

Vermont Department of Health

Physician Assistants

2008 Survey

Statistical Report

2008 Physician Assistants Survey

Statistical Report

State of Vermont
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Agency of Human Services
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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.

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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 2008; 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, 2008. In cooperation with the Vermont Board of Medical Practice, the Department of Health included a survey with the relicensing renewal in the fall of 2007. A copy of the survey form is included in Appendix C. The surveys that were returned were compared against a list of all PAs who were relicensed. Follow-up mailings and phone calls were then made to those PAs residing in Vermont, or a neighboring state, who did not return a survey to determine if they were providing patient care in Vermont, and if so, to complete the survey. All PAs actively licensed at the time were reached, but one refused to provide data, thus the response rate was over 99%.

Included in this report are physician assistants who provide patient care in Vermont. A number of PAs maintain Vermont licenses even though they do not practice in Vermont. These PAs are excluded from this report. Also excluded are anesthesiology assistants (AAs), which are a separate license type, even though some of the AAs used to work as PAs in the past.

This is the sixth bi-annual survey of physician assistants. Results from the previous surveys are also available. Similar data are collected from other health professionals, including physicians and dentists. Results from all of these surveys are available on the Department of Health web site, at <http://healthvermont.gov> – under Publications / Health Reports / Health Care Provider Surveys.

Limitations: The surveys were reviewed for accuracy and consistency during the data entry and processing phases. Missing and/or inconsistent data items were evaluated as to their importance. For those data items that were determined to be essential, such as specialty or number of patient care hours, follow-up by phone and/or mail was conducted. Other data were inferred from other data sources or reported as missing. In general, however, the information for this report was self-reported and was not further verified. Data in this report are, therefore, subject to the limitations associated with the use of mailed 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.

Summary

- This report includes data reported by 191 physician assistants providing patient care in Vermont
- 85 (45%) of the physician assistants work mainly in primary care including:
 - 58 Family Practice Medicine
 - 15 Primary Care Internal Medicine
 - 9 Obstetrics and Gynecology
 - 3 Pediatric Primary Care
- 106 physician assistants provide mainly specialty care including:
 - 35 Emergency Medicine
 - 34 Surgery (23 orthopedic, 3 general, 8 other)
 - 9 Specialty Internal Medicine
 - 8 Dermatology
 - 4 Urology
 - 16 other specialties
- The 191 physician assistants represent the equivalent of 158.7 full-time providers (FTEs, defined as 40 or more hours of patient care per week). This includes 64.8 FTEs in primary care and 93.9 FTEs in specialty care
- Forty-seven of the 191 PAs are age 55 or older, and 15 of those are 60 or older
- One hundred and ten, or 58%, of the 191 physician assistants are women
- 52% of the women practice primary care, while 35% of the men practice primary care
- 60% of all physician assistants work full-time (40 hours per week or more)
 - 46% of primary care providers and 72% of specialty care providers work full time
 - 75% of men and 49% of women work full time

Comparison of Selected Physician Assistant Data, 1998-2008

	1998	2000	2002	2004	2006	2008
Total physician assistants active in Vermont	107	117	130	155	163	191
Percent female	52%	56%	59%	56%	57%	58%
Percent age 55 or older	4%	7%	9%	15%	20%	25%
Average patient care hours per week	36	34	36	37	35	36
Primary care PAs	68	70	69	79	83	85
Family Practice	44	51	53	55	62	58
Internal Medicine	12	7	7	10	11	15
Ob/Gyn	10	9	8	10	8	9
Pediatric Primary Care	2	3	1	4	2	3
% accepting new patients *	97%	95%	91%	97%	91%	85%
accepting new Medicaid patients *	90%	89%	86%	92%	81%	66%
accepting new Medicare patients *	95%	93%	86%	94%	83%	77%
Specialist PAs	39	47	61	76	80	106
Dermatology	1	1	2	6	7	8
Emergency Medicine	20	25	33	37	30	35
Internal Medicine	1	1	1	5	4	9
Orthopedic Surgery	5	5	8	14	19	23
Urology	2	4	4	4	5	4
Primary care PA FTEs	48.8	50.9	54.3	62.3	62.6	64.8
Family Practice	34.3	39.3	43.6	45.4	48.2	46.0
Internal Medicine	8.4	4.7	5.3	7.5	7.9	11.8
Ob/Gyn	4.7	5.5	4.5	5.6	4.4	4.8
Pediatric Primary Care	1.4	1.4	1.0	3.9	2.1	2.1
FTEs/100,000 population **	8.1	8.4	8.8	10.0	10.0	10.4
Specialist PA FTEs	37.7	42.1	54.8	69.2	70.2	93.9
Dermatology	0.8	0.8	2.0	5.7	6.6	7.6
Emergency Medicine	19.1	21.8	29.4	33.8	24.8	31.2
Internal Medicine	0.8	1.1	1.0	4.8	3.1	8.1
Orthopedic Surgery	4.6	4.6	7.5	12.9	17.8	20.7
Urology	2.4	3.1	3.0	3.2	3.9	3.1

* Each PA is counted only once here (in each year).

See Note 10 in Appendix B on tabulation of availability of care.

** Population estimates for 1998 revised after 2000 census.

Vermont Physician Assistants' Demographic Characteristics

Table 1 -- VT Physician Assistants, 2008
 Summary of Active Physician Assistants

TOTAL	191	(100%)
Main specialty:		
Primary Care Total	85	(45%)
Family Practice	58	(30%)
Internal Medicine (Primary Care)	15	(8%)
Obstetrics and Gynecology	9	(5%)
Pediatric Primary Care	3	(2%)
Specialty Care Total	106	(55%)
Dermatology	8	(4%)
Emergency Medicine	35	(18%)
Internal Medicine (Specialties)	9	(5%)
Surgery: General	3	(2%)
Surgery: Orthopedic	23	(12%)
Surgery: Other	8	(4%)
Urology	4	(2%)
Other Specialties	16	(8%)
Age groups:		
younger than 35	29	(15%)
35 - 44	67	(35%)
45 - 54	48	(25%)
55 - 59	32	(17%)
60 - 64	15	(8%)
65 and older	0	(0%)
Gender:		
Male	81	(42%)
Female	110	(58%)
Patient care hours:		
40 or more hours/week	115	(60%)
30 to 39 hours/week	30	(16%)
less than 30 hours/week	46	(24%)
Number of supervising physicians:		
One	7	(4%)
Two	40	(23%)
Three	29	(17%)
Four or more	97	(56%)
unknown	18	
Number of practice sites:		
One	140	(73%)
Two	27	(14%)
Three	24	(13%)
Four or more	0	(0%)

Table 2 -- VT Physician Assistants, 2008
Age by Specialty and by Gender

	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	191	29	67	48	32	15	.	8%
MALES	81	7	32	15	16	11	.	14%
FEMALES	110	22	35	33	16	4	.	4%
PRIMARY CARE	85	9	26	21	20	9	.	11%
Family Practice	58	7	21	14	9	7	.	12%
Internal Medicine	15	1	4	5	4	1	.	7%
Ob/Gyn	9	.	1	1	7	.	.	.
Pediatrics	3	1	.	1	.	1	.	33%
SPECIALTY CARE	106	20	41	27	12	6	.	6%
Dermatology	8	1	5	2	.	.	.	.
Emergency Medicine	35	5	13	7	7	3	.	9%
Internal Medicine	9	1	3	5	.	.	.	.
Surgery: General	3	1	.	2	.	.	.	.
Surgery: Orthopedic	23	5	7	7	4	.	.	.
Surgery: Other	8	2	5	.	1	.	.	.
Urology	4	.	1	2	.	1	.	25%
Other Specialties	16	5	7	2	.	2	.	13%
	Total	Percent in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	15%	35%	25%	17%	8%	.	8%
MALES	100%	9%	40%	19%	20%	14%	.	14%
FEMALES	100%	20%	32%	30%	15%	4%	.	4%
PRIMARY CARE	100%	11%	31%	25%	24%	11%	.	11%
SPECIALTY CARE	100%	19%	39%	25%	11%	6%	.	6%

See Note 1 for description of the calculation of age.

Table 3 -- VT Physician Assistants, 2008
Age by Specialty for Each Gender

Specialty	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	191	29	67	48	32	15	.	8%
MALES	81	7	32	15	16	11	.	14%
PRIMARY CARE	28	1	10	4	6	7	.	25%
Family Practice	22	.	8	4	4	6	.	27%
Internal Medicine	6	1	2	.	2	1	.	17%
SPECIALTY CARE	53	6	22	11	10	4	.	8%
Dermatology	1	.	1	.	.	.	.	.
Emergency Medicine	24	2	8	6	6	2	.	8%
Internal Medicine	3	.	2	1	.	.	.	.
Surgery: General	2	.	.	2	.	.	.	.
Surgery: Orthopedic	13	3	5	2	3	.	.	.
Surgery: Other	4	.	3	.	1	.	.	.
Urology	1	.	.	.	.	1	.	100%
Other Specialties	5	1	3	.	.	1	.	20%
FEMALES	110	22	35	33	16	4	.	4%
PRIMARY CARE	57	8	16	17	14	2	.	4%
Family Practice	36	7	13	10	5	1	.	3%
Internal Medicine	9	.	2	5	2	.	.	.
Ob/Gyn	9	.	1	1	7	.	.	.
Pediatrics	3	1	.	1	.	1	.	33%
SPECIALTY CARE	53	14	19	16	2	2	.	4%
Dermatology	7	1	4	2	.	.	.	.
Emergency Medicine	11	3	5	1	1	1	.	9%
Internal Medicine	6	1	1	4	.	.	.	.
Surgery: General	1	1	.	.	.	.	.	.
Surgery: Orthopedic	10	2	2	5	1	.	.	.
Surgery: Other	4	2	2	.	.	.	.	.
Urology	3	.	1	2	.	.	.	.
Other Specialties	11	4	4	2	.	1	.	9%

See Note 1 for description of the calculation of age.

