

This data brief includes the annual Influenza (flu) vaccine coverage rates from the [Vermont Immunization Registry](#). The Vermont Immunization Registry manages immunization records centrally to support the planning and evaluation of efforts to increase influenza vaccination rates. Annual flu vaccination is recommended for everyone 6 months and older to reduce the risk of flu and flu-related complications.

**Four in ten** eligible Vermonter's received a flu vaccine during the 2022-2023 season, a similar rate to the previous season.



During the 2022-2023 flu season, flu vaccination decreased among most age groups. However, flu vaccination did increase among those 65 years and older compared to the previous season. Rates decreased the most for those 5 and under.

### Vermonters Receiving Flu Vaccine: Last Season vs. Previous Season

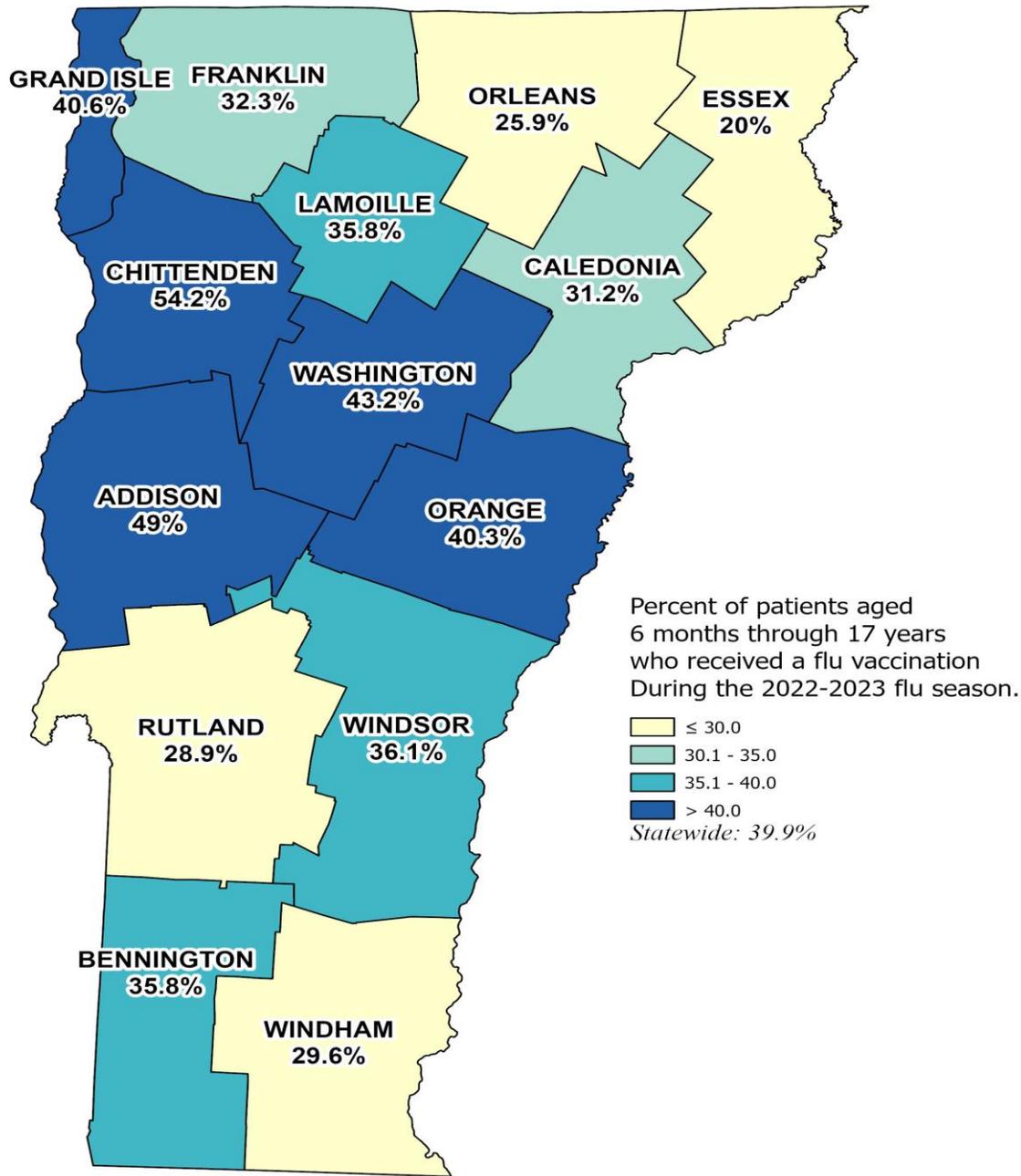
Age Group	2021 - 2022 Flu Season	2022 - 2023 Flu Season	Difference
<b>6 months through 4 years</b>	14,056/25,713 54.7%	12,785/25,713 49.7%	- 5%
<b>5 years through 12 years</b>	22,271/52,276 42.6%	20,931/52,276 40.0%	- 2.6%
<b>13 years through 17 years</b>	12,899/36,451 35.4%	11,908/36,451 32.7%	- 2.7%
<b>18 years through 49 years</b>	69,736/257,516 27.1%	69,778/257,516 27.1%	No Change
<b>50 years through 64 years</b>	59,852/137,820 54.7%	59,815/137,820 54.7%	No Change
<b>65 years and older</b>	82,421/133,258 61.9%	87,092/133,258 65.4%	+ 3.5%

