

Vermont Department of Health

Physician Assistants

2016 Census

Statistical Report

2016 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 survey.

Contents

<u>Introduction</u>	1
<u>Summary</u>	3

Vermont Physician Assistants' Demographic Characteristics

Table 1. Summary of Active Physician Assistants	7
Table 2. Age by Specialty and by Gender	8
Table 3. Specialty by Gender.....	9
Table 4. Age by County	10
Table 5. Education and Training	11
Table 6. Years in Clinical Practice	12

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

Table 7. Full Time Equivalents (FTEs) by Age and Gender by Specialty	15
Table 8. Full Time Equivalents (FTEs) by Age by County	16
Table 9. Numbers of Physician Assistants, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by County.....	17
Table 10. Numbers of Primary Care Providers, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by County.....	18
Table 11. Numbers of Specialty Care Providers, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by County.....	19
Table 12. Primary Care Provider FTE to Population Ratios by County.....	20

Vermont Physician Assistants' Practice Characteristics

Table 13. Detailed Specialty List.....	23
Table 14. FTEs by Practice Setting by Specialty.....	24
Table 15. FTEs by Detailed Practice Settings.....	25
Table 16. Practice Setting by Age.....	26
Table 17. Practice Setting by Gender.....	26
Table 18. Average Patient Care Hours per Week, by Specialty and Age	27
Table 19. Practice Availability by Specialty - Counts	28
Table 20. Practice Availability by Specialty - FTEs.....	29
Table 21. Plan to Retire, Leave, or Reduce Hours.....	30

Vermont Physician Assistants by Health Related Geographical Regions

Table 22. Numbers of Physician Assistants, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by Health Care Area33

Table 23. Numbers of Primary Care Providers, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by Health Care Area34

Table 24. Numbers of Specialty Care Providers, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by Health Care Area35

Table 25. Primary Care Provider FTE to Population Ratios by Health Care Area36

Table 26. Numbers of Physician Assistants, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by Local Health District37

Table 27. Numbers of Primary Care Providers, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by Local Health District38

Table 28. Numbers of Specialty Care Providers, Full Time Equivalents (FTEs), and Total Weekly Patient Care Hours, by Local Health District39

Table 29. Primary Care Provider FTE to Population Ratios by Local Health District40

Comparison Between 2014 and 2016

Table 30. Changes in Number of PAs, Patient Care Hours, and Specialties43

Table 31. Primary and Specialty Care Full Time Equivalents (FTEs) by County44

Comparison Between 2006 and 2016

Table 32. Changes in Number of PAs, Patient Care Hours, and Specialties45

Table 33. Primary and Specialty Care Full Time Equivalents (FTEs) by County46

Appendices

A. General Notes and Terms 49

B. Notes for Specific Tables (referred to by number)..... 52

C. Census of Physician Assistants - 2016 (survey form) 54

D. Map of Vermont Counties and Towns 61

E. Map of Health Care Areas..... 62

F. Map of Local Health Districts 63

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 2016; 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 who renewed their license as of the end of January 2016. A link to the online Workforce Census form was included in the online relicensing conducted by the Vermont Board of Medical Practice in the November 2015 through January 2016 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%.

Included in this report are physician assistants who provide patient care in Vermont. Anesthesiology assistants (AAs) and radiology assistants (RAs) are included in this report along with the PAs. A number of PAs maintain Vermont licenses even though they do not practice in Vermont. Those PAs are excluded from this report.

Results from the previous surveys (since 1998) are also available. Similar data are collected from other health professionals, including physicians, dentists and others. Results from all of these surveys 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 survey 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 308 physician assistants providing patient care in Vermont as of January, 2016. This includes anesthesiologist and radiologist assistants.
- 106 (34%) of the physician assistants work mainly in primary care including:
 - 83 Family Practice Medicine
 - 16 Primary Care Internal Medicine
 - 2 Obstetrics and Gynecology
 - 5 Pediatric Primary Care
- 202 (66%) of the physician assistants provide mainly specialty care including:
 - 58 Emergency Medicine
 - 56 Surgery (43 orthopedic, 4 general, 9 other)
 - 17 Urgent Care
 - 14 Anesthesiology
 - 12 Dermatology
 - 8 Internal Medicine Specialties
 - 37 Other specialties
- Of the PAs in primary care, 22% are age 60 or older, compared to 13% of those in specialty care
- Of the 308 physician assistants, 189, or 61%, are women
- 41% of the women practice primary care, while 24% of the men practice primary care
- The 308 physician assistants represent the equivalent of 254.4 full-time providers (FTEs, defined as 40 or more hours of patient care per week). This includes 82.5 FTEs in primary care and 171.9 FTEs in specialty care.
- 26% of the primary care, and 45% of the specialty care, FTEs are in Chittenden County
- 45% of all physician assistants work full-time (40 hours per week or more) - 31% of primary care providers and 52% of specialty care providers work full time
- Between 2014 and 2016 the number of physician assistants in primary care increased from 103 to 106, and the number in specialty care increased from 161 to 202
- Between 2006 and 2016 the number of physician assistants in primary care increased from 83 to 106, and the number in specialty care increased from 80 to 202

Comparison of Selected Physician Assistant Data, 2002-2016

	2002	2006	2010	2012	2014	2016
Total physician assistants active in VT	130	163	202	240	264	308
Percent female	59%	57%	60%	57%	61%	61%
Percent age 55 or older	9%	20%	23%	23%	25%	25%
Average patient care hours per week	36	35	36	35	35	36
Primary care PAs	69	83	83	98	103	106
Family Practice	53	62	60	77	76	83
Internal Medicine	7	11	11	12	18	16
Ob/Gyn	8	8	6	6	5	2
Pediatric Primary Care	1	2	6	3	4	5
% accepting new patients *	92%	93%	82%	88%	83%	93%
accepting new Medicaid patients *	86%	82%	73%	78%	80%	88%
accepting new Medicare patients *	86%	81%	73%	82%	77%	88%
Specialty care PAs **	61	80	119	142	161	202
Anesthesiology **	3			12	10	14
Emergency Medicine	33	30	40	43	45	58
Hospitalist				3	5	4
Internal Medicine	1	4	11	10	7	8
Orthopedic Surgery	8	19	25	33	43	43
Urgent Care				1	3	17
Primary care PA FTEs	54.3	62.6	67.0	76.6	80.0	82.5
Family Practice	43.6	48.2	49.3	62.5	59.7	63.4
Internal Medicine	5.3	7.9	9.4	8.6	13.1	13.3
Ob/Gyn	4.5	4.4	4.4	3.6	3.7	1.7
Pediatric Primary Care	1.0	2.1	3.9	1.9	3.4	4.1
FTEs/100,000 population	8.8	10.0	10.8	12.2	12.8	13.2
Specialty care PA FTEs **	54.8	70.2	105.7	123.3	139.2	171.9
Anesthesiology **	2.9			11.3	9.6	12.7
Emergency Medicine	29.4	24.8	32.4	34.2	34.4	43.1
Hospitalist				2.3	4.4	4.1
Internal Medicine	1.0	3.1	9.6	7.9	5.9	6.7
Orthopedic Surgery	7.5	17.8	23.5	31.6	39.0	39.3
Urgent Care				0.5	2.7	15.1

* 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.

