Vermont Department of Health

2023 Census of Dentists Statistical Report

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State of Vermont Phil Scott, Governor

Agency of Human Services Jenney Samuelson, Secretary

Department of Health Mark Levine, MD, Commissioner

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Acknowledgments

We wish to express our appreciation to all the dentists who took the time and effort to complete our census form.

This report would not have been possible without the cooperation of the Vermont State Dental Society. We gratefully acknowledge their assistance in the collection of this information.

We also wish to express our thanks to the Secretary of State's Office who linked their online licensing system to our survey, and followed up with the dentists who were initially missing from the census.

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Introduction

Since the health of Vermonters depends, in part, on access to health care, we need to identify and address problems related to the supply of health care providers, including their distribution by geography and specialty. This effort depends largely on our capacity to collect timely and useful data. In this report we present detailed profiles of dentists practicing in Vermont; these data, along with data on other health care providers, can be used as the basis for policy analysis, shortage area designations, and recruitment and retention activities.

The first survey of dentists was conducted in 1999. Information on dentists who practice in Vermont has been updated every two years at the time of relicensing. Similar information is now being collected from other health care practitioners of all types.

<u>Data Collection</u>: This report includes dentists who renewed their license as of the end of September 2023. In cooperation with the Office of Professional Regulation at the Secretary of State Office and the Vermont State Dental Society, the Department of Health online census form was linked to the online relicensing system before license renewal was started.

The survey responses were compared against a list of all dentists who renewed their license. The Office of Professional Regulation followed up with dentists who did not return a survey, to determine if they were practicing in Vermont, and complete the survey. All dentists were eventually reached.

Included in this report are 368 dentists who provide patient care in Vermont. One hundred and fifty-five dentists renewed their Vermont licenses but reported that they do not practice in Vermont - 66 of them said they expect to start (or resume) practicing in Vermont within the next 12 months. These 155 dentists are excluded from this report. Also excluded are 4 dentists that reported fewer than 2 patient care hours per week on average in Vermont.

<u>Limitations</u>: The surveys were reviewed for accuracy and consistency during the data entry and processing phases. Missing and/or inconsistent data items were evaluated as to their importance. In a few cases data items that were considered essential, such as specialty or number of patient care hours, were filled in from older data. Other data are reported as missing. In general, however, the information for this report was self-reported and was not further verified. Data in this report are, therefore, subject to the limitations associated with self-reported surveys. The possibility of misinterpretation of survey items is always present, and it is possible that a small number of inconsistencies have arisen from such occurrences.

<u>Table Notes:</u> Detailed notes and definitions are included in the Appendices. References to "Note(s)" in tables always refer to the Notes in Appendix B.

Please contact us if you have any questions about the survey or the report. Call or write the Department of Health, Statistics and Informatics, Health Care Workforce Census, 280 State Drive, Waterbury, VT 05671-1080, tel. (802) 863-7300, or email AHS.VDHPhysicianCensus@vermont.gov.

Summary of the 2023 Dentist Survey Results

- This report includes data reported by 368 dentists providing patient care in Vermont. This
 represents 281.5 full-time equivalents, of which 231.0 are in primary care.
- ♦ 296 dentists work mainly in primary care including:
 - 283 General
 - 13 Pediatric
- ♦ 72 dentists provide mainly specialty care including:
 - 17 Oral Surgery
 - 15 Endodontics
 - 21 Orthodontics
 - 11 Periodontics
 - 3 Prosthodontics
 - 5 Other Specialties
- Patient care hours per week (does not include administration, teaching, and research):
 - 29% 40 or more hours per week
 - 44% 30 to 39 hours per week
 - 27% less than 30 hours per week
- ◆ 126, or 36%, of the dentists are female. Of the 159 dentists under age 45, 86 (54%) are female.
- ♦ 35% (130) of the dentists are 55 or older, and 15% (55) are 65 or older.
- Between 2021 and 2023 there was a net decrease of 4 dentists in the under 45 age group, net decrease of 6 dentists in the 45-64 age group, and a decrease of 15 dentists in the 65+ age group.
- ♦ There are nineteen fewer dentists providing primary care in Vermont compared to 2021, with total primary care FTEs decreasing by 12.1, while six fewer dentists are providing specialty care and specialist FTEs decreasing by 3.4.
- As compared with 2021, more dentists are providing 30 to 39 hours or more of patient care per week and less dentists are either working 40 or more hours a week or less than 30 hours a week.
- As compared with 2021, the largest increases in primary care FTEs were in Washington, Caledonia and Franklin counties. The largest decreases were in Chittenden, Windham, and Bennington counties.
- ♦ The reported percentage accepting new patients is 92% and the percentage accepting new Medicaid patients is 41%, continuing the decreases seen in 2021.
- ♦ Relative to 2021, the average reported weeks wait for an appointment for a new patient with a general dentist has increased again, from 4.4 to 6.6 weeks, and it has also increased from 4.1 to 5.3 weeks for new patients of pediatric dentists.

Comparison of Selected Data, 2007-2023

	2007	2009	2011	2013	2015	2017	2019	2021	2023
Total active* dentists	355	366	368	369	383	381	389	393	368
Primary care dentists	282	292	297	298	312	313	313	315	296
General practice	272	280	288	286	301	299	299	301	283
Pediatric dentistry	10	12	9	12	11	14	14	14	13
Specialist dentists	73	74	71	71	71	68	76	78	72
Oral Surgery	24	26	23	23	21	21	22	20	17
Endodontics	7	9	10	11	13	13	15	13	15
Orthodontics	27	24	25	24	23	22	22	25	21
Periodontics	11	12	11	10	10	9	13	12	11
Prosthodontics	2	2	1	1	2	2	3	5	3
Other Specialties	2	1	1	2	2	1	1	2	5
Percent of dentists under age 40	16%	18%	19%	20%	21%	25%	28%	30%	29%
Percent of dentists age 55 or older	44%	47%	49%	48%	50%	48%	44%	39%	35%
Percent of dentists age 60 or older	26%	30%	34%	34%	35%	35%	34%	30%	26%
Percent of dentists age 65 or older	10%	13%	17%	21%	21%	24%	21%	18%	15%
Average patient care hours per week	31	30	31	33	30	31	32	32	32
Total Full Time Equivalents (FTEs) *	269.8	271.6	281.2	290.8	290.1	289.7	298.3	297.0	281.5
Primary care:									
Full Time Equivalents (FTEs) *	221.6	217.7	229.0	238.4	240.1	242.7	246.0	243.1	231.0
FTEs per 100,000 population **	35.5	34.8	36.6	38.0	38.3	38.9	39.7	38.1	35.7
% accepting new patients	90%	92%	92%	90%	96%	96%	97%	94%	90%
% accepting new Medicaid patients	60%	65%	69%	63%	66%	60%	57%	46%	41%
Weeks wait for appt new patient	3.5	2.9	2.8	3.2	3.6	2.5	2.7	4.4	6.5
Percent working with dental hygienists	90%	91%	92%	93%	93%	94%	95%	94%	96%
% of FTEs in Chittenden County	30%	31%	31%	31%	32%	31%	33%	34%	33%
Specialty care:									
Full Time Equivalents (FTEs) *	48.2	53.9	52.1	52.4	50.0	46.9	52.3	53.9	50.5
FTEs per 100,000 population **	7.7	8.6	8.3	8.4	8.0	7.5	8.4	8.4	7.8
% accepting new patients	97%	99%	99%	91%	93%	100%	100%	95%	100%
Accepting new Medicaid patients	68%	67%	70%	68%	63%	60%	46%	50%	45%
% of FTEs in Chittenden County	44%	42%	41%	43%	48%	46%	48%	48%	45%

^{*} providing patient care in Vermont

^{**} population estimates for 2007-2009 revised after 2010 census

Vermont Dentists Demographic Characteristics

Table 1 -- VT Dentists, 2023 Summary of Active Dentists

TOTAL	368	(100%)					
Type of Practice:							
Primary Care Total	296	(80%)					
General Pediatric	283 13	(77%) (4%)					
Specialty Care Total	72	(20%)					
Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Public Health Other Specialties	17 15 21 11 3 4	(5%) (4%) (6%) (3%) (1%) (1%) (0%)					
Age groups:							
less than 35 35 - 39 40 - 44 45 - 49 50 - 54 55 - 59 60 - 64 65 - 69 70 and over	53 54 52 44 35 33 42 31 24	(14%) (15%) (14%) (12%) (10%) (9%) (11%) (8%) (7%)					
Gender:							
Male Female	225 126	(64%) (36%)					
Patient care hours:							
less than 30 hours/week 30 to 39 hours/week 40 or more hours/week	101 161 105	(27%) (44%) (29%)					
Number of practice sites:							
One Two Three or more	320 37 11	(87%) (10%) (3%)					
Tried to add an associate in past 2	Tried to add an associate in past 2 years:						
Yes, with success Yes, without success Interested but did not try Not interested Unknown	110 57 31 167 3	(30%) (16%) (8%) (46%)					

Table 2 -- VT Dentists, 2023

Age by Type of Practice and by Gender

	Total	Number in Age Group				
		<35	35-44	45-54	55-64	65+
TOTAL	368	53	106	79	75	55
MALES FEMALES	225 126	21 31	43 55	56 21	55 15	50 4
PRIMARY CARE	296	46	85	59	62	44
General Pediatric	283 13	44 2	80 5	57 2	59 3	43 1
SPECIALTY CARE	72	7	21	20	13	11
Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Public Health Other Specialties	17 15 21 11 3 4 1	2 1 2 1 1	2 7 5 3 1 3	7 4 6 2 1	4 1 5 3	4 1 4 1
	Total		Percent	in Age	Group	
		<35	35-44	45-54	55-64	65+
TOTAL	100%	14%	29%	21%	20%	15%
MALES FEMALES	100% 100%	9% 25%	19% 44%	25% 17%	24% 12%	22% 3%
PRIMARY CARE SPECIALTY CARE	100% 100%	16% 10%	29% 29%	20% 28%	21% 18%	15% 15%

See Note 1 regarding determination of ages.
17 dentists answered question on gender with "other", "prefer not to answer" or were missing a response - they are included in the primary and specialty care lines and totals, but not in the MALES/FEMALES lines.

