A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College

Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

Chapter I:

POPULATION ~ APPENDIX

The Appendix for this chapter contains the following charts:

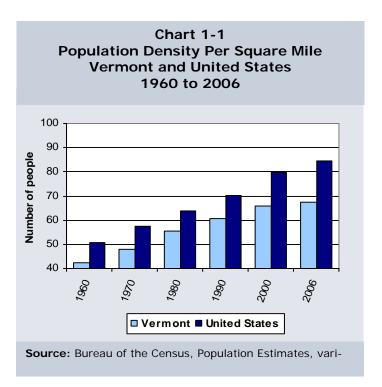
- 1. Population Density Per Square Mile, Vermont and United States, 1960-2006
- 2. Rate of Population Growth, by Decades, Vermont and United States, 1900-2002
- 3. Rate of Population Growth, by Year, Vermont and United States, 1981-2006
- 4. Percent of High School Graduates Who Plan to Attend College Out-of-State, Vermont, 1988-2007
- 5. Immigrants Admitted to Vermont with Legal and Resident Status, 1988-2006
- 6. Number of Refugees Resettled in Vermont, 1989-2008
- 7. Country of Origin of Refugees, 1989-2008
- 8. Percent of the Population that Self Identifies as White, Vermont and United States, 1900-2006
- 9. Stacked Bar Charts by Percent of Age Categories, Vermont, 1980-2007
- 10. Median Age, Vermont and United States, 1980-2007
- 11. Percent of Households with Individuals Living Alone, Vermont and United States, 1940-2000
- 12. Types of Households, Vermont, 2000
- 13. Percent of All Families that Have Children, Vermont and United States, 1960-2006
- 14. Marriages and Divorces Per 1,000 Population, Vermont and United States, 1980-2006
- 15. Number of Civil Unions and Percent In-State, Vermont, 2000-2006

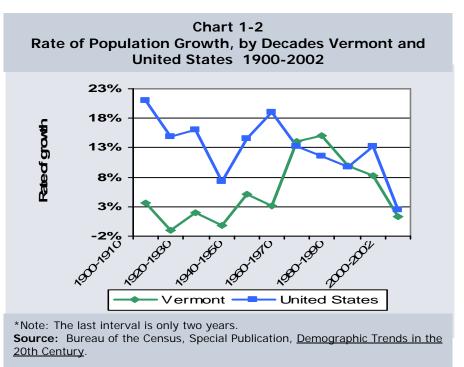


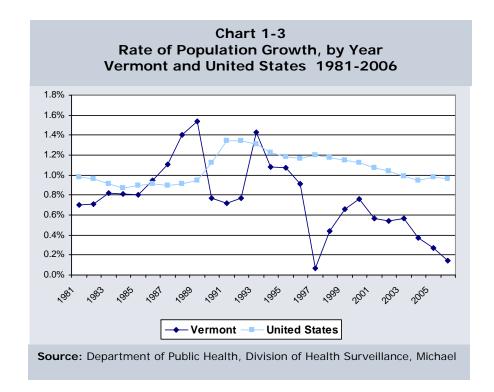
Vermont Council on Rural Development

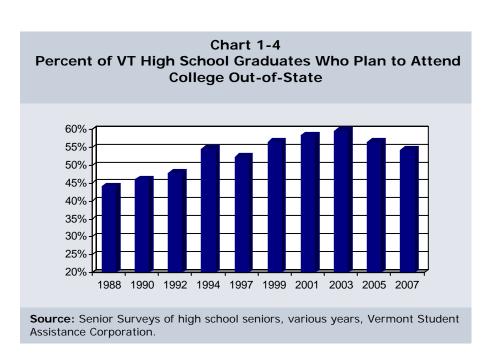
43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091 vcrd2@sover.net;

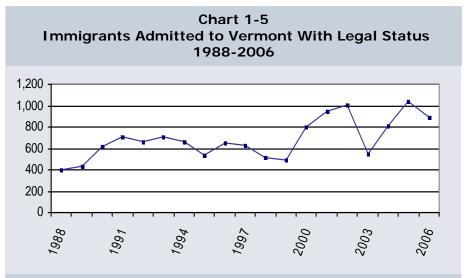
http://www.vtrural.org



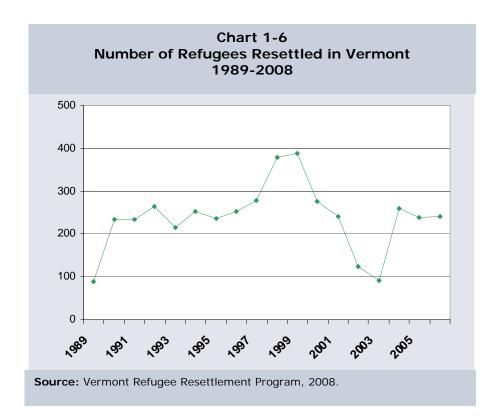


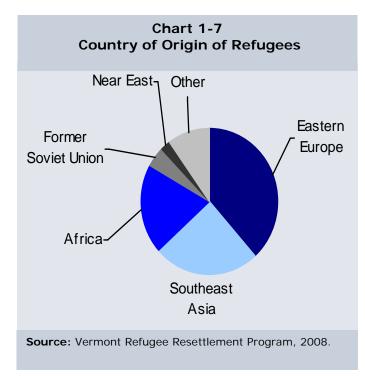


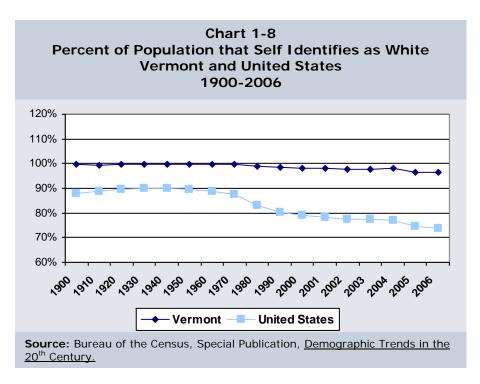


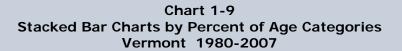


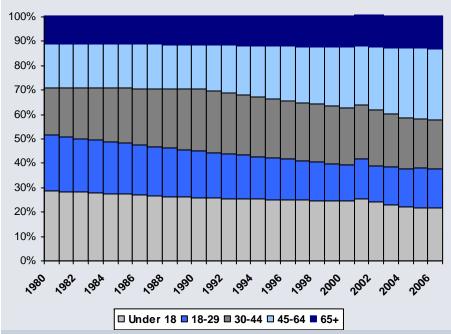
Source: Department of Homeland Security, Office of Immigration Statistics, "Yearbook of Immigration Statistics."





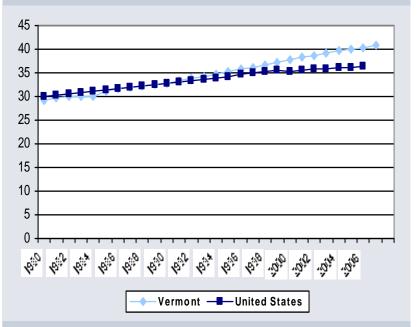




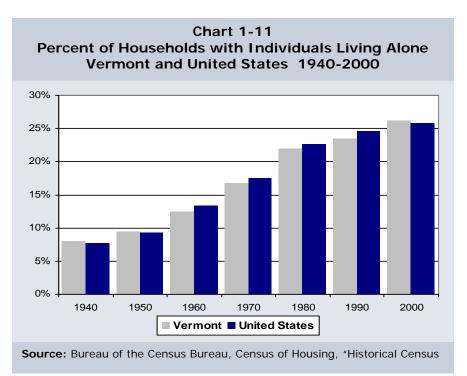


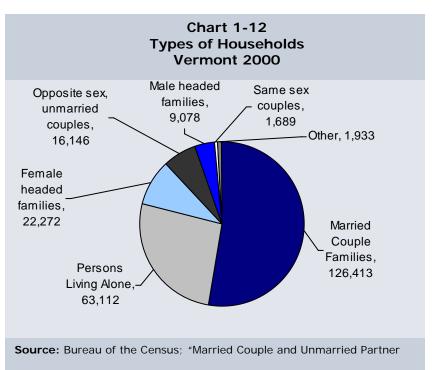
Source: Department of Public Health, Division of Health Surveillance, Michael Nyland-Funke: Public Health Analyst

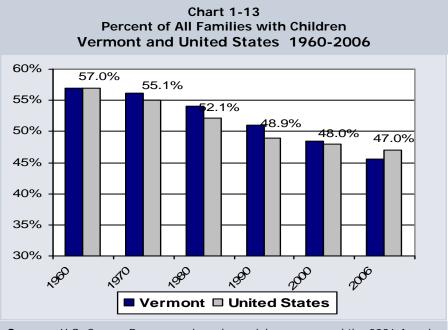
Chart 1-10 Median Age Vermont and United States 1980-2007



Source: Department of Public Health, Division of Health Surveillance, Michael Nyland-Funke: Public Health Analyst; and Bureau of the Census, <u>Statistical Abstracts of the United States</u> and "American Community Survey," various years. Calculations of Vermont medians done by the Center for Social Science Research, Saint Michael's College, based on yearly population estimates by the Department of Public Health.



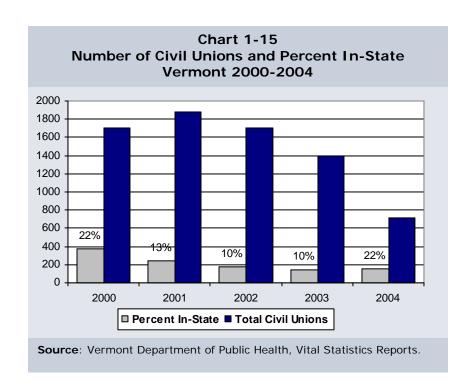




Source: U.S. Census Bureau, various decennial censuses and the 2006 Ameri-



Source: Bureau of the Census, Statistical Abstract of the United States: 2008; and Vermont Department of Public Health, Vital Statistics Reports.



A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College

Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

Chapter 2:

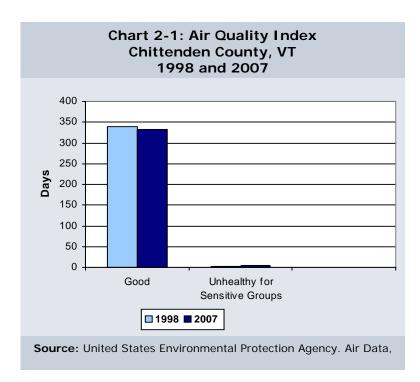
ENVIRONMENT AND CLIMATE ~ APPENDIX

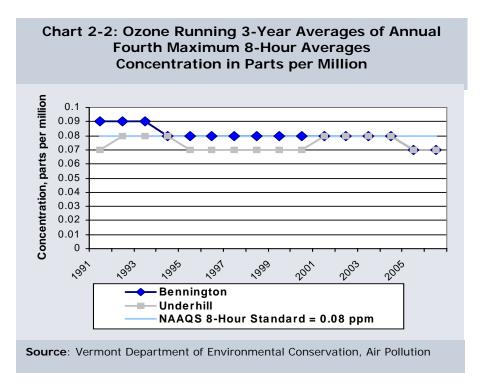
The Appendix for this chapter contains the following charts:

- 1. Air Quality Index, Chittenden County, VT. 1998 and 2007
- 2. Ozone Running 3-Year Averages of Annual, Fourth Maximum 8-Hour Averages, Concentration in Parts Per Million, 1991-2006
- 3. Total Phosphorus in Lake Champlain and Missisquoi Bay, 1992-2007
- 4. Changes in Phosphate Levels in Lake Champlain and Four Tributaries, 1992 and 2007
- Sea Lamprey Wounding Rates on Lake Trout and Atlantic Salmon in Lake Champlain, 1985-1988, 2002-2007
- 6. Aquatic Invasive Species, Threats to Lake Champlain from Connected Waterways, 2008
- 7. Health and Vigor of Forests as Indicated by Changes to Average Crown Condition, Vermont, 1986 and 1996
- 8. Health and Vigor of Sugar Maple Based on Crown Dieback, Vermont, 1991 and 1996
- 9. Deer Harvest Trends; Total and Buck Harvest, Vermont, 1995-2007
- 10. Diversion as Percent of Vermont Municipal Solid Waste Generation, and Per Capita MSW Generation in Pounds/Day, 1987, 1994, 1998-2006
- 11. Heating Degree-Days and Cooling Degree-Days, Burlington and Vermont, 1892-2007
- 12. Summary of Precipitation and Snowfall, Burlington, Vermont, Northeast, 1895-2007



Vermont Council on Rural Development 43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091 vcrd2@sover.net; http://www.vtrural.org





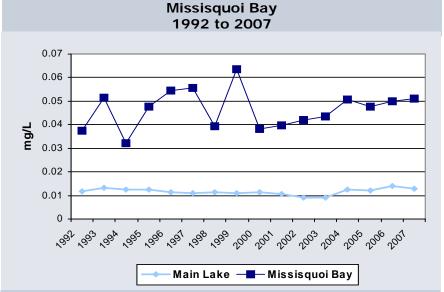
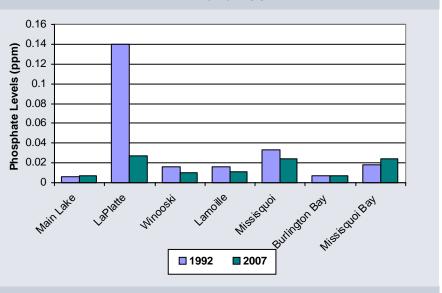


Chart 2-3: Total Phosphorous in Lake Champlain and

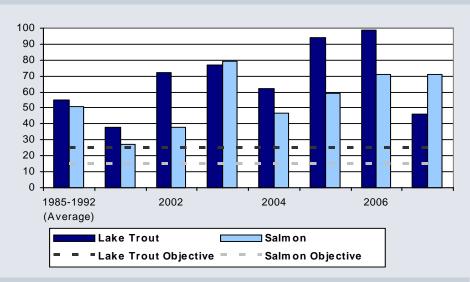
Source: State of the Lake and Ecosystem Indicators Report – 2008, Lake Champlain Basin Program, http://www.lcbp.org/PDFs/SOL2008-web.pdf, pg.

