

Landgrove School District;
Londonderry School District;
Peru School District;
Weston School District;

Regional Education District (RED)
Planning Committee Report

The Plan

January 5, 2012

Authorization to engage in this RED Planning Committee process was voted in the affirmative by the following boards of directors on the following dates:

Landgrove Board of Directors, on December 15, 2010;
Londonderry Board of Directors, on December 15, 2010;
Peru Board of Directors, on December 15, 2010;
Weston Board of Directors, on December 15, 2010;

The Commissioner of Education was advised of the formation of this RED Study Committee, pursuant to Title [16 V.S.A. § 706b](#), by letter December 16, 2010; and in that letter, Wendell Coleman was identified as chairperson of the RED Planning Committee.

Recommended Articles of Agreement, pursuant to the requirements of [Title 16, Chapter 11, Subchapter 3](#), as are set forth herein below, were agreed upon by the Planning Committee at its duly warned meeting of October 5, 2011.

**The Following Districts Are Deemed Necessary
for the Establishment of the Proposed RED**

LANDGROVE SCHOOL DISTRICT

Grades served: PreK and 9-12 (Explanation: Landgrove is a member of Flood Brook Union School District, which provides education for students in grades K-8 for each of its four member towns. High school students in Landgrove have school choice, with the vast majority of them attending Burr and Burton Academy in Manchester, VT.)

ADM¹:

	ADM (Grades Served)	Total Resident ADM (including Flood Brook, K-8)
2010-11	12.00	31.00
2009-10	12.00	27.25
2008-09	12.00	34.00

Per pupil spending¹:

	Equalized Pupils (non- FBUS only)	Spending Per Equalized Pupil (Budgeted)	State Ranking (spending per equal. pupil)	Ed. Spending Per Equalized Pupil	State Ranking (ed. spending per equal. pupil)	Act 68 Homestead Equalized Tax Rate
2010-11	12.24	\$13,330.80	235	\$12,267.48	148	\$1.23
2009-10	12.38	\$13,772.62	218	\$12,377.63	126	\$1.25
2008-09	11.67	\$13,519.45	208	\$11,900.43	133	\$1.26

Student-to-teacher, student-to-adult, administrator-to teacher, and student-to-administrator ratios:

Not applicable, as Landgrove does not operate a school.

District population (estimated as of 2009)²: **137**

Sources: ¹ Vermont Department of Education

² UVM Center for Rural Studies – VT State Data Center

LONDONDERRY SCHOOL DISTRICT

Grades served: PreK and 9-12 (Explanation: Londonderry is a member of Flood Brook Union School District, which provides education for students in grades K-8 for each of its four member towns. High school students in Londonderry have school choice, with the vast majority of them attending Burr and Burton Academy in Manchester, VT.)

ADM¹:

	ADM (Grades Served)	Total Resident ADM (including Flood Brook, K-8)
2010-11	102.00	247.00
2009-10	116.60	271.76
2008-09	120.00	281.90

Per pupil spending¹:

	Equalized Pupils (non- FBUS only)	Spending Per Equalized Pupil (Budgeted)	State Ranking (spending per equal. pupil)	Ed. Spending Per Equalized Pupil	State Ranking (ed. spending per equal. pupil)	Act 68 Homestead Equalized Tax Rate
2010-11	116.88	\$16,271.31	88	\$14,595.12	18	\$ 1.47
2009-10	118.91	\$ 17,928.86	23	\$14,727.09	7	\$1.52
2008-09	121.27	\$15,691.70	82	\$13,285.36	32	\$1.41

Student-to-teacher, student-to-adult, administrator-to teacher, and student-to-administrator ratios:

Not applicable, as Londonderry does not operate a school.

District population (estimated as of 2009)²: **1,814**

Sources: ¹ Vermont Department of Education

² UVM Center for Rural Studies – VT State Data Center

PERU SCHOOL DISTRICT

Grades served: PreK and 9-12 (Explanation: Peru is a member of Flood Brook Union School District, which provides education for students in grades K-8 for each of its four member towns. High school students in Peru have school choice, with the vast majority of them attending Burr and Burton Academy in Manchester, VT.)

ADM¹:

	ADM (Grades Served)	Total Resident ADM (including Flood Brook, K-8)
2010-11	23.00	60.00
2009-10	27.00	57.00
2008-09	28.00	66.00

Per pupil spending¹:

	Equalized Pupils (non- FBUS only)	Spending Per Equalized Pupil (Budgeted)	State Ranking (spending per equal. pupil)	Ed. Spending Per Equalized Pupil	State Ranking (ed. spending per equal. pupil)	Act 68 Homestead Equalized Tax Rate
2010-11	25.68	\$14,805.92	172	\$14,944.43	11	\$1.54
2009-10	24.29	\$16,140.68	94	\$13,852.16	30	\$ 1.39
2008-09	22.22	\$15,190.46	104	\$12,810.31	72	\$1.36

Student-to-teacher, student-to-adult, administrator-to teacher, and student-to-administrator ratios:

Not applicable, as Peru does not operate a school.

District population (estimated as of 2009)²: **424**

Sources: ¹ Vermont Department of Education

² UVM Center for Rural Studies – VT State Data Center

WESTON SCHOOL DISTRICT

Grades served: PreK and 9-12 (Explanation: Weston is a member of Flood Brook Union School District, which provides education for students in grades K-8 for each of its four member towns. High school students in Weston have school choice, with the vast majority of them attending Burr and Burton Academy in Manchester, VT.)

ADM¹:

	ADM (Grades Served)	Total Resident ADM (including Flood Brook, K-8)
2010-11	27.00	73.00
2009-10	29.00	78.40
2008-09	31.00	82.00

Per pupil spending¹:

	Equalized Pupils (non- FBUS only)	Spending Per Equalized Pupil (Budgeted)	State Ranking (spending per equal. pupil)	Ed. Spending Per Equalized Pupil	State Ranking (ed. spending per equal. pupil)	Act 68 Homestead Equalized Tax Rate
2010-11	26.16	\$17,017.93	54	\$15,061.96	9	\$ 1.57
2009-10	30.62	\$ 16,752.71	56	\$12,886.02	88	\$ 1.30
2008-09	36.35	\$15,535.41	86	\$12,985.50	61	\$1.38

Student-to-teacher, student-to-adult, administrator-to-teacher, and student-to-administrator ratios:

Not applicable, as Weston does not operate a school.