Table 3 -- VT Dentists, 2023 Age by Type of Practice by Gender

Type of Practice	Total		Number	in Age	Group	
		<35	35-44	45-54	55-64	65+
TOTAL	368	53	106	79	75	55
MALES	225	21	43	56	55	50
PRIMARY CARE	177	18	31	43	46	39
General Pediatric	169 8	17 1	30 1	41 2	43 3	38 1
SPECIALTY CARE	48	3	12	13	9	11
Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Public Health	15 9 16 3 3	2 1	2 3 4 1 2	6 3 3 1	3 4 2	4 1 4 1
FEMALES	126	31	55	21	15	4
PRIMARY CARE	106	28	48	15	11	4
General Pediatric	101 5	27 1	44 4	15 •	11	4
SPECIALTY CARE	20	3	7	6	4	
Oral Surgery Endodontics Orthodontics Periodontics Public Health	1 5 5 7 2	2 1	3 1 2 1	1 3 2	1 1 1	

See Note 1 regarding determination of ages.
17 dentists answered question on gender with "other", "prefer not to answer" or were missing a response - they are included in the total line but not in the rest of the table.

Table 4 -- VT Dentists, 2023 Age by County

County	Total		Number	in Age	group	
		<35	35-44	45-54	55-64	65+
STATEWIDE TOTAL Total Primary Care Specialists	368 296 72	53 46 7	106 85 21	79 59 20	75 62 13	55 44 11
Addison County Primary Care Specialists	19 3	2	6 1	4 2	3 .	4
Bennington County Primary Care Specialists	17 5	2 1	5	2 2	4	4 2
Caledonia County Primary Care Specialists	15 2	1	4	5	5	1 1
Chittenden County Primary Care Specialists	96 32	13 3	30 7	23 8	19 8	11 6
Essex County Primary Care Specialists	1			1 .		
Franklin County Primary Care Specialists	19 1	7	2 1	3	4	3
Lamoille County Primary Care Specialists	11	3	2 .	5	:	1
Orange County Primary Care Specialists	7 1	· ·	1 1		5	1
Orleans County Primary Care Specialists	9	2	3 .	1	2	1
Rutland County Primary Care Specialists	25 5	4	8 1	5 1	5 3	3
Washington County Primary Care Specialists	30 7	9 1	8 2	5 2	4 2	4
Windham County Primary Care Specialists	19 10	3 1	5 5	3 4	5	3
Windsor County Primary Care Specialists	27 6	1	11 3	2 1	6	7 2

No dentist reported practicing in $Grand\ Isle\ County.$ Each dentist is counted once in this table in their main county of practice.

See Note 1 for a description of the calculation of ages.

Table 5a -- VT Dentists, 2023 Years in Clinical Practice

In Clinical Practice	Anyv	where	In Ve	cmont
Total less than a year 1 to 2 years 3 to 4 years 5 to 9 years 10 to 14 years 15 to 19 years 20 to 24 years 25 to 29 years 30 to 34 years 35 to 39 years 40 years or more	368 11 16 16 59 50 37 40 36 29 34 36	(3%) (4%) (4%) (16%) (14%) (10%) (11%) (10%) (8%) (9%) (10%)	368 26 42 29 61 51 33 36 26 22 22	(7%) (12%) (8%) (17%) (14%) (9%) (10%) (6%) (6%)
Unknown	4		1	
Median Years		17	11	

Table 5b -- VT Dentists, 2023 Race and Ethnicity

Race:

Asian Black or African American Native Hawaiian or Pacific Islander White Prefer to self-describe Prefer not to answer	26 9 1 288 5 38	(((7%) 3%) <1%) 79%) 1%) 10%)
Ethnicity:			
Hispanic, Latino/a, or Spanish	5	(1%)

Not Hispanic, Latino/a, or Spanish 330 (91%)
Prefer not to answer 29 (8%)

More than one race could be selected by an individual. None selected American Indian or Alaska Native. "Prefer to self-describe" includes five write-in responses. Missing data from one dentist on race and four on ethnicity.

Vermont Dentists

Distribution of Full Time Equivalents (FTEs)

Table 6 -- VT Dentists, 2021 Numbers of Dentists, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by County

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOT	'AL	368 281.5 11733	296 231.0 9531	72 50.5 2203
Addison Count	У	24 15.0 612	19 12.7 520	5 2.3 92
Bennington Co	unty	22 16.2 669	17 13.2 540	5 3.0 129
Caledonia Cou	nty	17 12.7 509	15 11.5 463	2 1.2 46
Chittenden Co	unty	132 97.9 4115	99 75.5 3141	33 22.5 974
Essex County		1 .8 32	1 .8 32	· ·
Franklin Coun	ty	24 16.7 674	21 15.3 620	3 1.4 54
Grand Isle Co	unty	· ·	· ·	· ·
Lamoille Coun	ty	13 8.8 384	11 8.2 356	2 .6 28
Orange County		9 6.5 265	8 6.5 263	1 .1 2
Orleans Count	У	11 6.3 264	10 6.2 260	1 .1 4
Rutland Count	У	35 24.9 1055	29 19.9 814	6 5.1 241
Washington Co	unty	45 31.6 1353	37 26.4 1111	8 5.2 243
Windham Count	У	31 19.8 822	20 15.3 616	11 4.6 205
Windsor Count	У	33 23.9 960	27 19.2 775	6 4.6 185

No dentist reported practicing in Grand Isle County. In this table dentists may be counted in more than one county (see Note 4).

Count FTEs Hours	PRIMARY CARE TOTAL	GENERAL	PEDIATRIC
STATEWIDE TOTAL	296 231.0 9531	283 221.1 9125	13 9.9 406
Addison County	19 12.7 520	17 10.7 430	2 2.0 90
Bennington County	17 13.2 540	17 13.2 540	
Caledonia County	15 11.5 463	15 11.5 463	
Chittenden County	99 75.5 3141	91 69.5 2902	8 6.0 238
Essex County	1 .8 32	1 .8 32	
Franklin County	21 15.3 620	21 15.3 620	
Grand Isle County		· ·	
Lamoille County	11 8.2 356	11 8.2 356	
Orange County	8 6.5 263	8 6.5 263	
Orleans County	10 6.2 260	9 5.9 250	1 .3 10
Rutland County	29 19.9 814	29 19.9 814	· ·
Washington County	37 26.4 1111	37 26.4 1111	· ·
Windham County	20 15.3 616	20 15.3 616	· ·
Windsor County	27 19.2 775	25 17.5 707	2 1.7 68

In this table dentists may be counted in more than one county (see Note $4)\,.$

Table 8 -- VT Dentists, 2023 Numbers of Specialty Care Dentists, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by County

Coun FTE Hour	s CARE	ORAL SURGERY	ENDO- DONTICS	ORTHO- DONTICS	PERIO- DONTICS	PROSTHO- DONTICS	OTHER
STATEWIDE TOTAL	72 50.5 2203	17 11.2 567	15 9.7 388	21 17.4 737	11 6.6 285	3 1.1 43	5 4.6 183
Addison County	5 2.3 92	$\begin{smallmatrix}1\\1.0\\40\end{smallmatrix}$	1 .5 20	3 .8 32	:	· ·	
Bennington County	5 3.0 129	2 .8 33		1 .6 24	1.6 72	· ·	
Caledonia County	1.2 46			1 .3 10		· ·	1 .9 36
Chittenden County	33 22.5 974	6 4.4 211	6 4.1 163	12 9.3 401	6 3.7 157	3 1.1 43	
Essex County	· ·			· ·	· ·	· ·	
Franklin County	3 1.4 54			3 1.4 54	· ·	· ·	
Grand Isle County	· ·					: :	
Lamoille County	2 .6 28	2 .6 28	•	· ·	· ·	:	
Orange County	.1 .1 2	· ·	•	· ·	.1 .2	:	
Orleans County	.1 .1 4	· ·	•	1 .1 4	· ·	· ·	
Rutland County	6 5.1 241	2 1.3 83	2 1.9 76	1 .9 36	1 1.0 45	:	
Washington County	8 5.2 243	3 2.0 104	3 1.4 56	2 1.8 83		· ·	· ·
Windham County	11 4.6 205	5 1.1 66	.1 .2	1 .4 16	1 .2 9	• •	3 2.8 112
Windsor County	6 4.6 185	1 .1 2	2 1.8 70	2 2.0 78			1 .9 35

No dentist reported practicing in Grand Isle County. In this table dentists may be counted in more than one county (see Note 4).