Chart 2-4: Changes in Phosphate Levels in Lake Champlain and Four Tributaries
1992 and 2007



Source: Vermont Water Quality Division, Agency of Natural Resources, Lake Champlain Long-Term Monitoring, Lake Station Data

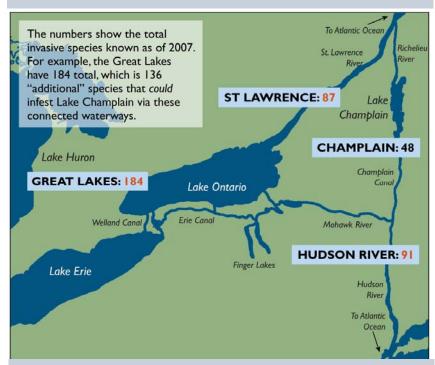
Chart 2-5: Sea Lamprey Wounding Rates on Lake Trout and Atlantic Salmon Lake Champlain



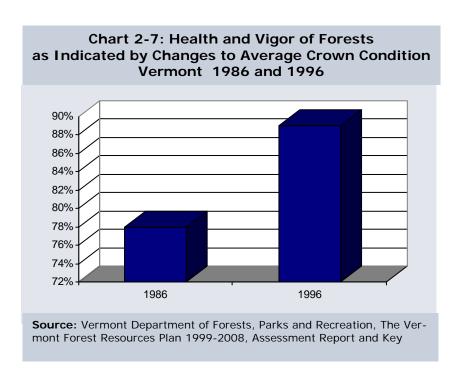
Source: Lake Champlain Basin Program, "State of the Lake and Ecosystem Indicators Report, 2008," Lake Champlain Basin Program, http://www.lcbp.org/PDFs/SOL2008-web.pdf, pg. 25

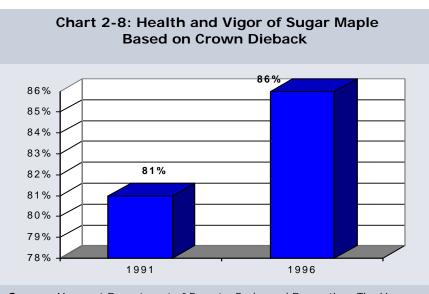
* Lake trout in the 533-633 mm (21.0-24.9 inches) length interval. For lake trout, pre-control included 1982-92, while experimental control includes 1993-97. * Salmon in the 432-533 mm (17.0-21.0 inches) length interval. For salmon, pre-control included 1985-92, while experimental control includes 1993-98.

Chart 2-6: Aquatic Invasive Species Threats to Lake Champlain from Connected Waterways



Source: State of the Lake and Ecosystem Indicators Report – 2008, Lake Champlain Basin Program, http://www.lcbp.org/PDFs/SOL2008-web.pdf, pg. 28





Source: Vermont Department of Forests, Parks and Recreation, The Vermont Forest Resources Plan 1999-2008, Assessment Report and Key Indicators, *Key Forest Indicators*, http://www.vtfpr.org/forplan/keyforest.htm, 2-9

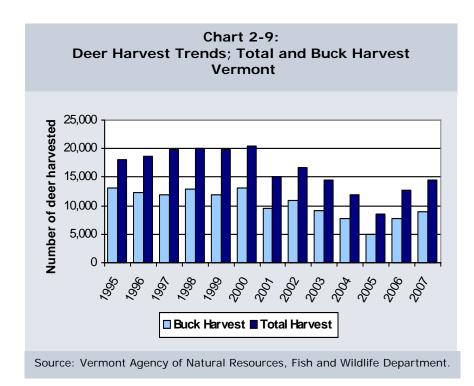
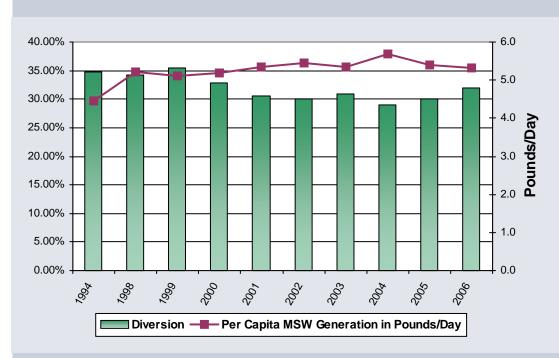


Chart 2-10: Diversion as Percent of Vermont Municipal Solid Waste Generation and Per Capita MSW Generation in Pounds/Day



Source: Vermont Department of Health, Fish and Wildlife, 2001 State of Vermont Revised Solid Waste Management Plan

Chart 2-11 Heating degree-days (HDD) and Cooling degree-days (CDD) data 1892-2007

Years	Location	CDD	CDD	HDD Trend	HDD Aver-
		Trend	Average		age
1892-2007	Burlington	+ 79	463	- 61	7707
1987-2007	Burlington	+ 30	536	+ 91	7181
1987-2007	Vermont	- 26	418	+ 3	7629

Source: National Climatic Data Center (NCDC) http://www1.ncdc.noaa.gov/pub/orders/5941021404338.txtNational Weather Service, Burlington, VT http://www.erh.noaa.gov/btv/climo/BTV/monthly totals/index.shtml

Chart 2-12: Summary of Precipitation and Snowfall data 1895-2007

Years	Location	Precipitation Trend (inches)	Average Precipi- tation (inches)	Snow- fall Trend (inche s)	Average Snowfall (inches)
1895- 2007	Vermont	+ 2.1	40.9	**	**
1987- 2007	Vermont	+ 7.7	39.8	+ 15.6	80.4
1884- 2007	Burling- ton	+ 5.4	33.4	+ 24.5	72.5
1987- 2007	Burling- ton	+ 9.1	35.5	+ 8.0	73.3
1895- 2007	North- east US	+ 4.6	41.4	**	**
1987- 2007	North- east US	+ 6.2	43.8	**	**

Source: National Climatic Data Center (NCDC) http://www1.ncdc.noaa.gov/pub/orders/5941021404338.txt http://www.ncdc.noaa.gov/oa/climate/research/cag3/nt.html http://www.erh.noaa.gov/btv/climo/BTV/monthly_totals/index.shtml

A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College

Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

Chapter 3:

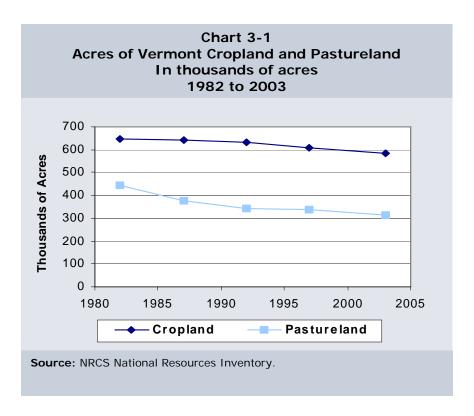
LAND USE ~ APPENDIX

The Appendix for this chapter contains the following charts:

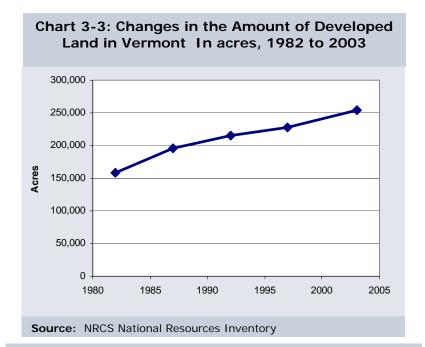
- 1. AiAcres of Vermont Cropland and Pastureland, 1982 to 2003
- Vermont Forest. Thousands of Acres 1920 to 2007
- 3. Changes in Developed Land in Vermont, 1982 to 2003
- 4. Vermont Change in Developed Land and Population, 1982 to 1997
- 5. Percent Changes in Vermont's Population, Households, and Housing Units, 1970 to 2006
- 6. Urban and Rural Population Change 1950 to 2000
- 7. Vermont's Use Value Appraisal Program Participation, 1987 to 2007

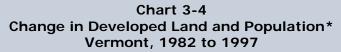


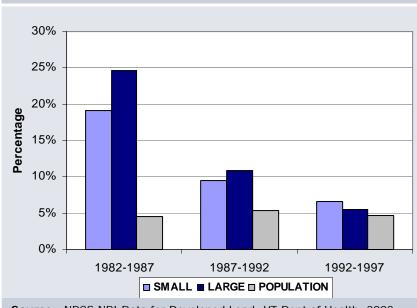
Vermont Council on Rural Development 43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091 vcrd2@sover.net; http://www.vtrural.org



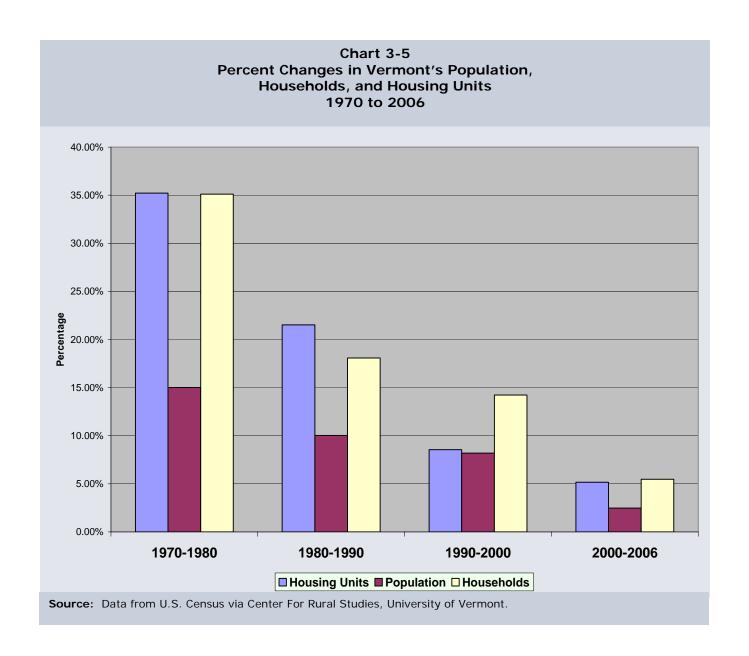


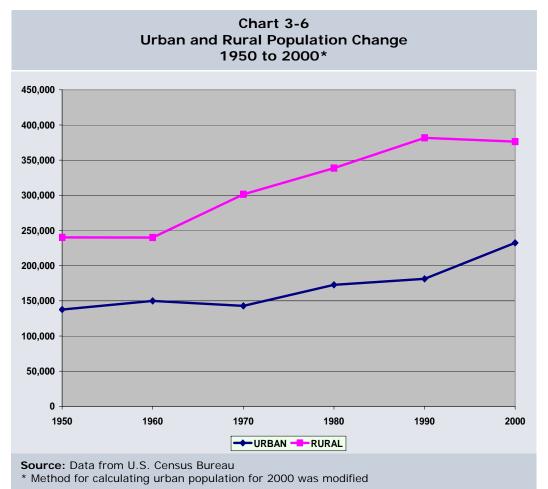


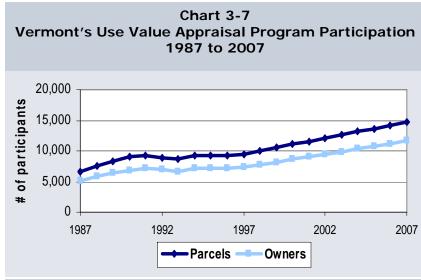




Source: NRCS NRI Data for Developed Land; VT Dept of Health, 2002 and 2004 Vital Statistics for Population Data







Source: Vermont Department of Taxes, 2007 Land Use Appraisal Program Summary

A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College

Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

Chapter 4:

ECONOMY ~ APPENDIX

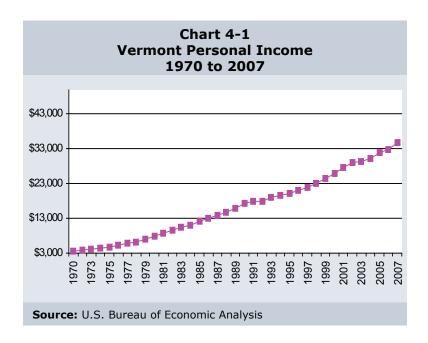
The Appendix for this chapter contains the following charts:

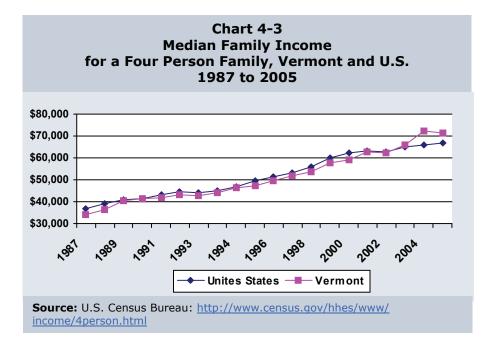
- Vermont Personal Income, 1970 2007
- 2. Median Income of Households in 2006 dollars. 1984 to 2006
- 3. Median Family Income for a Four Person Family, 1987 to 2005
- 4. Self-Employment as a Percent of all Employment in Vermont, 1997 to 2006
- 5. Vermont, Number of Non-farm Proprietors, 1970 to 2006
- 6. Employment and Wage Growth in the Burlington-South Burlington, Labor Market Areas, 1978 to 2006
- 7. Vermont Captive Insurance Companies, 1983 to 2007
- 8. Vermont State Park Usage, 1987 to 2007
- 9. Attendance at Vermont Historic Site, 1999 to 2007
- 10. Number of Hunting and Fishing Licenses, Residents and Non-Residents, 1988 to 2006
- 11. Household Income: Lowest and Highest Quintiles, Vermont and the United States, 1980 to 2004
- 12. Vermont, per capita dividends, Percent of U.S., 1970 to 2006
- 13. Vermont Per capita Interest Percent of U.S., 1970 to 2006
- 14. Mass Layoffs in Vermont per Year, 1996 to 2007
- 15. Union Affiliation: Percent of Employed in Vermont and the United States, 2000 to 2007



Vermont Council on Rural Development

43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091 vcrd2@sover.net; http://www.vtrural.org