Vermont Physician Assistants' Demographic Characteristics

Table 1 -- VT Physician Assistants, 2016
Summary of Active Physician Assistants

TOTAL	308	(100%)
Main specialty:		
Primary Care Total	106	(34%)
Family Practice	83	(27%)
Primary Care Internal Medicine	16	(5%)
Obstetrics and Gynecology	2	(1%)
Pediatric Primary Care	5	(2%)
Specialty Care Total	202	(66%)
Anesthesiology	14	(5%)
Dermatology	12	(4%)
Emergency Medicine	58	(19%)
Hospitalist	4	(1%)
Internal Medicine Specialties	8	(3%)
Psychiatry	4	(1%)
Radiology	3	(1%)
Surgery: General	4	(1%)
Surgery: Orthopedic	43	(14%)
Surgery: Other	9	(3%)
Urology	2	(1%)
Urgent Care	17	(6%)
General Practice (non-office)	7	(2%)
Other Specialties	18	(6%)
Age groups:		
younger than 30	21	(7%)
30 - 39	92	(30%)
40 - 49	80	(26%)
50 - 54	38	(12%)
55 - 59	28	(9%)
60 - 64	22	(7%)
65 and older	27	(9%)
Gender:		
Male	119	(39%)
Female	189	(61%)
Patient care hours:		
40 or more hours/week	138	(45%)
30 to 39 hours/week	93	(30%)
less than 30 hours/week	74	(24%)
hours unknown or undefined	3	
Number of practice sites:		
One	246	(80%)
Two	53	(17%)
Three or more	9	(3%)

Table 2 -- VT Physician Assistants, 2016
Age by Specialty and by Gender

	Total	Number in Age Group			Age 60+
		<40	40-59	60+	(%)
GRAND TOTAL	308	113	146	49	16%
MALES	119	36	55	28	24%
FEMALES	189	77	91	21	11%
PRIMARY CARE	106	33	50	23	22%
MALES	28	7	13	8	29%
FEMALES	78	26	37	15	19%
Family Practice	83	27	40	16	19%
Internal Medicine	16	4	7	5	31%
Ob/Gyn	2	1	.	1	50%
Pediatrics	5	1	3	1	20%
SPECIALTY CARE	202	80	96	26	13%
MALES	91	29	42	20	22%
FEMALES	111	51	54	6	5%
Anesthesiology	14	2	11	1	7%
Dermatology	12	3	9	.	.
Emergency Medicine	58	23	24	11	19%
Hospitalist	4	.	4	.	.
Internal Medicine	8	3	5	.	.
Psychiatry	4	2	2	.	.
Radiology	3	.	3	.	.
Surgery: General	4	2	2	.	.
Surgery: Orthopedic	43	20	16	7	16%
Surgery: Other	9	6	2	1	11%
Urology	2	1	1	.	.
Urgent Care	17	11	3	3	18%
General Practice	6	3	3	.	.
Other Specialties	18	4	11	3	17%

See Note 1 for description of the calculation of age.

Table 3 -- VT Physician Assistants, 2016
Specialty by Gender

Specialty	Total	Male	Female	Percent Female
TOTAL	308	119	189	61%
PRIMARY CARE	106	28	78	74%
Family Practice	83	26	57	69%
Internal Medicine	16	2	14	88%
Ob/Gyn	2	.	2	100%
Pediatrics	5	.	5	100%
SPECIALTY CARE	202	91	111	55%
Anesthesiology	14	7	7	50%
Dermatology	12	3	9	75%
Emergency Medicine	58	38	20	34%
Hospitalist	4	1	3	75%
Internal Medicine	8	3	5	63%
Psychiatry	4	.	4	100%
Radiology	3	1	2	67%
Surgery: General	4	3	1	25%
Surgery: Orthopedic	43	19	24	56%
Surgery: Other	9	3	6	67%
Urology	2	.	2	100%
Urgent Care	17	7	10	59%
General Practice	6	2	4	67%
Other Specialties	18	4	14	78%

Table 4 -- VT Physician Assistants, 2016
Age by County

County	Total	Number in Age Group			Age 60+
		<40	40-59	60+	(%)
STATEWIDE TOTAL					
Total	308	113	146	49	16%
Primary Care	106	33	50	23	22%
Specialists	202	80	96	26	13%
Addison County					
Primary Care	2	.	2	.	.
Specialists	6	1	5	.	.
Bennington County					
Primary Care	5	2	1	2	40%
Specialists	9	4	3	2	22%
Caledonia County					
Primary Care	1	.	1	.	.
Specialists	3	1	.	2	67%
Chittenden County					
Primary Care	29	9	17	3	10%
Specialists	86	36	45	5	6%
Essex County					
Primary Care	3	2	.	1	33%
Specialists	0	.	.	.	.
Franklin County					
Primary Care	11	7	2	2	18%
Specialists	7	3	2	2	29%
Grand Isle County					
Primary Care	0	.	.	.	.
Specialists	0	.	.	.	.
Lamoille County					
Primary Care	0	.	.	.	.
Specialists	6	3	2	1	17%
Orange County					
Primary Care	4	2	1	1	25%
Specialists	4	.	4	.	.
Orleans County					
Primary Care	5	1	3	1	20%
Specialists	1	1	.	.	.
Rutland County					
Primary Care	13	3	7	3	23%
Specialists	15	6	6	3	20%
Washington County					
Primary Care	10	1	6	3	30%
Specialists	16	7	7	2	13%
Windham County					
Primary Care	7	1	4	2	29%
Specialists	19	7	9	3	16%
Windsor County					
Primary Care	16	5	6	5	31%
Specialists	30	11	13	6	20%

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, 2016
Education and Training

	PRIMARY CARE	SPECIALTY CARE
	<hr/>	<hr/>
TOTAL	106	202
Region where trained:		
VT	2%	2%
NH	14%	14%
Rest of New England	26%	24%
Other Northeast	37%	29%
South	11%	24%
Central	3%	4%
West	7%	2%
unknown	0	1
Degree awarded:		
Certificate	17%	9%
Associate Degree	4%	4%
Bachelor	19%	14%
Master	60%	72%
other	0%	0%
Certified by the NCCPA:	97%	92%
Completed post-graduate training:	16%	26%
Completed specialty certification:	1%	16%

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

Table 6 -- VT Physician Assistants, 2016
Years in Clinical Practice

In Clinical Practice	PRIMARY CARE		SPECIALTY CARE	
	Anywhere	In Vermont	Anywhere	In Vermont
less than a year	4 (4%)	7 (7%)	13 (6%)	27 (13%)
1 to 2 years	7 (7%)	18 (17%)	20 (10%)	34 (17%)
3 to 4 years	13 (12%)	11 (10%)	22 (11%)	22 (11%)
5 to 9 years	17 (16%)	22 (21%)	40 (20%)	42 (21%)
10 to 14 years	15 (14%)	12 (11%)	42 (21%)	37 (18%)
15 to 19 years	18 (17%)	14 (13%)	16 (8%)	9 (4%)
20 to 24 years	10 (9%)	11 (10%)	18 (9%)	11 (5%)
25 to 29 years	6 (6%)	5 (5%)	9 (4%)	5 (2%)
30 years or more	16 (15%)	6 (6%)	21 (10%)	10 (5%)
unknown	0	0	1	5
Total	106	106	202	202

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

Table 7 -- VT Physician Assistants, 2016
FTE by Age and Gender by Specialty

	Total	FTEs in Age Group			Age 60+
		<40	40-59	60+	(%)
GRAND TOTAL	254.4	98.1	119.3	37.0	15%
MALES	101.8	32.8	46.8	22.1	22%
FEMALES	152.7	65.3	72.4	14.9	10%
PRIMARY CARE	82.5	27.5	37.9	17.1	21%
MALES	24.0	6.0	10.8	7.1	30%
FEMALES	58.6	21.5	27.1	10.0	17%
Family Practice	63.4	22.7	28.8	11.9	19%
Internal Medicine	13.3	2.9	6.5	3.9	29%
Ob/Gyn	1.7	1.0	.	.7	41%
Pediatrics	4.1	.9	2.6	.6	15%
SPECIALTY CARE	171.9	70.6	81.4	19.9	12%
MALES	77.8	26.8	36.0	15.0	19%
FEMALES	94.1	43.8	45.4	5.0	5%
Anesthesiology	12.7	1.5	10.2	1.0	8%
Dermatology	10.6	2.2	8.5	.	.
Emergency Medicine	43.1	19.3	17.9	5.9	14%
Hospitalist	4.1	.	4.1	.	.
Internal Medicine	6.7	2.6	4.1	.	.
Psychiatry	3.3	1.6	1.7	.	.
Radiology	2.7	.	2.7	.	.
Surgery: General	3.1	1.2	1.7	.2	7%
Surgery: Orthopedic	39.3	18.6	14.4	6.4	16%
Surgery: Other	8.9	5.9	2.0	1.0	11%
Urology	2.3	1.0	1.3	.	.
Urgent Care	15.1	9.7	3.0	2.4	16%
General Practice	6.2	3.6	2.5	.1	2%
Other Specialties	13.8	3.5	7.4	3.0	22%

