

Vermont Department of Health

Physician Assistants

2020 Census

Statistical Report

2020 Physician Assistants Census

Statistical Report

State of Vermont
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Department of Health
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Acknowledgments

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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 2020; 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 2020 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 in the November 2019 through January 2020 period. 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, 383 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 356 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 all of these censuses are available on the Department of Health web site, at <http://healthvermont.gov/health-statistics-vital-records/health-care-systems-reporting/health-care-workforce>.

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 included in the Appendices. Please contact us if you have any questions about the census or the report. Call or write the Department of Health, Public Health Statistics, P.O. Box 70, Burlington, VT 05402, tel. (802) 863-7300, or email AHS.VDHPhysicianCensus@vermont.gov.

Summary

- This report includes data reported by 356 physician assistants providing patient care in Vermont as of January, 2020. This includes anesthesiologist and radiologist assistants.
- 114 (32%) of the physician assistants work mainly in primary care including:
 - 91 Family Practice Medicine
 - 17 Primary Care Internal Medicine
 - 2 Obstetrics and Gynecology
 - 4 Pediatric Primary Care
- 242 (68%) of the physician assistants provide mainly specialty care including:
 - 55 Emergency Medicine
 - 61 Surgery (42 orthopedic, 3 general, 16 other)
 - 31 Urgent Care
 - 20 Anesthesiology
 - 15 Dermatology
 - 14 Internal Medicine Specialties
- Of the PAs in primary care, 13% are age 60 or older, compared to 10% of those in specialty care.
- Of the 356 physician assistants, 221, or 62%, are women.
- 36% of the women practice primary care, while 26% of the men practice primary care.
- The 356 physician assistants represent the equivalent of 297.3 full-time providers (FTEs, defined as 40 or more hours of patient care per week). This includes 93.3 FTEs in primary care and 204.0 FTEs in specialty care.
- 24% of the primary care, and 46% of the specialty care, FTEs are in Chittenden County.
- 48% of all physician assistants work full-time (40 hours of patient care per week or more) - 32% of primary care providers and 56% of specialty care providers work full time.
- Between 2018 and 2020, the number of physician assistants in primary care increased from 111 to 114, and the number in specialty care decreased from 244 to 242.
- Between 2010 and 2020, the number of physician assistants in primary care increased from 83 to 114, and the number in specialty care increased from 119 to 242.

Comparison of Selected Physician Assistant Data, 2006-2020

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

* 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, 2020
 Summary of Active Physician Assistants

TOTAL	356	(100%)
Main specialty:		
Primary Care Total	114	(32%)
Family Practice	91	(26%)
Primary Care Internal Medicine	17	(5%)
Obstetrics and Gynecology	2	(1%)
Pediatric Primary Care	4	(1%)
Specialty Care Total	242	(68%)
Anesthesiology	20	(6%)
Dermatology	15	(4%)
Emergency Medicine	55	(15%)
Hospitalist	7	(2%)
Internal Medicine Specialties	14	(4%)
Psychiatry	5	(1%)
Radiology	4	(1%)
Surgery: General	3	(1%)
Surgery: Orthopedic	42	(12%)
Surgery: Other	16	(4%)
Urology	2	(1%)
Urgent Care	31	(9%)
Other Specialties	28	(8%)
Age groups:		
Younger than 30	31	(9%)
30 - 39	124	(35%)
40 - 49	82	(23%)
50 - 54	46	(13%)
55 - 59	34	(10%)
60 - 64	23	(6%)
65 and older	16	(4%)
Gender:		
Male	134	(38%)
Female	221	(62%)
Ethnicity and Race:		
Hispanic, Latino or of Spanish origin	3	(1%)
White	337	(95%)
Native American	3	(1%)
Black	1	(0%)
Asian	6	(2%)
Native Hawaiian/ Pacific Islander	0	(0%)
Other	2	(1%)
Prefer not to answer	8	(2%)
Patient care hours:		
40 or more hours/week	172	(48%)
30 to 39 hours/week	114	(32%)
Less than 30 hours/week	70	(20%)
Number of practice sites:		
One	291	(82%)
Two	57	(16%)
Three	8	(2%)

Table 2 -- VT Physician Assistants, 2020
Age by Specialty and by Gender

	Total	Number in Age Group			Age 60+
		<40	40-59	60+	(%)
GRAND TOTAL	356	155	162	39	11%
MALES	134	45	69	20	15%
FEMALES	221	109	93	19	9%
PRIMARY CARE	114	46	53	15	13%
MALES	35	12	17	6	17%
FEMALES	79	34	36	9	11%
Family Practice	91	40	38	13	14%
Internal Medicine	17	4	11	2	12%
Ob/Gyn	2	.	2	.	.
Pediatrics	4	2	2	.	.
SPECIALTY CARE	242	109	109	24	10%
MALES	99	33	52	14	14%
FEMALES	142	75	57	10	7%
Anesthesiology	20	10	7	3	15%
Dermatology	15	4	9	2	13%
Emergency Medicine	55	27	24	4	7%
Hospitalist	7	4	3	.	.
Internal Medicine	14	6	6	2	14%
Psychiatry	5	.	4	1	20%
Radiology	4	.	4	.	.
Surgery: General	3	2	1	.	.
Surgery: Orthopedic	42	20	16	6	14%
Surgery: Other	16	5	10	1	6%
Urology	2	1	1	.	.
Urgent Care	31	19	10	2	6%
Other Specialties	28	11	14	3	11%

The 'Total' column includes one PA with 'other' gender.
See Note 1 for description of the calculation of age.

Table 3 -- VT Physician Assistants, 2020
Specialty by Gender

Specialty	Total	Male	Female	Percent Female
TOTAL	356	134	221	62%
PRIMARY CARE	114	35	79	69%
Family Practice	91	29	62	68%
Internal Medicine	17	6	11	65%
Ob/Gyn	2	.	2	100%
Pediatrics	4	.	4	100%
SPECIALTY CARE	242	99	142	59%
Anesthesiology	20	11	9	45%
Dermatology	15	4	11	73%
Emergency Medicine	55	31	24	44%
Hospitalist	7	3	4	57%
Internal Medicine	14	4	9	69%
Psychiatry	5	1	4	80%
Radiology	4	2	2	50%
Surgery: General	3	1	2	67%
Surgery: Orthopedic	42	17	25	60%
Surgery: Other	16	8	8	50%
Urology	2	.	2	100%
Urgent Care	31	9	22	71%
Other Specialties	28	8	20	71%

The 'Total' column includes one PA with 'other' gender.

