

# VERMONT

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An Economic-Demographic Profiles Series

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## NORTHEAST VERMONT

Caledonia County  
Essex County  
Orleans County



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# SUMMARY OF VERMONT CHARACTERISTICS BY RANK IN THE U.S.

<u>Selected Characteristics</u>	<u>Vermont</u>	<u>Rank</u>	<u>U.S.</u>
<b>Population Estimates</b>			
1990 (Thousands)	563	48	248,765
1998 (Thousands)	591	49	270,299
2025 (Projected; Thousands)	678	50	335,050
1997 Under Age 18 (Percent)	24.7	38	26.0
1997 Age 65 and Over, (Percent)	12.3	32	12.7
1996 Residing in a metro area, (Percent)	27.7	49	79.8
<b>Vital Statistics and Health</b>			
Births to teenage mothers, percent of total, 1996	8.9	45	12.9
Infant deaths per 1,000 live births, 1995	6.0	44	7.6
Motor-vehicle deaths per 100 mil. vehicle miles, 1996	1.4	35	1.8
Doctors per 100,000 resident population, 1996	277	7	239
<b>Education</b>			
Enrollment rate, public elem/sec schools, 1995 % 1/	95.9	5	91.6
Teachers' average salary, 1996 \$ 2/	37,200	20	38,562
Full-time college enrollment, 1996 % of total	68.9	7	57.4
<b>Law Enforcement</b>			
Violent crime rate per 100,000 people, 1996	121	48	634
Federal and State prisoners per 10,000 people, 1996	19.1	45	44.5
<b>Income and Poverty</b>			
Personal income per capita, 1990 (Constant 1992 \$)	19,073	24	20,652
Personal income per capita, 1997 (Constant 1992 \$)	20,764	30	22,713
Median Household Income, 1990 (Constant 1996 \$)	37,332	16	35,945
Median Household Income, 1996 (Constant 1996 \$)	32,358	36	35,492
Percent of Population below Poverty Level, 1990	10.9	35	13.5
Percent of Population below Poverty Level, 1996	12.6	19	13.7
<b>State Governments</b>			
General revenue per capita, 1990 \$	2,545	11	2,086
General revenue per capita, 1996 \$	3,325	13	2,910
<b>Miscellaneous</b>			
Energy consumption per capita, 1995 (Million BTU's)	256	41	344
Home Ownership Rate, 1997 (Percent)	69.1	21	65.7
Retail sales per household, 1996 \$	25,153	29	24,992

- 1/ Percent of persons 5 to 17 years old.  
2/ For school year ending in June the following year.

Source:

State profile from U.S. Bureau of the Census,  
Statistical Abstract of the United States, 1998.

# SUMMARY OF COUNTY CHARACTERISTICS IN NORTHEASTERN VERMONT

<u>CHARACTERISTICS</u>	<u>COUNTY</u>	<u>% OF STATE</u>
<b>CALEDONIA</b>		
Population (1997)	28,667	5%
Employment (1997)	10,654	4%
Per Capita Income (1997)	19,043	83%
Annual Wage (1997)	21,230	83%
Area (Square Miles)	619	6%
<b>ESSEX</b>		
Population (1997)	6,205	1%
Employment (1997)	1,651	1%
Per Capita Income (1997)	14,466	63%
Annual Wage (1997)	24,480	96%
Area (Square Miles)	671	7%
<b>ORLEANS</b>		
Population (1997)	25,685	4%
Employment (1997)	8,472	3%
Per Capita Income (1997)	18,014	78%
Annual Wage (1997)	20,748	81%
Area (Square Miles)	737	8%

# NORTHEAST VERMONT:

## CALEDONIA COUNTY ESSEX COUNTY ORLEANS COUNTY

### INTRODUCTION

Vermont's "Northeast Kingdom" is made up of the state's three northeastern counties; Caledonia, Essex, and Orleans. The area borders central and northwestern Vermont, Canada on the north, and New Hampshire on the east. The region makes up over 20% of the state's geographical area, much of it remaining rural and undeveloped. Essex County in particular is untouched by the interstate highway system that passes through the other two counties, and the economic development it brings.

The population density of the area is the lowest in the state, and the region continues to rely heavily on agriculture and forest related industries for its economical well-being. Tourism is growing as it is in the rest of the state, with the area's natural beauty and rural character. The most northern peak of the Green Mountain range, Jay Peak lies just inside the Orleans County border. Although the rest of the region does not have the elevations of the Green Mountain range, the glaciers of the past did leave their marks on the rugged terrain of the northeast. Lyndon Outing Club and Burke Mountain ski areas are located in Caledonia County.

Orleans County boasts a large number of lakes, Memphremagog, which

straddles the U.S - Canadian border, pristine Willoughby, Caspian Lake which attracts summer residents from around the country, and many smaller lakes, ponds and streams offering multiple fishing and boating access points. Newport City, scenically located on Lake Memphremagog, is the largest population center in the county, and has easy access to Interstate 91.

Caledonia County is located southeast of Orleans County, and borders a rural and scenic section of the Connecticut River. St. Johnsbury, the largest town in the "Kingdom" is well served by the highway infrastructure, with the interchange of Interstates 91 and 93, as well as U.S. Route 2, one of the few east-west connectors in New England. St. Johnsbury and neighboring Lyndonville combine for the economic, educational and cultural center of the region.

Essex County is the most undeveloped county in the state. The area has few routes of access, and with fewer than 10 residents per square mile, is by far the most sparsely populated. In fact the population of the county peaked prior in the late 1800's. Most of Essex County is included in the land area currently owned by Champion International Paper Company, and in line for buy-out by a consortium of government and private conservation groups. The vast 133,000

acres of forest, lakes and rivers has been heavily logged in the past, but access has generally been granted to those who asked permission. The outcome of this land deal will have major impact on the future of Essex County, both economically and environmentally.

## I. POPULATION

The three counties of the northeast kingdom total about ten percent of the state's population, with under 60,600 residents. Most towns are small, with only a few reaching 5,000 residents. St. Johnsbury in Caledonia County is the largest town in the region, with over 7,700 residents.

Caledonia County has the largest population of the three, totaling 28,667 in 1997. The three largest towns in the county, St. Johnsbury, Lyndon, and Hardwick make up over half the county population. Thirteen other towns make up the balance of the population in the county. Stannard has the smallest population with only 163 residents in 1997.

Orleans County's population is slightly lower than Caledonia's at 25,685. Again, three large communities make up almost half of the county total; Newport City, Derby, and Barton. All other towns in the county have populations of less than 2,000 residents. Of the three counties in the Northeast Kingdom, Orleans has shown the most growth in population since 1990. It is the only

county in the region which exceeded the statewide growth rate. The town with the highest rate of growth was Lowell, which grew from just under 600 residents to just over 700 during the period.

Essex County has the smallest population in the region, second smallest in the state, and is one of only two in the state which have lost population since 1990. The entire population of the county totaled only 6,205 in 1997. Only four towns have more than 1,000 residents; Brighton, Canaan, Concord and Lunenburg. At the other end of the spectrum are the unorganized townships of Avery's Gore, Lewis, and Warner's Grant which have no year-round population. Many towns in the county have lost population since 1990, including all four of the largest towns listed above. The town showing the largest growth is Brunswick, which increased in population from 92 to 109 residents.

Orleans County is the only one in the region which showed significant in-migration since 1990. Surprisingly, that county had the second highest in-migration in the state. Caledonia had slight in-migration over the period, while Essex had a net out-migration of 340.

The age make-up of population in the northeastern region is largely comparable to the state. However, the 35+ age group makes up a slightly larger percentage of the region's population than statewide (see tables 5-7).

Table 8 and the associated chart indicate that both Caledonia and Orleans have conviction rates above the statewide average, while Essex has lower. Caledonia had the highest conviction rate per 100 residents in the state in 1997. The conviction data is influenced by administrative factors as well as actual crime rates.

## II. ECONOMIC TRENDS

The northeastern counties account for an even smaller share of the state's economy than population. About nine percent of the state's labor force, and less than eight percent of the state's covered jobs are located within the region (Chart 1).

The industry make-up of jobs in the region is largely similar to the state as a whole. Surprisingly though, manufacturing is the industry accounting for the highest number of jobs in the northeast at 24% of the total, compared to 17% statewide. Services, which accounts for 28% of the state's jobs makes up only 23% of the region's. Statewide job growth between 1990 and 1997 was 9% compared to only 7% in the northeast region. The largest employers in the northeast include Ethan Allen Manufacturing Corp., Northeast Kingdom Mental Health Services, Zayre Central Corp., Columbia Forest Products, EHV Weidman, NSA Industries, and the Northeastern Vt. Regional Hospital. Caledonia leads the three counties in employment, exceeding the total of the

other two northeastern counties. As in most of the state, services account for the largest percentage of jobs, followed closely by trade and manufacturing. Job growth in Caledonia County exceeded the state total between 1990 and 1997 by one percentage point.

Orleans County has the second highest employment level in the region, again with services, trade and manufacturing accounting for the largest percentage of jobs. Orleans County had job growth of less than 4% between 1990 and 1997, the lowest in the state.

Essex County, the county with the second lowest number of jobs in the state, has the least typical job make-up by industry. Over 55% of Essex County's covered employment is in manufacturing, and less than 8% is in services, the largest sector statewide. Government accounts for over 20% of the jobs in Essex.

The three northeastern counties share about 21% of Vermont's total farmland (Table 12). Orleans County's economy is the most impacted by agriculture of the three. Orleans ranks third in the state in terms of agricultural products sold. Table 13 and the associated charts show the significance of forestry in the northeastern counties. Over 36% of the state's 1997 softwood harvest was from the northeast. The region produces less hardwood, although Orleans County continues to produce over 10% of the state's total.

### **III. INCOME AND WAGES**

Income levels in the Northeast Kingdom continue to be among the lowest in the state. Per Capita income includes personal income from a variety of sources. All three counties report per capita income well below that of Vermont as a whole, and rank 11th (Caledonia), 13th (Orleans) and 14th (Essex) among the 14 counties. The change in per capita income between 1990 and 1997 has also been lower than the state as a whole, leaving the area even further behind than in 1990.

Median adjusted income by town is reported in Tables 2 - 4. This represents the median of all tax filers. The statewide median for 1997 was \$23,562, and few towns in the northeastern region exceed that. Those that do include Waterford, Danville, Kirby and Wheelock in Caledonia County, and Canaan in Essex County.

Poverty rates are the highest in the state in the three northeastern counties, above 15% in each. All three counties also have higher than the statewide per capita recipients of ANFC and food stamps. Orleans and Essex generally have higher rates than Caledonia. Newport City, one of the largest municipalities in the area, has significantly higher percentages of residents receiving ANFC and Food Stamps than in other parts of the region and the state.

Average wage is one measure of the quality of the jobs located in the area,

rather than the relative wealth of the residents. The annual average wage for each of the three northeastern counties is lower than the statewide average. The statewide average is highly influenced by Chittenden County, the only county in the state which does exceed the state average.

Essex County has the highest average wage in the region, at \$24,480. Although many of the town averages cannot be disclosed, both Norton and Lunenburg have average annual wages exceeding \$30,000. Caledonia is second in the region, with Ryegate the only town with average wage above \$30,000 per year. Orleans' average wage was lowest in the region, and third lowest in the state.

Wages also reflect the industrial make-up of the area's jobs. Over one-half of Essex County's 1,651 jobs are in manufacturing, which in general offer higher wages than many other industries. Orleans County has a higher percentage of jobs in services and retail trade which tend to have lower average wages.

### **IV. HOUSING**

Growth in housing in the Northeast Kingdom has been at a slightly higher rate than statewide between 1990 and 1997. The region's increase was led by Orleans County which had an increase of over 1,200 housing units, or nearly 10% during the period. Caledonia's growth rate was 5.9%, matching the



statewide rate, and Essex again lagged both the state and the rest of the region with a housing growth rate of only 3.5%.

Tables 15 - 17 show the great variation in housing growth rates between individual towns. Smaller towns tended to have the higher growth rates between 1990 and 1997. The tables show eight towns with growth rates of more than 20%. Seven of the eight had only 200 to 400 total housing units. The eighth, and the town with the highest growth rate in the region was Norton in Essex County, increasing from 128 in 1990 to 164 units in 1997.

The mix of year-round and seasonal housing varies greatly throughout the region. Essex and Orleans Counties exceed the statewide average in percent of vacation housing, while Caledonia, at 15.3%, is a full percentage point lower than the state.

In Essex County, four towns have only seasonal housing, and seven others have more seasonal homes than year-round. Much of the land area in the county is in the Northern forest. Orleans County has four towns with high percentages of seasonal housing, but for more of a variety of reasons. Jay has a ski area within its borders, and Greensboro has a large summer home community associated with Caspian Lake. Westmore and Morgan have a mix of lake and natural areas. Caledonia has only one town with a seasonal housing rate above 50%, that being Newark, part of the Northern Forest. Towns which have the highest

recent growth rates in seasonal housing include Walden in Caledonia County, Norton in Essex County, and Holland in Orleans County.

Average residential value is more subdued in the northeastern part of the state, with very few towns reporting average value above \$100,000 (See Tables 2 - 4). Greensboro, with the highest value in Orleans County is also the highest in the region. Peacham and Waterford in Caledonia County also have average values above \$100,000. There are more towns in the lower range, six with an average residential value below \$50,000. Most of those towns are small and have relatively few year-round housing units.

Property tax values for 1998 are also listed in Tables 2 - 4. The property tax rates include tax rates to cover both municipal and school spending, and as the changes in the state's educational funding laws take effect, the tax rates of individual towns may see significant change.

## **V. EDUCATION**

All three counties in the northeastern region averaged a lower spending level per pupil than the state average of \$6,223 for school year 1998 - 1999. Caledonia had the highest county level in the region. The state established a block grant level of \$5010 per pupil for school year 1998 - 1999. All the towns in Caledonia County exceeded this block grant level. Ryegate had the

highest spending level in the county at \$6,900, and Kirby had the lowest with spending of less than \$100 above the block grant level.

