

Vermont Department of Health
Physician Assistants
2022 Census
Statistical Report

2022 Physician Assistants Census Statistical Report

State of Vermont
Phil Scott, Governor

Agency of Human Services
Jenney Samuelson, Secretary

Department of Health
Julie Arel, Interim Commissioner

June 2025

Acknowledgments

This report would not have been possible without the cooperation of the Vermont Board of Medical Practice. We gratefully acknowledge their assistance in the collection of this information.

We also wish to express our appreciation to all the physician assistants who took the time and effort to complete our 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. In this report we present detailed profiles of physician assistants practicing in Vermont as of the beginning of the year 2022; 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.

Data Collection

This report includes physician assistants (PAs) who renewed their license as of the end of January 2022 and who provided patient care in Vermont at the time. A link to the online Workforce Census form was included in the online relicensing process conducted by the Vermont Board of Medical Practice from November 2021 to January 2022. The questions asked are included in this report as Appendix C. PAs who did not complete the census were contacted later by the Board. All potentially active PAs relicensed at the time returned census data, thus the response rate was 100%.

Anesthesiology assistants (AAs) and radiology assistants (RAs) are included in this report along with the PAs. Altogether, 429 renewed their license. Some PAs maintain Vermont licenses even though they do not practice in Vermont. Those PAs are excluded from this report, which describes the 402 who were active in Vermont.

Results from the previous censuses (since 1998) are also available. Similar data are collected from other health professionals, including physicians, dentists and others. Results from these censuses are available on the Department of Health web site, at [Health Care Workforce | Vermont Department of Health](#).

Limitations

The surveys were reviewed for accuracy and consistency. Missing and/or inconsistent data items were evaluated as to their importance. Missing data items that were determined to be essential were inferred from other data sources. 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 the use of 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.

Detailed notes and definitions are in the Appendices. If you need help accessing or understanding this information, contact AHS.VDHPhysicianCensus@vermont.gov, write the Department of Health, Health Statistics and Informatics, 280 State Street, Waterbury, VT 05671-8370 or call us at (802) 863-7200.

Summary

This report includes data reported by 402 physician assistants providing patient care in Vermont as of January 2022. This includes anesthesiologist and radiologist assistants.

- 109 (27%) of the physician assistants work mainly in primary care including:
 - 88 Family Practice Medicine
 - 14 Primary Care Internal Medicine
 - 2 Obstetrics and Gynecology
 - 5 Pediatric Primary Care
- 292 (73%) of the physician assistants provide mainly specialty care including:
 - 68 Emergency Medicine
 - 65 Surgery (45 orthopedic, 5 general, 15 other)
 - 37 Urgent Care
 - 19 Anesthesiology
 - 20 Dermatology
 - 15 Internal Medicine Specialties
- Of the PAs in primary care, 15% are age 60 or older, compared to 12% of those in specialty care.
- Of the 402 physician assistants, 250, or 62%, are women.
- 31% of the women practice primary care, while 21% of the men practice primary care.
- The 402 physician assistants represent the equivalent of 326.2 full-time providers (FTEs, defined as 40 or more hours of patient care per week). This includes 87.5 FTEs in primary care and 238.7 FTEs in specialty care.
- 28% of primary care and 43% of specialty care FTEs are in Chittenden County.
- 34% of primary care providers and 48% of specialty care providers work full-time (40 hours of patient care per week or more).
- Between 2020 and 2022, the number of physician assistants in primary care decreased from 114 to 110, and the number in specialty care increased from 242 to 292.
- Between 2012 and 2022, the number of physician assistants in primary care increased from 98 to 110, and the number in specialty care increased from 142 to 292.

Comparison of Selected Physician Assistant Data, 2006-2022

	2006	2010	2012	2014	2016	2018	2020	2022
Total physician assistants active in VT	163	202	240	264	308	355	356	402
Percent female	57%	60%	57%	61%	61%	63%	62%	62%
Percent age 55 or older	20%	23%	23%	25%	25%	22%	20%	20%
Average patient care hours per week	35	36	35	35	36	35	35	35%
Primary care PAs	83	83	98	103	106	111	114	110
Family Practice	62	60	77	76	83	87	91	89
Internal Medicine	11	11	12	18	16	16	17	14
Ob/Gyn	8	6	6	5	2	2	2	2
Pediatric Primary Care	2	6	3	4	5	6	4	5
% accepting new patients *	93%	82%	88%	83%	93%	87%	92%	90%
% accepting new Medicaid patients *	82%	73%	78%	80%	88%	84%	88%	89%
% accepting new Medicare patients *	81%	73%	82%	77%	88%	87%	85%	88%
Specialty care PAs **	80	119	142	161	202	244	242	292
Anesthesiology **			12	10	14	15	20	19
Emergency Medicine	30	40	43	45	58	66	55	68
Hospitalist **			3	5	4	6	7	11
Internal Medicine	4	11	10	7	8	13	14	15
Orthopedic Surgery	19	25	33	43	43	47	42	45
Urgent Care **			1	3	20	28	31	37
Primary care PA FTEs	62.6	67.0	76.6	80.0	82.5	87.1	93.3	87.5
Family Practice	48.2	49.3	62.5	59.7	63.4	67.1	74.2	71.2
Internal Medicine	7.9	9.4	8.6	13.1	13.3	13.5	14.0	10.6
Ob/Gyn	4.4	4.4	3.6	3.7	1.7	1.5	1.5	1.5
Pediatric Primary Care	2.1	3.9	1.9	3.4	4.1	5.0	3.8	4.3
FTEs/100,000 population	10.0	10.8	12.2	12.8	13.2	14.0	15.0	13.5
Specialty care PA FTEs **	70.2	105.7	123.3	139.2	171.9	204.7	204.0	238.7
Anesthesiology **			11.3	9.6	12.7	13.6	17.4	18.1
Emergency Medicine	24.8	32.4	34.2	34.4	43.1	50.3	42.8	47.2
Hospitalist **			2.3	4.4	4.1	5.1	5.4	8.0
Internal Medicine	3.1	9.6	7.9	5.9	6.7	8.7	11.1	12.1
Orthopedic Surgery	17.8	23.5	31.6	39.0	39.3	44.6	39.6	40.8
Urgent Care **			0.5	2.7	15.4	26.2	25.1	28.0

* See Note 6 in Appendix B on tabulation of availability of care.

** Anesthesiologist assistants weren't a separate license type in 2002, and have been added into the PA report since 2012. Hospitalists and Urgent Care were not listed as specialties until 2012.

Vermont Physician Assistants' Demographic Characteristics

Table 1 -- VT Physician Assistants, 2022
Summary of Active Physician Assistants

TOTAL	402	(100%)
Main specialty:		
Primary Care Total	110	(27%)
Family Practice	89	(22%)
Primary Care Internal Medicine	14	(3%)
Obstetrics and Gynecology	2	(0%)
Pediatric Primary Care	5	(1%)
Specialty Care Total	292	(73%)
Anesthesiology	19	(5%)
Dermatology	20	(5%)
Emergency Medicine	68	(17%)
Hospitalist	11	(3%)
Internal Medicine Specialties	15	(4%)
Pediatric Subspecialty	4	(1%)
Ophthalmology	1	(0%)
Psychiatry	7	(2%)
Radiology	4	(1%)
Surgery: General	5	(1%)
Surgery: Orthopedic	45	(11%)
Surgery: Other	15	(4%)
Urology	3	(1%)
Urgent Care	37	(9%)
Other Specialties	38	(9%)
Age groups:		
Younger than 30	23	(6%)
30 - 39	146	(36%)
40 - 49	103	(26%)
50 - 54	50	(12%)
55 - 59	30	(7%)
60 - 64	30	(7%)
65 and older	20	(5%)
Gender:		
Male	141	(35%)
Female	250	(62%)
Other or missing answer	11	(3%)
Ethnicity and Race:		
Hispanic, Latino or of Spanish origin	7	(2%)
Not Hispanic	364	(91%)
Prefer not to answer	21	(5%)
Missing answer	10	(2%)
White	365	(91%)
Native American	1	(0%)
Black	2	(0%)
Asian	9	(2%)
Native Hawaiian/Pacific Islander	1	(0%)
Other	3	(1%)
Prefer not to answer	23	(6%)

(continued on next page)

Table 1 -- VT Physician Assistants, 2022
 Summary of Active Physician Assistants (continued)

Patient care hours:

40 or more hours/week	176	(44%)
30 to 39 hours/week	136	(34%)
Less than 30 hours/week	89	(22%)

Number of practice sites:

One	342	(85%)
Two	55	(14%)
Three	5	(1%)

More than one race could be selected so the sum of that section may not equal the total number of PAs.

One PA was missing data for patient care hours.

Table 2 -- VT Physician Assistants, 2022
Age by Specialty and by Gender

	Total	Number in Age Group			Age 60+
		<40	40-59	60+	(%)
GRAND TOTAL	402	169	183	50	12%
MALES	141	47	72	22	16%
FEMALES	250	115	108	27	11%
PRIMARY CARE	110	41	53	16	15%
MALES	30	7	18	5	17%
FEMALES	77	33	34	10	13%
Family Practice	89	33	41	15	17%
Internal Medicine	14	6	8	.	.
Ob/Gyn	2	1	1	.	.
Pediatrics	5	1	3	1	20%
SPECIALTY CARE	292	128	130	34	12%
MALES	111	40	54	17	15%
FEMALES	173	82	74	17	10%
Anesthesiology	19	10	5	4	21%
Dermatology	20	7	11	2	10%
Emergency Medicine	68	27	35	6	9%
Hospitalist	11	8	2	1	9%
Internal Medicine	15	7	4	4	27%
Pediatric Subspecialty	4	2	2	.	.
Ophthalmology	1	.	1	.	.
Psychiatry	7	2	5	.	.
Radiology	4	1	2	1	25%
Surgery: General	5	4	1	.	.
Surgery: Orthopedic	45	20	20	5	11%
Surgery: Other	15	5	10	.	.
Urology	3	2	.	1	33%
Urgent Care	37	18	13	6	16%
Other Specialties	38	15	19	4	11%

11 PAs selected other gender or are missing data for gender - they are included in the totals and specialty rows but not in the MALES/FEMALES rows.

See Note 1 for description of the calculation of age.

Table 3 -- VT Physician Assistants, 2022
Specialty by Gender

Specialty	Total	Male	Female	Percent Female
TOTAL	402	141	250	64%
PRIMARY CARE	110	30	77	72%
Family Practice	89	26	60	70%
Internal Medicine	14	4	10	71%
Ob/Gyn	2	.	2	100%
Pediatrics	5	.	5	100%
SPECIALTY CARE	292	111	173	61%
Anesthesiology	19	10	8	44%
Dermatology	20	6	14	70%
Emergency Medicine	68	37	29	44%
Hospitalist	11	2	8	80%
Internal Medicine	15	5	10	67%
Pediatric Subspecialty	4	1	3	75%
Ophthalmology	1	1	.	.
Psychiatry	7	2	5	71%
Radiology	4	2	2	50%
Surgery: General	5	1	4	80%
Surgery: Orthopedic	45	16	28	64%
Surgery: Other	15	8	7	47%
Urology	3	.	2	100%
Urgent Care	37	12	23	66%
Other Specialties	38	8	30	79%

The 'Total' column includes 11 PAs who selected other gender or are missing gender data.