Table 4 -- VT Physician Assistants, 2008
Age by County

County	Total	Number in Age Group						Age 60+ (%)
		<35	35-44	45-54	55-59	60-64	65+	
STATEWIDE TOTAL								
Total	191	29	67	48	32	15	.	8%
Primary Care	85	9	26	21	20	9	.	11%
Specialists	106	20	41	27	12	6	.	6%
Addison County								
Primary Care	1	.	1	.	.	.	.	.
Specialists	4	.	3	.	1	.	.	.
Bennington County								
Primary Care	4	2	.	1	.	1	.	25%
Specialists	4	1	.	1	1	1	.	25%
Caledonia County								
Primary Care	2	.	.	2	.	.	.	.
Specialists	4	.	.	2	1	1	.	25%
Chittenden County								
Primary Care	22	3	5	5	7	2	.	9%
Specialists	47	10	23	11	1	2	.	4%
Essex County								
Primary Care	1	.	.	.	1	.	.	.
Specialists	0	.	.	.	.	.	.	.
Franklin County								
Primary Care	10	.	4	3	1	2	.	20%
Specialists	2	1	.	1	.	.	.	.
Grand Isle County								
Primary Care	1	.	1	.	.	.	.	.
Specialists	0	.	.	.	.	.	.	.
Lamoille County								
Primary Care	1	.	.	1	.	.	.	.
Specialists	3	.	2	1	.	.	.	.
Orange County								
Primary Care	3	1	1	1	.	.	.	.
Specialists	3	.	1	2	.	.	.	.
Orleans County								
Primary Care	4	1	2	.	1	.	.	.
Specialists	1	1	.	.	.	.	.	.
Rutland County								
Primary Care	11	1	4	3	3	.	.	.
Specialists	10	2	3	3	2	.	.	.
Washington County								
Primary Care	11	1	3	3	3	1	.	9%
Specialists	6	.	2	1	3	.	.	.
Windham County								
Primary Care	5	.	3	1	.	1	.	20%
Specialists	5	.	.	2	2	1	.	20%
Windsor County								
Primary Care	9	.	2	1	4	2	.	22%
Specialists	17	5	7	3	1	1	.	6%

Each PA is counted once in this table, in his or her main specialty group, and, independently, main county of practice (see Note 2). See Note 1 for description of the calculation of age.

Table 5 -- VT Physician Assistants, 2008
Gender by County

County	Total	Males	Females
STATEWIDE TOTAL			
Total	191	81 (42%)	110 (58%)
Primary Care	85	28 (33%)	57 (67%)
Specialists	106	53 (50%)	53 (50%)
Addison County			
Primary Care	1	0	1 (100%)
Specialists	4	2 (50%)	2 (50%)
Bennington County			
Primary Care	4	2 (50%)	2 (50%)
Specialists	4	1 (25%)	3 (75%)
Caledonia County			
Primary Care	2	0 (0%)	2 (100%)
Specialists	4	3 (75%)	1 (25%)
Chittenden County			
Primary Care	22	3 (14%)	19 (86%)
Specialists	47	20 (43%)	27 (57%)
Essex County			
Primary Care	1	1 (100%)	0
Specialists	0		
Franklin County			
Primary Care	10	7 (70%)	3 (30%)
Specialists	2	0 (0%)	2 (100%)
Grand Isle County			
Primary Care	1	0	1 (100%)
Specialists	0		
Lamoille County			
Primary Care	1	0	1 (100%)
Specialists	3	1 (33%)	2 (67%)
Orange County			
Primary Care	3	1 (33%)	2 (67%)
Specialists	3	1 (33%)	2 (67%)
Orleans County			
Primary Care	4	2 (50%)	2 (50%)
Specialists	1	0	1 (100%)
Rutland County			
Primary Care	11	6 (55%)	5 (45%)
Specialists	10	5 (50%)	5 (50%)
Washington County			
Primary Care	11	1 (9%)	10 (91%)
Specialists	6	4 (67%)	2 (33%)
Windham County			
Primary Care	5	2 (40%)	3 (60%)
Specialists	5	4 (80%)	1 (20%)
Windsor County			
Primary Care	9	3 (33%)	6 (67%)
Specialists	17	12 (71%)	5 (29%)

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

Table 6 -- VT Physician Assistants, 2008
School Location by Specialty

Specialty	Total	Percent Graduated from School in Region								
		VT	NH	Other NewEng	Mid Atlant	South Central	West	Canada	Other Foreign	
TOTAL	191	3%	4%	23%	35%	22%	8%	5%	.	.
PRIMARY CARE	85	6%	4%	26%	40%	15%	4%	6%	.	.
Family Practice	58	6%	2%	35%	39%	9%	2%	7%	.	.
Internal Medicine	15	.	7%	13%	47%	20%	13%	.	.	.
Ob/Gyn	9	22%	11%	.	11%	44%	.	11%	.	.
Pediatrics	3	.	.	.	100%	.	.	.	.	.
SPECIALTY CARE	106	1%	4%	21%	31%	27%	12%	5%	.	.
Dermatology	8	.	.	25%	25%	38%	13%	.	.	.
Emergency Medicine	35	3%	3%	12%	32%	35%	9%	6%	.	.
Internal Medicine	9	.	.	33%	11%	33%	22%	.	.	.
Surgery: General	3	.	.	.	67%	.	.	33%	.	.
Surgery: Orthopedic	23	.	9%	39%	26%	22%	4%	.	.	.
Surgery: Other	8	.	.	25%	63%	13%	.	.	.	.
Urology	4	.	.	25%	.	.	50%	25%	.	.
Other Specialties	16	.	7%	7%	33%	27%	20%	7%	.	.

State of school is not known for 22 of the primary care PAs and 29 of the specialists. This table uses the standard mapping of states to regions, but separates out VT and NH (Note 12).

Table 7 -- VT Physician Assistants, 2008
 Years in Clinical Practice

In Clinical Practice	Total	In Vermont
less than a year	3 (2%)	21 (11%)
1 or 2 years	6 (3%)	28 (15%)
3 or 4 years	19 (11%)	25 (13%)
5 to 9 years	46 (26%)	37 (19%)
10 to 14 years	32 (18%)	32 (17%)
15 to 19 years	10 (6%)	13 (7%)
20 to 24 years	21 (12%)	13 (7%)
25 to 29 years	23 (13%)	11 (6%)
30 years or more	15 (9%)	10 (5%)
unknown	16	1
Total	191	191
Median Years	12	7

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

Table 8 -- VT Physician Assistants, 2008
Full Time Equivalents (FTEs) by Age and Gender by Specialty

	Total	FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	158.7	25.7	56.9	39.4	24.6	12.1	.	8%
MALES	74.0	6.1	29.3	14.4	14.5	9.6	.	13%
FEMALES	84.7	19.6	27.6	25.0	10.1	2.5	.	3%
PRIMARY CARE	64.8	8.0	20.0	16.5	13.7	6.6	.	10%
Family Practice	46.0	6.0	15.8	12.1	7.0	5.1	.	11%
Internal Medicine	11.8	1.0	3.4	3.4	3.0	1.0	.	8%
Ob/Gyn	4.8	.1	.8	.4	3.6	.	.	0%
Pediatrics	2.1	1.0	.	.6	.	.5	.	23%
SPECIALTY CARE	93.9	17.7	36.9	22.9	11.0	5.5	.	6%
Dermatology	7.6	1.0	4.8	1.8	.	.	.	0%
Emergency Medicine	31.2	5.1	11.0	6.6	5.8	2.7	.	9%
Internal Medicine	8.1	.8	3.0	4.2	<.05	.	.	0%
Surgery: General	2.3	1.0	.1	1.2	.	.	.	0%
Surgery: Orthopedic	20.7	4.0	6.4	6.3	4.0	.	.	0%
Surgery: Other	7.9	2.0	4.9	.	1.0	.	.	0%
Urology	3.1	.	.9	1.2	.	1.0	.	33%
Other Specialties	13.1	3.8	5.8	1.5	.1	1.9	.	14%
	Total	% of total FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	16%	36%	25%	16%	8%	.	8%
MALES	100%	8%	40%	20%	20%	13%	.	13%
FEMALES	100%	23%	33%	29%	12%	3%	.	3%
PRIMARY CARE	100%	12%	31%	26%	21%	10%	.	10%
SPECIALTY CARE	100%	19%	39%	24%	12%	6%	.	6%

See Note 1 for description of the calculation of age

Table 9 -- VT Physician Assistants, 2008
Full Time Equivalents (FTEs) by Age by County

County	Total	FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	158.7	25.7	56.9	39.4	24.6	12.1	.	8%
Primary Care	64.8	8.0	20.0	16.5	13.7	6.6	.	10%
Specialists	93.9	17.7	36.9	22.9	11.0	5.5	.	6%
Addison County								
Primary Care	.9	.	.9	.	.	.	.	0%
Specialists	2.9	.	2.1	.	.5	.3	.	10%
Bennington County								
Primary Care	3.9	2.0	.	1.0	.	.9	.	23%
Specialists	3.4	.5	.	.9	1.0	1.0	.	30%
Caledonia County								
Primary Care	2.0	.	.	2.0	.	.	.	0%
Specialists	3.1	.	.	1.7	.5	.9	.	28%
Chittenden County								
Primary Care	15.6	2.3	3.7	3.4	4.9	1.2	.	8%
Specialists	43.4	10.0	21.2	9.7	1.1	1.5	.	3%
Essex County								
Primary Care	1.0	.	.	.	1.0	.	.	0%
Specialists	.	.	.	.	.	.	.	.
Franklin County								
Primary Care	8.6	.	3.1	2.6	1.0	2.0	.	23%
Specialists	1.1	.5	.2	.3	.1	.	.	0%
Grand Isle County								
Primary Care	.8	.	.8	.	.	<.05	.	1%
Specialists	.	.	.	.	.	.	.	.
Lamoille County								
Primary Care	.	.	.	.	.	.	.	.
Specialists	2.7	.	2.0	.7	.	.	.	0%
Orange County								
Primary Care	2.6	.7	1.0	1.0	.	.	.	0%
Specialists	2.9	.	.9	2.0	.	.	.	0%
Orleans County								
Primary Care	3.9	1.0	1.9	.	1.0	.	.	0%
Specialists	1.3	1.0	.	.3	.	.	.	0%
Rutland County								
Primary Care	8.0	.9	2.6	2.2	2.3	.	.	0%
Specialists	7.4	1.8	1.3	2.6	1.8	.	.	0%
Washington County								
Primary Care	8.6	1.0	2.6	2.8	1.4	.8	.	9%
Specialists	5.5	.	1.9	.7	2.9	.	.	0%
Windham County								
Primary Care	3.6	.	2.6	.5	.	.5	.	14%
Specialists	4.8	<.05	.6	1.2	2.0	.9	.	19%
Windsor County								
Primary Care	5.3	.2	.8	1.1	2.1	1.2	.	23%
Specialists	15.4	3.9	6.7	2.8	1.0	1.0	.	6%

See Note 1 for description of the calculation of age.