Orleans County has three towns which authorized spending over \$7,000 per pupil; Albany, Craftsbury, and Greensboro. On the lower end of the scale, Lowell's per pupil spending was \$5005, slightly less than the block grant level.

Table 19 shows Essex County's town spending levels. Seven of the thirteen towns in this county spend less than the block grant amount, and only one town, Victory with only four students, spends more than \$6,000 per student.

High schools in the Northeast Kingdom range well above and below the state average in terms of student performance measures. The percentage of students planning to attend college is in general significantly lower in the northeastern region than the state's overall 59%. The only exception to this is Danville in Caledonia County which had a 63% rate of college-bound students. Hazen and Lyndon Institute, also in Caledonia County, were on the low end of that spectrum, with only 35% and 36% of their students planning to attend college.

SAT scores for students in the northeastern Vermont region were also generally lower than the state or national average. Concord High School is the one school which significantly exceeded those average scores, particularly on the verbal test. Concord

is a small school with a low student-teacher ratio, but with a surprisingly high drop-out rate of 9.1%.

The drop-out rate was also relatively high at St. Johnsbury Academy (9.1%), and North Country (8.3%), the two largest schools in the region. Danville, Hazen, Lyndon Institute, and Lake Region high schools all had drop rates well below the statewide rate.

The student-teacher ratio ranged from a high of 14.0 (just above the state average of 13.8) to a low of 9.2 in northeastern schools. The lowest was at St. Johnsbury Academy in Caledonia County.

Public post-secondary educational opportunities in the Northeast Kingdom include Lyndon State College, part of the state college system and Community College of Vermont, which holds classes in St. Johnsbury and Newport. Private colleges include Sterling College in Craftsbury which offers academic degree programs combined with outdoor, hands-on work, and Springfield College's School of Human Services which offers courses in St. Johnsbury.

Also located in the Northeast Kingdom is Burke Academy, a private high school which combines academics with competitive ski-racing.

Table 1

Demographic - Economic Comparison of Vermont Counties									
County	Pop. 1997 1/	% of State	Labor Force 1997 2/	Covered Emplmnt 1997 3/	Unemp Rate 1997 2/	Avg Yrly Wage 1997 3/	Per Cap Income 1997 4/	% Below Poverty Level 1995 5/	
Vermont	588,978	100.0%	327,000	274,355	4.0%	\$ 25,506	\$ 23,017	11.2%	
Addison	34,957	5.9%	19,050	12,079	4.0%	\$ 23,874	\$ 20,216	11.8%	
Bennington	35,754	6.1%	19,700	17,532	4.3%	\$ 23,139	\$ 24,720	12.7%	
Caledonia	28,667	4.9%	15,250	10,654	5.4%	\$ 21,230	\$ 19,043	15.2%	
Chittenden	141,975	24.1%	86,400	86,363	2.6%	\$ 29,840	\$ 26,840	8.1%	
Essex	6,205	1.1%	2,850	1,651	6.9%	\$ 24,480	\$ 14,466	15.4%	
Franklin	43,420	7.4%	23,000	12,819	4.1%	\$ 23,826	\$ 18,730	12.2%	
Grand Isle	6,061	1.0%	3,250	897	6.0%	\$ 17,519	\$ 23,204	9.7%	
Lamoille	21,940	3.7%	11,850	9,943	5.5%	\$ 19,559	\$ 22,092	12.4%	
Orange	26,940	4.6%	15,550	7,502	3.2%	\$ 21,394	\$ 19,168	11.7%	
Orleans	25,685	4.4%	12,350	8,472	8.0%	\$ 20,748	\$ 18,014	17.1%	
Rutland	62,527	10.6%	32,750	28,430	4.7%	\$ 23,774	\$ 22,336	12.0%	
Washington	56,750	9.6%	31,150	28,979	4.8%	\$ 24,807	\$ 23,318	10.0%	
Windham	43,127	7.3%	22,900	23,350	3.8%	\$ 24,961	\$ 23,586	11.7%	
Windsor	54,970	9.3%	31,050	22,653	3.1%	\$ 23,873	\$ 24,910	10.9%	
Change in Key Demographic - Economic Comparison of Vermont Counties									
	Population			Covered Employment			Per Capita Income		
	1990 /5	Change 90-97	% Chng 90-97	1990 3/	Chng 90-97	%Chng 90-97	1990	Chng 90-97	%Chng 90-97
Vermont	562,758	26,220	4.7%	251,658	22,697	9.0%	\$ 17,677	\$ 5,340	30.2%
Addison	32,953	2,004	6.1%	11,178	901	8.1%	\$ 15,739	\$ 4,477	28.4%
Bennington	35,845	(91)	-0.3%	15,764	1,768	11.2%	\$ 18,638	\$ 6,082	32.6%
Caledonia	27,846	821	2.9%	9,688	966	10.0%	\$ 14,756	\$ 4,287	29.1%
Chittenden	131,761	10,214	7.8%	77,548	8,815	11.4%	\$ 20,546	\$ 6,294	30.6%
Essex	6,405	(200)	-3.1%	1,523	128	8.4%	\$ 11,779	\$ 2,687	22.8%
Franklin	39,980	3,440	8.6%	11,279	1,540	13.7%	\$ 15,184	\$ 3,546	23.4%
Grand Isle	5,318	743	14.0%	674	223	33.1%	\$ 18,418	\$ 4,786	26.0%
Lamoille	19,735	2,205	11.2%	8,131	1,812	22.3%	\$ 16,915	\$ 5,177	30.6%
Orange	26,149	791	3.0%	6,860	642	9.4%	\$ 14,922	\$ 4,246	28.5%
Orleans	24,053	1,632	6.8%	8,173	299	3.7%	\$ 13,957	\$ 4,057	29.1%
Rutland	62,142	385	0.6%	27,047	1,383	5.1%	\$ 16,635	\$ 5,701	34.3%
Washington	54,928	1,822	3.3%	27,202	1,777	6.5%	\$ 18,061	\$ 5,257	29.1%
Windham	41,588	1,539	3.7%	21,781	1,569	7.2%	\$ 18,255	\$ 5,331	29.2%
Windsor	54,055	915	1.7%	20,812	1,841	8.8%	\$ 18,859	\$ 6,051	32.1%
Sources: 1/ Vermont Department of Health 2/ Vermont Department of Employment & Training, Populations Claims Method, Labor Force Estimates, Benchmark, March 1998. Data not comparable prior to 1990. 3/ Vermont Department of Employment & Training; UI Covered Employment data. 4/ U.S. Department of Commerce, Bureau of Economic Analysis 5/ U.S. Bureau of the Census, Small Area Income & Poverty Estimates Program									

# Demographic - Economic Comparison of Vermont Counties

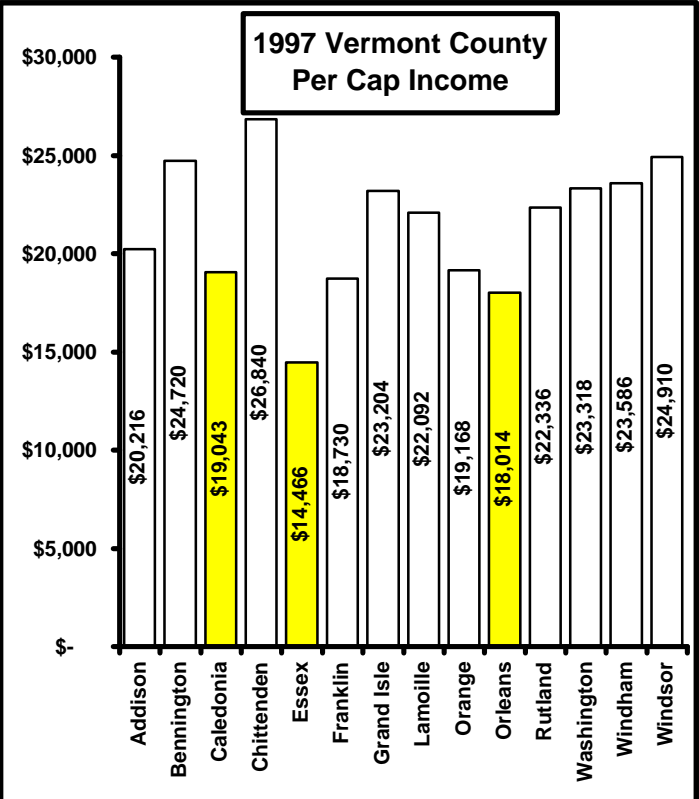
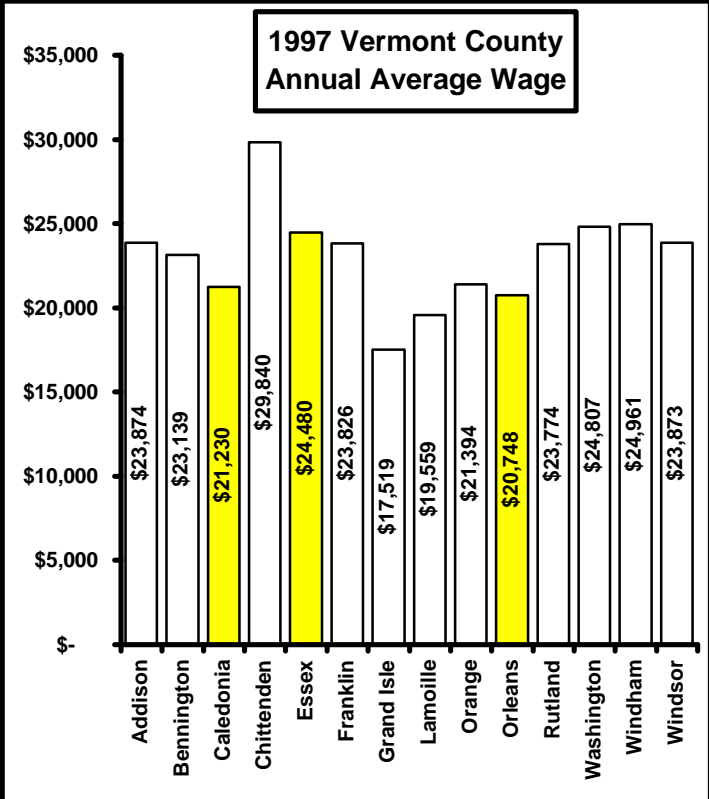
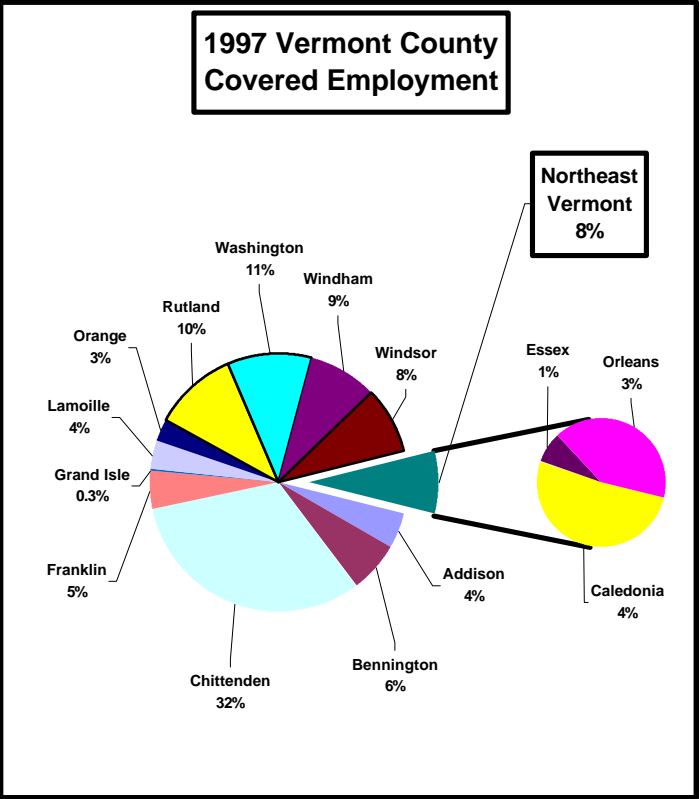
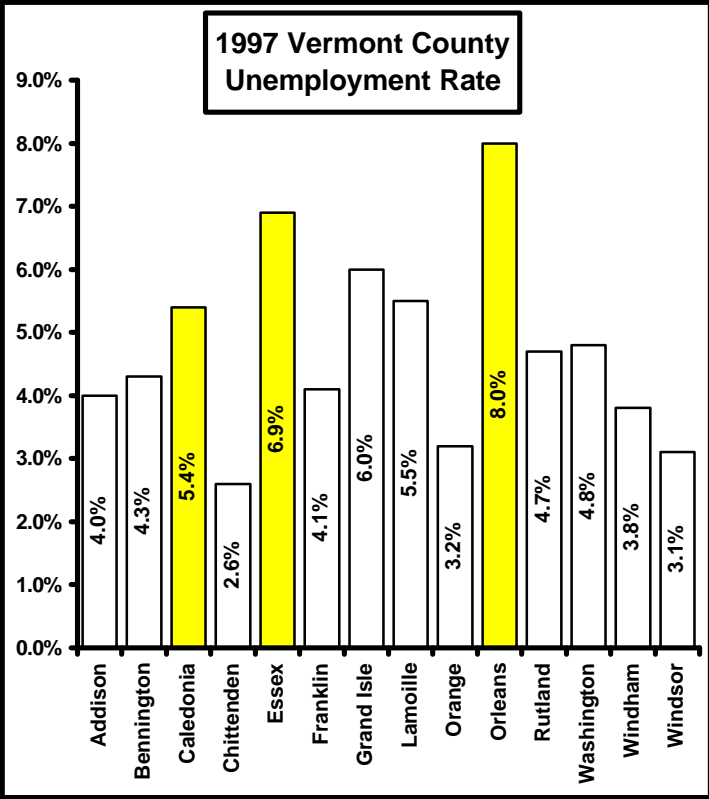