District population (estimated as of 2009)²: **631**

Sources: ¹ Vermont Department of Education

² UVM Center for Rural Studies – VT State Data Center

FLOOD BROOK UNION SCHOOL DISTRICT**Grades served: Kindergarten through Grade 8**ADM¹:

	ADM (K-8)
2010-11	247.00
2009-10	256.81
2008-09	267.90

Per pupil spending¹:

	Equalized Pupils	Spending Per Equalized Pupil (Budgeted)	State Ranking (spending per equal. pupil)	Ed. Spending Per Equalized Pupil	State Ranking (ed. spending per equal. pupil)	Act 68 Homestead Equalized Tax Rate
2010-11	261.56	\$18,101.67	30	\$13,826.54	41	\$1.39
2009-10	268.20	\$17,733.96	31	\$13,651.17	41	\$1.37
2008-09	273.05	\$17,706.88	24	\$13,524.93	22	\$1.43

Student-to-teacher, student-to-adult, administrator-to teacher, and student-to-administrator ratios¹:

	Student-to-Teacher Ratio	Student-to-Adult Ratio	Admin.-to-Teacher Ratio	Student-to-Admin. Ratio
2010-11	11.00	4.77	13.00	143.00
2009-10	11.65	5.02	13.00	151.50
2008-09	11.70	5.56	13.55	158.53

Total district population – 4 towns (estimated as of 2009)²: 3,006Sources: ¹ Vermont Department of Education² UVM Center for Rural Studies – VT State Data Center

**The Following Districts Are Deemed Advisable
for the Establishment of the Proposed RED**

NONE AT THIS TIME

Planning Committee Members

Wendell Coleman, Chairperson

Charlie Cave

Carrie Chalmers

Esther Fishman

Doug Friant

Debra Lyneis

Jim Mooney

Andrea Ogden

Dianne Yelton

Jeanne Zammataro

Nancy Westlund, Retired

David Adams, Superintendent of Schools,

Patrick Walters, Principal, Flood Brook Union School

Meredith Austin, Business Manager, Windsor South West Supervisory Union

Articles of Agreement

The Planning Committee recommends that the following Articles of Agreement be approved by the electorates of each of the named school districts in order to create a RED to be named Mountain Towns Regional Education District.

Article 1

The School Districts of Landgrove, Londonderry, Peru, and Weston (hereinafter referred to as the “forming districts”) are necessary to the establishment of the Mountain Towns RED.

Article 2

The member school districts of the Mountain Towns RED have worked increasingly over the past several years to consolidate management and educational services, master employee contracts and to otherwise bring about effective and efficient operating procedures and practices. Through this process, both formal and informal agreements, management systems and operating procedures have evolved between and among these member school districts, laying a foundation for the creation of the Mountain Towns Regional School District.

Article 3

The Mountain Towns RED will operate grades K - 8 and offer parental choice for grades 9 – 12, and will offer Pre-K education as determined by the Mountain Towns RED Board.

Article 4

Beginning July 1, 2013, the Mountain Towns RED Board will be responsible for adopting policies regarding the transportation of the publicly-funded students of the district consistent with the centralization of transportation provision of Act 153.

Article 5

The RED will honor all pre-existing master and individual contracts that are in place for the forming school districts on July 1, 2013. These master and individual agreements will continue until their respective specified termination dates.

Article 6

The combining/forming districts of the RED recognize their obligations, pursuant to Act 153 of 2010, Section 9, to standardize curricula, and to otherwise standardize their operations within existing Supervisory Unions boundaries, on or before July 1, 2013.

Article 7

Any and all operating deficits and/or surpluses of any of the combining/forming districts shall become the property, and/or the obligation, of the RED on or before June 30, 2013.

Article 8

The combining/forming districts will convey to the RED all of their school-related real and personal property, for One Dollar, and the RED will assume all capital debt associated therewith, effective on or before June 30, 2013.

In the event that, and at such subsequent time as, the RED determines that any of the real property, including land and buildings, conveyed to it by one or more of the combining/forming districts is or are unnecessary to the continued operation of the RED, and its educational programs, the RED shall convey such real property, for the sum of One Dollar, and subject to all encumbrances of record, to the town in which it is located.

Article 9

A combining/forming town/district's representation on the RED Board will be closely proportional to the fraction that its population bears to the aggregate population of the RED. Initial RED Board composition will be based upon the year 2010 Federal Census, and shall be recalculated promptly following the release of each subsequent decennial census. However, at no time will a combining/forming town/district have less than one board member on the RED Board. Subject to the previous sentence, each proportionality calculation shall be rounded to the nearest whole number.

Number of School Board Members by Town/City

Landgrove	1 Member
Londonderry	4 Members
Peru	1 Member
Weston	2 Members
Total	8 Members

Article 10

RED Board Members will be elected for three-year terms, except for those initially elected at the time of the formation of the RED. In the initial RED Board Member terms of office will be as follows:

Distribution of Initial One-Year, Two-Year and Three-Year Terms

Town/City	1 Year Term	2 Year Term	3 Year Term
Landgrove			X
Londonderry	XX	XX	
Peru			X
Weston		X	X

Article 11

The proposal for forming this RED will be presented to the voters of each member school district which is designated as “necessary,” and to the voters of each district which is designated as “advisable,” on March 6, 2012, at which time the required RED Board Members will also be elected.

Article 12

Upon an affirmative vote of the electorates of the school districts which are necessary, and upon compliance with 16 V.S.A. § 706g, the RED shall have and exercise all of the authority which is necessary in order for it to prepare for full operation beginning on July 1, 2013 in accordance with statutes.

Article 13

The Mountain Towns RED will propose annual budgets in accordance with 16 VSA, Chapter 11. Voting on these budgets will be by floor vote as prescribed by 16 VSA§428.

Article 14

The Landgrove, Londonderry, Peru, Weston School Districts and Flood Brook Union School District and their boards, shall remain in existence after the effective operation date of the RED district (July 1, 2013) but only for so long as is reasonably necessary for the purpose of completing any business not concluded prior to (or at) the creation of the RED. All such uncompleted business shall be completed as soon as practicable, and in no event any later than June 30, 2014.

Article 15

Attach Cost Benefit Analysis.(See form at Attachment A)

Article 16 (See form at Attachment B)

The current grade configuration and high school choice model will be maintained by the RED.

Article 17

All K-8 students who are residents of Landgrove, Londonderry, Peru and Weston will attend the Flood Brook School. All resident high school students will attend a public high school or an approved independent high school of their choice. Resident pre-school students may attend any approved pre-school in accordance with statutes.

Article 18

The RED school board shall provide opportunity for local input on policy and budget development by annually conducting at least two public meetings at each public school operated by the RED. At least one of the public meetings shall concern school budget development and shall be held prior to the school board's adoption of a fiscal year school budget. The Board will clearly warn all matters of policy to be discussed and may call special public meetings to discuss matters of public concern to the board and the community.