Photo credit: Centers for Disease Control

## Influenza Coverage Rates by County: Under 18

Influenza vaccination rates vary from county to county. The map below shows Chittenden County with the highest rate of coverage for people under age 18 (54.2%). Fewer than one-third of children under 18 were vaccinated in six counties (Essex, Orleans, Franklin, Caledonia, Rutland, and Windham).

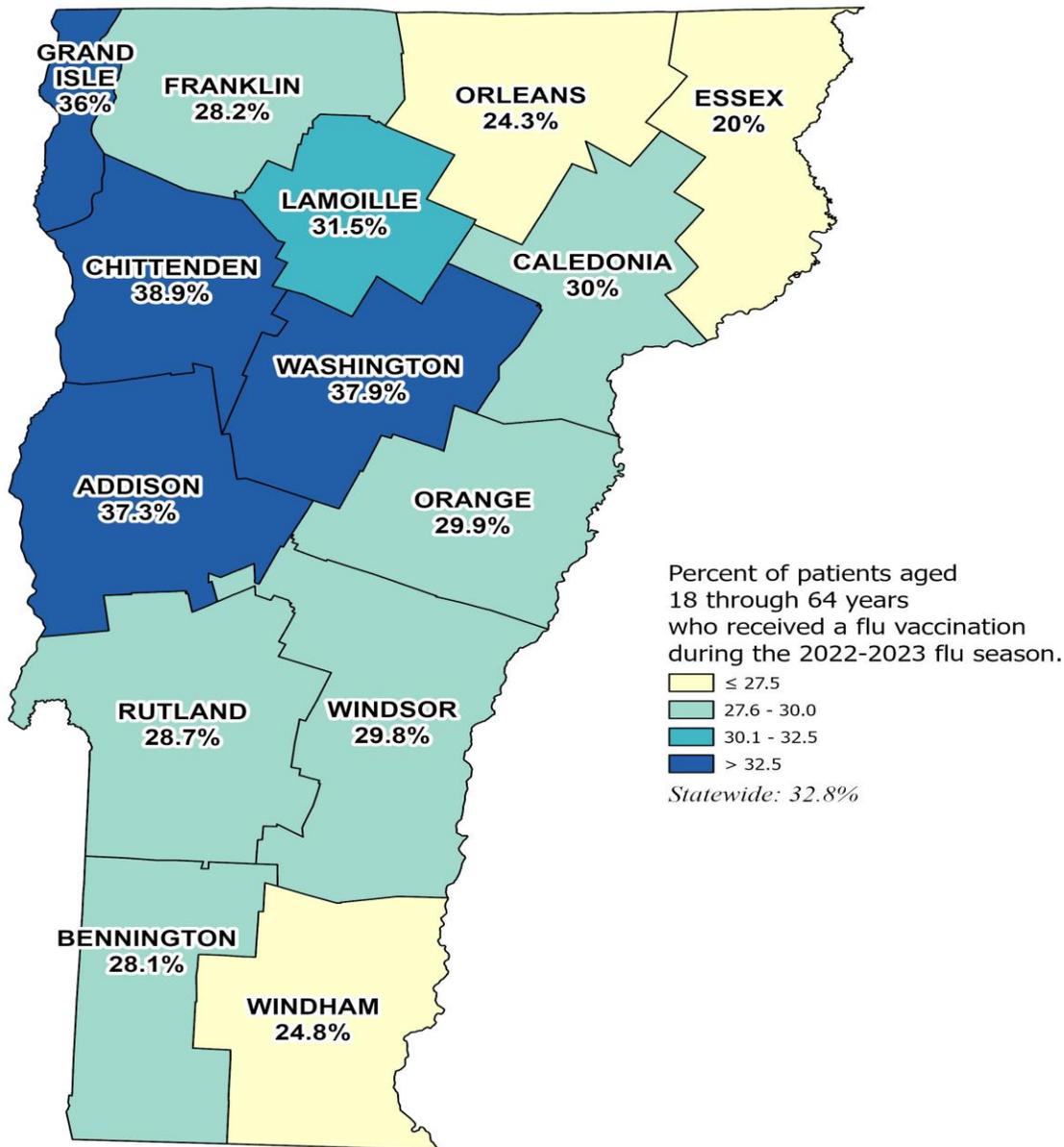
### Under 18 Influenza Vaccination Rates by County, 2022-2023