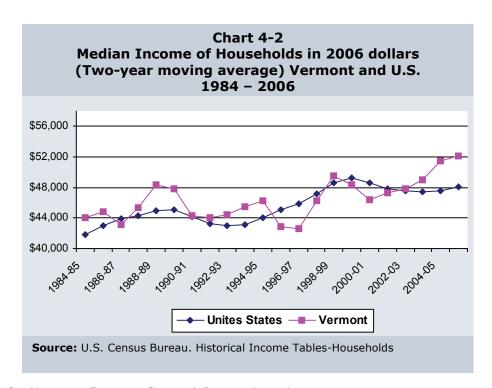
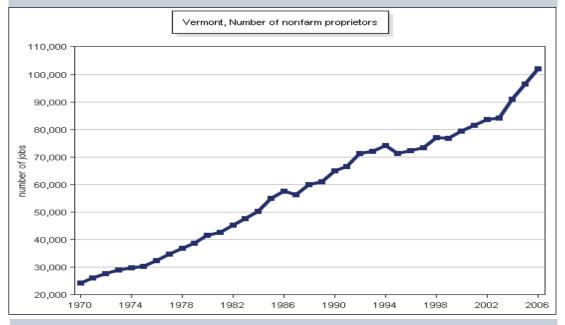




Chart 4-5
Vermont, Number of Non-farm Proprietors
1970 to 2006



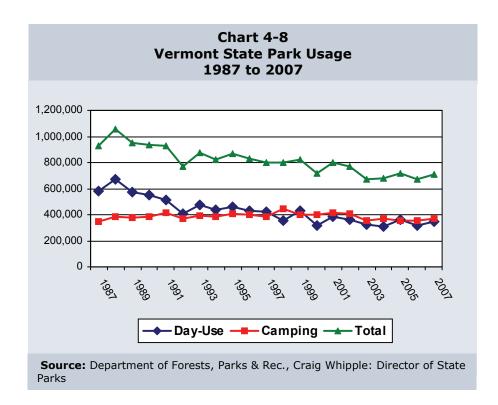
Source: U.S. Bureau of Economic Analysis

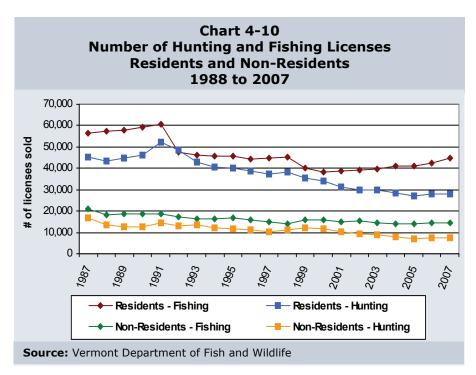
Source: Vermontcaptive.com (http://www.vermontcaptive.com/

basics/TheNumbers.cfm)

Chart 4-7

Chart 4-6: Employment and Wage Growth in the Burlington-South Burlington Labor Market Areas 1978 to 2006 60.00% 45.00% 30.00% 15.00% 0.00% 1980 1978 1985 1990 1995 2000 2005 2006 → Burlington LMA Employment % of State Average Wages in Burlington LMA % of Vermont Source: Vermont Department of Labor. "U.I. Covered Employment & Wages."





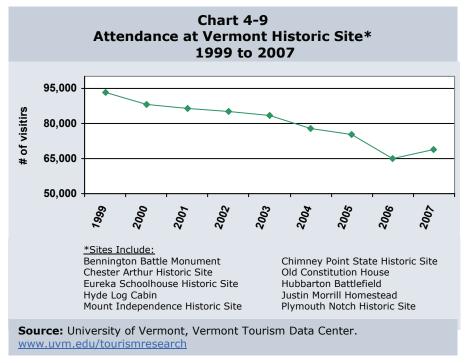
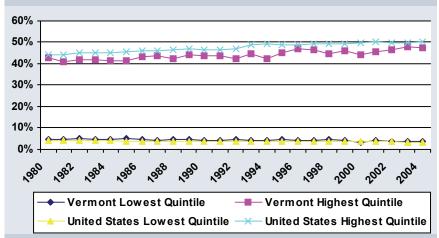
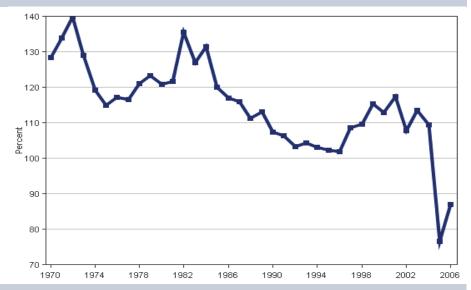


Chart 4-11: Household Income: Lowest and Highest Quintiles , Vermont and the United States 1980 to 2004

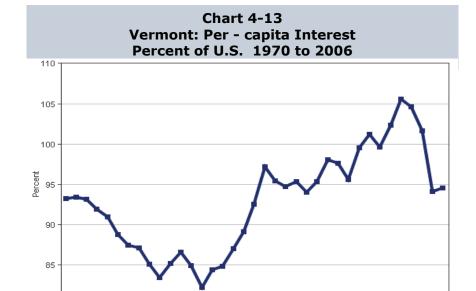


Source: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplements. Unpublished Chart: Selected Measures of Household Income Dispersion: 1977 to 2004. U.S. Census Bureau. 2008 Statistical Abstracts of the United States, "Income, Expenditures, Poverty, &

Chart 4-12: Vermont: per - capita dividends, Percent of U.S. 1970 to 2006



Source: U.S. Bureau of Economic Analysis



1986

1978 Source: U.S. Bureau of Economic Analysis

1982

1970

1974



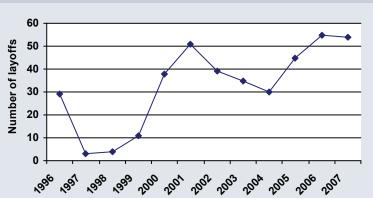
1990

1994

1998

2002

2006



* Mass Layoffs are defined by the U.S. Department of Labor as a situation when 50 or more persons file claims for unemployment insurance against a firm or institution during a consecutive 5-week period.

Source: U.S. Department of Labor, Bureau of Labor Statistics. http://data.bls.gov/PDQ/servlet/SurveyOutputServlet

Chart 4-15 Union Affiliation: Percent of Employed in Vermont and the United States 2000 to 2007 20% 15% 5% 0% 2000 2001 2002 2003 2004 2005 2006 2007

Source: U.S. Department of Labor. "Union Affiliation data from the Current Population Survey."

A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College

Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

Chapter 5:

AFFORDABILITY ~ APPENDIX

The Appendix for this chapter contains the following charts:

- I. Average Square Feet of Floor Area of New One-Family Houses, Northeast and U.S., 1973 to 2007
- 2. Cost of Living: Vermont and the Other New England States in 2008
- 3. Cost of Living in the Largest Cities in Each New England State in 2007
- 4. Per Capita Disposable Personal Income, Vermont, New England, U.S., 1970 to 2007
- 5. Average Nominal Earnings in Select Industries in Vermont, 1988 to 2007
- 6. Percent of People in Poverty, New England States, 1985 to 2006
- 7. Basic Needs Livable Wage, 1999 to 2007
- 8. Hunger in New England, % Lacking Enough Food, by State, 1997 to 2005
- 9. Median Prices of Primary Residences Sold in Vermont, 1988 to 2006
- 10. Number of Very Low-Income Households per Affordable, and Available Rental Units, 2006
- 11. Vermont Fair Market Rent 2 Bedroom, Monthly Price, 1983 to 2005
- 12. Percent of Renters Unable to Afford a 2 Bedroom Apartment, New England, 1998 to 2003
- 13. Housing Wage in Vermont, 1983 to 2005
- 14. Percentage of Households Experiencing Any Housing Burden, (Moderate or Severe: All Households), 1980 to 2005
- 15. Vermont State and Local Tax Collections as a Percent of per Capita Income, National Rank, 2000 to 2006
- 16. Combined Vermont Fund Revenues, Excluding Education Property Tax, 1975 to 2005
- 17. FY 2004 State and Local Property Tax Revenues per Capita, (State and Local) 12 State and U.S. Comparisons
- 18. 2005 Individual Income Tax Revenues per Capita, 12 State and U.S. Comparisons
- 19. 2005 State Sales Tax Revenue per Capita, 12 State and U.S. Comparisons
- 20. 2005 Business Taxes per Capita, 12 State and U.S. Comparisons



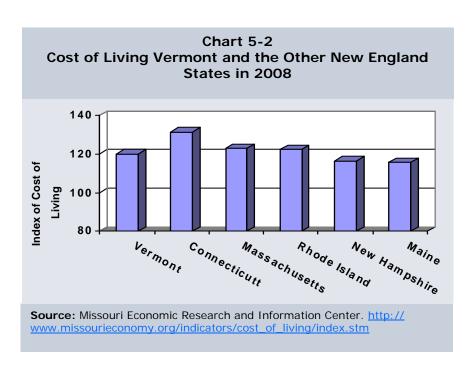
Vermont Council on Rural Development

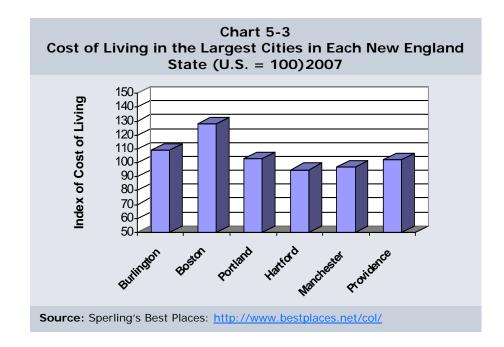
43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091 vcrd2@sover.net; http://www.vtrural.org

Chart 5-1: Average Square Feet of Floor Area of New One-Family Houses Northeast and U.S. 1973 to 2007

2,700
2,500
2,300
2,100
1,900
1,700
1,500
Northeast — U.S.

Source: U.S. Census, *Median and Average Square Feet of Floor Area in New One-Family Houses Completed by Location:* http://www.census.gov/const/C25Ann/sftotalmedavgsqft.pdf





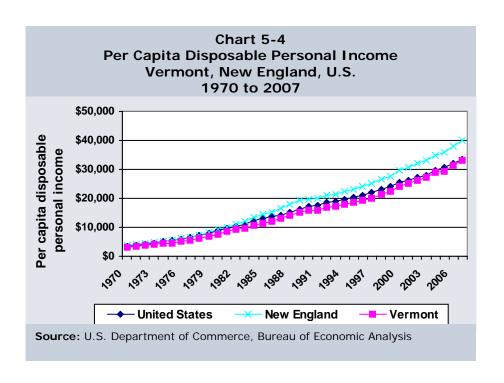


Chart 5-5 Average Nominal (Non-Inflationary Adjusted) Earnings in Select Industries in Vermont 1988 to 2007



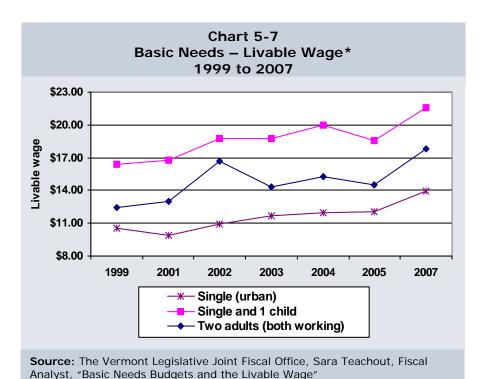
Source: Vermont Department of Labor, Economic and Labor Market Information. *U.I. Covered Employment and Wages*: http://www.vtlmi.info/indnaics.htm

Table 5-6
Percent of People in Poverty
New England States
1985 to 2006

	СТ	ME	MA	NH	RI	VT
1985	7.76%	12.43%	8.60%	7.06%	12.10%	12.46%
1986	6.83	11.70	9.10	5.60	10.30	10.93
1987	6.73	11.26	8.86	4.83	8.73	9.83
1988	5.53	11.70	8.63	5.06	9.00	9.46
1989	4.50	11.76	8.50	6.40	8.20	8.46
1990	4.30	12.23	9.33	6.90	8.00	9.00
1991	5.83	12.53	10.16	7.10	8.20	10.50
1992	8.13	13.56	10.66	7.43	10.10	11.33
1993	8.96	14.33	10.66	8.63	11.33	11.03
1994	9.70	12.76	10.23	8.76	11.30	9.36
1995	9.66	12.00	10.46	7.63	10.70	9.30
1996	10.73	10.60	10.26	6.46	10.63	10.16
1997	10.00	10.83	11.10	6.93	11.43	10.73
1998	9.93	10.56	10.33	8.43	11.76	10.60
1999	8.43	10.36	10.90	8.83	11.43	9.60
2000	8.13	10.36	10.10	7.30	10.60	9.83
2001	7.53	10.26	10.46	5.53	10.13	9.86
2002	7.90	11.20	9.86	4.93	10.46	9.96
2003	8.03	11.70	10.03	5.36	10.90	9.46
2004	10.11	11.88	9.29	5.57	11.57	8.01
2005	9.32	12.25	10.04	5.77	11.84	8.13
2006	9.15	11.48	10.48	5.46	11.38	7.76
Course National Delegation Desired						

Source: National Priorities Project:

http://www.nationalpriorities.org/nppdatabase_tool/



*With employer assisted health care and moderate cost of food plan

Source: National Priorities Project: http://www.nationalpriorities.org/nppdatabase-tool/

4.60

2.60

2005

3.00

2.20

4.10

3.90

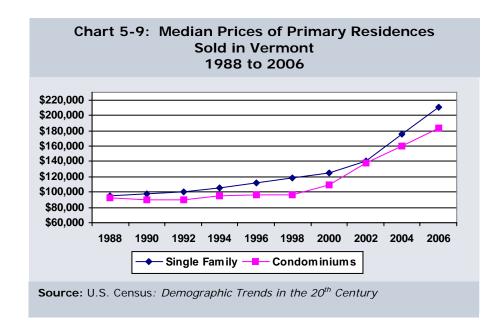
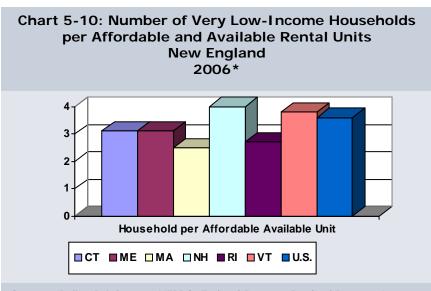


Table 5-8 **Hunger in New England % Lacking Enough** Food* By State 1997 to 2005 CT ME RΙ VT MA NH 4.25 3.25 1.38 2.53 1997 4.44% 2.98% % % % % 4.00 2.10 3.10 2.70 1998 4.10 2.70 3.35 2.35 1999 3.74 2.14 1.94 2.05 2000 2.90 3.03 2.37 2.47 2.73 2.17 2.50 2001 2.60 3.10 2.00 1.90 1.80 2.80 2002 2.10 2.10 3.40 2.80 2.40 2003 3.00 2.90 2.30 2.10 3.60 3.00 4.20 2004 3.00 3.10 2.70 2.40 3.60

^{*} of households who lacked enough food for all members of the household and where at least one family member at least one family member experienced hunger at some point for the year.



