District Office Profile
Partnership for Success Grant
Morrisville District Office

VERMONT
DEPARTMENT OF HEALTH

January 2013

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Purpose of this profile

- This profile includes estimates of substance use/abuse prevalence based on National and State surveys as well as data to assist the District Offices and sub-recipients to focus on the following priorities:
  - Increase state, regional and community capacity to prevent underage drinking and prescription drug use by implementing a targeted regional approach to Partnership for Success implementation.
  - Reduce underage and binge drinking among persons aged 12 to 20.
  - Reduce prescription drug misuse and abuse among persons aged 12 to 25.
- This profile is provided by the Division of Alcohol and Drug Abuse Programs (ADAP), the State Epidemiological Outcomes Workgroup (SEOW) and the Research, Epidemiology, and Evaluation Unit of the Vermont Department of Health, Center for Health Statistics as a resource to the District Offices participating in the Partnership for Success Grant II (Substance Abuse and Mental Health Services Administration [SAMHSA] Grant Number: 1U79SPo19423-01).

Demographics: Youth by District Office

Race/Ethnicity by County (percent of 10-24 year olds) Census Bureau 2010

	# and % of VT 10-24 year olds		% of District 10-24 year olds by gender		% of District that is 10-24 years old
	Number	**Percent**	**Female**	**Male**	**Percent**
Burlington	39,132	31%	50%	50%	25%
Bennington	6,958	5%	51%	49%	19%
White River Jct.	8,568	7%	48%	52%	18%
Rutland	11,902	9%	48%	52%	19%
Springfield	5,386	4%	49%	51%	16%
Newport	4,879	4%	47%	53%	17%
St. Johnsbury	6,784	5%	48%	52%	19%
Barre	12,495	10%	45%	55%	19%
Brattleboro	6,624	5%	47%	53%	18%
St. Albans	10,236	8%	48%	52%	19%
Middlebury	8,580	7%	48%	52%	23%
Morrisville	5,956	5%	48%	52%	19%
Vermont	127,500	100%	48%	52%	20%

Demographics: Race by County

Race/Ethnicity by County (percent of county population) Census Bureau 2010

County	White	Black	Hispanic	Asian	American Indian/Alaskan Native
Addison	95.7%	0.9%	1.9%	1.5%	0.3%
Bennington	96.8%	0.9%	1.5%	0.7%	0.3%
Caledonia	96.5%	0.7%	1.2%	0.9%	0.5%
Chittenden	92.6%	2.2%	1.9%	3%	0.3%
Essex	97.4%	0.3%	1.1%	0.3%	0.6%
Franklin	95.8%	0.6%	1.3%	0.5%	1%
Grand Isle	95.3%	0.5%	1.3%	0.4%	1%
Lamoille	96.8%	0.8%	1.4%	0.6%	0.5%
Orange	97.2%	0.4%	1.1%	0.6%	0.3%
Orleans	96.9%	0.7%	1.2%	0.4%	0.5%
Rutland	97.3%	0.6%	1.2%	0.6%	0.3%
Washington	96.3%	0.8%	1.7%	0.9%	0.3%
Windham	95.7%	1.1%	1.9%	1.1%	0.3%
Windsor	96.4%	0.7%	1.3%	1%	0.3%
Vermont	*95.5%*	*1.1%*	*1.6%*	*1.4%*	*0.4%*

Prevalence: High School Youth

Percent of students reporting past 30 day alcohol and binge drinking, and lifetime prescription drug use
Youth Risk Behavior Survey 2007-2011 grades 9th – 12th

	2007		2009		2011		
	VT	Morrisville	VT	Morrisville	US	VT	Morrisville
Alcohol Use (past 30 days)	43%	44%	39%	44%	39%	35%	39%
Binge Drinking (past 30 days)	26%	29%	23%	26%	22%	21%	23%
Prescription Drug (lifetime)	NA	NA	17%	20%	NA	14%	16%

In 2011, the Morrisville District had a statistically higher prevalence than the state prevalence for alcohol use and a similar prevalence for prescription drug misuse and binge drinking.

