to address facility safety needs is included.

	Actual FY 2015-16	BASE YR FY16-17	FY17-18	FY18-19	19-20	20-21	21-22
Warren - No Governance Change; Do Nothing, \$2.55 M New Debt	\$1.56	\$1.54	\$1.69	\$1.72	\$1.77	\$1.82	\$1.85
Warren - Accelerated Merger effective 7/1/2017; \$2.55 M Debt Assumed	\$1.66	\$1.63	\$1.58	\$1.63	\$1.68	\$1.75	\$1.83
Warren - State Consolidates SU in FY20-21						\$1.83	\$1.88
Warren - No Governance Change; Bond of \$2.55 M not approved	\$1.56	\$1.54	\$1.65	\$1.69	\$1.74	\$1.80	\$1.83

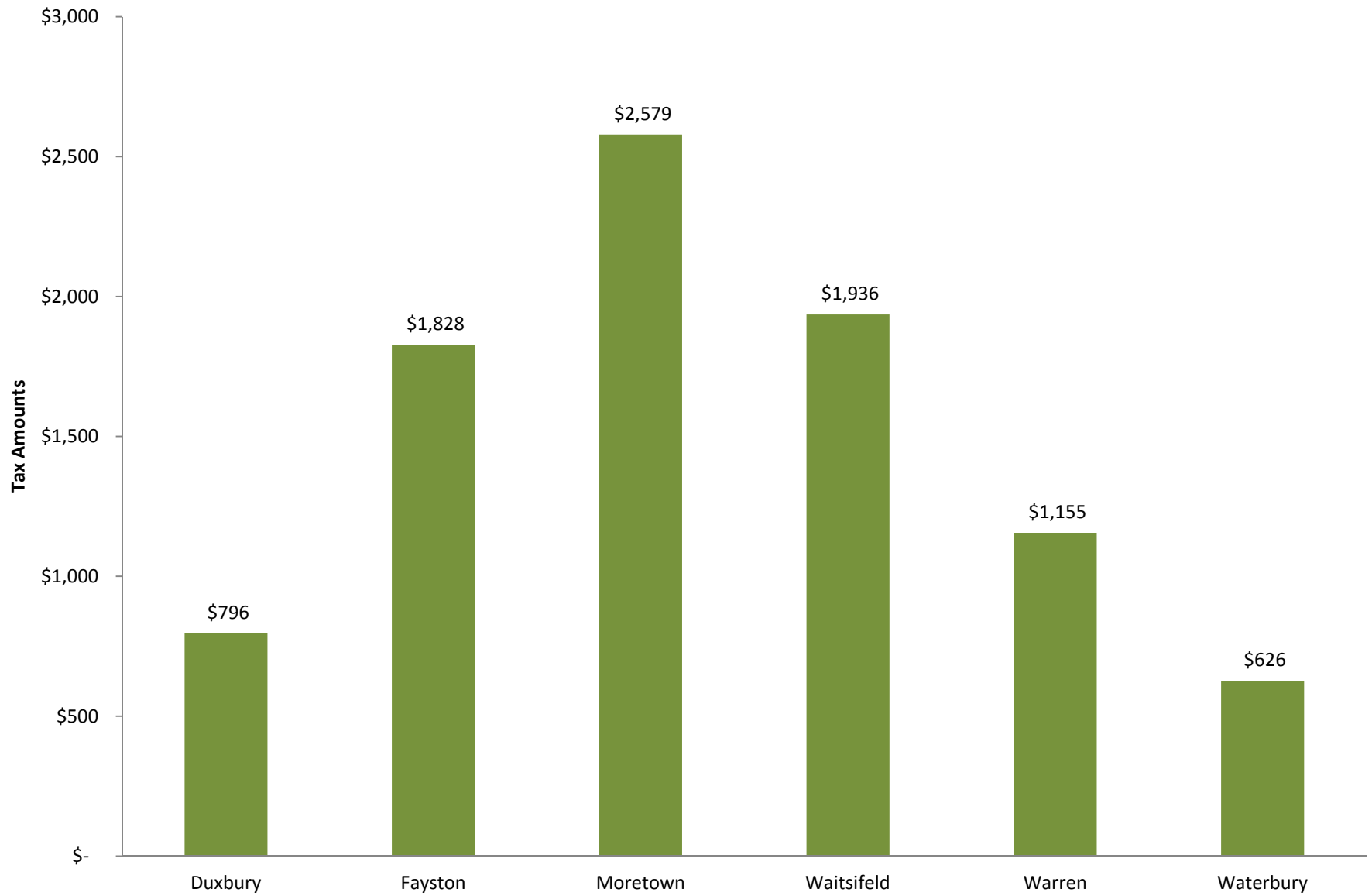
Waterbury Blended Equalized Homestead Tax Rate Estimates