Table 2

## Demographic - Economic Comparison of Caledonia County Towns

	Population 1997 1/	% Share County	Annual Average		% Population		Effective Property Tax Rate 1998 4/	Average Residential Value 1998 4/	Median Adjusted Income 1997 5/
			Employmt 1997 2/	Wage 1997 2/	ANFC 1997 3/	Food Stamps 1997 3/			
Vermont	588,978	NA	274,355	\$25,506	3.8%	8.6%	\$ 1.94	NA	\$23,562
Caledonia County	28,667	100.0%	10,654	\$21,230	5.2%	12.1%	\$ 2.11	NA	NA
Barnet	1,487	5.2%	197	\$19,602	3.6%	9.0%	\$ 1.91	\$ 84,081	\$22,720
Burke	1,433	5.0%	423	\$17,252	5.1%	12.1%	\$ 1.85	\$ 71,493	\$22,196
Danville	1,980	6.9%	312	\$17,135	1.4%	4.3%	\$ 1.78	\$ 82,044	\$25,338
Groton	931	3.2%	73	\$20,766	5.6%	14.3%	\$ 2.53	\$ 71,402	\$20,565
Hardwick	2,939	10.3%	731	\$18,068	8.3%	18.8%	\$ 2.71	\$ 57,161	\$17,034
Kirby	388	1.4%	D	D	2.3%	4.1%	\$ 1.70	\$ 69,908	\$24,611
Lyndon	5,547	19.3%	2,664	\$22,375	4.4%	11.0%	\$ 2.14	\$ 74,860	\$19,820
Newark	376	1.3%	29	\$14,961	3.7%	14.1%	\$ 1.83	\$ 60,926	\$22,301
Peacham	649	2.3%	51	\$14,325	1.9%	5.7%	\$ 2.19	\$107,234	\$21,486
Ryegate	1,080	3.8%	225	\$30,836	4.1%	8.2%	\$ 1.61	\$ 74,491	\$21,032
St. Johnsbury	7,744	27.0%	5,618	\$21,526	7.4%	15.7%	\$ 2.29	\$ 74,749	\$18,511
Sheffield	634	2.2%	51	\$16,210	9.3%	19.4%	\$ 1.96	\$ 50,649	\$18,324
Stannard	163	0.6%	D	D	5.1%	25.3%	\$ 2.86	\$ 41,303	\$18,559
Sutton	935	3.3%	60	\$17,065	4.2%	10.9%	\$ 2.12	\$ 54,854	\$20,753
Walden	749	2.6%	39	\$26,375	D	7.4%	\$ 1.85	\$ 71,630	\$19,097
Waterford	1,095	3.8%	168	\$19,736	0.7%	1.7%	\$ 1.57	\$102,955	\$25,633
Wheelock	537	1.9%	D	D	2.1%	7.7%	\$ 2.04	\$ 57,888	\$23,875

Sources: 1/ Vermont Department of Health, Population & Housing Estimates 1997  
 2/ Vermont Department of Employment & Training; UI Covered Employment (Inc. Gov.)  
 3/ Vermont Department of Social Welfare. ANFC and Food Stamps rates calculated by dividing recipients by the population estimate  
 4/ Vermont Division of Property Valuation and Review.  
 Residential 1 value is for single family residence on less than six acres. Rate per \$100.  
 County rates calculated based on total taxes assessed and total equalized value.  
 5/ Vermont Department of Taxes, 1997 Vermont Tax Statistics, Median Adjusted Gross Income by School District

D denotes data which cannot be disclosed.

NA denotes data is not applicable.

Table 3

## Demographic - Economic Comparison of Essex County Towns

	Population 1997 1/	% Share County	Annual Average		% Population		Effective Property Tax Rate 1998 4/	Average Residential Value 1998 4/	Median Adjusted Income 1997 5/
			Employmt 1997 2/	Wage 1997 2/	ANFC 1997 3/	Food Stamps 1997 3/			
Vermont	588,978	NA	274,355	\$25,506	3.8%	8.6%	\$ 1.94	NA	\$23,562
Essex County	6,205	100.0%	1,651	\$24,480	6.0%	15.0%	\$ 1.37	NA	NA
Averill	7	0.1%	D	D	D	D	\$ 0.19	\$107,328	D
Avery's Gore	-	0.0%	D	D	D	D	\$ 0.24	D	D
Bloomfield	264	4.3%	15	\$21,821	5.5%	11.1%	\$ 1.21	\$ 53,156	\$20,604
Brighton	1,328	21.4%	314	\$16,340	9.5%	22.9%	\$ 1.83	\$ 58,315	\$16,596
Brunswick	109	1.8%	D	D	6.4%	18.3%	\$ 1.33	\$ 54,354	\$18,805
Canaan	1,112	17.9%	D	D	4.1%	9.3%	\$ 1.46	\$ 70,293	\$25,196
Concord	1,090	17.6%	108	\$19,017	5.3%	14.1%	\$ 1.80	\$ 61,540	\$22,345
East Haven	269	4.3%	D	D	9.7%	23.7%	\$ 1.90	\$ 47,005	\$20,820
Ferdinand	23	0.4%	D	D	D	4.3%	\$ 0.33	\$ 42,270	D
Granby	94	1.5%	22	\$26,858	10.1%	12.8%	\$ 1.29	\$ 48,794	\$18,682
Guildhall	286	4.6%	38	\$14,203	1.5%	5.6%	\$ 1.96	\$ 76,124	\$21,286
Lemington	114	1.8%	D	D	D	D	\$ 1.68	\$ 57,119	\$22,659
Lewis	-	0.0%	D	D	D	D	\$ 0.38	D	D
Lunenburg	1,172	18.9%	334	\$32,383	6.5%	17.4%	\$ 1.76	\$ 52,325	\$21,765
Maidstone	132	2.1%	D	D	D	7.6%	\$ 1.13	\$ 76,664	\$21,047
Norton	157	2.5%	62	\$31,393	D	2.9%	\$ 1.21	\$ 63,972	\$21,838
Victory	47	0.8%	D	D	7.4%	12.8%	\$ 0.28	\$ 48,762	\$16,969
Warners Grant	-	0.0%	D	D	D	D	\$ 0.16	D	D
Warren Gore	1	0.0%	D	D	D	D	\$ 0.16	D	D

Sources: 1/ Vermont Department of Health, Population & Housing Estimates 1997  
 2/ Vermont Department of Employment & Training; UI Covered Employment (Inc. Gov.)  
 3/ Vermont Department of Social Welfare. ANFC and Food Stamps rates calculated by dividing recipients by the population estimate  
 4/ Vermont Division of Property Valuation and Review.  
 Residential 1 value is for single family residence on less than six acres. Rate per \$100.  
 County rates calculated based on total taxes assessed and total equalized value.  
 5/ Vermont Department of Taxes, 1997 Vermont Tax Statistics, Median Adjusted Gross Income by School District

D denotes data which cannot be disclosed.

NA denotes data is not applicable.

Table 4

## Demographic - Economic Comparison of Orleans County Towns

	Population 1997 1/	% Share County	Annual Average		% Population		Effective Property Tax Rate 1998 4/	Average Residential Value 1998 4/	Median Adjusted Income 1997 5/
			Employmt 1997 2/	Wage 1997 2/	ANFC 1997 3/	Food Stamps 1997 3/			
Vermont	588,978	NA	274,355	\$25,506	3.8%	8.6%	\$ 1.94	NA	\$23,562
Orleans County	25,685	100.0%	8,472	\$20,748	5.9%	14.9%	\$ 1.82	NA	NA
Albany	802	3.1%	50	\$29,385	1.9%	9.0%	\$ 2.20	\$ 62,453	\$19,423
Barton	3,041	11.8%	1,458	\$20,159	8.4%	19.5%	\$ 1.63	\$ 65,449	\$19,367
Brownington	786	3.1%	D	D	1.6%	6.6%	\$ 1.98	\$ 49,858	\$17,953
Charleston	881	3.4%	66	\$14,042	5.9%	14.4%	\$ 1.93	\$ 59,515	\$16,123
Coventry	891	3.5%	105	\$21,794	3.8%	12.1%	\$ 1.55	\$ 59,108	\$18,247
Craftsbury	1,089	4.2%	232	\$17,355	2.4%	6.5%	\$ 2.37	\$ 92,460	\$19,063
Derby	4,690	18.3%	1,535	\$21,935	4.4%	11.0%	\$ 1.55	\$ 82,813	\$20,815
Glover	858	3.3%	129	\$14,503	3.6%	9.9%	\$ 1.90	\$ 60,990	\$19,119
Greensboro	782	3.0%	224	\$16,389	2.1%	8.1%	\$ 1.69	\$112,062	\$18,129
Holland	471	1.8%	D	D	3.8%	17.4%	\$ 1.33	\$ 54,644	\$17,409
Irasburg	1,005	3.9%	137	\$18,708	4.4%	13.6%	\$ 1.57	\$ 61,834	\$20,637
Jay	405	1.6%	D	D	2.2%	8.4%	\$ 1.66	\$ 79,035	\$20,472
Lowell	701	2.7%	42	\$10,340	4.5%	15.6%	\$ 1.40	\$ 59,858	\$15,980
Morgan	533	2.1%	38	\$12,507	6.4%	11.4%	\$ 1.52	\$ 93,920	\$22,439
Newport City	4,797	18.7%	3,610	\$21,945	10.2%	23.4%	\$ 2.46	\$ 68,354	\$17,620
Newport Town	1,527	5.9%	217	\$18,586	4.1%	12.3%	\$ 1.50	\$ 85,541	\$18,915
Troy	1,622	6.3%	331	\$22,541	9.8%	21.2%	\$ 1.50	\$ 63,766	\$18,200
Westfield	471	1.8%	28	\$13,964	4.7%	13.0%	\$ 2.02	\$ 68,304	\$16,383
Westmore	333	1.3%	29	\$13,472	D	3.1%	\$ 1.06	\$ 89,440	\$18,333

Sources: 1/ Vermont Department of Health, Population & Housing Estimates 1997  
 2/ Vermont Department of Employment & Training; UI Covered Employment (Inc. Gov.)  
 3/ Vermont Department of Social Welfare. ANFC and Food Stamps rates calculated by dividing recipients by the population estimate  
 4/ Vermont Division of Property Valuation and Review.  
 Residential 1 value is for single family residence on less than six acres. Rate per \$100.  
 County rates calculated based on total taxes assessed and total equalized value.  
 5/ Vermont Department of Taxes, 1997 Vermont Tax Statistics, Median Adjusted Gross Income by School District

D denotes data which cannot be disclosed.

NA denotes data is not applicable.