Table 10 -- VT Physician Assistants, 2008
 Numbers of PAs, Full Time Equivalent (FTEs),
 and Total Weekly Patient Care Hours, by County

Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL	191 158.7 6791	90 64.8 2705	118 93.9 4087
Addison County	7 3.8 170	1 .9 36	6 2.9 134
Bennington County	8 7.3 312	4 3.9 175	4 3.4 137
Caledonia County	6 5.1 210	3 2.0 81	4 3.1 129
Chittenden County	71 58.9 2556	23 15.6 627	49 43.4 1929
Essex County	1 1.0 40	1 1.0 40	.. ..
Franklin County	14 9.7 409	10 8.6 363	6 1.1 46
Grand Isle County	4 .8 34	4 .8 34	.. ..
Lamoille County	5 2.7 113	. . . .	5 2.7 113
Orange County	6 5.5 224	4 2.6 110	3 2.9 114
Orleans County	6 5.2 240	4 3.9 157	2 1.3 83
Rutland County	26 15.4 642	12 8.0 337	14 7.4 305
Washington County	19 14.2 580	12 8.6 358	7 5.5 221
Windham County	18 8.4 364	6 3.6 160	14 4.8 204
Windsor County	30 20.7 898	14 5.3 227	20 15.4 672

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

Table 11 -- VT Physician Assistants, 2008
 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	90 64.8 2705	66 46.0 1922	17 11.8 504	10 4.8 193	3 2.1 85
Addison County	1 .9 36	1 .9 36	.. .. .	.. .. .	.. .. .
Bennington County	4 3.9 175	3 2.9 135	. . . . .	. . . . .	1 1.0 40
Caledonia County	3 2.0 81	3 1.2 47	2 .9 34	.. .. .	.. .. .
Chittenden County	23 15.6 627	15 10.3 411	2 1.4 59	6 3.9 157	.. .. .
Essex County	1 1.0 40	. . . . .	1 1.0 40	.. .. .	.. .. .
Franklin County	10 8.6 363	9 8.0 337	1 .7 26	.. .. .	.. .. .
Grand Isle County	4 .8 34	4 .8 34	.. .. .	.. .. .	.. .. .
Lamoille County	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Orange County	4 2.6 110	3 1.7 70	1 .8 38	1 .1 2	.. .. .
Orleans County	4 3.9 157	3 2.9 115	1 1.0 42	.. .. .	.. .. .
Rutland County	12 8.0 337	10 7.5 309	1 .3 20	1 .2 8	.. .. .
Washington County	12 8.6 358	8 6.4 268	2 1.2 48	2 .4 17	1 .6 25
Windham County	6 3.6 160	2 1.6 70	2 1.4 66	1 .1 4	1 .5 20
Windsor County	14 5.3 227	7 1.9 90	6 3.3 131	2 .1 5	.. .. .

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

Table 12 -- VT Physician Assistants, 2008
 Numbers of Specialty Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by County

Count FTEs Hours	SPECIALTY CARE								
	TOTAL	DERMA- TOLOGY	EMERGENCY MEDICINE	INTERNAL MEDICINE	GENERAL SURGERY	ORTHOP. SURGERY	OTHER SURGERY	UROLOGY	OTHER
STATE TOTAL	118 93.9 4087	8 7.6 325	46 31.2 1364	12 8.1 349	5 2.3 96	25 20.7 859	8 7.9 389	4 3.1 132	21 13.1 573
Addison County	6 2.9 134	. . . .	4 1.1 46	. . . .	. . . .	2 1.6 76	. . . .	1 .3 12	.. ..
Bennington County	4 3.4 137	. . . .	. . . .	. . . .	. . . .	2 1.9 75	. . . .	. . . .	2 1.5 62
Caledonia County	4 3.1 129	. . . .	1 .5 20	. . . .	2 1.2 50	2 .3 12	. . . .	. . . .	2 1.1 47
Chittenden County	49 43.4 1929	8 7.5 321	14 9.9 409	3 3.0 140	1 .1 5	8 7.4 308	8 7.9 389	2 1.7 78	8 5.8 279
Essex County	. 10000.	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
Franklin County	6 1.1 46	1 <.05 2	3 .2 10	1 .3 13	. . . .	. . . .	. . . .	. . . .	1 .5 21
Grand Isle County	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
Lamoille County	5 2.7 113	1 <.05 2	1 .5 20	. . . .	. . . .	2 2.0 83	. . . .	1 .2 8	.. ..
Orange County	3 2.9 114	. . . .	. . . .	2 2.0 80	. . . .	. . . .	. . . .	1 .9 34	.. ..
Orleans County	2 1.3 83	. . . .	1 1.0 71	1 .3 13	.. ..	.. ..	.. ..	.. ..	.. ..
Rutland County	14 7.4 305	. . . .	6 1.9 83	2 .6 23	. . . .	2 2.0 80	. . . .	. . . .	5 2.9 120
Washington County	7 5.5 221	. . . .	2 1.9 78	. . . .	1 <.05 1	3 2.6 103	. . . .	. . . .	1 1.0 40
Windham County	14 4.8 204	. . . .	10 3.7 160	. . . .	. . . .	1 1.0 40	. . . .	. . . .	3 .1 4
Windsor County	20 15.4 672	. . . .	11 10.5 468	5 1.9 82	1 1.0 40	3 2.1 82	.. ..	.. ..	.. ..

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

Table 13 -- VT Physician Assistants, 2008
 Primary Care Provider FTE to Population Ratios by County

County	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	64.82	621,270	10.43	9,585
Addison County	.90	36,617	2.46	40,686
Bennington County	3.88	36,382	10.65	9,389
Caledonia County	2.01	30,470	6.60	15,141
Chittenden County	15.55	152,782	10.18	9,825
Essex County	1.00	6,500	15.38	6,500
Franklin County	8.63	47,949	17.99	5,559
Grand Isle County	.82	7,729	10.66	9,380
Lamoille County	.00	24,833	.00	.
Orange County	2.62	28,917	9.05	11,045
Orleans County	3.88	27,189	14.25	7,017
Rutland County	7.98	63,331	12.60	7,938
Washington County	8.62	58,829	14.65	6,827
Windham County	3.65	43,176	8.45	11,833
Windsor County	5.29	56,566	9.35	10,690

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 two digits for display
 only - the ratios were calculated using the unrounded values.

Population estimates are from the Census Bureau for July 2008
 (see Note 7).

Table 14 -- VT Physician Assistants, 2008
Total FTEs by Practice Setting by Specialty

Care Setting	FTEs in Primary Care Specialty			
	Family	Internal	Ob/Gyn	Pediatric
TOTAL, all settings	46.0	11.8	4.8	2.1
Ambulatory-incl hosp	3.6	1.0	.8	.
Ambulatory-w/o hosp	33.3	5.7	1.2	.6
Office, incl hosp	1.7	1.5	1.0	1.5
Office, w/o hosp	6.1	3.1	1.9	.
Hospital-based splty	.	.	.	.
Hospitalist	.	.	.	.
Student health ctr	.4	.	.	.
Extended care	.	<.05	.	.
Other	.9	.5	.	.

Care Setting	FTEs in Specialty Care							
	Derm	Emerg	Intern	Gen Surg	Orth Surg	Other Surg	Urolog	Other Spec
TOTAL, all settings	7.6	31.2	8.1	2.3	20.7	7.9	3.1	13.1
Ambulatory-incl hosp	.	2.1	.	.	2.2	1.0	.	.
Ambulatory-w/o hosp	1.0	2.5	.	.	.2	.	.	.1
Office, incl hosp	.	.3	.	1.0	12.9	4.0	1.9	2.3
Office, w/o hosp	6.6	1.5	1.9	<.05	4.0	.	.2	3.7
Hospital-based splty	.	24.9	2.3	1.3	1.4	1.9	1.0	3.8
Hospitalist	.	.	3.8	.	.	1.0	.	3.0
Student health ctr	.	.	.	.	.	.	.	.
Extended care	.	.	.	.	<.05	.	.	.
Other	.	.	.	.	.	.	.	.2

All worksites of each PA are counted in this table.