Table 9 -- VT Dentists, 2023
Primary Care Dentistry FTE to Population Ratios by County

County	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	231.0	647,464	35.7	2,803
Addison County Bennington County Caledonia County Chittenden County Essex County Franklin County Grand Isle County Lamoille County Orange County Orleans County Rutland County Washington County Windham County	12.7 13.2 11.5 75.5 .8 15.3 8.2 6.5 6.2 19.9 26.4 15.3 19.2	37,720 37,183 30,610 169,481 6,010 50,994 7,467 26,060 29,943 27,516 60,271 60,142 45,966 58,101	33.6 35.4 37.6 44.5 13.3 30.0 31.6 21.6 22.4 32.9 43.8 33.2 33.1	2,978 2,824 2,661 2,246 7,513 3,331 . 3,164 4,626 4,459 3,035 2,282 3,010 3,019

Only General and Pediatric dentists are included.

No dentist reported practicing in Grand Isle County.

Population estimates are for 2023 (see Note 7).

All worksites of each dentist are counted in this table (see Note 4). One FTE is defined as 40 (or more) hours/week, 48 weeks/year, in Vermont (see Note 22).

The FTEs are rounded to one decimal for display only.

The ratios were calculated using the unrounded values.

Table 10 -- VT Dentists, 2023 FTEs by Age by County

County	Total		FTEs	in Age	Group	
		<35	35-44	45-54	55-64	65+
STATEWIDE TOTAL Total Primary Care Specialists	281.5 231.0 50.5	45.3 38.8 6.5	84.7 71.2 13.6	59.7 46.2 13.6	60.3 48.4 11.9	31.4 26.5 4.9
Addison County Primary Care Specialists	12.7 2.3	1.8	5.0 .7	2.4 1.4	1.5	2.0
Bennington County Primary Care Specialists	13.2 3.0	1.7	3.4	1.8 1.2	3.4	2.9
Caledonia County Primary Care Specialists	11.5 1.2	.9	3.5	3.9	3.9	.3
Chittenden County Primary Care Specialists	75.5 22.5	10.7 2.8	25.1 4.7	18.0 5.3	14.9 7.2	6.8 2.5
Essex County Primary Care Specialists	.8		:	.8		
Franklin County Primary Care Specialists	15.3 1.4	5.8	1.7	2.7	3.3	1.9
Lamoille County Primary Care Specialists	8.2	2.0	1.9	4.0	3	. 4
Orange County Primary Care Specialists	6.5 .1		1.4		4.1	.9
Orleans County Primary Care Specialists	6.2	1.1	1.8	.5	2.0	.8 .1
Rutland County Primary Care Specialists	19.9 5.1	3.3	7.8	3.9 1.3	3.1 2.9	1.8
Washington County Primary Care Specialists	26.4 5.2	9.1 1.0	7.3 1.0	4.5 1.7	3.3 1.6	2.1
Windham County Primary Care Specialists	15.3 4.6	2.5	3.9 2.9	2.7	4.4	1.8
Windsor County Primary Care Specialists	19.2 4.6	.8	8.5 2.6	1.0	4.6	4.4 1.1

No dentist reported practicing in Grand Isle County. All worksites of each dentist are counted in this table (see Note 4). See Note 1 for a description of the calculation of ages.

Table 11 -- VT Dentists, 2023 Total FTEs by Practice Setting

Type of Practice	Total FTEs	FTEs in Setting							
		Solo Practice	Practice of 2 dentists	Practice of 3+ dentists	Community Clinic	Other Settings			
TOTAL	281.5	83.0	101.6	58.1	35.3	3.5			
PRIMARY CARE	231.0	65.3	85.5	44.0	32.9	3.3			
General Pediatric	221.1 9.9	65.3	81.5 4.0	38.4 5.7	32.7	3.3			
SPECIALTY CARE	50.5	17.8	16.1	14.1	2.4	. 2			
Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Public Health Other Specialties	11.2 9.7 17.4 6.6 1.1 3.7	4.7 3.5 6.0 3.6	4.8 4.3 5.4 .6	1.6 1.4 6.0 2.4 .9 .8	.1 .5 1.9	: : : : 2			

All worksites of each dentist are counted in this table (see Note 4).

Vermont Dentists

Training

Table 12 -- VT Dentists, 2023 Dental School Location by Type of Practice

Type of Practice	Total	Graduated f	ed from Dental School in Region				
		New England	Other Northeast	South	Central	West	Foreign
TOTAL	368	113	96	54	56	22	26
PRIMARY CARE	296	89	81	44	46	19	16
General Pediatric	283 13	85 4	77 4	43 1	43 3	19	15 1
SPECIALTY CARE	72	24	15	10	10	3	10
Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Public Health Other Specialties	17 15 21 11 3 4 1	3 8 9 4 •	5 2 4 1 3	2 3 4 1	4 2 3 1	1 1 1	2 1 1 3 2 1

The 'Total' column includes 1 dentist with unknown location of dental school. See Note 12 for definition of regions.

Table 13 -- VT Dentists, 2023 UVM Dental GPR Program Participation by Type of Practice

Type of Practice	Total	Ever Enro	lled in UV	M GPR Program
		Yes	No	Unknown
TOTAL	368	43	325	•
PRIMARY CARE	296	38	258	
General Pediatric	283 13	38	245 13	· ·
SPECIALTY CARE	72	5	67	
Oral Surgery Endodontics	17 15	2 2	15 13	
Orthodontics	21 11	1	20	•
Periodontics Prosthodontics	3	•	11 3	•
Public Health	4	•	4	•
Other Specialties	1	•	1	•

Vermont Dentists

Practice Characteristics

Table 14 -- VT Dentists, 2023 Practice Setting by Type of Practice, Age and Gender

Total Number in Setting Practice of Practice of Solo Community Other 2 dentists Practice 3+ dentists Clinic Settings TOTAL Type of Practice General Pediatric Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Public Health Other Specialties Age Group Younger than 35 35 - 44 45 - 54 55 - 59 60 - 64 65 or older Gender Male Female

Each dentist is counted once in each section of this table in their main practice setting. Seventeen dentists are not included in the Gender section.

Table 15 -- VT Dentists, 2023 Average Patient Care Hours per Week, by Type of Practice and Age

Type of Practice	No. of Dentists		Average Patient Care Hours per Week				
		All Ages	Age < 45	Age 45-59	Age 60+		
ALL PRACTICE TYPES	368	32	34	33	27		
PRIMARY CARE	296	32	35	32	28		
General Pediatric	283 13	32 31	35 30	32 31	28 40		
SPECIALTY CARE	72	31	30	34	25		
Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Other Specialties	17 15 21 11 3 5	33 26 35 26 14 37	33 30 36 21 5 37	38 22 39 25 36	24 4 28 34 2		

See Note 1 for a description of the calculation of ages.

Type of practice	Total Dentists	who v	ntists work with Hygienists	who w	ntists Work with Assistants	Expande	k with d Function Assistants		ng with
TOTAL	368	308	(84%)	346	(95%)	96	(27%)	52	(18%)
PRIMARY CARE	296	281	(96%)	278	(95%)	89	(32%)	48	(21%)
General	283	268	(95%)	265	(94%)	89	(33%)	46	(21%)
Pediatric	13	13	(100%)	13	(100%)	0	(0%)	2	(18%)
SPECIALTY CARE	72	27	(38%)	68	(96%)	7	(10%)	4	(7%)
Oral Surgery	17	2	(12%)	15	(88%)	0	(0%)	0	(0%)
Endodontics	15	2	(14%)	14	(100%)	0	(0%)	0	(0%)
Orthodontics	21	7	(33%)	20	(95%)	1	(5%)	1	(6%)
Periodontics	11	10	(91%)	11	(100%)	1	(9%)	1	(13%)
Prosthodontics	3	1	(33%)	3	(100%)	0	(0%)	0	(0%)
Public Health	4	4	(100%)	4	(100%)	4	(100%)	2	(67%)
Other Specialti	es 1	1	(100%)	1	(100%)	1	(100%)	0	(0%)

Practice Setting	Total Dentists	who	ntists work with Hygienists	who		Work with Expanded Function Dental Assistants	
Total	368	308	(84%)	346	(95%)	96 (27%)	52 (18%)
Solo Practice 2 Dentists 3+ Dentists Community Clinic All Others	98 130 82 47 11	75 112 70 45 6	(86%) (96%)	90 124 78 47 7	(97%) (96%)	17 (18%) 30 (24%) 23 (29%) 25 (53%) 1 (13%)	3 (4%) 25 (22%) 9 (16%) 13 (46%) 2 (22%)

This table counts dentists, not sites nor hygienists/assistants. Multiple dentists may work with the same hygienist/assistant(s). Dentists may work with hygienists/assistants in one site but not another. Three dentists did not report whether they work with hygienists/assistants.