Table 4 -- VT Physician Assistants, 2020
Age by County

County	Total	Number in Age Group			Age 60+
		<40	40-59	60+	(%)
STATEWIDE TOTAL					
Total	356	155	162	39	11%
Primary Care	114	46	53	15	13%
Specialists	242	109	109	24	10%
Addison County					
Primary Care	3	1	2	.	.
Specialists	8	2	6	.	.
Bennington County					
Primary Care	7	4	2	1	14%
Specialists	12	6	5	1	8%
Caledonia County					
Primary Care	1	.	.	1	100%
Specialists	7	6	1	.	.
Chittenden County					
Primary Care	28	11	15	2	7%
Specialists	109	45	52	12	11%
Essex County					
Primary Care	3	2	1	.	.
Specialists	0	.	.	.	.
Franklin County					
Primary Care	9	7	2	.	.
Specialists	13	9	3	1	8%
Grand Isle County					
Primary Care	1	.	.	1	100%
Specialists	0	.	.	.	.
Lamoille County					
Primary Care	1	.	1	.	.
Specialists	6	5	1	.	.
Orange County					
Primary Care	3	3	.	.	.
Specialists	6	.	5	1	17%
Orleans County					
Primary Care	4	1	3	.	.
Specialists	3	2	1	.	.
Rutland County					
Primary Care	17	5	9	3	18%
Specialists	22	9	11	2	9%
Washington County					
Primary Care	11	3	5	3	27%
Specialists	16	11	4	1	6%
Windham County					
Primary Care	10	3	5	2	20%
Specialists	13	3	7	3	23%
Windsor County					
Primary Care	16	6	8	2	13%
Specialists	25	10	12	3	12%

Each PA is counted once in this table - see Note 2.
See Note 1 for description of the calculation of age.

Table 5 -- VT Physician Assistants, 2020
Education and Training

	PRIMARY CARE	SPECIALTY CARE
	<hr/>	<hr/>
TOTAL	114	242
Region where trained:		
New Hampshire	21%	13%
Rest of New England	28%	27%
Other Northeast	32%	29%
South	9%	19%
Central	5%	9%
West	5%	3%
Degree awarded:		
Certificate	12%	7%
Associate Degree	3%	2%
Bachelor	13%	10%
Master	72%	82%
Certified by the NCCPA:	97%	90%
Completed post-graduate training:	13%	26%
Completed specialty certification:	4%	10%

This table uses the standard mapping of states to regions, but separates out VT and NH (Note 8).

Table 6 -- VT Physician Assistants, 2020
Years in Clinical Practice

In Clinical Practice	PRIMARY CARE		SPECIALTY CARE	
	Anywhere	In Vermont	Anywhere	In Vermont
less than a year	6 (5%)	8 (7%)	2 (1%)	13 (5%)
1 to 2 years	7 (6%)	14 (12%)	28 (12%)	43 (18%)
3 to 4 years	11 (10%)	14 (12%)	24 (10%)	38 (16%)
5 to 9 years	27 (24%)	30 (26%)	58 (24%)	59 (24%)
10 to 14 years	14 (12%)	15 (13%)	45 (19%)	37 (15%)
15 to 19 years	20 (18%)	11 (10%)	40 (17%)	30 (12%)
20 to 24 years	12 (11%)	9 (8%)	14 (6%)	7 (3%)
25 to 29 years	7 (6%)	6 (5%)	12 (5%)	6 (2%)
30 years or more	10 (9%)	7 (6%)	19 (8%)	6 (2%)
unknown	0	0	0	3
Total	114	114	242	242
Median years:	12	7	11	6

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

Table 7 -- VT Physician Assistants, 2020
FTE by Age and Gender by Specialty

	Total	FTEs in Age Group			Age 60+
		<40	40-59	60+	(%)
TOTAL	297.3	132.0	136.4	28.9	10%
MALES	112.6	39.7	59.0	13.8	12%
FEMALES	183.7	91.2	77.4	15.1	8%
PRIMARY CARE					
TOTAL	93.3	37.4	45.1	10.8	12%
MALES	29.7	9.7	15.7	4.3	15%
FEMALES	63.6	27.7	29.4	6.5	10%
Family Practice	74.2	32.3	32.4	9.5	13%
Internal Medicine	14.0	3.2	9.4	1.4	10%
Ob/Gyn	1.5	.	1.5	.	0%
Pediatrics	3.8	1.9	1.9	.	0%
SPECIALTY CARE					
TOTAL	204.0	94.6	91.3	18.1	9%
MALES	82.9	30.0	43.3	9.5	11%
FEMALES	120.1	63.5	48.0	8.6	7%
Anesthesiology	17.4	9.1	6.0	2.2	13%
Dermatology	12.8	3.2	7.8	1.8	14%
Emergency Medicine	42.8	22.4	19.3	1.1	3%
Hospitalist	5.8	3.3	2.6	.	0%
Internal Medicine	11.2	5.7	4.0	1.5	13%
Psychiatry	3.6	.	3.0	.6	17%
Radiology	3.6	.	3.6	.	0%
Surgery: General	3.0	2.0	1.0	.	0%
Surgery: Orthopedic	39.6	19.1	15.2	5.4	14%
Surgery: Other	12.7	4.0	7.7	1.0	8%
Urology	2.0	1.0	1.0	.	0%
Urgent Care	25.1	17.0	7.1	1.0	4%
Other Specialties	24.5	7.9	13.1	3.5	14%

See Note 1 for a description of the calculations of ages.
The 'Total' column includes one PA with 'other' gender.

Table 8 -- VT Physician Assistants, 2020
Full Time Equivalents (FTEs) by Age by County

County	Total	FTEs in Age Group			Age 60+
		<40	40-59	60+	(%)
STATEWIDE TOTAL					
Total	297.3	132.0	136.4	28.9	10%
Primary Care	93.3	37.4	45.1	10.8	12%
Specialists	204.0	94.6	91.3	18.1	9%
Addison County					
Primary Care	2.6	1.0	1.6	.	0%
Specialists	6.9	1.6	5.3	.	0%
Bennington County					
Primary Care	6.0	3.4	1.6	.9	15%
Specialists	11.2	5.7	5.1	.5	4%
Caledonia County					
Primary Care	.3	.	.	.3	100%
Specialists	5.1	5.0	.1	.	0%
Chittenden County					
Primary Care	22.2	9.1	11.9	1.1	5%
Specialists	93.2	36.6	46.0	10.5	11%
Essex County					
Primary Care	2.6	1.7	1.0	.	0%
Specialists	.0	.	.	.	.
Franklin County					
Primary Care	7.0	5.4	1.6	.	0%
Specialists	12.0	8.7	2.9	.5	4%
Grand Isle County					
Primary Care	.7	.	.	.7	100%
Specialists	.0	.	.	.	.
Lamoille County					
Primary Care	.8	.	.8	.	0%
Specialists	5.5	4.8	.8	.	0%
Orange County					
Primary Care	2.2	2.2	.	.	0%
Specialists	3.4	.2	2.3	.9	27%
Orleans County					
Primary Care	4.0	1.0	3.0	.	0%
Specialists	2.8	1.8	1.0	.	0%
Rutland County					
Primary Care	15.2	4.3	8.0	2.9	19%
Specialists	17.3	7.6	8.1	1.6	9%
Washington County					
Primary Care	8.7	2.3	3.7	2.6	30%
Specialists	17.2	11.3	4.9	1.0	6%
Windham County					
Primary Care	8.4	2.2	4.5	1.7	20%
Specialists	10.3	2.1	6.4	1.8	17%
Windsor County					
Primary Care	12.7	4.7	7.4	.7	5%
Specialists	17.5	8.3	8.0	1.3	7%

See Note 1 for description of the calculation of age.