Table 15 -- VT Physician Assistants, 2008
Detailed Specialty List

SPECIALTY GROUP Specialty	Count of PAs Working in Specialty		
	As Main Specialty	As Secondary Specialty	FTE
TOTAL	191		
--- PRIMARY CARE ---			
FAMILY PRACTICE			
Family Practice	51	8	39.1
Adolescent Medicine (FP)	2	0	1.9
General Practice	4	1	4.0
Geriatric Family Medicine	1	0	1.0
INTERNAL MEDICINE (PRIMARY)			
Internal Medicine	15	2	11.8
OB/GYN			
Gynecology	8	1	4.5
Obstetrics & Gynecology	1	0	.4
PEDIATRICS (general)	3	0	2.1
--- SPECIALTY CARE ---			
DERMATOLOGY	8	0	7.6
EMERGENCY MEDICINE			
Emergency Medicine	35	11	31.0
Emergency Medicine: Sports	0	1	.2
INTERNAL MEDICINE (SPECIALTY)			
Cardiovascular Disease	1	0	.8
Internal Medicine (hospitalist)	4	3	3.9
Interventional Cardiology	0	1	.2
Medical Oncology	2	0	1.3
Nephrology	2	0	1.9
SURGERY: GENERAL	3	2	2.3
SURGERY: ORTHOPEDIC			
Adult Reconstructive Orthopedics	0	1	.4
Hand Surgery (Orthopedic)	1	0	.9
Orthopedic Surgery	15	2	14.7
Orthopedic Surgery Of The Spine	1	0	1.0
Orthopedic Surgery: Sports	6	0	3.7
SURGERY: OTHER			
Cardiovascular Surgery	1	0	1.0
Colon & Rectal Surgery	1	0	1.0
General Vascular Surgery	1	0	1.0
Neurological Surgery	3	0	3.0
Surgical Critical Care	1	0	.9
Thoracic Surgery	1	0	1.0
UROLOGY	4	0	3.1
OTHER SPECIALTIES			
Allergy	1	0	.3
Family Medicine: Sports	0	3	.1
Family Practice (hospitalist)	1	1	.4
Occupational Medicine	4	0	3.4
Otolaryngology	2	0	1.3
Pain Medicine (PM)	1	0	1.0
Plastic Surgery	2	0	2.0
Psychiatry	3	0	2.8
Vascular/Interventional Radiology	2	0	1.6
Unlisted Specialty	0	1	.2

Vermont Physician Assistants' Practice Characteristics

Table 16 -- VT Physician Assistants, 2008
Practice Setting by Specialty

Care Setting	Number in Primary Care Specialty			
	Family	Internal	Ob/Gyn	Pediatric
TOTAL, all settings	58	15	9	3
Ambulatory-incl hosp	4	1	1	.
Ambulatory-w/o hosp	42	8	3	1
Office, incl hosp	2	2	1	2
Office, w/o hosp	7	3	4	.
Hospital-based splty	.	.	.	.
Hospitalist	.	.	.	.
Student health ctr	2	.	.	.
Other	1	1	.	.

Care Setting	Number in Specialty							
	Derm	Emerg	Intern	Gen Surg	Orth Surg	Other Surg	Urolog	Other Spec
TOTAL, all settings	8	35	9	3	23	8	4	16
Ambulatory-incl hosp	.	3	.	.	2	1	.	.
Ambulatory-w/o hosp	1	2	.	.	.	.	.	.
Office, incl hosp	.	.	.	1	15	4	2	3
Office, w/o hosp	7	2	2	.	5	.	1	5
Hospital-based splty	.	28	3	2	1	2	1	4
Hospitalist	.	.	4	.	.	1	.	4
Student health ctr	.	.	.	.	.	.	.	.
Other	.	.	.	.	.	.	.	.

Each PA is counted once in this table, in their main specialty group, and, independently, in their main practice setting (Note 8).

Table 17 -- VT Physician Assistants, 2008
Practice Setting by Age

Care Setting	Total	Number in Age Group					
		<35	35-44	45-54	55-59	60-64	65+
TOTAL, all settings	191 (100%)	29	67	48	32	15	.
Ambulatory-incl hosp	12 (6%)	.	8	1	1	2	.
Ambulatory-w/o hosp	57 (30%)	7	16	15	12	7	.
Office, incl hosp	32 (17%)	9	9	5	7	2	.
Office, w/o hosp	36 (19%)	5	13	10	7	1	.
Hospital-based splty	41 (21%)	6	16	11	5	3	.
Hospitalist	9 (5%)	2	4	3	.	.	.
Student health ctr	2 (1%)	.	1	1	.	.	.
Other	2 (1%)	.	.	2	.	.	.

Each PA is counted once in this table, in main practice setting.
See note 1 regarding calculation of ages.

Table 18 -- VT Physician Assistants, 2008
Practice Setting by Gender

Care Setting	Total	Males		Females	
		Number	Percentage	Number	Percentage
TOTAL, all settings	191	81	(100%)	110	(100%)
Ambulatory-incl hosp	12	6	(7%)	6	(5%)
Ambulatory-w/o hosp	57	23	(28%)	34	(31%)
Office, incl hosp	32	13	(16%)	19	(17%)
Office, w/o hosp	36	9	(11%)	27	(25%)
Hospital-based splty	41	25	(31%)	16	(15%)
Hospitalist	9	5	(6%)	4	(4%)
Student health ctr	2	0	(0%)	2	(2%)
Other	2	0	(0%)	2	(2%)

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

Table 19 -- VT Physician Assistants, 2008
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 < 45	Age 45-54	Age 55+	
ALL SPECIALTIES	191	36	38	35	32	60%
PRIMARY CARE	85	32	34	34	29	46%
Family Practice	58	33	33	36	32	50%
Internal Medicine	15	33	36	31	33	53%
Ob/Gyn	9	21	.	.	21	11%
Pediatrics	3	30	.	.	.	33%
SPECIALTY CARE	106	38	40	36	38	72%
Dermatology	8	41	42	.	.	75%
Emergency Medicine	35	37	37	40	36	66%
Internal Medicine	9	39	47	34	.	78%
Surgery: General	3	42	.	.	.	100%
Surgery: Orthopedic	23	38	39	36	40	74%
Surgery: Other	8	49	49	.	.	100%
Urology	4	35	.	.	.	75%
Other Specialties	16	34	36	.	.	56%

Averages based on less than 3 people are suppressed.

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

See Note 1 for description of the calculation of age.

Table 20 -- VT Physician Assistants, 2008
Average Patient Care Hours per Week,
by Gender, Specialty and Age

Main Specialty	Total PAs	Average Patient Care Hours per Week				% Working Full Time (%)
		All Ages	Age < 45	Age 45-54	Age 55+	
MALES:						
ALL SPECIALTIES	81	40	40	42	38	75%
PRIMARY CARE	28	39	39	46	35	71%
Family Practice	22	38	37	46	36	68%
Internal Medicine	6	40	46	.	34	83%
SPECIALTY CARE	53	40	40	41	40	77%
Dermatology	1	.	.	.	.	.
Emergency Medicine	24	40	38	43	39	75%
Internal Medicine	3	47	.	.	.	100%
Surgery: General	2	.	.	.	.	.
Surgery: Orthopedic	13	36	35	.	40	69%
Surgery: Other	4	51	52	.	.	100%
Urology	1	.	.	.	.	.
Other Specialties	5	38	39	.	.	60%
FEMALES:						
ALL SPECIALTIES	110	33	36	31	25	49%
PRIMARY CARE	57	29	31	31	23	33%
Family Practice	36	30	31	33	25	39%
Internal Medicine	9	29	.	31	.	33%
Ob/Gyn	9	21	.	.	21	11%
Pediatrics	3	30	.	.	.	33%
SPECIALTY CARE	53	37	40	32	33	66%
Dermatology	7	40	41	.	.	71%
Emergency Medicine	11	33	36	.	.	45%
Internal Medicine	6	36	.	32	.	67%
Surgery: General	1	.	.	.	.	.
Surgery: Orthopedic	10	41	47	37	.	80%
Surgery: Other	4	47	47	.	.	100%
Urology	3	33	.	.	.	67%
Other Specialties	11	32	34	.	.	55%

Averages based on less than 3 people are suppressed.

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

See Note 1 for description of the calculation of age.

Table 21 -- VT Physician Assistants, 2008
Average Patient Care Hours per Week,
by Age, by County

County	Total	Average Patient Care Hours per Week				% Working Full Time (%)
		All Ages	Age < 45	Age 45-54	Age 55+	
STATEWIDE TOTAL						
Primary Care	85	32	34	34	29	46%
Specialists	106	38	40	36	38	72%
Addison County						
Primary Care	1	.	.	.	.	.
Specialists	4	33	37	.	.	50%
Bennington County						
Primary Care	4	44	.	.	.	75%
Specialists	4	40	.	.	.	75%
Caledonia County						
Primary Care	2	.	.	.	.	.
Specialists	4	35	.	.	.	50%
Chittenden County						
Primary Care	22	28	30	24	28	27%
Specialists	47	41	43	37	40	77%
Essex County						
Primary Care	1	.	.	.	.	.
Specialists	0	.	.	.	.	.
Franklin County						
Primary Care	10	39	39	36	41	80%
Specialists	2	.	.	.	.	.
Grand Isle County						
Primary Care	1	.	.	.	.	.
Specialists	0	.	.	.	.	.
Lamoille County						
Primary Care	1	.	.	.	.	.
Specialists	3	30	.	.	.	67%
Orange County						
Primary Care	3	37	.	.	.	67%
Specialists	3	40	.	.	.	100%
Orleans County						
Primary Care	4	39	39	.	.	75%
Specialists	1	.	.	.	.	.
Rutland County						
Primary Care	11	30	28	34	30	36%
Specialists	10	27	20	33	.	50%
Washington County						
Primary Care	11	32	39	35	24	45%
Specialists	6	37	.	.	39	50%
Windham County						
Primary Care	5	34	45	.	.	60%
Specialists	5	34	.	.	42	80%
Windsor County						
Primary Care	9	23	.	.	23	22%
Specialists	17	41	40	45	.	88%

Averages based on less than 3 people are suppressed.
See Note 1 for description of the calculation of age.
'Full Time' is 40 (or more) hours of direct patient care per week in Vermont, 48 weeks per year (see Note 22).
Each PA is counted once, in main specialty group and, independently, in main county of practice (Note 2).

(Table 22 omitted)

Table 23 -- VT Physician Assistants, 2008
Practice Availability by Specialty

Specialty	PAs	Accept New Patients	Participate in Medicaid	Accept New Medicaid Patients	Participate in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
TOTAL	135	90%	91%	72%	96%	82%
PRIMARY CARE	81	85%	93%	66%	97%	77%
Family Practice	55	90%	92%	70%	98%	82%
Internal Medicine	14	50%	92%	25%	91%	36%
Ob/Gyn	9	100%	100%	88%	100%	100%
Pediatrics	3	100%	100%	100%	n.a.	n.a.
SPECIALTY CARE	54	98%	87%	81%	94%	90%
Dermatology	8	100%	57%	43%	100%	100%
Internal Medicine	3	50%	100%	50%	100%	50%
Surgery: General	3	100%	50%	0%	50%	0%
Surgery: Orthopedic	22	100%	100%	100%	100%	100%
Surgery: Other	5	100%	100%	100%	100%	100%
Urology	3	100%	100%	100%	100%	100%
Other Specialties	10	100%	78%	78%	78%	78%

Only office settings are included.