## Demographic - Economic Comparison of Northeastern VT Counties

Chart 2

### 1997 Economic Comparison of Vermont & Caledonia County

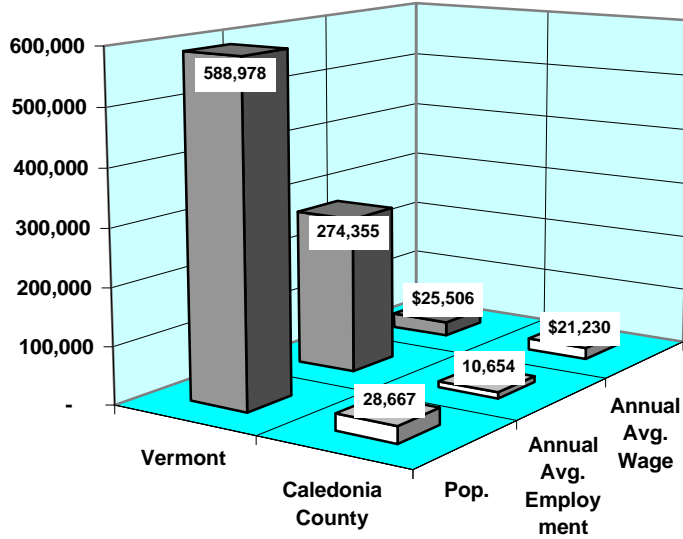


Chart 3

### 1997 Economic Comparison of Vermont & Essex County

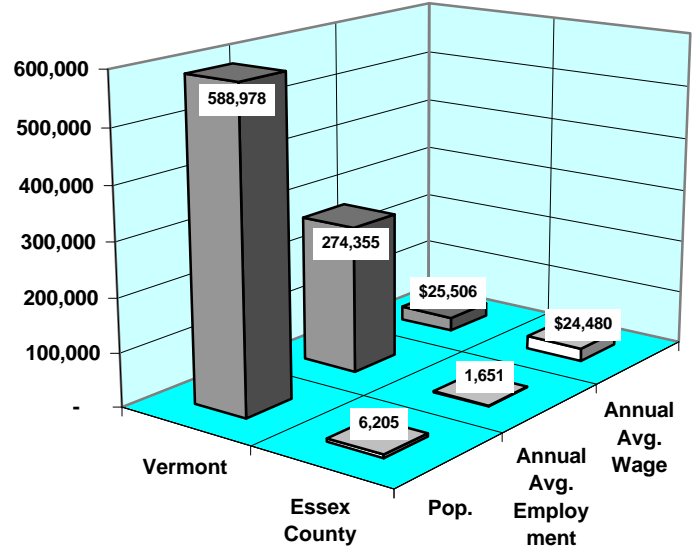


Chart 4

### 1997 Economic Comparison of Vermont & Orleans County

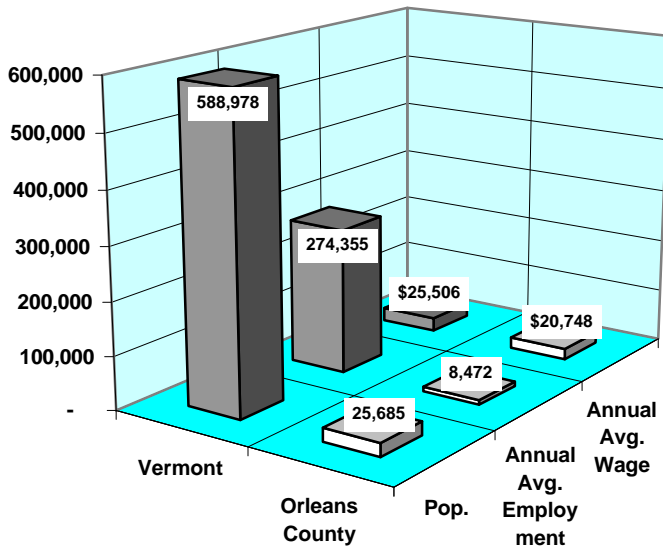




Table 5

**Caledonia County: Population Changes - - 1990 - 1997**

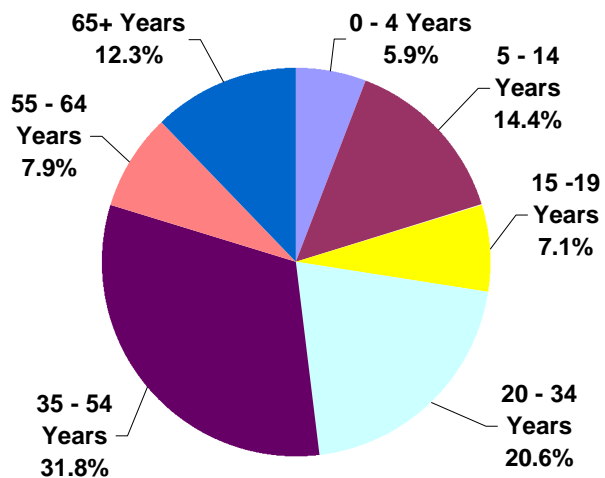
Age :	1990	1996 1/	1997 1/	Change 90-96	Change 96-97	% Change 90-96	% Change 96-97	Age Distribution	
								1990	1997
0-4 Years	2,106	1,712	1,648	(394)	(64)	-18.7%	-3.7%	7.6%	5.7%
5-14	4,330	4,550	4,388	220	(162)	5.1%	-3.6%	15.5%	15.3%
15-19	2,187	2,165	2,231	(22)	66	-1.0%	3.0%	7.9%	7.8%
20-34	5,988	5,251	5,105	(737)	(146)	-12.3%	-2.8%	21.5%	17.8%
35-54	7,208	8,722	8,828	1,514	106	21.0%	1.2%	25.9%	30.8%
55-64	2,397	2,390	2,427	(7)	37	-0.3%	1.5%	8.6%	8.5%
65+	3,630	3,991	4,040	361	49	9.9%	1.2%	13.0%	14.1%
Total	27,846	28,781	28,667	935	(114)	3.4%	-0.4%	100.0%	100.0%
Median Age (1990)	33.5								
Vermont	562,758	588,654	588,978	25,896	324	4.6%	0.1%		
% State	4.9%	4.9%	4.9%	3.6%	-35.2%	N/A	N/A		

Gender:	1990	1996 1/	1997 1/	Change 90-96	Change 96-97	% Change 90-96	% Change 96-97		
								1990	1997
Male	13,619	14,177	14,124	558	(53)	4.1%	-0.4%		
Female	14,227	14,604	14,543	377	(61)	2.6%	-0.4%		
Total	27,846	28,781	28,667	935	(114)	3.4%	-0.4%		

Race:	1990		1997	
	1990 Est	% of Total	1997 Est	% of Total
White	27,622	99.2%	28,429	99.1%
Black	54	0.2%	73	0.3%
American Indian/ Eskimo/Aleut	100	0.4%	78	0.3%
Asian & Pacific Islander	70	0.3%	112	0.4%
Total	27,846	100.0%	28,692	100.0%

Sources: Census of Population & Housing, Bureau of the Census  
 1/ Vermont Department of Health Estimates  
 NA Not Available

**Vermont Population  
by Age Groups 1997**



**Caledonia County Population  
by Age Groups 1997**

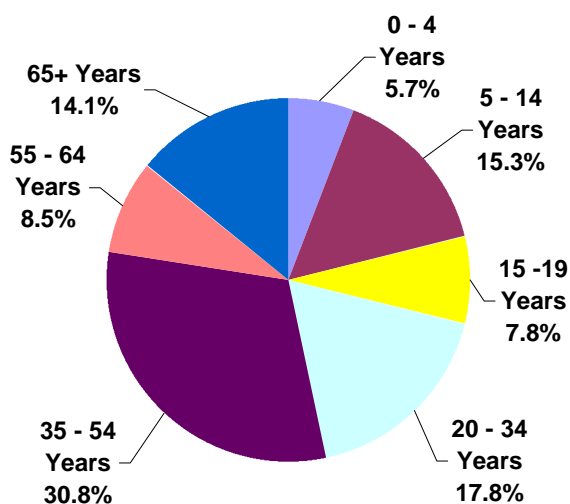


Table 6

## Essex County: Population Changes - - 1990 - 1997

Age :	1990	1996 1/	1997 1/	Change 90-96	Change 96-97	% Change 90-96	% Change 96-97	Age Distribution	
								1990	1997
0-4 Years	449	355	333	(94)	(22)	-20.9%	-6.2%	7.0%	5.4%
5-14	980	981	1,021	1	40	0.1%	4.1%	15.3%	16.5%
15-19	436	409	404	(27)	(5)	-6.2%	-1.2%	6.8%	6.5%
20-34	1,252	1,026	963	(226)	(63)	-18.1%	-6.1%	19.5%	15.5%
35-54	1,688	1,921	1,876	233	(45)	13.8%	-2.3%	26.4%	30.2%
55-64	690	647	633	(43)	(14)	-6.2%	-2.2%	10.8%	10.2%
65+	910	972	975	62	3	6.8%	0.3%	14.2%	15.7%
<b>Total</b>	<b>6,405</b>	<b>6,311</b>	<b>6,205</b>	<b>(94)</b>	<b>(106)</b>	<b>-1.5%</b>	<b>-1.7%</b>	<b>100.0%</b>	<b>100.0%</b>
Median Age (1990)	35.9								
Vermont	562,758	588,654	588,978	25,896	324	4.6%	0.1%		
% State	1.1%	1.1%	1.1%	-0.4%	-32.7%	N/A	N/A		

Gender:	1990	1996 1/	1997 1/	Change 90-96	Change 96-97	% Change 90-96	% Change 96-97
Male	3,143	3,103	3,049	(40)	(54)	-1.3%	-1.7%
Female	3,262	3,208	3,156	(54)	(52)	-1.7%	-1.6%
<b>Total</b>	<b>6,405</b>	<b>6,311</b>	<b>6,205</b>	<b>(94)</b>	<b>(106)</b>	<b>-1.5%</b>	<b>-1.7%</b>

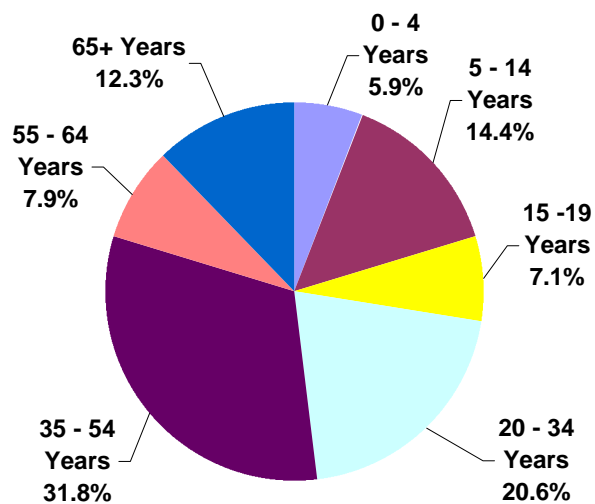
Race:	1990		1997	
	1990 Est	% of Total	1997 Est	% of Total
White	6,363	99.3%	6,495	99.2%
Black	13	0.2%	19	0.3%
American Indian/ Eskimo/Aleut	18	0.3%	19	0.3%
Asian & Pacific Islander	11	0.2%	16	0.2%
<b>Total</b>	<b>6,405</b>	<b>100.0%</b>	<b>6,549</b>	<b>100.0%</b>

Sources: Census of Population &amp; Housing, Bureau of the Census

1/ Vermont Department of Health Estimates

NA Not Available

### Vermont Population by Age Groups 1997



### Essex County Population by Age Groups 1997

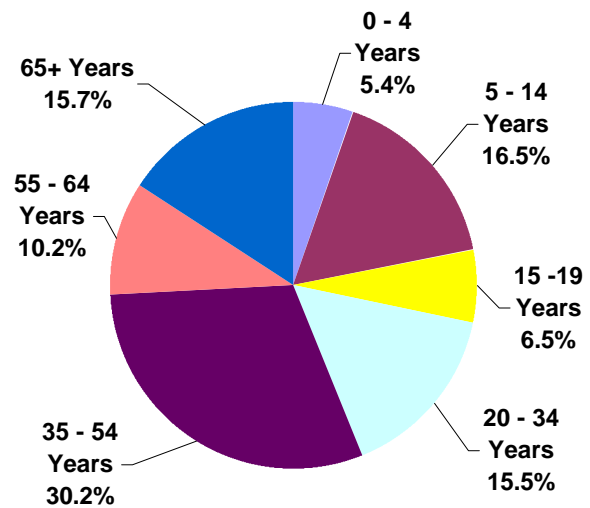


Table 7

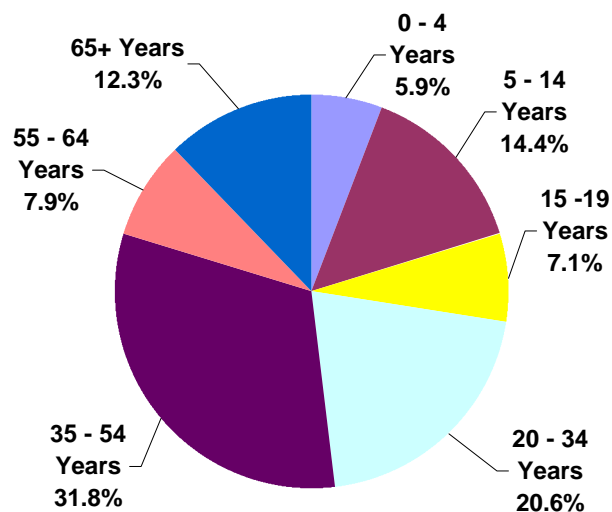
## Orleans County: Population Changes - - 1990 - 1997

Age :	1990	1996 1/	1997 1/	Change 90-96	Change 96-97	% Change 90-96	% Change 96-97	Age Distribution	
								1990	1997
0-4 Years	1,776	1,541	1,521	(235)	(20)	-13.2%	-1.3%	7.4%	5.9%
5-14	3,969	3,689	3,632	(280)	(57)	-7.1%	-1.5%	16.5%	14.1%
15-19	1,707	1,781	1,808	74	27	4.3%	1.5%	7.1%	7.0%
20-34	4,894	4,552	4,434	(342)	(118)	-7.0%	-2.6%	20.3%	17.3%
35-54	6,334	8,137	8,264	1,803	127	28.5%	1.6%	26.3%	32.2%
55-64	2,133	2,257	2,300	124	43	5.8%	1.9%	8.9%	9.0%
65+	3,240	3,666	3,726	426	60	13.1%	1.6%	13.5%	14.5%
<b>Total</b>	<b>24,053</b>	<b>25,623</b>	<b>25,685</b>	<b>1,570</b>	<b>62</b>	<b>6.5%</b>	<b>0.2%</b>	<b>100.0%</b>	<b>100.0%</b>
Median Age (1990)	34.3								
Vermont	562,758	588,654	588,978	25,896	324	4.6%	0.1%		
% State	4.3%	4.4%	4.4%	6.1%	19.1%	N/A	N/A		
Gender:	1990	1996 1/	1997 1/	Change 90-96	Change 96-97	% Change 90-96	% Change 96-97		
Male	11,860	12,705	12,724	845	19	7.1%	0.1%		
Female	12,193	12,918	12,961	725	43	5.9%	0.3%		
<b>Total</b>	<b>24,053</b>	<b>25,623</b>	<b>25,685</b>	<b>1,570</b>	<b>62</b>	<b>6.5%</b>	<b>0.2%</b>		
Race:	1990		1997						
	1990 Est	% of Total	1997 Est	% of Total					
White	23,896	99.3%	25,113	99.2%					
Black	51	0.2%	65	0.3%					
American Indian/ Eskimo/Aleut	56	0.2%	65	0.3%					
Asian & Pacific Islander	50	0.2%	73	0.3%					
<b>Total</b>	<b>24,053</b>	<b>100.0%</b>	<b>25,316</b>	<b>100.0%</b>					

Sources: Census of Population & Housing, Bureau of the Census  
1/ Vermont Department of Health Estimates

NA Not Available

### Vermont Population by Age Groups 1997



### Orleans County Population by Age Groups 1997

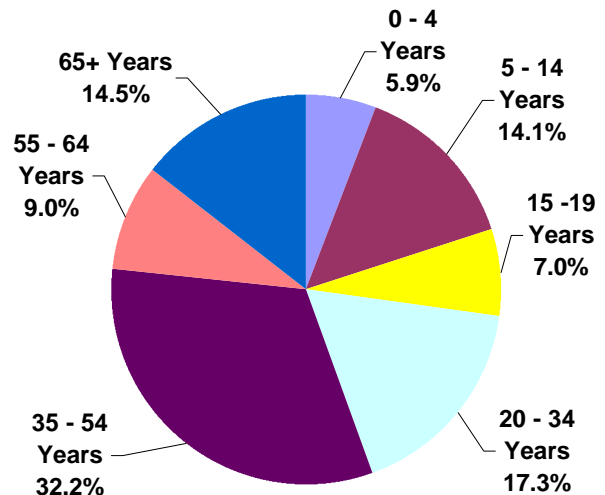


Table 8

## Felony and Misdemeanor Convictions for Vermont Counties (FY98)

County	Felony 1/	Misdemeanor 1/	Total 1/	Population Over Age 14 1997 2/	Convictions Per 100 Residents
Addison County	74	420	494	27,762	1.8
Bennington County	259	893	1,152	28,492	4.0
Caledonia County	160	795	955	22,631	4.2
Chittenden County	820	2,466	3,286	115,023	2.9
Essex County	20	72	92	4,851	1.9
Franklin County	194	814	1,008	33,076	3.0
Grand Isle County	17	67	84	4,764	1.8
Lamoille County	138	521	659	17,277	3.8
Orange County	66	257	323	20,995	1.5
Orleans County	127	514	641	20,532	3.1
Rutland County	236	962	1,198	50,386	2.4
Washington County	183	913	1,096	45,519	2.4
Windham County	230	1,116	1,346	34,641	3.9
Windsor County	163	868	1,031	43,726	2.4
<b>Total</b>	<b>2,687</b>	<b>10,678</b>	<b>13,365</b>	<b>469,675</b>	<b>2.8</b>

Note: Based on the number of convictions on a case basis, NOT the number of people convicted. Convictions are reported in the county where prosecuted, not the residency of persons convicted.