Table 9 -- VT Physician Assistants, 2020
 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	356 297.3 12614	116 93.3 3835	250 204.0 8779
Addison County	15 9.5 420	3 2.6 109	13 6.9 311
Bennington County	22 17.2 721	8 6.0 242	15 11.2 479
Caledonia County	9 5.4 225	1 .3 11	8 5.1 214
Chittenden County	140 115.4 4935	28 22.2 910	112 93.2 4025
Essex County	3 2.6 104	3 2.6 104	. . .
Franklin County	24 19.0 786	9 7.0 282	15 12.0 504
Grand Isle County	1 .7 38	1 .7 38	. . .
Lamoille County	7 6.4 275	1 .8 33	6 5.5 242
Orange County	9 5.6 223	3 2.2 89	7 3.4 134
Orleans County	8 6.8 273	4 4.0 162	4 2.8 112
Rutland County	41 32.6 1344	17 15.2 617	25 17.3 727
Washington County	37 25.9 1128	11 8.7 349	28 17.2 779
Windham County	28 18.7 779	11 8.4 352	18 10.3 427
Windsor County	48 30.2 1296	17 12.7 538	31 17.5 758

In this table PAs may be counted more than once (Note 3).
 Two PAs, providing 1.4 FTEs, were missing county information and are
 only included in the statewide total row.

Table 10 -- VT Physician Assistants, 2020

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 93.3 3835	93 74.2 3049	17 14.0 558	2 1.5 58	5 3.8 170
Addison County	3 2.6 109	3 2.6 109	.. .. .	.. .. .	.. .. .
Bennington County	8 6.0 242	5 3.4 141	1 .7 29	. . . . .	2 1.8 72
Caledonia County	1 .3 11	1 .3 11	.. .. .	.. .. .	.. .. .
Chittenden County	28 22.2 910	20 16.2 670	6 4.6 184	1 .5 18	2 1.0 38
Essex County	3 2.6 104	3 2.6 104	.. .. .	.. .. .	.. .. .
Franklin County	9 7.0 282	7 5.2 210	1 .8 32	1 1.0 40	.. .. .
Grand Isle County	1 .7 38	1 .7 38	.. .. .	.. .. .	.. .. .
Lamoille County	1 .8 33	1 .8 33	.. .. .	.. .. .	.. .. .
Orange County	3 2.2 89	3 2.2 89	.. .. .	.. .. .	.. .. .
Orleans County	4 4.0 162	4 4.0 162	.. .. .	.. .. .	.. .. .
Rutland County	17 15.2 617	17 15.2 617	.. .. .	.. .. .	.. .. .
Washington County	11 8.7 349	11 8.7 349	.. .. .	.. .. .	.. .. .
Windham County	11 8.4 352	8 6.1 250	2 1.8 72	. . . . .	1 .5 30
Windsor County	17 12.7 538	9 6.2 267	7 6.0 241	. . . . .	1 .5 30

In this table providers may be counted more than once (Note 3).

Table 11 -- VT Physician Assistants, 2020
 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	EMERG- ENCY	URGENT CARE	ORTHOP. SURGERY	OTHER SURGERY	ALL OTHER
STATEWIDE TOTAL	250 204.0 8779	20 17.4 897	15 12.8 588	65 42.8 1804	43 25.1 1035	43 39.6 1697	21 15.7 663	68 50.7 2095
Addison County	13 6.9 311	. . . .	2 <.05 0	5 2.8 117	3 .6 24	3 2.5 128	. . . .	3 1.0 42
Bennington County	15 11.2 479	5 4.2 176	. . . .	2 1.9 76	2 1.1 42	3 3.0 141	. . . .	3 1.1 44
Caledonia County	8 5.1 214	. . . .	. . . .	3 1.8 73	. . . .	2 1.9 75	2 1.1 55	2 .3 11
Chittenden County	112 93.2 4025	13 9.4 482	14 12.6 580	19 12.1 498	5 2.8 115	15 13.9 582	12 10.3 436	38 32.1 1331
Essex County	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
Franklin County	15 12.0 504	. . . .	. . . .	3 2.0 89	9 6.0 248	3 2.3 90	. . . .	2 1.9 77
Grand Isle County	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
Lamoille County	6 5.5 242	. . . .	. . . .	1 1.0 39	. . . .	5 4.6 203	.. ..	.. ..
Orange County	7 3.4 134	. . . .	. . . .	1 .7 27	. . . .	1 .9 36	3 1.2 49	2 .6 22
Orleans County	4 2.8 112	. . . .	. . . .	. . . .	. . . .	1 1.0 40	. . . .	3 1.8 72
Rutland County	25 17.3 727	1 .2 16	. . . .	6 3.0 120	4 2.2 91	3 3.0 132	2 2.0 80	11 7.0 289
Washington County	28 17.2 779	6 2.7 179	. . . .	4 4.0 172	11 6.2 253	5 2.9 120	. . . .	2 1.4 55
Windham County	18 10.3 427	. . . .	. . . .	8 5.0 212	7 2.3 93	2 1.8 70	. . . .	2 1.3 52
Windsor County	31 17.5 758	. . . .	1 .2 8	20 8.4 381	7 4.0 169	2 2.0 81	2 1.1 43	3 1.8 76

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.
 Two PAs, providing 1.4 FTEs, were missing county information and are only
 included in the statewide total row.

Table 12 -- VT Physician Assistants, 2020
 Primary Care Provider FTE to Population Ratios
 by County

County	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	93.3	642,495	14.5	6,883
Addison County	2.6	37,292	6.9	14,440
Bennington County	6.0	37,271	16.0	6,246
Caledonia County	.3	30,184	.9	111,449
Chittenden County	22.2	168,289	13.2	7,579
Essex County	2.6	5,910	44.0	2,273
Franklin County	7.0	49,996	13.9	7,169
Grand Isle County	.7	7,278	9.8	10,153
Lamoille County	.8	25,914	3.2	31,731
Orange County	2.2	29,259	7.6	13,150
Orleans County	4.0	27,355	14.6	6,839
Rutland County	15.2	60,455	25.2	3,969
Washington County	8.7	59,748	14.6	6,862
Windham County	8.4	45,844	18.2	5,490
Windsor County	12.7	57,700	22.0	4,546

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 2020.
 (see Note 4)

Vermont Physician Assistants' Practice Characteristics

Table 13 -- VT Physician Assistants, 2020
Detailed Specialty List

SPECIALTY GROUP Specialty	Count of PAs Working in Specialty		
	As Main Specialty	As Secondary Specialty	FTEs
TOTAL	356		297.3
FAMILY PRACTICE			
Adolescent Medicine (FP)	2	0	1.8
Family Practice	79	1	64.9
General Practice	10	1	7.5
INTERNAL MEDICINE (PRIMARY)	17	0	14.0
OB/GYN			
Gynecology	1	0	.5
Obstetrics & Gynecology	1	0	1.0
PEDIATRICS (PRIMARY)			
Adolescent Medicine (Pediatrics)	0	1	.2
Pediatrics (general)	4	0	3.6
ANESTHESIOLOGY			
Anesthesiology	18	0	16.0
Pain Management	1	0	.9
Pain Medicine	1	0	.5
DERMATOLOGY	15	0	12.8
EMERGENCY MEDICINE			
Emergency Medicine	54	10	42.6
Underseas Medicine (EM)	1	0	.1
HOSPITALIST	7	2	5.8
INTERNAL MEDICINE (SPECIALTY)			
Cardiac Electrophysiology	1	0	.1
Cardiovascular Disease	2	1	2.0
Critical Care Internal Medicine	2	1	2.5
Hematology (Internal Medicine)	1	1	1.1
Hematology-Oncology (IM)	1	0	.9
Infectious Disease	1	0	.1
Internal Medicine (subspecialty)	1	1	.5
Medical Oncology	3	0	2.0
Pulmonary Disease	2	0	2.0
PSYCHIATRY	5	0	3.6
RADIOLOGY			
Diagnostic Radiology	1	0	.9
Neuroradiology	1	0	.8
Vascular/Interventional Radiology	2	0	2.0