See Note 1 for a description of the calculations of ages

Table 8 -- VT Physician Assistants, 2016
Full Time Equivalentents (FTEs) by Age by County

County	Total	FTEs in Age Group			Age 60+ (%)
		<40	40-59	60+	
STATEWIDE TOTAL					
Total	254.4	98.1	119.3	37.0	15%
Primary Care	82.5	27.5	37.9	17.1	21%
Specialists	171.9	70.6	81.4	19.9	12%
Addison County					
Primary Care	1.5	.	1.5	.	0%
Specialists	4.6	1.1	3.6	.	0%
Bennington County					
Primary Care	4.2	1.7	1.0	1.5	36%
Specialists	7.5	3.5	2.7	1.3	17%
Caledonia County					
Primary Care	.7	.	.7	.	0%
Specialists	3.0	1.0	.	2.0	67%
Chittenden County					
Primary Care	21.9	7.0	12.4	2.4	11%
Specialists	77.1	32.1	40.3	4.7	6%
Essex County					
Primary Care	2.5	1.5	.	1.0	40%
Specialists	.	.	.	.	.
Franklin County					
Primary Care	9.2	6.4	1.2	1.6	17%
Specialists	7.6	3.3	2.3	2.0	26%
Grand Isle County					
Primary Care	.	.	.	.	.
Specialists	.	.	.	.	.
Lamoille County					
Primary Care	.	.	.	.	.
Specialists	4.6	2.4	1.9	.2	5%
Orange County					
Primary Care	2.9	1.8	1.0	.1	4%
Specialists	3.6	.	3.6	.	0%
Orleans County					
Primary Care	4.9	.9	3.0	1.0	20%
Specialists	1.1	1.0	.1	.	0%
Rutland County					
Primary Care	10.5	2.8	5.3	2.5	23%
Specialists	12.7	5.9	4.1	2.7	21%
Washington County					
Primary Care	8.5	.9	5.2	2.4	28%
Specialists	13.8	6.4	5.8	1.6	11%
Windham County					
Primary Care	4.9	.9	2.7	1.3	26%
Specialists	15.5	6.4	6.4	2.7	18%
Windsor County					
Primary Care	10.8	3.6	3.9	3.3	31%
Specialists	20.8	7.5	10.5	2.8	14%

See Note 1 for description of the calculation of age.

Table 9 -- VT Physician Assistants, 2016
 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
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	308 254.4 11030	110 82.5 3517	218 171.9 7513
Addison County	10 6.1 265	2 1.5 59	8 4.6 206
Bennington County	17 11.7 478	5 4.2 168	12 7.5 310
Caledonia County	4 3.7 150	1 .7 27	3 3.0 123
Chittenden County	120 99.0 4346	29 21.9 1005	94 77.1 3341
Essex County	3 2.5 112	3 2.5 112	. . .
Franklin County	24 16.8 716	12 9.2 379	15 7.6 337
Grand Isle County	...	...	...
Lamoille County	7 4.6 192	. . .	7 4.6 192
Orange County	10 6.5 292	6 2.9 115	5 3.6 176
Orleans County	8 6.0 244	5 4.9 196	3 1.1 48
Rutland County	33 23.2 1075	15 10.5 476	21 12.7 599
Washington County	30 22.3 991	12 8.5 341	20 13.8 650
Windham County	29 20.3 822	7 4.9 195	22 15.5 627
Windsor County	50 31.7 1348	18 10.8 445	35 20.8 903

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

Table 10 -- VT Physician Assistants, 2016
 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	110 82.5 3517	85 63.4 2651	18 13.3 627	3 1.7 77	5 4.1 163
Addison County	2 1.5 59	2 1.5 59	.. ..	.. ..	.. ..
Bennington County	5 4.2 168	3 2.4 96	1 .8 32	. . . .	1 1.0 40
Caledonia County	1 .7 27	1 .7 27	.. ..	.. ..	.. ..
Chittenden County	29 21.9 1005	21 15.0 642	7 6.1 333	. . . .	1 .8 30
Essex County	3 2.5 112	3 2.5 112	.. ..	.. ..	.. ..
Franklin County	12 9.2 379	10 8.0 327	1 .2 12	2 1.0 41	.. ..
Grand Isle County	.. ..	.. ..	.. ..	.. ..	.. ..
Lamoille County	.. ..	.. ..	.. ..	.. ..	.. ..
Orange County	6 2.9 115	4 1.2 47	1 .9 36	. . . .	1 .8 32
Orleans County	5 4.9 196	4 4.0 160	. . . .	. . . .	1 .9 36
Rutland County	15 10.5 476	14 10.4 470	. . . .	1 .1 6	.. ..
Washington County	12 8.5 341	9 7.5 299	2 .4 17	. . . .	1 .6 25
Windham County	7 4.9 195	6 4.1 163	1 .8 32	.. ..	.. ..
Windsor County	18 10.8 445	10 6.1 250	7 4.1 165	1 .6 30	. 9999.9 .

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

Table 11 -- VT Physician Assistants, 2016
 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	ORTHOP. SURGERY	OTHER SURGERY	ALL OTHER
STATEWIDE TOTAL	218 171.9 7513	14 12.7 530	12 10.6 430	74 43.1 1848	46 39.3 1666	14 12.0 570	79 54.2 2469
Addison County	8 4.6 206	. . . . .	. . . . .	5 1.4 62	2 1.9 85	. . . . .	3 1.3 59
Bennington County	12 7.5 310	4 2.9 115	. . . . .	1 1.0 40	1 1.0 40	. . . . .	6 2.6 115
Caledonia County	3 3.0 123	. . . . .	. . . . .	. . . . .	3 2.2 89	2 .7 30	1 .1 5
Chittenden County	94 77.1 3341	10 9.7 410	10 9.4 377	19 11.3 478	17 15.2 647	11 10.6 501	30 20.9 929
Essex County	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Franklin County	15 7.6 337	. . . . .	. . . . .	4 1.2 53	2 2.0 90	. . . . .	9 4.3 194
Grand Isle County	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Lamoille County	7 4.6 192	. . . . .	. . . . .	4 1.3 53	4 3.3 139	.. .. .	.. .. .
Orange County	5 3.6 176	. . . . .	. . . . .	. . . . .	1 .9 36	1 .7 40	4 2.0 100
Orleans County	3 1.1 48	. . . . .	. . . . .	. . . . .	2 1.0 42	. . . . .	1 .1 6
Rutland County	21 12.7 599	. . . . .	. . . . .	7 2.6 112	4 2.9 121	. . . . .	13 7.2 367
Washington County	20 13.8 650	1 .1 5	. . . . .	6 3.8 180	7 4.1 167	. . . . .	8 5.8 297
Windham County	22 15.5 627	. . . . .	. . . . .	10 4.9 198	2 2.0 80	. . . . .	12 8.5 349
Windsor County	35 20.8 903	. . . . .	2 1.2 53	27 15.5 673	3 3.0 130	. . . . .	5 1.1 47

In this table PAs may be counted more than once (see Note 3).
 'Other Surgery' here includes General Surgery.