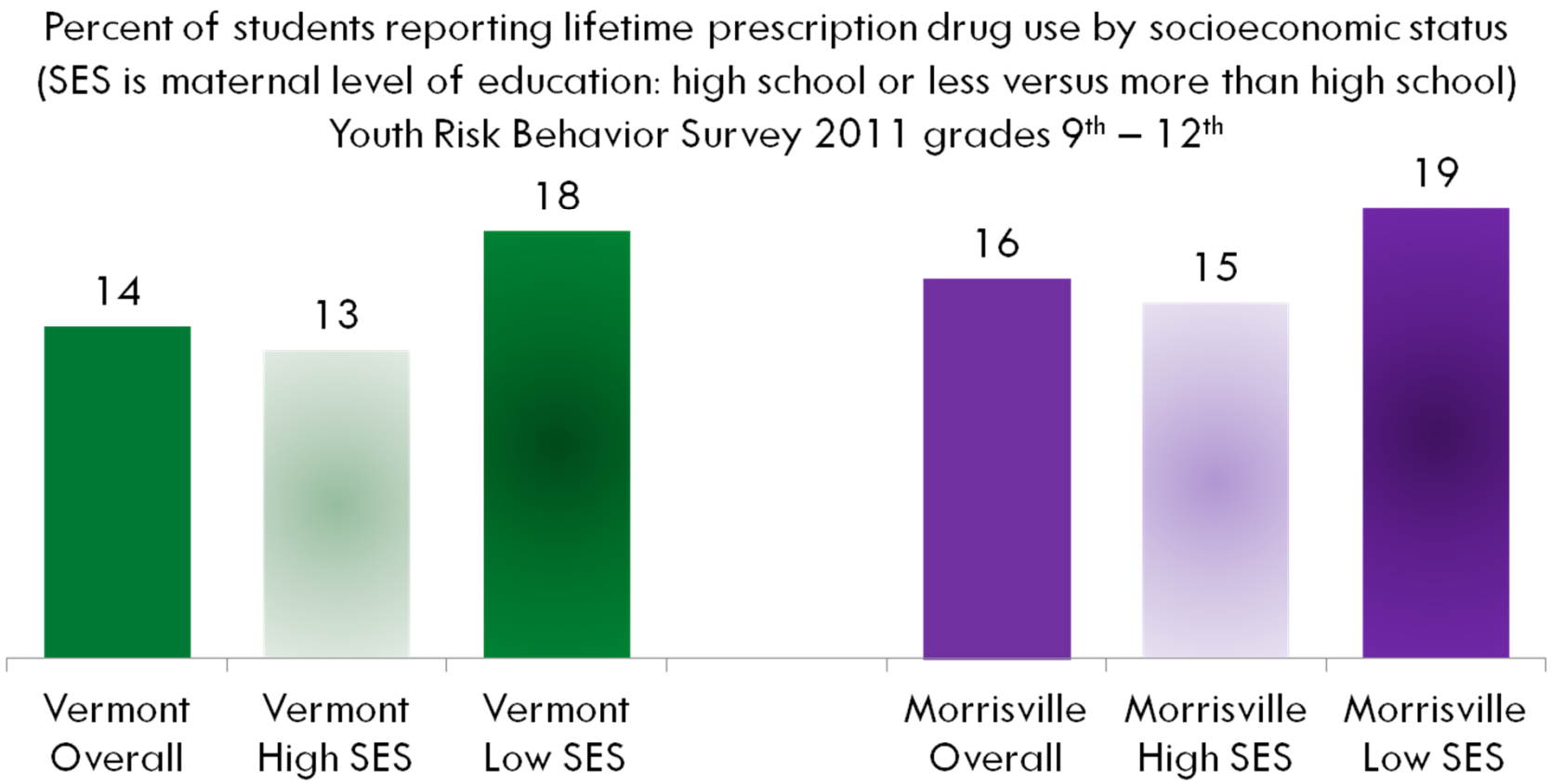
For more information on Middle School youth please see the Middle School report at: http://healthvermont.gov/research/yrbs/2011/index.aspx#statewide

Source: Vermont Youth Risk Behavior Survey 2007-2011

Disparities in Prevalence: High School Youth

- Racial disparities in substance use by district office were not significant given the small numbers of minority students in Vermont
- Socioeconomic status is an important social determinant of health and was found to be associated with prescription drug misuse in Vermont
  - Socioeconomic status was determined by the student's reported maternal level of education (high school or less versus more than high school)
    - This measure is a validated proxy for socioeconomic status among this age group

Disparities in Prevalence: High School Youth



Prevalence of prescription drug misuse by SES in the Morrisville District was not statistically different. However, SES remains an important risk factor.

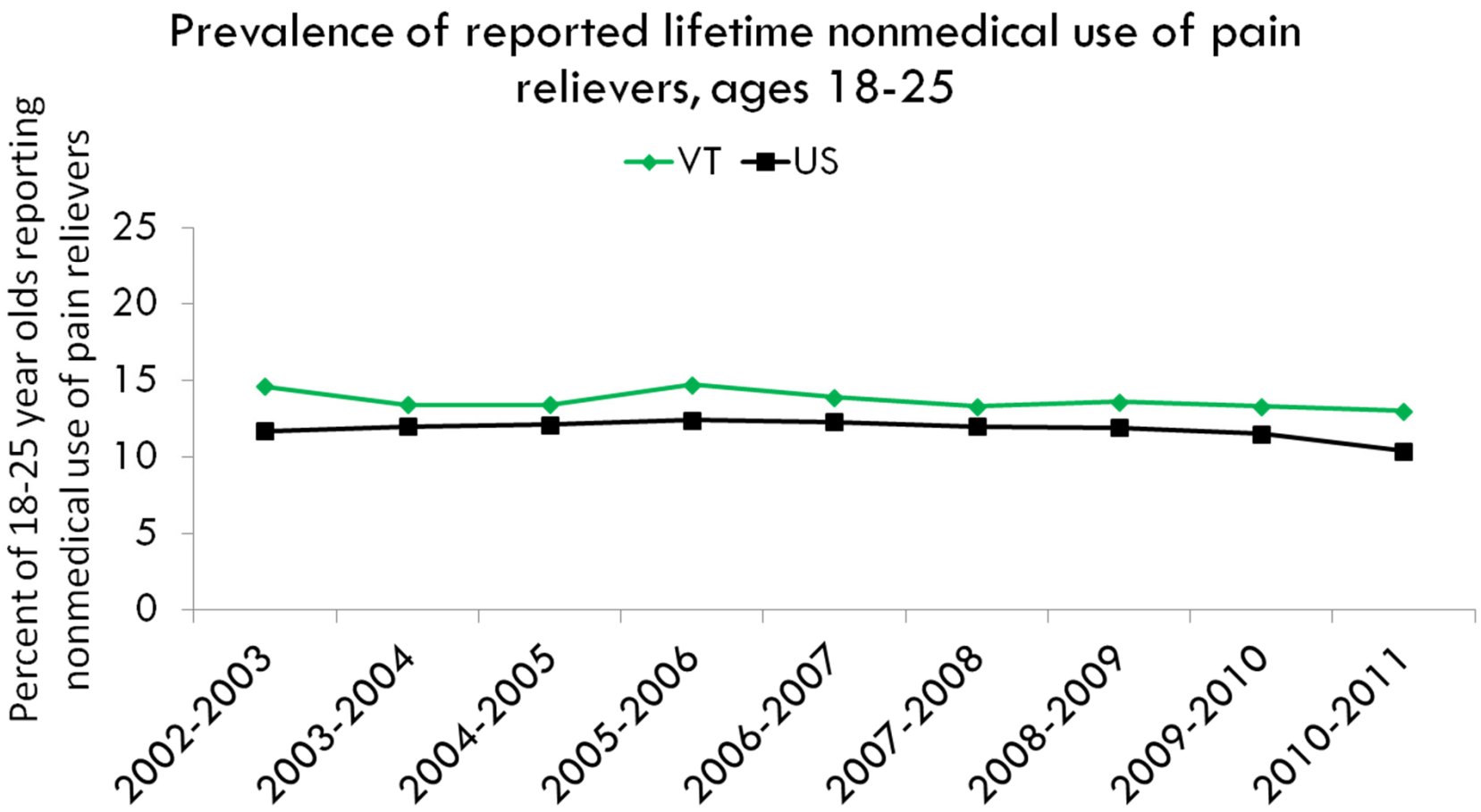
Source: Vermont Youth Risk Behavior Survey 2011