(continued on next page)

Table 13 -- VT Physician Assistants, 2020
Detailed Specialty List (continued)

SPECIALTY GROUP Specialty	Count of PAs Working in Specialty		
	As Main Specialty	As Secondary Specialty	FTEs
SURGERY: GENERAL	3	0	3.0
SURGERY: ORTHOPEDIC			
Adult Reconstructive Orthopedics	1	0	1.0
Hand Surgery (Orthopedic)	3	0	2.5
Orthopedic Surgery	27	1	25.8
Orthopedic Surgery Of The Spine	6	0	5.4
Orthopedic Surgery: Sports	4	2	4.0
Pediatric Orthopedics	1	0	.9
SURGERY: OTHER			
Abdominal Surgery	2	1	2.1
Cardiovascular Surgery	3	0	1.8
General Vascular Surgery	2	1	1.6
Neurological Surgery	4	0	2.2
Surgical Critical Care	1	0	1.0
Thoracic Surgery	2	0	2.0
Unlisted Specialty	2	0	2.0
UROLOGY	2	1	2.0
URGENT CARE			
FM in urgent care setting	3	1	2.2
GP in urgent care setting	1	3	1.1
Urgent Care	27	8	21.8
OTHER SPECIALTIES			
Addiction Medicine	4	1	3.8
FM in hospital or ED setting	0	2	.6
General Practice (in hospital)	2	1	2.0
Gynecologic Oncology	2	0	1.9
Neonatal-perinatal Medicine	2	0	2.0
Occupational Medicine	3	1	2.6
Otolaryngology	5	0	3.7
Physical Medicine & Rehabilitation	1	0	1.0
Plastic Surgery	2	0	2.0
Sleep Medicine (psych/neuro)	1	0	1.0
Urogynecology	1	0	.5
Unlisted Specialty	5	1	3.4

Table 14 -- VT Physician Assistants, 2020
 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	76.3	22.3	38.8	20.2	81.2	48.8	9.7
PRIMARY CARE	35.7	.	.	.	11.3	42.7	3.6
Family Practice	28.5	.	.	.	4.4	37.7	3.6
Internal Medicine	4.9	.	.	.	5.0	4.1	.
Ob/Gyn	.5	.	.	.	1.0	.	.
Pediatrics	1.9	.	.	.	.9	1.0	.
SPECIALTY CARE	40.6	22.3	38.8	20.2	69.8	6.1	6.1
Anesthesiology	2.1	.	.	.	14.2	.	1.0
Dermatology	9.8	.	.	.	3.0	.	.
Emergency Medicine	.2	2.1	37.7	.	2.2	.	.6
Hospitalist	.	.	.2	5.4	.2	.	.
Internal Medicine	2.3	.	.5	3.4	4.3	.2	.5
Psychiatry	.6	.	.	2.0	.	1.0	.
Radiology	.	.	.	.	3.6	.	.
Surgery: General	.	.	.	.	3.0	.	.
Surgery: Orthopedic	16.5	.	.	2.9	20.2	.	.
Surgery: Other	1.6	.1	.	3.0	7.9	.	.2
Urology	1.0	.	.	.	1.0	.	.
Urgent Care	2.1	19.3	.4	.	1.0	2.2	.
Other Specialties	4.4	.9	.	3.5	9.3	2.7	3.9

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

Table 15 -- VT Physician Assistants, 2020
 FTEs by Detailed Practice Settings

Practice Setting	Primary Care		Specialty Care	
	FTEs	Percent	FTEs	Percent
Total	93.3	100%	204.0	100%
Solo Practice	3.6	4%	7.3	4%
Single-Specialty Group	24.6	26%	26.0	13%
Multi-Specialty Group	7.6	8%	7.2	4%
Hospital Inpatient Dept	.	.	20.2	10%
Hospital Emergency Dept	.	.	38.8	19%
Hospital Outpatient Dept	8.8	9%	22.7	11%
Hospital In/Outpatient	2.6	3%	47.1	23%
Urgent Care / Walk-in	.	.	22.3	11%
Health Clinic/Center	42.0	45%	3.4	2%
Mental Health Center	.7	1%	.	.
Substance Abuse Center	.	.	2.7	1%
School/College	3.6	4%	.6	0%
Other	.	.	5.6	3%

Table 16 -- VT Physician Assistants, 2020

Practice Setting by Age

Practice Setting	Total	Number in Age Group		
		under 40	40-59	60 and older
TOTAL, all settings	356 (100%)	155	162	39
Solo Practice	14 (4%)	1	9	4
Single-Specialty Group	57 (16%)	28	26	3
Multi-Specialty Group	18 (5%)	10	6	2
Hospital Inpatient Dept	24 (7%)	9	13	2
Hospital Emergency Dept	47 (13%)	25	21	1
Hospital Outpatient Dept	39 (11%)	14	21	4
Hospital In/Outpatient	54 (15%)	24	25	5
Urgent Care / Walk-in	29 (8%)	15	11	3
Health Clinic/Center	56 (16%)	26	20	10
Mental Health Center	1 (0%)	.	1	.
Substance Abuse Center	3 (1%)	.	3	.
School/College	7 (2%)	1	3	3
Other	5 (1%)	1	2	2

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, 2020
Practice Setting by Gender

Practice Setting	Total	Males		Females	
TOTAL, all settings	356	134	(100%)	221	(100%)
Solo Practice	14	3	(2%)	11	(5%)
Single-Specialty Group	57	17	(13%)	40	(18%)
Multi-Specialty Group	18	9	(7%)	9	(4%)
Hospital Inpatient Dept	24	8	(6%)	16	(7%)
Hospital Emergency Dept	47	26	(19%)	21	(10%)
Hospital Outpatient Dept	39	16	(12%)	23	(10%)
Hospital In/Outpatient	54	23	(17%)	30	(14%)
Urgent Care / Walk-in	29	8	(6%)	21	(10%)
Health Clinic/Center	56	18	(13%)	38	(17%)
Mental Health Center	1	0	(0%)	1	(0%)
Substance Abuse Center	3	1	(1%)	2	(1%)
School/College	7	1	(1%)	6	(3%)
Other	5	3	(2%)	2	(1%)

Each PA is counted once in this table, in their main practice setting. The 'Total' column includes one PA with 'other' gender. Percentages are based on column totals.