Table 12 -- VT Physician Assistants, 2016
 Primary Care Provider FTE to Population Ratios
 by County

County	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	82.5	626,042	13.2	7,588
Addison County	1.5	37,035	4.0	25,108
Bennington County	4.2	36,317	11.6	8,647
Caledonia County	.7	30,780	2.2	45,460
Chittenden County	21.9	161,382	13.6	7,379
Essex County	2.5	6,163	41.0	2,439
Franklin County	9.2	48,799	18.9	5,292
Grand Isle County	.	6,861	.	.
Lamoille County	.	25,235	.	.
Orange County	2.9	28,899	10.0	10,040
Orleans County	4.9	27,100	18.1	5,531
Rutland County	10.5	59,736	17.6	5,680
Washington County	8.5	58,612	14.5	6,883
Windham County	4.9	43,386	11.2	8,896
Windsor County	10.8	55,737	19.5	5,139

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

Population estimates are from the Census Bureau for July 2015
 (Note 4).

Vermont Physician Assistants' Practice Characteristics

Table 13 -- VT Physician Assistants, 2016
Detailed Specialty List

SPECIALTY GROUP Specialty	Count of PAs Working in Specialty		
	As Main Specialty	As Secondary Specialty	FTEs
TOTAL	308		254.4
--- PRIMARY CARE ---			
FAMILY PRACTICE			
Adolescent Medicine (FP)	1	1	.8
Family Practice	73	.	56.0
General Practice	9	2	6.6
INTERNAL MEDICINE (PRIMARY)			
Geriatric Internal Medicine	1	.	.6
Internal Medicine	15	2	12.7
OB/GYN			
Gynecology	1	1	.7
Obstetrics & Gynecology	1	.	1.0
PEDIATRICS			
Adolescent Medicine (Pediatrics)	1	.	1.0
Pediatrics (general)	4	.	3.1
--- SPECIALTY CARE ---			
ANESTHESIOLOGY			
Anesthesiology	13	.	11.8
Pain Medicine	1	.	.9
DERMATOLOGY			
	12	.	10.6
EMERGENCY MEDICINE			
Emergency Medicine	58	15	43.0
Emergency Medicine: Sports	.	1	.1
HOSPITALIST			
	4	2	4.1
INTERNAL MEDICINE (SPECIALTY)			
Cardiovascular Disease	1	.	1.0
Hematology (Internal Medicine)	1	1	.9
Internal Medicine (subspecialty)	1	.	1.0
Medical Oncology	3	.	2.2
Pulmonary Disease	1	.	1.0
Rheumatology	1	.	.6
PSYCHIATRY			
	4	.	3.3
RADIOLOGY			
Diagnostic Radiology	1	1	.8
Neuroradiology	1	.	.9
Vascular/Interventional Radiology	1	.	1.0
SURGERY: GENERAL			
	4	1	3.1
SURGERY: ORTHOPEDIC			
Adult Reconstructive Orthopedics	4	.	2.7
Hand Surgery (Orthopedic)	5	.	4.2
Orthopedic Surgery	25	4	24.2
Orthopedic Surgery Of The Spine	6	.	5.2
Orthopedic Surgery: Sports	3	.	2.8
Orthopedic Trauma	.	1	.3
SURGERY: OTHER			
Abdominal Surgery	.	1	.4
Cardiovascular Surgery	2	.	1.5
Neurological Surgery	3	.	3.0
Surgical Critical Care	1	.	1.0
Thoracic Surgery	3	.	3.0
UROLOGY			
	2	1	2.3
URGENT CARE			
	17	6	15.1
OTHER SPECIALTIES			
Allergy	.	1	.1
Family Medicine (non-office)	2	2	1.5
Family Medicine: Sports	.	1	.1
General Practice (non-office)	4	3	4.7
Gynecologic Oncology	2	.	1.4
Neonatal-perinatal Medicine	1	.	.5
Ob/Gyn (subspecialty)	.	1	.1
Otolaryngology	2	.	1.2
Physical Medicine & Rehabilitation	2	.	1.2
Plastic Surgery	1	1	1.3
Preventive Medicine	1	1	.6
Sleep Medicine	.	1	.2
Unlisted Specialty	9	7	6.9

Table 14 -- VT Physician Assistants, 2016
 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	58.6	17.7	37.8	17.7	65.5	40.5	16.7
PRIMARY CARE	29.4	.	.	.	7.9	36.8	8.4
Family Practice	21.3	.	.	.	5.9	32.0	4.1
Internal Medicine	4.8	.	.	.	1.0	3.3	4.3
Ob/Gyn	1.0	.	.	.	.	.7	.
Pediatrics	2.3	.	.	.	1.0	.8	.
SPECIALTY CARE	29.2	17.7	37.8	17.7	57.5	3.6	8.3
Anesthesiology	.9	.	.	.	9.8	.	2.0
Dermatology	7.6	.	.	.	3.0	.	.
Emergency Medicine	.4	1.8	37.4	.1	3.0	.2	.2
Hospitalist	.	.	.	3.1	1.0	.	.
Internal Medicine	.5	.	.	2.5	3.7	.	.
Psychiatry	<.05	.	.	1.6	.	.	1.7
Radiology	<.05	.	.	.	2.6	.	.
Surgery: General	.2	.	.	1.7	.5	.7	.
Surgery: Orthopedic	17.1	.	.	2.0	20.2	.	.1
Surgery: Other	.	.	.	1.0	7.9	.	.
Urology	.	.	.	1.0	1.0	.3	.
Urgent Care	.	12.2	.	.	.1	1.5	1.3
General Practice	.	3.2	.1	2.9	.	.	.
Other Specialties	2.4	.5	.3	1.8	4.7	.9	3.1

Table 15 -- VT Physician Assistants, 2016
 FTEs by Detailed Practice Settings

Practice Setting	Primary Care		Specialty Care	
	FTEs	Percent	FTEs	Percent
Total	82.5	100%	171.9	100%
Solo Practice	3.5	4%	3.0	2%
Single-Specialty Group	21.6	26%	22.3	13%
Multi-Specialty Group	4.4	5%	3.9	2%
Hospital Inpatient Dept	.	.	17.7	10%
Hospital Emergency Dept	.	.	37.8	22%
Hospital Outpatient Dept	6.9	8%	23.3	14%
Hospital In/Outpatient	1.0	1%	34.2	20%
Urgent Care / Walk-in	.	.	17.7	10%
FQHC/RHC	34.2	41%	2.7	2%
Other Health Center	2.6	3%	.9	1%
Occupational Health	.	.	3.3	2%
School/College	3.0	4%	.	.
Veterans Administration	2.5	3%	1.6	1%
Other	2.8	3%	3.4	2%

Table 16 -- VT Physician Assistants, 2016
Practice Setting by Age

Practice Setting	Total	Number in Age Group		
		under 40	40-59	60 and older
TOTAL, all settings	308 (100%)	113	146	49
Solo Practice	7 (2%)	3	3	1
Single-Specialty Group	54 (18%)	16	25	13
Multi-Specialty Group	9 (3%)	4	5	.
Hospital Inpatient Dept	19 (6%)	10	9	.
Hospital Emergency Dept	51 (17%)	19	21	11
Hospital Outpatient Dept	38 (12%)	15	19	4
Hospital In/Outpatient	38 (12%)	12	23	3
Urgent Care / Walk-in	20 (6%)	11	6	3
FQHC/RHC	44 (14%)	18	18	8
Other Health Center	5 (2%)	1	2	2
Occupational Health	4 (1%)	2	2	.
School/College	6 (2%)	.	5	1
Veterans Administration	5 (2%)	.	3	2
Other	8 (3%)	2	5	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, 2016
Practice Setting by Gender