Prevalence: 18-25 Year Olds

- Page 10 presents state-level trend data from the National Survey on Drug Use and Health (NSDUH) on nonmedical use of pain relievers among 18-25 year olds from 2002-2010. Substate data collected by NSDUH do not show any regional differences in the prevalence of nonmedical use of pain relievers (note that District Office-level data is not available).

- Additional information on young adults can be found in state-wide reports from the Behavioral Risk Factor Survey System (BRFSS) and Core Survey (college students):
  - BRFSS: http://healthvermont.gov/research/brfss/reports.aspx
  - CORE: request a copy from Amy Livingston (alivingston@pire.org)

Prevalence: National Survey on Drug Use and Health

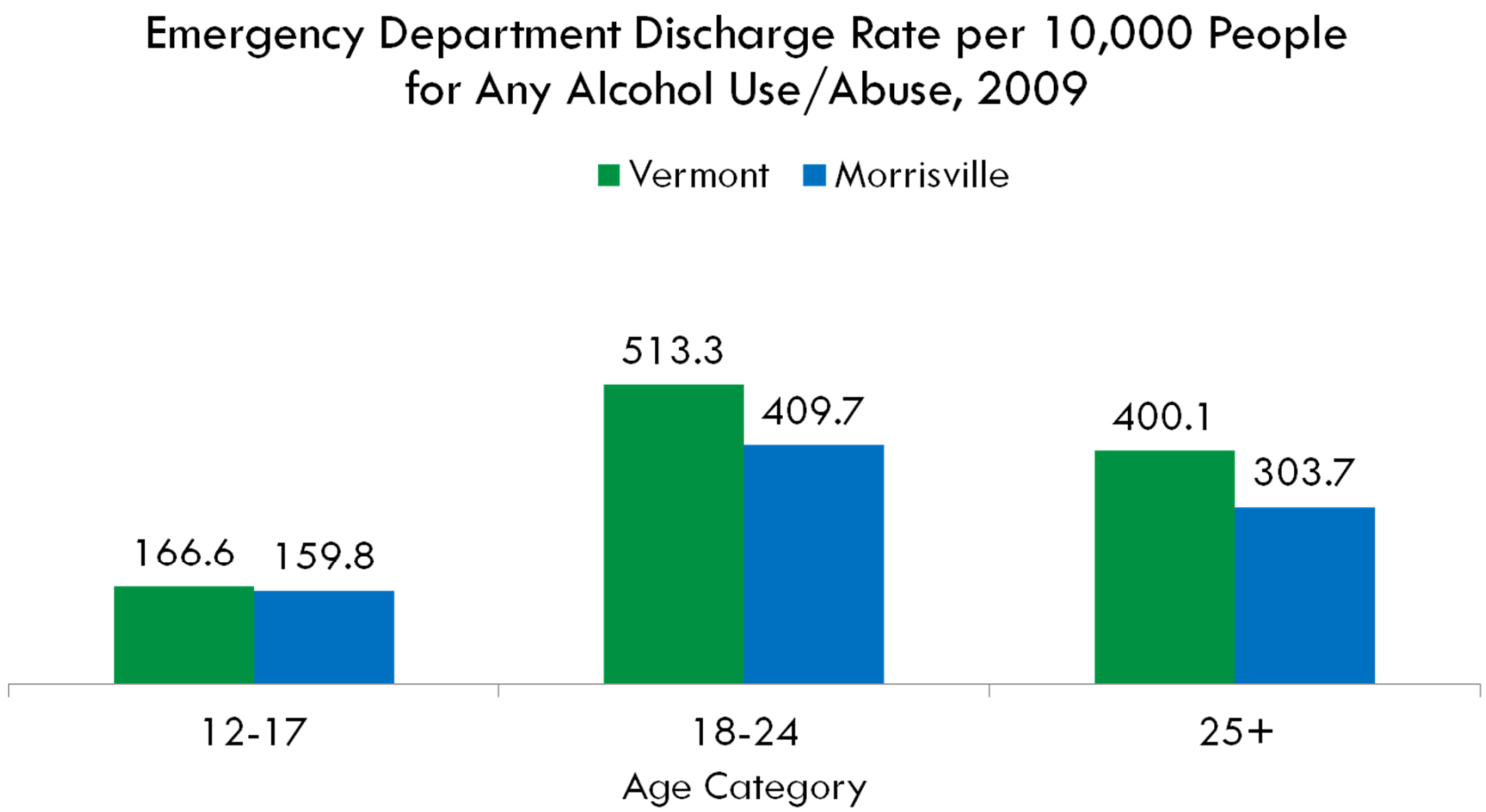


Source: National Survey on Drug Use and Health 2002-2010

Emergency Department Discharge Rates

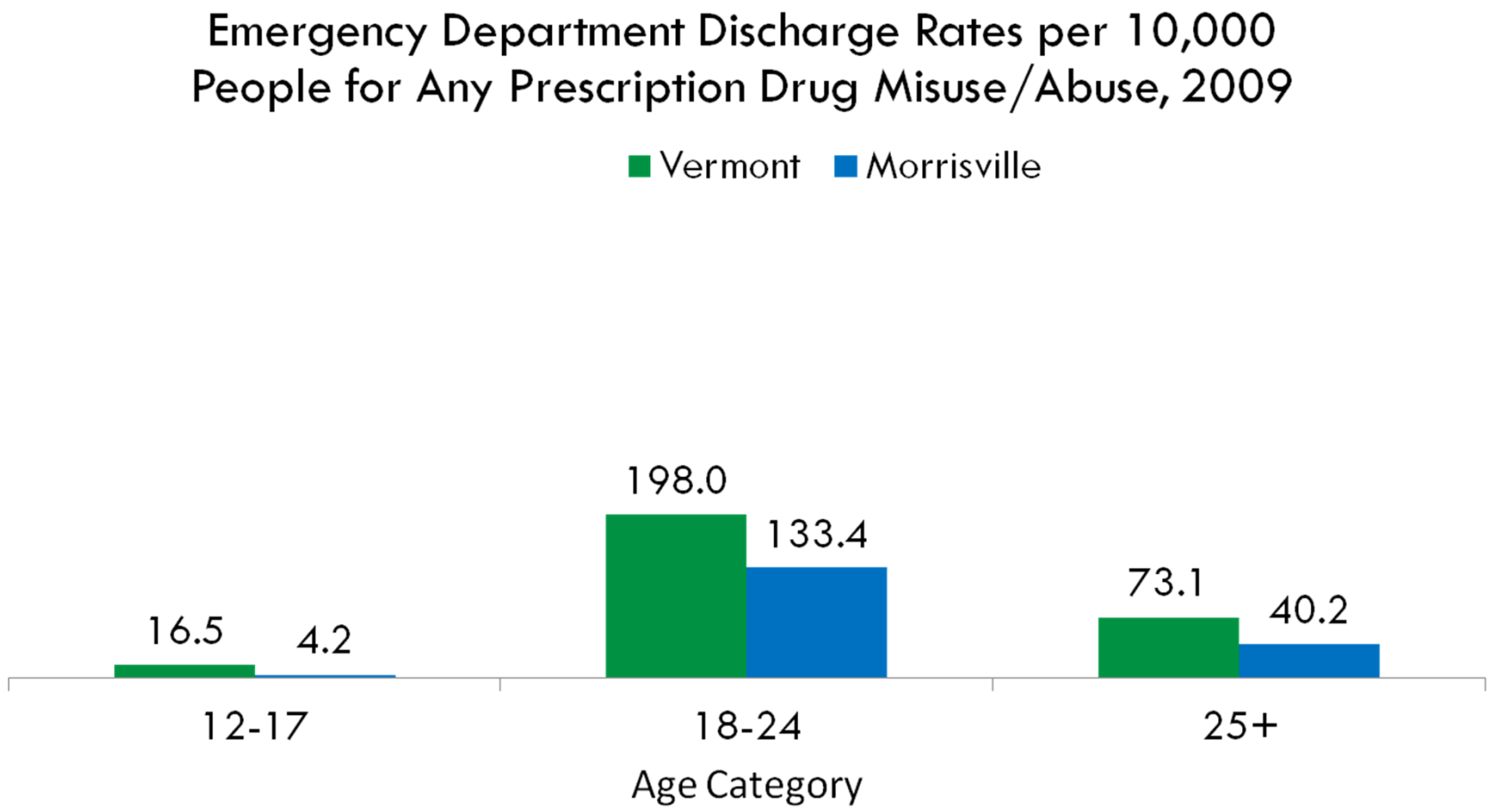
- The Vermont Unified Hospital Discharge Data Set (VUHDDS) provides information on emergency department discharge rates (pages 12 and 13)
  - Diagnosis codes were identified for any alcohol use/abuse and any prescription drug use/abuse
  - Emergency Department Discharge Rates are the number of discharges per 10,000 Vermonters by age category
  - The latest complete VUHDDS data are from 2009
  - Zip code was used to determine if a Vermont resident lived in Morrisville District (where the patient was hospitalized was not taken into consideration)
    - Data are from hospitals in Vermont, New Hampshire, New York and Massachusetts

Emergency Department Discharge Rates



Source: Vermont Unified Hospital Discharge Data Set 2009

Emergency Department Discharge Rates



Source: Vermont Unified Hospital Discharge Data Set 2009

Risk and Protective Factors for Substance Use

Percent of students reporting risk or protective behavior
Youth Risk Behavior Survey 2011 grades 9th – 12th

Risk/Protective Factor	Vermont	Morrisville	Compared to VT
Drank before age 13	16%	20%	Worse
Felt valued by Community	51%	46%	Worse
Believe it is easy to get alcohol	73%	75%	Same
Think people their age risk harming themselves binge drinking	36%	35%	Same

Source: Vermont Youth Risk Behavior Survey 2011

Consequences of Substance Use: High School Youth

Percent of students reporting a consequence of substance use
Youth Risk Behavior Survey 2011 grades 9th – 12th