Table 18 -- VT Physician Assistants, 2020
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	356	35	36	36	31	48%
PRIMARY CARE	114	34	34	35	30	32%
Family Practice	91	34	33	36	30	33%
Internal Medicine	17	33	32	34	.	29%
Ob/Gyn	2	.	.	.	.	.
Pediatrics	4	41	.	.	.	25%
SPECIALTY CARE	242	36	38	36	31	56%
Anesthesiology	20	47	52	40	46	70%
Dermatology	15	39	35	42	.	60%
Emergency Medicine	55	33	35	34	12	40%
Hospitalist	7	31	31	31	.	71%
Internal Medicine	14	32	36	27	.	50%
Psychiatry	5	29	.	30	.	40%
Radiology	4	39	.	39	.	75%
Surgery: General	3	43	.	.	.	100%
Surgery: Orthopedic	42	41	42	41	36	69%
Surgery: Other	16	33	31	33	.	69%
Urology	2	.	.	.	.	.
Urgent Care	31	32	36	28	.	52%
Other Specialties	28	35	32	37	35	46%

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 9).
See Note 1 for description of the calculation of age.

Table 19 - VT Physician Assistants, 2020
Practice Availability by Specialty

Specialty	PAs	Accept New Patients	Participate in Medicaid	Accept New Medicaid Patients	Participate in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
TOTAL	227	95%	94%	88%	96%	87%
PRIMARY CARE	107	92%	96%	88%	96%	85%
Family Practice	84	93%	99%	90%	97%	87%
Internal Medicine	17	88%	88%	82%	88%	76%
Ob/Gyn	2	100%	50%	50%	100%	50%
Pediatrics	4	100%	100%	100%	n.a.	n.a.
SPECIALTY CARE	120	98%	92%	87%	96%	89%
Anesthesiology	20	89%	92%	83%	92%	83%
Dermatology	15	92%	58%	58%	100%	92%
Internal Medicine	10	100%	100%	100%	100%	100%
Psychiatry	2	100%	100%	100%	0%	0%
Surgery: General	3	100%	100%	100%	100%	100%
Surgery: Orthopedic	40	100%	100%	100%	100%	97%
Surgery: Other	11	100%	100%	70%	100%	70%
Urology	2	100%	100%	50%	100%	50%
Other Specialties	17	100%	86%	86%	86%	86%

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, 2020
Practice Availability by Specialty

Specialty	FTEs	Accept New Patients	Participate in Medicaid	Accept New Medicaid Patients	Participate in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
TOTAL	191.3	96%	95%	89%	97%	89%
PRIMARY CARE	89.0	92%	96%	90%	96%	86%
Family Practice	69.9	93%	99%	91%	98%	89%
Internal Medicine	14.0	88%	86%	80%	86%	75%
Ob/Gyn	1.5	100%	69%	69%	100%	69%
Pediatrics	3.8	96%	96%	96%	n.a.	n.a.
SPECIALTY CARE	102.3	100%	93%	89%	97%	91%
Anesthesiology	16.3	97%	98%	87%	98%	87%
Dermatology	12.8	98%	61%	61%	100%	98%
Internal Medicine	6.8	100%	100%	100%	100%	100%
Psychiatry	1.6	100%	100%	100%	0%	0%
Surgery: General	3.0	100%	100%	100%	100%	100%
Surgery: Orthopedic	36.7	100%	100%	100%	100%	97%
Surgery: Other	9.5	100%	100%	78%	100%	78%
Urology	2.0	100%	100%	49%	100%	49%
Other Specialties	13.7	100%	85%	85%	85%	85%

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.
Medicare does not cover pediatric care.
See Note 6 regarding tabulation of availability.

Table 21 -- VT Physician Assistants, 2020
 Plan to Retire, Leave, or Reduce Hours Within 12 months

Specialty	Total PAs	Plan to Retire or Leave VT	Plan to Reduce Hours
TOTAL	356	5	15
PRIMARY CARE	114	2	6
Family Practice	91	2	5
Internal Medicine	17	0	1
Ob/Gyn	2	0	0
Pediatrics	4	0	0
SPECIALTY CARE	242	3	9
Anesthesiology	20	0	1
Dermatology	15	0	0
Emergency Medicine	55	1	1
Hospitalist	7	0	1
Internal Medicine	14	0	0
Psychiatry	5	0	0
Radiology	4	0	0
Surgery: General	3	0	0
Surgery: Orthopedic	42	0	2
Surgery: Other	16	0	1
Urology	2	0	0
Urgent Care	31	1	2
Other Specialties	28	1	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, 2020
 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		356 297.3 12614	116 93.3 3835	250 204.0 8779
Barre		37 25.9 1128	11 8.7 349	28 17.2 779
Bennington		24 17.3 725	8 6.0 242	18 11.3 483
Brattleboro		22 15.3 636	8 6.3 258	15 9.1 378
Burlington		141 116.2 4967	29 23.0 942	112 93.2 4025
Middlebury		15 9.5 420	3 2.6 109	13 6.9 311
Morrisville		7 6.4 275	1 .8 33	6 5.5 242
Newport		8 7.6 305	5 4.8 194	4 2.8 112
Randolph		10 6.5 258	4 3.1 124	7 3.4 134
Rutland		41 32.6 1344	17 15.2 617	25 17.3 727
Springfield		28 17.1 747	7 5.1 223	21 12.0 525
St. Albans		23 18.9 791	9 6.9 288	15 12.0 504
St. Johnsbury		11 7.2 297	3 2.1 83	8 5.1 214
White River Jct		26 15.5 653	11 8.9 374	15 6.6 279

Table 23 -- VT Physician Assistants, 2020
 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 93.3 3835	93 74.2 3049	17 14.0 558	2 1.5 58	5 3.8 170
Barre	11 8.7 349	11 8.7 349	.. .. .	.. .. .	.. .. .
Bennington	8 6.0 242	5 3.4 141	1 .7 29	. . . . .	2 1.8 72
Brattleboro	8 6.3 258	6 4.5 186	2 1.8 72	.. .. .	.. .. .
Burlington	29 23.0 942	21 17.0 702	6 4.6 184	1 .5 18	2 1.0 38
Middlebury	3 2.6 109	3 2.6 109	.. .. .	.. .. .	.. .. .
Morrisville	1 .8 33	1 .8 33	.. .. .	.. .. .	.. .. .
Newport	5 4.8 194	5 4.8 194	.. .. .	.. .. .	.. .. .
Randolph	4 3.1 124	3 2.2 89	1 .9 35	.. .. .	.. .. .
Rutland	17 15.2 617	17 15.2 617	.. .. .	.. .. .	.. .. .
Springfield	7 5.1 223	5 3.4 138	1 .6 25	. . . . .	1 1.0 60
St. Albans	9 6.9 288	7 5.1 216	1 .8 32	1 1.0 40	.. .. .
St. Johnsbury	3 2.1 83	3 2.1 83	.. .. .	.. .. .	.. .. .
White River Jct	11 8.9 374	6 4.3 193	5 4.5 181	.. .. .	.. .. .

In this table PAs may be counted more than once (Note 3).