Practice Setting	Total	Males		Females	
TOTAL, all settings	308	119 (100%)		189 (100%)	
Solo Practice	7	1 (1%)		6 (3%)	
Single-Specialty Group	54	20 (17%)		34 (18%)	
Multi-Specialty Group	9	0 (0%)		9 (5%)	
Hospital Inpatient Dept	19	7 (6%)		12 (6%)	
Hospital Emergency Dept	51	37 (31%)		14 (7%)	
Hospital Outpatient Dept	38	13 (11%)		25 (13%)	
Hospital In/Outpatient	38	15 (13%)		23 (12%)	
Urgent Care / Walk-in	20	6 (5%)		14 (7%)	
FQHC/RHC	44	12 (10%)		32 (17%)	
Other Health Center	5	2 (2%)		3 (2%)	
Occupational Health	4	1 (1%)		3 (2%)	
School/College	6	1 (1%)		5 (3%)	
Veterans Administration	5	2 (2%)		3 (2%)	
Other	9	2 (2%)		6 (3%)	

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

Table 18 -- VT Physician Assistants, 2016
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	308	36	38	36	32	45%
PRIMARY CARE	106	34	37	34	32	31%
Family Practice	83	34	38	32	31	30%
Internal Medicine	16	38	29	48	30	31%
Ob/Gyn	2	.	.	.	.	.
Pediatrics	5	33	.	34	.	20%
SPECIALTY CARE	202	37	38	37	32	52%
Anesthesiology	14	38	.	38	.	71%
Dermatology	12	36	30	38	.	42%
Emergency Medicine	58	30	33	30	24	31%
Hospitalist	4	45	.	45	.	100%
Internal Medicine	8	35	36	35	.	63%
Psychiatry	4	33	.	.	.	50%
Radiology	3	37	.	37	.	33%
Surgery: General	4	50	.	.	.	100%
Surgery: Orthopedic	43	39	38	40	39	65%
Surgery: Other	9	46	44	.	.	89%
Urology	2	.	.	.	.	.
Urgent Care	17	44	49	41	30	53%
General Practice	6	35	37	33	.	33%
Other Specialties	18	35	32	36	31	44%

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, 2016
Practice Availability by Specialty

Specialty	PA's	Accept New Patients (%)	Participate in Medicaid (%)	Accept New Medicaid Patients (%)	Participate in Medicare (%)	Accept New Medicare Patients (%)
TOTAL	188	95%	96%	88%	99%	91%
PRIMARY CARE	93	93%	99%	88%	99%	88%
Family Practice	75	94%	99%	88%	99%	89%
Internal Medicine	11	82%	100%	82%	100%	82%
Ob/Gyn	2	100%	100%	100%	100%	100%
Pediatrics	5	100%	100%	100%	n.a.	n.a.
SPECIALTY CARE	95	98%	93%	88%	100%	94%
Anesthesiology	12	100%	100%	89%	100%	89%
Dermatology	12	100%	50%	50%	100%	100%
Internal Medicine	6	67%	100%	40%	100%	40%
Psychiatry	1	.	.	.	.	.
Surgery: General	2	100%	100%	100%	100%	100%
Surgery: Orthopedic	41	100%	100%	100%	100%	100%
Surgery: Other	8	100%	100%	88%	100%	88%
Urology	1	100%	100%	100%	100%	100%
Other Specialties	12	100%	100%	100%	100%	100%

Only office settings are included (Note 7).
Emergency Medicine and Urgent Care are excluded from this table.

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, 2016
Practice Availability by Specialty - FTEs

Specialty	FTEs	Accept New Patients	Participate in Medicaid	Accept New Medicaid Patients	Participate in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
TOTAL	155.7	97%	96%	89%	100%	93%
PRIMARY CARE	74.1	94%	100%	90%	100%	90%
Family Practice	59.3	96%	100%	91%	100%	91%
Internal Medicine	9.1	82%	100%	82%	100%	82%
Ob/Gyn	1.7	100%	100%	100%	100%	100%
Pediatrics	4.1	100%	100%	100%	n.a.	n.a.
SPECIALTY CARE	81.5	99%	93%	88%	100%	95%
Anesthesiology	10.7	100%	100%	88%	100%	88%
Dermatology	10.6	100%	49%	49%	100%	100%
Internal Medicine	4.2	77%	100%	54%	100%	54%
Psychiatry	<.05	.	.	.	.	.
Surgery: General	1.4	100%	100%	100%	100%	100%
Surgery: Orthopedic	37.3	100%	100%	100%	100%	100%
Surgery: Other	7.9	100%	100%	87%	100%	87%
Urology	1.3	100%	100%	100%	100%	100%
Other Specialties	8.1	100%	99%	99%	99%	99%

See Note 6 regarding tabulation of availability.
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.

Table 21 -- VT Physician Assistants, 2016
 Plan to Retire, Leave, or Reduce Hours Within 12 months

Specialty	Total PAs	Plan to Retire or Leave VT	Plan to Reduce Hours
TOTAL	308	6	11
PRIMARY CARE	106	1	4
Family Practice	83	1	2
Internal Medicine	16	.	2
Ob/Gyn	2	.	.
Pediatrics	5	.	.
SPECIALTY CARE	202	5	7
Anesthesiology	14	.	.
Dermatology	12	.	2
Emergency Medicine	58	2	4
Hospitalist	4	.	.
Internal Medicine	8	.	.
Psychiatry	4	.	.
Radiology	3	.	.
Surgery: General	4	.	.
Surgery: Orthopedic	43	2	1
Surgery: Other	9	.	.
Urology	2	.	.
Urgent Care	17	.	.
General Practice	6	.	.
Other Specialties	18	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. 6 PAs answered 'yes' to both questions, they are counted here only under 'plan to retire or leave VT'.

Vermont Physician Assistants
by Health Related Geographical Regions

Table 22 -- VT Physician Assistants, 2016
 Numbers of PAs, Full Time Equivalents (FTEs), and
 Total Weekly Patient Care Hours, by Health Care Area

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
		<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL		308 254.4 11030	110 82.5 3517	218 171.9 7513
Barre		30 22.3 991	12 8.5 341	20 13.8 650
Bennington		20 11.9 487	5 4.2 168	15 7.7 319
Brattleboro		25 17.5 707	5 3.1 123	20 14.4 584
Burlington		120 99.2 4358	30 22.1 1017	94 77.1 3341
Middlebury		10 6.1 265	2 1.5 59	8 4.6 206
Morrisville		7 4.6 192	. . . .	7 4.6 192
Newport		9 7.0 284	6 5.9 236	3 1.1 48
Randolph		17 11.8 525	11 6.9 284	7 4.9 241
Rutland		33 23.2 1075	15 10.5 476	21 12.7 599
Springfield		31 21.1 880	7 5.4 218	25 15.7 662
St. Albans		24 16.6 704	12 9.0 367	15 7.6 337
St. Johnsbury		6 5.2 222	3 2.2 99	3 3.0 123
Upper Valley	
Windsor		16 7.9 341	5 3.2 130	12 4.7 211

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

Table 23 -- VT Physician Assistants, 2016
 Numbers of Primary Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by Health Care Area

Count FTEs Hours	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	110 82.5 3517	85 63.4 2651	18 13.3 627	3 1.7 77	5 4.1 163
Barre	12 8.5 341	9 7.5 299	2 .4 17	. . . .	1 .6 25
Bennington	5 4.2 168	3 2.4 96	1 .8 32	. . . .	1 1.0 40
Brattleboro	5 3.1 123	4 2.3 91	1 .8 32	.. ..	.. ..
Burlington	30 22.1 1017	21 15.0 642	8 6.3 345	. . . .	1 .8 30
Middlebury	2 1.5 59	2 1.5 59	.. ..	.. ..	.. ..
Newport	6 5.9 236	5 5.0 200	. . . .	. . . .	1 .9 36
Randolph	11 6.9 284	5 2.5 99	4 3.1 123	1 .6 30	1 .8 32
Rutland	15 10.5 476	14 10.4 470	. . . .	1 .1 6	.. ..
Springfield	7 5.4 218	4 3.4 140	3 2.0 78	.. ..	.. ..
St. Albans	12 9.0 367	10 8.0 327	. . . .	2 1.0 41	.. ..
St. Johnsbury	3 2.2 99	3 2.2 99	.. ..	.. ..	.. ..
Upper Valley	.. ..	.. ..	.. ..	.. ..	.. ..
Windsor	5 3.2 130	5 3.2 130	.. ..	.. ..	.. ..