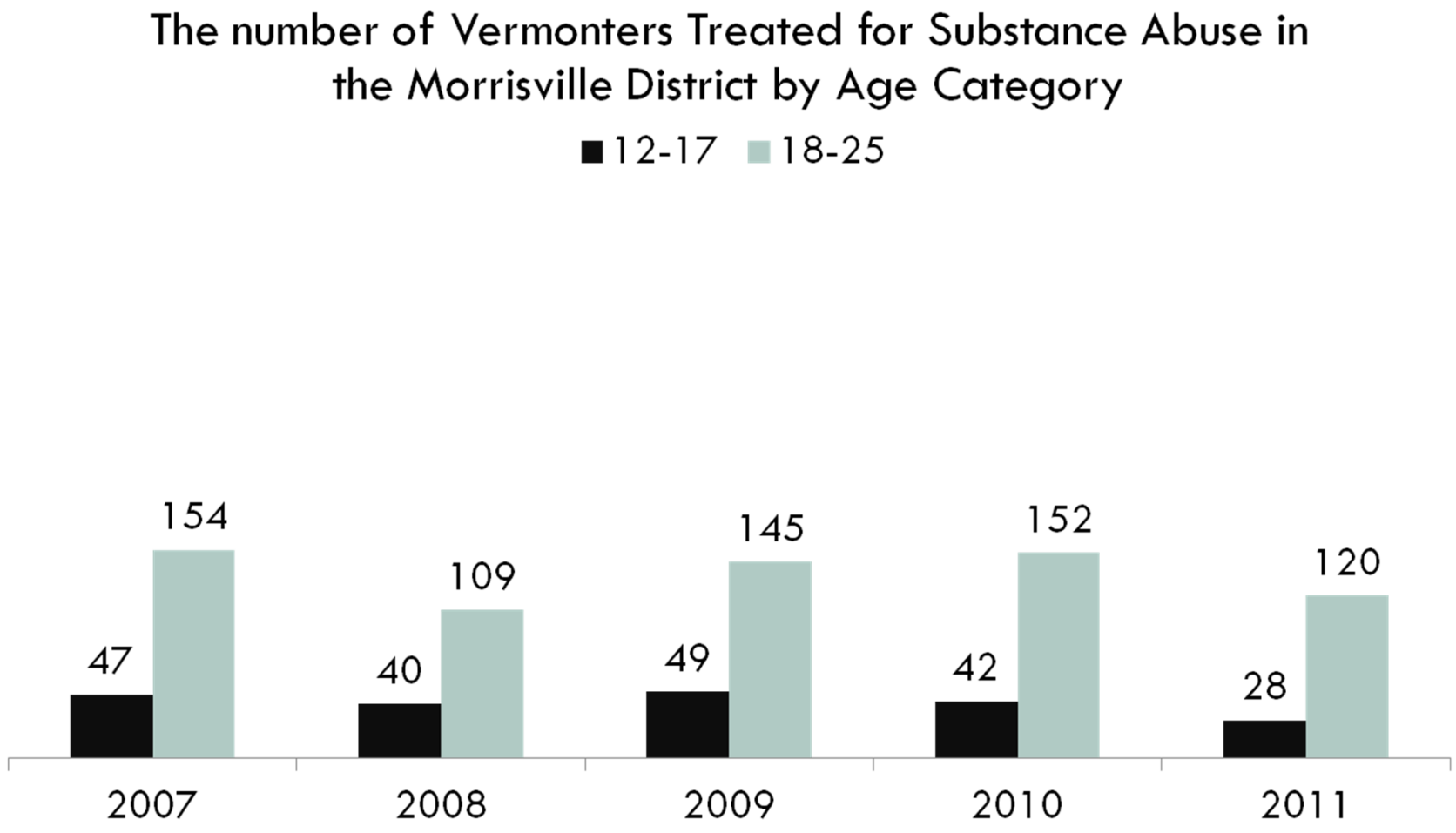
Consequences	Vermont	Morrisville	Compared to VT
Rode with a drunk driver in the past 30 days	22%	27%	Worse
Drove while drunk in the past 30 days	7%	8%	Same

Source: Vermont Youth Risk Behavior Survey 2011

Treatment For Substance Abuse

- ADAP collects data on Vermonters treated for substance use
  - These data are specific to the treatment sponsored by ADAP for youth who are residing in the Morrisville District
    - These data are not prevalence data, and a decrease in the number treated may represent a change unrelated to prevalence such as: a decrease in access, a decrease in funding, or a decrease in those needing treatment (among others)