Table 24 -- VT Physician Assistants, 2020
 Numbers of Specialty Care Providers, Full Time Equivalent (FTEs),
 and Total Weekly Patient Care Hours, by Hospital Service Area

Count FTEs Hours	SPECIALTY	ANESTH- ESIOLOG.	DERMAT- OLOGY	EMERGENCY MEDICINE	URGENT CARE	ORTHOP. SURGERY	OTHER SURGERY	ALL OTHER
	CARE TOTAL							
STATEWIDE TOTAL	250 204.0 8779	20 17.4 897	15 12.8 588	65 42.8 1804	43 25.1 1035	43 39.6 1697	21 15.7 663	68 50.7 2095
Barre	28 17.2 779	6 2.7 179	. . . . .	4 4.0 172	11 6.2 253	5 2.9 120	. . . . .	2 1.4 55
Bennington	18 11.3 483	5 4.2 176	. . . . .	2 1.9 76	5 1.2 46	3 3.0 141	. . . . .	3 1.1 44
Brattleboro	15 9.1 378	. . . . .	. . . . .	8 5.0 212	3 1.0 44	2 1.8 70	. . . . .	2 1.3 52
Burlington	112 93.2 4025	13 9.4 482	14 12.6 580	19 12.1 498	5 2.8 115	15 13.9 582	12 10.3 436	38 32.1 1331
Middlebury	13 6.9 311	. . . . .	2 <.05 0	5 2.8 117	3 .6 24	3 2.5 128	. . . . .	3 1.0 42
Morrisville	6 5.5 242	. . . . .	. . . . .	1 1.0 39	. . . . .	5 4.6 203	.. .. .	.. .. .
Newport	4 2.8 112	. . . . .	. . . . .	. . . . .	. . . . .	1 1.0 40	. . . . .	3 1.8 72
Randolph	7 3.4 134	. . . . .	. . . . .	1 .7 27	. . . . .	1 .9 36	3 1.2 49	2 .6 22
Rutland	25 17.3 727	1 .2 16	. . . . .	6 3.0 120	4 2.2 91	3 3.0 132	2 2.0 80	11 7.0 289
Springfield	21 12.0 525	. . . . .	. . . . .	9 3.0 151	9 5.2 214	2 2.0 81	1 .1 3	3 1.8 76
St. Albans	15 12.0 504	. . . . .	. . . . .	3 2.0 89	9 6.0 248	3 2.3 90	. . . . .	2 1.9 77
St. Johnsbury	8 5.1 214	. . . . .	. . . . .	3 1.8 73	. . . . .	2 1.9 75	2 1.1 55	2 .3 11
White River Jct	15 6.6 279	. . . . .	1 .2 8	13 5.4 231	. . . . .	. . . . .	1 1.0 40	.. .. .

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.

Table 25 -- VT Physician Assistants, 2020
 Primary Care Provider FTE to Population Ratios
 by Hospital Service Area

Hospital Service Area	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	93.3	642,495	14.5	6,883
Barre	8.7	67,845	12.8	7,792
Bennington	6.0	40,831	14.6	6,842
Brattleboro	6.3	33,760	18.5	5,402
Burlington	23.0	188,377	12.2	8,188
Middlebury	2.6	28,992	8.9	11,226
Morrisville	.8	27,358	3.0	33,500
Newport	4.8	27,843	17.2	5,801
Randolph	3.1	14,342	21.6	4,626
Rutland	15.2	61,121	24.9	4,013
Springfield	5.1	28,399	17.8	5,605
St. Albans	6.9	46,173	14.9	6,701
St. Johnsbury	2.1	27,505	7.5	13,282
White River Jct	8.9	49,949	17.7	5,644

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 2020.
 (see Note 4)

Table 26 -- VT Physician Assistants, 2020
 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		356 297.3 12614	116 93.3 3835	250 204.0 8779
Barre		37 25.9 1128	11 8.7 349	28 17.2 779
Bennington		22 17.2 721	8 6.0 242	15 11.2 479
Brattleboro		24 15.4 640	8 6.3 258	17 9.2 382
Burlington		140 115.4 4935	28 22.2 910	112 93.2 4025
Middlebury		15 9.5 420	3 2.6 109	13 6.9 311
Morrisville		7 6.4 275	1 .8 33	6 5.5 242
Newport		8 7.6 305	5 4.8 194	4 2.8 112
Rutland		41 32.6 1344	17 15.2 617	25 17.3 727
Springfield		41 24.6 1080	10 7.9 357	31 16.7 723
St. Albans		24 19.7 823	10 7.7 320	15 12.0 504
St. Johnsbury		11 7.2 297	3 2.1 83	8 5.1 214
Wht Rvr Jct		20 14.5 578	12 9.1 364	9 5.4 214

In this table PAs may be counted more than once (Note 3).

Table 27 -- VT Physician Assistants, 2020
 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 93.3 3835	93 74.2 3049	17 14.0 558	2 1.5 58	5 3.8 170
Barre	11 8.7 349	11 8.7 349	.. ..	.. ..	.. ..
Bennington	8 6.0 242	5 3.4 141	1 .7 29	. . . .	2 1.8 72
Brattleboro	8 6.3 258	6 4.5 186	2 1.8 72	.. ..	.. ..
Burlington	28 22.2 910	20 16.2 670	6 4.6 184	1 .5 18	2 1.0 38
Middlebury	3 2.6 109	3 2.6 109	.. ..	.. ..	.. ..
Morrisville	1 .8 33	1 .8 33	.. ..	.. ..	.. ..
Newport	5 4.8 194	5 4.8 194	.. ..	.. ..	.. ..
Rutland	17 15.2 617	17 15.2 617	.. ..	.. ..	.. ..
Springfield	10 7.9 357	7 5.4 238	2 1.5 59	. . . .	1 1.0 60
St. Albans	10 7.7 320	8 5.9 248	1 .8 32	1 1.0 40	.. ..
St. Johnsbury	3 2.1 83	3 2.1 83	.. ..	.. ..	.. ..
Wht Rvr Jct	12 9.1 364	7 4.6 182	5 4.6 182	.. ..	.. ..

In this table PAs may be counted more than once (Note 3).

Table 28 -- VT Physician Assistants, 2020
 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	250 204.0 8779	20 17.4 897	15 12.8 588	65 42.8 1804	43 25.1 1035	43 39.6 1697	21 15.7 663	68 50.7 2095
Barre	28 17.2 779	6 2.7 179	. . . . .	4 4.0 172	11 6.2 253	5 2.9 120	. . . . .	2 1.4 55
Bennington	15 11.2 479	5 4.2 176	. . . . .	2 1.9 76	2 1.1 42	3 3.0 141	. . . . .	3 1.1 44
Brattleboro	17 9.2 382	. . . . .	. . . . .	8 5.0 212	6 1.1 48	2 1.8 70	. . . . .	2 1.3 52
Burlington	112 93.2 4025	13 9.4 482	14 12.6 580	19 12.1 498	5 2.8 115	15 13.9 582	12 10.3 436	38 32.1 1331
Middlebury	13 6.9 311	. . . . .	2 <.05 0	5 2.8 117	3 .6 24	3 2.5 128	. . . . .	3 1.0 42
Morrisville	6 5.5 242	. . . . .	. . . . .	1 1.0 39	. . . . .	5 4.6 203	.. .. .	.. .. .
Newport	4 2.8 112	. . . . .	. . . . .	. . . . .	. . . . .	1 1.0 40	. . . . .	3 1.8 72
Rutland	25 17.3 727	1 .2 16	. . . . .	6 3.0 120	4 2.2 91	3 3.0 132	2 2.0 80	11 7.0 289
Springfield	31 16.7 723	. . . . .	1 .2 8	19 7.4 341	9 5.2 214	2 2.0 81	1 .1 3	3 1.8 76
St. Albans	15 12.0 504	. . . . .	. . . . .	3 2.0 89	9 6.0 248	3 2.3 90	. . . . .	2 1.9 77
St. Johnsbury	8 5.1 214	. . . . .	. . . . .	3 1.8 73	. . . . .	2 1.9 75	2 1.1 55	2 .3 11
Wht Rvr Jct	9 5.4 214	. . . . .	. . . . .	2 1.7 67	. . . . .	1 .9 36	4 2.2 89	2 .6 22

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.