Notes: Considers debt for CB construction retiring in FY2017

	Actual FY 2015-16	BASE YR FY16-17	FY17-18	FY18-19	19-20	20-21	21-22
Waterbury - No Governance Change; Do Nothing	\$1.66	\$1.62	\$1.63	\$1.68	\$1.73	\$1.79	\$1.84
Waterbury - Accelerated Merger - effective 7/1/2017	\$1.66	\$1.63	\$1.58	\$1.63	\$1.68	\$1.75	\$1.83
State Consolidates SU in FY20-21						\$1.83	\$1.88

Average, Estimated 5-Year Tax Savings on a \$300K Home



Summary Tax Rate Change Table

	Equalized Homestead Tax Rate		FY2017 CLA	Tax Rate After CLA			Accelerated Savings/Year \$300,000 Homestead	
	No Change	Accelerated		No Change	Accelerated	Accelerated		
FY2017								
Duxbury	\$ 1.64	NA	100.77%	\$ 1.62	NA	NA		
Fayston	\$ 1.64	NA	105.27%	\$ 1.56	NA	NA		
Moretown	\$ 1.75	NA	103.33%	\$ 1.70	NA	NA		
Waitsfield	\$ 1.64	NA	103.47%	\$ 1.59	NA	NA		
Warren	\$ 1.54	NA	100.33%	\$ 1.54	NA	NA		
Waterbury	\$ 1.62	NA	99.33%	\$ 1.63	NA	NA		
FY2018								
Duxbury	\$ 1.64	\$ 1.58	100.77%	\$ 1.63	\$ 1.57	\$ (0.06)	\$ (183)	
Fayston	\$ 1.68	\$ 1.58	105.27%	\$ 1.60	\$ 1.50	\$ (0.10)	\$ (292)	
Moretown	\$ 1.76	\$ 1.58	103.33%	\$ 1.70	\$ 1.53	\$ (0.18)	\$ (528)	
Waitsfield	\$ 1.69	\$ 1.58	103.47%	\$ 1.63	\$ 1.52	\$ (0.11)	\$ (321)	
Warren	\$ 1.69	\$ 1.58	100.33%	\$ 1.68	\$ 1.57	\$ (0.11)	\$ (322)	
Waterbury	\$ 1.63	\$ 1.58	99.33%	\$ 1.64	\$ 1.59	\$ (0.05)	\$ (163)	
FY2019								
Duxbury	\$ 1.69	\$ 1.63	100.77%	\$ 1.68	\$ 1.61	\$ (0.06)	\$ (191)	
Fayston	\$ 1.74	\$ 1.63	105.27%	\$ 1.65	\$ 1.55	\$ (0.11)	\$ (318)	
Moretown	\$ 1.81	\$ 1.63	103.33%	\$ 1.75	\$ 1.57	\$ (0.18)	\$ (531)	
Waitsfield	\$ 1.75	\$ 1.63	103.47%	\$ 1.70	\$ 1.57	\$ (0.12)	\$ (371)	
Warren	\$ 1.72	\$ 1.63	100.33%	\$ 1.72	\$ 1.62	\$ (0.10)	\$ (285)	
Waterbury	\$ 1.68	\$ 1.63	99.33%	\$ 1.69	\$ 1.64	\$ (0.06)	\$ (165)	
FY2020								
Duxbury	\$ 1.74	\$ 1.68	100.77%	\$ 1.73	\$ 1.67	\$ (0.06)	\$ (189)	
Fayston	\$ 1.83	\$ 1.68	105.27%	\$ 1.74	\$ 1.60	\$ (0.14)	\$ (432)	
Moretown	\$ 1.87	\$ 1.68	103.33%	\$ 1.81	\$ 1.63	\$ (0.19)	\$ (556)	
Waitsfield	\$ 1.82	\$ 1.68	103.47%	\$ 1.76	\$ 1.62	\$ (0.14)	\$ (413)	
Warren	\$ 1.77	\$ 1.68	100.33%	\$ 1.77	\$ 1.68	\$ (0.09)	\$ (270)	
Waterbury	\$ 1.73	\$ 1.68	99.33%	\$ 1.74	\$ 1.69	\$ (0.05)	\$ (156)	
FY2021								
Duxbury	\$ 1.80	\$ 1.75	100.77%	\$ 1.79	\$ 1.74	\$ (0.05)	\$ (140)	
Fayston	\$ 1.90	\$ 1.75	105.27%	\$ 1.80	\$ 1.67	\$ (0.13)	\$ (404)	
Moretown	\$ 1.93	\$ 1.75	103.33%	\$ 1.87	\$ 1.70	\$ (0.17)	\$ (505)	
Waitsfield	\$ 1.90	\$ 1.75	103.47%	\$ 1.83	\$ 1.69	\$ (0.14)	\$ (413)	
Warren	\$ 1.82	\$ 1.75	100.33%	\$ 1.82	\$ 1.75	\$ (0.07)	\$ (208)	
Waterbury	\$ 1.79	\$ 1.75	99.33%	\$ 1.80	\$ 1.76	\$ (0.03)	\$ (99)	
FY2022								
Duxbury	\$ 1.86	\$ 1.83	100.77%	\$ 1.84	\$ 1.81	\$ (0.03)	\$ (93)	\$ (796)
Fayston	\$ 1.96	\$ 1.83	105.27%	\$ 1.86	\$ 1.74	\$ (0.13)	\$ (381)	\$ (1,828)
Moretown	\$ 1.98	\$ 1.83	103.33%	\$ 1.92	\$ 1.77	\$ (0.15)	\$ (458)	\$ (2,579)
Waitsfield	\$ 1.97	\$ 1.83	103.47%	\$ 1.90	\$ 1.77	\$ (0.14)	\$ (418)	\$ (1,936)
Warren	\$ 1.85	\$ 1.83	100.33%	\$ 1.84	\$ 1.82	\$ (0.02)	\$ (70)	\$ (1,155)
Waterbury	\$ 1.84	\$ 1.83	99.33%	\$ 1.85	\$ 1.84	\$ (0.01)	\$ (44)	\$ (626)