Table 4 -- VT Physician Assistants, 2022
Age by County

County	Total	Number in Age Group			Age 60+
		<40	40-59	60+	(%)
STATEWIDE TOTAL					
Total	402	169	183	50	12%
Primary Care	110	41	53	16	15%
Specialists	292	128	130	34	12%
Addison County					
Primary Care	2	.	2	.	.
Specialists	9	3	6	.	.
Bennington County					
Primary Care	5	3	2	.	.
Specialists	17	12	3	2	12%
Caledonia County					
Primary Care	1	.	1	.	.
Specialists	12	7	3	2	17%
Chittenden County					
Primary Care	31	11	17	3	10%
Specialists	121	52	54	15	12%
Essex County					
Primary Care	2	1	1	.	.
Specialists	0	.	.	.	.
Franklin County					
Primary Care	10	7	3	.	.
Specialists	14	10	3	1	7%
Grand Isle County					
Primary Care	1	.	.	1	100%
Specialists	0	.	.	.	.
Lamoille County					
Primary Care	0	.	.	.	.
Specialists	7	5	2	.	.
Orange County					
Primary Care	4	2	1	1	25%
Specialists	6	1	3	2	33%
Orleans County					
Primary Care	4	2	2	.	.
Specialists	2	1	1	.	.
Rutland County					
Primary Care	15	5	8	2	13%
Specialists	26	12	12	2	8%
Washington County					
Primary Care	11	4	4	3	27%
Specialists	17	8	8	1	6%
Windham County					
Primary Care	7	.	4	3	43%
Specialists	16	4	11	1	6%
Windsor County					
Primary Care	15	5	8	2	13%
Specialists	36	9	20	7	19%

Each PA is counted once in this table, in their main specialty group, and, independently, in their main county of practice (see Note 2).

See Note 1 for description of the calculation of age.

11 PAs were missing location data and are only included in the statewide total row.

Table 5 -- VT Physician Assistants, 2022
Education and Training

	PRIMARY CARE	SPECIALTY CARE
	-----	-----
TOTAL	110	292
Region where trained:		
New Hampshire	21%	13%
Rest of New England	32%	34%
Other Northeast	29%	27%
South	10%	16%
Central	3%	6%
West	5%	4%
unknown	.	10
Degree awarded:		
Certificate	8%	7%
Associate Degree	3%	2%
Bachelor	14%	8%
Master	75%	82%
Certified by the NCCPA:	99%	92%
Completed post-graduate training:	14%	23%
Completed specialty certification:	4%	15%

This table uses the standard mapping of states to regions, but separates out VT and NH (Note 12).

Table 6 -- VT Physician Assistants, 2022
 Years in Clinical Practice

In Clinical Practice	PRIMARY CARE		SPECIALTY CARE	
	Anywhere	In Vermont	Anywhere	In Vermont
1 to 2 years	13 (12%)	17 (15%)	25 (9%)	62 (21%)
3 to 4 years	6 (5%)	12 (11%)	32 (11%)	38 (13%)
5 to 9 years	30 (27%)	32 (29%)	75 (26%)	74 (25%)
10 to 14 years	15 (14%)	15 (14%)	45 (15%)	34 (12%)
15 to 19 years	15 (14%)	14 (13%)	45 (15%)	28 (10%)
20 to 24 years	8 (7%)	3 (3%)	19 (7%)	13 (4%)
25 to 29 years	10 (9%)	6 (5%)	19 (7%)	7 (2%)
30 years or more	9 (8%)	7 (6%)	17 (6%)	7 (2%)
unknown	4	4	15	29
Total	110	110	292	292
Median years:	11	9	10	6

Vermont Physician Assistants' Distribution of Full Time Equivalents (FTEs)

Table 7 -- VT Physician Assistants, 2022
FTE by Age and Gender by Specialty

	Total	FTEs in Age Group			Age 60+
		<40	40-59	60+	(%)
TOTAL	326.2	142.9	148.4	34.9	11%
MALES	117.4	40.9	61.0	15.5	13%
FEMALES	200.8	96.7	84.8	19.4	10%
PRIMARY CARE					
TOTAL	87.5	34.7	41.9	10.9	13%
MALES	26.8	6.5	16.0	4.3	16%
FEMALES	59.2	27.5	25.1	6.6	11%
Family Practice	71.2	28.7	32.6	9.9	14%
Internal Medicine	10.6	4.6	6.0	.	0%
Ob/Gyn	1.5	.5	1.0	.	0%
Pediatrics	4.3	.9	2.4	1.0	24%
SPECIALTY CARE					
TOTAL	238.7	108.2	106.5	23.9	10%
MALES	90.6	34.4	45.1	11.2	12%
FEMALES	141.6	69.2	59.6	12.8	9%
Anesthesiology	18.1	9.4	5.0	3.7	21%
Dermatology	18.7	6.0	10.8	1.9	10%
Emergency Medicine	47.2	20.8	24.5	1.9	4%
Hospitalist	8.0	6.2	1.6	.3	3%
Internal Medicine	12.1	5.7	3.1	3.3	27%
Pediatric Subspecialty	2.3	2.0	.3	.	0%
Ophthalmology	.7	.	.7	.	0%
Psychiatry	6.2	2.0	4.2	.	0%
Radiology	3.8	1.0	1.8	1.0	27%
Surgery: General	4.6	3.9	.8	.	0%
Surgery: Orthopedic	40.8	17.9	18.2	4.7	11%
Surgery: Other	12.7	4.7	8.1	.	0%
Urology	3.1	2.0	.1	1.0	32%
Urgent Care	28.0	13.8	10.4	3.7	13%
Other Specialties	32.4	13.0	16.9	2.6	8%

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

There were 11 PAs who were missing gender information, contributing 1.5 primary care FTEs and 6.5 specialty care FTEs.

Table 8 -- VT Physician Assistants, 2022
FTEs by Age by County

County	Total	FTEs in Age Group			Age 60+
		<40	40-59	60+	(%)
STATEWIDE TOTAL					
Total	326.2	142.9	148.4	34.9	11%
Primary Care	87.5	34.7	41.9	10.9	13%
Specialists	238.7	108.2	106.5	23.9	10%
Addison County					
Primary Care	1.6	.	1.6	.	0%
Specialists	7.0	2.7	4.3	.	0%
Bennington County					
Primary Care	4.4	2.6	1.8	.	0%
Specialists	13.8	9.8	2.5	1.5	11%
Caledonia County					
Primary Care	1.0	.	1.0	.	0%
Specialists	8.4	5.7	2.6	.1	1%
Chittenden County					
Primary Care	24.8	9.8	13.3	1.8	7%
Specialists	101.5	42.4	46.7	12.3	12%
Essex County					
Primary Care	1.6	.8	.8	.	0%
Specialists	.	.	.	.	.
Franklin County					
Primary Care	7.9	6.0	1.9	.	0%
Specialists	12.7	8.6	2.9	1.2	10%
Grand Isle County					
Primary Care	.7	.	.	.7	100%
Specialists	.	.	.	.	.
Lamoille County					
Primary Care	<.05	.	.	.	0%
Specialists	5.8	4.2	1.7	.	0%
Orange County					
Primary Care	2.9	1.2	.7	1.0	35%
Specialists	4.5	1.3	2.1	1.2	26%
Orleans County					
Primary Care	3.9	2.0	1.9	.	0%
Specialists	1.6	.5	1.1	.	0%
Rutland County					
Primary Care	13.1	4.4	6.7	2.0	15%
Specialists	22.8	10.9	10.2	1.8	8%
Washington County					
Primary Care	8.3	3.3	3.1	1.9	23%
Specialists	17.0	8.0	7.5	1.5	9%
Windham County					
Primary Care	5.2	.	2.6	2.6	50%
Specialists	10.6	3.3	7.0	.3	3%
Windsor County					
Primary Care	11.2	3.9	6.7	.7	7%
Specialists	25.4	8.6	13.9	2.9	11%

See Note 1 for description of the calculation of age.

Table 9 -- VT Physician Assistants, 2022
 Numbers of Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by County

Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL	402 326.2 14093	116 87.5 3663	303 238.7 10430
Addison County	14 8.6 379	2 1.6 71	13 7.0 308
Bennington County	23 18.2 809	6 4.4 177	18 13.8 632
Caledonia County	13 9.4 432	1 1.0 40	12 8.4 392
Chittenden County	156 126.3 5508	32 24.8 1079	127 101.5 4429
Essex County	2 1.6 63	2 1.6 63	. . .
Franklin County	28 20.6 856	10 7.9 318	18 12.7 538
Grand Isle County	1 .7 40	1 .7 40	. . .
Lamoille County	10 5.9 235	1 .0 1	9 5.8 234
Orange County	10 7.4 298	4 2.9 115	7 4.5 183
Orleans County	7 5.5 223	4 3.9 160	3 1.6 64
Rutland County	44 35.9 1486	16 13.1 526	30 22.8 960
Washington County	43 25.3 1096	11 8.3 354	33 17.0 743
Windham County	26 15.8 683	8 5.2 206	19 10.6 477
Windsor County	55 36.7 1587	17 11.2 474	40 25.4 1113

In this table PAs may be counted more than once (Note 4).

11 PAs providing 8.5 FTEs were missing location information and are only included in the statewide total row.

Table 10 -- VT Physician Assistants, 2022
 Numbers of Primary Care Providers, Full Time Equivalents
 (FTEs), and Total Weekly Patient Care Hours, by County

Count FTEs Hours	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	116 87.5 3663	95 71.2 2941	14 10.6 491	2 1.5 61	5 4.3 170
Addison County	2 1.6 71	2 1.6 71	.. .. .	.. .. .	.. .. .
Bennington County	6 4.4 177	3 2.0 80	1 .6 25	. . . . .	2 1.8 72
Caledonia County	1 1.0 40	1 1.0 40	.. .. .	.. .. .	.. .. .
Chittenden County	32 24.8 1079	24 17.9 758	6 5.1 249	1 1.0 40	1 .8 32
Essex County	2 1.6 63	2 1.6 63	.. .. .	.. .. .	.. .. .
Franklin County	10 7.9 318	8 6.8 276	1 .5 21	1 .5 21	.. .. .
Grand Isle County	1 .7 40	1 .7 40	.. .. .	.. .. .	.. .. .
Lamoille County	1 <.05 1	1 <.05 1	.. .. .	.. .. .	.. .. .
Orange County	4 2.9 115	2 1.4 55	1 .5 20	. . . . .	1 1.0 40
Orleans County	4 3.9 160	4 3.9 160	.. .. .	.. .. .	.. .. .
Rutland County	16 13.1 526	16 13.1 526	.. .. .	.. .. .	.. .. .
Washington County	11 8.3 354	10 7.6 324	1 .8 30	.. .. .	.. .. .
Windham County	8 5.2 206	7 4.4 176	1 .8 30	.. .. .	.. .. .
Windsor County	17 11.2 474	13 8.3 332	3 2.3 116	. . . . .	1 .7 26

In this table providers may be counted more than once (Note 4).
 See Note 6 for description of OB/GYN classification.

2 PAs providing 1.0 primary care FTEs were missing location
 information and are only included in the statewide total row.