Treatment For Substance Abuse

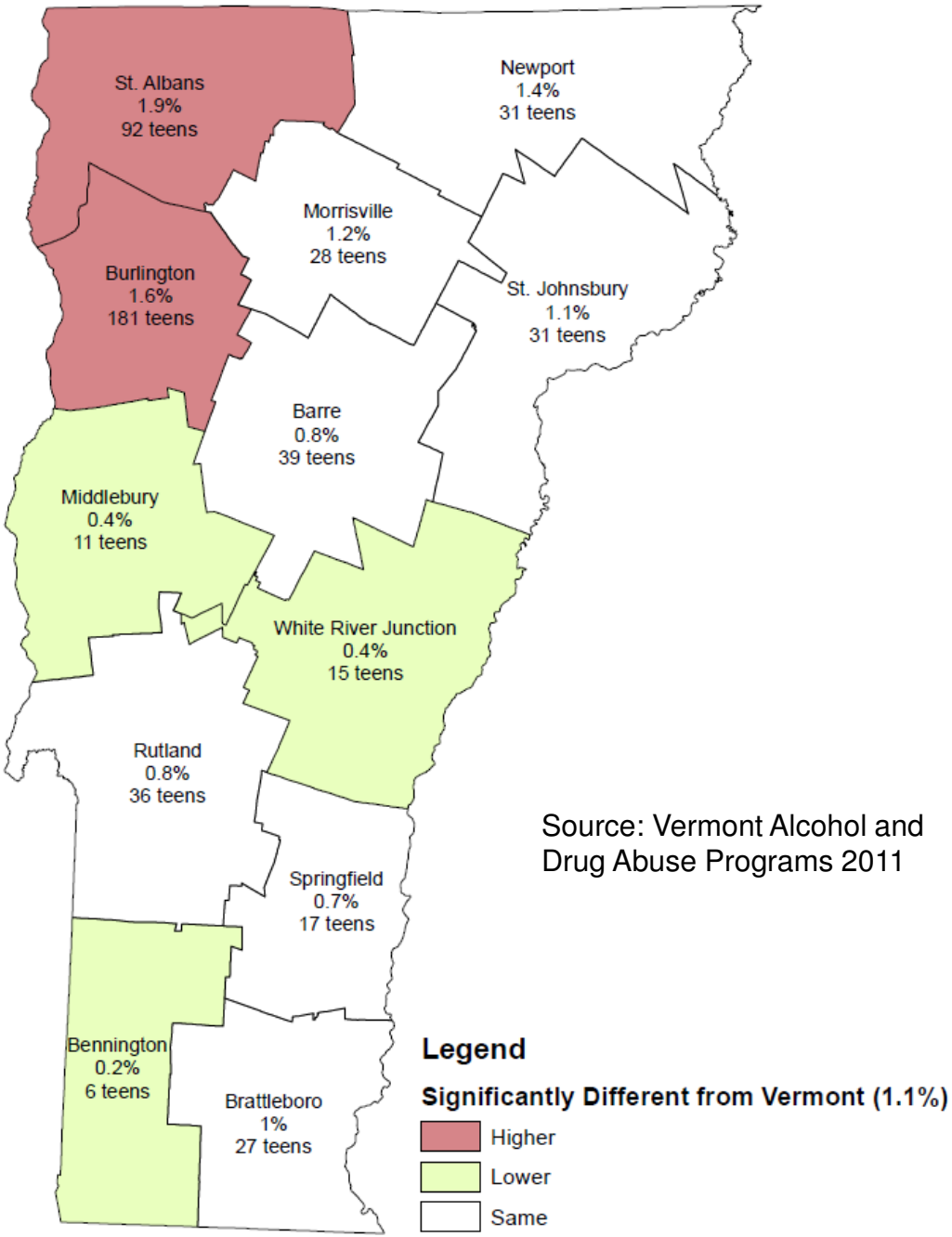


Source: Vermont Alcohol and Drug Abuse Programs 2007-2011

Treatment For Substance Abuse

Percent (and number) of all teens 12-17 years old in substance abuse treatment by District, 2011

- 1.1% of all Vermont teens between 12 and 17 years old received treatment for substance abuse in 2011
- 1.2% of Morrisville District teens between 12 and 17 years old received treatment for substance abuse in 2011
- Morrisville District has a similar percent of teens in treatment compared to the state