Source: Policy Brief 07-01 NEPPC, Federal Reserve Bank of Boston, January 2007 *Very low income is the bottom quintile of the income distribution

Vermont: Fair Market Rent - 2 Bedroom Monthly Price 1983 to 2005					
1983	\$ 406				
1984	N/A				
1985	\$ 422				
1986	\$ 414				
1987	\$ 440				
1988	\$ 459				
1989	\$ 502				
1990	\$ 525				
1991	\$ 554				
1992	\$ 581				
1993	\$ 591				
1994	\$ 556				
1995	\$ 544				
1996	\$ 563				
1997	\$ 574				
1998	\$ 608				
1999	\$ 615				
2000	\$ 620				
2001	\$ 661				
2002	\$ 687				
2003	\$ 706				
2004	\$ 717				
2005	\$ 698				

Table 5-11

Source: National Priorities Project:

http://www.nationalpriorities.org/nppdatabase_tool/

Table 5-12 Percent of Renters Unable to Afford a 2 Bedroom Apartment New England States* 1998 to 2003						
	VT	СТ	ME	MA	NH	RI
1998	44%	39%	41%	40%	39%	43%
1999	53	43	45	48	39	51
2000	48	42	46	46	44	46
2003	49	50	52	61	48	50

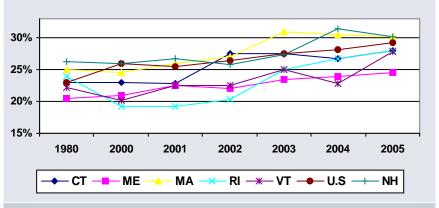
Source: National Priorities Project: http://www.nationalpriorities.org/nppdatabase_tool/

Chart 5-13 Housing Wage in Vermont* 1983 to 2005



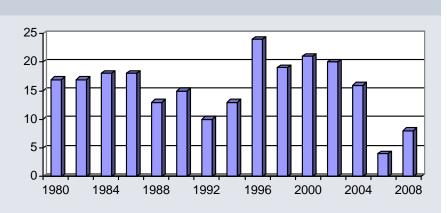
Source: National Priorities Project: http://www.nationalpriorities.org/nppdatabase_tool/ * The wages necessary to afford only a fair market rent for a 2 bedroom apartment

Chart 5-14
Percentage of Households Experiencing Any Housing
Burden (Moderate or Severe: All Households)
New England
1980 to 2005



Source: The Lack of Affordable Housing in New England: How Big a Problem? Why Is It Growing? What Are We Doing About It?

Chart 5-15: National Vermont Rank: State and Local Tax Collections as a Percent of Total State Income* 1980 to 2008



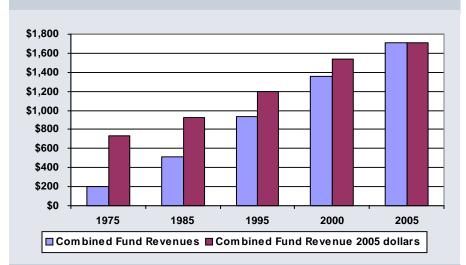
Source: Tax Foundation: http://www.taxfoundation.org/files/sl_burden_vermont-20080807.pdf

*The lower the rank, the higher the tax relative to income.

^{*} Estimates from HUD of the renters who cannot afford fair market rent for a 2 bedroom apartment. Affordable rent is defined as paying no more than 30 of income for rent and utilities.

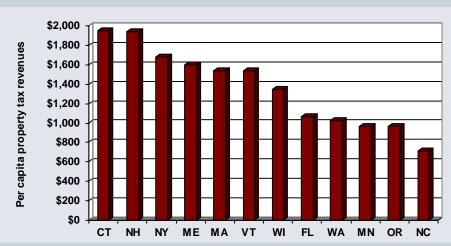
assuming full-time, year round work.

Chart 5-16 Combined Vermont Fund Revenues Excluding Education Property Tax, 1975 to 2005



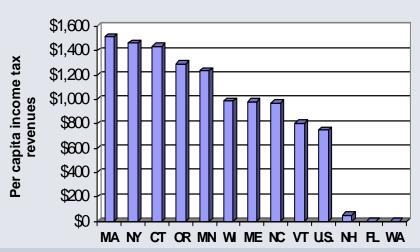
Source: Vermont Legislative Joint Fiscal Office 2007 Vermont Tax Study

Chart 5-17: FY 2004 State and Local Property Tax Revenues Per Capita (State and Local) 12 State Comparisons



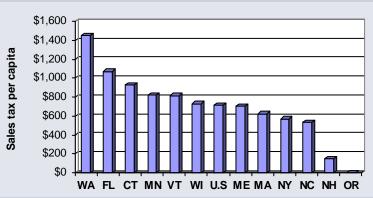
Source: Vermont Legislative Joint Fiscal Office. 2007 Vermont Tax Study http://www.leg.state.vt.us/jfo/Reports/2007-0120Vermont20Tax20Study20-20Volume201.pdf

Chart 5-18
2005 Individual Income Tax Revenues per Capita,
12 State and U.S. Comparisons



Source: Vermont Legislative Joint Fiscal Office. 2007 Vermont Tax Study http://www.leg.state.vt.us/jfo/Reports/2007-0120Vermont20Tax20Study20-20Volume201.pdf





Source: Vermont Legislative Joint Fiscal Office. 2007 Vermont Tax Study http://www.leg.state.vt.us/jfo/Reports/2007-0120Vermont20Tax20Study20-20Volume201.pdf



A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College

Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

Chapter 6:

AGRICULTURE ~ APPENDIX

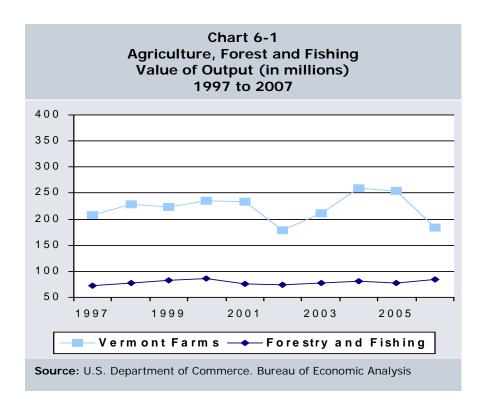
The Appendix for this chapter contains the following charts:

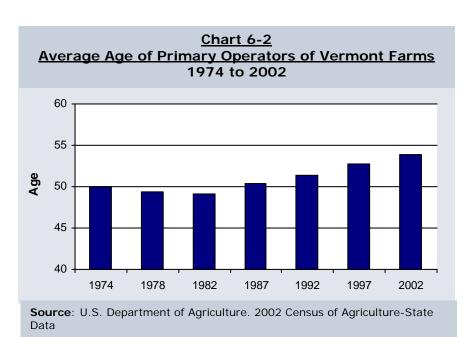
- 1. Agriculture, Forest and Fishing, Value of Output (in millions), 1997 to 2007.
- 2. Average Age of Primary Operators of Vermont Farms, 1974 to 2002.
- 3. Average Number of Cows on Vermont Dairy Farms, 1974 to 2007
- 4. Milk Produced per Cow in Vermont and Selected Dairy States, (in Pounds), 2001 to 2007.
- 5. Value of Government Payments to Farms in Vermont, (Thousands of dollars), 1991 to 2006.
- 6. Changing Structure of Vermont Farms, 1974 to 2002.
- 7. Value of Milk Produced in Vermont, (millions \$), 1991 to 2006.
- 8. Employment on Farms and Related Industries in Vermont, 1981 to 2002.
- 9. Net Farm Income in Vermont, (Thousands of dollars), 1980 to 2006.
- 10. Number of Vermont Dairy Farms and Milk Production (millions of Pounds), 1980 to 2006.
- 11. Average Size of Vermont Farms, (in Acres), 1978 to 2002.

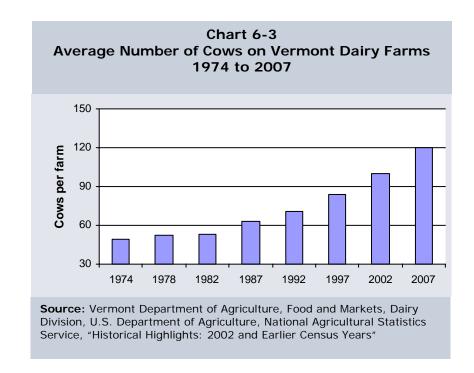


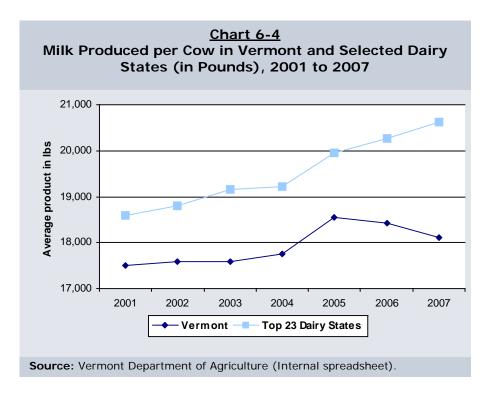
Vermont Council on Rural Development

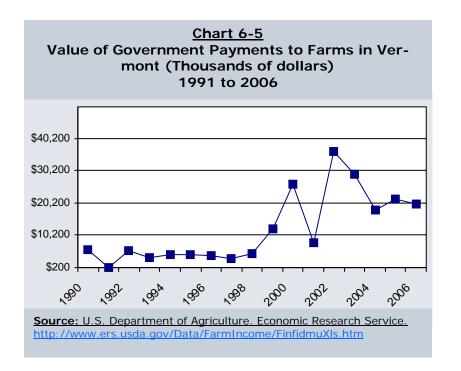
43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091 vcrd2@sover.net; http://www.vtrural.org

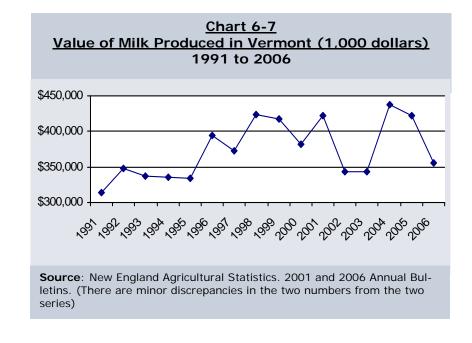


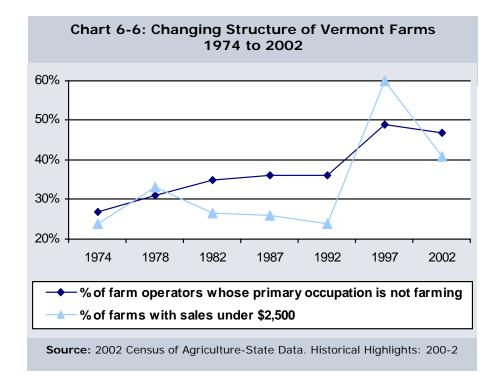


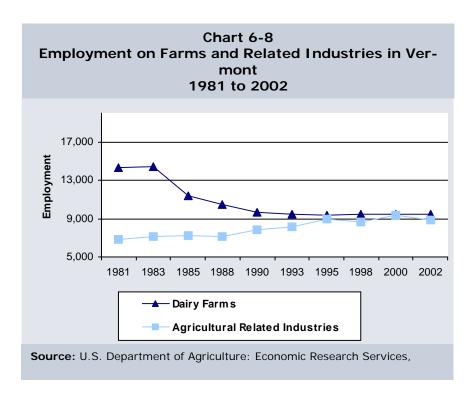


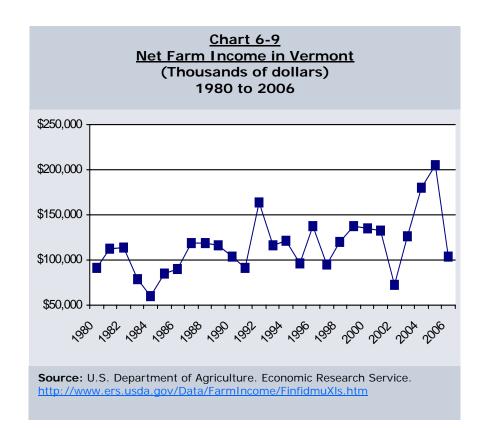


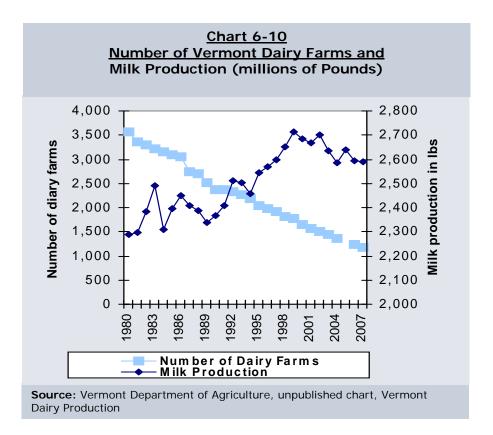


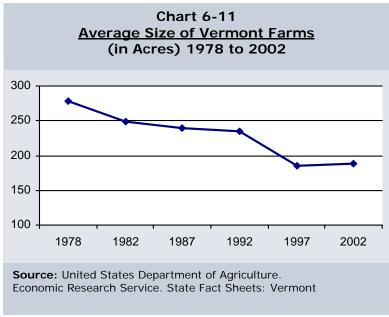












A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College

Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

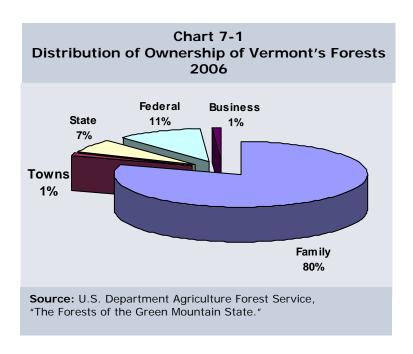
Chapter 7: FORESTRY ~ APPENDIX

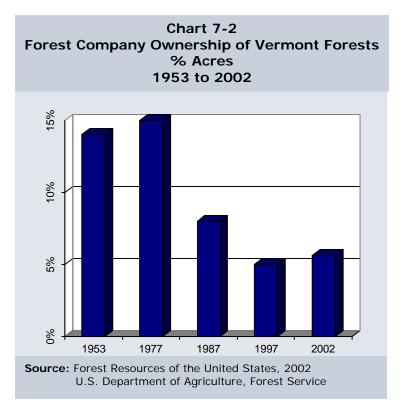
The Appendix for this chapter contains the following charts:

- 1. Distribution of Ownership of Vermont's Forests, 2006.
- 2. Forest Company Ownership of Vermont Forests, % Acres, 1953 to 2002.
- 3. Use Value Appraisal Program, Acres Enrolled in Forest Land, 1980 to 2006.
- 4. Sawtimber in Vermont's Forests, 1973 to 1997

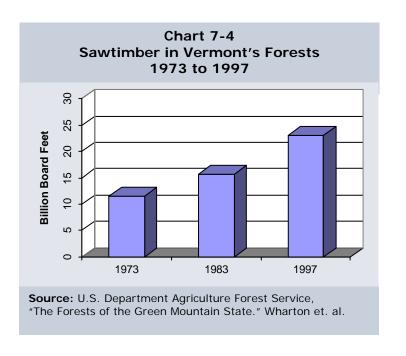


Vermont Council on Rural Development 43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091 vcrd2@sover.net; http://www.vtrural.org









A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College

Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

Chapter 9: PHYSICAL AND ELECTRONIC **INFRASTRUCTURE ~ APPENDIX**

The Appendix for this chapter contains the following charts:

- 1. Motor Vehicle Accident Death Rates, Vermont and United States, 1982-2004
- Percent of Population Using Seatbelts, Vermont and United States, 1985-2007
- Burlington International Airport Operational Statistics, Daily Aircraft Operations, Burlington, VT, 2007
- Edward F Knapp State Airport Operational Statistics, Daily Aircraft Operations, Barre-Montpelier, VT, 2007
- Interstate and Intrastate Greyhound Bus Travel in Vermont, 2003 to 2008
- Total Number of Passengers Boarding and Detraining, All of Vermont Amtrak Stations, 2003-2007
- Age of Long Bridge Structures, Vermont, Pre-1900 to Present
- 8. Age of Short Bridge Structures, Vermont, Pre-1900 to Present
- Number of Closed Bridges in Vermont, 1997-2007
- 10. Percent of Vermont Road Bridges, Classified as "Structurally Deficient or Functionally Obsolete," 1995-2007
- 11. Averaged National Bridge Inventory Conditions Ratings (All Bridges), Vermont, 2000-2006
- 12. Lowest Rated Component (All Bridges), Vermont, 2000-2006
- 13. Selected Transportation Expenditures in Vermont, Millions of Dollars, 1991, 2002, 2007
- 14. Weekly Retail Gasoline Prices, United States, April 1993-April 2008



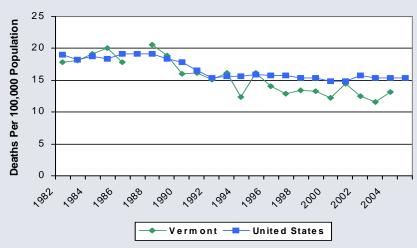
Vermont Council on Rural Development

43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091

vcrd2@sover.net:

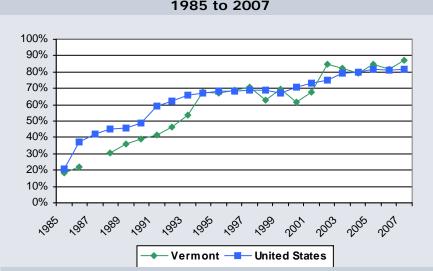
http://www.vtrural.org





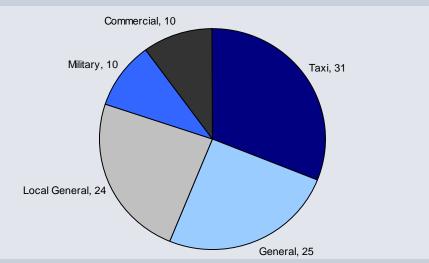
Source: Bureau of the Census, "Statistical Abstract of the United States," various years; Vermont Department of Health, "Vermont Vital Statistics," various years; "Datapedia of the United States: American History in Numbers," (2004), George Thomas Kurian

Chart 9-2
Percent of Population Using Seatbelts
Vermont and United States
1985 to 2007



Source: Vermont Department of Public Safety, Governor's Highway Safety, courtesy Steve Reckers*Note: A change in method of data collection partially explains the drop in 1998.

Chart 9-3: Burlington International Airport Operational Statistics, Daily Aircraft Operations Burlington, Vermont



Source: AIRNAV.com, Burlington International Airport http://www.airnav.com/airport/kBTV

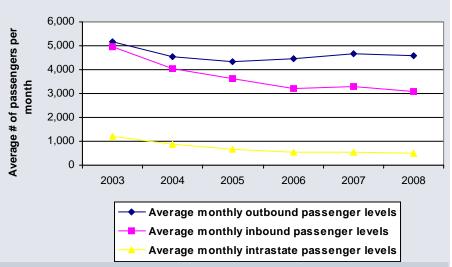
Chart 9-4: Edward F Knapp State Airport Operational Statistics, Daily Aircraft Operations

Barre and Montpelier, Vermont 2007



Source: AIRNAV.com, Burlington International Airport http://www.airnav.com/airport/KBTV

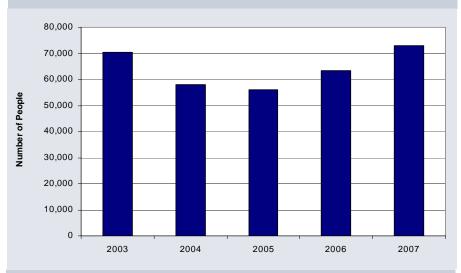
Chart 9-5: Interstate and Intrastate Greyhound Bus Travel in Vermont 2003 to 2008*



Source: Greyhound Corporation.

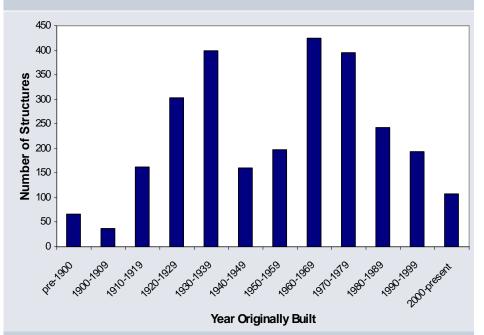
- * Intrastate travelers are included in both outbound and inbound passenger levels.
- * Ridership levels are calculated for only four months in 2003 and nine months in 2008.

Chart 9-6: Total Number of Passengers Boarding and Detraining, All of Vermont Amtrak Stations 2003 to 2007



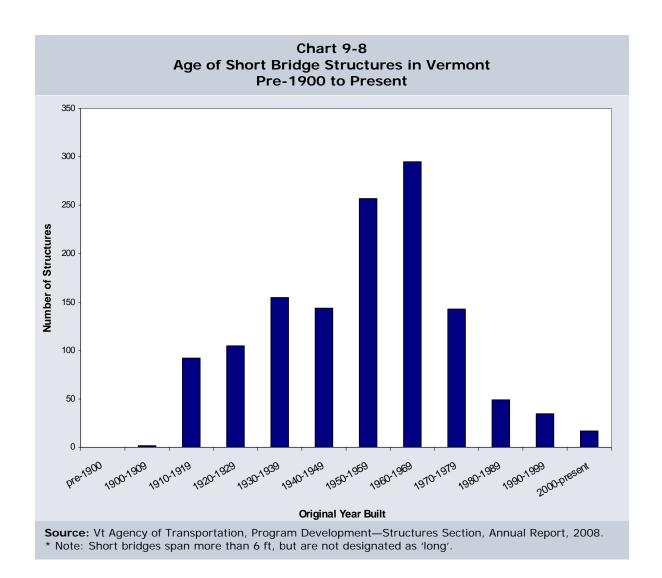
Source: National Association of Railroad Passengers, http://www.narprail.org/cms/images/uploads/fact_sheets_all06.pdf (p847)

Chart 9-7
Age of Long Bridge Structures in Vermont
Pre-1900 to Present



 ${\bf Source:} \ {\bf Vermont} \ {\bf Agency} \ {\bf of} \ {\bf Transportation,} \ {\bf Program \ Development-Structures \ Section, \ Annual \ Report, \ 2008, \ page \ 5.$

Note: Long Structures span more than 20 feet. Also, the peaks of building represent construction after a flood in 1927 and the interstate era (approximately 1958 to 1978).



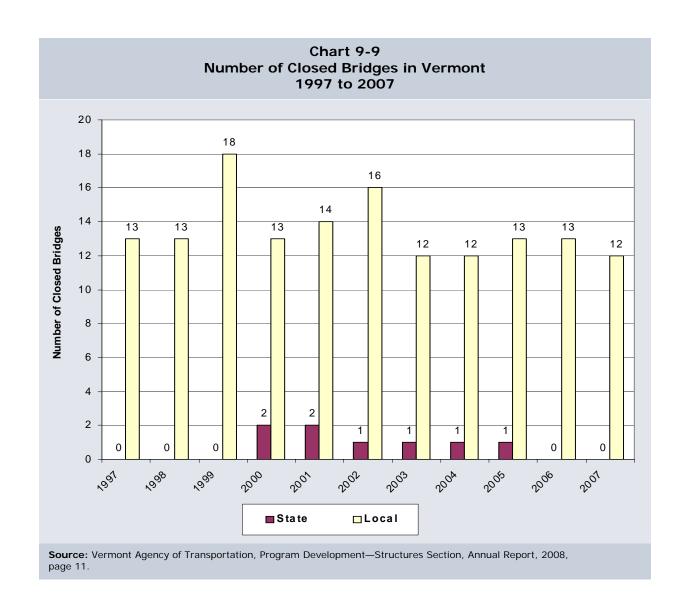
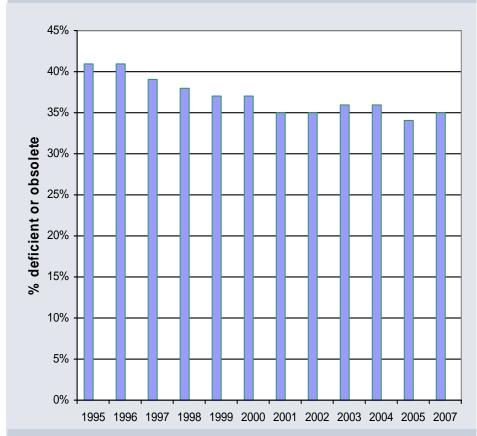


Chart 9-10 Percent of Vermont Road Bridges Classified as "Structurally Deficient or Functionally Obsolete", 1995 to 2007

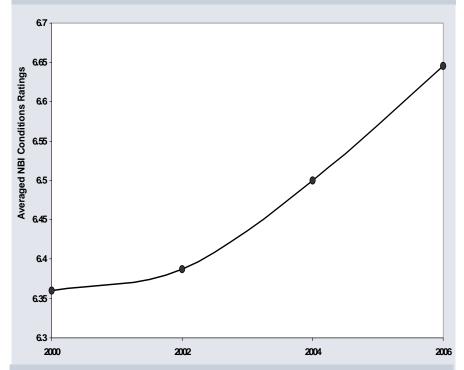


Source: U.S. Bureau of Transportation Statistics, Research and Innovative Technology Administration, various annual reports.

Note: The total number bridges rated in Vermont varied slightly from about 2,686 to 2,716. Explanations for the terms "structurally deficient or functionally obsolete" can be found at the following source:

http://www.fhwa.dot.gov/policy/2006cpr/pdfs/chap3.pdf http://www.bts.gov/publications/state_transportation_statistics/ state_transportation_statistics_2007/

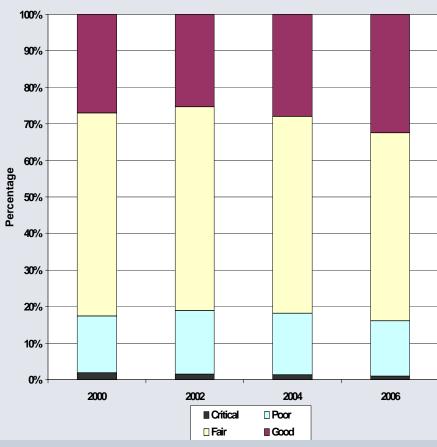
Chart 9-11 Averaged National Bridge Inventory Conditions Ratings (All Bridges) Vermont 2000 to 2006



Source: Vermont Agency of Transportation, Program Development—Structures Section, Annual Report, 2008, page 9.

Note: The scale ranges from 0 to 10, with 10 being the highest.





Source: Vermont Agency of Transportation, Program Development—Structures Section, Annual Report, 2008, page 10.

Chart 9-13 Selected Transportation Expenditures in Vermont Millions of Dollars 1991, 2002, 2007

1991, 2002, 2007			
1991	2002	2007	
12.1	38.3	51.5	
37.9	46.8	59.4	
2.5	23.6	28.0	
2.0	11.9	15.6	
68.7	94.1	110.9	
2.3	12.5	10.4	
5.5	10.1	9.8	
166.3	327.6	387.9	
	1991 12.1 37.9 2.5 2.0 68.7 2.3 5.5 166.3	1991 2002 12.1 38.3 37.9 46.8 2.5 23.6 2.0 11.9 68.7 94.1 2.3 12.5 5.5 10.1	

Source: University of Vermont Transportation Research Center, courtesy Karen Glitman





Source: Energy Information Administration, Petroleum Navigator, http://tonto.eia.doe.gov/dnav/pet/hist/mg tt usW.htm Note: Gasoline is all grades and formulations.