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

Table 24 -- VT Physician Assistants, 2016
 Numbers of Specialty Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by Health Care Area

Count FTEs Hours	SPECIALTY CARE TOTAL	ANESTH- ESIOLOG.	DERMAT- OLOGY	EMERGENCY MEDICINE	ORTHOP. SURGERY	OTHER SURGERY	ALL OTHER
STATEWIDE TOTAL	218 171.9 7513	14 12.7 530	12 10.6 430	74 43.1 1848	46 39.3 1666	14 12.0 570	79 54.2 2469
Barre	20 13.8 650	1 .1 5	. . . .	6 3.8 180	7 4.1 167	. . . .	8 5.8 297
Bennington	15 7.7 319	4 2.9 115	. . . .	3 1.1 46	1 1.0 40	. . . .	7 2.7 118
Brattleboro	20 14.4 584	. . . .	. . . .	8 4.8 192	2 2.0 80	. . . .	10 7.6 312
Burlington	94 77.1 3341	10 9.7 410	10 9.4 377	19 11.3 478	17 15.2 647	11 10.6 501	30 20.9 929
Middlebury	8 4.6 206	. . . .	. . . .	5 1.4 62	2 1.9 85	. . . .	3 1.3 59
Morrisville	7 4.6 192	. . . .	. . . .	4 1.3 53	4 3.3 139	.. ..	.. ..
Newport	3 1.1 48	. . . .	. . . .	. . . .	2 1.0 42	. . . .	1 .1 6
Randolph	7 4.9 241	. . . .	. . . .	. . . .	2 1.9 86	1 .7 40	5 2.3 115
Rutland	21 12.7 599	. . . .	. . . .	7 2.6 112	4 2.9 121	. . . .	13 7.2 367
Springfield	25 15.7 662	. . . .	. . . .	21 12.0 515	2 2.0 80	. . . .	3 1.7 67
St. Albans	15 7.6 337	. . . .	. . . .	4 1.2 53	2 2.0 90	. . . .	9 4.3 194
St. Johnsbury	3 3.0 123	. . . .	. . . .	. . . .	3 2.2 89	2 .7 30	1 .1 5
Upper Valley	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
Windsor	12 4.7 211	. . . .	2 1.2 53	10 3.5 158	. . . .	. . . .	1 <.05 0

In this table PAs may be counted more than once (see Note 3).
 'Other Surgery' here includes General Surgery.

Table 25 -- VT Physician Assistants, 2016
 Primary Care Provider FTE to Population Ratios
 by Health Care Area

HCA	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	82.5	626,042	13.2	7,588
Barre	8.5	64,214	13.3	7,541
Bennington	4.2	39,309	10.7	9,359
Brattleboro	3.1	31,914	9.6	10,407
Burlington	22.1	177,124	12.5	8,015
Middlebury	1.5	28,518	5.2	19,334
Morrisville	.	30,306	.	.
Newport	5.9	27,966	21.1	4,740
Randolph	6.9	35,151	19.7	5,065
Rutland	10.5	60,471	17.4	5,750
Springfield	5.4	28,092	19.1	5,241
St. Albans	9.0	45,340	19.8	5,040
St. Johnsbury	2.2	28,125	7.8	12,764
Upper Valley	.	16,432	.	.
Windsor	3.2	13,080	24.7	4,049

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

Population estimates are from the Census Bureau for July 2015
 (Note 4).

Table 26 -- VT Physician Assistants, 2016
 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		308 254.4 11030	110 82.5 3517	218 171.9 7513
Barre		30 22.3 991	12 8.5 341	20 13.8 650
Bennington		17 11.7 478	5 4.2 168	12 7.5 310
Brattleboro		26 17.7 715	5 3.1 123	21 14.6 592
Burlington		120 99.0 4346	29 21.9 1005	94 77.1 3341
Middlebury		10 6.1 265	2 1.5 59	8 4.6 206
Morrisville		7 4.6 192	. . . .	7 4.6 192
Newport		9 7.0 284	6 5.9 236	3 1.1 48
Rutland		33 23.2 1075	15 10.5 476	21 12.7 599
Springfield		40 27.6 1162	9 7.2 290	32 20.4 872
St. Albans		24 16.8 716	12 9.2 379	15 7.6 337
St. Johnsbury		6 5.2 222	3 2.2 99	3 3.0 123
Wht Rvr Jct		21 13.3 584	15 8.4 342	8 4.9 242

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

Table 27 -- VT Physician Assistants, 2016
 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	110 82.5 3517	85 63.4 2651	18 13.3 627	3 1.7 77	5 4.1 163
Barre	12 8.5 341	9 7.5 299	2 .4 17	. . . . .	1 .6 25
Bennington	5 4.2 168	3 2.4 96	1 .8 32	. . . . .	1 1.0 40
Brattleboro	5 3.1 123	4 2.3 91	1 .8 32	.. .. .	.. .. .
Burlington	29 21.9 1005	21 15.0 642	7 6.1 333	. . . . .	1 .8 30
Middlebury	2 1.5 59	2 1.5 59	.. .. .	.. .. .	.. .. .
Newport	6 5.9 236	5 5.0 200	. . . . .	. . . . .	1 .9 36
Rutland	15 10.5 476	14 10.4 470	. . . . .	1 .1 6	.. .. .
Springfield	9 7.2 290	6 5.2 212	3 2.0 78	.. .. .	.. .. .
St. Albans	12 9.2 379	10 8.0 327	1 .2 12	2 1.0 41	.. .. .
St. Johnsbury	3 2.2 99	3 2.2 99	.. .. .	.. .. .	.. .. .
Wht Rvr Jct	15 8.4 342	9 3.9 157	4 3.1 123	1 .6 30	1 .8 32

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

Table 28 -- VT Physician Assistants, 2016
 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	ORTHOP. SURGERY	OTHER SURGERY	ALL OTHER
STATEWIDE TOTAL	218 171.9 7513	14 12.7 530	12 10.6 430	74 43.1 1848	46 39.3 1666	14 12.0 570	79 54.2 2469
Barre	20 13.8 650	1 .1 5	. . . . .	6 3.8 180	7 4.1 167	. . . . .	8 5.8 297
Bennington	12 7.5 310	4 2.9 115	. . . . .	1 1.0 40	1 1.0 40	. . . . .	6 2.6 115
Brattleboro	21 14.6 592	. . . . .	. . . . .	10 4.9 198	2 2.0 80	. . . . .	11 7.7 315
Burlington	94 77.1 3341	10 9.7 410	10 9.4 377	19 11.3 478	17 15.2 647	11 10.6 501	30 20.9 929
Middlebury	8 4.6 206	. . . . .	. . . . .	5 1.4 62	2 1.9 85	. . . . .	3 1.3 59
Morrisville	7 4.6 192	. . . . .	. . . . .	4 1.3 53	4 3.3 139	.. .. .	.. .. .
Newport	3 1.1 48	. . . . .	. . . . .	. . . . .	2 1.0 42	. . . . .	1 .1 6
Rutland	21 12.7 599	. . . . .	. . . . .	7 2.6 112	4 2.9 121	. . . . .	13 7.2 367
Springfield	32 20.4 872	. . . . .	2 1.2 53	26 15.5 672	2 2.0 80	. . . . .	3 1.7 67
St. Albans	15 7.6 337	. . . . .	. . . . .	4 1.2 53	2 2.0 90	. . . . .	9 4.3 194
St. Johnsbury	3 3.0 123	. . . . .	. . . . .	. . . . .	3 2.2 89	2 .7 30	1 .1 5
Wht Rvr Jct	8 4.9 242	. . . . .	. . . . .	1 <.05 0	2 1.9 86	1 .7 40	6 2.3 116

In this table PAs may be counted more than once (see Note 3).
 'Other Surgery' here includes General Surgery.