Estimated Savings
over 5 years

Appendix E - FY2016 Staff Summary and Student/Staff Ratios

	K-6 Classroom Teachers and Teachers Teaching Core Subjects in grade 7 and up*	Pre-K Teachers	Special Ed, SLP & EEE	All Other Teachers - Art, Music, Guidance, Technology, Nurse, etc.	Total Teachers	School Administrator	Admin Support Staff	Custodial	Food Service	All Other Support Staff-Instructional Asst.'s, Library Aide's, Technology Coordinators, etc.	Total-All Staff
<u>Staff FTE</u>											
Fayston Elementary (PK-6)	6.50	0.32	1.40	4.45	12.67	1.00	1.00	1.25	2.00	3.83	21.75
Moretown Elementary (PK-6)	6.00	0.80	2.50	4.02	13.32	1.00	1.00	1.00	0.00	7.00	23.32
Waitsfield Elementary (PK-6)	7.00	0.84	3.00	4.50	15.34	1.00	1.00	1.63	0.00	6.30	25.27
Warren Elementary (PK-6)	9.00	1.50	3.30	4.20	18.00	1.00	1.00	1.38	2.00	7.20	30.58
Thatcher Brook (PK-4)	21.00	1.60	8.00	10.40	41.00	2.00	2.00	4.00	2.25	15.85	67.10
Crossett Brook (4-8)	15.22	0.00	5.50	13.10	33.82	2.00	2.00	4.00	2.50	20.30	64.62
HUHS (7-12)	37.70	0.00	13.05	28.53	79.28	4.00	3.00	6.00	7.00	27.55	126.83
WWSU											14.40
Totals	102.42	5.06	36.75	69.20	213.43	12.00	11.00	19.26	15.75	88.03	373.87
<u>Student to Staff Ratio Per Category**</u>											
Fayston Elementary (PK-6)	14.46		67.14	21.12	7.61	94.00	94.00	75.20	47.00	24.54	4.39
Moretown Elementary (PK-6)	17.50		42.00	26.12	8.39	105.00	105.00	105.00	0.00	15.00	4.66
Waitsfield Elementary (PK-6)	16.00		37.33	24.89	7.72	112.00	112.00	68.71	0.00	17.78	4.58
Warren Elementary (PK-6)	16.67		45.45	35.71	9.09	150.00	150.00	108.70	75.00	20.83	5.16
Thatcher Brook (PK-4)	17.00		44.63	34.33	9.06	178.50	178.50	89.25	158.67	22.52	5.45
Crossett Brook (4-8)	16.69		46.18	19.39	7.51	127.00	127.00	63.50	101.60	12.51	3.93
HUHS (7-12)	17.88		51.65	23.62	8.50	168.50	224.67	112.33	96.29	24.46	5.31
WWSU											0.01