Vermont in Transition:

A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

Chapter 10: ENERGY~APPENDIX

The Appendix for this chapter contains the following charts:

I. Map of natural gas pipeline in Vermont.



Vermont Council on Rural Development 43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091 vcrd2@sover.net;

Map of Natural Gas Pipeline in Vermont



Vermont in Transition:

A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College

Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

Chapter II:

EDUCATION ~ APPENDIX

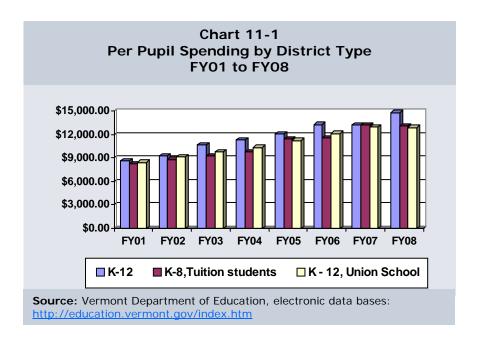
The Appendix for this chapter contains the following charts:

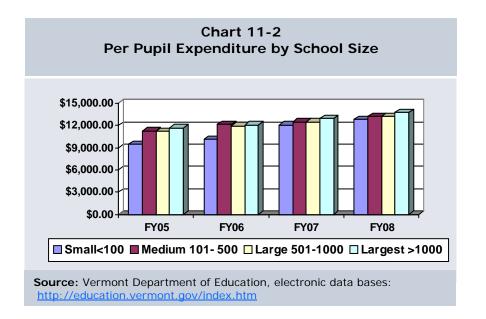
- 1. Per Pupil Expenditure by School Size, FY05 to FY08.
- 2. Vermont Total Headcount by Gender, 2001 to 2007
- 3. Unemployment Rate by Educational Attainment in the U.S. in 2004.
- 4. Education and Earnings in the U.S. in 2004.
- 5. National Private Four Year Institutions: Net vs. Gross Tuition, Fees, Room, and Board, in 2007 Dollars, 1995 to 2007.
- 6. Average Cumulative Debt of VSAC Grant Recipients, Attending 4-Year Institutions, 1993 to 2005.
- 7. Tuition and Fees, Family Income and Aid, 1986-87, 1996-97, 2006-07
- 8. University of Vermont: Tuition, Room, Board and Fees, 1978 to 2006.
- 9. State Appropriations to Higher Education in Vermont, as a Percent of Total State General Fund, 1990 to 2006.
- 10. Percent Achieving Competency: Vermont and the United States, 2007

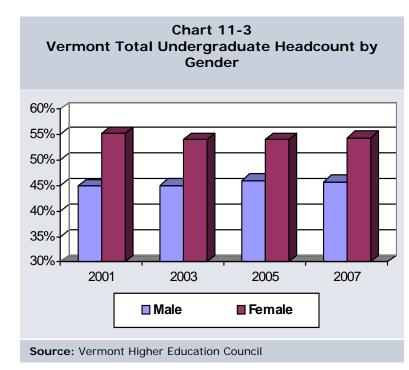


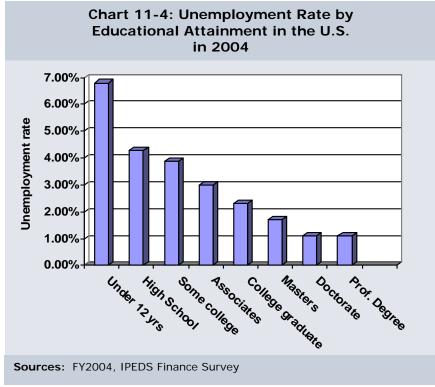
Vermont Council on Rural Development

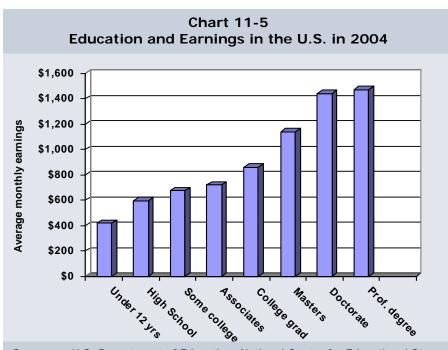
43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091 vcrd2@sover.net; http://www.vtrural.org



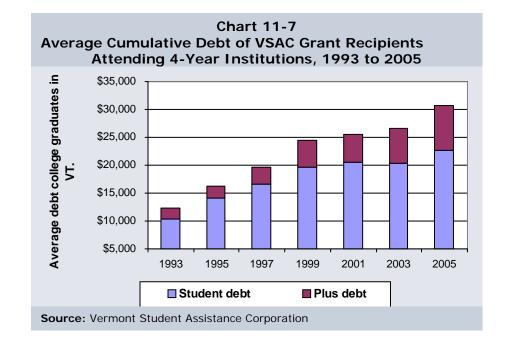








Sources: U.S. Department of Education. National Center for Educational Statistics. FY2004, IPEDS Finance Survey



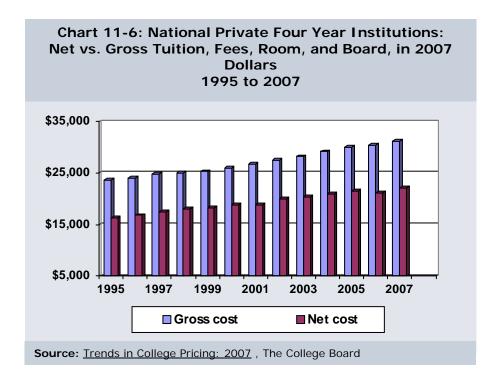
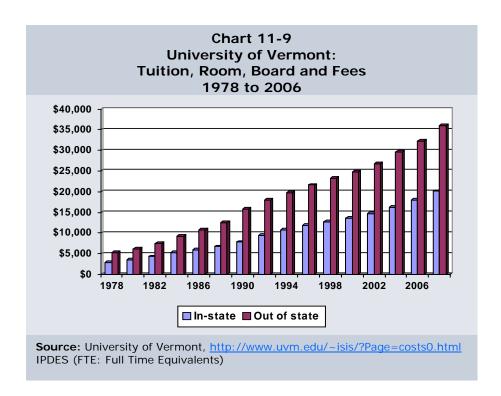
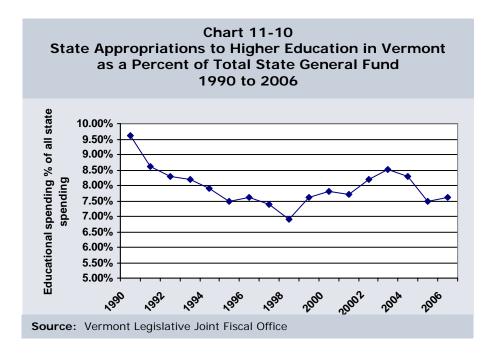
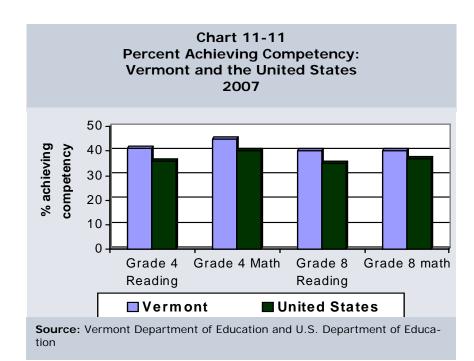


Table 11-8 Tuition and Fees, Family Income and Aid 1986-87, 1996-97 and 2006-07						
	Private	Public 4	Median	Total	Grant	Federal
	4 year	year	Income	Aid per	Aid per	Loan
	College	College	(ages	FTE	FTE	per FTE
			45-54)	Student	Student	Student
1986-87	\$12,218	\$2,595	\$71,482	\$3,967	\$2,014	\$1,826
1997-97	\$16,695	\$3,822	\$73,446	\$6,627	\$3,120	\$3,415
2006-07	\$22,308	\$5,804	\$72,881	\$9,499	\$4,648	\$4,337
Source: Trends in Student Aid 2007, College Board						







Vermont in Transition:

A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College

Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

Chapter 12: HEALTH AND HEALTH CARE ~ APPENDIX

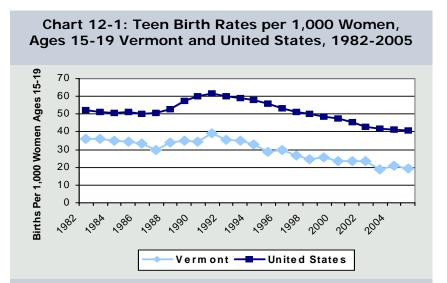
The Appendix for this chapter contains the following charts:

- 1. Teen Birth Rates per 1,000 Women, Ages 15-19, Vermont and the U.S., 1982-2005
- 2. Crude Death Rates, Vermont and United States, 1980-2005
- 3. Early Prenatal Care. Vermont and United States, 1992-2004
- 4. Death Rates for the Two Leading Causes of Death, (Age-Adjusted Per 100,000), Vermont and United States, 1980-2005
- 5. Number of Deaths to HIV/AIDS, Vermont, 1988-2005
- 6. Death Rates for All Accidents and Injuries (Per 100,000), Vermont and United States, 1980-2004
- 7. Motor Vehicle Accident Death Rates, Vermont and United States, 1982-2004
- 8. Percent of Population Using Seatbelts, Vermont and United States, 1985-2007
- 9. Suicide Rate Per 100,000, Vermont and United States, 1981-2005
- 10. Substance Abuse of High School Students, Self-Reports of Risk Behavior, Vermont and United States, 1993-2007
- 11. Per Capita Alcohol Consumption, Gallons of Ethanol, Vermont and the United States, 1970-2005
- 12. Percent of Adults Without Leisure Time Physical Activity, Vt. and United States, 1990-2007
- 13. Percent of Women (Aged 40+), Having a Mammogram within the Past 2 Years, Vermont and United States, 1990-2006
- 14. Percent Population Covered by Health Insurance, Vermont and United States, 1987-2005
- 15. Health Care Expenditures per Capita, Vermont, 1991-2004
- 16. Inpatient Hospital Care, Measured by Discharge Rates, Per 1,000 Age Adjusted Population, Vermont and U.S., 1990-2006
- 17. Average Length of Acute Hospital Stay, Age Adjusted, Vermont, 1990-2006
- 18. Vermont State Hospital, Year-End Census, 1960-2008
- 19. Vermont Community Mental Health Caseload, 1985-2007
- 20. Number of Cumulative Patient Days and Number of Hospitalization Episodes For Mental Illness plus Substance Abuse, Vermont, 1990-2005
- 21. Hospital Admissions, Discharges & Readmissions, Vermont State Hospital Vermont, 1982-2008
- 22. Active Physicians and Percent Female, Vermont, 1996–2006

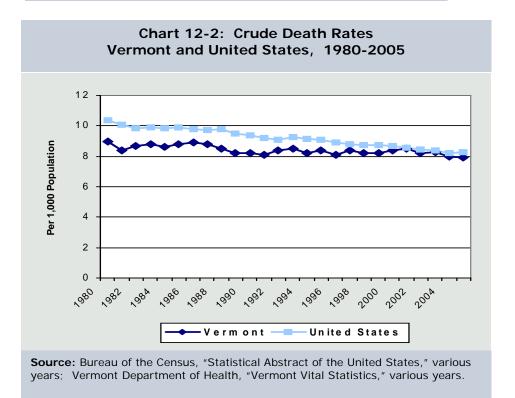


Vermont Council on Rural Development

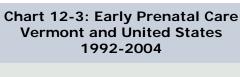
43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091 vcrd2@sover.net; http://www.vtrural.org

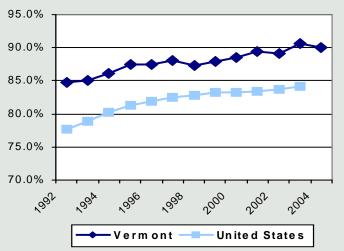


Source: National Center for Health Statistics, Center for Disease Control. "Births: Final Data for 2005;" Vermont Department of Health, "Vermont Vital Statistics," various years.



2 ~ Vermont in Transition: Chapter 12: Health and Health Care Appendix

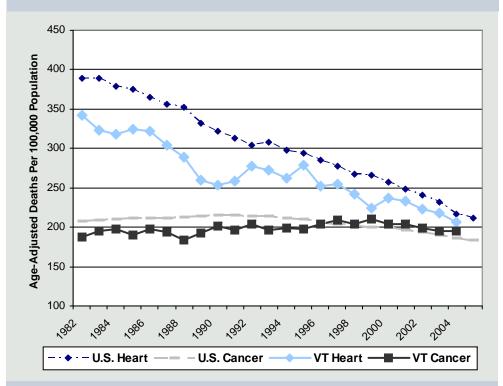




Source: Vermont Agency of Human Services, Planning Division, "Vermont Well-Being: A Social Indicators Sourcebook," May, 2006, David Murphey.

Chart 12-4: Death Rates for the Two Leading Causes of Death (Age-Adjusted Per 100,000)

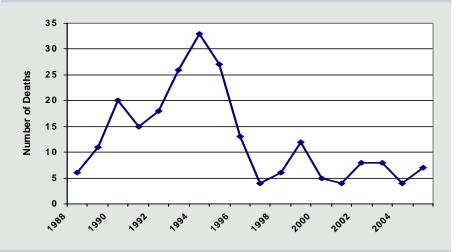
Vermont and United States



Note: The rates for the time period between 1952 and 1972 were in the 160 per 100,000 range.

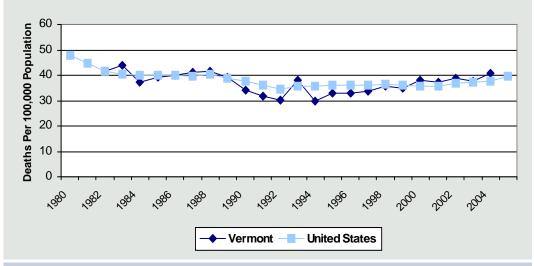
Source: Bureau of the Census, "Statistical Abstract of the United States," various years; Vermont Department of Health, "Vermont Vital Statistics," various years.

Chart 12-5
Number of Deaths Due to HIV/AIDS*
Vermont, 1988 to 2005



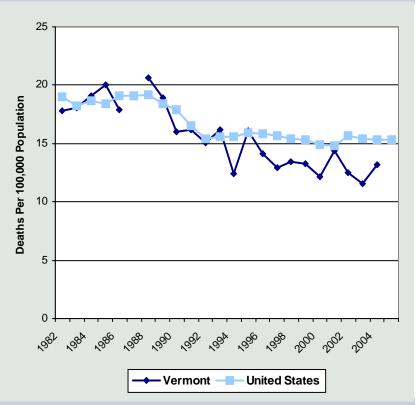
Source: Vermont Department of Health, "Vermont Vital Statistics," various years.