Sources: 1/ Vermont Court Administrator's Office  
2/ Vermont Department of Health

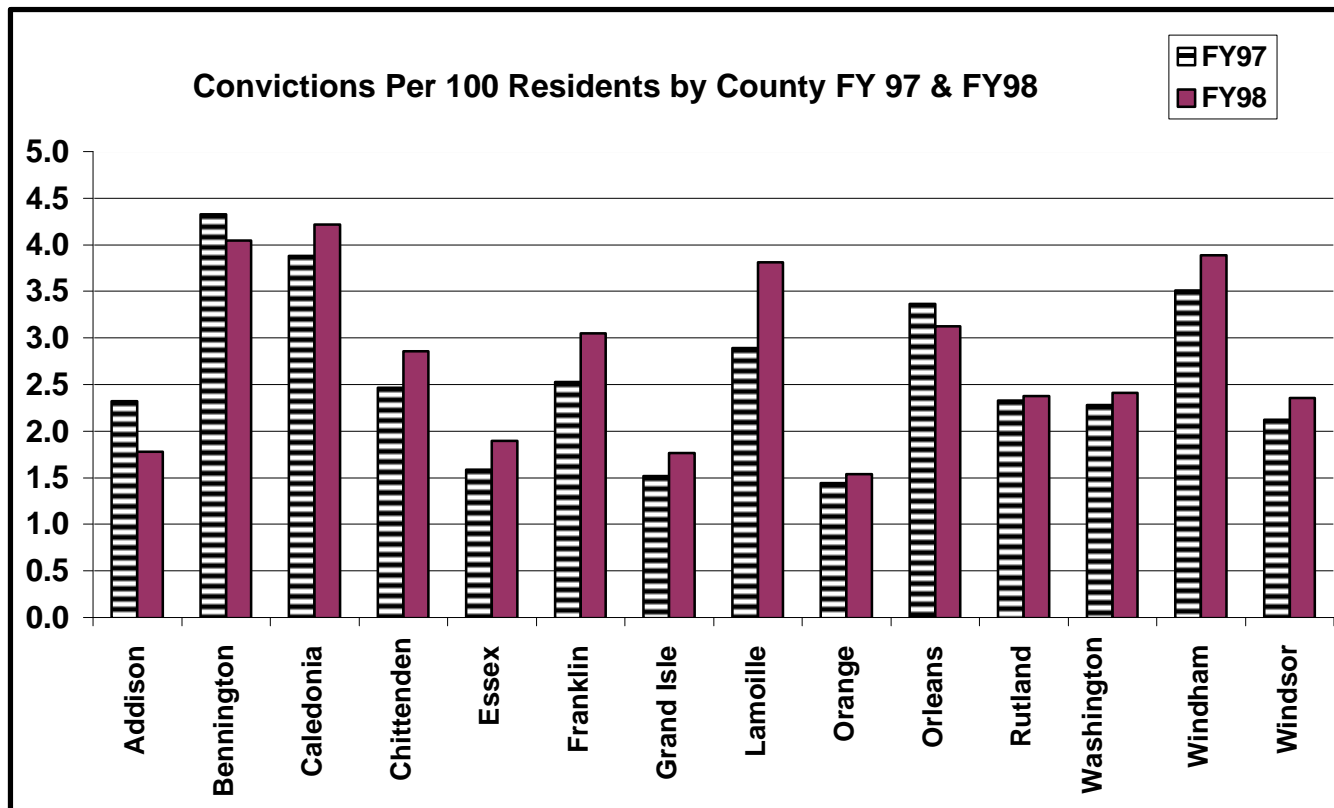


Table 9

### Caledonia County: Employment by Residence

Resident Labor Force	1996		1997		Change 96-97	% Change 96-97
	1996	% State	1997	% State		
Labor Force	15,100	4.7%	15,250	4.7%	150	1.0%
Unemployment Rate (%)	1,000 6.6%	6.8% NA	800 5.4%	6.8% NA	(200) (1.2)	-20.0% NA
Employment	14,100	4.6%	14,400	4.6%	300	2.1%

Note: County estimates before 1990 are not comparable due to a change in methodology.

Note: Residency-based employment is not comparable to industry data.

### Caledonia County: Employment by Industry

Industry	Covered Emp. 1990		Covered Emp. 1996		Covered Emp. 1997		Change 90-96	Change 96-97	% Change 90-97
	Emp.	% Total	Emp.	% Total	Emp.	% Total			
Private ownership	8,069	83.3%	8,630	82.8%	8,873	83.3%	561	243	10.0%
Agriculture, Forestry & Fishing	61	0.6%	66	0.6%	67	0.6%	5	0	8.9%
Mining & Quarrying	10	0.1%	D	D	D	D	D	D	D
Contract Construction	652	6.7%	478	4.6%	510	4.8%	(175)	32	-21.9%
Manufacturing	1,873	19.3%	2,131	20.5%	2,271	21.3%	258	140	21.3%
Durable Goods	1,138	11.8%	1,198	11.5%	1,249	11.7%	61	50	9.7%
Nondurable Goods	735	7.6%	932	9.0%	1,022	9.6%	198	90	39.1%
Transportation & Utilities	540	5.6%	425	4.1%	469	4.4%	(116)	44	-13.3%
Trade	2,309	23.8%	2,576	24.7%	2,534	23.8%	267	(41)	9.8%
Wholesale	335	3.5%	334	3.2%	336	3.2%	(1)	2	0.2%
Retail	1,974	20.4%	2,242	21.5%	2,199	20.6%	268	(43)	11.4%
Finance, Insurance & Real Est.	472	4.9%	414	4.0%	417	3.9%	(59)	3	-11.8%
Services	2,152	22.2%	2,535	24.3%	2,602	24.4%	383	67	20.9%
Hotel & Resorts	156	1.6%	177	1.7%	186	1.7%	21	8	18.8%
Health	861	8.9%	1,066	10.2%	1,102	10.3%	204	36	27.9%
Other	1,134	11.7%	1,292	12.4%	1,315	12.3%	158	23	15.9%
Government ownership	1,618	16.7%	1,789	17.2%	1,780	16.7%	171	(9)	10.0%
Total for Caledonia County	9,688	100.0%	10,419	100.0%	10,654	100.0%	732	234	10.0%

Source: Vermont Department of Employment & Training  
Labor Market Information Section

NA Not Applicable

D denotes data which cannot be disclosed.

Table 10

### Essex County: Employment by Residence

Resident Labor Force	1996		1997		Change 96-97	% Change 96-97
	1996	% State	1997	% State		
Labor Force	2,850	0.9%	2,850	0.9%	0	0.0%
Unemployment Rate (%)	250	1.7%	200	1.7%	(50)	-20.0%
Employment	8.4%	NA	6.9%	NA	(1.5)	NA
	2,600	0.8%	2,650	0.8%	50	1.9%

Note: County estimates before 1990 are not comparable due to a change in methodology.

Note: Residency-based employment is not comparable to industry data.

### Essex County: Employment by Industry

Industry	Covered Emp. 1990		Covered Emp. 1996		Covered Emp. 1997		Change 90-96	Change 96-97	% Change 90-97
	Emp.	% Total	Emp.	% Total	Emp.	% Total			
Private ownership	1,215	79.8%	1,248	78.5%	1,309	79.3%	33	61	7.8%
Agriculture, Forestry & Fishing	22	1.4%	14	0.9%	18	1.1%	(8)	4	-17.8%
Mining & Quarrying	D	D	D	D	D	D	D	D	D
Contract Construction	47	3.1%	36	2.3%	37	2.3%	(11)	1	-21.3%
Manufacturing	871	57.2%	894	56.3%	920	55.7%	24	26	5.7%
Durable Goods	D	D	D	D	D	D	D	D	D
Nondurable Goods	D	D	D	D	D	D	D	D	D
Transportation & Utilities	44	2.9%	49	3.1%	46	2.8%	5	(3)	3.4%
Trade	139	9.1%	145	9.1%	148	9.0%	6	3	6.7%
Wholesale	D	D	D	D	D	D	D	D	D
Retail	D	D	D	D	D	D	D	D	D
Finance, Insurance & Real Est.	16	1.1%	D	D	D	D	D	D	D
Services	75	5.0%	97	6.1%	125	7.6%	21	28	66.1%
Hotel & Resorts	D	D	D	D	D	D	D	D	D
Health	D	D	D	D	D	D	D	D	D
Other	40	2.7%	57	3.6%	83	5.0%	17	26	104.6%
Government ownership	308	20.2%	342	21.5%	343	20.8%	33	1	11.1%
Total for Essex County	1,523	100.0%	1,589	100.0%	1,651	100.0%	66	62	8.4%

Source: Vermont Department of Employment & Training  
Labor Market Information Section

NA Not Applicable

D denotes data which cannot be disclosed.

Table 11

### Orleans County: Employment by Residence

Resident Labor Force	1996		1997		Change 96-97	% Change 96-97
	1996	% State	1997	% State		
Labor Force	12,300	3.8%	12,350	3.8%	50	0.4%
Unemployment Rate (%)	1,150	7.8%	1,000	7.8%	(150)	-13.0%
Employment	11,150	3.6%	11,350	3.6%	200	1.8%

Note: County estimates before 1990 are not comparable due to a change in methodology.

Note: Residency-based employment is not comparable to industry data.

### Orleans County: Employment by Industry

Industry	Covered Emp. 1990		Covered Emp. 1996		Covered Emp. 1997		Change 90-96	Change 96-97	% Change 90-97
	Emp.	% Total	Emp.	% Total	Emp.	% Total			
Private ownership	6,692	81.9%	6,850	81.4%	6,890	81.3%	158	40	3.0%
Agriculture, Forestry & Fishing	111	1.4%	125	1.5%	128	1.5%	14	3	15.7%
Mining & Quarrying	D	D	D	D	D	D	D	-	D
Contract Construction	452	5.5%	434	5.2%	431	5.1%	(18)	(3)	-4.6%
Manufacturing	1,980	24.2%	1,719	20.4%	1,789	21.1%	(261)	71	-9.6%
Durable Goods	1,327	16.2%	1,292	15.4%	1,376	16.2%	(35)	84	3.7%
Nondurable Goods	653	8.0%	427	5.1%	413	4.9%	(226)	(14)	-36.8%
Transportation & Utilities	302	3.7%	418	5.0%	402	4.8%	117	(16)	33.4%
Trade	1,737	21.3%	1,808	21.5%	1,790	21.1%	70	(18)	3.0%
Wholesale	251	3.1%	304	3.6%	310	3.7%	52	6	23.3%
Retail	1,486	18.2%	1,504	17.9%	1,480	17.5%	18	(24)	-0.4%
Finance, Insurance & Real Est.	245	3.0%	241	2.9%	240	2.8%	(3)	(1)	-2.0%
Services	1,825	22.3%	2,106	25.0%	2,110	24.9%	281	4	15.6%
Hotel & Resorts	341	4.2%	289	3.4%	288	3.4%	(52)	(0)	-15.4%
Health	904	11.1%	1,149	13.7%	1,130	13.3%	245	(18)	25.1%
Other	581	7.1%	669	8.0%	692	8.2%	88	23	19.1%
Government ownership	1,481	18.1%	1,564	18.6%	1,582	18.7%	84	18	6.8%
Total for Orleans County	8,173	100.0%	8,415	100.0%	8,472	100.0%	242	57	3.7%

Source: Vermont Department of Employment & Training  
Labor Market Information Section

NA Not Applicable

D denotes data which cannot be disclosed.