Table 18 -- VT Dentists, 2023 Practice Availability by Type of Practice

Type of Practice	Total Dentists	Average Weeks Wait New Patient	Average Weeks Wait Current Patient
TOTAL OFFICE	358	6.3	3.5
PRIMARY CARE	288	6.5	3.4
General Pediatric	275 13	6.6 5.3	3.3 3.5
SPECIALTY CARE	70	4.9	4.0
Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Other Specialties	17 15 21 11 1 5	7.3 1.3 2.5 11.0 10.0 3.5	4.8 1.5 2.0 10.6 2.0 2.3

			t Any tients	Accept Patients		
Type of Practice	Total Dentists	Non- Medicaid	Medicaid	Non- Medicaid	Medicaid	Participate in Medicaid
		(%)	(%)	(%)	(%)	(%)
TOTAL OFFICE	358	92%	41%	74%	24%	64%
PRIMARY CARE	288	90%	41%	71%	22%	66%
General Pediatric	275 13	90% 100%	38% 100%	69% 100%	19% 92%	65% 100%
SPECIALTY CARE	70	100%	45%	92%	33%	52%
Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Other Specialties	17 15 21 11 1 5	100% 100% 100% 100% 100% 100%	69% 0% 65% 30% .% 50%	100% 86% 95% 88% 100% 50%	62% 0% 45% 10% .% 50%	76% 7% 67% 30% .% 75%

Dentists were asked if they accept accept new Medicaid and non-Medicaid patients, and whether they participate in Medicaid, for each site where they practice. In this table each dentist is only counted once. Weeks wait is the minimum in all of that dentist's sites, and a dentist is counted as accepting new patients if they accept new patients at any of their sites.

Data are for office settings only (see Note 11). Prosthodontics excluded from acceptance of Medicaid. Denominators for percentages do not include unknowns (31 for wait time, 10 for Medicaid participation). Denominator for accepting new Medicaid patients includes those not participating. See Note 10 for information about practice availability.

Table 19 -- VT Dentists, 2023 Practice Availability by County

		Accept Any New Patients		Accept 5+ New Patients / Month		Average	Average	
County	Total Offices	Non- Medicaid	Medicaid	Non- Medicaid	Medicaid	Weeks Wait New Patient	Weeks Wait Current Patient	
		(%)	(%)	(%)	(%)			
STATEWIDE TOTAL Primary Care Specialists	329 91	89% 100%	39% 53%	69% 93%	21% 44%	6.6 4.3	3.5 3.6	
Addison County Primary Care Specialists	18 5	75% 100%	41% 75%	63% 100%	35% 75%	3.9 1.5	3.8 1.2	
Bennington County Primary Care Specialists	19 6	82% 100%	18% 20%	76% 60%	12% 20%	6.3 3.7	3.4 2.8	
Caledonia County Primary Care Specialists	15 2	67% 100%	57% 100%	53% 100%	43% 0%	6.7 2.0	3.7 2.0	
Chittenden County Primary Care Specialists	113 38	95% 100%	44% 61%	81% 100%	23% 47%	7.0 5.0	2.7 4.7	
Essex County Primary Care	1	100%	100%	100%	100%	26.0	12.0	
Franklin County Primary Care Specialists	21	95% 100%	45% 100%	86% 100%	30% 100%	6.3 1.0	4.6	
Lamoille County Primary Care Specialists	11 2	80% 100%	36% 100%	40% 100%	9% 100%	9.2 14.0	5.7 10.0	
Orange County Primary Care Specialists	8 1	88% 100%	25% 0%	50% 100%	13% 0%	6.1 5.0	3.6 5.0	
Orleans County Primary Care Specialists	10 1	89% 100%	78% 100%	56% 100%	22% 100%	5.4 1.0	3.7 1.0	
Rutland County Primary Care Specialists	29 6	81% 100%	33% 20%	67% 100%	19% 20%	6.6 9.0	4.4 3.4	
Washington County Primary Care Specialists	39 9	89% 100%	33% 43%	53% 100%	14% 43%	5.8 2.4	3.7 2.6	
Windham County Primary Care Specialists	20 11	95% 100%	25% 56%	70% 78%	15% 44%	5.7 3.7	2.6 2.5	
Windsor County Primary Care Specialists	25 7	88% 100%	28% 0%	60% 75%	16% 0%	7.2 1.8	3.8 2.0	

No dentist reported practicing in Grand Isle County.

Data are for office settings only (see Note 11). Each site a dentist practices in is counted separately. 23 missing acceptance of patients and 30 missing weeks wait. Denominators for percentages do not include unknowns.

See Note 10 for information about practice availability.

Table 20 -- VT Dentists, 2023
Tried to Recruit a Dentist
by Type of Practice, Age, and Setting

	Tried to Recruit a Dentist			Did Not Try		
	Total	Success	No Success	Interested	No interest	
TOTAL	368	110	57	31	167	
Type of Practice						
General Pediatric Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Public Health Other Specialties	283 13 17 15 21 11 3 4	85 8 3 4 3 1 2	43 5 4 4	24 1 1 4 1	129 4 9 10 9 3 2 1	
Age Group						
Younger than 35 35 - 44 45 - 54 55 - 59 60 - 64 65 or older	53 106 79 33 42 55	20 38 24 12 8	5 15 16 8 13	4 8 7 4 5 3	23 44 31 17 21 31	
Main Setting						
Solo Practice 2 Dentists 3+ Dentists Community Clinic Volunteer Clinic Nursing Home Hospital Other	98 130 82 47 1 2 1	1 35 46 28	15 22 12 8	16 11 4	65 62 19 10 1 2 1 7	

The survey asked "have you tried to recruit a dentist to your practice during the last two years?" and allowed the following answers:

The survey did not ask, and this table does not report, the number of dentists recruited. Multiple dentists in the same practice may be reporting the recruitment of the same dentist.

Yes - with success

Yes - without success

No, but I would like to recruit a dentist

No, not interested or not applicable

^{&#}x27;Total' column includes 3 dentists missing data on recruiting a dentist.

Table 21 -- VT Dentists, 2023 Tried to Recruit a Dentist, by County

Did Not Try Tried to Recruit a Dentist Main County Total Success No Success Interested No Interest STATEWIDE TOTAL Primary Care 296 93 43 25 133 Specialists 72 17 14 6 34 Addison County Primary Care 19
Specialists 3 3 2 2 12 1 2 Bennington County Primary Care 17 Specialists 5 5 4 4 Caledonia County Primary Care Specialists 1 5 8 1 Chittenden County Primary Care Specialists 96 39 12 3 32 5 15 Essex County Primary Care 1 1 Franklin County Primary Care 19 Specialists Lamoille County Primary Care 11 2 5 4 Orange County Primary Care 7 2 4 Specialists 1 Orleans County Primary Care 9 5 4 Rutland County Primary Care 25 9 8 2 Specialists 2 Washington County Primary Care 30 Specialists 7 30 8 2 2 17 1 5 Windham County Primary Care 19 Specialists 10 3 11

No dentist reported practicing in Grand Isle County. The survey did not ask, and this table does not report, the number of dentists recruited. Multiple dentists in the same practice may be reporting the same dentist recruited - or same lack of success. 'Total' column includes 3 dentists missing data on recruiting a dentist

3

Windsor County

Primary Care 27 Specialists 6

3

14 5

3

Distribution of Vermont Dentists by Hospital Service Areas

Table 22 -- VT Dentists, 2021 Numbers of Dentists, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by Hospital Service Area

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTA	AL	368 281.5 11733	296 231.0 9531	72 50.5 2203
Barre		45 31.6 1353	37 26.4 1111	8 5.2 243
Bennington		23 16.9 699	18 13.9 570	5 3.0 129
Brattleboro		27 16.2 678	16 11.7 472	11 4.6 205
Burlington		133 98.8 4149	100 76.3 3175	33 22.5 974
Middlebury		24 15.0 612	19 12.7 520	5 2.3 92
Morrisville		16 11.2 482	14 10.6 454	2 .6 28
Newport		12 7.1 296	11 7.0 292	1 .1 4
Randolph		5 3.0 122	4 2.9 120	1 .1 2
Rutland		35 24.9 1055	29 19.9 814	6 5.1 241
Springfield		15 12.2 492	13 10.4 419	1.8 73
St. Albans		24 16.7 674	21 15.3 620	3 1.4 54
St. Johnsbury		13 9.4 377	11 8.3 331	2 1.2 46
White River Jo	ct	25 18.1 725	21 15.3 613	4 2.8 112

Dentists may be counted in more than one HSA (see Note 4).