Emergency Medicine is 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. 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 10 regarding tabulation of availability.

Table 24 -- VT Physician Assistants, 2008
Practice Availability by County

County	Offices	Accept New Patients	Accept New Medicaid Patients	Accept New Medicare Patients
		(%)	(%)	(%)
STATEWIDE TOTAL				
Primary Care	103	84%	71%	80%
Specialists	80	93%	80%	89%
Addison County				
Primary Care	1	100%	100%	100%
Specialists	3	100%	100%	100%
Bennington County				
Primary Care	4	75%	75%	67%
Specialists	4	100%	100%	100%
Caledonia County				
Primary Care	3	100%	100%	100%
Specialists	3	.	.	.
Chittenden County				
Primary Care	21	95%	72%	89%
Specialists	32	93%	77%	93%
Essex County				
Primary Care	1	100%	100%	100%
Specialists	0			
Franklin County				
Primary Care	11	100%	91%	100%
Specialists	4	100%	50%	50%
Grand Isle County				
Primary Care	4	100%	100%	100%
Specialists	4	100%	100%	100%
Orange County				
Primary Care	6	83%	83%	83%
Specialists	1	100%	100%	100%
Orleans County				
Primary Care	4	50%	50%	50%
Specialists	1	.	.	.
Rutland County				
Primary Care	12	100%	50%	89%
Specialists	7	100%	100%	100%
Washington County				
Primary Care	15	83%	83%	80%
Specialists	5	100%	75%	75%
Windham County				
Primary Care	6	75%	75%	67%
Specialists	10	33%	33%	67%
Windsor County				
Primary Care	15	45%	30%	33%
Specialists	6	100%	75%	75%

Only office settings are included (see Note 11).
Each site a PA practices in is counted separately (see Note 10).
Emergency Medicine is excluded from this table.
Blank (.) entries are due to missing data.
See Note 10 regarding tabulation of availability.

Table 25 -- VT Physician Assistants, 2008
Plan to Retire, Leave, or Reduce Hours Within 5 Years

Specialty	Total PAs	Plan to Retire or Leave VT	Plan to Reduce Hours
		(%)	(%)
TOTAL	191	5%	9%
PRIMARY CARE	85	9%	14%
Family Practice	58	9%	13%
Internal Medicine	15	7%	7%
Ob/Gyn	9	0%	25%
Pediatrics	3	33%	33%
SPECIALTY CARE	106	2%	5%
Dermatology	8	0%	0%
Emergency Medicine	35	3%	14%
Internal Medicine	9	0%	0%
Surgery: General	3	0%	0%
Surgery: Orthopedic	23	0%	0%
Surgery: Other	8	0%	0%
Urology	4	0%	0%
Other Specialties	16	6%	0%

PAs were asked if they plan to retire, or leave their Vermont practice, within the next 5 years, and, separately, whether they plan to reduce their patient care hours in Vermont within the next 5 years.

6 PAs (3%) answered 'yes' to both questions.

PAs who indicated they planned to retire or leave were excluded from the numerator for the percentage planning to reduce hours.

PAs who did not answer the question on retirement were excluded from calculation of the percentage planning to retire or leave.

PAs who did not answer the question on reducing hours were excluded from calculation of the percentage planning to reduce hours.

Table 26 -- VT Physician Assistants, 2008
 PAs Planning To Retire Or Reduce Hours Within 5 Years

TOTAL	25	(100%)
-------	----	--------

Main specialty:

Primary Care Total	18	(72%)
Family Practice	12	(48%)
Primary Care Internal Medicine	2	(8%)
Obstetrics and Gynecology	2	(8%)
Pediatrics	2	(8%)
Specialty Care Total	7	(28%)
Emergency Medicine	6	(24%)
Other Specialties	1	(4%)

Age groups:

younger than 35	3	(12%)
35 - 44	7	(28%)
45 - 54	3	(12%)
55 - 64	12	(48%)
65 and older	0	(0%)

Gender:

Male	10	(40%)
Female	15	(60%)

Current Patient care hours:

40 or more hours/week	15	(60%)
30 to 39 hours/week	3	(12%)
less than 30 hours/week	7	(28%)

Number of supervising physicians:

One	1	(5%)
Two	9	(41%)
Three	3	(14%)
Four or more	9	(41%)
unknown	3	

Number of practice sites:

One	19	(76%)
Two	3	(12%)
Three	3	(12%)
Four or more	0	(0%)

Vermont Physician Assistants
by Health Related Geographical Regions

Table 27 -- VT Physician Assistants, 2008
 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	191 158.7 6791		90 64.8 2705	118 93.9 4087
Barre	19 14.2 580		12 8.6 358	7 5.5 221
Bennington	14 7.7 333		4 3.9 175	10 3.8 158
Brattleboro	9 6.0 260		6 3.6 160	5 2.3 100
Burlington	72 59.6 2581		24 16.2 652	49 43.4 1929
Middlebury	7 3.8 170		1 .9 36	6 2.9 134
Morrisville	5 2.7 113		. . . .	5 2.7 113
Newport	7 6.2 280		5 4.9 197	2 1.3 83
Randolph	4 4.0 166		2 1.2 52	3 2.9 114
Rutland	26 15.4 642		12 8.0 337	14 7.4 305
Springfield	23 16.8 732		8 3.5 152	19 13.4 580
St. Albans	14 9.9 418		10 8.8 372	6 1.1 46
St. Johnsbury	6 5.1 210		3 2.0 81	4 3.1 129
White River Jct	17 7.3 307		7 3.3 132	10 4.0 174

Hospital Service Areas defined using 1997-2001 inpatient data for immediate care conditions discharges - see Appendices A and E.

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

Table 28 -- VT Physician Assistants, 2008
 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	90 64.8 2705	66 46.0 1922	17 11.8 504	10 4.8 193	3 2.1 85
Barre	12 8.6 358	8 6.4 268	2 1.2 48	2 .4 17	1 .6 25
Bennington	4 3.9 175	3 2.9 135	. . . .	. . . .	1 1.0 40
Brattleboro	6 3.6 160	2 1.6 70	2 1.4 66	1 .1 4	1 .5 20
Burlington	24 16.2 652	17 10.9 436	2 1.4 59	6 3.9 157	.. ..
Middlebury	1 .9 36	1 .9 36	.. ..	.. ..	.. ..
Newport	5 4.9 197	3 2.9 115	2 2.0 82	.. ..	.. ..
Randolph	2 1.2 52	1 .2 6	1 1.0 46	.. ..	.. ..
Rutland	12 8.0 337	10 7.5 309	1 .3 20	1 .2 8	.. ..
Springfield	8 3.5 152	4 1.4 69	3 2.0 81	1 .1 2	.. ..
St. Albans	10 8.8 372	9 8.2 346	1 .7 26	.. ..	.. ..
St. Johnsbury	3 2.0 81	3 1.2 47	2 .9 34	.. ..	.. ..
White River Jct	7 3.3 132	5 2.1 85	2 1.1 42	2 .1 5	.. ..

Hospital Service Areas defined using 1997-2001 inpatient data for immediate care conditions discharges - see Appendices A and E.

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

Table 29 -- VT Physician Assistants, 2008
 Numbers of Specialty Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by Hospital Service Area

Count FTEs Hours	SPECIALTY								
	CARE TOTAL	DERMA- TOLOGY	EMERGENCY MEDICINE	INTERNAL MEDICINE	GENERAL SURGERY	ORTHOP. SURGERY	OTHER SURGERY	UROLOGY	OTHER
STATEWIDE TOTAL	118 93.9 4087	8 7.6 325	46 31.2 1364	12 8.1 349	5 2.3 96	25 20.7 859	8 7.9 389	4 3.1 132	21 13.1 573
Barre	7 5.5 221	. . . .	2 1.9 78	. . . .	1 <.05 1	3 2.6 103	. . . .	. . . .	1 1.0 40
Bennington	10 3.8 158	. . . .	4 .4 21	. . . .	. . . .	2 1.9 75	. . . .	. . . .	4 1.5 63
Brattleboro	5 2.3 100	. . . .	3 1.3 57	. . . .	. . . .	1 1.0 40	. . . .	. . . .	1 .1 3
Burlington	49 43.4 1929	8 7.5 321	14 9.9 409	3 3.0 140	1 .1 5	8 7.4 308	8 7.9 389	2 1.7 78	8 5.8 279
Middlebury	6 2.9 134	. . . .	4 1.1 46	. . . .	. . . .	2 1.6 76	. . . .	1 .3 12	.. ..
Morrisville	5 2.7 113	1 <.05 2	1 .5 20	. . . .	. . . .	2 2.0 83	. . . .	1 .2 8	.. ..
Newport	2 1.3 83	. . . .	1 1.0 71	1 .3 13	.. ..	.. ..	.. ..	.. ..	.. ..
Randolph	3 2.9 114	. . . .	. . . .	2 2.0 80	. . . .	. . . .	. . . .	1 .9 34	.. ..
Rutland	14 7.4 305	. . . .	6 1.9 83	2 .6 23	. . . .	2 2.0 80	. . . .	. . . .	5 2.9 120
Springfield	19 13.4 580	. . . .	12 9.5 419	5 1.9 82	. . . .	2 2.0 80	.. ..	.. ..	.. ..
St. Albans	6 1.1 46	1 <.05 2	3 .2 10	1 .3 13	. . . .	. . . .	. . . .	. . . .	1 .5 21
St. Johnsbury	4 3.1 129	. . . .	1 .5 20	. . . .	2 1.2 50	2 .3 12	. . . .	. . . .	2 1.1 47
White River Jct	10 4.0 174	. . . .	8 3.0 132	. . . .	1 1.0 40	1 .1 2	.. ..	.. ..	.. ..

Hospital Service Areas defined using 1997-2001 inpatient data for immediate care conditions discharges - see Appendices A and E.

