

# Industry and Occupation of Vermonters Who Died by Suicide, 2019 - 2020

January 2022

The data below includes suicide deaths among Vermont residents between the age of 16 to 64 with classifiable industry and occupation information.<sup>1</sup> Industry was classified by major group using the Standard Occupational Manual, 2018.<sup>2</sup> Occupation was classified by major group using the North American Industry Classification System Manual, 2017.<sup>3</sup> Rates are expressed as per 100,000 Vermonters working in that specific industry or occupation.<sup>4,5</sup>

Industry						
Major Category Group	2019	2020	2019-2020	2019 Rate	2020 Rate	2019-2020 Rate
Accommodation and food services	10	5	15	30.6	21.9	27.0
Administrative and waste services	4	2	6	31.7	17.2	24.8
Agriculture, forestry, fishing and hunting	3	4	7	85.6	114.5	100.0**
Arts, entertainment, and recreation	1	4	5	19.9	112.5	58.2
Construction	11	19	30	69.3	128.1	97.7**
Educational services	5	1	6	13.6	2.9	8.4^
Finance and insurance	0	2	2	0.0	22.8	11.3
Health care and social assistance	7	3	10	12.7	5.8	9.3^
Information	1	0	1	22.4	0.0	11.7
Management of companies and enterprises	0	0	0	0.0	0.0	0.0
Manufacturing	8	9	17	26.6	31.9	29.2
Mining, quarrying, and oil and gas extraction	0	1	1	0.0	166.1	81.6
Other services, except public administration	2	1	3	22.8	13.0	18.2
Professional and technical services	2	2	4	12.7	12.6	12.7
Public administration	1	7	8	5.4	39.0	22.0
Real estate and rental and leasing	0	0	0	0.0	0.0	0.0
Retail trade	8	7	15	21.8	20.8	21.3
Transportation and warehousing	4	3	7	43.2	34.7	39.1
Utilities	2	1	3	122.3	62.9	93.1
Wholesale trade	3	3	6	33.0	34.4	33.7
<b>Total Suicide Deaths Among People with Industry Data</b>	<b>72</b>	<b>74</b>	<b>146</b>	<b>23.2</b>	<b>26.1</b>	<b>24.6</b>
Not Classified*			21			

## Industry and Occupation of Suicide Deaths

Occupation						
Major Category Group	2019	2020	2019-2020	2019 Rate	2020 Rate	2019-2020 Rate
Architecture and Engineering	1	1	2	16.6	17.3	16.9
Arts, Design, Entertainment, Sports and Media	0	4	4	0.0	81.5	38.9
Building and Grounds Cleaning and Maintenance	4	2	6	38.0	20.7	29.7
Business and Financial Operations	3	4	7	20.0	28.0	23.9
Community and Social Service	0	2	2	0.0	20.6	9.9
Computer and Mathematical	1	0	1	14.8	0.0	7.5
Construction and Extraction	9	17	26	62.8	132.0	95.6**
Educational Instruction and Library	3	1	4	11.8	4.4	8.3^
Farming, Fishing, and Forestry	0	3	3	0.0	400.0	153.8**
Food Preparation and Serving Related	5	5	10	19.0	25.2	21.7
Healthcare Practitioners and Technical	5	2	7	25.1	10.5	17.9
Healthcare Support Occupations	0	0	0	0.0	0.0	0.0^
Installation, Maintenance, and Repair	5	4	9	42.7	37.1	40.0
Legal Occupations	0	0	0	0.0	0.0	0.0
Life, Physical, and Social Science	0	2	2	0.0	73.0	35.5
Management	9	6	15	46.9	31.6	39.3
Office and Administrative Support	2	2	4	5.4	5.7	5.5^
Personal Care and Service Occupations	0	1	1	0.0	17.6	8.1
Production	6	6	12	29.8	31.7	30.7
Protective Service	0	3	3	0.0	59.2	29.2
Sales and Related	9	6	15	32.5	24.1	28.5
Transportation and Material Moving	8	6	14	42.7	33.6	38.3
<b>Total Suicide Deaths Among People with Occupation Data</b>	<b>70</b>	<b>77</b>	<b>147</b>	<b>22.9</b>	<b>27.4</b>	<b>25.0</b>
Not Classified*			20			

\*Not classified are deaths not included in this analysis. This may be due to several reasons 1) a non-specific industry or occupation was listed on the death record 2) the person was unemployed, disabled, retired or a student and/or 3) industry or occupation was blank or missing.

\*\* statistically higher than the overall suicide rate; ^ statistically lower than the overall suicide rate

## Industry and Occupation of Suicide Deaths

County of Residence for Vermonters Who Worked in a High-Risk Industry or Occupation	
County	Number of Suicide Deaths in a High Risk Occupation (i.e. Construction and Extraction; Farming, Fishing, and Forestry; Agriculture, Forestry, Fishing and Hunting; and Construction)
Addison	2
Bennington	3
Caledonia	2
Chittenden	3
Essex	1
Franklin	4
Grand Isle	1
Lamoille	0
Orange	4
Orleans	5
Rutland	5
Washington	1
Windham	2
Windsor	5

### References:

1. Vermont Vital Statistics, 2019- 2020
2. [North American Industry Classification System \(NAICS\) Manual, 2017](#)
3. [Standard Occupational Classification Manual, 2018](#)
4. Occupational Employment and Wage Statistics, 2019- 2020
5. Quarterly Census of Employment and Wages, 2019- 2020