Table 23 -- VT Dentists, 2023 FTEs by Age by Hospital Service Area

	Hospital rvice Area	Total	FTEs in Age Group				
			<35	35-44	45-54	55-64	65+
STATEW	IDE TOTAL Total Primary Care Specialists	281.5 231.0 50.5	45.3 38.8 6.5	84.7 71.2 13.6	59.7 46.2 13.6	60.3 48.4 11.9	31.4 26.5 4.9
Barre	Primary Care Specialists	26.4 5.2	9.1 1.0	7.3 1.0	4.5 1.7	3.3 1.6	2.1
Bennin	gton Primary Care Specialists	13.9 3.0	1.7 1.0	4.1	1.8	3.4	2.9
Brattl	eboro Primary Care Specialists	11.7 4.6	2.5	3.2 2.9	.9	3.4	1.8
Burlin	gton Primary Care Specialists	76.3 22.5	10.7	25.9 4.7	18.0 5.3	14.9 7.2	6.8 2.5
Middle	bury Primary Care Specialists	12.7 2.3	1.8	5.0 .7	2.4 1.4	1.5	2.0
Morris	ville Primary Care Specialists	10.6 .6	2.0	2.7	4.7	.8	. 4
Newpor	t Primary Care Specialists	7.0 .1	1.1	1.8	1.3	2.0	.8 .1
Randol	ph Primary Care Specialists	2.9	· ·	.4		2.5	
Rutlan	d Primary Care Specialists	19.9 5.1	3.3	7.8 .9	3.9 1.3	3.1 2.9	1.8
Spring	field Primary Care Specialists	10.4		3.5	2.1 1.0	2.9	1.9
St. Al	bans Primary Care Specialists	15.3 1.4	5.8	1.7	2.7	3.3	1.9
St. Jo	hnsbury Primary Care Specialists	8.3 1.2	. 9	1.8	3.1	3.1	.3
White	River Jct Primary Care Specialists	15.3 2.8	.8	6.0 1.8	.8	4.3	3.4 1.1

All worksites of each dentist are counted in this table (see Note 4). See Note 1 for a description of the calculation of ages.

Table 24 -- VT Dentists, 2023
Primary Care Dentistry FTE to Population Ratios
by Hospital Service Area

HSA	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	231.0	647,464	35.7	2,803
Barre Bennington Brattleboro Burlington Middlebury	26.4 13.9 11.7 76.3 12.7	68,397 40,784 33,899 190,036 29,256	38.5 34.1 34.4 40.2 43.3	2,595 2,931 2,906 2,490 2,310
Morrisville Newport Randolph	10.6 7.0 2.9	27,643 28,145 14,544 60,957	38.4 24.8 20.2	2,605 4,038 4,956
Rutland Springfield St. Albans St. Johnsbury White River Jct	19.9 10.4 15.3 8.3 15.3	28,423 46,936 27,831 50,613	32.6 36.4 32.6 29.7 30.2	3,070 2,745 3,066 3,362 3,312

Only General and Pediatric dentists are included.

Population estimates are for 2023 (see Note 7).

All worksites of each dentist are counted in this table (see Note 4).

One FTE is defined as 40 (or more) hours/week, 48 weeks/year, in Vermont (see Note 22).

The FTEs are rounded to one decimal for display only. The ratios were calculated using the unrounded values.

Table 25 -- VT Dentists, 2023 Practice Availability by Hospital Service Area

		Accept New Pat		Accept 5+ New Patients / Month				Average	Average
Hospital Service Area	Total Offices	Non- Medicaid	Medicaid	Non- Medicaid	Medicaid		Weeks Wait Current Patient		
		(%)	(%)	(%)	(%)				
STATEWIDE TOTAL Primary Care Specialists	329 91	89% 100%	39% 53%	69% 93%	21% 44%	6.6 4.3	3.5 3.6		
Barre Primary Care Specialists	39 9	89% 100%	33% 43%	53% 100%	14% 43%	5.8 2.4	3.7 2.6		
Bennington Primary Care Specialists	20 6	83% 100%	17% 20%	72% 60%	11% 20%	6.7 3.7	3.3		
Brattleboro Primary Care Specialists	16 11	94% 100%	31% 56%	69% 78%	19% 44%	5.8 3.7	2.8 2.5		
Burlington Primary Care Specialists	114 38	95% 100%	44% 61%	82% 100%	23% 47%	7.1 5.0	2.7 4.7		
Middlebury Primary Care Specialists	18 5	75% 100%	41% 75%	63% 100%	35% 75%	3.9 1.5	3.8 1.2		
Morrisville Primary Care Specialists	14 2	62% 100%	36% 100%	31% 100%	14% 100%	9.2 14.0	6.4 10.0		
Newport Primary Care Specialists	11 1	90% 100%	80% 100%	60% 100%	30% 100%	8.0 1.0	4.5 1.0		
Randolph Primary Care Specialists	4 1	100% 100%	25% 0%	100% 100%	25% 0%	3.8 5.0	1.8 5.0		
Rutland Primary Care Specialists	29 6	81% 100%	33% 20%	67% 100%	19% 20%	6.6 9.0	4.4 3.4		
Springfield Primary Care Specialists	12 3	83% 100%	25% 0%	83% 100%	25% 0%	3.6 3.0	2.5 4.0		
St. Albans Primary Care Specialists	21 3	95% 100%	45% 100%	86% 100%	30% 100%	6.3	4.6		
St. Johnsbury Primary Care Specialists	11 2	82% 100%	70% 100%	64% 100%	50% 0%	6.1 2.0	2.1 2.0		
White River Jct Primary Care Specialists	20 4	90% 100%	25% 0%	40% 67%	5% 0%	8.8 1.3	4.6 1.5		

Data are for office settings only (see Note 11). Each site a dentist practices in is counted separately. Denominators for percentages do not include unknowns (30 missing weeks wait and 23 missing acceptance of patients). See Note 10 for information about practice availability.

Distribution of Vermont Dentists by Local Health Districts

Table 26 -- VT Dentists, 2023 Numbers of Dentists, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by Local Health District

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTA	AL	368 281.5 11733	296 231.0 9531	72 50.5 2203
Barre		45 31.6 1353	37 26.4 1111	8 5.2 243
Bennington		22 16.2 669	17 13.2 540	5 3.0 129
Brattleboro		28 17.0 708	17 12.4 502	11 4.6 205
Burlington		132 97.9 4115	99 75.5 3141	33 22.5 974
Middlebury		24 15.0 612	19 12.7 520	5 2.3 92
Morrisville		17 12.0 516	15 11.5 488	2 .6 28
Newport		12 7.1 296	11 7.0 292	.1 .1 4
Rutland		35 24.9 1055	29 19.9 814	6 5.1 241
Springfield		15 12.2 492	13 10.4 419	2 1.8 73
St. Albans		24 16.7 674	21 15.3 620	3 1.4 54
St. Johnsbury		13 9.4 377	11 8.3 331	1.2 46
Wht Rvr Jct		30 21.1 847	25 18.2 733	5 2.9 114

In this table dentists may be counted in more than one district (see Note 4).

Table 27 -- VT Dentists, 2023 FTEs by Age by Local Health District

District	Total		FTEs	in Age	Group	
		<35	35-44	45-54	55-64	65+
STATEWIDE TOTAL Total Primary Care Specialists	281.5 231.0 50.5	45.3 38.8 6.5	84.7 71.2 13.6	59.7 46.2 13.6	60.3 48.4 11.9	31.4 26.5 4.9
Barre Primary Care Specialists	26.4 5.2	9.1 1.0	7.3 1.0	4.5 1.7	3.3 1.6	2.1
Bennington Primary Care Specialists	13.2 3.0	1.7 1.0	3.4	1.8 1.2	3.4	2.9
Brattleboro Primary Care Specialists	12.4 4.6	2.5	3.9 2.9	. 9	3.4	1.8
Burlington Primary Care Specialists	75.5 22.5	10.7 2.8	25.1 4.7	18.0 5.3	14.9 7.2	6.8 2.5
Middlebury Primary Care Specialists	12.7 2.3	1.8	5.0 .7	2.4 1.4	1.5	2.0
Morrisville Primary Care Specialists	11.5 .6	2.0	3.5	4.7	.8	. 4
Newport Primary Care Specialists	7.0 .1	1.1	1.8	1.3	2.0	.8 .1
Rutland Primary Care Specialists	19.9 5.1	3.3	7.8	3.9 1.3	3.1 2.9	1.8
Springfield Primary Care Specialists	10.4 1.8		3.5	2.1	2.9	1.9
St. Albans Primary Care Specialists	15.3 1.4	5.8	1.7	2.7	3.3	1.9
St. Johnsbury Primary Care Specialists	8.3 1.2	.9	1.8	3.1	3.1	.3
Wht Rvr Jct Primary Care Specialists	18.2 2.9	.8	6.4 1.8	.8	6.8	3.4 1.1

All worksites of each dentist are counted in this table (see Note 4). See Note 1 for a description of the calculation of ages.

Table 28 -- VT Dentists, 2023
Primary Care Dentistry FTE to Population Ratios
by Local Health District

District	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	231.0	647,464	35.7	2,803
Barre	26.4	67,446	39.1	2,559
Bennington	13.2	37,183	35.4	2,824
Brattleboro	12.4	38,142	32.5	3,072
Burlington	75.5	169,453	44.5	2,246
Middlebury	12.7	37,566	33.7	2,966
Morrisville	11.5	32,283	35.5	2,816
Newport	7.0	28,145	24.8	4,038
Rutland	19.9	60,453	32.8	3,044
Springfield	10.4	34,044	30.4	3,288
St. Albans	15.3	58,461	26.2	3,818
St. Johnsbury	8.3	34,303	24.1	4,144
Wht Rvr Jct	18.2	49,985	36.4	2,744

Only General and Pediatric dentists are included.