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

Table 30 -- VT Physician Assistants, 2008
 Primary Care Provider FTE to Population Ratios
 by Hospital Service Area

HSA	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	64.82	621,270	10.43	9,585
Barre	8.62	66,229	13.01	7,686
Bennington	3.88	40,009	9.69	10,325
Brattleboro	3.65	31,310	11.65	8,581
Burlington	16.18	172,098	9.40	10,636
Middlebury	.90	28,200	3.19	31,333
Morrisville	.00	27,013	.	.
Newport	4.88	28,475	17.12	5,841
Randolph	1.15	14,480	7.94	12,591
Rutland	7.98	64,132	12.44	8,039
Springfield	3.45	28,129	12.27	8,150
St. Albans	8.82	45,008	19.60	5,103
St. Johnsbury	2.01	27,588	7.29	13,709
White River Jct	3.31	48,599	6.81	14,690

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 two digits for display
 only - the ratios were calculated using the unrounded values.

Population estimates are from the Census Bureau for July 2008
 (see Note 7).

Table 31 -- VT Physician Assistants, 2008
 Numbers of PAs, Full Time Equivalents (FTEs), and
 Total Weekly Patient Care Hours, by AHEC region

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
		-----	-----	-----
STATEWIDE TOTAL		191	90	118
		158.7	64.8	93.9
		6791	2705	4087
Champlain Valley		89	35	58
		73.3	25.9	47.4
		3169	1060	2109
Northeast VT		42	24	21
		33.6	18.1	15.5
		1406	746	660
Southern VT		70	34	43
		51.8	20.8	31.0
		2216	899	1318

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

Table 32 -- VT Physician Assistants, 2008
 Numbers of Primary Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by AHEC Region

Count FTEs Hours	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	90 64.8 2705	66 46.0 1922	17 11.8 504	10 4.8 193	3 2.1 85
Champlain Valley	35 25.9 1060	27 20.0 818	3 2.0 85	6 3.9 157	. . .
Northeast VT	24 18.1 746	17 12.2 500	7 4.9 201	3 .5 20	1 .6 25
Southern VT	34 20.8 899	22 13.9 604	9 5.0 217	2 .4 17	2 1.5 60

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

Table 33 -- VT Physician Assistants, 2008
 Numbers of Specialty Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by AHEC Region

Count FTEs Hours	SPECIALTY	DERMA-	EMERGENCY	INTERNAL	GENERAL	ORTHOP.	OTHER	UROLOGY	OTHER
	CARE TOTAL	TOLOGY	MEDICINE	MEDICINE	SURGERY	SURGERY	SURGERY		
STATEWIDE TOTAL	118	8	46	12	5	25	8	4	21
	93.9	7.6	31.2	8.1	2.3	20.7	7.9	3.1	13.1
	4087	325	1364	349	96	859	389	132	573
Champlain Valley	58	8	20	4	1	10	8	2	9
	47.4	7.6	11.2	3.3	.1	9.0	7.9	2.0	6.4
	2109	323	465	152	5	384	389	90	300
Northeast VT	21	1	5	3	3	7	.	2	3
	15.5	<.05	3.9	2.3	1.2	4.8	.	1.1	2.1
	660	2	188	93	51	198	.	42	87
Southern VT	43	.	21	7	1	8	.	.	9
	31.0	.	16.1	2.4	1.0	6.9	.	.	4.5
	1318	.	711	104	40	277	.	.	186

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

Table 34 -- VT Physician Assistants, 2008
 Primary Care Provider FTE to Population Ratios by AHEC Region

AHEC region	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	64.82	621,270	10.43	9,585
Champlain Valley	25.90	245,077	10.57	9,462
Northeast VT	18.12	176,738	10.25	9,752
Southern VT	20.79	199,455	10.43	9,592

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 two digits for display
 only - the ratios were calculated using the unrounded values.

Population estimates are from the Census Bureau for July 2008
 (see Note 7).

Table 35 -- VT Physician Assistants, 2008
 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		191 158.7 6791	90 64.8 2705	118 93.9 4087
Barre		19 14.2 580	12 8.6 358	7 5.5 221
Bennington		8 7.3 312	4 3.9 175	4 3.4 137
Brattleboro		15 6.4 281	6 3.6 160	11 2.8 121
Burlington		71 58.9 2556	23 15.6 627	49 43.4 1929
Middlebury		7 3.8 170	1 .9 36	6 2.9 134
Morrisville		5 2.7 113	. . . .	5 2.7 113
Newport		7 6.2 280	5 4.9 197	2 1.3 83
Rutland		26 15.4 642	12 8.0 337	14 7.4 305
Springfield		25 19.9 867	8 3.5 152	21 16.4 715
St. Albans		16 10.6 443	12 9.4 397	6 1.1 46
St. Johnsbury		7 5.7 234	4 2.6 105	4 3.1 129
Wht Rvr Jct		12 7.7 314	9 3.9 160	4 3.9 154

In this table PAs may be counted more than once (Note 4).
 For a map of the districts, see Appendix F.

Table 36 -- VT Physician Assistants, 2008
 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	90 64.8 2705	66 46.0 1922	17 11.8 504	10 4.8 193	3 2.1 85
Barre	12 8.6 358	8 6.4 268	2 1.2 48	2 .4 17	1 .6 25
Bennington	4 3.9 175	3 2.9 135	. . . .	. . . .	1 1.0 40
Brattleboro	6 3.6 160	2 1.6 70	2 1.4 66	1 .1 4	1 .5 20
Burlington	23 15.6 627	15 10.3 411	2 1.4 59	6 3.9 157	.. ..
Middlebury	1 .9 36	1 .9 36	.. ..	.. ..	.. ..
Newport	5 4.9 197	3 2.9 115	2 2.0 82	.. ..	.. ..
Rutland	12 8.0 337	10 7.5 309	1 .3 20	1 .2 8	.. ..
Springfield	8 3.5 152	4 1.4 69	3 2.0 81	1 .1 2	.. ..
St. Albans	12 9.4 397	11 8.8 371	1 .7 26	.. ..	.. ..
St. Johnsbury	4 2.6 105	4 1.7 69	2 .9 34	1 .1 2	.. ..
Wht Rvr Jct	9 3.9 160	6 1.7 69	3 2.1 88	2 .1 3	.. ..

In this table PAs may be counted more than once (Note 4).
 For a map of the districts, see Appendix F.

Table 37 -- VT Physician Assistants, 2008
 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	DERMA- TOLOGY	EMERGENCY MEDICINE	INTERNAL MEDICINE	GENERAL SURGERY	ORTHOP. SURGERY	OTHER SURGERY	UROLOGY	OTHER
STATEWIDE TOTAL	118 93.9 4087	8 7.6 325	46 31.2 1364	12 8.1 349	5 2.3 96	25 20.7 859	8 7.9 389	4 3.1 132	21 13.1 573
Barre	7 5.5 221	. . . .	2 1.9 78	. . . .	1 <.05 1	3 2.6 103	. . . .	. . . .	1 1.0 40
Bennington	4 3.4 137	. . . .	. . . .	. . . .	. . . .	2 1.9 75	. . . .	. . . .	2 1.5 62
Brattleboro	11 2.8 121	. . . .	7 1.7 77	. . . .	. . . .	1 1.0 40	. . . .	. . . .	3 .1 4
Burlington	49 43.4 1929	8 7.5 321	14 9.9 409	3 3.0 140	1 .1 5	8 7.4 308	8 7.9 389	2 1.7 78	8 5.8 279
Middlebury	6 2.9 134	. . . .	4 1.1 46	. . . .	. . . .	2 1.6 76	. . . .	1 .3 12	.. ..
Morrisville	5 2.7 113	1 <.05 2	1 .5 20	. . . .	. . . .	2 2.0 83	. . . .	1 .2 8	.. ..
Newport	2 1.3 83	. . . .	1 1.0 71	1 .3 13	.. ..	.. ..	.. ..	.. ..	.. ..
Rutland	14 7.4 305	. . . .	6 1.9 83	2 .6 23	. . . .	2 2.0 80	. . . .	. . . .	5 2.9 120
Springfield	21 16.4 715	. . . .	13 12.5 551	5 1.9 82	. . . .	3 2.1 82	.. ..	.. ..	.. ..
St. Albans	6 1.1 46	1 <.05 2	3 .2 10	1 .3 13	. . . .	. . . .	. . . .	. . . .	1 .5 21
St. Johnsbury	4 3.1 129	. . . .	1 .5 20	. . . .	2 1.2 50	2 .3 12	. . . .	. . . .	2 1.1 47
Wht Rvr Jct	4 3.9 154	. . . .	. . . .	2 2.0 80	1 1.0 40	. . . .	. . . .	1 .9 34	.. ..

In this table PAs may be counted more than once (see Note 4).
 For a map of the districts, see Appendix F.

Table 38 -- VT Physician Assistants, 2008
 Primary Care Provider FTE to Population Ratios
 by Local Health District

District	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	64.82	621,270	10.43	9,585
Barre	8.62	65,753	13.11	7,630
Bennington	3.88	36,382	10.65	9,389
Brattleboro	3.65	35,478	10.28	9,723
Burlington	15.55	152,770	10.18	9,824
Middlebury	.90	36,414	2.47	40,460
Morrisville	.00	30,911	.	.
Newport	4.88	28,475	17.12	5,841
Rutland	7.98	63,546	12.55	7,965
Springfield	3.45	33,561	10.28	9,723
St. Albans	9.45	55,678	16.97	5,892
St. Johnsbury	2.61	33,716	7.75	12,906
Wht Rvr Jct	3.86	48,586	7.94	12,592

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 two digits for display
 only - the ratios were calculated using the unrounded values.

Population estimates are from the Census Bureau for July 2008
 (see Note 7).

For a map of the districts, see Appendix F.