Chart 12-6: Death Rates for All Accidents and Injuries (Per 100,000) Vermont and United States, 1980-2004



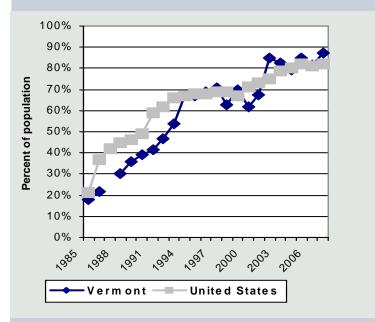
Source: Bureau of the Census, "Statistical Abstract of the United States," various years; Vermont Department of Health, "Vermont Vital Statistics," various years; National Center for Health Statistics, "Deaths: Injuries; National Vital Statistics Reports, Deaths: Final Data."

Chart 12-7: Motor Vehicle Accident Death Rates
Vermont and United States
1982 to 2004



Source: Bureau of the Census, "Statistical Abstract of the United States," various years; Vermont Department of Health, "Vermont Vital Statistics," various years; "Datapedia of the United States: American History in Numbers," (2004), George Thomas Kurian.

Chart 12-8
Percent of Population Using Seatbelts
Vermont and United States
1985 to 2007



Source: Vermont Department of Public Safety, Governor's Highway Safety, courtesy Steve Reckers. Note: A change in method of data collection partially explains the drop in 1998.

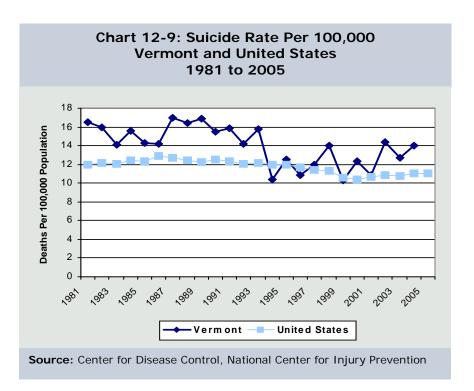
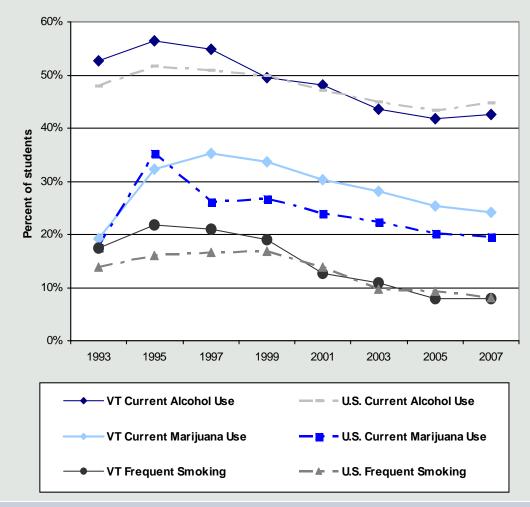


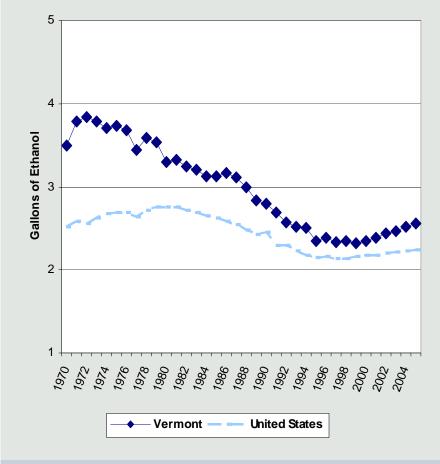
Chart 12-10 Substance Abuse of High School Students* Self-Reports of Risk Behavior Vermont and United States 1993 to 2007



Source: Center for Disease Control, Youth Risk Behavior Survey, Healthy Youth! Youth Online: Comprehensive Results.

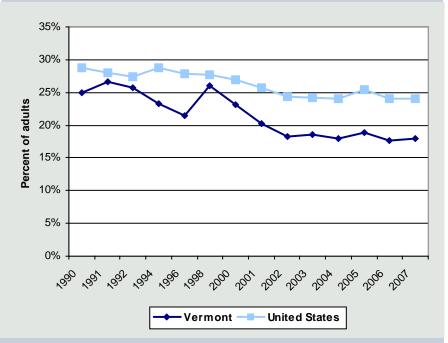
*Definitions: "Current Alcohol Use" is the percentage of students who had at least one drink of alcohol on at least 1 day during the 30 days before the survey. "Current Marijuana Use" is the percentage of students who used marijuana one or more times during the 30 days before the survey. "Frequent Smoking" refers to the percentage of students who smoked cigarettes on 20 or more days during the 30 days before the survey.

Chart 12-11
Per Capita Alcohol Consumption
Gallons of Ethanol
Vermont and the United States
1970 to 2005



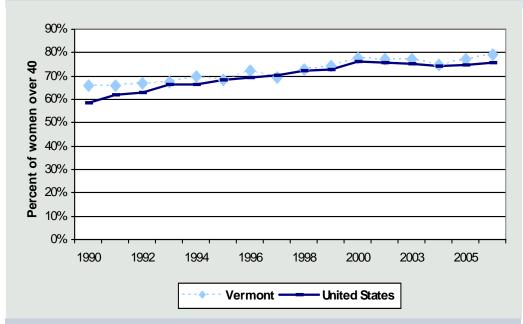
Source: National Institute of Alcohol Abuse and Alcoholism, National Institute of Health, "Database Resources."

Chart 12-12
Percent of Adults Without Leisure Time Physical Activity
Vermont and United States
1990 to 2007



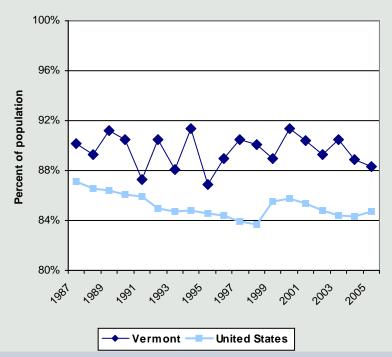
Source: Center for Disease Control, National Center for Chronic Disease Prevention & Health Promotion, Behavioral Risk Factor Surveillance System, Physical Activity Statistics,

Chart 12-13 Percent of Women (Aged 40+) Having a Mammogram Within the Past 2 Years Vermont and United States 1990 to 2006



Source: Center for Chronic Disease Prevention & Health Promotion, Behavioral Risk Factor Surveillance System, Trends Data, Vermont vs. Nationwide.

Chart 12-14
Percent Population Covered by Health Insurance *
Vermont and United States



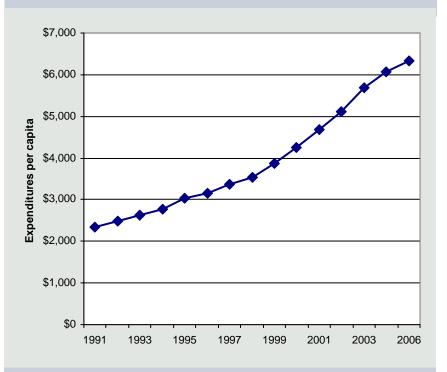
Source: Historical Statistics of the United States, Millennial Edition,: "Work and Welfare"; Bureau of the Census, "Statistical Abstract of the United States," various years; Social Change in America: The Historical Handbook, edited by Patricia C. Becker, Bernan Press (2006); Health Insurance,

Historical Health Insurance Tables, *Table HI-4. Health Insurance Coverage Status*

and Type of Coverage by State All People: 1987 to 2005.

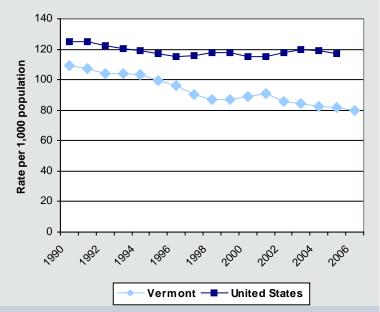
* The Vermont data is based on estimates made by federal surveys of relatively small sample sizes. Larger Vermont based surveys for 2000 and 2005 arrived at figures that were within two percentage points of

Chart 12-15 Health Care Expenditures per Capita Vermont



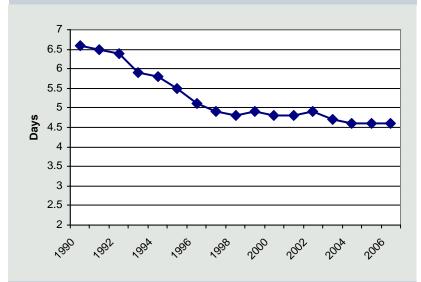
Source: Department of Banking, Insurance, Securities and Health Care Administration, "2006 Vermont Health Care Expenditure Analysis and Three Year Forecast," Vermont January, 2008; Centers for Medicaid and Medicare Services. "Health Expenditures by State of Residence: 1991-2004."

Chart 12-16
Inpatient Hospital Care
Measured by Discharge Rates
Per 1,000 Age Adjusted Population
Vermont and United States 1990 to 2006



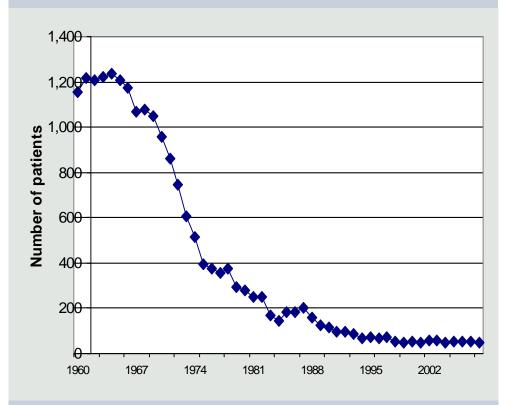
Source: Department of Banking, Insurance, Securities and Health Care Administration, "2006 Vermont Inpatient Hospitalization Re-

Chart 12-17 Average Length of Acute Hospital Stay* Age Adjusted Vermont 1990 to 2006



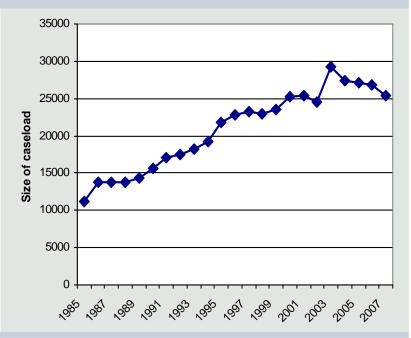
Source: Department of Banking, Insurance, Securities and Health Care Administration, "2006 Vermont Inpatient Hospitalization Report," June, 2006, VT Uniform Hospital Discharge Data Set.

Chart 12-18 Vermont State Hospital Year-End Census 1960 to 2008



Source: Vermont Department of Health, Mental Health Performance Indicator Project, "Inpatient Behavioral Health Care Services Provided to Vermont Residents, 1990-2005," John Pandiani and Brennan Martin, August, 2007.

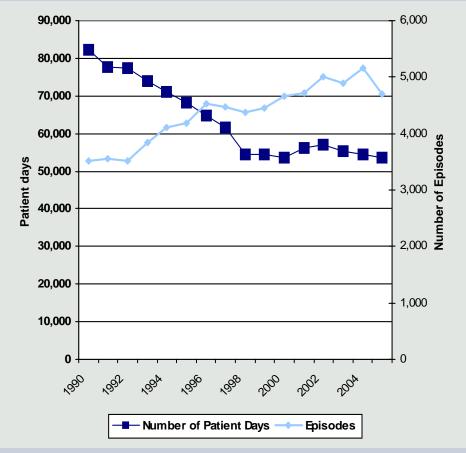
Chart 12-19 Vermont Community Mental Health Caseload* 1985 to 2007



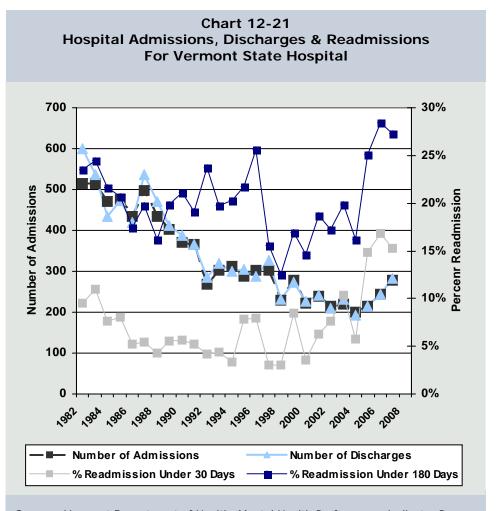
Source: Based on analysis of Monthly Service Report data provided to the Vermont Department of Mental Health by designated community mental health agencies. Analysis conducted by the Vermont Mental Health Performance Indicator Project.

* Caseload includes only Vermont Community Mental Health Centers, not hospitals or private practice.

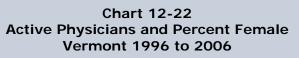
Chart 12-20
Number of Cumulative Patient Days
and Number of Hospitalization Episodes
For Mental Illness plus Substance Abuse
Vermont 1990 to 2005

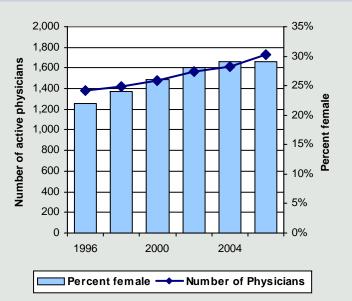


Source: Vermont Department of Health, Mental Health Performance Indicator Project, "Inpatient Behavioral Health Care Services Provided to Vermont residents, 1990-2005," Vermont Department of Health, John Pandiani and Brennan Martin, August, 2007.



Source: Vermont Department of Health, Mental Health Performance Indicator Pro-





Source: Vermont Department of Health, "2006 Physician Survey Statistical Report."