Article 19

The forming districts are currently the member districts of the Flood Brook Union School District No. 20, and grade K-8 pupils of the forming districts attend the Flood Brook School in Londonderry. If the RED is formed, the Flood Brook Union School District No. 20 shall transfer any and all operating deficits and/or surpluses to the Mountain Towns Regional Education School District effective June 30, 2013 and such surpluses/deficits shall become the property, and/or the obligation, of the Mountain Towns Regional Education School District. The Flood Brook Union School District shall also convey to the Mountain Towns Regional Education School District all of its school-related real and personal property, for One Dollar, effective June 30, 2013 and the Mountain Towns Regional Education School District will assume all capital debt associated therewith. During the period prior to July 1, 2013, the Mountain Towns Regional Education School District shall be authorized to receive funds from and use property of the Flood Brook Union School District, subject to the reasonable discretion of the Flood Brook Union School District Board of School Directors. The Flood Brook Union School District shall cease to operate at midnight on June 30, 2013 and shall thereafter be dissolved and cease to exist as soon as reasonably possible following completion of all business necessary to transfer operation of the district to the Mountain Towns Regional Education School District.

Article 20

The RED will honor all pre-existing master and individual contracts that are in place for the Flood Brook Union School District on July 1, 2013. These master and individual agreements will continue until their respective specified termination dates.

Article 21

The RED Study Committee's request for approval of a plan pursuant to 16 VSA § 706c is contingent upon the State Board of Education's agreement that the RED be regrouped into the Bennington-Rutland Supervisory Union.

Attachment A Cost Benefit Analysis

Efficiencies will be gained through the creation of a RED in the following areas;

Improved student opportunities and outcomes

As the RED affiliates with the BRSU, the overwhelming majority of its students will become part of a common K-12 learning community. One board will follow these students up through their high school experience. In so doing, the board and the educational leaders will be better able to offer a cohesive, personalized educational experience for all RED students. This is clearly a great advantage.

This expanded educational ecosystem as imagined by our local school leaders will become the means by which the RED's curricular goals and improved student opportunities and outcomes may be realized through new possibilities for: increased offerings in world languages; more articulated and connected curricula providing increased sequential offerings; and a wider variety of course offerings on the middle school level through shared opportunities or distance learning programs within the SU.

Currently Flood Brook School, as a result of the directives of Act 153, and because it is best practice, must seek to find horizontal curriculum coordination and vertical curriculum alignment with other elementary schools within the WSWSU and align its curricular scope and sequence with high schools in two different SUs. Going forward, as part of the BRSU, the focus would be specifically in one SU, wherein Flood Brook School would be part of a single SU-wide program of horizontal curricular coordination and vertical curricular alignment. Students in the RED will be part of a common K-12 scope and sequence and curricula based on the Flood Brook K-8 program, its horizontal curricular coordination with the rest of the BRSU's K-8 schools and its planned developmental curricular interface with the 9-12 curricula. This connectedness will enable better oversight of individual needs, whether they are for enrichment, remediation or special needs. Current thinking clearly indicates that seeking means to better individualize education for each student will improve their performance. A unified board would be better able to achieve these results

While the vast majority of the RED's high school students attend Burr and Burton Academy (95+/-%), those families who wish to exercise a high school choice option other than BBA will continue to be free to do so. Students and teachers will become both part of and partners in an educational ecosystem whose culture of high school choice is similar to that of the RED

Reducing the number of board members from the current twenty to eight and the number of boards from five to one, will free administrators' time to focus on educational opportunities. Finally, a board focused on the PreK-12 continuum of our students can better oversee the implementation of necessary changes and improvements.

Technology

The Mountain Towns RED will support and expand opportunities using technology in learning activities and faculty integration of technology through a PreK-12 continuum of instructional practices.

Teacher staffing

The RED will operate only one K-8 school. As a result of the RED there will be no significant changes in teaching staff or other professional staff. Special education and other professional staff whose employment is to be transitioned to the Supervisory Union will be provided with all of the obligations of the existing collective bargaining agreements until their expirations, pursuant to Section 9 of 16 V.S.A. § 261 (a)6.

Non-teacher staffing

The RED will operate only one K-8 school. As a result of the RED there will be no significant changes in non-teaching staff or other non-instructional staff. These staff, as well as these categories of staff whose employment is to be transitioned to the Supervisory Union will be provided with all of the obligations of the existing collective bargaining agreement until their expiration and new collective bargaining agreements are agreed to.

Student data collection and reporting

Collecting, reporting and analyzing student data from PreK-12 supports coordination, continuity and responsible allocation of resources. Data compilation and analysis as a RED, optimizes the capacity of our curriculum and data collection, creates a user-friendly reporting tool and affords more opportunities for universal and streamlined training of staff. A single RED board would write, implement and monitor strategic plans for its PreK-12 students. Each grade would be a part of a common K-12 scope and sequence and curricula. Focus would shift from local town school boards responsible for the needs and results of their local high school population to a RED, a single board that would govern a PreK-12 system and have improved accountability for K-12 outcomes. Consistent curriculum articulation, evaluation and the reporting about such articulation and evaluation to the district and its communities is improved with a superintendent reporting to one district with common purpose rather than five districts with differing sets of purposes.

Financial accounting and budgeting

The realignment of the RED with BRSU will provide the district with access to the most current and transparent financial management system. The formation of a unified school district could streamline accounting systems by creating a single PreK-12 budget rather than one K-8 budget and four PreK and 9-12 budgets, replacing five different assessments to member school districts with one RED assessment for costs incurred at the supervisory union level. Homestead tax rates will be simplified for member towns by creating a single, unified PreK-12 tax rate. There will be cost savings through fewer audits and one rather than 5 budget votes; There would be one RED treasurer, thus reducing required town offices' services and providing more consistent processes and applications of generally accepted accounting principles. Annual reports, ADM data and other state/ D.O.E. and/or S.U.-required documents would be reduced from five to one. **(Also see attachment 1 and additional financial data, Appendix 1, presented in Excel format**

Improved utilization of buildings and sport facilities

The Building and sports facilities located at the Flood Brook School will continue to be utilized by the K-8 students attending that school and by community groups who currently, or in the future, may request usage dependent upon available space. As the RED will not provide any high school programs on its own campus, no needed or desired changes in the facilities are anticipated.

Centralized contracting

While Flood Brook currently participates in a centralized S.U. fuel oil purchase agreement, we imagine future savings in the following areas: school supplies, maintenance supplies and technology, among others. Savings would be realized by combining service and supply orders within the SU.

Transportation

The Study Committee recommends that K-8 transportation services remain as is presently provided by the Flood Brook Union School District. The Study Committee further recommends that a transportation policy for students in grades 9-12 be adopted that continues to provide transportation to public and independent high schools already served by the member town school districts. Further, it recommends adopting a policy that establishes a transportation dollar amount reimbursement cap and plan for parents who transport their students to public and approved independent high schools to which transportation is not provided.

Food service

Food service for students in grades K-8 attending the Flood Brook School will continue to be delivered in its current model. There is no food service currently provided to high school students and none is anticipated to be provided by the RED.