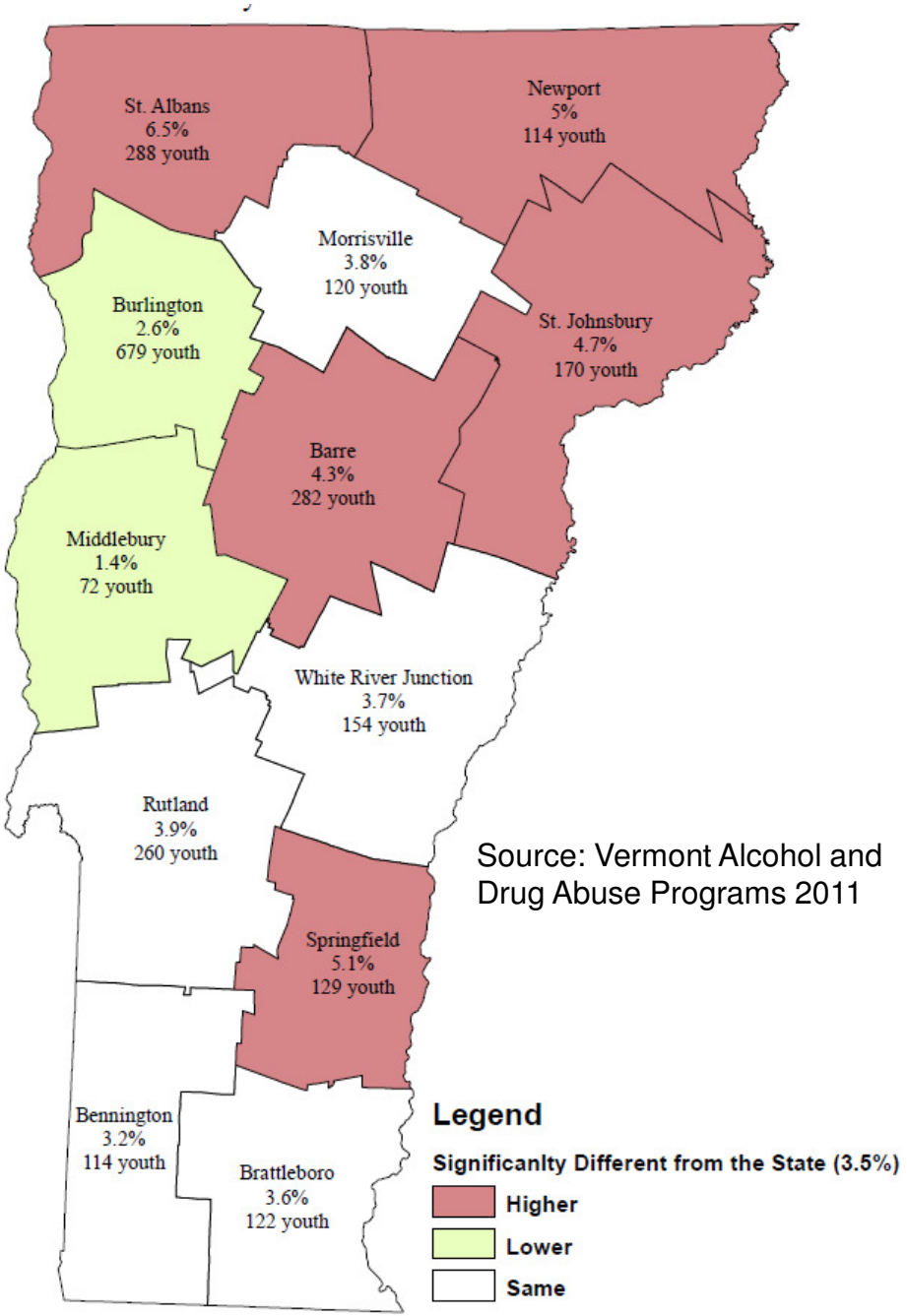


Source: Vermont Alcohol and Drug Abuse Programs 2011

Treatment For Substance Abuse

Percent (and number) of all youth 18-25 years old in substance abuse treatment by District, 2011

- 3.5% of all Vermont young adults between 18 and 25 years old received treatment for substance abuse in 2011
- 3.8% of Morrisville District young adults between 18 and 25 years old received treatment for substance abuse in 2011
- Morrisville District has a similar percent of young adults in treatment compared to the state

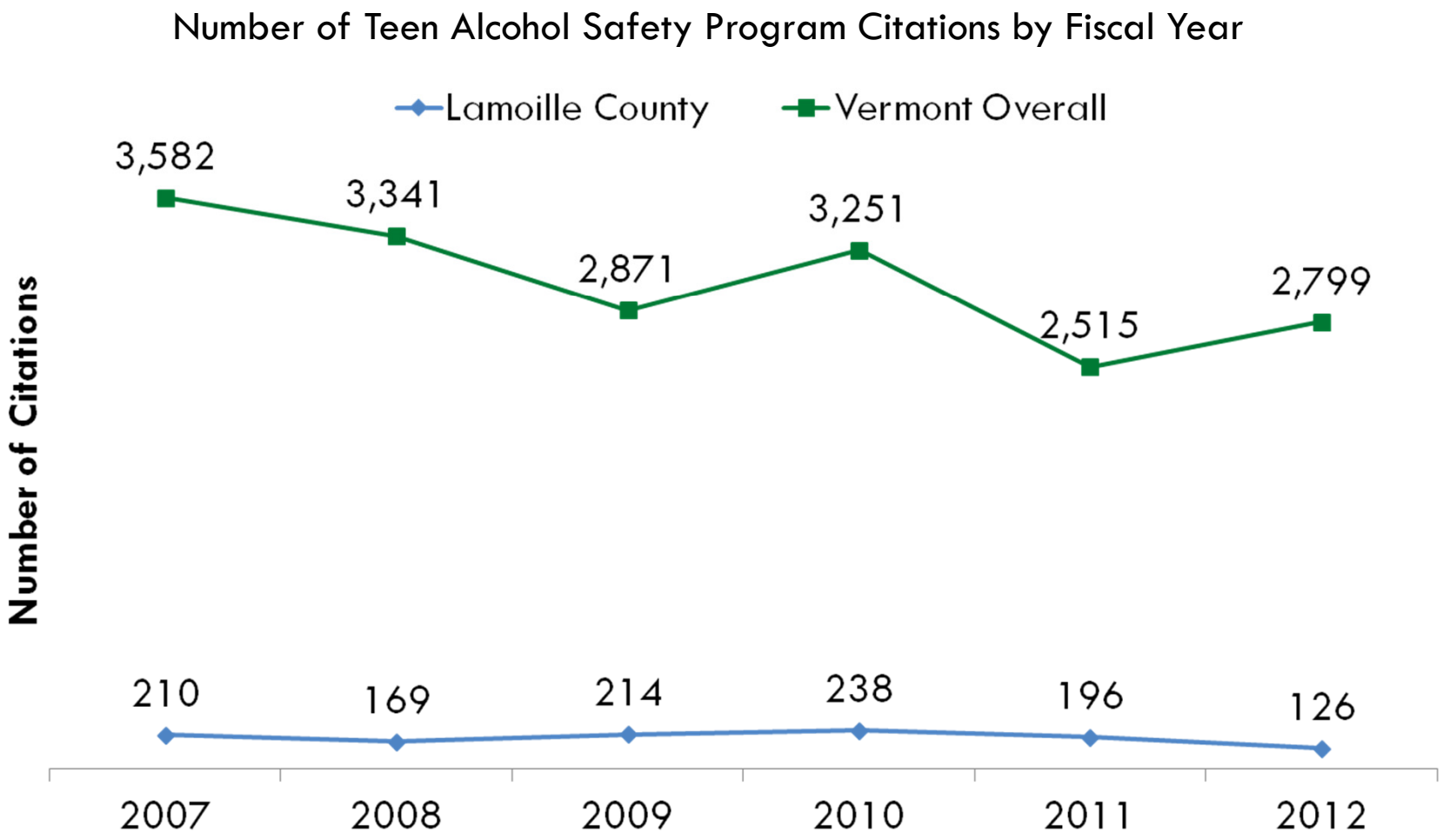


Source: Vermont Alcohol and Drug Abuse Programs 2011

Capacity Building

- The Teen Alcohol Safety Program (TASP) is operated under the Court Diversion programs run by the Office of the Attorney General
  - Page 21 presents the number of Vermonters under the age of 21 cited for consuming or possessing an alcoholic beverage, using a fake ID, or asking another to purchase alcohol for them
- Law enforcement officers from the Department of Liquor Control (DLC) conduct checks of compliance with the minimum legal purchasing age (MLPA) law
  - Page 22 presents the percent and number of compliance checks
    - These data are available in detail from the DLC
- Page 23 shows ADAP funds School-Based Substance Abuse Service Grants