Vermont in Transition:

A Summary of Social Economic and Environmental Trends

A study by

Center for Social Science Research at Saint Michael's College

Vince Bolduc, Ph. D. and Herb Kessel, Ph. D.

for the

Council on the Future of Vermont

December 2008

Chapter 14: GOVERNANCE, CIVIC ENGAGEMENT, AND QUALITY OF LIFE ~ APPENDIX

The Appendix for this chapter contains the following charts:

- 1. Percentage of People who Agree/Disagree with Various Statements on Vermont Government and the Engagement of Vermonters, 2008
- 2. Number and Percentage of Registered Voters at Town Meeting, Vermont, 2001-2008
- 3. Campaign Finance Summary, Vermont, 2007-2008
- 4. Session Length and Number of Days to Pass the Appropriations Bill, Vermont, 1998-2007
- Yearly Cases Added and Disposed In Vermont Trial Courts, Total of Superior, District, and Family Courts, FY1988-FY2008
- 6. Vermont Juvenile Delinquency Cases, Cases Disposed, FY 1985 FY 2007
- 7. Total Vermont State Expenditures versus Revenue, FY 1997 2007
- 8. Vermont State Expenditures, All Sources, 1998 and 2007
- 9. State and Local Welfare Spending, As a Percentage of General Spending, Various Years, 1992-2004
- 10. Vermont State Expenditures, Five Largest 2007 Categories, FY 1998-2007
- 11. State and Local General Expenditures Per Capita, Various Years, 1993-2004
- 12. Vermont Executive Branch Employees, 1994-2008
- 13. Executive Branch Employee Distribution, by Agency/Department, FY 2007
- 14. Number of Government Units in the State of Vermont, Various Years, 1992-2007
- 15. Vermont State Revenue, All Sources, 1998 and 2007
- 16. State and Local General Revenue from Federal Government, Dollar Amount and Percentage of General Spending, Various Years, 1992-2004, Vermont
- 17. Main Volunteer Activity, United States, 2007



Vermont Council on Rural Development

43 State Street., PO Box 1384 Montpelier, VT 05601-1384 (802) 223-6091

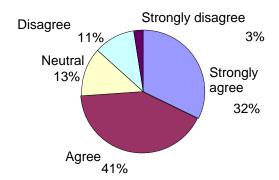
vcrd2@sover.net;

http://www.vtrural.org

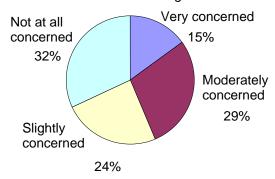
Chart 14-1

The Percentage of People who Agree/Disagree with Various Statements on Vermont Government and the Engagement of Vermonters 2008

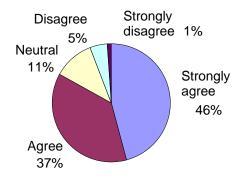
"I value the accessibility of government in Vermont."



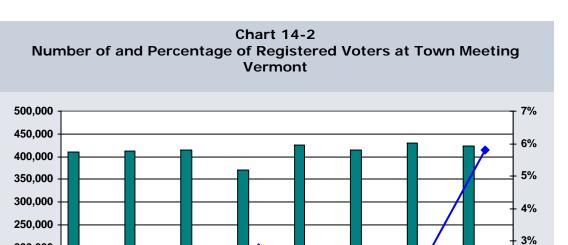
"Are you concerned about the level of engagement of Vermonters in their local governments?"

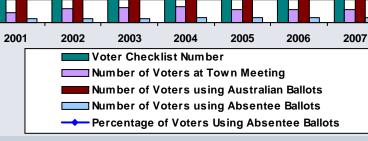


"I value the participatory government in Vermont."



Source: Center for Rural Studies (http://crs.uvm.edu) 2008 Council on the Future of Vermont Telephone Survey.





Source: Vermont Secretary of State http://vermont-elections.org/elections1/townmeetingturnout.html

200,000 150,000

100,000

50,000

Note: It is difficult to find "trends" given the small amount of data. Also note that percentages of "Voters at Town Meeting" and "Voters Using Australian Ballot" are not calculated because data is problematic or incomplete.

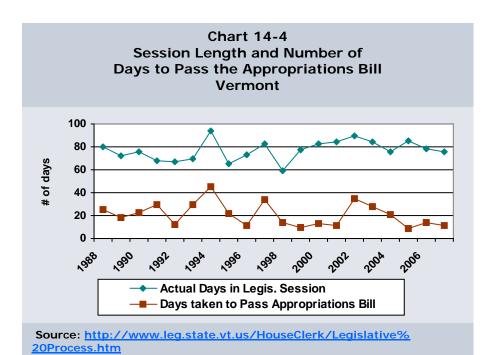
2%

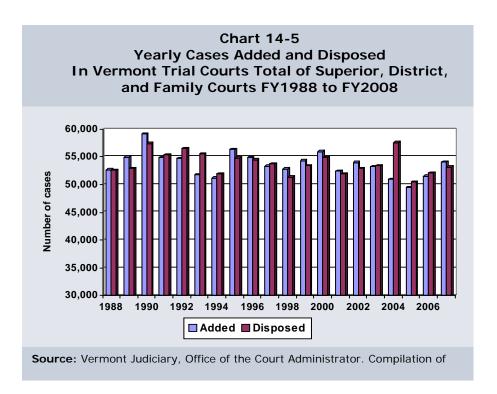
1%

2008

Chart 14-3 Campaign Finance Summary Vermont 2007 to 2008			
Category	Total	Rank*	
Total Itemized Contributions++	\$3,131,575	47	
Total to Democrats	\$2,594,640	40	
Percent to Democrats	82.9%	1	
Total to Republicans	\$523,009	50	
Percent to Republicans	16.7%	50	
Individual donations (\$200+)	\$3,312,704	47	
Soft money donations	\$0	24	
PAC donations	\$132,778	46	

Source: Center for Responsive Politics. http://opensecrets.org/states/summary.php?state=VT

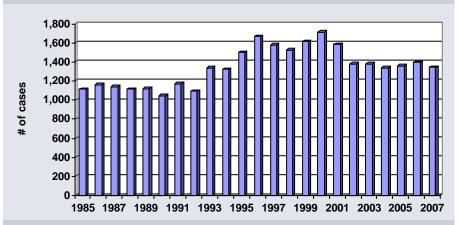




^{*}Rank shows how Vermont compares to all 50 states.

 $^{++\}mbox{This}$ figure includes PAC contributions and individual contributions to candidates and parties.

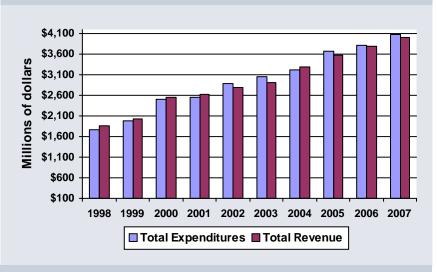
Chart 14-6 Vermont Juvenile Delinquency Cases Cases Disposed FY 1985 to FY 2007



Source: Vermont Annual Judicial Statistics, Office of the Court Administrator, in Vermont Department of Children and Families, "Juvenile Justice Sourcebook: Delinquency Dispositions in Vermont, 2007."

Note: The number of cases that flow through the juvenile courts are quite stable from year to year, with major fluctuations more a result of enforcement or court policy than the behavior of Vermont's young citizens. The rise that appears in the chart above in the mid-1990's is largely a reflection of changes in the policy towards the "possession of malt beverages." In 2007, the typical violator who was charged was a 15 year old male and the most common offenses that resulted in charges for males were violations against property (433) and violence (357), followed by drug offenses (186) and violations against the public order (177). In that year, there were 1,256 charges brought against males and 459 against females. The total charges for possession of weapons at school were 23 and 31 for sexual assault.

Chart 14-7
Total Vermont State Expenditures versus Revenue
FY 1997 to 2007 (in millions)



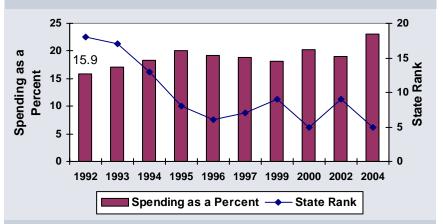
Source: "Vermont Comprehensive Annual Financial Report for Period Ending June 30, 2007," page 203-204.

Chart 14-8 Vermont State Expenditures All Sources 1998 and 2007

Category of Expenditure	1998	2007
General Government	\$130,983,914	\$66,604,950
Protection to persons and property	113,904,695	247,732,080
Human services	771,326,892	1,521,057,433
Employment and training	23,926,899	24,487,881
General education	315,650,561	1,609,653,282
Natural resources	67,002,990	97,456,248
Commerce & community develop.	32,808,072	30,607,512
Transportation	229,415,218	379,347,072
Public service enterprises	1,505,472	1,890,030
Capital outlay	5,630,110	37,034,547
Debt service, interest	24,256,578	23,032,806
Debt service, principal	45,695,000	46,097,158
Total State Expenditures	1,762,106,401	4,085,000,999

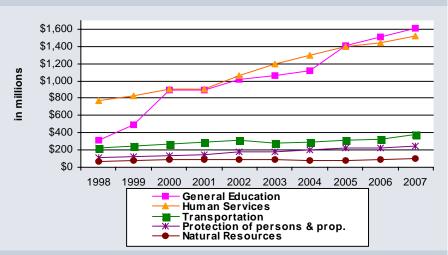
Source: "Vermont Comprehensive Annual Financial Report for Period Ending June 30, 2007," pages 202-203.

Chart 14-9
State and Local Welfare Spending in Vermont*
As a Percentage of General Spending



Source: Hovey, Kendra A. and Harold A. Hovey, <u>CO's State Fact Finder</u>, various years, Congressional Quarterly Press.

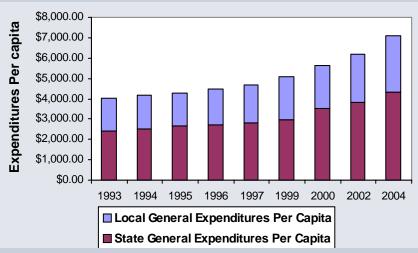
Chart 14-10 Vermont State Expenditures Five Largest 2007 Categories (in millions) FY 1998 to 2007



Source: "Vermont Comprehensive Annual Financial Report for Period Ending

^{*} In addition to cash payments, the definition of Welfare spending includes "Medicaid and other payments to vendors, administrative costs, and welfare

Chart 14-11: State and Local General Expenditures Per Capita in Vermont* 1993 to 2004



Source: Hovey, Kendra A. and Harold A. Hovey, <u>CQ's State Fact Finder</u>, various years, Congressional Quarterly Press.

* State aid to local governments is included only when local officials spend the resources. This avoids double counting. In all years presented, Vermont ranks among the highest 21 states in total expenditures per capita. In 2004, the total \$7,077 was the 9th highest amount of the 50 states

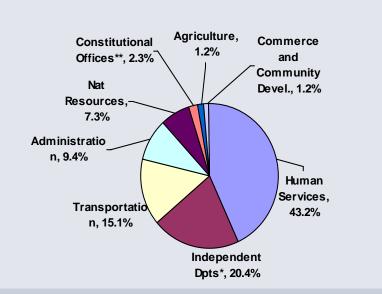
Chart 14-12: Vermont Executive Branch Employees 1994 to 2008



Source: Vermont Department of Human Resources, extracted from Human Capital Management System, courtesy Doug Pine.

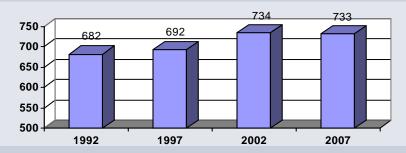
Note: Classified service positions are competitive appointments under a merit system of personnel administration. The remaining number that constitute the grand total are "exempt" employees which are generally filled through elective or appointive processes.

Chart 14-13
Executive Branch Employee Distribution
by Agency/Department
FY 2007



Source: "State of Vermont Workforce Report – FY 2007, Workforce Characteristics."*Independent Departments include: Public Safety, Labor, Education, Defender General, BISHCA, Liquor Control, Military, Public service, and State's Attorney's and Sheriffs. Constitutional Offices (also called Statewide Elected Offices) include: Attorney General, Auditor of Accounts, Governor's Office, Lieutenant Governor, Secretary of State, and State Treasurer.

Chart 14-14
Number of Government Units in the State of Vermont*
1992 to 2007



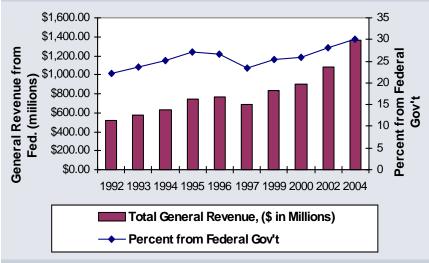
Sources: Hovey, Kendra A. and Harold A. Hovey, <u>CO's State Fact Finder</u>, various years, Congressional Quarterly Press; Bureau of the Census, Census of Governments, 1992, 1997, 2002, 2007;

Chart 14-15 Vermont State Revenue: All Sources 1998 and 2007			
Source of revenue	1998	2007	
Taxes	\$981,170,111	\$2,460,570,749	
Fees	30,723,658	70,221,353	
Sales of service, rents, leases	18,155,472	13,723,675	
Federal grants	690,679,253	1,243,957,617	
Fines, forfeits, pen- alties	7,373,244	19,315,425	
Investment income	7,216,805	17,316,519	
Licenses	61,237,739	92,593,084	
Special assessments	32,768,035	29,026,116	
Other revenues	34,213,995	71,338,330	
Total State Reve- nue	1,863,535,312	4,018,098,868	

Source: "Vermont Comprehensive Annual Financial Report for Period Ending June 30, 2007," pages 202-203.

^{*} Includes all towns, cities, school districts, water and sewer districts, etc.

Chart 14-16: State and Local General Revenue from Federal Government * **Dollar Amount and Percentage of General Spending in** Vermont, 1992 to 2004



Source: Hovey, Kendra A. and Harold A. Hovey, CO's State Fact Finder, various years, Congressional Quarterly Press.

Chart 14-17 Main Volunteer Activity, United States 2007		
	Percent distribution	
	of main volunteer	
	activity	
Coach, referee, or supervise sports	5.8%	
Tutor or teach	10.8	
Mentor youth	5.8	
Be an usher, greeter or minister	4.2	
Collect prepare, distribute food	9.2	
Collect, make, or distribute clothing, crafts	3.2	
Fundraise or sell items to raise money	10.9	
Provide counseling, medical care, fire/EMS, or pro-	3.1	
tective services		
Provide general office services	4.7	
Provide professional management assistance, board member	7.6	
Engage in music, performance or other artistic activity	4.4	
Engage in general labor, transportation	8.3	
Other	14.3	
"Equal time among all"	7.7	
Source: Bureau of Labor Statistics, "Volunteering in the Unit 08-0090	ed States, 2007," USDL	

^{*} Federal aid contributing to "general revenue" is defined by the Census survey of government finances. It excludes certain trust funds, but includes such funds as those for highway construction. In all years presented, Vermont ranked among the highest three to 11 states in its percent of general revenue from the Federal Government.