Attachment B School Choice Options

Describe the grades which are presently served by combining/forming districts, and their building configurations (before the proposed merger).

Landgrove, Londonderry, Peru, and Weston are the member towns/districts that comprise the Flood Brook Union School District. High-school students from these communities have school choice. Students in grades K-8 from these four communities attend Flood Brook Union School. Pre-school students may attend approved pre-schools in accordance with statutes.

Describe the grades which will be served by the RED after its creation, and their building configurations.

There will be no change of status with regards to the building configurations as a result of these four communities and Flood Brook Union School District forming the proposed RED. After the RED's creation grades PreK-12 will be served by a single board.

Describe any expansion or diminishment of school choice options that will result from the creation of the proposed RED.

There will be no expansion or diminishment of school choice options as a result of the creation of the proposed RED.

Describe the present status of your Act 150 partnerships ([16 VSA 1621 and 1622](#)), and any planned expansion or diminishment thereof.

Landgrove, Londonderry, Peru and Weston are not engaged in any Act 150 partnerships.

Describe any plans, or any discussions that have occurred, regarding designation one or more public or private schools.

The Town School Districts of Landgrove, Londonderry, Peru and Weston have chosen not to designate any public or private high schools and will continue to offer high school choice to the students who are residents of the RED. Resident students in grades K-8 will attend the designated Flood Brook School for those grades.

Describe any plans, or any discussions that have occurred, regarding closure of schools.

There are no plans, nor have there been any discussions, to close Flood Brook School.

ATTACHMENT 1

FINANCIAL, ACCOUNTING AND BUDGETING (Central Office Function)

The merger of the Landgrove, Londonderry, Peru and Weston town school districts with the Flood Brook Union School District into a Regional Education District (RED) will create a more efficient and streamlined school district fiscal operation. The merger will simplify and/or provide cost savings in these areas: 1) accounting, 2) budgeting and 3) finances. All school district fiscal functions will be under the control of one school board reducing duplication that exists under the current school organizational structure.

Budgeting

The central office for the Mountain Towns RED will develop one budget rather than the five now required under the current school district organization. The expenses for the four Mountain Towns will be aggregated which will minimize the impact of fluctuating student enrollment patterns and better meet specific student needs by distributing cost over a larger student population. This will create a more consistent process that will simplify the work load at the district business office and provide for a more efficient and effective budget process.

Accounting

One budget for the RED will simplify the accounting of all district finances, especially the processing and recording of payables, payroll and revenues. Again, this will reduce workload as well as simplify accounting tasks now necessary with five (5) school budgets under the current organizational structure. In addition the number of annual reports for the Mountain Towns as well as statistical and census reports required by the Department of Education will be reduced to one. This will streamline the accounting process and save duplication of staff effort in producing these documents.

With the anticipated move of the RED to the BRSU, the new accounting software that the BRSU is adopting will be available to the new district. Because BRSU is beta testing for the software vendor, the cost of this updated software program will be a minimal expense to BRSU and will provide a state of the art program for the accounting task for the RED. It will be a more comprehensive package designed to handle the financial complexities for the reports and functions required by the Department of Education and the new federal audit requirements.

Financial

The RED will provide a financial benefit for the four high school choice town school districts. The merger will provide greater financial capacity for each town that will reduce the chance that the equalized per pupil cost will exceed the state threshold equalized per pupil spending. Currently two(2) of the four(4) towns exceed the threshold spending for equalized spending because spikes in student population due to in- and out-migration, ratio of elementary to secondary students, special education costs, and/or variations in pupil count, among other

variables which penalize these communities with a higher Homestead Tax Rate. Combining the four towns with the Flood Brook Union School District will provide a cushion that will bring down the equalized per pupil spending below the threshold amount. This will lessen the possibility that the Homestead Tax Rate for one or more towns will not exceed the threshold per pupil spending limit.

Grant Funds

The Mountain Towns and Flood Brook Union School would bring considerable IDEA and Title I and II funds to the BRSU with the merger. The IDEA funds would be used to cover increased psychologist costs and/or to reduce the amount to be raised for the Special Education administration assessment. The model being presented in this report suggests that \$55,000 of IDEA funds would be available to offset the above expenses.

The Title I and II funds, unknown at this time, would be used to support staff development, technology and other professional training activities to benefit the BRSU and the Mountain Towns.

Cost Savings

The Mountain Towns will realize a significant cost savings by merging into a RED and joining the BRSU. The financial benefits will fall into three (3) areas: 1) reduced assessment from the BRSU, 2) less duplication of reporting and a more consistent accounting and budgeting system and 3) a more stable Homestead Tax Rate that will not be impacted by the equalized per pupil spending threshold. The savings will be in excess of \$144,000.

First, the BRSU with the addition of the Mountain Towns will have an increased child count, over 2100 students, that will spread the BRSU assessments proportionally over each entity in the Supervisory Union. This will reduce the Mountain Towns assessment substantially under what they are presently assessed in the WSWSU.

Second, the Mountain Towns will benefit from reduced duplication of required reports and a more consistent accounting and budgeting system. This will lessen the central office workload and with fewer school boards reduce required annual and statistical reports. The reduced workload will be a direct time savings for the staff thus resulting in a small but significant savings for the finance department.

Third, because Flood Brook Union School is already a unified K-8 school district, the towns of Landgrove, Londonderry, Peru and Weston, with high school choice, have few high school students and often have high equalized per pupil spending that exceeds the threshold spending per pupil. The RED will provide a more stable tax rate less impacted by fluctuating enrollment patterns by aggregating education costs over a larger student population. In particular, spikes, as described above, in one town will be aggregated with the other members of the RED to absorb the financial impact of special needs students on the equalized per pupil spending.

POTENTIAL MERGER SAVINGS FOR THE MOUNTAINS TOWNS REGIONAL EDUCATION DISTRICT:

Potential Reductions in Merger	Amount
VSBA Dues	\$ 500
Legal Fees	1,500
Audit Fees	7,200
Directors' Fees	1,000
School Board Expenses	250
Bookkeeping Office at Flood Brook	11,350
Reduced Bill back Expenses	7200
Reduced SU Assessments as BRSU member	<u>109,575</u>
Total Estimated Savings	\$138,575

Estimated Impact of Local Tax Rates with State Incentives

	Landgrove	Londonderry	Peru	Weston
Local Homestead Tax Rate for FY12 ***	1.3401	1.5057	1.3402	1.5584
Proposed RED Homestead Tax Rate (no 5% cap) **	1.3182	1.3639	1.3119	1.4598
Estimated Local RED Homestead Tax Rate (with 8 cent state incentive and 5% cap on rate change)	1.3182	1.3639	1.3585	1.6458
Change in Local Tax Rate under RED *	-0.0219	-0.1418	+0.0183	+0.0874

* The calculations used in this illustration reflect the proposed FY12 budget totals. The reductions and/or increases include the 8 cents incentive in the first year of the implementation of the merger.