Table 11 -- VT Physician Assistants, 2022
 Numbers of Specialty Care PAs, Full Time Equivalents
 (FTEs), and Total Weekly Patient Care Hours, by County

Count FTEs Hours	SPECIALTY CARE TOTAL	ANESTH- ESIOLOG.	DERMAT- OLOGY	EMERGENCY MEDICINE	URGENT CARE	ORTHOP. SURGERY	OTHER SURGERY	ALL OTHER
STATEWIDE TOTAL	303 238.7 10430	19 18.1 842	21 18.7 805	80 47.2 2006	52 28.0 1299	45 40.8 1708	21 17.3 732	94 68.6 3038
Addison County	13 7.0 308	. . . . .	1 <.05 0	6 3.2 135	1 .1 5	2 1.9 95	. . . . .	4 1.8 73
Bennington County	18 13.8 632	6 4.5 190	. . . . .	4 1.7 81	5 3.5 158	2 2.0 90	. . . . .	3 2.1 114
Caledonia County	12 8.4 392	. . . . .	. . . . .	4 2.5 100	3 1.9 111	3 2.9 120	2 1.1 57	2 .1 5
Chittenden County	127 101.5 4429	13 11.4 533	15 12.8 538	20 11.4 478	13 6.1 300	16 14.1 568	12 10.4 434	46 35.3 1579
Essex County	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Franklin County	18 12.7 538	. . . . .	. . . . .	4 2.6 108	8 4.9 204	3 3.0 132	. . . . .	4 2.2 94
Grand Isle County	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Lamoille County	9 5.8 234	. . . . .	. . . . .	2 .1 4	. . . . .	5 4.1 166	. . . . .	2 1.6 64
Orange County	7 4.5 183	. . . . .	. . . . .	1 .9 35	. . . . .	1 .9 36	3 2.2 91	2 .5 21
Orleans County	3 1.6 64	. . . . .	. . . . .	. . . . .	. . . . .	1 1.0 40	. . . . .	2 .6 24
Rutland County	30 22.8 960	. . . . .	. . . . .	8 5.6 226	3 .5 22	3 3.0 122	2 1.8 70	16 11.9 520
Washington County	33 17.0 743	8 2.2 119	2 .8 48	6 4.2 169	11 5.2 224	3 2.3 92	. . . . .	5 2.3 91
Windham County	19 10.6 477	. . . . .	. . . . .	11 5.6 251	3 .9 37	4 3.8 177	. . . . .	2 .3 13
Windsor County	40 25.4 1113	. . . . .	2 2.0 95	21 9.3 419	8 3.2 144	2 1.8 72	1 1.0 40	10 8.1 344

In this table PAs may be counted more than once (see Note 4).
 'Urgent Care' here includes Family Medicine in walk-in settings.
 'Other Surgery' here includes General Surgery.

10 PAs providing 7.5 specialty care FTEs were missing location information and are only included in the statewide total row.

Table 12 -- VT Physician Assistants, 2022
 Primary Care Provider FTE to Population Ratios by County

County	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	87.5	647,064	13.5	7,396
Addison County	1.6	37,578	4.1	24,244
Bennington County	4.4	37,392	11.7	8,547
Caledonia County	1.0	30,579	3.3	30,579
Chittenden County	24.8	169,301	14.7	6,819
Essex County	1.6	5,994	26.3	3,806
Franklin County	7.9	50,731	15.5	6,451
Grand Isle County	.7	7,489	8.9	11,273
Lamoille County	<.05	26,090	.1	894,514
Orange County	2.9	29,846	9.6	10,381
Orleans County	3.9	27,666	14.0	7,155
Rutland County	13.1	60,366	21.7	4,603
Washington County	8.3	60,048	13.9	7,197
Windham County	5.2	45,842	11.2	8,894
Windsor County	11.2	58,142	19.3	5,172

Only primary care PAs are included in this table.
 One FTE is 40 (or more) hours per week, 48 weeks per year
 or more. The FTEs are rounded to one digit for display
 only - the ratios were calculated using the unrounded values.

Population estimates are from the Census Bureau for July 2022.
 (see note 4)

2 PAs providing 1.0 primary care FTEs were missing location
 information and are only included in the statewide total row.

Vermont Physician Assistants' Practice Characteristics

Table 13 -- VT Physician Assistants, 2022
Detailed Specialty List

SPECIALTY GROUP Specialty	Count of PAs Working in Specialty		
	As Main Specialty	As Secondary Specialty	FTEs
TOTAL	402		326.2
FAMILY PRACTICE			
Adolescent Medicine (FP)	4	0	1.6
Family Practice	75	6	61.2
General Practice	9	0	7.7
Geriatric Family Medicine	1	0	.7
INTERNAL MEDICINE (PRIMARY)			
Geriatric Internal Medicine	1	0	1.0
Internal Medicine	13	0	9.6
OB/GYN			
Gynecology	2	0	1.5
PEDIATRICS			
Pediatrics (general)	5	0	4.3
ANESTHESIOLOGY			
Anesthesiology	19	0	18.1
DERMATOLOGY			
Dermatology	20	1	18.7
EMERGENCY MEDICINE			
Emergency Medicine	67	12	47.0
Emergency Medicine: Sports	1	0	.2
HOSPITALIST			
Hospitalist	11	0	8.0
INTERNAL MEDICINE (SPECIALTY)			
Cardiac Electrophysiology	1	0	.1
Cardiovascular Disease	3	0	3.0
Gastroenterology	1	0	1.0
Hematology (Internal Medicine)	1	0	.5
Infectious Disease	1	0	.4
Internal Medicine (subspecialty)	2	1	2.3
Medical Oncology	4	0	2.9
Pulmonary Disease	2	0	2.0
PEDIATRICS (SUBSPECIALTIES)			
Neonatal-perinatal Medicine	3	0	2.2
Pediatrics (subspecialty)	1	0	.1
OPHTHALMOLOGY			
Ophthalmology	1	0	.7
PSYCHIATRY			
Addiction Psychiatry	1	0	.8
Psychiatry	6	0	5.4
RADIOLOGY			
Diagnostic Radiology	1	0	1.0
Radiology	1	0	.8

Vascular/Interventional Radiology	2	0	2.0
SURGERY: GENERAL			
General Surgery	5	1	4.6
SURGERY: ORTHOPEDIC			
Adult Reconstructive Orthopedics	1	0	1.0
Hand Surgery (Orthopedic)	5	0	3.9
Orthopedic Surgery	30	0	28.1
Orthopedic Surgery Of The Spine	6	0	5.2
Orthopedic Surgery: Sports	2	0	2.0
Pediatric Orthopedics	1	0	.6
SURGERY: OTHER			
Abdominal Surgery	2	1	2.3
Cardiovascular Surgery	2	0	1.7
General Vascular Surgery	1	1	.6
Neurological Surgery	5	0	3.7
Surgery Of The Hand	1	0	.5
Surgical Critical Care	1	0	1.0
Thoracic Surgery	3	0	3.0
UROLOGY			
Urology	3	1	3.1
URGENT CARE			
FM in urgent care setting	4	2	2.1
GP in urgent care setting	2	0	1.8
IM in urgent care setting	1	1	1.0
Urgent Care	30	12	23.1
OTHER SPECIALTIES			
Addiction Medicine	1	0	1.0
Adolescent Medicine (Family Med)	0	1	.1
Allergy	1	1	.9
Family Medicine: Sports	1	0	.6
FM in hospital or ED setting	1	2	1.5
General Practice (in hospital)	2	0	1.3
Gynecologic Oncology	2	0	1.6
Medical Genetics	0	1	.5
Musculoskeletal Oncology	0	1	.5
Otolaryngology	5	0	3.1
Physical Medicine & Rehabilitation	1	0	1.0
Plastic Surgery	2	0	2.0
Unlisted Specialty	22	9	18.3

Table 14 -- VT Physician Assistants, 2022
 FTEs by (Grouped) Practice Setting by Specialty

Specialty Group	FTEs in Practice Setting						
	Office	Urgent Care	E.D.	Hospital Inpatient	Hospital Outpatient	Health Clinic	All Others
TOTAL	80.2	26.7	40.3	21.0	87.5	53.8	16.6
PRIMARY CARE	34.1	.	.	.	7.6	42.8	3.0
Family Practice	25.5	.	.	.	3.0	39.7	3.0
Internal Medicine	5.2	.	.	.	2.8	2.5	.
Ob/Gyn	1.5	.	.	.	.	.	.
Pediatrics	1.8	.	.	.	1.8	.7	.
SPECIALTY CARE	46.1	26.7	40.3	21.0	79.9	11.0	13.7
Anesthesiology	.	.	.	.	18.1	.	.
Dermatology	11.6	.	.	.	3.9	.1	3.1
Emergency Medicine	.3	3.9	39.5	.0	2.5	.8	.1
Hospitalist	.	.	.	7.1	.7	.3	.
Internal Medicine	.	.	.	1.8	9.3	.	1.0
Psychiatry	.	.	.	2.5	.	3.7	.
Radiology	.	.	.	.	3.8	.	.
Surgery: General	2.8	.	.	.	1.9	.	.
Surgery: Orthopedic	20.0	.	.	1.0	19.8	.	.
Surgery: Other	.3	.	.	2.9	8.6	.	.9
Urology	.	.	.	1.0	2.1	.	.
Urgent Care	.0	22.7	.8	.	1.5	.9	2.1
Other Specialties	11.2	.1	.	4.8	7.7	5.2	6.4

All worksites of each PA are counted in this table.
 'Outpatient' here includes Inpatient/Outpatient combined setting.
 The 'Urgent Care' column refers to the setting, while 'Urgent Care' row refers to the specialty group - see Appendix A.

Table 15 -- VT Physician Assistants, 2022
Detailed Practice Settings

Practice Setting	Primary Care		Specialty Care	
	FTEs	Percent	FTEs	Percent
Total	87.5	100%	238.7	100%
Solo Practice	2.2	3%	5.6	2%
Single-Specialty Group	23.7	27%	29.1	12%
Multi-Specialty Group	8.2	9%	11.4	5%
Hospital Inpatient Dept	.	.	21.0	9%
Hospital Emergency Dept	.	.	40.3	17%
Hospital Outpatient Dept	7.6	9%	26.5	11%
Hospital In/Outpatient	.	.	53.5	22%
Urgent Care / Walk-in	.	.	26.7	11%
Health Clinic/Center	41.7	48%	6.2	3%
Mental Health Center	1.1	1%	1.0	0%
Substance Abuse Center	.	.	3.8	2%
School/College	2.0	2%	.	.
Other	.	.	7.1	3%

Practice setting data was missing for 1.0 FTE in Primary Care and 6.5 FTEs in Specialty Care - they are only included in the Total row.

Table 16 -- VT Physician Assistants, 2022
Practice Setting by Age

Practice Setting	Total	Number in Age Group		
		under 40	40-59	60 and older
TOTAL, all settings	402 (100%)	169	183	50
Solo Practice	10 (2%)	2	5	3
Single-Specialty Group	59 (15%)	26	30	3
Multi-Specialty Group	24 (6%)	11	11	2
Hospital Inpatient Dept	26 (6%)	16	10	.
Hospital Emergency Dept	56 (14%)	26	28	2
Hospital Outpatient Dept	42 (10%)	20	17	5
Hospital In/Outpatient	58 (14%)	24	24	10
Urgent Care / Walk-in	37 (9%)	14	16	7
Health Clinic/Center	59 (15%)	21	27	11
Mental Health Center	2 (0%)	1	1	.
Substance Abuse Center	5 (1%)	2	3	.
School/College	5 (1%)	.	3	2
Other	9 (2%)	1	4	4
Unknown	10 (2%)	5	4	1

Each PA is counted once in this table, in their main practice setting. See Note 1 for a description of the calculation of age.