## Influenza Coverage Rates by County: 18 through 64

In the 2022-2023 flu season, one-third of Vermont adults 18-64 years of age had flu immunization documented in the Vermont Immunization Registry. Rates for this age group may be higher than reported due to incomplete reporting from employer-based flu vaccination clinics.

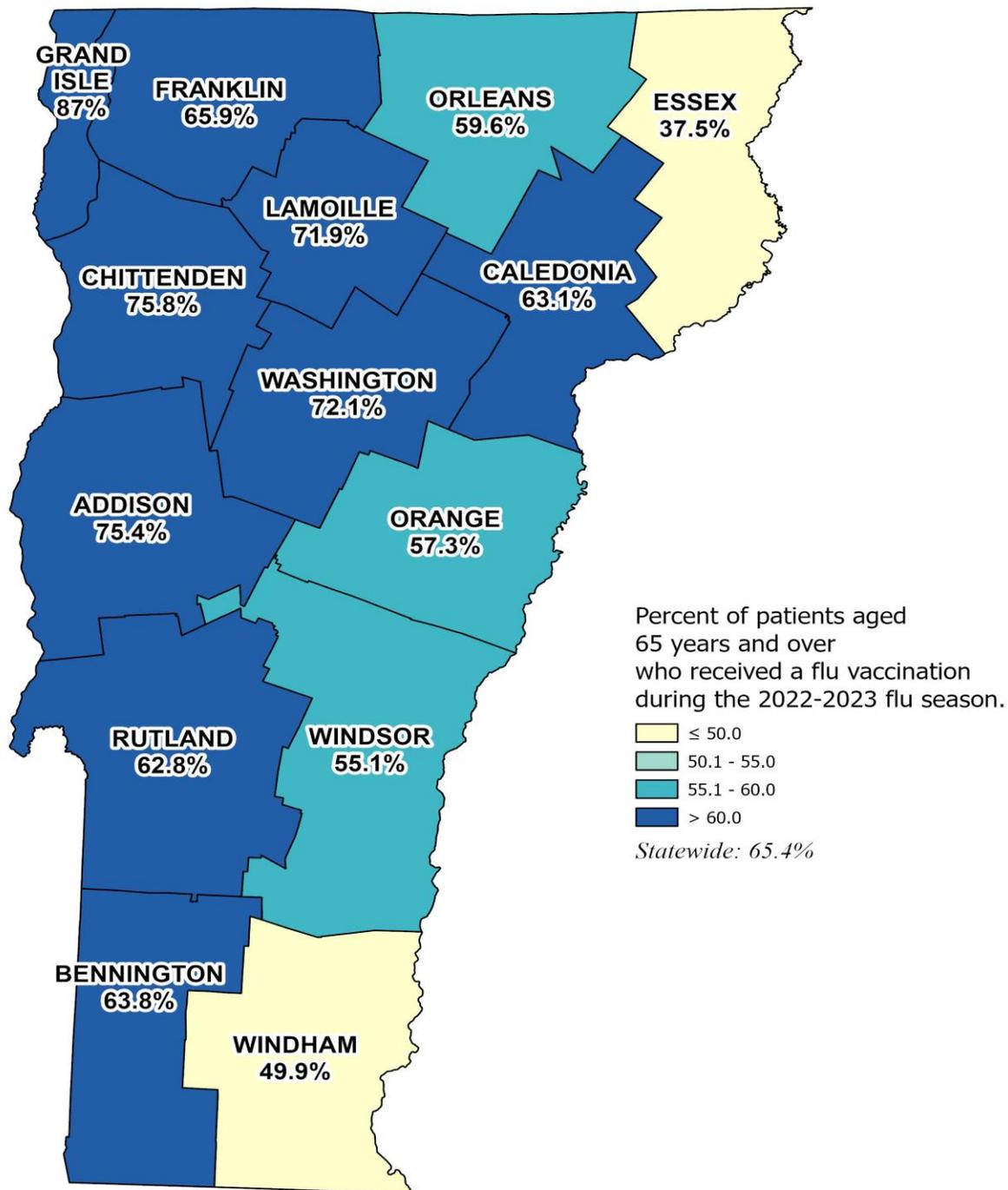
### 18-64 Influenza Vaccination Rates by County, 2022-2023



## Influenza Coverage Rates by County: 65+

Statewide, 65% of Vermonters in this age group received an influenza vaccine in the 2022-2023 flu season but county levels vary. For example, nearly 9 in 10 Vermonters 65+ received a flu vaccine in Grand Isle County, which is more than double the rate of Essex County (less than 4 in 10).

### 65+ Influenza Vaccination Rates by County, 2022-2023



## 2022-2023 Influenza Vaccine Coverage for Persons Under 18 Years of Age, by County

	6 months through 4 years			5 through 12 years			13 through 17 years		