** These calculations represent the projected Homestead Tax Rate without the 5 percent cap on the tax rate increase or decrease from the previous year's Homestead Tax Rate. Both Peru and Weston have a tax rate that exceeds the Act 153 limitation on the Homestead Tax Rate decrease.

*** The Weston Homestead Tax Rate for FY12 dropped significantly from FY11 because \$18,234 of their previous year's fund balance was used as revenue to reduce the FY12 budget; thereby creating an anomalous Homestead Tax Rate. This is a onetime reduction which will not be available for the FY13 budget.

**** It should be noted that the state incentives in years 2-4 decline each year for the term of the incentive program. The incentive starts at 8 cents for the first year and thereafter (6 cents year two, 4 cents year three and 2 cents year four).

ATTACHMENT 2

DEMOGRAPHICS AND ENROLLMENT PROJECTIONS

FOR THE

MOUNTAIN TOWNS SCHOOL DISTRICTS

BY

STATISTICAL FORECASTING LLC

OCTOBER 2011

A. Selected Demographic Characteristics

In Table 1 below, selected demographic characteristics of the towns of Londonderry, Weston, Landgrove, and Peru are compared from the 2000 Census, the 2005-2009 American Community Survey (ACS), and the 2010 Census. As of this writing, limited amounts of data from the 2010 Census have been released at the municipal level and will not likely be available until late 2011 or 2012. As a proxy for the 2010 Census, ACS data was used when 2010 data were not available. ACS data represents a sample collected over a 5-year time period, where the estimates represent the average characteristics between January 2005 and December 2009. This information does not represent a single point in time like Census data. In addition, since ACS data is from a sample, margins of error exist for all of the results.

1. Londonderry Town

Located in Windham County, Londonderry had 1,769 residents in 2010, which is a small gain from its population in 2000 (1,709). Regarding ethnicity, Londonderry was 98.0% White in 2010, which is also similar to its ethnic breakdown from 2000. The Census Bureau does not consider Hispanic as a separate race; rather it identifies the percent of people having Hispanic origin. The concentration of persons having Hispanic origin doubled as 1.0% were categorized as Hispanics in 2010 as compared to 0.5% in 2000.

The median age in Londonderry has increased from 41.5 years in 2000 to 46.0 years in 2010. During the same time period, the percentage of people under the age of 18 years, which corresponds to school-age children, has declined from 21.9% to 19.1%.

Regarding educational attainment for adults aged 25 and over, 31.1% of the population had a bachelor's degree or higher in 2005-2009 as compared to 24.4% in 2000.

Median family income has increased from \$48,000 in 2000 to \$56,176 in 2005-2009. During this time period, the percentage of children under the age of 18 that are in poverty has increased from 9.2% in 2000 to 16.9% in 2005-2009.

Regarding housing, there were approximately 1,476 housing units in Londonderry in 2010, of which 53.5% were occupied. The low occupancy rate is related to the number of second-home owners in the community that are not occupying the homes as their primary residence. Of the occupied homes, 76.3% were owner-occupied in 2010. The median home price of an occupied unit in 2005-2009 was \$223,100, which is nearly double the value reported in 2000 (\$121,900).

2. Weston Town

Located in Windsor County, Weston's population declined from 630 in 2000 to 566 in 2010. In 2010, Weston was 98.1% White as compared to 97.0% in 2000. The concentration of persons having Hispanic origin declined from 1.7% in 2000 (11 persons) to 0.2% (1 person) in 2010.

The median age in Weston has increased from 50.4 years in 2000 to 55.7 years in 2010. The percentage of people under the age of 18 years has decreased from 18.6% in 2000 to 13.8% in 2010, which corresponds to school-age children.

Regarding educational attainment for adults aged 25 and over, 52.0% of the population had a bachelor's degree or higher in 2005-2009, which is an increase from the 41.6% reported in 2000.

Median family income has increased from \$57,500 in 2000 to \$66,667 in 2005-2009. The percentage of children under the age of 18 that are in poverty has declined from 5.4% in 2000 to 0.0% in 2005-2009.

Regarding housing, there were approximately 565 housing units in Weston in 2010, of which 46.4% were occupied. Like Londonderry, the low occupancy rate is related to the number of second-home owners in the community. Of the occupied homes, 81.3% were owner-occupied in 2010. Median home price of an occupied unit in 2005-2009 was \$324,400, which is more than double the value reported in 2000 (\$153,400).

3. Landgrove Town

Located in Bennington County, Landgrove's population has increased from 144 in 2000 to 158 in 2010. With respect to ethnicity, Landgrove is approximately 99% White, which is similar to its ethnic makeup as 2000. The concentration of persons having Hispanic origin in 2010 is 0.6% (1 person) as compared to 0.0% in 2000.

The median age in Landgrove has increased from 45.3 years in 2000 to 53.5 years in 2010. During the same time period, the percentage of people under the age of 18 years has decreased from 23.6% to 19.0%, which corresponds to school-age children.

Regarding educational attainment for adults aged 25 and over, 53.7% of the population had a bachelor's degree or higher in 2005-2009, which is a large decline from the 74.1% in 2000.

Median family income has increased from \$55,625 in 2000 to \$61,458 in 2005-2009. The percentage of children under the age of 18 that are in poverty has declined from 23.8% in 2000 to 11.1% in 2005-2009.

With respect to housing, there were approximately 164 housing units in Landgrove in 2010, of which 45.1% were occupied. Like the previous communities, the low occupancy rate is related to the number of second-home owners in the community. Of the occupied homes, 77.0% were owner-occupied in 2010. Median home price of an occupied unit in 2005-2009 was \$434,400, which is 65.5% greater than the value reported in 2000 (\$262,500).