Population estimates are for 2023 (see Note 7).

All worksites of each dentist are counted in this table (see Note 4).

One FTE is defined as 40 (or more) hours/week, 48 weeks/year, in Vermont (see Note 22).

The FTEs are rounded to one decimal for display only. The ratios were calculated using the unrounded values.

Table 29 -- VT Dentists, 2023 Practice Availability by Local Health District

					Accept 5+ New Patients / Month		Average
District	Total Offices	Non- Medicaid	Medicaid	Non- Medicaid	Medicaid	Average Weeks Wait New Patient	Weeks Wait Current Patient
		(%)	(%)	(%)	(%)		
STATEWIDE TOTAL Primary Care Specialists	329 91	89% 100%	39% 53%	69% 93%	21% 44%	6.6 4.3	3.5 3.6
Barre Primary Care Specialists	39 9	89% 100%	33% 43%	53% 100%	14% 43%	5.8 2.4	3.7 2.6
Bennington Primary Care Specialists	19 6	82% 100%	18% 20%	76% 60%	12% 20%	6.3 3.7	3.4 2.8
Brattleboro Primary Care Specialists	17 11	94% 100%	29% 56%	65% 78%	18% 44%	6.2 3.7	2.7
Burlington Primary Care Specialists	113 38	95% 100%	44% 61%	81% 100%	23% 47%	7.0 5.0	2.7 4.7
Middlebury Primary Care Specialists	18 5	75% 100%	41% 75%	63% 100%	35% 75%	3.9 1.5	3.8 1.2
Morrisville Primary Care Specialists	15 2	64% 100%	33% 100%	36% 100%	13% 100%	9.6 14.0	6.3 10.0
Newport Primary Care Specialists	11 1	90% 100%	80% 100%	60% 100%	30% 100%	8.0 1.0	4.5 1.0
Rutland Primary Care Specialists	29 6	81% 100%	33% 20%	67% 100%	19% 20%	6.6 9.0	4.4 3.4
Springfield Primary Care Specialists	12 3	83% 100%	25% 0%	83% 100%	25% 0%	3.6 3.0	2.5 4.0
St. Albans Primary Care Specialists	21 3	95% 100%	45% 100%	86% 100%	30% 100%	6.3 1.0	4.6
St. Johnsbury Primary Care Specialists	11 2	82% 100%	70% 100%	64% 100%	50% 0%	6.1 2.0	2.1
Wht Rvr Jct Primary Care Specialists	24 5	92% 100%	25% 0%	50% 75%	8% 0%	7.9 2.3	4.1 2.2

Data are for office settings only (see Note 11). Each site a dentist practices in is counted separately. Denominators for percentages do not include unknowns (30 missing weeks wait and 23 missing acceptance of patients). See Note 10 for information about practice availability.

Vermont Dentists

Comparisons Between 2013, 2021 and 2023

Table 30 -- VT Dentists, 2021 and 2023 Summary of Active Dentists, 2021 vs. 2023

	2021	2023	Ch	ange
TOTAL	393	368	-25	-6%
Type of Practice:				
Primary Care Total	315	296	-19	-6%
General Pediatric	301 14	283 13	-18 -1	-6% -7%
Specialty Care Total	78	72	-6	-8%
Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Public Health Other Specialties	20 13 25 12 5 1 2	17 15 21 11 3 4 1	-3 +2 -4 -1 -2 +3	+15% -16% -8% -40% +300%
Age groups:				
Younger than 35 35 - 39 40 - 44 45 - 49 50 - 54 55 - 59 60 - 64 65 and older	62 55 46 47 30 37 46 70	53 54 52 44 35 33 42 55	-9 -1 +6 -3 +5 -4 -4	-6% +17% -11% -9%
Gender:				
Male Female	268 124	225 126	-43 +2	-16% +2%
Patient care hours:				
40 or more hours/week 30 to under 40 hours/week Less than 30 hours/week	118 156 118	105 161 101	-13 +5 -17	+3%
Number of practice sites:				
One Two Three or more	332 47 14	320 37 11	-12 -10 -3	
Tried to add an associate:				
Yes, with success Yes, without success Interested but did not try Not interested Unknown	117 56 36 178 6	110 57 31 167 3	-7 +1 -5 -11 -3	+2% -14% -6%

Table 31 -- VT Dentists, 2021 and 2023 Full Time Equivalents (FTEs) by County

PRIMARY CARE:

	2021	2023	Change
STATE TOTAL	243.1	231.0	-12.1
Addison County Bennington County Caledonia County Chittenden County Essex County Grand Isle County Franklin County Lamoille County Orange County Orleans County Rutland County Washington County Windham County	12.1 15.7 10.1 81.9 1.1 13.9 9.3 7.4 7.5 21.7 23.0 19.2 20.1	12.7 13.2 11.5 75.5 .8 .15.3 8.2 6.5 6.2 19.9 26.4 15.3 19.2	+.6 -2.5 +1.4 -6.43 . +1.4 -1.19 -1.3 -1.8 +3.4 -3.99

SPECIALTY CARE:

	2021	2023	Change
STATE TOTAL	53.9	50.5	-3.4
Addison County Bennington County Caledonia County Chittenden County Essex County Franklin County Grand Isle County Lamoille County Orange County Orleans County Rutland County Washington County	1.7 3.9 .3 26.0 1.7 .6 .1 .2 5.5 7.0 2.7	2.3 3.0 1.2 22.5 1.4 .6 .1 .1 5.1 5.2 4.6	+.6 9 +.9 -3.5 3 1 1 4 -1.8 +1.9
Windsor County	4.4	4.6	+.2

Table 32 -- VT Dentists, 2021 and 2023 Full Time Equivalents (FTEs) of Dentists Who Stopped or Started Vermont Practice Between 2021 and 2023, by Type and by County

	Change in EFF	FTEs of those	:	
Type of Practice	Change in FTEs of those who stayed	Stopped Practice	Started Practice	Net Change in FTEs
TOTAL	-10.1	55.2	49.8	-15.5
By type of practice	:			
General Pediatric Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Public Health Other Specialties	-7.6 1 5 -1.1 .2 8 .1	43.6 .4 1.1 1.8 2.1 2.2 2.0 .8 1.9	38.5 1.2 .2 2.0 1.5 2.4	-12.8 .7 -1.4 9 5 6 -1.9 2.9 -1.0
By County:				
Addison Bennington Caledonia Chittenden Essex Franklin	1.1 8 .4 -4.1 .0	2.0 5.2 2.1 23.6 .3 4.0	2.1 2.6 4.1 17.8	1.2 -3.4 2.3 -9.9 3 1.1
Grand Isle Lamoille Orange Orleans Rutland Washington Windham Windsor	3 4 1 -1.3 3 .0	2.6 .9 3.4 7.4 6.2 7.3 5.6	1.7 .4 2.2 6.4 8.0 5.3 5.0	-1.1 9 -1.4 -2.3 1.5 -2.0 6

All dentists are included (primary and specialty care). All worksites of each dentist are counted in this table (see Note 4). FTEs in "Stopped Practice" column are from 2021 survey. FTEs in "Started Practice" column are from 2023 survey. "STATEWIDE" row ignores inter-county movements. County numbers therefore do not add up to the statewide number.

One FTE is defined as 40 (or more) hours/week, 48 weeks/year, in Vermont (see Note 22).

Table 33 -- VT Dentists, 2013 and 2023 Summary of Active Dentists, 2013 vs. 2023

	2013	2023	Ch	ange
TOTAL	369	368	-1	-0%
Type of Practice:				
Primary Care Total	298	296	-2	-1%
General Pediatric	286 12	283 13	-3 +1	-1% +8%
Specialty Care Total	71	72	+1	+1%
Oral Surgery Endodontics Orthodontics Periodontics Prosthodontics Public Health Other Specialties	23 11 24 10 1	17 15 21 11 3 4 1	-6 +4 -3 +1 +2	+36% -13% +10%
Age groups:				
Younger than 35 35 - 39 40 - 44 45 - 49 50 - 54 55 - 59 60 - 64 65 and older	42 33 37 32 47 51 51	53 54 52 44 35 33 42 55	+11 +21 +15 +12 -12 -18 -9 -21	+64% +41% +38% -26% -35%
Gender:				
Male Female	291 78	225 126	-66 +48	
Patient care hours:				
40 or more hours/week 30 to under 40 hours/week Less than 30 hours/week	84 204 81	105 161 101	+21 -43 +20	-21%
Number of practice sites:				
One Two Three or more	313 45 11	320 37 11	+7 -8 0	
Tried to add an associate:				
Yes, with success Yes, without success Interested but did not try Not interested Unknown	84 36 26 220 3	110 57 31 167 3	+26 +21 +5 -53	+58% +19%

Table 34 -- VT Dentists, 2013 and 2023 Full Time Equivalents (FTEs) by County

PRIMARY CARE:

	2013	2023	Change
STATE TOTAL	238.4	231.0	-7.4
Addison County Bennington County Caledonia County Chittenden County Essex County Franklin County Grand Isle County Lamoille County Orange County Orleans County Rutland County Washington County Windham County Windsor County	9.7 12.8 11.9 73.8 .8 15.1 .8 9.2 7.4 6.6 29.1 22.0 19.9 19.3	12.7 13.2 11.5 75.5 .8 15.3 8.2 6.5 6.2 19.9 26.4 15.3 19.2	+3.0 +.4 4 +1.7 -1.0 9 4 -9.2 +4.4 -4.6 1
SPECIALTY CARE:	2013	2023	Change

	2013	2023	Change
STATE TOTAL	52.4	50.5	-1.9
Addison County Bennington County Caledonia County Chittenden County Essex County Franklin County Grand Isle County Lamoille County Orange County	1.8 5.2 .6 22.6 1.8	2.3 3.0 1.2 22.5 1.4 .6	+.5 -2.2 +.6 1 4
Orleans County Rutland County Washington County Windham County Windsor County	.7 7.2 5.3 1.2 5.6	.1 5.1 5.2 4.6 4.6	6 -2.1 1 +3.4 -1.0

Appendices

Appendix A. General Notes and Terms

Definition of Active Dentist

A dentist who relicensed (in September 2023) for the period 2023-2025 in Vermont, and who provided at least two patient care hours per week in Vermont on average as reported in the survey, is considered an active dentist. Only *active* dentists are reported. Those who hold a Vermont license but are not actively in practice in Vermont are excluded from all tables.