Table 29 -- VT Physician Assistants, 2020
 Primary Care Provider FTE to Population Ratios
 by Local Health District

District	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	93.3	642,495	14.5	6,883
Barre	8.7	66,888	13.0	7,682
Bennington	6.0	37,271	16.0	6,246
Brattleboro	6.3	37,950	16.5	6,072
Burlington	22.2	168,260	13.2	7,577
Middlebury	2.6	37,144	7.0	14,382
Morrisville	.8	32,080	2.5	39,282
Newport	4.8	27,843	17.2	5,801
Rutland	15.2	60,632	25.1	3,981
Springfield	7.9	33,986	23.3	4,293
St. Albans	7.7	57,274	13.4	7,447
St. Johnsbury	2.1	33,844	6.1	16,343
Wht Rvr Jct	9.1	49,323	18.4	5,420

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 2020
 (Note 4).

Vermont Physician Assistants
Comparisons Between 2010, 2018 and 2020

Table 30 -- VT PAs, 2018 and 2020
 Changes in Number of PAs, Patient Care Hours
 and Specialties, between 2018 and 2020

	2018	2020	Change	
TOTAL	355	356	+1	+0%
Age groups:				
Younger than 35	95	89	-6	-6%
35 - 44	92	113	+21	+23%
45 - 54	90	81	-9	-10%
55 - 64	55	57	+2	+4%
65 and older	23	16	-7	-30%
Gender:				
Male	132	134	+2	+2%
Female	222	221	-1	-0%
Patient care hours:				
40 or more hours/week	158	172	+14	+9%
30 to under 40 hours/week	124	114	-10	-8%
Less than 30 hours/week	73	70	-3	-4%
Main specialty:				
Primary Care Total	111	114	+3	+3%
Family Practice	87	91	+4	+5%
Internal Medicine	16	17	+1	+6%
Ob/Gyn	2	2	0	0%
Pediatrics	6	4	-2	-33%
Specialty Care Total	244	242	-2	-1%
Anesthesiology	15	20	+5	+33%
Dermatology	15	15	0	0%
Emergency Medicine	66	55	-11	-17%
Hospitalist	6	7	+1	+17%
Internal Medicine	13	14	+1	+8%
Psychiatry	4	5	+1	+25%
Radiology	5	4	-1	-20%
Surgery: General	3	3	0	0%
Surgery: Orthopedic	47	42	-5	-11%
Surgery: Other	12	16	+4	+33%
Urology	2	2	0	0%
Urgent Care	28	31	+3	+11%
Other Specialties	28	28	0	0%

Table 31 -- VT PAs, 2018 and 2020
Full Time Equivalents (FTEs) by County

PRIMARY CARE:	2018	2020	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	87.1	93.3	+6.2
Addison County	2.4	2.6	+.2
Bennington County	5.0	6.0	+1.0
Caledonia County	.2	.3	+.1
Chittenden County	19.9	22.2	+2.3
Essex County	4.4	2.6	-1.8
Franklin County	8.8	7.0	-1.8
Grand Isle County	.5	.7	+.2
Lamoille County	.8	.8	.
Orange County	2.7	2.2	-.5
Orleans County	3.4	4.0	+.6
Rutland County	13.6	15.2	+1.6
Washington County	8.3	8.7	+.4
Windham County	5.7	8.4	+2.7
Windsor County	11.4	12.7	+1.3
SPECIALTY CARE:	2018	2020	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	204.7	204.0	-.7
Addison County	6.8	6.9	+.1
Bennington County	12.4	11.2	-1.2
Caledonia County	4.7	5.1	+.4
Chittenden County	86.8	93.2	+6.4
Essex County	.	.	.
Franklin County	9.5	12.0	+2.5
Grand Isle County	.	.	.
Lamoille County	4.1	5.5	+1.4
Orange County	4.0	3.4	-.6
Orleans County	2.8	2.8	.
Rutland County	19.4	17.3	-2.1
Washington County	13.8	17.2	+3.4
Windham County	12.7	10.3	-2.4
Windsor County	27.7	17.5	-10.2

Table 32 -- VT PAs, 2010 and 2020
 Changes in Number of PAs, Patient Care Hours
 and Specialties, between 2010 and 2020

	2010	2020	Change	
			#	%
TOTAL	202	356	+154	+76%
Main specialty:				
Primary Care Total	83	114	+31	+37%
Family Practice	60	91	+31	+52%
Internal Medicine	11	17	+6	+55%
Ob/Gyn	6	2	-4	-67%
Pediatrics	6	4	-2	-33%
Specialty Care Total	119	242	+123	+103%
Anesthesiology	0	20	+20	
Dermatology	8	15	+7	+88%
Emergency Medicine	40	55	+15	+38%
Hospitalist	0	7	+7	+.%
Internal Medicine	11	14	+3	+27%
Psychiatry	3	5	+2	+67%
Radiology	3	4	+1	+33%
Surgery: General	7	3	-4	-57%
Surgery: Orthopedic	25	42	+17	+68%
Surgery: Other	8	16	+8	+100%
Urology	5	2	-3	-60%
Urgent Care	0	31	+31	
Other Specialties	9	28	+19	+211%
Age groups:				
younger than 35	36	89	+53	+147%
35 - 44	66	113	+47	+71%
45 - 54	53	81	+28	+53%
55 - 64	46	57	+11	+24%
65 and older	1	16	+15	+1500%
Gender:				
Male	80	134	+54	+68%
Female	122	221	+99	+81%
Patient care hours:				
40 or more hours/week	119	172	+53	+45%
30 to under 40 hours/week	41	114	+73	+178%
less than 30 hours/week	42	70	+28	+67%

Table 33 -- VT PAs, 2010 and 2020
Full Time Equivalents (FTEs) by County

PRIMARY CARE:	2010	2020	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	67.0	93.3	+26.3
Addison County	.9	2.6	+1.7
Bennington County	2.0	6.0	+4.0
Caledonia County	1.2	.3	-.9
Chittenden County	13.6	22.2	+8.6
Essex County	2.4	2.6	+.2
Franklin County	8.0	7.0	-1.0
Grand Isle County	1.0	.7	-.3
Lamoille County	.	.8	+.8
Orange County	3.8	2.2	-1.6
Orleans County	4.0	4.0	.
Rutland County	8.4	15.2	+6.8
Washington County	10.4	8.7	-1.7
Windham County	4.8	8.4	+3.6
Windsor County	6.6	12.7	+6.1
SPECIALTY CARE:	2010	2020	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	105.7	204.0	+98.3
Addison County	3.2	6.9	+3.7
Bennington County	3.8	11.2	+7.4
Caledonia County	2.0	5.1	+3.1
Chittenden County	48.5	93.2	+44.7
Essex County	.	.	.
Franklin County	4.8	12.0	+7.2
Grand Isle County	.	.	.
Lamoille County	3.8	5.5	+1.7
Orange County	4.4	3.4	-1.0
Orleans County	3.0	2.8	-.2
Rutland County	9.5	17.3	+7.8
Washington County	5.2	17.2	+12.0
Windham County	3.4	10.3	+6.9
Windsor County	14.1	17.5	+3.4