Table 17 -- VT Physician Assistants, 2022
Practice Setting by Gender

Practice Setting	Total	Males		Females	
TOTAL, all settings	402	141	(100%)	250	(100%)
Solo Practice	10	2	(1%)	8	(3%)
Single-Specialty Group	59	18	(13%)	40	(16%)
Multi-Specialty Group	24	11	(8%)	13	(5%)
Hospital Inpatient Dept	26	5	(4%)	19	(8%)
Hospital Emergency Dept	56	32	(23%)	22	(9%)
Hospital Outpatient Dept	42	14	(10%)	28	(11%)
Hospital In/Outpatient	58	24	(17%)	33	(13%)
Urgent Care / Walk-in	37	13	(9%)	23	(9%)
Health Clinic/Center	59	13	(9%)	43	(17%)
Mental Health Center	2	2	(1%)	0	(0%)
Substance Abuse Center	5	1	(1%)	4	(2%)
School/College	5	1	(1%)	4	(2%)
Other	9	2	(1%)	7	(3%)
Unknown	10	3	(2%)	6	(2%)

Each PA is counted once in this table, in their main practice setting. Percentages are based on column totals.

The 'Total' column includes 11 PAs who selected other gender or are missing gender data.

Table 18 -- VT Physician Assistants, 2022
Average Patient Care Hours per Week, by Specialty and Age

Main Specialty	Total PAs	Average Patient Care Hours per Week				% Working Full Time (%)
		All Ages	Age < 40	Age 40-59	Age 60+	
ALL SPECIALTIES	402	35	37	35	29	44%
PRIMARY CARE	110	34	36	34	31	34%
Family Practice	89	34	36	33	31	35%
Internal Medicine	14	38	34	41	.	29%
Ob/Gyn	2	.	.	.	.	.%
Pediatrics	5	34	.	31	.	20%
SPECIALTY CARE	292	35	37	36	29	48%
Anesthesiology	19	44	48	42	38	84%
Dermatology	20	40	36	43	.	75%
Emergency Medicine	68	28	30	29	17	25%
Hospitalist	11	36	36	.	.	45%
Internal Medicine	15	36	41	31	30	60%
Pediatric Subspecialty	4	23	.	.	.	50%
Ophthalmology	1	.	.	.	.	.%
Psychiatry	7	36	.	35	.	57%
Radiology	4	38	.	.	.	75%
Surgery: General	5	38	41	.	.	60%
Surgery: Orthopedic	45	38	38	38	37	62%
Surgery: Other	15	36	37	35	.	60%
Urology	3	42	.	.	.	67%
Urgent Care	37	37	40	40	22	22%
Other Specialties	38	35	33	40	25	45%

Averages based on less than 3 people are suppressed.

'Full Time' is 40 (or more) hours of direct patient care per week in Vermont, 48 weeks per year (see Note 22).

See Note 1 for description of the calculation of age.

Table 19 - VT Physician Assistants, 2022
Practice Availability by Specialty

Specialty	PAs	Accept New Patients	Participate in Medicaid	Accept New Medicaid Patients	Participate in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
TOTAL	238	95%	96%	88%	100%	91%
PRIMARY CARE	102	90%	100%	89%	100%	88%
Family Practice	81	92%	100%	91%	100%	91%
Internal Medicine	14	75%	100%	71%	100%	71%
Ob/Gyn	2	100%	100%	100%	100%	100%
Pediatrics	5	100%	100%	100%	n.a.	n.a.
SPECIALTY CARE	136	99%	93%	88%	99%	94%
Anesthesiology	19	100%	100%	100%	100%	88%
Dermatology	16	100%	63%	56%	100%	93%
Internal Medicine	12	100%	100%	91%	100%	91%
Ophthalmology	1	100%	100%	100%	100%	100%
Psychiatry	2	100%	100%	100%	100%	100%
Surgery: General	5	100%	100%	100%	100%	100%
Surgery: Orthopedic	44	97%	100%	92%	100%	95%
Surgery: Other	11	100%	100%	100%	100%	100%
Urology	2	100%	100%	100%	100%	100%
Other Specialties	24	100%	90%	90%	95%	90%

Only office settings are included (Note 7).
Emergency Medicine and Urgent Care are excluded from this table.
Medicare does not cover pediatric care.

PAs were asked if they accept new patients and if they participate in Medicaid and Medicare for each site where they practice. In this table each PA is counted once, in his or her main specialty. Only sites where the PA works in his or her main specialty are included. A PA is counted as accepting new patients if they accept new patients at any site, and as participating in Medicaid or Medicare if they participate at any site. See Note 6 regarding tabulation of availability.

Table 20 -- VT Physician Assistants, 2022
Practice Availability by Specialty

Specialty	FTEs	Accept New Patients	Participate in Medicaid	Accept New Medicaid Patients	Participate in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
TOTAL	204.9	95%	96%	88%	100%	91%
PRIMARY CARE	83.4	90%	100%	88%	100%	87%
Family Practice	67.1	91%	100%	90%	100%	90%
Internal Medicine	10.6	71%	100%	68%	100%	68%
Ob/Gyn	1.5	100%	100%	100%	100%	100%
Pediatrics	4.3	100%	100%	100%	n.a.	n.a.
SPECIALTY CARE	121.5	99%	93%	88%	99%	94%
Anesthesiology	18.1	100%	100%	100%	100%	86%
Dermatology	15.6	100%	64%	58%	100%	94%
Internal Medicine	9.3	100%	100%	92%	100%	92%
Ophthalmology	.7	100%	100%	100%	100%	100%
Psychiatry	1.9	100%	100%	100%	100%	100%
Surgery: General	4.6	100%	100%	100%	100%	100%
Surgery: Orthopedic	39.8	98%	100%	92%	100%	95%
Surgery: Other	8.9	100%	100%	100%	100%	100%
Urology	2.1	100%	100%	100%	100%	100%
Other Specialties	20.5	100%	92%	92%	95%	92%

Only office settings are included (Note 7).
Emergency Medicine and Urgent Care are excluded from this table.
Each site a PA practices in is counted, weighed by FTEs.
Denominators for percentages do not include unknowns.
See Note 6 regarding tabulation of availability.

Table 21 -- VT Physician Assistants, 2022
 Plan to Retire, Leave, or Reduce Hours Within 12 months

Specialty	Total PAs	Plan to Retire or Leave VT	Plan to Reduce Hours
TOTAL	402	8	28
PRIMARY CARE	110	4	9
Family Practice	89	2	7
Internal Medicine	14	2	2
Ob/Gyn	2	0	0
Pediatrics	5	0	0
SPECIALTY CARE	292	4	19
Anesthesiology	19	2	1
Dermatology	20	0	1
Emergency Medicine	68	1	10
Hospitalist	11	1	0
Internal Medicine	15	0	2
Pediatric Subspecialty	4	0	0
Ophthalmology	1	0	0
Psychiatry	7	0	0
Radiology	4	0	0
Surgery: General	5	0	2
Surgery: Orthopedic	45	0	1
Surgery: Other	15	0	0
Urology	3	0	0
Urgent Care	37	0	1
Other Specialties	38	0	1

PAs were asked if they plan to retire, or leave their Vermont practice, within the next 12 months, and, separately, whether they plan to reduce their patient care hours in Vermont within the next 12 months. No PAs answered 'yes' to both questions.

Vermont Physician Assistants by Health Related Geographical Regions

Table 22 -- VT Physician Assistants, 2022
 Numbers of PAs, 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 TOTAL		402	116	303
		326.2	87.5	238.7
		14093	3663	10430
Barre		43	11	33
		25.3	8.3	17.0
		1096	354	743
Bennington		25	6	21
		18.4	4.4	14.0
		818	177	641
Brattleboro		21	5	16
		13.0	3.5	9.5
		573	141	432
Burlington		158	34	127
		128.2	26.7	101.5
		5587	1159	4429
Middlebury		14	2	13
		8.6	1.6	7.0
		379	71	308
Morrisville		11	1	10
		6.0	.0	5.9
		239	1	238
Newport		7	5	2
		6.2	4.7	1.5
		252	192	60
Randolph		9	3	7
		6.4	1.9	4.5
		258	75	183
Rutland		44	16	30
		35.9	13.1	22.8
		1486	526	960
Springfield		30	12	20
		18.5	7.4	11.1
		794	320	474
St. Albans		26	9	18
		19.3	6.6	12.7
		817	278	538
St. Johnsbury		14	2	12
		10.2	1.8	8.4
		463	71	392
White River Jct		31	9	22
		21.7	6.5	15.2
		935	260	675

In this table PAs may be counted more than once (Note 4).

11 PAs providing 8.5 FTEs were missing location information and are only included in the statewide total row.

Table 23 -- VT Physician Assistants, 2022
 Numbers of Primary Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by Hospital Service Area

Count FTEs Hours	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	116 87.5 3663	95 71.2 2941	14 10.6 491	2 1.5 61	5 4.3 170
Barre	11 8.3 354	10 7.6 324	1 .8 30	.. .. .	.. .. .
Bennington	6 4.4 177	3 2.0 80	1 .6 25	. . . . .	2 1.8 72
Brattleboro	5 3.5 141	4 2.8 111	1 .8 30	.. .. .	.. .. .
Burlington	34 26.7 1159	26 19.8 838	6 5.1 249	1 1.0 40	1 .8 32
Middlebury	2 1.6 71	2 1.6 71	.. .. .	.. .. .	.. .. .
Morrisville	1 .0 1	1 .0 1	.. .. .	.. .. .	.. .. .
Newport	5 4.7 192	5 4.7 192	.. .. .	.. .. .	.. .. .
Randolph	3 1.9 75	2 1.4 55	1 .5 20	.. .. .	.. .. .
Rutland	16 13.1 526	16 13.1 526	.. .. .	.. .. .	.. .. .
Springfield	12 7.4 320	9 5.2 210	2 1.5 84	. . . . .	1 .7 26
St. Albans	9 6.6 278	7 5.6 236	1 .5 21	1 .5 21	.. .. .
St. Johnsbury	2 1.8 71	2 1.8 71	.. .. .	.. .. .	.. .. .
White River Jct	9 6.5 260	7 4.7 188	1 .8 32	. . . . .	1 1.0 40

In this table PAs may be counted more than once (Note 3).
 2 PAs providing 1.0 primary care FTE were missing location
 information and are only included in the statewide total row.