	Number	Percent	Population	Number	Percent	Population	Number	Percent	Population
Addison	810	59.6%	1,359	1,300	49.5%	2,627	753	40.5%	1,859
Bennington	626	42.3%	1,481	1,096	35.8%	3,064	729	31.6%	2,304
Caledonia	429	35.0%	1,227	781	31.1%	2,515	557	29.1%	1,913
Chittenden	4,317	65.7%	6,570	7,161	55.0%	13,022	4,111	44.8%	9,180
Essex	47	22.2%	212	95	20.3%	467	57	18.2%	314
Franklin	1,085	42.7%	2,541	1,591	31.8%	4,997	785	24.6%	3,192
Grand Isle	146	51.6%	283	231	40.3%	573	130	33.2%	392
Lamoille	522	46.7%	1,117	830	34.9%	2,380	470	29.6%	1,587
Orange	562	48.3%	1,164	977	40.4%	2,416	554	34.2%	1,620
Orleans	399	33.3%	1,198	632	26.3%	2,399	321	19.8%	1,618
Rutland	852	37.5%	2,269	1,365	28.7%	4,758	764	23.3%	3,276
Washington	1,302	54.8%	2,378	2,105	44.3%	4,756	1,131	33.7%	3,361
Windham	676	39.2%	1,724	1,047	28.5%	3,671	626	24.6%	2,546
Windsor	1,012	46.1%	2,193	1,720	37.1%	4,631	920	28.0%	3,289
<b>Statewide</b>	<b>12,785</b>	<b>49.7%</b>	<b>25,713</b>	<b>20,931</b>	<b>40.0%</b>	<b>52,276</b>	<b>11,908</b>	<b>32.7%</b>	<b>36,451</b>