Type of Practice

Dentists reported their type of practice using a list of predefined options that were provided on the survey form in question 2 (see Appendix C). Only general and pediatric dentistry were considered "primary care" in this report.

General Practitioner – includes general practice and family practice;

Oral and maxillofacial surgery;

Endodontics;

Orthodontics;

Pediatric dentistry - includes only those dentists certified as pediatric dentists;

Periodontics;

Prosthodontics;

Public Health; and

Other – dentists not included in the above types of primary practice.

Practice Setting

The practice setting is the context in which patient care is given. Practice settings were reported on pages 3-4 of the survey instrument (see Appendix C) and were categorized in the following way for presentation in some of the tables:

Solo practice:

Practice of 2 dentists;

Practice of 3 or more dentists;

Community Clinic; and

Other setting – all other settings.

Main setting

Main setting is the practice setting in which the dentist provides the greatest number of patient care hours.

Hospital Service Areas

Hospital Service Areas (HSAs) in this report are as redefined in 2004, based on inpatient discharges where the diagnosis indicates the need for immediate care, for the years 1997-2001. Unlike versions prior to 2004, all Vermont towns have been assigned to a Vermont HSA. The name of each HSA is based on the most populous town in that service area. For a map of these HSAs see Appendix E.

Definition of Full Time Equivalent (FTE)

Full time is defined as 40 (or more) patient care hours (in Vermont) per week, 48 weeks per year. A dentist reporting more than 40 hours per week is defined as *one* FTE regardless of the number of hours. See the following examples:

		<u>Hours</u>	<u>FTE</u>
Example 1:	Site 1	10	0.25
	Site 2	10	0.25
	Total	20	0.50
Example 2:	Site 1	20	0.50
•	Site 2	20	0.50
	Total	40	1.00
Example 3:	Site 1	35	0.50
	Site 2	35	0.50
	Total	70	1.00

In the first example, the dentist works half-time and has hours split equally between site 1 and 2. The pattern is the same in Example 2, except the hours total 40 for 1.0 FTE. In the third example the dentist spends 70 hours per week in patient care. This is calculated as 1.0 FTE total, and 0.5 FTE for each of the 35 weekly hours spent on site 1 and 2 care.

Main County (or local health district or health care area)

Main county is the county in which the dentist practices the greatest number of patient care hours. In case of a tie, with the same number of hours in two counties, the county that is first in alphabetical order is chosen. Similarly for other geographical areas.

Numerical precision

Most numbers are displayed in finite precision in that they are individually rounded. Thus, some rows or columns of numbers may not add exactly to the displayed total (to the last, rightmost digit). This applies to FTEs, percentages and hours, for example, whether the numerals displayed are decimal or whole numbers. Counts of dentists are exact integers, however, and should add up to displayed totals.

Tables displaying each dentist in a single cell vs. multiple-count tables

Most of the tables contain information that is individual-based (e.g., age, sex, and years in practice). Each dentist is represented in only one cell in the table. Those with more than one practice site or setting, are counted only in the row and column representing their practice type, main setting, or main practice location.

Other tables may have some dentists counted in more than one row or column, if they work in more than one site, and thus the numbers in the "total" row or column may be less than the sum of the rows or columns. Wherever this is the case, it is stated in the notes specific to that table.

Appendix B.

Notes for specific tables (referred to by number)

1. Calculation of Age

Age was calculated as 2023 minus the year of birth. Ages in earlier years, referred to in some tables, are as of those earlier times.

(Notes 2 and 3 skipped intentionally)

4. Notes regarding tables listing provider Full Time Equivalents (FTE) and Hours by County (or district, or other areas):

These tables count each provider who provides care in that county or area. The same provider may be counted in more than one area.

Because of this inclusive approach taken in tallying providers across their practice locations, the numbers in the "Total" rows and "Total" columns will generally be less than the sum of the individual rows and columns. This applies, for example, to the state totals, which will be less than the sum of the county-level counts. Unlike the totals for the counts of providers, however, the numbers listed in the "Total" rows and "Total" columns for the "FTE" and "Hours" statistics *do* equal the sums of the individual items (except for rounding error).

(Notes 5 and 6 skipped intentionally)

7. Population Estimates

Population estimates are for July 2023 and were provided by the Department of Health. These estimates are a slightly modified version of the Census Bureau estimates.

(Note 8 skipped intentionally)

9. "Main" Setting, and "Main" County or district determined independently

Each provider's main practice setting and main county or district of practice are determined independently and are used to determine the row and column in the table in which the provider will be counted.

10. Notes regarding Availability of Care

The survey form allowed the provider to answer the "availability" questions (e.g., whether they accept new patients) separately for each site. In the past, in the tables about availability of care, the unit of counting was neither the provider nor the site, but rather the provider - site association. In this report, that is still true for the tables reporting availability by areas (Tables 19, 25, and 29), but the table reporting availability by type of practice (Table 18) counts each provider only once.

Dentists were not asked about Medicare patients, since Medicare does not cover dental care. Prosthodontics are excluded from reported acceptance of Medicaid patients, since Medicaid does not cover prosthodontic care.

Weeks wait for appointment were considered unknown if reported as 40 or more weeks, or equal to the weeks worked per year.

11. Office settings only

Only office settings are counted. Included are private practices (both solo and group) and community health centers. Volunteer work is not counted here.

12. Geographical Regions

States were grouped into the following regions:

Northeast:

New England: ME, NH, VT, MA, CT, RI

Other Northeast: NY, NJ, PA

South:

South Atlantic: DE, MD, DC, VA, WV, NC, SC, GA, FL

East South Central: KY, TN, AL, MS West South Central: AR, OK, LA, TX

North Central:

East North Central: OH, IN, IL, MI, WI

West North Central: MN, IA, MO, ND, SD, NE, KS

West:

Mountain: MT, WY, CO, NM, ID, UT, AZ, NV

Pacific: WA, OR, CA, AK, HI

(Notes 13 through 21 skipped intentionally)

22. Patient Care Hours

"Full Time" is defined here as 40 (or more) hours of direct patient care per week in Vermont for 48 weeks per year. Average weekly hours based on 48 weeks per year were computed for providers who worked more or less than 48 weeks per year.

Appendix C: Copy of Vermont Dentists Census 2023

Identification	
1) First Name*	
2) Middle Name (if any)	
3) Last Name*	
4) Vermont Dentist License Number*	
Education & Training	
5) What is your dental degree related to this license? () Doctor of Dental Surgery (DDS) () Doctor of Dental Medicine (DMD) () Other (please specify):	*
6) In what state did you complete your degree related to this license?	
7) If completed outside the U.S. please specify country:	
8) What is the name of the school where you graduated with your degree related to t license?	this
9) Which specialty are you certified in? () General practitioner () Periodontics () Oral and Maxillofacial Surgery () Prosthodontics () Endodontics () Public Health () Orthodontics () Pediatric Dentistry	

() Other (please specify):	*
10) Have you ever enrolled in the FAHC/UVM dental residency program? () Yes () No	
License & Practice	
11) In what year did you first start working as a Dentist?	
12) In what state(s) (other than Vermont) do you hold an active license? (If you work remotely and are licensed in many states, leave blank.)	
13) What is your employment status as a dentist? (check all that apply)* [] Working IN VERMONT in a position that requires a Dentist license [] Working outside Vermont in a position that requires a Dentist license [] Working in a position that does not require a Dentist license [] Not currently working [] Retired	
Question 14 appears if the first answer in question 13 is not selected. If "I verify" is selected, then question 15 is asked and then census skips to Demographics page at e "Oops" is selected, census continues to the Vermont Practice questions (starting with question 16).	
14) Please verify that you DO NOT work in Vermont as a Dentist * () I verify that I DO NOT provide direct patient care in Vermont as a Dentist () Oops, Yes I do provide direct patient care in Vermont as a Dentist	
15) Do you plan to start (or resume) clinical practice in Vermont within the next 12 mon () Yes () No	iths?
Vermont Practice	
16) In what year did you first provide direct patient care in Vermont as a Dentist?	
17) Do you have a National Provider ID number (NPI)? () Yes () No	

18) Please enter your NPI:
19) What are your plans for the next 12 months regarding direct client/patient care in Vermont? () Continue as you are () Increase hours () Decrease hours () Leave Vermont practice () Seek non-clinical job () Retire () Unknown
20) Has your practice tried to recruit a dentist during the last 2 years? () Yes-with success () Yes-without success () No-but I would like to recruit a dentist () No-not interested or not applicable
21) Are you interested in working with a Dental Therapist? () Yes () No () Not sure
22) As a result of the coronavirus pandemic (beginning in approximately March 2020), the percentage of clients who you treat using telehealth has: () Increased () Decreased () Stayed about the same () I do not offer telehealth
Question 23 is shown if answer to question 22 is "Increased"
23) If the percentage of clients you treat using telehealth has increased, do you project that the change will continue after the pandemic response is over? () Yes () No () Too soon to tell

First Vermont practice site

The following questions are about your primary Vermont practice site. If you practice in more than one location in Vermont, please enter the information for each site on a separate page. If practicing in two settings within the same town, enter them as separate "sites". Additional pages will be provided as needed for up to four sites.