Table 24 -- VT Physician Assistants, 2022
 Numbers of Specialty Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by Hospital Service Area

Count FTEs Hours	SPECIALTY CARE TOTAL	ANESTH- ESIOLOG.	DERMAT- OLOGY	EMERGENCY MEDICINE	URGENT CARE	ORTHOP. SURGERY	OTHER SURGERY	ALL OTHER
STATEWIDE TOTAL	303 238.7 10430	19 18.1 842	21 18.7 805	80 47.2 2006	52 28.0 1299	45 40.8 1708	21 17.3 732	94 68.6 3038
Barre	33 17.0 743	8 2.2 119	2 .8 48	6 4.2 169	11 5.2 224	3 2.3 92	.	5 2.3 91
Bennington	21 14.0 641	6 4.5 190	.	5 1.9 89	7 3.5 159	2 2.0 90	.	3 2.1 114
Brattleboro	16 9.5 432	.	.	10 5.4 243	.	4 3.8 177	.	2 .3 13
Burlington	127 101.5 4429	13 11.4 533	15 12.8 538	20 11.4 478	13 6.1 300	16 14.1 568	12 10.4 434	46 35.3 1579
Middlebury	13 7.0 308	.	1 <.05 0	6 3.2 135	1 .1 5	2 1.9 95	.	4 1.8 73
Morrisville	10 5.9 238	.	.	2 .1 4	.	5 4.1 166	.	3 1.7 68
Newport	2 1.5 60	.	.	.	.	1 1.0 40	.	1 .5 20
Randolph	7 4.5 183	.	.	1 .9 35	.	1 .9 36	3 2.2 91	2 .5 21
Rutland	30 22.8 960	.	.	8 5.6 226	3 .5 22	3 3.0 122	2 1.8 70	16 11.9 520
Springfield	20 11.1 474	.	.	8 1.8 79	8 4.0 176	2 1.8 72	.	4 3.4 147
St. Albans	18 12.7 538	.	.	4 2.6 108	8 4.9 204	3 3.0 132	.	4 2.2 94
St. Johnsbury	12 8.4 392	.	.	4 2.5 100	3 1.9 111	3 2.9 120	2 1.1 57	2 .1 5
White River Jct	22 15.2 675	.	2 2.0 95	13 7.5 340	1 .1 4	.	1 1.0 40	6 4.7 197

In this table PAs may be counted more than once (see Note 3).
 'Urgent Care' here includes Family Medicine in walk-in settings.
 'Other Surgery' here includes General Surgery.

10 PAs providing 7.5 specialty care FTEs were missing location
 information and are only included in the statewide total row.

Table 25 -- VT Physician Assistants, 2022
 Primary Care Provider FTE to Population Ratios
 by Hospital Service Area

Health Care Area	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	87.5	647,064	13.5	7,396
Barre	8.3	68,269	12.2	8,182
Bennington	4.4	40,947	10.7	9,359
Brattleboro	3.5	33,842	10.4	9,635
Burlington	26.7	189,755	14.1	7,099
Middlebury	1.6	29,173	5.3	18,821
Morrisville	.0	27,637	.1	947,554
Newport	4.7	28,264	16.5	6,057
Randolph	1.9	14,534	12.9	7,751
Rutland	13.1	61,046	21.5	4,655
Springfield	7.4	28,454	26.0	3,847
St. Albans	6.6	46,807	14.2	7,061
St. Johnsbury	1.8	27,789	6.4	15,656
White River Jct	6.5	50,547	12.8	7,791

Only primary care PAs are included in this table.
 One FTE is 40 (or more) hours per week, 48 weeks per year
 or more. The FTEs are rounded to one digit for display
 only - the ratios were calculated using the unrounded values.

Population estimates are from the Census Bureau for July 2022.

(see note 7)

2 PAs providing 1.0 primary care FTEs were missing location
 information and are only included in the statewide total row.

Table 26 -- VT Physician Assistants, 2022
 Numbers of PAs, 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 TOTAL		402 326.2 14093	116 87.5 3663	303 238.7 10430
Barre		43 25.3 1096	11 8.3 354	33 17.0 743
Bennington		23 18.2 809	6 4.4 177	18 13.8 632
Brattleboro		23 13.3 581	5 3.5 141	18 9.7 441
Burlington		156 126.3 5508	32 24.8 1079	127 101.5 4429
Middlebury		14 8.6 379	2 1.6 71	13 7.0 308
Morrisville		11 6.0 239	1 .0 1	10 5.9 238
Newport		7 6.2 252	5 4.7 192	2 1.5 60
Rutland		44 35.9 1486	16 13.1 526	30 22.8 960
Springfield		47 30.7 1341	17 11.2 473	32 19.5 868
St. Albans		28 21.2 896	11 8.5 358	18 12.7 538
St. Johnsbury		14 10.2 463	2 1.8 71	12 8.4 392
White River Jct		23 15.8 646	7 4.5 182	17 11.3 464

In this table PAs may be counted more than once (Notes 4,5).

11 PAs providing 8.5 FTEs were missing location information and are only included in the statewide total row.

Table 27 -- VT Physician Assistants, 2022
 Numbers of Primary Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by Local Health District

Count FTEs Hours	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	116 87.5 3663	95 71.2 2941	14 10.6 491	2 1.5 61	5 4.3 170
Barre	11 8.3 354	10 7.6 324	1 .8 30	.. .. .	.. .. .
Bennington	6 4.4 177	3 2.0 80	1 .6 25	. . . . .	2 1.8 72
Brattleboro	5 3.5 141	4 2.8 111	1 .8 30	.. .. .	.. .. .
Burlington	32 24.8 1079	24 17.9 758	6 5.1 249	1 1.0 40	1 .8 32
Middlebury	2 1.6 71	2 1.6 71	.. .. .	.. .. .	.. .. .
Morrisville	1 .0 1	1 .0 1	.. .. .	.. .. .	.. .. .
Newport	5 4.7 192	5 4.7 192	.. .. .	.. .. .	.. .. .
Rutland	16 13.1 526	16 13.1 526	.. .. .	.. .. .	.. .. .
Springfield	17 11.2 473	13 8.3 331	3 2.3 116	. . . . .	1 .7 26
St. Albans	11 8.5 358	9 7.5 316	1 .5 21	1 .5 21	.. .. .
St. Johnsbury	2 1.8 71	2 1.8 71	.. .. .	.. .. .	.. .. .
White River Jct	7 4.5 182	5 3.0 122	1 .5 20	. . . . .	1 1.0 40

In this table PAs may be counted more than once (Note 4).
 See Note 6 for description of OB/GYN classification.

2 PAs providing 1.0 primary care FTEs were missing location
 information and are only included in the statewide total row.

Table 28 -- VT Physician Assistants, 2022
 Numbers of Specialty Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by Local Health District

Count FTEs Hours	SPECIALTY CARE TOTAL	ANESTH- ESIOLOG.	DERMAT- OLOGY	EMERGENCY MEDICINE	URGENT CARE	ORTHOP. SURGERY	OTHER SURGERY	ALL OTHER
STATEWIDE TOTAL	303 238.7 10430	19 18.1 842	21 18.7 805	80 47.2 2006	52 28.0 1299	45 40.8 1708	21 17.3 732	94 68.6 3038
Barre	33 17.0 743	8 2.2 119	2 .8 48	6 4.2 169	11 5.2 224	3 2.3 92	. . . . .	5 2.3 91
Bennington	18 13.8 632	6 4.5 190	. . . . .	4 1.7 81	5 3.5 158	2 2.0 90	. . . . .	3 2.1 114
Brattleboro	18 9.7 441	. . . . .	. . . . .	11 5.6 251	2 .0 1	4 3.8 177	. . . . .	2 .3 13
Burlington	127 101.5 4429	13 11.4 533	15 12.8 538	20 11.4 478	13 6.1 300	16 14.1 568	12 10.4 434	46 35.3 1579
Middlebury	13 7.0 308	. . . . .	1 .0 0	6 3.2 135	1 .1 5	2 1.9 95	. . . . .	4 1.8 73
Morrisville	10 5.9 238	. . . . .	. . . . .	2 .1 4	. . . . .	5 4.1 166	. . . . .	3 1.7 68
Newport	2 1.5 60	. . . . .	. . . . .	. . . . .	. . . . .	1 1.0 40	. . . . .	1 .5 20
Rutland	30 22.8 960	. . . . .	. . . . .	8 5.6 226	3 .5 22	3 3.0 122	2 1.8 70	16 11.9 520
Springfield	32 19.5 868	. . . . .	2 2.0 95	18 7.3 340	9 4.1 180	2 1.8 72	. . . . .	5 4.3 181
St. Albans	18 12.7 538	. . . . .	. . . . .	4 2.6 108	8 4.9 204	3 3.0 132	. . . . .	4 2.2 94
St. Johnsbury	12 8.4 392	. . . . .	. . . . .	4 2.5 100	3 1.9 111	3 2.9 120	2 1.1 57	2 .1 5
White River Jct	17 11.3 464	. . . . .	. . . . .	5 2.8 113	. . . . .	1 .9 36	4 3.2 131	7 4.4 184

In this table PAs may be counted more than once (see Note 4).
 'Urgent Care' here includes Family Medicine in walk-in settings.
 'Other Surgery' here includes General Surgery.

10 PAs providing 7.5 specialty care FTEs were missing location information and are only included in the statewide total row.

Table 29 -- VT Physician Assistants, 2022
 Primary Care Provider FTE to Population Ratios
 by Local Health District

District	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	87.5	647,064	13.5	7,396
Barre	8.3	67,327	12.4	8,069
Bennington	4.4	37,392	11.7	8,547
Brattleboro	3.5	38,029	9.2	10,827
Burlington	24.8	169,273	14.7	6,818
Middlebury	1.6	37,426	4.1	24,146
Morrisville	.0	32,330	.1	1,108,457
Newport	4.7	28,264	16.5	6,057
Rutland	13.1	60,546	21.7	4,617
Springfield	11.2	34,078	32.9	3,037
St. Albans	8.5	58,220	14.6	6,826
St. Johnsbury	1.8	34,251	5.2	19,296
White River Jct	4.5	49,928	9.1	11,003

Only primary care PAs are included in this table.
 One FTE is 40 (or more) hours per week, 48 weeks per year
 or more. The FTEs are rounded to one digit for display
 only - the ratios were calculated using the unrounded values.

Population estimates are from the Census Bureau for July 2022
 (Note 7).

2 PAs providing 1.0 primary care FTEs were missing location
 information and are only included in the statewide total row.

**Vermont Physician Assistants
Comparisons Between 2012, 2020 and 2022**

Table 30 -- VT PAs, 2020 and 2022
Changes in Number of PAs, Patient Care Hours
and Specialties, between 2020 and 2022

	2020	2022	Change	
TOTAL	356	402	+46	+13%
Age groups:				
Younger than 35	89	84	-5	-6%
35 - 44	113	152	+39	+35%
45 - 54	81	86	+5	+6%
55 - 64	57	60	+3	+5%
65 and older	16	20	+4	+25%
Gender:				
Male	134	141	+7	+5%
Female	221	250	+29	+13%
Patient care hours:				
40 or more hours/week	172	176	+4	+2%
30 to under 40 hours/week	114	136	+22	+19%
Less than 30 hours/week	70	89	+19	+27%
Main specialty:				
Primary Care Total	114	110	-4	-4%
Family Practice	91	89	-2	-2%
Internal Medicine	17	14	-3	-18%
Ob/Gyn	2	2	0	0%
Pediatrics	4	5	+1	+25%
Specialty Care Total	242	292	+50	+21%
Anesthesiology	20	19	-1	-5%
Dermatology	15	20	+5	+33%
Emergency Medicine	55	68	+13	+24%
Hospitalist	7	11	+4	+57%
Internal Medicine	14	15	+1	+7%
Psychiatry	5	7	+2	+40%
Radiology	4	4	0	0%
Surgery: General	3	5	+2	+67%
Surgery: Orthopedic	42	45	+3	+7%
Surgery: Other	16	15	-1	-6%
Urology	2	3	+1	+50%
Urgent Care	31	37	+6	+19%
Other Specialties	28	43	+15	+54%

In 2022, there were 11 PAs who selected other gender or preferred not to answer.