Teen Alcohol Safety Program Citations



Source: Court Diversion Program 2007-2012

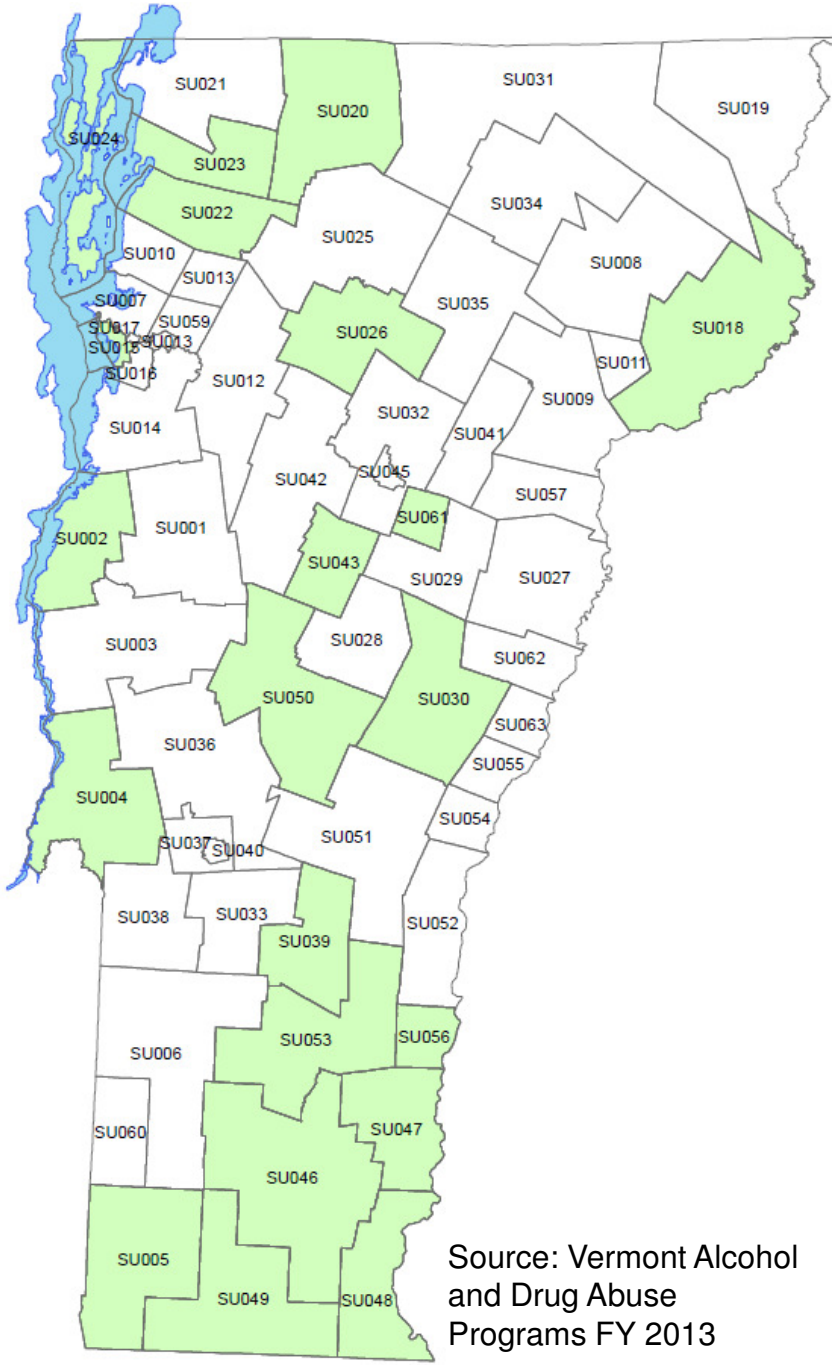
Department of Liquor Control Compliance Checks

Compliance Checks for 1st and 2nd Class Licensees, Dept. of Liquor Control 2012

County	# Checked	# Passed	Percent Passed
Addison	10	9	90%
Bennington	19	13	68%
Caledonia	12	12	100%
Chittenden	65	59	91%
Essex	2	2	100%
Franklin	11	10	91%
Grand Isle	3	2	67%
Lamoille	18	17	94%
Orange	3	3	100%
Orleans	14	14	100%
Rutland	31	31	100%
Washington	19	16	84%
Windham	23	21	91%
Windsor	20	20	100%
Vermont	250	229	92%

School-Based Grants

- Supervisory Unions funded for Fiscal Year 2013 with School-Based Substance Abuse Service Grants (in green).
- The purpose of these three year grants is to provide and enhance substance abuse prevention and early intervention services in Vermont schools, leading to reductions in students' alcohol and other drug use.



Source: Vermont Alcohol and Drug Abuse Programs FY 2013

Conclusion and Contacts

- These data are presented to assist the District Offices in all types of planning, needs assessment, community outreach, and prevention work surrounding alcohol use, binge drinking and prescription drug misuse.
- Please contact:

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