Practice Site 1 (your primary Vermont practice site):	
24) Name of Vermont TOWN within which this practice site is address):*	ocated (not a mailing
25) Practice name:	
26) Street Address of practice site (not a mailing address):	
27) Zip code of practice site location:*	
28) Phone number of this practice site:*	
29) Who owns this practice? () Privately owned - single site () Privately owned - multiple sites () Hospital owned () FQHC () Other:	*
Dental Support Organizations are independent business supported the practices to provide non-clinical business management	
30) Does this practice work with a Dental Support Organizatio () Yes () No	n (DSO)?
31) Which best describes the type of setting that most closely location: (select one)* () Solo Practice () Practice of 2 dentists () Practice of 3 or more dentists () Community Health Center / Clinic () Volunteer clinic () Nursing home () Hospital dentistry (inpatient) () Other setting (please specify)::	corresponds to this practice

32) Please enter the number of $\underline{\text{weeks}}$ in a year during which you work at this site as a Dentist: (48 weeks per year is considered "year-round")*

33) Please indicate the average <u>number of hours</u> spent per working week at this site providing direct client/patient care (including diagnosis, treatment planning, and clinical reporting):*
34) On average, how long does a PATIENT OF RECORD need to WAIT, for a non-emergency appointment at this practice site?
Message below shown if answer is 24 or greater, to confirm waits 6 months or greater.
Did you really mean to say that a patient of record needs to wait that many WEEKS for an appointment? If not, please correct the answer.
35) Please indicate the number of NEW patients YOU accept per month: () None () Less than 2 () 2 to 4 () 5 or more () Not applicable for my specialty
Question 36 shown if answer to question 35 is not "None" or "Not applicable"
36) On average, how long does a NEW PATIENT need to WAIT, for a non-emergency appointment at this practice site?
Message below shown if answer is 24 or greater, to confirm waits 6 months or greater.
Did you really mean to say that a new patient needs to wait that many WEEKS for an appointment? If not, please correct the answer.
37) Does your practice treat Medicaid patients at this site? () Yes () No
Question 38 only shown if answer to question 35 is not "None" or "Not applicable" and answer to question 37 is "Yes".
38) Please indicate the number of NEW Medicaid patients YOU accept per month: () None () Less than 2 () 2 to 4 () 5 or more () Not applicable for my specialty

39) Do you work with dental hygienists at this site?() Yes() No
40) Do you work with dental assistants at this site? () Yes () No
Shown if answer to question 40 is "Yes"
What type(s) of dental assistants do you work with at this site? Check all that apply: [] Traditional dental assistant(s) [] Certified dental assistant(s) [] Expanded function dental assistant(s)
41) What is the youngest age of patients that you accept at this site? (please enter a number)
Do you have a second practice site
42) Do you have a second practice site in Vermont?() Yes() No
If answer to question 42 is "Yes", site questions repeat for sites 2-4 as needed. If answer to question 42 is "No", census skips to Demographics page at end.
Additional Vermont practice sites
101) Do you have more than four practice sites in Vermont? () yes () no
Question 102 is shown if answer to question 101 is "Yes".
102) Please describe your work at additional sites beyond the four you entered above, briefly, including locations, settings, and hours:
Demographics
103) Date of birth (M/D/YYYY)

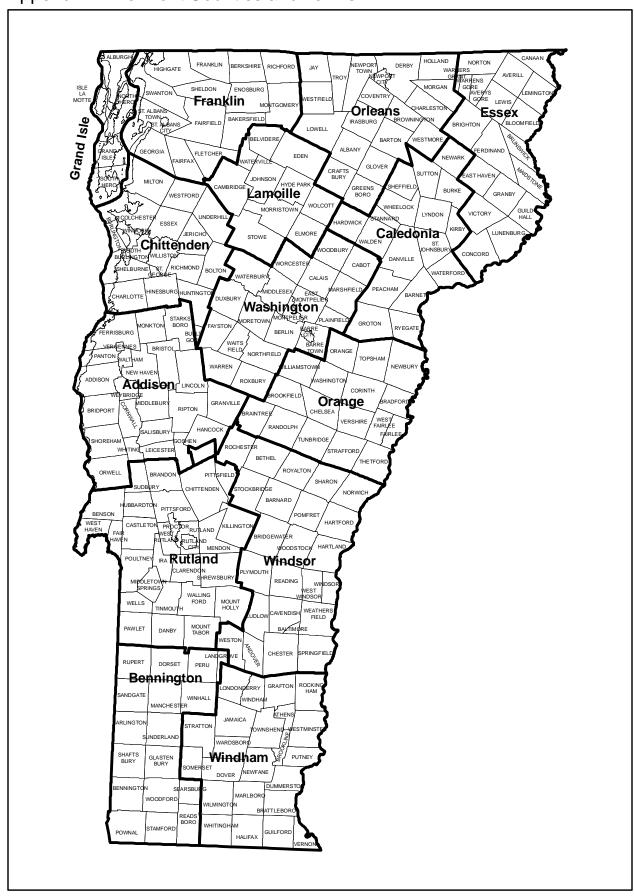
104) Gender () Male () Female () Prefer to self-describe:: () Prefer not to answer
105) How would you classify your race (check all that apply): [] American Indian or Alaska Native [] Asian [] Black or African American [] Native Hawaiian or other Pacific Islander [] White [] Prefer not to answer [] Prefer to self-describe: :
106) Are you Hispanic, Latino/a, or of Spanish origin? () Yes () No () Prefer not to answer
Final comments
107) Thank you. If there is anything else you want to tell us about your practice, including any changes due to the COVID-19 pandemic, or this census, please enter it here:
108) If you want to be sent an email confirming this census entry, please enter your email address here (optional):
Click "Submit" to finalize your response, or "Back" if you want to make any changes.

Census Data Submitted

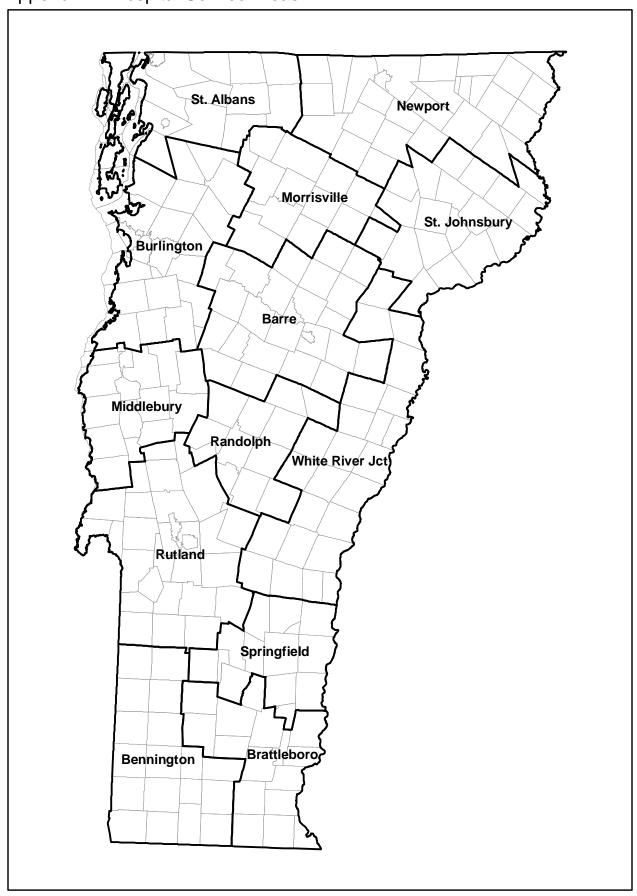
The results of these censuses allow us to monitor changes in Vermont's medical workforce. Reports based on these censuses are available on the Vermont Department of Health website.

Census data accepted. Thank you! Now return to the license renewal window.

Appendix D: Vermont Counties and Towns



Appendix E: Hospital Service Areas



Appendix F: Local Health Districts