Table 31 -- VT PAs, 2020 and 2022
Full Time Equivalentents (FTEs) by County

PRIMARY CARE:	2020	2022	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	93.3	87.5	-5.8
Addison County	2.6	1.6	-1.0
Bennington County	6.0	4.4	-1.6
Caledonia County	.3	1.0	+.7
Chittenden County	22.2	24.8	+2.6
Essex County	2.6	1.6	-1.0
Franklin County	7.0	7.9	+.9
Grand Isle County	.7	.7	.
Lamoille County	.8	.0	-.8
Orange County	2.2	2.9	+.7
Orleans County	4.0	3.9	-.1
Rutland County	15.2	13.1	-2.1
Washington County	8.7	8.3	-.4
Windham County	8.4	5.2	-3.2
Windsor County	12.7	11.2	-1.5
 SPECIALTY CARE:			
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	204.0	238.7	+34.7
Addison County	6.9	7.0	+.1
Bennington County	11.2	13.8	+2.6
Caledonia County	5.1	8.4	+3.3
Chittenden County	93.2	101.5	+8.3
Essex County	.	.	.
Franklin County	12.0	12.7	+.7
Grand Isle County	.	.	.
Lamoille County	5.5	5.8	+.3
Orange County	3.4	4.5	+1.1
Orleans County	2.8	1.6	-1.2
Rutland County	17.3	22.8	+5.5
Washington County	17.2	17.0	-.2
Windham County	10.3	10.6	+.3
Windsor County	17.5	25.4	+7.9

For 2020, XX PAs providing 1.4 specialty care FTEs were missing location data.
For 2022, 2 PAs providing 1.0 primary care FTEs and 10 PAs providing 7.5 specialty care FTEs were missing location data.
These FTEs are only included in statewide total rows.

Table 32 -- VT PAs, 2012 and 2022
 Changes in Number of PAs, Patient Care Hours
 and Specialties, between 2012 and 2022

	2012	2022	Change	
TOTAL	240	402	+162	+68%
Age groups:				
Younger than 35	51	84	+33	+65%
35 - 44	69	152	+83	+120%
45 - 54	64	86	+22	+34%
55 - 64	50	60	+10	+20%
65 and older	6	20	+14	+233%
Gender:				
Male	103	141	+38	+37%
Female	137	250	+113	+82%
Patient care hours:				
40 or more hours/week	130	176	+46	+35%
30 to under 40 hours/week	55	136	+81	+147%
Less than 30 hours/week	55	89	+34	+62%
Main specialty:				
Primary Care Total	98	110	+12	+12%
Family Practice	77	89	+12	+16%
Internal Medicine	12	14	+2	+17%
Ob/Gyn	6	2	-4	-67%
Pediatrics	3	5	+2	+67%
Specialty Care Total	142	292	+150	+106%
Anesthesiology	12	19	+7	+58%
Dermatology	8	20	+12	+150%
Emergency Medicine	43	68	+25	+58%
Hospitalist	0	11	+11	
Internal Medicine	10	15	+5	+50%
Psychiatry	3	7	+4	+133%
Radiology	3	4	+1	+33%
Surgery: General	5	5	0	0%
Surgery: Orthopedic	33	45	+12	+36%
Surgery: Other	8	15	+7	+88%
Urology	4	3	-1	-25%
Urgent Care	0	37	+37	
Other Specialties	13	43	+30	+231%

In 2022, there were 11 PAs who selected other gender or preferred not to answer.

Table 33 -- VT PAs, 2012 and 2022
Full Time Equivalent (FTEs) by County

PRIMARY CARE:	2012	2022	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	67.0	87.5	+20.5
Addison County	.9	1.6	+ .7
Bennington County	2.0	4.4	+2.4
Caledonia County	1.2	1.0	-.2
Chittenden County	13.6	24.8	+11.2
Essex County	2.4	1.6	-.8
Franklin County	8.0	7.9	-.1
Grand Isle County	1.0	.7	-.3
Lamoille County	.	.	.
Orange County	3.8	2.9	-.9
Orleans County	4.0	3.9	-.1
Rutland County	8.4	13.1	+4.7
Washington County	10.4	8.3	-2.1
Windham County	4.8	5.2	+.4
Windsor County	6.6	11.2	+4.6
SPECIALTY CARE:	2012	2022	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	105.7	238.7	+133.0
Addison County	3.2	7.0	+3.8
Bennington County	3.8	13.8	+10.0
Caledonia County	2.0	8.4	+6.4
Chittenden County	48.5	101.5	+53.0
Essex County	.	.	.
Franklin County	4.8	12.7	+7.9
Grand Isle County	.	.	.
Lamoille County	3.8	5.8	+2.0
Orange County	4.4	4.5	+.1
Orleans County	3.0	1.6	-1.4
Rutland County	9.5	22.8	+13.3
Washington County	5.2	17.0	+11.8
Windham County	3.4	10.6	+7.2
Windsor County	14.1	25.4	+11.3

For 2022, 2 PAs providing 1.0 primary care FTEs and 10 PAs providing 7.5 specialty care FTEs were missing location data. These FTEs are only included in statewide total rows.

Appendices

Appendix A. General Notes and Terms

Definition of Active Physician Assistant

A physician assistant (PA) who was relicensed for the period 2022-2023 in Vermont, and who provided patient care hours in Vermont (not as locum tenens) as reported in the census, is considered an active physician assistant. This includes anesthesiologist assistants (AA) and radiologist assistants (RA).

Physician assistants not represented in these tables

Only active PAs are reported. Those who hold a Vermont license but are not actively in practice in Vermont are excluded from all tables.

Specialties

Physician assistants reported their specialties using a predefined list. See Table 13 for the exact specialties reported. For the rest of the tables the detailed specialties were grouped in the following way:

Primary Care

- Family Practice includes general practice, family medicine, and geriatric medicine – but only if practiced in a “medical home” setting – not inpatient and not walk-in or urgent care.
- Internal Medicine includes general internal medicine and geriatric internal medicine.
- Obstetrics and Gynecology (Ob/Gyn) includes physician assistants who reported a solely gynecological practice or a solely obstetrical practice, along with those who reported both obstetrics and gynecology.
- Pediatrics includes pediatric primary care as well as adolescent medicine.

Specialty Care

- Hospitalist – now considered a specialty
- Internal Medicine includes several internal medicine subspecialties
- Other Surgery includes most other (non-orthopedic) surgical specialties, such as general vascular surgery, abdominal surgery, cardiovascular surgery, colon and rectal surgery, neurological surgery, oral and maxillofacial surgery, pediatric surgery, surgical critical care, thoracic surgery, and traumatic surgery.
- Urgent Care includes family and internal medicine and general practice in the urgent care setting.

- Other Specialties includes all specialties not listed above, including family medicine and general practice in non-primary-care settings.

Determination of a physician assistant’s main specialty

A PA’s “main” specialty is the specialty group in which the PA works the most hours. In case of a tie (equal hours reported in two specialties), the specialty group listed first in the above list is chosen. This has the effect of choosing primary care over specialty care, and more specific specialties over the “other specialties” category, in case of a tie.

Definition of Full Time Equivalent (FTE)

Reported hours per week were prorated based on the number of work weeks per year. Full time is defined as 40 patient care hours per week or more, for 48 weeks per year. Reported hours per week were adjusted to an annual average, based on a standard of 48 weeks per year. E.g., if 52 weeks were reported, the hours were multiplied by 52/48. A physician reporting more than 40 (adjusted) hours per week is defined as one FTE regardless of the number of hours. See the following examples:

		<u>Weeks</u>	<u>Hours</u>	<u>FTE</u>
Example 1:	Primary Care	48	10	0.25
	Specialty Care	48	10	0.25
	Total		20	0.50
Example 2:	Primary Care	52	10	0.27
	Specialty Care	52	10	0.27
	Total		20	0.54
Example 3:	Primary Care	52	20	0.50
	Specialty Care	52	20	0.50
	Total		40	1.00
Example 4:	Primary Care	48	35	0.50
	Specialty Care	24	70	0.50
	Total		70	1.00

In the first example, the physician assistant works half-time and has hours split equally between primary and specialty care. The second example is similar except for the number of weeks being more than 48 so the FTEs are adjusted upwards. The pattern is the same in Example 3, except the hours total 40 for 1.0 FTE, and the adjustment for 52 weeks does not matter since the total FTE for a person is never more than 1.0. In the fourth example the physician assistant spends an average of 70 hours per week in patient care: 35 hours of

primary care every week, and 70 hours of specialty care in each of only 24 weeks per year. This is calculated as 1.0 FTE total, and 0.5 FTE for each of primary care and specialty care.

Health Care Areas

In this report we use Health Care Areas (HCAs) as defined by the Vermont Blueprint for Health rather than Hospital Service Areas (HSAs). Those are similar to the HSAs, with the main differences affecting the White River Junction HSA, which is split into three parts: the northern part is called Upper Valley, the Southern part is called Windsor, and the middle part is appended to the Randolph area. For a map of these HCAs see Appendix E.

Determination of a physician assistant's main County (or other area)

Main county is the county in which the physician assistant practices the greatest number of patient care hours. Similarly for main hospital service area, etc.

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 physician assistants are exact integers, however, and should add up to displayed totals.

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

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

Other tables count some PAs in more than one row or column, e.g., in every county the PA works in, 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.

Urgent Care

“Urgent Care” is used in three different ways in this report. First, it is a setting, such as “walk-in” and “express care” centers. Second, it was reported as a specialty, although it is not a board-certified specialty for PAs at this time. A few PAs reported the urgent care specialty in settings other than urgent care, e.g., emergency departments and ski areas.

Third, it appears in this report as a specialty group, which includes the urgent care specialty (in any setting), along with family medicine, internal medicine, and general practice where reported in the urgent care setting.

Appendix B. Notes for specific tables

1. Calculation of Age

Ages are computed as 2022 minus the year of birth. Ages in earlier years, referred to in some tables, are as of those earlier times.

2. “Main” Specialty and “Main” County determined independently

Each physician assistant’s main practice specialty, and main county of practice, are determined independently, and used to determine the row and column in the table in which this physician assistant will be counted. Secondary specialties and counties are ignored. A physician assistant may practice their main specialty primarily in a county other than their main overall county, but that is ignored in this table.

3. Tables listing physician assistant Full Time Equivalent (FTE) and Hours by County or by other geographical areas:

These tables count each physician assistant who provides primary and/or specialty care in that county or area. The same physician assistant may be counted in more than one town, more than one area, and in both the “primary” and “specialty” columns.

Because of this inclusive approach taken in tallying physician assistants across many 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 to the area totals which sum the town-level physician assistant counts, the state totals which sum the area-level counts, and the “Total” of primary and secondary care combined. Unlike the totals for the counts of physician assistants, 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).

See also Note 9 regarding the calculation of weekly hours and FTEs.

4. Population Estimates

Population estimates are for July 1, 2022, as released by the Census Bureau.

5. “Main” Setting and “Main” Specialty determined independently

Each PA's main practice setting and their main specialty are determined independently and are used to determine the row and column in the table in which the PA will be counted. Secondary settings and specialties are ignored. A PA may practice their main specialty primarily in a setting other than their main overall setting, but that is ignored in this table.

6. Availability of Care

The survey form allowed the physician assistant to answer the questions whether they accept new patients ("availability") separately for each site.