Table 1
Selected Demographic Characteristics

	Londonderry		Weston		Landgrove		Peru	
	2000	2005-2009, 2010 ²	2000	2005-2009, 2010 ²	2000	2005-2009, 2010 ²	2000	2005-2009, 2010 ²
Total Population	1,709	1,769	630	566	144	158	416	375
Race Origin								
White	98.6%	98.0%	97.0%	98.1%	99.3%	98.7%	97.8%	94.9%
Black/African American	0.1%	0.3%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%
American Indian/ Alaska Native	0.2%	0.1%	1.0%	0.0%	0.0%	0.0%	0.0%	0.8%
Asian	0.5%	0.7%	0.6%	0.7%	0.7%	0.0%	0.2%	0.0%
Native Hawaiian/ Pacific Islander	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other Race	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%
Two or more Races	0.6%	0.9%	1.1%	0.9%	0.0%	1.3%	1.9%	4.0%
Total	100.0%¹	100.0%¹	100.0%¹	100.0%¹	100.0%¹	100.0%¹	100.0%¹	100.0%¹
Hispanic Origin	0.5%	1.0%	1.7%	0.2%	0.0%	0.6%	0.7%	1.3%
Age								
Under 18	21.9%	19.1%	18.6%	13.8%	23.6%	19.0%	25.7%	20.8%
18-64	61.5%	62.7%	58.9%	52.8%	63.2%	51.3%	59.4%	62.1%
65 and over	16.6%	18.2%	22.5%	33.4%	13.2%	29.7%	14.9%	17.1%
Median age (yrs.)	41.5	46.0	50.4	55.7	45.3	53.5	40.9	47.8
Educational Attainment								
High school graduate or higher	80.4%	87.8%	91.4%	96.3%	93.8%	94.8%	86.3%	96.8%
Bachelor's degree or higher	24.4%	31.1%	41.6%	52.0%	74.1%	53.7%	40.1%	31.9%
Income								
Median family income	\$48,000	\$56,176	\$57,500	\$66,667	\$55,625	\$61,458	\$54,063	\$59,583
Percentage of Persons in Poverty under age 18	9.2%	16.9%	5.4%	0.0%	23.8%	11.1%	0.0%	14.3%

	Londonderry		Weston		Landgrove		Peru	
	2000	2005-2009, 2010 ²	2000	2005-2009, 2010 ²	2000	2005-2009, 2010 ²	2000	2005-2009, 2010 ²
Housing Units								
Total number	1,317	1,476	537	565	153	164	445	697
Occupied units	730 (55.4%)	790 (53.5%)	283 (52.7%)	262 (46.4%)	64 (41.8%)	74 (45.1%)	157 (35.3%)	165 (23.7%)
Owner-Occupied units	528 (72.3%)	603 (76.3%)	219 (77.4%)	213 (81.3%)	48 (75.0%)	57 (77.0%)	125 (79.6%)	128 (77.6%)
Renter-Occupied units	202 (27.7%)	187 (23.7%)	64 (22.6%)	49 (18.7%)	16 (25.0%)	17 (23.0%)	32 (20.4%)	37 (22.4%)
Median value of an owner-occupied unit	\$121,900	\$223,100	\$153,400	\$324,400	\$262,500	\$434,400	\$167,200	\$259,700

Sources: American Community Survey (2005-2009), United States Census Bureau (2000 and 2010)

Notes: ¹Data may not sum to 100.0% due to rounding.

²Data shaded orange are from 2010 Census while data shaded blue are from 2005-2009 American Community Survey

4. Peru Town

Located in Bennington County, Peru's population slightly declined from 416 in 2000 to 375 in 2010. With respect to ethnicity, Peru is approximately 94.9% White, which is less than the 97.8% reported in 2000. The concentration of persons having Hispanic origin in 2010 is 1.3% as compared to 0.7% in 2000.

The median age in Peru has increased from 40.9 years in 2000 to 47.8 years in 2010. During the same time period, the percentage of people under the age of 18 years has decreased from 25.7% to 20.8%, which corresponds to school-age children.

Regarding educational attainment for adults aged 25 and over, 31.9% of the population had a bachelor's degree or higher in 2005-2009, which is a decline from the 40.1% in 2000.

Median family income has increased from \$54,063 in 2000 to \$59,583 in 2005-2009. The percentage of children under the age of 18 that are in poverty has increased from 0.0% in 2000 to 14.3% in 2005-2009.

With respect to housing, there were 697 housing units in Peru in 2010, of which only 23.7% were occupied. Like the previous communities, the low occupancy rate is related to the number of second-home owners in the community. Of the occupied homes, 77.6% were owner-occupied in 2010. Median home price of an occupied unit in 2005-2009 was \$259,700, which is 55.3% greater than the value reported in 2000 (\$167,200).

B. Birth Data

Birth data for each of the communities were provided by the Vermont Department of Health (VTDOH) for 2001-2008 and are shown in Table 2. Birth data are used to project the number of kindergarten students that enroll in a school district five years later. Of the four communities, Londonderry has consistently had the greatest number of births during this time period, ranging between 15-24 births per year. The number of births occurring to residents of Weston, Landgrove, or Peru has been minimal, ranging between 0-6 births per year. The total number of births of the four communities has ranged between 22-33 births per year, with no apparent increasing or declining trend. At the state level, the number of births has ranged between 6,341 and 6,597 births per year. This is a sharp decline from the number of births that occurred just over twenty years ago in 1990 (8,292). Since the VTDOH did not have birth data for 2009 and 2010, estimates were formulated by averaging the number of births from 2004-2008. Birth rates were needed for 2009 and 2010 since these cohorts will become the kindergarten classes of 2014 and 2015.

Table 2
Number of Births by Community

Year ¹	Londonderry	Weston	Landgrove	Peru	Four-Community Total	Vermont
2001	20	0	2	3	25	6,367
2002	24	5	2	2	33	6,386
2003	16	2	2	2	22	6,589
2004	23	4	1	4	32	6,597
2005	17	1	0	2	20	6,475
2006	18	6	0	4	28	6,510
2007	23	0	2	6	31	6,514
2008	15	3	0	4	22	6,341
2009 ²	19	3	1	4	27	N/A
2010 ²	19	3	1	4	27	N/A

Notes: ¹Birth data were provided by the Vermont Department of Health for 2001-2008.

²Birth rates for 2009 and 2010 were estimated by computing the mean number of births from 2004-2008.

C. Enrollment Projection Methodology

In this study, historical enrollments by town were provided by the Flood Brook Union School for grades K-8 to project enrollment for five years into the future. Flood Brook Union Board members from the four communities researched their local town records for the historical number of high school students by grade. Unfortunately, this information was not available for Londonderry. Instead, Burr and Burton Academy, which educated most of the Londonderry high school students, provided the historical number of Londonderry students by grade.

Due to the very small grade counts, with grades containing fewer than 10 students in Weston, Landgrove and Peru, the most common enrollment projection technique, the Cohort Survival Ratio method, was not used. In that method, survival ratios would fluctuate greatly with the entering or exiting of just a few students. Instead, the Grade Progression Differences (GPD) method was used. In this method, the change in the number of students, as opposed to the ratio, is computed for each grade progression. A positive value indicates an in-migration of students while a negative value indicates an outward migration of students. The computed change in enrollments was averaged over a five-year period and these values were used to project grade-by-grade enrollments for five years into the future.

It should be noted that, in some instances, the sum of students by community does not equal the historical enrollment for Flood Brook Union School as reported by the Vermont Department of Education (<http://www.education.vermont.gov/new/html/data/enrollment.html>) on their website. The enrollment counts are close and differ by just a few students.