Table 39 -- VT Physician Assistants, 2008
 Numbers of Primary Care Physician Assistants, and
 Full Time Equivalent (FTEs), by Rational Service Area

Count of PAs providing any primary care within each area:

	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	90	66	17	10	3
Bennington	4	3	.	.	1
Bradford	1	1	.	1	.
Brattleboro	4	.	2	1	1
Brighton	1	.	1	.	.
Burlington	20	12	2	6	.
Castleton	1	1	.	.	.
Chelsea / Corinth	2	2	.	1	.
Enosburg	3	3	.	.	.
Essex/Williston	5	4	.	1	.
Hartford	4	2	2	.	.
Ludlow	3	3	.	.	.
Milton / South Hero	2	2	.	.	.
Montpelier/Barre/Berlin	10	8	1	1	1
Newport	4	3	1	.	.
Pawlet	1	1	.	.	.
Randolph	3	1	1	1	.
Rutland	10	8	1	1	.
Springfield	5	1	3	1	.
St Albans	9	8	1	.	.
St Johnsbury	3	3	2	.	.
Townshend	2	2	.	.	.
Vergennes	1	1	.	.	.
Waterbury	2	.	1	1	.
Woodstock	1	1	.	.	.

Note: On this page PAs may be counted in more than one area (Note 4).

(continued on next page)

Table 39 (continued) -- VT Physician Assistants, 2008
 Numbers of Primary Care Physician Assistants, and
 Full Time Equivalents (FTEs), by Rational Service Area

Sums of primary care FTEs within each area:

	PRIMARY	FTEs by Primary Care Type			
	CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	64.8	46.0	11.8	4.8	2.1
Bennington	3.9	2.9	.	.	1.0
Bradford	.6	.6	.	.1	.
Brattleboro	2.0	.	1.4	.1	.5
Brighton	1.0	.	1.0	.	.
Burlington	12.4	7.5	1.4	3.6	.
Castleton	1.0	1.0	.	.	.
Chelsea / Corinth	1.0	1.0	.	<.05	.
Enosburg	2.6	2.6	.	.	.
Essex/Williston	3.1	2.8	.	.4	.
Hartford	1.5	.5	1.1	.	.
Ludlow	1.2	1.2	.	.	.
Milton / South Hero	.6	.6	.	.	.
Montpelier/Barre/Berlin	8.4	6.4	1.0	.4	.6
Newport	3.9	2.9	1.0	.	.
Pawlet	.9	.9	.	.	.
Randolph	1.2	.2	1.0	.1	.
Rutland	6.1	5.6	.3	.2	.
Springfield	2.2	.2	2.0	.1	.
St Albans	6.2	5.6	.7	.	.
St Johnsbury	2.0	1.2	.9	.	.
Townshend	1.6	1.6	.	.	.
Vergennes	.9	.9	.	.	.
Waterbury	.2	.	.2	<.05	.
Woodstock	<.05	<.05	.	.	.

For a map of the Rational Service Areas see Appendix G.

**Vermont Physician Assistants
Comparison Between 2006 and 2008**

Table 40 -- VT PAs, 2006 and 2008
 Changes in Number of PAs, Patient Care Hours
 and Specialties, between 2006 and 2008

	2006	2008	Change	
TOTAL	163	191	+28	+17%
Main specialty:				
Primary Care Total	83	85	+2	+2%
Family Practice	62	58	-4	-6%
Internal Medicine	11	15	+4	+36%
Ob/Gyn	8	9	+1	+13%
Pediatrics	2	3	+1	+50%
Specialty Care Total	80	106	+26	+33%
Dermatology	7	8	+1	+14%
Emergency Medicine	30	35	+5	+17%
Internal Medicine	4	9	+5	+125%
Surgery: General	2	3	+1	+50%
Surgery: Orthopedic	19	23	+4	+21%
Surgery: Other	5	8	+3	+60%
Urology	5	4	-1	-20%
Other Specialties	8	16	+8	+100%
Age groups:				
younger than 35	28	29	+1	+4%
35 - 44	57	67	+10	+18%
45 - 54	45	48	+3	+7%
55 - 64	33	47	+14	+42%
65 and older	0	0	0	.%
Gender:				
Male	70	81	+11	+16%
Female	93	110	+17	+18%
Patient care hours:				
40 or more hours/week	86	115	+29	+34%
30 to under 40 hours/week	35	30	-5	-14%
less than 30 hours/week	42	46	+4	+10%

Table 41 -- VT PAs, 2006 and 2008
Full Time Equivalents (FTEs) by County

PRIMARY CARE:	2006	2008	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	62.6	64.8	+2.2
Addison County	1.6	.9	-.7
Bennington County	3.7	3.9	+.2
Caledonia County	1.5	2.0	+.5
Chittenden County	16.4	15.6	-.8
Essex County	1.9	1.0	-.9
Franklin County	7.6	8.6	+1.0
Grand Isle County	1.0	.8	-.2
Lamoille County	.	.	.
Orange County	1.2	2.6	+1.4
Orleans County	2.1	3.9	+1.8
Rutland County	8.5	8.0	-.5
Washington County	8.2	8.6	+.4
Windham County	3.4	3.6	+.2
Windsor County	5.8	5.3	-.5
SPECIALTY CARE:	2006	2008	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	70.2	93.9	+23.7
Addison County	1.7	2.9	+1.2
Bennington County	2.9	3.4	+.5
Caledonia County	2.8	3.1	+.3
Chittenden County	34.1	43.4	+9.3
Essex County	.	.	.
Franklin County	2.1	1.1	-1.0
Grand Isle County	.	.	.
Lamoille County	1.2	2.7	+1.5
Orange County	.	2.9	+2.9
Orleans County	.	1.3	+1.3
Rutland County	5.7	7.4	+1.7
Washington County	4.4	5.5	+1.1
Windham County	3.5	4.8	+1.3
Windsor County	11.8	15.4	+3.6

Appendices

Appendix A. General Notes and Terms

Definition of Active Physician Assistant

A physician assistant (PA) who was licensed or relicensed for the period 2008-2009 in Vermont, and who provided patient care hours in Vermont (not as locum tenens) as reported in the survey, is considered an active physician assistant.

Physician assistants not represented in these tables

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

Specialties

Physician assistants reported their specialties using a predefined list. See Table 15 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 practice, and geriatric medicine.
- 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

- Dermatology
- Emergency Medicine
- Internal Medicine includes several internal medicine subspecialties
- 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 specific specialties that are not included in the above specialty groups.

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.

Hospital Service Areas

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

Area Health Education Centers

The Area Health Education Center regions (AHECs) are defined as groups of counties: The Champlain Valley AHEC includes Addison, Chittenden, Franklin, and Grand Isle counties. The Northeast Vermont AHEC includes Caledonia, Essex, Lamoille, Orange, Orleans, and Washington counties. The Southern Vermont AHEC includes Bennington, Rutland, Windham, and Windsor counties.

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 calculated as of 1/31/2008, based on the date of birth. For example, a PA born during January 1960, or on any date in 1959 after January, is considered 48 years old. Tables that refer to age in 2006 are based on ages as of 1/31/2006.

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.

(note 3 skipped intentionally)

4. Notes regarding tables listing physician assistant Full Time Equivalents (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 22 regarding the calculation of weekly hours and FTEs.

(notes 5 and 6 skipped intentionally)

7. Population Estimates

2008 population estimates are for July 1, 2008, as released by the Census Bureau.

8. “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.

(note 9 skipped intentionally)

10. **Notes regarding Availability of Care**

The survey form allowed the physician assistant to answer the “availability” questions (e.g., whether they accept new patients) separately for each site.

In the table depicting availability of care by specialty, 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 county, the unit of counting is neither the PA nor the site, but rather the PA - site association. More than one response per PA is tabulated if that PA reported working at more than one site. Each site of each PA is tabulated under the specialty reported, whether or not that is the PA’s main specialty.

The following specialties are excluded from the “accept Medicare patients” statistic (both numerator and denominator): all pediatric specialties (including adolescent medicine), maternal and fetal medicine, reproductive endocrinology, and child and adolescent psychiatry.

11. **Practice settings included**

Similar to the reports from the 2006 survey, only office-based settings were counted for this purpose in this report. This includes ambulatory care and office-based specialties. (In the 2004 survey reports, all settings were included.)

12. **Geographical Regions - States were grouped into the following regions:**

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

Mid Atlantic: NY, NJ, PA

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

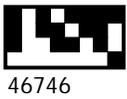
Central: OH, IN, IL, MI, WI, MN, IA, MO, ND, SD, NE, KS

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

(notes 13 through 21 skipped intentionally)

22. **Patient Care Hours**

"Full Time" is defined here as 40 (or more) hours of direct patient care per week, 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 (not listed), or do some other types of work besides direct patient care.



Appendix C: Census of Physician Assistants - 2008

If you have questions about this form, please call Moshe Braner at (802) 863-7300 or 1-800-869-2871.

INSTRUCTIONS

Fill in checkboxes completely. Example:
Please print legibly using a dark blue or black pen and UPPERCASE letters.

- Scans well
- Does not scan well

Vermont Certificate Number

0	5	5	0	0						
---	---	---	---	---	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

First Name

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Middle Name

Gender: Male

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Last Name

Female

1. Please fill in all of the boxes below that describe your practice as a physician assistant: ("Active" here means providing direct patient care.)

- Active in clinical practice in Vermont
- Active in clinical practice outside Vermont
- Not currently in active practice

--- If you do not provide patient care in Vermont, please stop here and return this form.

2. If you work as a PA under more than one certificate, please list all your work on one form (if room allows). If you have already listed all your work under this certificate on another copy of this form, please check this box, stop here, and return this form. Already Reported

3. Please indicate the total number of physicians who currently serve as your primary or secondary supervising physician(s).

Total no. of physicians

--	--

4. Do you plan to retire, or leave your **Vermont** practice, within the next 5 years?

Yes No

5. Do you plan to reduce your patient care hours in **Vermont** within the next 5 years?

Yes No

6. For each location in **Vermont** where you provide patient care, please enter the Vermont town name (not a mailing address) here, and answer the questions on the next page for these sites respectively. If practicing in two settings within the same town, enter as separate "sites" (repeating the town).

SITE 1

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

--- Vermont town name

SITE 2

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

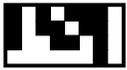
SITE 3

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

If you work at additional sites, please add (on margin or separate sheet) similar information about them.