In the table depicting availability of care by specialty by person, each PA is counted once, in his or her main specialty. A PA is counted as accepting new patients if they accept new patients at any site, and as participating in Medicaid or Medicare if they participate at any site. In the table depicting availability of care by specialty by FTE, all sites are counted, but weighted by FTE.

Emergency medicine, pathology, radiology, urgent care, and hospitalist specialties are excluded regardless of setting. The following specialties are excluded from the "accept Medicare patients" statistic (both numerator and denominator): all pediatric specialties (including adolescent medicine), maternal & fetal medicine, reproductive endocrinology, and child and adolescent psychiatry.

7. Practice settings included

Only office-based settings were counted for this purpose. This includes solo practice, group practice (single- or multi-specialty), community clinics, hospital outpatient and ambulatory care centers, and those who indicated both inpatient and outpatient work.

8. Geographical Regions

States were grouped into the following regions:

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

Other Northeast: NY, NJ, PA

South: DE, MD, DC, VA, WV, NC, SC, GA, FL, KY, TN, AL, MS, AR, OK, LA, TX

Central: OH, IN, IL, MI, WI, MN, IA, MO, ND, SD, NE, KS

West: MT, WY, CO, NM, ID, UT, AZ, NV, WA, OR, CA, AK, HI

9. Patient Care Hours

"Full Time" is defined as 40 (or more) hours of direct patient care per week, for 48 or more weeks per year, in Vermont. Average weekly hours (and FTEs), based on 48 weeks per year, were computed for PAs who reported working more or less than 48 weeks per year. This results in fractional hours, and rounding errors may affect

the displayed hours. Thus, in some cases the hours in the "total" columns differ, usually by one hour, from the totals of the hours displayed in the detail columns. Some PAs provide additional patient care outside Vermont or do other types of work besides direct patient care.

Appendix C. 2022 Census and Specialty Codes

Vermont Physician Assistant Census 2022

Identification

1) First Name*

2) Middle Name (if any)

3) Last Name*

4) Vermont Physician Assistant, Anesthesiologist, or Radiologist Assistant License Number*

Demographics

5) Date of birth (M/D/YYYY)*

6) Gender

- Male
- Female
- Other

7) How would you classify your race (check all that apply):

- American Indian or Alaska Native
- Black or African American
- White
- Asian
- Native Hawaiian or other Pacific Islander
- Prefer not to answer
- Other - please specify: _____*

8) Are you Hispanic, Latino/a, or of Spanish origin?

- Yes
 - No
 - Prefer not to answer
-

Training

9) Which of the following describes the degree or certificate you were awarded upon completion of your physician, anesthesiologist, or radiologist assistant training?

- Certificate / Diploma

- Associate degree
- Bachelor's degree
- Master's degree
- Other (specify):: _____ *

10) Please enter the two letter code for the state where you completed your Physician Assistant (PA)/ Anesthesiologist Assistant (AA)/ Radiologist Assistant (RA) education: (Use 2-letter abbreviations for states; CC for Canada, XX for other foreign countries)

11) Are you certified by the National Commission on Certification of Physician Assistants (NCCPA)?

- Yes
- No

12) Have you completed Physician Assistant/AA/RA post-graduate training?

- Yes
- No

13) Have you completed specialty certification?

- Yes
- No

14) In what year did you start practicing (anywhere) as a Physician Assistant/AA/RA? (if never, leave blank)

Currently active

15) Please check all of the boxes that describe your work as a Physician Assistant/AA/RA: *

- Working IN VERMONT as a PA/AA/RA
- Working OUTSIDE Vermont as a PA/AA/RA
- Working in a position that does not require a PA license
- Not currently working
- Retired

If "Working IN VERMONT..." is selected, survey skips to Q18. If not selected, Q16 appears - if "Oops..." is selected, survey skips to Q18. If "I verify" is selected for Q16, then Q17 is asked and survey skips to final question (Q99).

16) Please verify that you do NOT work as a Physician Assistant/RA/AA in Vermont: *

- I verify that I do not work as a Physician Assistant/AA/RA in Vermont
- Oops, that is not what I meant. I do work as a Physician Assistant/AA/RA in Vermont

Resume Work

17) Do you plan to start (or resume) work and/or clinical practice in Vermont within the next 12 months?

- Yes
- No

Active in Clinical Practice

18) In what year did you start practicing as a Physician Assistant in Vermont? (if never, leave blank)

19) Do you have a (personal) NPI?

- Yes
- No

Please enter your (personal) NPI:

20) Do you plan to retire, or stop practicing in Vermont within the next 12 months?

- Yes
- No

21) Do you plan to reduce your patient care hours in Vermont within the next 12 months?

- Yes
- No

The following three questions are about your situation as a result of the coronavirus pandemic (beginning in approximately March 2020).

22) As a result of the pandemic, the total number of hours you spend in practice (clinical and administrative) has on average:

- Increased
- Decreased
- Stayed about the same

23) As a result of the pandemic, the total number of patients you see in a day on average has:

- Increased
- Decreased
- Stayed about the same
- I do not see patients

24) As a result of the pandemic, the percentage of patients who you treat using telemedicine has:

- Increased
- Decreased
- Stayed about the same
- I do not offer telemedicine

25) If the percentage of patients you treat using telemedicine has increased, do you project that the change will continue after the pandemic response is over?

- Yes
- No
- Too soon to tell

Practice Site 1 (your principal clinical practice site):

26) Please choose the best description of your practice at this site:*

- I provide local care to patients of this Vermont site
- I am elsewhere, and provide remote care to patients of this specific Vermont site
- I practice telemedicine from this Vermont site, patients are elsewhere
- I practice telemedicine from outside Vermont, some patients may be in Vermont

27) Vermont town name (not a mailing address):*

28) ZIP code of practice location (not a mailing address):*

29) Phone number of this practice location (the public access number):*

30) Practice name:

31) Street Address:

32) Who owns this practice? (This question is about the practice, not your personal contract.)

- University of Vermont Health Network
- Dartmouth-Hitchcock Health
- Other hospital owned, not affiliated with above
- Federally Qualified Health Center, or Rural Health Clinic
- Physician owned – single site
- Physician owned – multiple sites
- Other - please specify: _____*

33) Choose the one description that best fits the setting of this practice site:*

- Office-based solo physician practice
- Office-based single-specialty physician group

- Office-based multi-specialty physician group
- Hospital inpatient department
- Hospital outpatient department
- Hospital BOTH inpatient and outpatient departments
- Hospital emergency department
- Urgent care / walk in
- Federally Qualified Health Center, or Rural Health Clinic
- Community mental health center / clinic / agency
- Substance abuse / addiction clinic
- Clinic serving students in a school or college
- Other - please specify: _____ *

The following questions are about direct patient care:

34) Enter the number of weeks per year during which you provide any direct patient care here: (48 weeks per year is considered "year-round".)* _____

36) If you selected "not listed specialty", please explain: _____

37) Hours per working week in direct patient care in main specialty here: (Direct patient care includes diagnosis, treatment and clinical reporting.)* _____

39) If you selected "not listed specialty", please explain: _____

40) Hours per working week here in direct patient care in secondary specialty, if any: _____

42) Hours per working week in direct patient care in tertiary specialty, if any _____

43) Are you required to hold hospital privileges at this site?

- Yes
- No

44) Do you admit your own patients at this site or are patients admitted through your attending physician?

- Admit own patients
- Patients are admitted through attending physician
- Don't know

45) Please answer each of the following questions about *your work at this site* providing direct patient care:

	Yes	No	N/A
I will accept new patients here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I participate in Medicaid here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I will accept new Medicaid patients here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I participate in Medicare here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I will accept new Medicare patients here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

46) Do you work as a locum tenens Physician Assistant/AA/RA with a contract term of less than 12 months at this site? (A locum tenens is an employee contracted through a staffing firm or is a self-employed contractor)

- Yes
- No
- Don't Know

Have you worked here on a locum tenens basis for more than a year?

- Yes
- No

47) Does your work site accept Physician Assistant/AA/RA students?

- Yes
- No

48)

The following questions are about hours worked per week at this site in activities *other than* direct patient care:

	Hours per working week
Administration	
Teaching	
Research	
Quality improvement or patient safety activities	
Other activities	

Please describe these other activities, if any: _____

49) If there is anything else you want to tell us about your practice at this site please enter it here: _____

Second Vermont practice site

50) Do you have a second practice site in Vermont?*

yes

no

If answer is yes, site questions are repeated for up to 2 additional sites. If answer is no, survey goes to closing question (Q99).

99) Thank you. If there is anything else you want to tell us about your practice, or this census, please enter it here:

SPECIALTY CODES

(primary care specialties in boldface)

(note: codes are not in numerical order, please check them carefully)

0101 Allergy and Immunology	0801 Medical Genetics
4005 Allergy	0802 Clinical Biochemical Genetics
4015 Immunology	0804 Clinical Cytogenetics
0102 Clinical & Laboratory Immunology	0805 Clinical Genetics (MD)
4025 Pediatric Allergy	0806 Clinical Molecular Genetics
	0807 Molecular Genetics Pathology
0201 Anesthesiology	0901 Neurological Surgery
0202 Critical Care Medicine (Anesth.)	1001 Nuclear Medicine
0203 Pain Management	
0301 Colon & Rectal Surgery	1101 Obstetrics & Gynecology
	4011 Gynecology
0401 Dermatology	4020 Obstetrics
0404 Dermatological Immunology	1102 Critical Care Medicine (OBGYN)
0402 Dermatopathology	1103 Gynecologic Oncology
0405 Pediatric Dermatology	1104 Maternal & Fetal Medicine
	1105 Reproductive Endocrinology
0501 Emergency Medicine	1201 Ophthalmology
0502 Medical Toxicology	4026 Pediatric Ophthalmology
0503 Pediatric Emergency Medicine	
0504 Sports Medicine (EM)	1301 Orthopaedic Surgery
0505 Underseas Medicine (EM)	4004 Adult Reconstructive Orthopedics
	1302 Hand Surgery
0601 Family Medicine	4022 Orthopedic Surgery Of The Spine
0604 Adolescent Medicine (FM)	4023 Orthopedic Trauma
0602 Geriatric Medicine (FM)	4027 Pediatric Orthopedics
0603 Sports Medicine (FM)	4032 Sports Medicine (Ortho Surg)
	4033 Traumatic Surgery
4010 General Practice	
	1401 Otolaryngology
0701 Internal Medicine (primary care)	1402 Otology/Neurotology
0702 Adolescent Medicine (IM)	1403 Pediatric Otolaryngology
0703 Clinical Cardiac Electrophysiology	1404 Plastic Surgery Within the Head and Neck
0704 Cardiovascular Disease	1405 Sleep Medicine (otolaryng.)
0706 Clinical & Laboratory Immunology	
0705 Critical Care Medicine (IM)	1500 Pathology
0707 Endocrinology Diabetes & Metabolism	1501 Anatomic & Clinical Pathology
0708 Gastroenterology	1502 Anatomic Pathology
0709 Geriatric Medicine (IM)	1503 Clinical Pathology
0710 Hematology	1504 Blood Banking/Transfusion Medicine
0711 Infectious Disease	1505 Chemical Pathology
0717 Interventional Cardiology	1506 Cytopathology
0712 Medical Oncology	1507 Dermatopathology
0713 Nephrology	1508 Forensic Pathology
0714 Pulmonary Disease	1509 Hematology
0715 Rheumatology	1511 Medical Microbiology
0718 Sleep Medicine (IM)	1514 Molecular Genetic Pathology
0716 Sports Medicine (IM)	1512 Neuropathology
0719 Transplant Hepatology (IM)	1513 Pediatric Pathology
	4031 Radioisotopic Pathology