*Core Subjects are considered English, Math, Science and Social Studies

**Based on 10/1/2015 K-12 Total School Enrollment, Pre-K students not included:

Fayston Elementary (PK-6)	94
Moretown Elementary (PK-6)	105
Waitsfield Elementary (PK-6)	112
Warren Elementary (PK-6)	150
Thatcher Brook (PK-4)	357
Crossett Brook (4-8)	254
HUHS (7-12)	<u>674</u>
	1746

WATERBURY-DUXBURY PLANNING COMMITTEE

Waterbury Elementary School
47 Stowe Street
Waterbury VT 05676
(802) 244-7195

Duxbury Elementary School
RD #2, Box 1150
Waterbury VT 05676
(802) 244-6639

REPORT OF THE WATERBURY-DUXBURY PLANNING COMMITTEE

Adopted by the committee on April 13, 1994

Amended by the committee on April 25, 1994

Approved by the State Board of Education on May 17, 1994

1. The school districts the committee considers necessary to the establishment of the proposed union:

The Waterbury and Duxbury School Districts are necessary to the establishment of the proposed union, for the purpose of serving grades K-8.

2. The additional school districts the committee considers advisable to be included in the proposed union:

There are no additional districts which the committee considers advisable to be included in the proposed union.

3. The class of schools to be operated:

The proposed union will operate schools serving students in grades K through 8, but the two districts would remain members of the Harwood Union High School District for grades 9 through 12.

4. The cost and general location of any proposed new schools to be constructed:

K-4 students would, for the foreseeable future, be educated at what is now known as the Waterbury Elementary School.

The proposed union would build a new middle school serving approximately 400 students in grades five through eight. The facility of approximately 62,000 square feet would cost an estimated \$5,360,000.00, less anticipated state aid of 50%.

The location of the new middle school will be in Duxbury, as near as is practicable to the Village of Waterbury.

5. The transportation, teaching staff, and curriculum to be provided:

a) Transportation: Transportation services will be provided by the proposed union to the extent called for under a policy developed by the union school board.

b) Teaching Staff: The union board will hire a teaching staff that meets the needs of the students of the union and the requirements of the State of Vermont.

c) Curriculum: The curriculum of the proposed union will meet high standards, and will be appropriate to the needs of the students of the union.

6. The indebtedness of proposed member districts which the union shall assume:

At the time the union is formed, the union shall assume the outstanding amount of the Waterbury School District debt for recent accessibility modifications made to the Waterbury Elementary School. (As of April 1, 1994: \$89,340.00)

7. The specific properties of proposed member districts which the union is to acquire, their valuation, and how the union shall pay for them:

The union shall acquire the contents of the current Waterbury Elementary School at no cost.

The union shall acquire the contents of the current Duxbury Elementary School at no cost.

The union shall acquire land suitable for the new middle school, located in Duxbury, at no cost.

The union shall acquire from the Waterbury School District what is currently known as the Waterbury Elementary School and the lot of land on which it stands, owned by the school district and located within the area bound by Stowe Street, High Street, Armory Drive, and Hillcrest Terrace. The cost of this acquisition shall be \$644,000.00, and it shall be borne by the Duxbury School District.

If the communities' respective interests in any union assets need to be determined at any given time, they shall be determined *[in]* by the ratio of *[their]* each school district's equalized grand list*[s at that time, consistent with the method of allocation of capital and operating expenses]* in the prior school year.

8. The allocation of capital and operating expenses of the union among member districts:

Capital expenses and operating expenses shall be allocated *[on the basis of an aggregate and]* by the ratio of each school district's equalized grand list in the prior

school year. The intent of this allocation method is to equalize the cost of education to all taxpayers of the union regardless of *[town]* the school district of residence.

[The proposed union shall hold its annual meeting not more than one week prior to Town Meeting Day. The annual budget of the union shall be voted by Australian ballot at the member towns' annual meeting.]

9. The method of apportioning the representation which each proposed member district shall have on the union school board:

The Board of Directors of the proposed union school district shall have five members, three of whom will be Waterbury residents, elected by the Waterbury School District, one of whom will be a Duxbury resident, elected by the Duxbury School District, and one of whom will be a resident of the proposed union, elected at large by both school districts.

The at-large board member will be elected by Australian ballot at each *[town's]* school district's annual meeting. For the purpose of election of the at-large member, the Waterbury Town Clerk will act as the clerk of the union district

10. The term of office of directors initially elected:

Initial election to a one year term:	One Waterbury member.
Initial election to a two year term:	One Waterbury member. The at-large member.
Initial election to a three year term:	One Waterbury member The Duxbury member

11. The date on which the union proposal will be submitted to the voters:

The proposal will be submitted to the voters on June 16, 1994.