D. Historical Enrollment

1. Londonderry

Historical enrollment data of Londonderry students from 2006-07 through 2010-11 are displayed in Table 3. This includes students attending the Flood Brook Union School (K-8) and those who have school choice for attending high school (9-12). The majority of high school students from Londonderry attend Burr and Burton Academy in Manchester.

During this time period, the number of students attending Flood Brook Union School has been decreasing. Enrollment in 2010-11 was 146 students, which is a loss of 39 students from the 185 students in 2006-07. When the entire PK-12 population is considered, enrollment has declined from 288 in 2006-07 to 228 in 2010-11, a loss of 60 students. The number of high school students has, in general, also been declining. Enrollment has decreased from 103 students in 2006-07 to 82 students in 2010-11, a loss of 21 students. Table 3 also shows computed average grade progression differences based on five years of historical data, which will be used to project future enrollment.

2. Weston

Historical enrollment data of Weston students from 2006-07 through 2010-11 are displayed in Table 4. This includes students attending the Flood Brook Union School (K-8) and those who have school choice for attending high school (9-12). The majority of high school students from Weston attend Burr and Burton Academy in Manchester.

The number of students attending Flood Brook Union School has been fairly stable, ranging from 39-49 students from 2006-07 to 2010-11. Enrollment in 2010-11 was 46 students, which is a gain of 7 students from the 39 students in 2006-07. When the entire PK-12 population is considered, enrollment has also been very stable, ranging between 66-71 students. The number of high school students has ranged between 21-31 students per year. Table 4 also shows computed average grade progression differences based on five years of historical data, which will be used to project future enrollment.

3. Landgrove

Historical enrollment data of Landgrove students from 2006-07 through 2010-11 are displayed in Table 5. This includes students attending the Flood Brook Union School (K-8) and those who have school choice for attending high school (9-12). The majority of high school students from Landgrove attend Burr and Burton Academy in Manchester.

Like Weston, the number of Landgrove students attending Flood Brook Union School has been fairly stable, ranging from 19-23 students from 2006-07 to 2010-11. Enrollment in 2010-11 was 19 students, which is four students less than the 23 students in 2006-07. When the entire PK-12 population is considered, enrollment has also been very stable, ranging between 30-33 students. The number of high school students has also been stable, ranging between 8-12 students per year. Table 5 also shows computed average grade progression differences based on five years of historical data, which will be used to project future enrollment.

4. Peru

Historical enrollment data of Peru students from 2006-07 through 2010-11 are displayed in Table 6. This includes students attending the Flood Brook Union School (K-8) and those who have school choice for attending high school (9-12). The majority of high school students from Peru attend Burr and Burton Academy in Manchester.

Like Weston and Landgrove, the number of Peru students attending Flood Brook Union School has been fairly stable, ranging between 34-39 students from 2006-07 to 2010-11. Enrollment in 2010-11 was 37 students, which is identical to the enrollment in 2006-07. When the entire PK-12 population is considered, enrollment has also been very stable, ranging between 53-61 students. The number of high school students had been stable prior to 2010-11 when a small decline occurred. The number of high school students has ranged between 16-23 students per year. Table 6 also shows computed average grade progression differences based on five years of historical data, which will be used to project future enrollment.

Table 3
Londonderry Historical Grade K-12
Total Enrollments for 2006-2010

Year ¹	K	1	2	3	4	5	6	7	8	K-8 Total	9	10	11	12	9-12 Total	K-12 Total
2006-07	14	16	25	24	25	20	21	24	16	185	33	26	21	23	103	288
2007-08	18	15	14	24	21	22	14	21	24	173	20	33	23	24	100	273
2008-09	13	18	15	15	22	20	23	17	20	163	26	19	32	22	99	262
2009-10	14	16	18	15	14	20	17	20	17	151	14	20	15	26	75	226
2010-11	14	16	12	20	14	16	18	17	19	146	17	18	27	20	82	228
GPD Average 5-Year Ratios	-5.25 ²	1.50	-1.50	0.50	-1.75	-1.00	-2.50	0.00	-0.50		0.00	-0.75	-0.25	0.25		

Notes: ¹Enrollment data as provided by the Flood Brook Union School and Burr and Burton Academy

²Average birth-to-kindergarten difference based on birth data five years prior

Table 4
Weston Historical Grade K-12
Total Enrollments for 2006-2010

Year ¹	K	1	2	3	4	5	6	7	8	K-8 Total	9	10	11	12	9-12 Total	K-12 Total
2006-07	2	6	4	3	5	6	5	3	5	39	6	5	9	11	31	70
2007-08	5	1	7	4	3	5	7	5	3	40	5	7	5	9	26	66
2008-09	6	5	1	6	6	3	5	8	5	45	4	6	6	5	21	66
2009-10	9	5	6	1	5	7	2	6	8	49	4	4	6	8	22	71
2010-11	6	9	5	6	3	4	4	3	6	46	9	4	5	7	25	71
GPD Average 5-Year Ratios	3.50 ²	-0.50	0.50	-0.25	0.75	0.00	-0.75	0.75	0.00		0.25	0.50	0.00	0.75		

Notes: ¹Enrollment data as provided by the Flood Brook Union School

²Average birth-to-kindergarten difference based on birth data five years prior

Table 5
Landgrove Historical Grade K-12
Total Enrollments for 2006-2010

Year ¹	K	1	2	3	4	5	6	7	8	K-8 Total	9	10	11	12	9-12 Total	K-12 Total
2006-07	5	4	1	3	4	0	2	3	1	23	2	2	3	1	8	31
2007-08	2	4	3	0	2	3	0	2	3	19	4	2	2	3	11	30
2008-09	5	2	4	3	0	2	3	1	2	22	3	4	2	2	11	33
2009-10	1	5	2	4	3	0	3	2	1	21	2	4	3	3	12	33
2010-11	1	1	3	2	3	2	1	4	2	19	2	2	3	4	11	30
GPD Average 5-Year Ratios	1.000 ²	-0.25	-0.75	-0.25	-0.50	-0.50	0.50	0.25	0.00		1.00	0.25	-0.50	0.50		

Notes: ¹Enrollment data as provided by the Flood Brook Union School

²Average birth-to-kindergarten difference based on birth data five years prior

Table 6
Peru Historical Grade K-12
Total Enrollments for 2006-2010

Year¹	K	1	2	3	4	5	6	7	8	K-8 Total	9	10	11	12	9-12 Total	K-12 Total
2006-07	5	5	5	6	5	4	1	2	4	37	7	4	5	6	22	59
2007-08	5	5	6	5	6	5	3	1	3	39	5	7	3	5	20	59
2008-09	4	3	6	6	5	6	4	3	1	38	6	6	8	3	23	61
2009-10	2	4	3	3	5	4	7	2	4	34	1	6	7	8	22	56
2010-11	5	2	5	4	4	5	4	6	2	37	5	1	5	5	16	53
GPD Average 5-Year Ratios	1.50 ²	-0.50	0.75	-0.50	0.00	-0.25	-0.25	-0.75	0.50		1.25	0.25	0.00	-0.50		

Notes: ¹Enrollment data as provided by the Flood Brook Union School

²Average birth-to-kindergarten difference based on birth data five years prior

E. Enrollment Projections

1. Londonderry

Projected K-12 enrollment for the Londonderry student population is shown in Table 7. K-8 enrollment is projected to slowly decline, in general, through 2015-16. The projected K-8 enrollment in 2015-16, 121, would represent a loss of 25 students from the 2010-11 total of 146 students. At the K-12 level, enrollment is also projected to decrease. Enrollment is projected to be 178 students in 2015-16, which would be a loss of 50 students from the 2010-11 total of 228 students. For grades 9-12, enrollment is projected to steadily decline throughout the projection period. A total of 57 students is projected in grades 9-12 in 2015-16, a loss of 25 students from the 82 students in grades 9-12 in the 2010-11 school year.