Table 29 -- VT Physician Assistants, 2016
 Primary Care Provider FTE to Population Ratios
 by Local Health District

District	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	82.5	626,042	13.2	7,588
Barre	8.5	65,723	13.0	7,718
Bennington	4.2	36,317	11.6	8,647
Brattleboro	3.1	35,450	8.7	11,560
Burlington	21.9	161,352	13.6	7,377
Middlebury	1.5	36,901	4.0	25,018
Morrisville	.	31,195	.	.
Newport	5.9	27,966	21.1	4,740
Rutland	10.5	59,900	17.6	5,695
Springfield	7.2	33,363	21.5	4,659
St. Albans	9.2	55,660	16.6	6,035
St. Johnsbury	2.2	34,377	6.4	15,601
Wht Rvr Jct	8.4	47,838	17.5	5,713

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

Population estimates are from the Census Bureau for July 2015
 (Note 4).

Vermont Physician Assistants
Comparisons Between 2006, 2014 and 2016

Table 30 -- VT PAs, 2014 and 2016
 Changes in Number of PAs, Patient Care Hours
 and Specialties, between 2014 and 2016

	2014	2016	Change	
TOTAL	264	308	+44	+17%
Main specialty:				
Primary Care Total	103	106	+3	+3%
Family Practice	76	83	+7	+9%
Internal Medicine	18	16	-2	-11%
Ob/Gyn	5	2	-3	-60%
Pediatrics	4	5	+1	+25%
Specialty Care Total	161	202	+41	+25%
Anesthesiology	10	14	+4	+40%
Dermatology	10	12	+2	+20%
Emergency Medicine	45	58	+13	+29%
Hospitalist	5	4	-1	-20%
Internal Medicine	7	8	+1	+14%
Psychiatry	3	4	+1	+33%
Radiology	3	3	0	0%
Surgery: General	2	4	+2	+100%
Surgery: Orthopedic	43	43	0	0%
Surgery: Other	8	9	+1	+13%
Urology	3	2	-1	-33%
Urgent Care	0	17	+17	
General Practice	0	6	+6	
Other Specialties	22	18	-4	-18%
Age groups:				
younger than 35	61	71	+10	+16%
35 - 44	75	78	+3	+4%
45 - 54	63	82	+19	+30%
55 - 64	52	50	-2	-4%
65 and older	13	27	+14	+108%
Gender:				
Male	102	119	+17	+17%
Female	162	189	+27	+17%
Patient care hours:				
40 or more hours/week	109	138	+29	+27%
30 to under 40 hours/week	94	92	-2	-2%
less than 30 hours/week	58	75	+17	+29%
hours unknown or undefined	3	3		

Table 31 -- VT PAs, 2014 and 2016
Full Time Equivalent (FTEs) by County

PRIMARY CARE:	2014	2016	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	80.0	82.5	+2.5
Addison County	2.4	1.5	-.9
Bennington County	4.7	4.2	-.5
Caledonia County	1.0	.7	-.3
Chittenden County	21.7	21.9	+.2
Essex County	2.5	2.5	.
Franklin County	11.0	9.2	-1.8
Grand Isle County	.3	.	-.3
Lamoille County	.	.	.
Orange County	1.7	2.9	+1.2
Orleans County	3.5	4.9	+1.4
Rutland County	8.5	10.5	+2.0
Washington County	11.2	8.5	-2.7
Windham County	5.3	4.9	-.4
Windsor County	6.3	10.8	+4.5
SPECIALTY CARE:	2014	2016	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	139.2	171.9	+32.7
Addison County	2.9	4.6	+1.7
Bennington County	3.9	7.5	+3.6
Caledonia County	3.9	3.0	-.9
Chittenden County	69.7	77.1	+7.4
Essex County	.	.	.
Franklin County	5.9	7.6	+1.7
Grand Isle County	.	.	.
Lamoille County	3.3	4.6	+1.3
Orange County	5.0	3.6	-1.4
Orleans County	2.0	1.1	-.9
Rutland County	11.6	12.7	+1.1
Washington County	4.7	13.8	+9.1
Windham County	5.3	15.5	+10.2
Windsor County	21.1	20.8	-.3

Table 32 -- VT PAs, 2006 and 2016
 Changes in Number of PAs, Patient Care Hours
 and Specialties, between 2006 and 2016

	2006	2016	Change	
TOTAL	163	308	+145	+89%
Main specialty:				
Primary Care Total	83	106	+23	+28%
Family Practice	62	83	+21	+34%
Internal Medicine	11	16	+5	+45%
Ob/Gyn	8	2	-6	-75%
Pediatrics	2	5	+3	+150%
Specialty Care Total	80	202	+122	+153%
Anesthesiology	0	14	+14	
Dermatology	7	12	+5	+71%
Emergency Medicine	30	58	+28	+93%
Hospitalist	0	4	+4	
Internal Medicine	4	8	+4	+100%
Psychiatry	0	4	+4	
Radiology	0	3	+3	
Surgery: General	2	4	+2	+100%
Surgery: Orthopedic	19	43	+24	+126%
Surgery: Other	5	9	+4	+80%
Urology	5	2	-3	-60%
Urgent Care	0	17	+17	
General Practice	0	6	+6	
Other Specialties	8	18	+10	+125%
Age groups:				
younger than 35	28	71	+43	+154%
35 - 44	57	78	+21	+37%
45 - 54	45	82	+37	+82%
55 - 64	33	50	+17	+52%
65 and older	0	27	+27	
Gender:				
Male	70	119	+49	+70%
Female	93	189	+96	+103%
Patient care hours:				
40 or more hours/week	86	138	+52	+60%
30 to under 40 hours/week	35	92	+57	+163%
less than 30 hours/week	42	75	+33	+79%
hours unknown or undefined	0	3		

Table 33 -- VT PAs, 2006 and 2016
Full Time Equivalents (FTEs) by County

PRIMARY CARE:	2006	2016	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	62.6	82.5	+19.9
Addison County	1.6	1.5	-.1
Bennington County	3.7	4.2	+.5
Caledonia County	1.5	.7	-.8
Chittenden County	16.4	21.9	+5.5
Essex County	1.9	2.5	+.6
Franklin County	7.6	9.2	+1.6
Grand Isle County	1.0	.	-1.0
Lamoille County	.	.	.
Orange County	1.2	2.9	+1.7
Orleans County	2.1	4.9	+2.8
Rutland County	8.5	10.5	+2.0
Washington County	8.2	8.5	+.3
Windham County	3.4	4.9	+1.5
Windsor County	5.8	10.8	+5.0
SPECIALTY CARE:	2006	2016	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	70.2	171.9	+101.7
Addison County	1.7	4.6	+2.9
Bennington County	2.9	7.5	+4.6
Caledonia County	2.8	3.0	+.2
Chittenden County	34.1	77.1	+43.0
Essex County	.	.	.
Franklin County	2.1	7.6	+5.5
Grand Isle County	.	.	.
Lamoille County	1.2	4.6	+3.4
Orange County	.	3.6	+3.6
Orleans County	.	1.1	+1.1
Rutland County	5.7	12.7	+7.0
Washington County	4.4	13.8	+9.4
Windham County	3.5	15.5	+12.0
Windsor County	11.8	20.8	+9.0

Appendices

Appendix A. General Notes and Terms

Definition of Active Physician Assistant

A physician assistant (PA) who was relicensed for the period 2016-2017 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

- Anesthesiology
- Dermatology
- Emergency Medicine
- Hospitalist – now considered a specialty
- Internal Medicine includes several internal medicine subspecialties
- Psychiatry
- Radiology
- General Surgery
- Orthopedic Surgery
- 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.
- Urology
- 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.