CONTINUE ON NEXT PAGE





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Census of Physician Assistants - 2008

(Continued from previous page)

When entering specialties, please use the 4-digit codes from the enclosed list of specialties. For each specialty, enter the (estimated) number of weeks per year, and hours in a working week, during which you provide direct patient care, including diagnosis, treatment, and clinical reporting. Exclude on-call hours.

Please re-enter your Certificate Number for scanning purposes

0	5	5	0	0					
---	---	---	---	---	--	--	--	--	--

7. Choose the **ONE** description that **best fits** your practice setting (for each site). If you provide hospital care to patients who originate from your office or clinic, choose only the setting from which they originate.

	SITE 1		SITE 2		SITE 3
Ambulatory care, including associated hospital care:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ambulatory care, without hospital care:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Office-based specialty care, including hospital care:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Office-based specialty care, without hospital care:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hospital-based specialty care (e.g., E.D., or pathology):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inpatient care only (hospitalist):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Student health center:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Business or work site:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extended care / nursing home:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: <i>(please specify)</i> -----	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. For each site, enter the number of **WEEKS per year** during which you provide direct patient care there: (48 weeks per year is considered full time.)

SITE 1	SITE 2	SITE 3
<input type="text"/>	<input type="text"/>	<input type="text"/>

Primary Specialty (at each site):
(specialty name, if code not found):

SITE 1	SITE 2	SITE 3
<input type="text"/>	<input type="text"/>	<input type="text"/>

HOURS per week in Primary Specialty:

SITE 1	SITE 2	SITE 3
<input type="text"/>	<input type="text"/>	<input type="text"/>

Secondary Specialty, if any:

SITE 1	SITE 2	SITE 3
<input type="text"/>	<input type="text"/>	<input type="text"/>

Hours per week in Secondary Specialty:

SITE 1	SITE 2	SITE 3
<input type="text"/>	<input type="text"/>	<input type="text"/>

Tertiary Specialty, if any:

SITE 1	SITE 2	SITE 3
<input type="text"/>	<input type="text"/>	<input type="text"/>

Hours per week in Tertiary Specialty:

SITE 1	SITE 2	SITE 3
<input type="text"/>	<input type="text"/>	<input type="text"/>

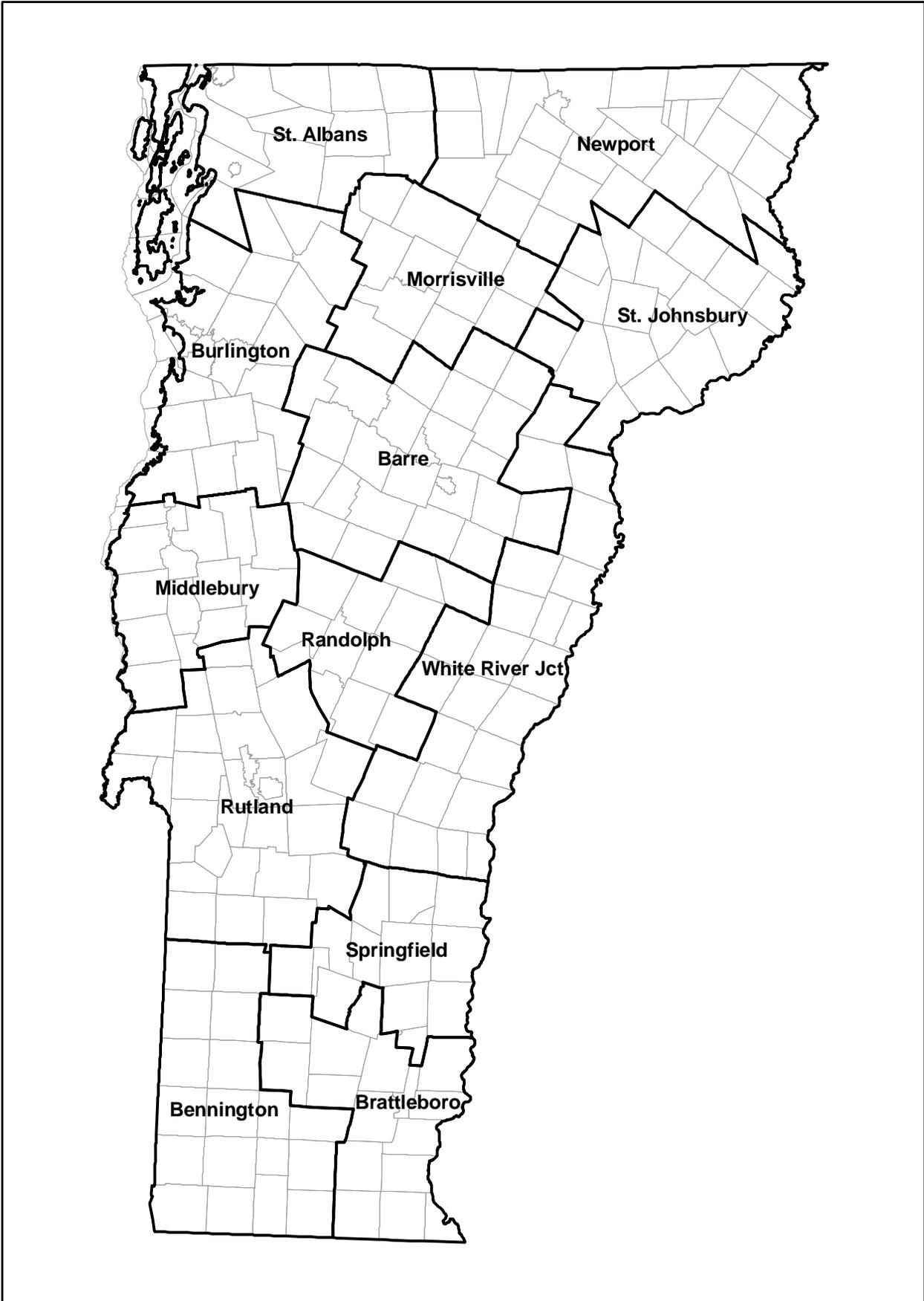
9. Please mark each box that applies:

	SITE 1		SITE 2		SITE 3	
	yes	no	yes	no	yes	no

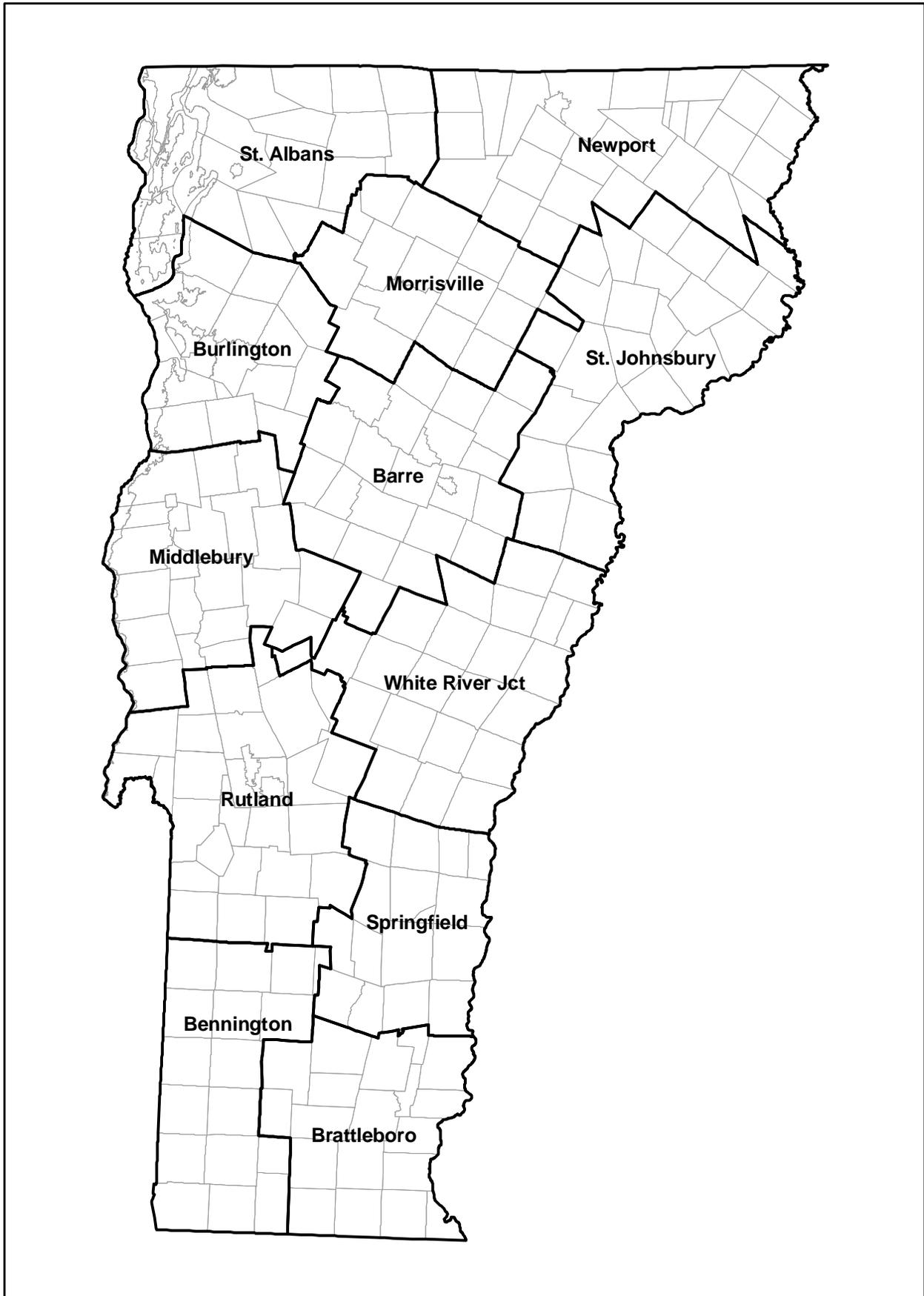
I will accept new patients here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I participate in Medicaid here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I will accept new Medicaid patients here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I participate in Medicare here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I work as a locum tenens here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Appendix E: Hospital Service Areas



Appendix F: Local Health Districts



Appendix G: Rational Service Areas