**Northeastern VT Counties: Employment by Industry**

Chart 9  
**Caledonia County**  
1997 Employment by Industry

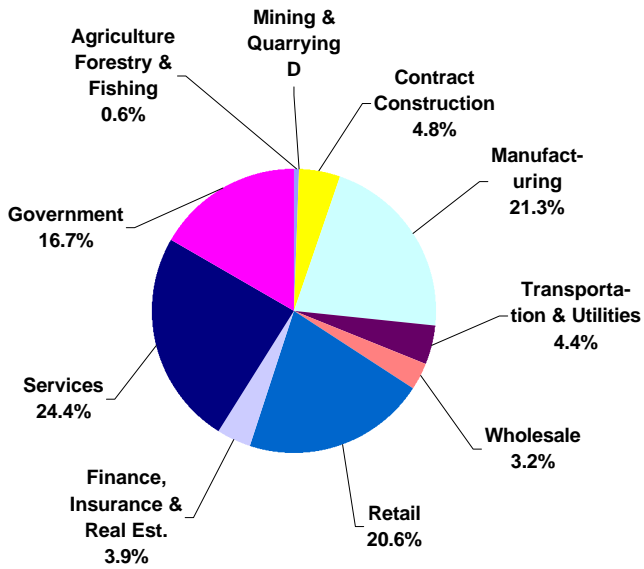


Chart 10  
**Essex County**  
1997 Employment by Industry

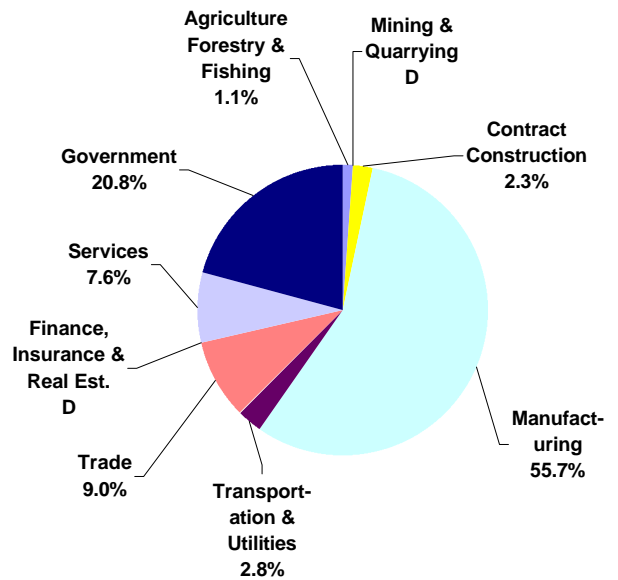


Chart 11  
**Orleans County**  
1997 Employment by Industry

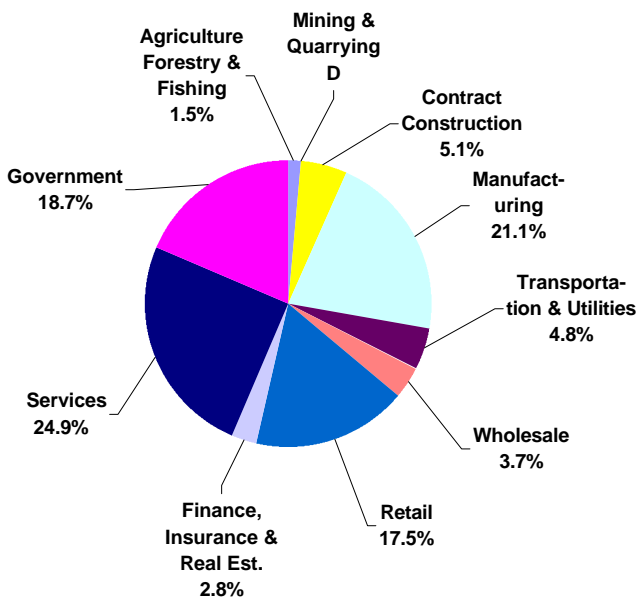




Table 12

### Agricultural Comparison of Vermont Counties (1997)

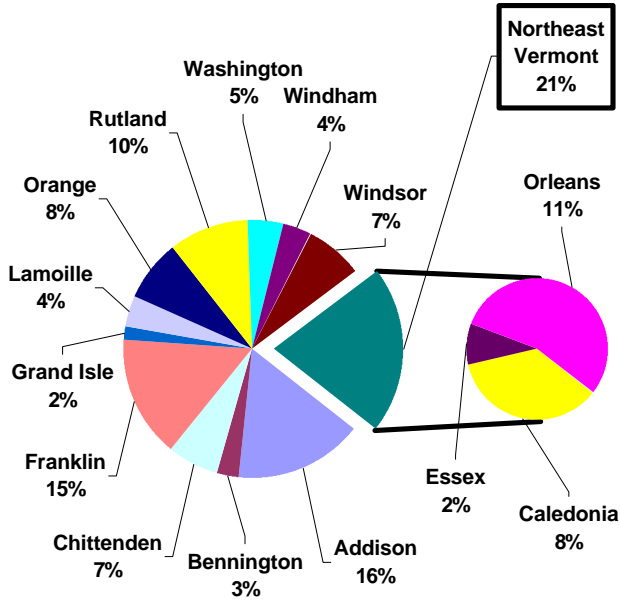
County	Farm Acreage	% Share Vermont	No. Hired Workers 1/	% Share Vermont	Value of Agr. Prod. Sold (000's)	% Share Vermont	Dairy Prod. Sold (000's)	% Share Vermont	% Dairy of Total Sales
Vermont	1,262,155	100.0%	8,912	100.0%	\$ 476,343	100.0%	\$ 352,556	100.0%	74.0%
Addison	204,985	16.2%	1,623	18.2%	\$ 112,718	23.7%	\$ 82,367	23.4%	73.1%
Bennington	32,374	2.6%	303	3.4%	\$ 8,084	1.7%	\$ 4,753	1.3%	58.8%
Caledonia	94,255	7.5%	620	7.0%	\$ 29,357	6.2%	\$ 23,407	6.6%	79.7%
Chittenden	83,355	6.6%	717	8.0%	\$ 25,544	5.4%	\$ 15,598	4.4%	61.1%
Essex	25,497	2.0%	112	1.3%	\$ 6,769	1.4%	\$ 5,183	1.5%	76.6%
Franklin	190,215	15.1%	1,428	16.0%	\$ 99,610	20.9%	\$ 84,676	24.0%	85.0%
Grand Isle	21,036	1.7%	186	2.1%	\$ 9,605	2.0%	\$ 7,284	2.1%	75.8%
Lamoille	48,967	3.9%	272	3.1%	\$ 15,470	3.2%	\$ 11,581	3.3%	74.9%
Orange	98,352	7.8%	626	7.0%	\$ 26,079	5.5%	\$ 19,064	5.4%	73.1%
Orleans	144,154	11.4%	821	9.2%	\$ 59,522	12.5%	\$ 50,768	14.4%	85.3%
Rutland	125,770	10.0%	503	5.6%	\$ 28,357	6.0%	\$ 20,946	5.9%	73.9%
Washington	56,290	4.5%	409	4.6%	\$ 15,041	3.2%	\$ 10,388	2.9%	69.1%
Windham	46,818	3.7%	724	8.1%	\$ 20,366	4.3%	\$ 9,438	2.7%	46.3%
Windsor	90,087	7.1%	568	6.4%	\$ 19,820	4.2%	\$ 7,102	2.0%	35.8%

Sources: 1997 Census of Agriculture, U.S. Department of Commerce, Bureau of the Census.

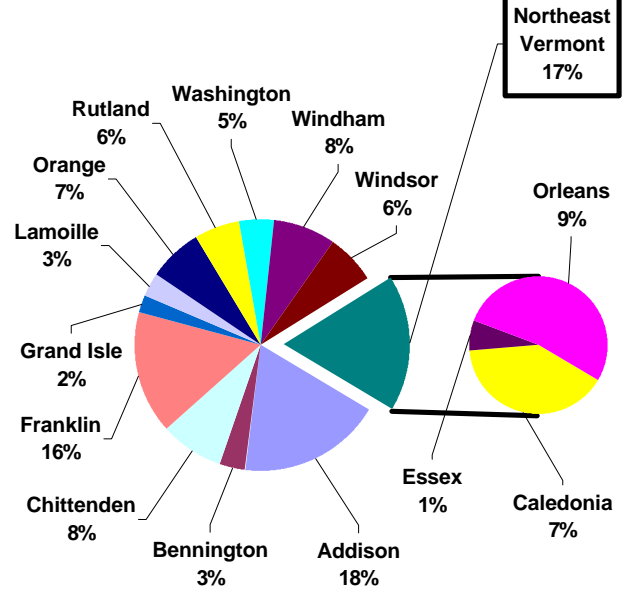
1/ Data is based on a sample of farms.

## Agricultural Comparison of Vermont Counties (1997)

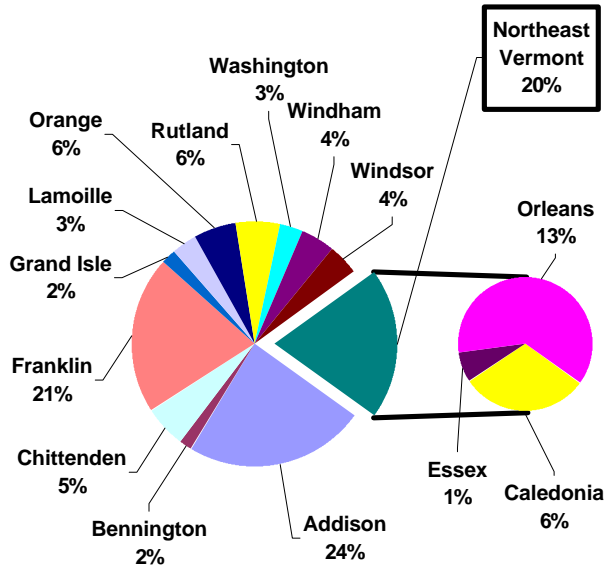
### 1997 Farm Acreage



### 1997 Number of Hired Workers



### 1997 Value of Agricultural Products Sold (000's)



### 1997 Dairy Products Sold (000's)

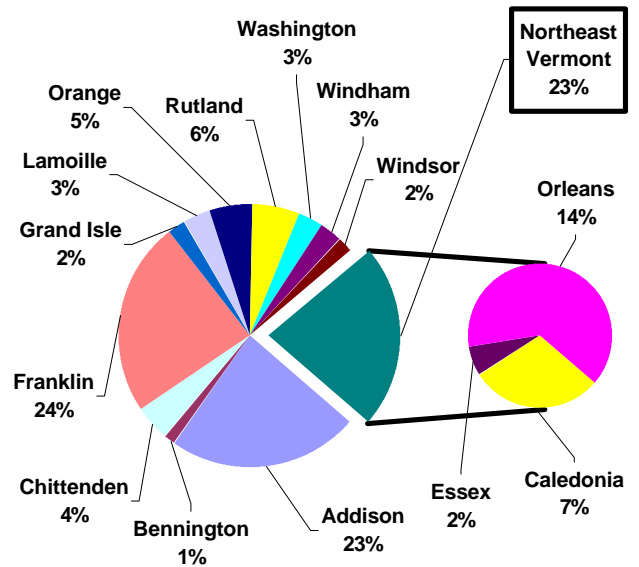


Table 13

## Forest Industry Comparison of Vermont Counties

County	1996 Harvest				1997 Harvest				1997 No. of Sawmills 2/
	Hardwood (board feet) (Thousands)	% of State	Softwood (board feet) (Thousands)	% of State	Hardwood (board feet) (Thousands)	% of State	Softwood (board feet) (Thousands)	% of State	
Vermont	108,478	100.0%	185,370	100.0%	131,595	100.0%	161,885	100.0%	182
Addison	9,609	8.9%	4,125	2.2%	9,264	7.0%	3,016	1.9%	11
Bennington	6,265	5.8%	1,728	0.9%	9,903	7.5%	3,897	2.4%	8
Caledonia	5,680	5.2%	42,212	22.8%	6,760	5.1%	24,311	15.0%	16
Chittenden	2,801	2.6%	3,679	2.0%	2,535	1.9%	4,023	2.5%	8
Essex	6,974	6.4%	21,884	11.8%	7,944	6.0%	15,994	9.9%	5
Franklin/G I	6,800	6.3%	4,301	2.3%	6,221	4.7%	8,540	5.3%	5
Lamoille	12,043	11.1%	11,088	6.0%	10,839	8.2%	11,648	7.2%	10
Orange	6,772	6.2%	13,371	7.2%	15,917	12.1%	22,635	14.0%	10
Orleans	3,725	3.4%	25,060	13.5%	13,940	10.6%	18,659	11.5%	20
Rutland	17,692	16.3%	9,752	5.3%	17,337	13.2%	11,177	6.9%	19
Washington	10,812	10.0%	19,742	10.7%	9,317	7.1%	10,497	6.5%	15
Windham	10,304	9.5%	15,669	8.5%	9,835	7.5%	16,136	10.0%	25
Windsor	9,001	8.3%	12,759	6.9%	11,783	9.0%	11,352	7.0%	30

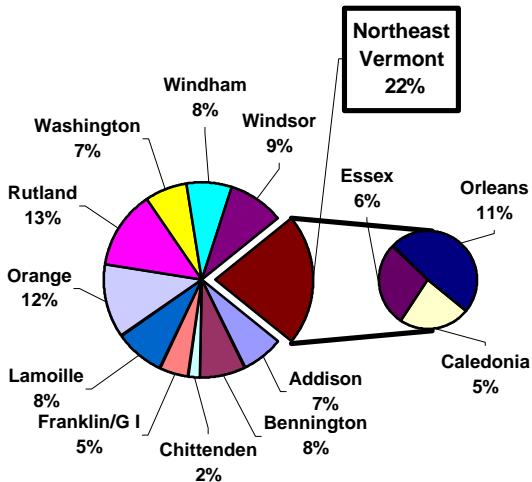
1/ Harvest volumes do not include firewood volumes.

2/ Includes both domant and active.

Franklin and Grand isle Counties are combined in harvest reporting.