12. Any other matters which the committee considers pertinent:

Continued existence of the union is contingent upon approval by voters of the withdrawal of Waterbury and Duxbury seventh and eighth graders from Harwood Union High School, and approval by voters of construction and financing of a new middle school to serve students of the proposed union.

The annual budget of the union shall be voted by Australian ballot at the member school district's annual meeting. The ballots shall be commingled.

1

PREAMBLE

The voters of the town school district of Waterbury are hereby notified and warned to meet in the auditorium of the Elementary School on Stowe Street in the Village of Waterbury on the 16th day of June 1994, to vote by Australian ballot between the hours of 7 A.M., at which time the polls will open, and 7 P.M., at which time the polls will close, upon the following articles of business:

Article I

Shall the town school district of Waterbury which the State Board of Education has found necessary or advisable to include in the proposed union school district, join with the school district of Duxbury, for the purpose of forming a union school district, as provided in title 16, Vermont Statutes Annotated, upon the following conditions and agreements:

(a) Class of schools. The proposed union will operate schools serving students in grades K through 8, but the two districts would remain members of the Harwood Union High School District for grades 9 through 12.

(b) Board of School Directors. The Board of Directors of the proposed union school district shall have five members, three of whom will be Waterbury residents, elected by the Waterbury School District, one of whom will be a Duxbury resident, elected by the Duxbury School District, and one of whom will be a resident of the proposed union, elected at large by both school districts. The term of office of directors initially elected: Initial election to a one year term: One Waterbury member, Initial election to a two year term: One Waterbury member, and the at-large member. Initial election to a three year term: One Waterbury member and The Duxbury member.

(c) Apportionment of Expenses. The allocation of capital and operating expenses of the union among member districts: Capital expenses and operating expenses shall be allocated by the ratio of each school district's equalized grand list in the prior school year. The intent of this allocation method is to equalize the cost of education to all taxpayers of the union regardless of the school district of residence.

(d) Assumption of debts and ownership of school property. The union school district shall assume the indebtedness of member districts, acquire the school properties of member districts, and pay for them, all as specified in the final report.

(e) Final Report. The provisions of the final report approved by the State Board of Education on the 15th day of May, 1994, which will be on file in the town clerk's office, shall govern the union district.

Article II

To elect 5 (five) school directors, to serve on the proposed union school district board from the date of the organization meeting for terms as provided in the final report.

Dated at Waterbury this 13th day of May 1994

Rodney E. Lysolump
K - 5 -

The voters of the Town School District of Duxbury are hereby notified and warned to meet at the Dillingham Grange in the town of Duxbury on the 16th day of June 1994, to vote by Australian ballot between the hours of 9:00 a.m., at which time the polls will open, and 7:00 p.m., at which time the polls will close, upon the following articles of business:

ARTICLE I

Shall the Town School District of Duxbury which the State Board of Education has found necessary or advisable to include in the proposed union school district, join with the School District of Waterbury, for the purpose of forming a union school district, as provided in Title 16, Vermont Statutes Annotated, upon the following conditions and agreements:

- (a) Class of Schools. The proposed union will operate schools serving students in grades K through 8, but the two districts would remain members of the Harwood Union High School District for grades 9 through 12.
- (b) Board of School Directors. The Board of Directors of the proposed union school district shall have five (5) members, three of whom will be Waterbury residents, elected by the Waterbury School District, one of whom will be a Duxbury resident, elected by the Duxbury School District, and one of whom will be a resident of the proposed union, elected at large by both school districts. The term of office of directors initially elected:
Initial election to a one-year term - one Waterbury member
Initial election to a two-year term - one Waterbury member and the at-large member
Initial election to a three-year term - one Waterbury member and the Duxbury member.
- (c) Apportionment of Expenses. The allocation of capital and operating expenses of the union among member districts: Capital expenses and operating expenses shall be allocated by the ratio of each school district's equalized grand list in the prior school year. The intent of this allocation method is to equalize the cost of education to all taxpayers of the union regardless of the school district of residence.
- (d) Assumption of Debts and Ownership of School Property. The union school district shall assume the indebtedness of member districts, acquire the school properties of member districts, and pay for them, all as specified in the final report.
- (e) Final Report. The provisions of the final report approved by the State Board of Education on the 17th day of May, 1994, which will be on file in the Town Clerk's Office, shall govern the union district.

ARTICLE II

To elect five (5) school directors to serve on the proposed union school district board from the date of the organization meeting for terms as provided in the final report.

Dated at Duxbury this 11th day of May, 1994.

Todd N. Seymour
Todd Seymour, Chair