Appendix B. Notes for specific tables

1. Calculation of Age

Ages are computed as 2016 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, 2015, as released by the Census Bureau. (Estimates for 2016 are not yet available as of the publication of this report.)

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 PA Census 2016

Identification

1) First Name* _____

2) Middle Name (if any) _____

3) Last Name* _____

4) Vermont Physician (or Anesthesiologist/Radiologist)
Assistant License
Number* _____

5) Do you have a National Provider Identification (NPI)
number?

No Yes

If yes, enter NPI Number: _____

Demographics

6) Date of birth* _____

7) Sex Male Female

8) 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: _____*

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

No

Yes, Mexican, Mexican American, Chicano/a

Yes, Puerto Rican

Yes, Cuban

Yes, another Hispanic, Latino/a, or of Spanish origin

Prefer not to answer

Training

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

Certificate / Diploma

Associate degree

Bachelor's degree

Master's degree

Other (specify): _____

**11) Please enter the two letter code for the state where you completed your physician assistant education:
(Use 2-letter abbreviations for states; CC for Canada, XX for other foreign countries) _____**

12) Name of school or program where you completed your PA education? _____

13) In what year did you complete your physician assistant education? _____

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

Yes No

15) Have you completed physician assistant post-graduate training?

Yes No

16) Have you completed specialty certification?

Yes No

17) In what year did you start practicing (anywhere) as a physician assistant? (if never, leave blank)

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

20) Are you actively work in Vermont as a physician assistant?

Yes No

If Yes go to 22, if No continue.

Not working in VT:

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

Yes No

22) Please check all of the boxes that describe your work as a PA (or AA):*

Working OUTSIDE Vermont as a PA

Working in a position that is not clinical practice, but requires a PA license

Actively working in a field other medicine

Not currently working

Retired

Other - please specify: _____*

Practice Site 1 (your principal clinical practice site):

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

27) Practice name: _____

28) Street Address: _____

29) Choose the **ONE description that best fits your practice at this site:***

- Office-based private solo physician practice
- Office-based private single-specialty physician group
- Office-based private 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 (FQHC/RHC)
- Public or community health clinic (not federally qualified)
- School or college-based clinic
- Occupational health setting
- Free Clinic
- Veterans Administration (VA)
- Telemedicine
- Other - please specify: _____*

For those who are active in clinical practice in VT:

Currently active

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

yes no

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

yes no I don't provide patient care in Vermont

25) Do you proficiently speak a language other than English at home?

Yes No

If yes: What is this language? _____

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".)* _____

31) Main specialty you actually practice at this site: (with or without a certification) * _____

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

33) Secondary specialty you actually practice at this site, if any:

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

35) Tertiary specialty you actually practice at this site, if any:

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

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

Yes No

38) 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

39) 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"/>

40) Do you work as a locum tenens physician assistant 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

41) Does your worksite accept PA students?

Yes No

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

	Hours per working week
42) Administration	
43) Teaching	
44) Research	
45) Quality Improvement/Patient Safety	
46) Other Activities	

Please describe these other activities, if any, e.g., research, continuing education, etc:

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

(Similar questions about second and third Vermont practice sites)

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

48) 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

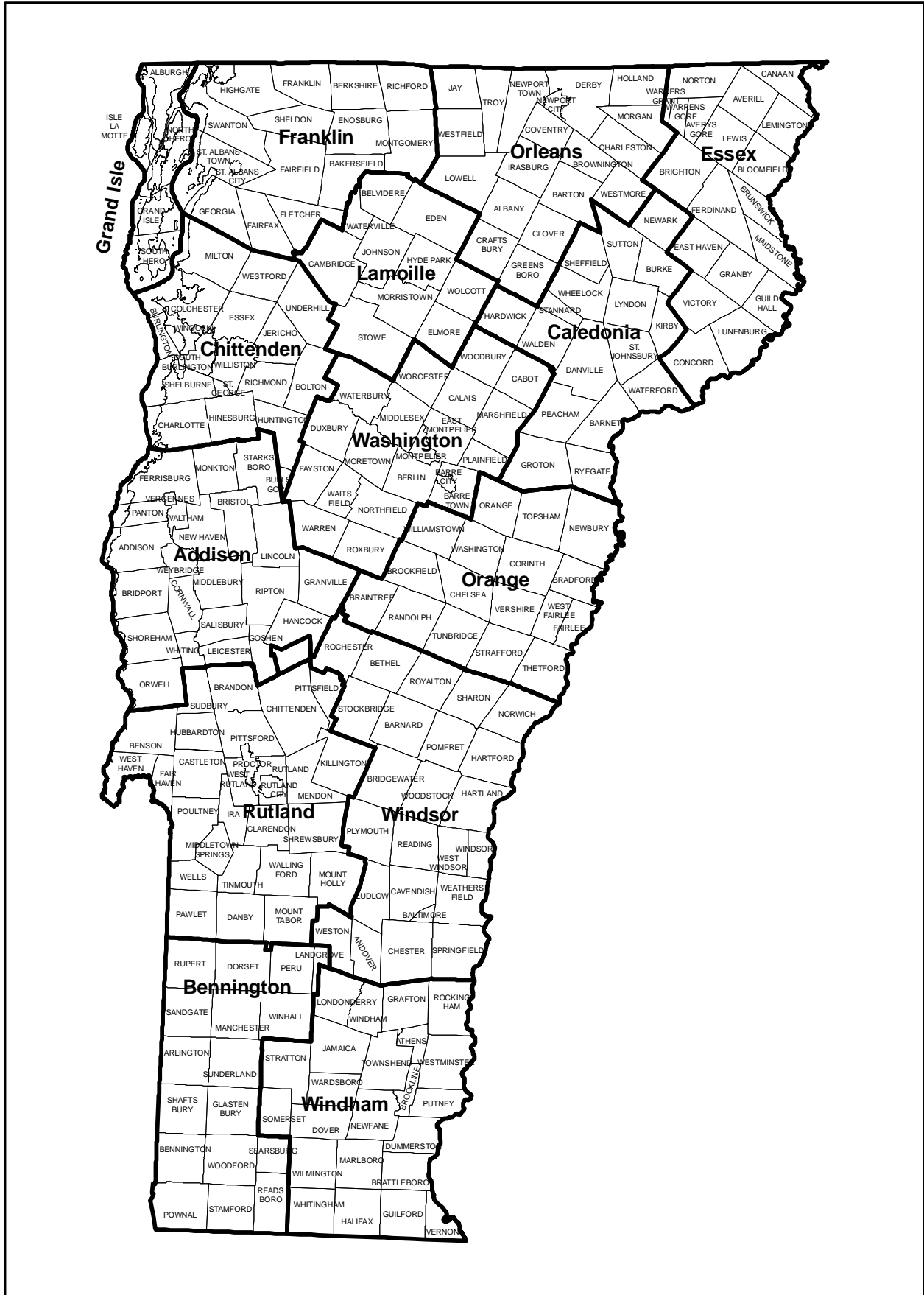
(continued)

(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

Appendix D: Vermont Counties and Towns



Appendix E: Health Care Areas used by the Vermont Blueprint for Health



Appendix F: Local Health Districts