Source: Vermont Department of Forest, Parks & Recreation

### 1997 County Hardwood Harvest



### 1997 County Softwood Harvest

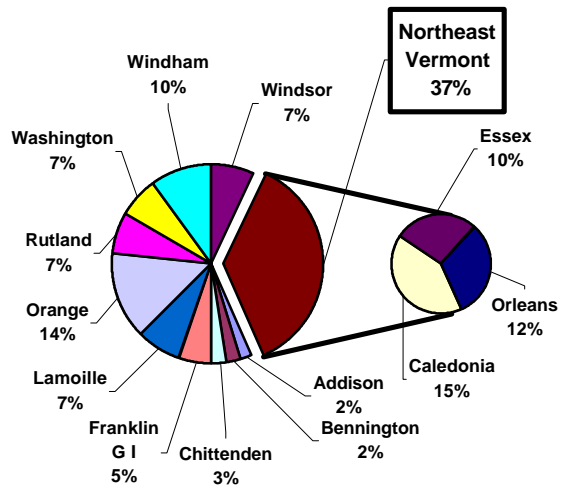


Table 14

### 1998 Tax Revenues for Vermont Counties

County	Personal	% of	Sales &	% of	Rooms &	% of	Property	% of
	Income	State	Use	State	Meals	State	Transfer	State
	Tax Amount		Tax Amount		Tax Amount		Tax Amount	
			1/		1/			
Vermont	\$317,541,022	100.0%	\$168,327,807	100.0%	\$70,801,515	100.0%	\$18,022,090	100.0%
Addison	\$ 16,799,968	5.3%	\$ 5,875,427	3.5%	\$ 2,604,783	3.7%	\$ 610,523	3.4%
Bennington	\$ 20,948,353	6.6%	\$ 14,299,911	8.5%	\$ 6,486,139	9.2%	\$ 1,430,084	7.9%
Caledonia	\$ 9,927,087	3.1%	\$ 5,962,389	3.5%	\$ 1,797,204	2.5%	\$ 784,826	4.4%
Chittenden	\$105,338,448	33.2%	\$ 61,366,632	36.5%	\$18,213,373	25.7%	\$ 4,227,265	23.5%
Essex	\$ 1,552,953	0.5%	\$ 329,885	0.2%	\$ 192,450	0.3%	\$ 131,691	0.7%
Franklin	\$ 16,367,185	5.2%	\$ 7,345,786	4.4%	\$ 2,281,684	3.2%	\$ 589,341	3.3%
Grand Isle	\$ 3,293,835	1.0%	\$ 464,062	0.3%	\$ 351,542	0.5%	\$ 227,669	1.3%
Lamoille	\$ 14,777,231	4.7%	\$ 6,579,810	3.9%	\$ 6,177,565	8.7%	\$ 992,136	5.5%
Orange	\$ 10,957,761	3.5%	\$ 2,960,930	1.8%	\$ 1,302,409	1.8%	\$ 413,534	2.3%
Orleans	\$ 7,463,393	2.4%	\$ 4,685,783	2.8%	\$ 1,435,117	2.0%	\$ 459,446	2.5%
Rutland	\$ 27,751,458	8.7%	\$ 22,990,536	13.7%	\$ 8,510,795	12.0%	\$ 1,575,616	8.7%
Washington	\$ 28,641,182	9.0%	\$ 13,644,193	8.1%	\$ 6,230,424	8.8%	\$ 990,521	5.5%
Windham	\$ 21,229,873	6.7%	\$ 11,164,116	6.6%	\$ 6,906,401	9.8%	\$ 2,806,895	15.6%
Windsor	\$ 32,492,295	10.2%	\$ 10,658,348	6.3%	\$ 8,311,630	11.7%	\$ 2,782,543	15.4%

1/ Fiscal Year 98 (July 1997 - June 1998)

Source: Vermont Department of Taxes

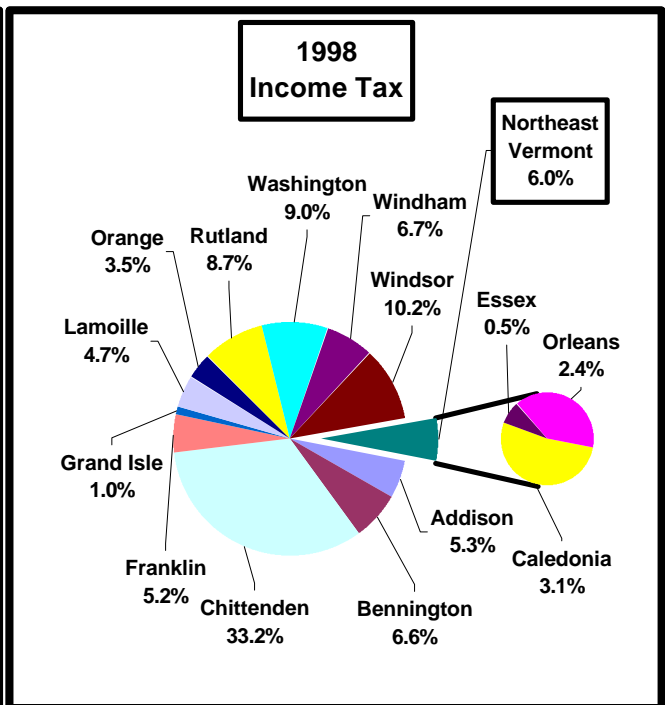
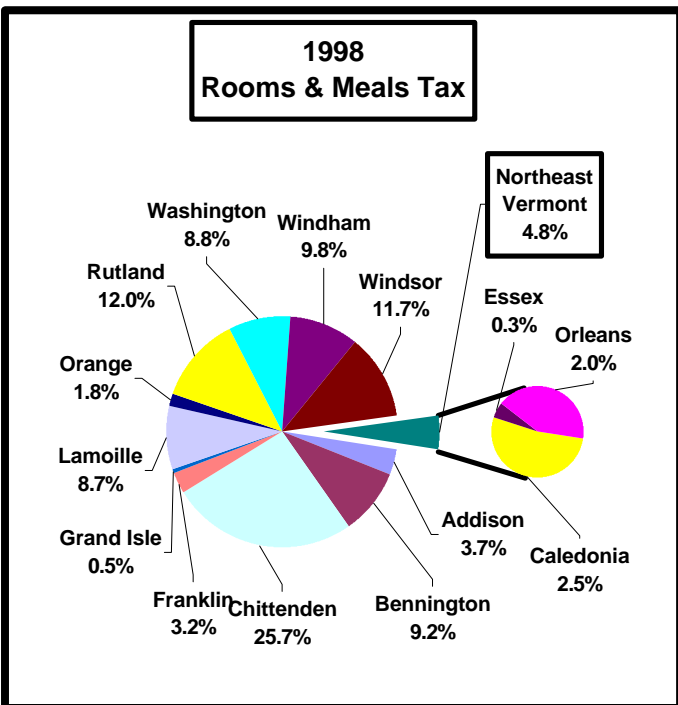


Table 15

	Total Housing Units			1997 Housing Units				
	1990	1996	1997	% Chng	% Chng	Yr. Rd.	Vacation	Vacation
				90-97	96-97			% of Tot.
Vermont	270,978	285,434	286,906	5.9%	0.5%	240,076	46,830	16.3%
Caledonia County	13,718	14,385	14,524	5.9%	1.0%	12,307	2,217	15.3%
Barnet	809	834	851	5.2%	2.0%	612	239	28.1%
Burke	923	960	995	7.8%	3.6%	797	198	19.9%
Danville	1,087	1,138	1,145	5.3%	0.6%	884	261	22.8%
Groton	534	566	581	8.8%	2.7%	368	213	36.7%
Hardwick	1,243	1,252	1,282	3.1%	2.4%	1,222	60	4.7%
Kirby	184	213	212	15.2%	-0.5%	164	48	22.6%
Lyndon	2,094	2,204	2,217	5.9%	0.6%	2,172	45	2.0%
Newark	441	445	432	-2.0%	-2.9%	180	252	58.3%
Peacham	484	492	490	1.2%	-0.4%	257	233	47.6%
Ryegate	531	580	571	7.5%	-1.6%	439	132	23.1%
St. Johnsbury	3,587	3,626	3,627	1.1%	0.0%	3,606	21	0.6%
Sheffield	287	340	354	23.3%	4.1%	249	105	29.7%
Stannard	80	90	90	12.5%	0.0%	60	30	33.3%
Sutton	369	402	409	10.8%	1.7%	358	51	12.5%
Walden	386	483	488	26.4%	1.0%	301	187	38.3%
Waterford	431	465	474	10.0%	1.9%	427	47	9.9%
Wheelock	248	295	306	23.4%	3.7%	211	95	31.0%

Source: Vermont Department of Health, Population & Housing Estimates

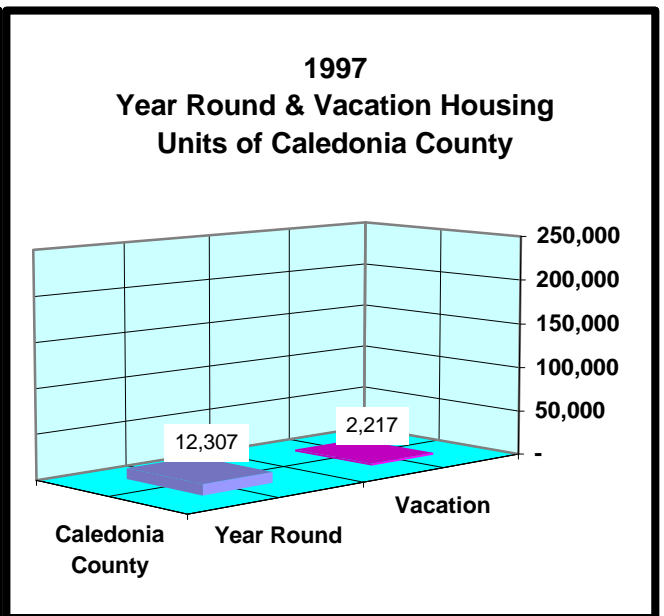
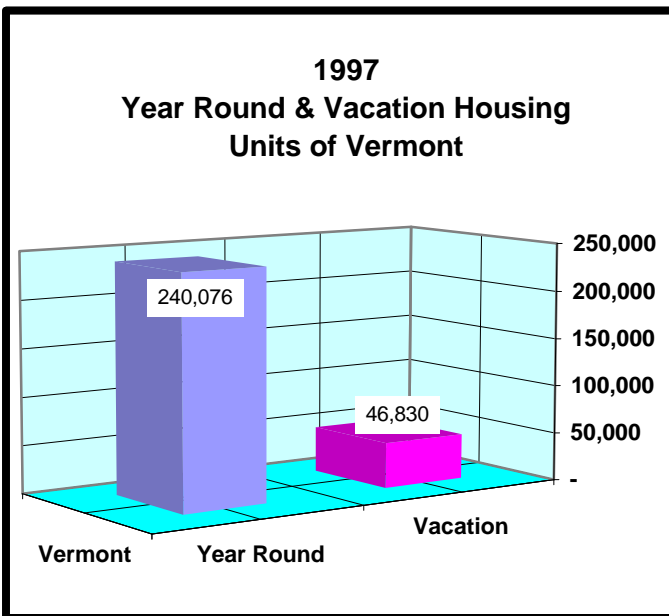


Table 16

<b>Housing - Essex County Towns</b>								
	Total Housing Units			% Chng 90-97	% Chng 96-97	1997 Housing Units		
	1990	1996	1997			Yr. Rd.	Vacation	Vacation % of Tot.
Vermont	270,978	285,434	286,906	5.9%	0.5%	240,076	46,830	16.3%
Essex County	4,059	4,180	4,202	3.5%	0.5%	2,662	1,540	36.6%
Averill	96	96	96	0.0%	0.0%	4	92	95.8%
Avery's Gore	8	8	8	0.0%	0.0%	-	8	100.0%
Bloomfield	188	199	200	6.4%	0.5%	114	86	43.0%
Brighton	743	773	773	4.0%	0.0%	589	184	23.8%
Brunswick	87	90	96	10.3%	6.7%	42	54	56.3%
Canaan	577	593	597	3.5%	0.7%	464	133	22.3%
Concord	664	672	672	1.2%	0.0%	458	214	31.8%
East Haven	142	150	152	7.0%	1.3%	109	43	28.3%
Ferdinand	82	82	82	0.0%	0.0%	14	68	82.9%
Granby	65	69	71	9.2%	2.9%	35	36	50.7%
Guildhall	142	143	142	0.0%	-0.7%	113	29	20.4%
Lemington	70	70	70	0.0%	0.0%	49	21	30.0%
Lewis	27	27	27	0.0%	0.0%	-	27	100.0%
Lunenburg	638	634	641	0.5%	1.1%	504	137	21.4%
Maidstone	283	278	284	0.4%	2.2%	57	227	79.9%
Norton	128	169	164	28.1%	-3.0%	73	91	55.5%
Victory	72	81	81	12.5%	0.0%	37	44	54.3%
Warners Grant	1	1	1	0.0%	0.0%	-	1	100.0%
Warren Gore	46	45	45	-2.2%	0.0%	-	45	100.0%

Source: Vermont Department of Health, Population & Housing Estimates

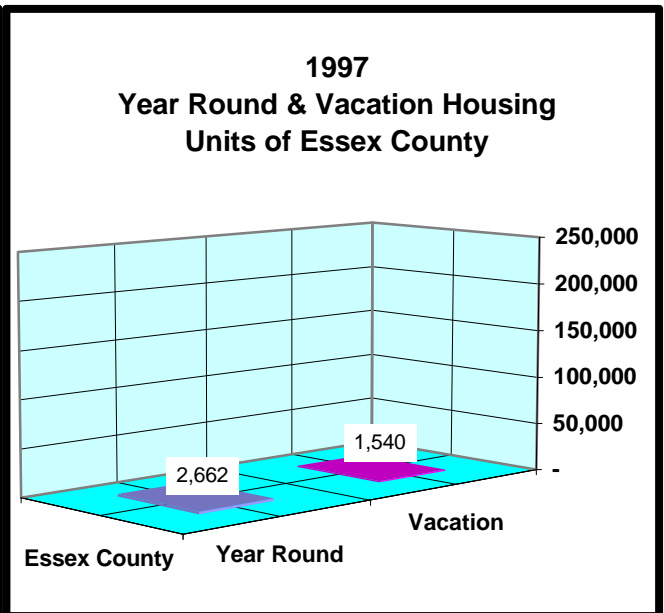
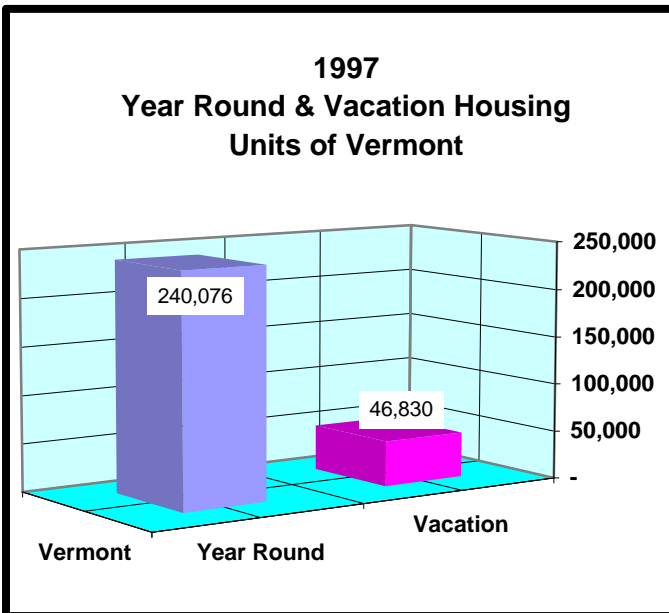