Appendices

Appendix A. General Notes and Terms

Definition of Active Physician Assistant

A physician assistant (PA) who was relicensed for the period 2020-2021 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 (few) 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 2020 minus the year of the DOB. 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. Notes regarding 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, 2020, 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. Notes regarding 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:

Vermont Physician Assistant Census 2020

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 did not check as active in Vermont:]

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

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

Yes No

[then skip to end of census]

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

[visible if “yes”:] Please enter your (personal) NPI:

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

Yes No

[if “no”:]

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

Yes No

The following questions are about your direct patient care practice sites at this time. If you have more than one location in Vermont where you practice, please enter the information on a separate page for each location. This page is for the first (principal) site. Additional pages will appear later as needed. If practicing in two settings within the same town, enter as separate "sites".

Practice Site 1 (your principal clinical practice site):

22) 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

[if not “practice telemedicine from outside Vermont” ask these questions:]

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

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

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

26) Practice name:

27) Street Address:

28) Who owns this practice? (This question is about the practice as a whole, not your personal contract.)

- University of Vermont Health Network
- Dartmouth-Hitchcock health system
- Other hospital owned, not affiliated with UVMMC or DHMC
- Federally qualified Health Center or Rural Health Clinic
- A chain business with multiple sites
- This is an independent practice
- Other - please specify: _____*

29) 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

- Federal or community health center
- Community mental health center / clinic / agency
- Substance abuse / addiction clinic
- Clinic serving students in a school or college
- Other - please specify: _____*

[ask everybody the questions below:]

The following questions are about direct patient care:

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

32) Main specialty you practice at this site:
[dropdown list]

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

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

34) Secondary specialty you practice at this site, if any: [dropdown list]

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

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

37) Tertiary specialty you practice at this site, if any: [dropdown list]

38) Hours per working week in direct patient care in tertiary specialty _____

39) Are you required to hold hospital privileges at this site?
 Yes No

40) 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

41) 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"/>

42) 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

[if "yes":]

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

- Yes No

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

- Yes No

44) 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:

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

Second Vermont practice site

46) Do you have a second practice site in Vermont?* yes no

[if no, skip to end of census]

[similar questions about second and third sites, if any, as for Site 1 above]

Additional Vermont practice sites

89) Do you have more than three practice sites in Vermont? yes no

[if “yes”:]

90) Please describe your work at additional sites beyond the three you entered above, briefly, including locations, specialties and hours:

Final comments

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

Click "Submit" to finalize your response, or "Back" if you want to make any changes.

Census Data Submitted

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

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 Otolaryngology/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)

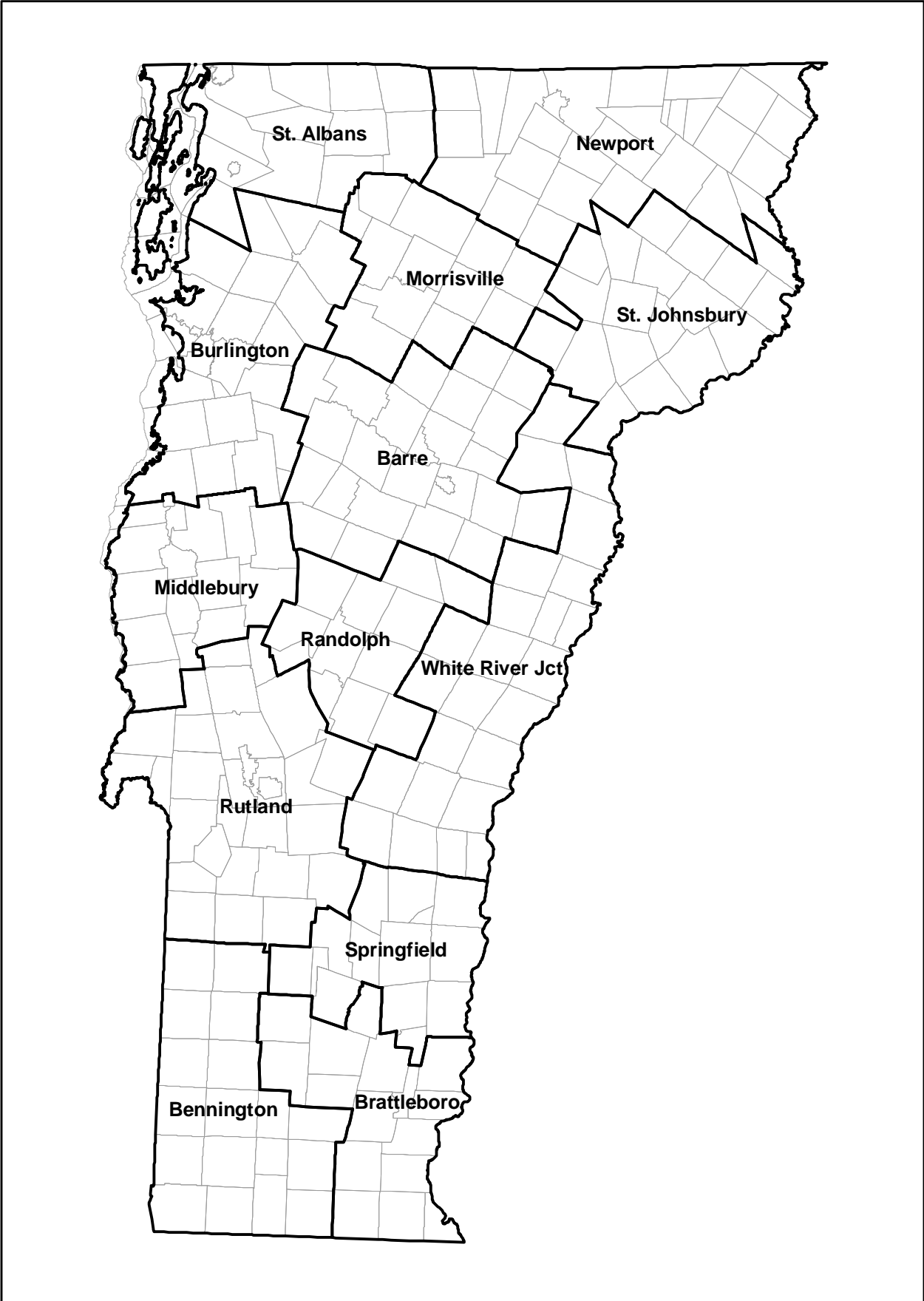
(primary care specialties in boldface)

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 E: Hospital Service Areas



Appendix F: Local Health Districts