CODES CONTINUED ON BACK

SPECIALTY CODES

(continued)

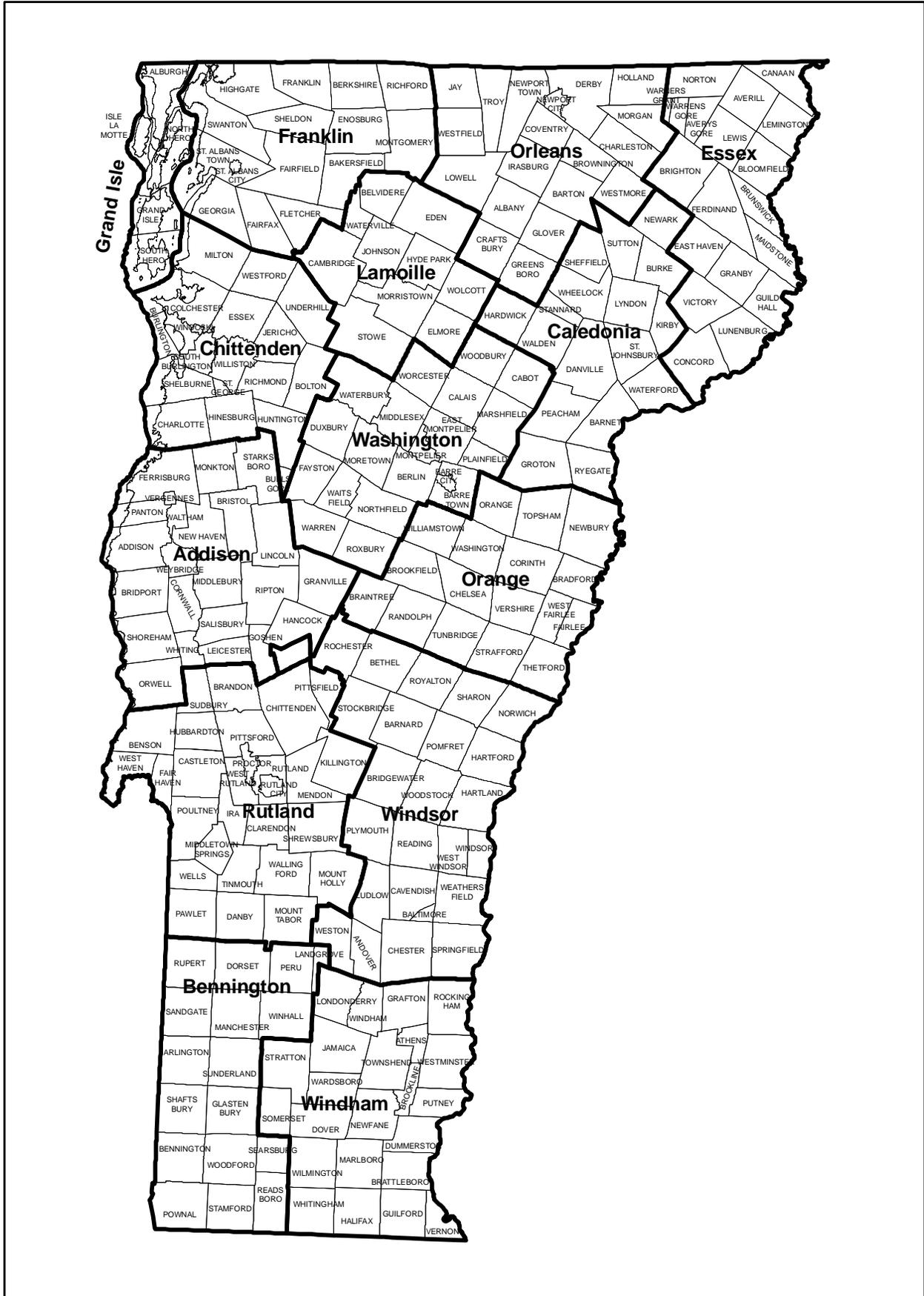
(primary care specialties in boldface)

1601	Pediatrics	2010	Pain Medicine (neurology)
1602	Adolescent Medicine	4030	Psychoanalysis
1603	Clinical & Laboratory Immunology	2011	Psychosomatic Medicine
1622	Child Abuse Medicine	2012	Sleep Medicine (psy/neuro)
1618	Developmental-Behavioral Pediatrics	2013	Vascular Neurology
1604	Medical Toxicology		
1605	Neonatal-Perinatal Medicine	2101	Radiology
1619	Neurodevelopmental Disabilities (peds)	2102	Diagnostic Radiology
1606	Pediatric Cardiology	2103	Radiation Oncology
1607	Pediatric Critical Care Medicine	2104	Radiological Physics
1608	Pediatric Emergency Medicine	4018	Neuroradiology
1609	Pediatric Endocrinology	2105	Nuclear Radiology
1610	Pediatric Gastroenterology	2106	Pediatric Radiology
1611	Pediatric Hematology-Oncology	2107	Vascular & Interventional Radiology
1612	Pediatric Infectious Disease		
1613	Pediatric Nephrology	2201	Surgery
1614	Pediatric Pulmonology	4001	Abdominal Surgery
1615	Pediatric Rheumatology	4006	Cardiovascular Surgery
1616	Pediatric Sports Medicine	4012	Head & Neck Surgery
1617	Children With Special Health Needs	4021	Oral & Maxillofacial Surgery
1620	Pediatric Transplant Hepatology	2203	Pediatric Surgery
1621	Sleep Medicine (peds)	2202	Surgery Of The Hand
		2204	Surgical Critical Care
1701	Physical Medicine & Rehabilitation	2205	Vascular Surgery
1702	Pain Medicine (phys med)		
1703	Pediatric Rehabilitation Medicine	2301	Thoracic Surgery
1704	Spinal Cord Injury Medicine		
		2401	Urology
1801	Plastic Surgery	4029	Pediatric Urology
1802	Hand Surgery		
1803	Plastic Surgery Within the Head and Neck	3201	Osteopathic Manipulative Medicine
1901	Preventive Medicine		Misc. Specialties – not board names:
1902	Aerospace Medicine	4002	Acupuncture
1903	Occupational Medicine	4003	Addiction Medicine
1904	Public Health & General Preventive	4007	Clinical Pharmacology
1905	Medical Toxicology	4013	Hepatology
1906	Underseas Medicine (PM)	4014	Homeopathic Medicine
		4040	Hospitalist
Psychiatry & Neurology		4016	Legal Medicine
(board name - not a specialty)		4017	Musculoskeletal Oncology
2001	Psychiatry	4019	Nutrition
2002	Neurology	4024	Pain Medicine
2003	Neurology With Special Qualifications In Child Neurology	4035	Phlebology
2004	Addiction Psychiatry	4036	Palliative Care
2005	Child & Adolescent Psychiatry	4034	Sleep Medicine
2008	Clinical Neurophysiology	4041	Urgent Care
2006	Forensic Psychiatry		
2007	Geriatric Psychiatry	9999	Other - Please Specify
2009	Neurodevelopmental Disabilities		

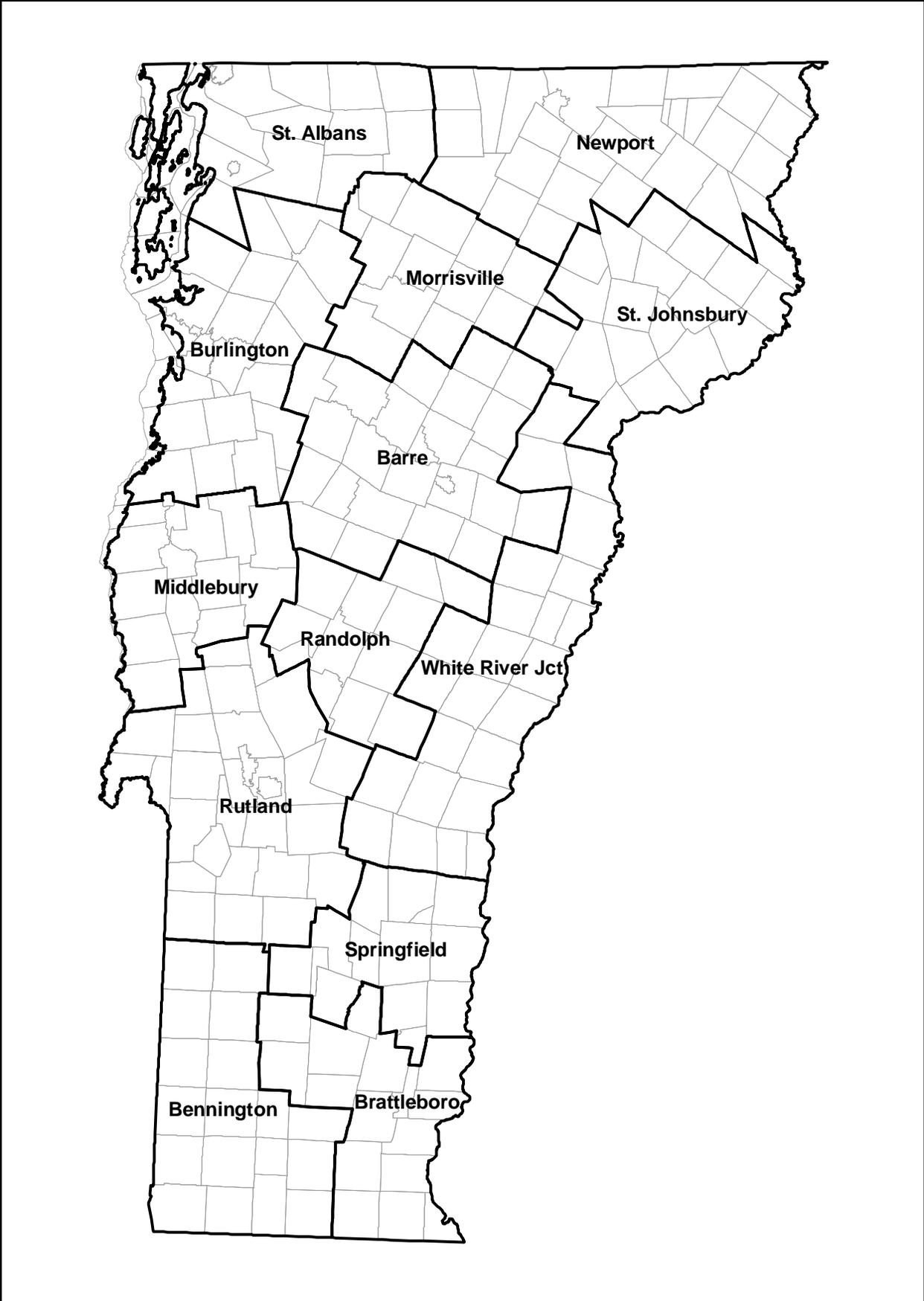
CODES CONTINUED ON FRONT

rev. 3/2013

Appendix D: Vermont Counties and Towns



Appendix E: Hospital Service Areas



Appendix F: Local Health Districts