Table 17

	Total Housing Units			1997 Housing Units				
	1990	1996	1997	% Chng	% Chng	Yr. Rd.	Vacation	Vacation
				90-97	96-97			% of Tot.
Vermont	270,978	285,434	286,906	5.9%	0.5%	240,076	46,830	16.3%
Orleans County	12,551	13,594	13,769	9.7%	1.3%	10,460	3,309	24.0%
Albany	389	415	423	8.7%	1.9%	321	102	24.1%
Barton	1,382	1,430	1,437	4.0%	0.5%	1,292	145	10.1%
Brownington	359	423	438	22.0%	3.5%	322	116	26.5%
Charleston	477	502	549	15.1%	9.4%	365	184	33.5%
Coventry	300	353	347	15.7%	-1.7%	329	18	5.2%
Craftsbury	474	573	563	18.8%	-1.7%	432	131	23.3%
Derby	2,007	2,170	2,170	8.1%	0.0%	1,877	293	13.5%
Glover	596	609	629	5.5%	3.3%	346	283	45.0%
Greensboro	647	704	704	8.8%	0.0%	333	371	52.7%
Holland	274	337	333	21.5%	-1.2%	201	132	39.6%
Irasburg	371	422	425	14.6%	0.7%	370	55	12.9%
Jay	333	402	405	21.6%	0.7%	167	238	58.8%
Lowell	307	365	373	21.5%	2.2%	277	96	25.7%
Morgan	518	574	572	10.4%	-0.3%	211	361	63.1%
Newport City	2,083	2,150	2,175	4.4%	1.2%	2,035	140	6.4%
Newport Town	670	765	763	13.9%	-0.3%	598	165	21.6%
Troy	641	619	677	5.6%	9.4%	626	51	7.5%
Westfield	274	302	307	12.0%	1.7%	204	103	33.6%
Westmore	449	479	479	6.7%	0.0%	154	325	67.8%

Source: Vermont Department of Health, Population & Housing Estimates

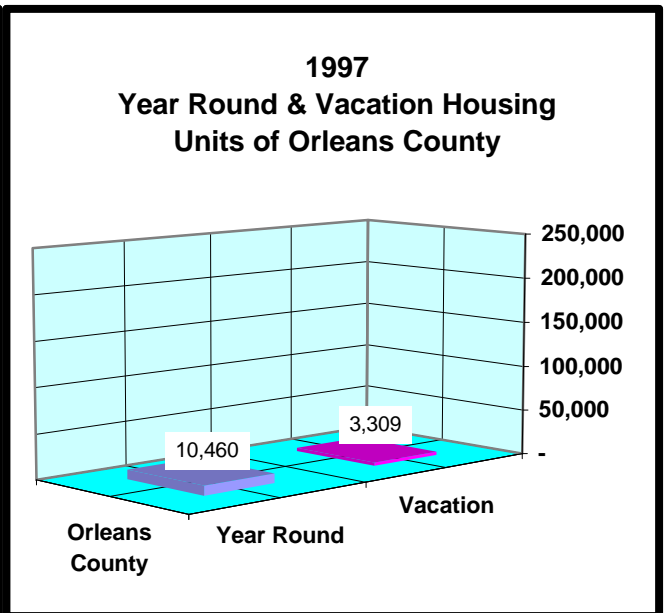
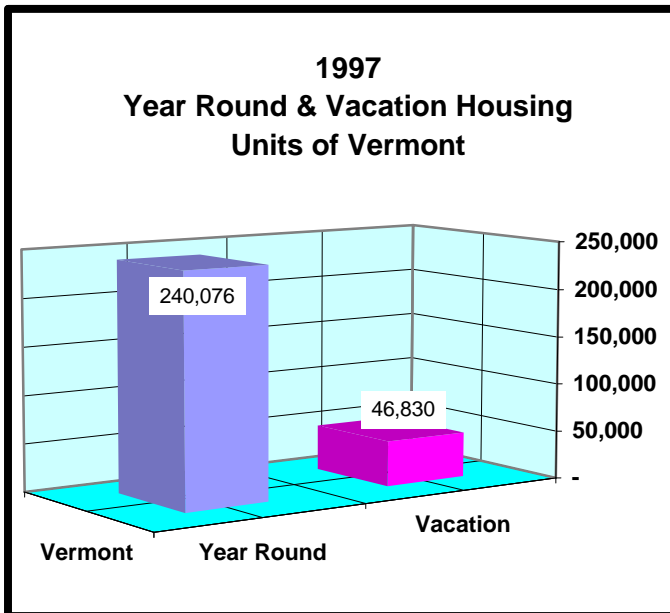


Table 18

Education Comparison: Caledonia County Towns & Schools						
Fiscal Year 1999 (July 1, 1998 to June 30, 1999)	Average Daily Membership 1/			School Spending PEP 2/	Above Block Spending PEP 2/	\$ Raised From Local Education Tax
	Elementary Count	Secondary Count	Total			
Vermont	57,189	48,176	105,364	\$ 6,223	\$ 1,209	\$116,100,919
Caledonia County	3,036	2,686	5,722	\$ 5,842	\$ 832	\$ 3,529,031
Barnet	172	191	364	\$ 6,561	\$ 1,551	\$ 602,410
Burke	162	126	287	\$ 5,978	\$ 968	\$ 244,033
Danville	263	173	436	\$ 5,372	\$ 362	\$ 124,302
Groton	96	73	169	\$ 6,192	\$ 1,182	\$ 204,145
Hardwick	343	269	613	\$ 6,191	\$ 1,181	\$ 332,747
Kirby	40	41	81	\$ 5,092	\$ 82	\$ 5,021
Lyndon	545	499	1,044	\$ 5,853	\$ 843	\$ 420,045
Newark	46	41	87	\$ 5,841	\$ 831	\$ 74,571
Peacham	93	71	164	\$ 6,395	\$ 1,385	\$ 216,580
Ryegate	121	118	239	\$ 6,901	\$ 1,891	\$ 447,070
St. Johnsbury	689	640	1,329	\$ 5,460	\$ 450	\$ 445,346
Sheffield	79	54	132	\$ 5,195	\$ 185	\$ 12,097
Stannard	29	36	65	\$ 6,069	\$ 1,059	\$ 21,321
Sutton	106	111	217	\$ 5,765	\$ 755	\$ 87,245
Walden	83	73	156	\$ 6,088	\$ 1,078	\$ 122,088
Waterford	107	109	216	\$ 5,741	\$ 731	\$ 152,748
Wheelock	62	62	124	\$ 5,229	\$ 219	\$ 17,262

Caledonia County High Schools (FY98)	Enrollment Grades 9-12	Drop Rate (3Yr. Ave.)	Student Teacher Ratio	SAT Verbal (mean)	SAT Math (mean)	College Bound
National Average		NA	NA	505	512	NA
Vermont	30,745	5.0%	13.8	508	504	59%
Danville Schools	160	3.1%	14.0	498	506	63%
Hazen	261	3.0%	11.6	513	485	35%
Lyndon Institute	613	4.0%	11.1	499	484	36%
St. Johnsbury Academy	929	9.1%	9.2	495	509	NA

1/ Based on enrollment at the beginning of the school year adjusted for transfers and death.

2/ PEP = Per Equalized Pupil. The State Support (block) grant was \$5010 per equalized pupil in SY98-99.

Districts spending above \$5010 were considered "above block".

NA Not Available

Sources: Vermont Department of Education.



Table 19

Education Comparison: Essex County Towns & Schools						
Fiscal Year 1999 (July 1, 1998 to June 30, 1999)	Average Daily Membership 1/			School Spending PEP 2/	Above Block Spending PEP 2/	\$ Raised From Local Education Tax
	Elementary Count	Secondary Count	Total			
Vermont	57,189	48,176	105,364	\$ 6,223	\$ 1,209	\$116,100,919
Essex County	686	571	1,257	\$ 5,193	\$ 209	\$ 223,691
Bloomfield	35	21	56	\$ 5,061	\$ 51	\$ 2,796
Brighton	136	113	249	\$ 5,144	\$ 134	\$ 23,828
Brunswick	18	18	36	\$ 5,007	\$ -	\$ -
Canaan	135	117	252	\$ 5,006	\$ -	\$ -
Concord	103	87	190	\$ 5,949	\$ 939	\$ 158,384
East Haven	46	24	70	\$ 5,291	\$ 281	\$ 10,594
Granby	11	10	21	\$ 5,629	\$ 619	\$ 13,855
Guildhall	22	42	64	\$ 4,975	\$ -	\$ -
Lemington	8	7	15	\$ 5,006	\$ -	\$ -
Lunenburg	149	107	255	\$ 4,904	\$ -	\$ -
Maidstone	11	12	23	\$ 4,978	\$ -	\$ -
Norton	10	12	22	\$ 5,004	\$ -	\$ -
Victory	3	1	4	\$ 6,624	\$ 1,614	\$ 14,234

Essex County High Schools (FY98)	Enrollment Grades 9-12	Drop Rate (3Yr. Ave.)	Student Teacher Ratio	SAT Verbal (mean)	SAT Math (mean)	College Bound
National Average		NA	NA	505	512	NA
Vermont	30,745	5.0%	13.8	508	504	59%
Canaan	117	5.2%	14.0	465	453	39%
Concord	84	9.1%	11.0	534	501	46%

1/ Based on enrollment at the beginning of the school year adjusted for transfers and death.

2/ PEP = Per Equalized Pupil. The State Support (block) grant was \$5010 per equalized pupil in SY98-99.

Districts spending above \$5010 were considered "above block".

NA Not Available

Sources: Vermont Department of Education.

Table 20

Education Comparison: Orleans County Towns & Schools						
Fiscal Year 1999 (July 1, 1998 to June 30, 1999)	Average Daily Membership 1/			School Spending PEP 2/	Above Block Spending PEP 2/	\$ Raised From Local Education Tax
	Elementary Count	Secondary Count	Total			
Vermont	57,189	48,176	105,364	\$ 6,223	\$ 1,209	\$116,100,919
Orleans County	2,380	2,266	4,646	\$ 5,721	\$ 711	\$ 2,634,116
Albany	81	70	151	\$ 7,057	\$ 2,047	\$ 209,405
Barton ID	146	178	325	\$ 5,467	\$ 457	\$ 124,126
Brownington	79	85	164	\$ 5,687	\$ 677	\$ 60,293
Charleston	81	100	181	\$ 5,573	\$ 563	\$ 78,995
Coventry	93	103	196	\$ 6,256	\$ 1,246	\$ 131,334
Craftsbury	84	93	177	\$ 7,465	\$ 2,455	\$ 380,884
Derby	488	449	937	\$ 5,352	\$ 342	\$ 224,637
Glover	81	73	154	\$ 6,044	\$ 1,034	\$ 155,850
Greensboro	85	52	137	\$ 7,484	\$ 2,474	\$ 363,334
Holland	71	54	125	\$ 5,185	\$ 175	\$ 13,648
Irasburg	120	104	224	\$ 5,349	\$ 339	\$ 45,966
Jay	37	43	80	\$ 6,274	\$ 1,264	\$ 112,446
Lowell	87	72	158	\$ 5,005	\$ -	\$ -
Morgan	60	51	111	\$ 5,475	\$ 465	\$ 50,909
Newport City	364	342	706	\$ 5,700	\$ 690	\$ 312,608
Newport Town	149	113	262	\$ 5,301	\$ 291	\$ 70,771
Orleans ID	100	81	182	\$ 5,657	\$ 647	\$ 55,815
Troy	131	131	263	\$ 5,500	\$ 490	\$ 101,397
Westfield	30	34	64	\$ 6,595	\$ 1,585	\$ 115,113
Westmore	13	38	51	\$ 5,388	\$ 378	\$ 26,585

Orleans County High Schools (FY98)	Enrollment Grades 9-12	Drop Rate (3Yr. Ave.)	Student Teacher Ratio	SAT Verbal (mean)	SAT Math (mean)	College Bound
National Average		NA	NA	505	512	NA
Vermont	30,745	5.0%	13.8	508	504	59%
Craftsbury Schools	87	6.1%	10.3	499	483	39%
Lake Region	449	4.2%	14.0	475	467	43%
North Country	1,085	8.3%	13.5	489	479	43%

1/ Based on enrollment at the beginning of the school year adjusted for transfers and death.

2/ PEP = Per Equalized Pupil. The State Support (block) grant was \$5010 per equalized pupil in SY98-99.

Districts spending above \$5010 were considered "above block".

NA Not Available

Sources: Vermont Department of Education.

## Education Comparison: Vermont Counties & Northeastern Vermont Schools