## 2022 - 2023 Influenza Vaccine Coverage for Persons 18 through 64 Years of Age, by County

	18 through 49 years			50 through 64 years		
	Number	Percent	Population	Number	Percent	Population
Addison	4,528	30.1%	15,045	4,101	50.8%	8,068
Bennington	2,783	21.6%	12,893	3,261	38.0%	8,585
Caledonia	2,684	23.8%	11,289	2,685	40.5%	6,622
Chittenden	26,448	32.8%	80,673	17,201	54.7%	31,461
Essex	278	15.4%	1,807	385	25.6%	1,503
Franklin	4,359	22.0%	19,822	4,306	39.5%	10,900
Grand Isle	707	27.8%	2,546	906	46.7%	1,938
Lamoille	2,657	24.8%	10,712	2,435	44.7%	5,445
Orange	2,631	24.5%	10,747	2,632	38.5%	6,828
Orleans	1,910	19.4%	9,856	1,902	32.5%	5,858
Rutland	4,714	21.6%	21,821	5,549	39.8%	13,955
Washington	7,577	31.6%	23,951	6,359	49.6%	12,833
Windham	3,250	20.2%	16,108	3,353	31.8%	10,531
Windsor	5,252	25.9%	20,246	4,740	35.7%	13,293
Statewide	69,778	27.1%	257,516	59,815	43.4%	137,820

## 2022-2023 Influenza Vaccine Coverage for Persons 65 Years of Age and Older, by County

	65+ years		
	Number	Percent	Population
Addison	6,156	75.4%	8,163
Bennington	5,643	63.8%	8,842
Caledonia	4,235	63.1%	6,711
Chittenden	20,676	75.8%	27,292
Essex	602	37.5%	1,604
Franklin	5,678	65.9%	8,619
Grand Isle	1,446	87.0%	1,662
Lamoille	3,429	71.9%	4,767
Orange	3,809	57.3%	6,653
Orleans	3,872	59.6%	6,497
Rutland	8,989	62.8%	14,307
Washington	8,989	72.1%	12,460
Windham	5,663	49.9%	11,344
Windsor	7,905	55.1%	14,337
<b>Statewide</b>	<b>87,092</b>	<b>65.4%</b>	<b>133,258</b>

### Definitions:

This brief uses numerators from the Vermont Immunization Registry: a secure health information system that contains immunization records for persons living in Vermont. The Registry is connected with Vermont’s Electronic Births and Deaths Registries and has been in existence since 2004. Medical provider offices, hospitals, pharmacies, and nursing homes report to the Registry. As of January 1, 2021, there were 984,125 patients and over 12 million immunizations in the system. The denominators are 2021 VDH population estimates. Reports prior to the 2021-2022 flu season used a denominator derived directly from the Immunization Registry. In this brief, a census-based denominator was used to allow for comparison to last the previous flu season.

Flu Season: 2022-2023 flu season includes doses received by the IMR between July 1, 2022, and June 30, 2023.

### Limitations:

While Vermont law requires that all immunizations be reported to the Vermont Immunization Registry, some doses might not have been reported. Known non-reporters include a few small independent

pharmacies and employee health clinics including some employee health clinics at Vermont hospitals. Additionally, immunization rates may be lower in border counties as individuals may seek care in another state and the IMR may or may not receive that immunization in the IMR.

**For questions or more information about the Immunization Registry: [IMR@vermont.gov](mailto:IMR@vermont.gov)**

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