2. Weston

Projected K-12 enrollment for the Weston student population is shown in Table 8. K-8 enrollment is projected to slowly increase through 2015-16. The projected K-8 enrollment in 2015-16, 70, would represent a gain of 24 students from the 2010-11 total of 46 students. At the K-12 level, enrollment is also projected to increase. Enrollment is projected to be 89 students in 2015-16, which would be a gain of 18 students from the 2010-11 total of 71 students. For grades 9-12, enrollment is projected to be fairly stable and consistent with historical grade counts, ranging between 19-27 students per year.

3. Landgrove

Projected K-12 enrollment for the Landgrove student population is shown in Table 9. K-8 enrollment is projected to slowly decline, in general, through 2015-16. The projected K-8 enrollment in 2015-16, 14, would represent a loss of 5 students from the 2010-11 total of 19 students. At the K-12 level, enrollment is projected to be fairly stable and consistent with historical grade counts, ranging between 29-31 students per year. For grades 9-12, enrollment is projected to slowly rise, in general, throughout the projection period. A total of 17 students is projected in grades 9-12 in 2015-16, a gain of 6 students from the 11 students in grades 9-12 in the 2010-11 school year.

Table 7
Londonderry Projected Grade K-12 Enrollments for 2011-2015

Year	K	1	2	3	4	5	6	7	8	K-8 Total	9	10	11	12	9-12 Total	K-12 Total
2011-12	13	16	15	13	18	13	14	18	17	137	19	16	18	27	80	217
2012-13	18	15	15	16	11	17	11	14	18	135	17	18	16	18	69	204
2013-14	10	20	14	16	14	10	15	11	14	124	18	16	18	16	68	192
2014-15	14	12	19	15	14	13	8	15	11	121	14	17	16	18	65	186
2015-16	14	16	11	20	13	13	11	8	15	121	11	13	17	16	57	178

Table 8
Weston Projected Grade K-12 Enrollments for 2011-2015

Year	K	1	2	3	4	5	6	7	8	K-8 Total	9	10	11	12	9-12 Total	K-12 Total
2011-12	10	6	10	5	7	3	3	5	3	52	6	10	4	6	26	78
2012-13	4	10	7	10	6	7	2	4	5	55	3	7	10	5	25	80
2013-14	7	4	11	7	11	6	6	3	4	59	5	4	7	11	27	86
2014-15	7	7	5	11	8	11	5	7	3	64	4	6	4	8	22	86
2015-16	7	7	8	5	12	8	10	6	7	70	3	5	6	5	19	89

Table 9
Landgrove Projected Grade K-12 Enrollments for 2011-2015

Year	K	1	2	3	4	5	6	7	8	K-8 Total	9	10	11	12	9-12 Total	K-12 Total
2011-12	1	1	0	3	2	3	3	1	4	18	3	2	2	4	11	29
2012-13	3	1	0	0	3	2	4	3	1	17	5	3	2	3	13	30
2013-14	1	3	0	0	0	3	3	4	3	17	2	5	3	3	13	30
2014-15	2	1	2	0	0	0	4	3	4	16	4	2	5	4	15	31
2015-16	2	2	0	2	0	0	1	4	3	14	5	4	2	6	17	31

Table 10
Peru Projected Grade K-12 Enrollments for 2011-2015

Year	K	1	2	3	4	5	6	7	8	K-8 Total	9	10	11	12	9-12 Total	K-12 Total
2011-12	6	5	3	5	4	4	5	3	7	42	3	5	1	5	14	56
2012-13	8	6	6	3	5	4	4	4	4	44	8	3	5	1	17	61
2013-14	6	8	7	6	3	5	4	3	5	47	5	8	3	5	21	68
2014-15	6	6	9	7	6	3	5	3	4	49	6	5	8	3	22	71
2015-16	6	6	7	9	7	6	3	4	4	52	5	6	5	8	24	76

4. Peru

Projected K-12 enrollment for the Peru student population is shown in Table 10. K-8 enrollment is projected to slowly increase through 2015-16. The projected K-8 enrollment in 2015-16, 52, would represent a gain of 15 students from the 2010-11 total of 37 students. At the K-12 level, enrollment is also projected to increase. Enrollment is projected to be 76 students in 2015-16, which would be a gain of 23 students from the 2010-11 total of 53 students. For grades 9-12, enrollment is projected to slowly rise throughout the projection period. A total of 24 students is projected in grades 9-12 in 2015-16, a gain of 8 students from the 16 students in grades 9-12 in the 2010-11 school year.

F. Summary

From the latest Census data, it is clear that the population in the state of Vermont is aging. In 2000, the median age in the state was 37.7 years and 24.2% of the population was under the age of 18. In 2010, the median age in the state increased to 41.5 years and the percentage of the population under the age of 18 declined to 20.7%. This is identical to the trends occurring in the towns of Londonderry, Weston, Landgrove, and Peru.

Will these trends translate to declining enrollment? Of the four communities in this study, only Londonderry has been experiencing declining enrollment. The enrollment in Weston, Landgrove, and Peru has been fairly stable. Looking at the combined enrollment of the four communities, total enrollment in the Flood Brook Union School was 248 students in 2010-11, which was computed by aggregating Tables 3-6. In the next five years, enrollment at the school is projected to be similar with 247-257 students, which was computed by aggregating Tables 7-10. Despite that the school's enrollment is projected to be fairly stable, the enrollment patterns in each town are projected to be quite different. K-8 enrollment is projected to decline in Londonderry and Landgrove, yet increase in both Weston and Peru. Due to the greater variability and error that occurs in enrollment projections where there are few students, the enrollment increase in Weston and Peru may be less or more than projected. Since Londonderry provided nearly 57% of the Flood Brook Union School population in 2010-11 and is projected to decline through 2015-16, the overall population of the school may also decline if the projected increases in Weston and Peru are not as large as projected.