

Vermont Department of Health

Physician Assistants

2010 Survey

Statistical Report

2010 Physician Assistants Survey

Statistical Report

State of Vermont
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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.

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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 2010; 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, 2010. In cooperation with the Vermont Board of Medical Practice, the Department of Health included a survey with the relicensing renewal in the fall of 2009. 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 potentially active PAs relicensed at the time were reached, thus the response rate was 100%.

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 seventh 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 202 physician assistants providing patient care in Vermont
- 83 (41%) of the physician assistants work mainly in primary care including:
 - 60 Family Practice Medicine
 - 11 Primary Care Internal Medicine
 - 6 Obstetrics and Gynecology
 - 6 Pediatric Primary Care
- 119 physician assistants provide mainly specialty care including:
 - 40 Emergency Medicine
 - 40 Surgery (25 orthopedic, 7 general, 8 other)
 - 11 Specialty Internal Medicine
 - 8 Dermatology
 - 5 Urology
 - 15 other specialties
- The 202 physician assistants represent the equivalent of 172.8 full-time providers (FTEs, defined as 40 or more hours of patient care per week). This includes 67.0 FTEs in primary care and 105.7 FTEs in specialty care
- Forty-seven of the 202 PAs are age 55 or older, and 20 of those are 60 or older
- One hundred and twenty two, or 60%, of the 202 physician assistants are women
- 48% of the women practice primary care, while 30% of the men practice primary care
- 59% of all physician assistants work full-time (40 hours per week or more)
 - 46% of primary care providers and 68% of specialty care providers work full time
 - 68% of men and 53% of women work full time

Comparison of Selected Physician Assistant Data, 1998-2010

| | 1998 | 2000 | 2002 | 2004 | 2006 | 2008 | 2010 |
|---|------|------|------|------|------|------|-------|
| Total physician assistants active in VT | 107 | 117 | 130 | 155 | 163 | 191 | 202 |
| Percent female | 52% | 56% | 59% | 56% | 57% | 58% | 60% |
| Percent age 55 or older | 4% | 7% | 9% | 15% | 20% | 25% | 23% |
| Average patient care hours per week | 36 | 34 | 36 | 37 | 35 | 36 | 36 |
| Primary care PAs | 68 | 70 | 69 | 79 | 83 | 85 | 83 |
| Family Practice | 44 | 51 | 53 | 55 | 62 | 58 | 60 |
| Internal Medicine | 12 | 7 | 7 | 10 | 11 | 15 | 11 |
| Ob/Gyn | 10 | 9 | 8 | 10 | 8 | 9 | 6 |
| Pediatric Primary Care | 2 | 3 | 1 | 4 | 2 | 3 | 6 |
| % accepting new patients * | 97% | 95% | 91% | 97% | 91% | 85% | 82% |
| accepting new Medicaid patients * | 90% | 89% | 86% | 92% | 81% | 66% | 73% |
| accepting new Medicare patients * | 95% | 93% | 86% | 94% | 83% | 77% | 73% |
| Specialist PAs | 39 | 47 | 61 | 76 | 80 | 106 | 119 |
| Dermatology | 1 | 1 | 2 | 6 | 7 | 8 | 8 |
| Emergency Medicine | 20 | 25 | 33 | 37 | 30 | 35 | 40 |
| Internal Medicine | 1 | 1 | 1 | 5 | 4 | 9 | 11 |
| Orthopedic Surgery | 5 | 5 | 8 | 14 | 19 | 23 | 25 |
| Urology | 2 | 4 | 4 | 4 | 5 | 4 | 5 |
| Primary care PA FTEs | 48.8 | 50.9 | 54.3 | 62.3 | 62.6 | 64.8 | 67.0 |
| Family Practice | 34.3 | 39.3 | 43.6 | 45.4 | 48.2 | 46.0 | 49.3 |
| Internal Medicine | 8.4 | 4.7 | 5.3 | 7.5 | 7.9 | 11.8 | 9.4 |
| Ob/Gyn | 4.7 | 5.5 | 4.5 | 5.6 | 4.4 | 4.8 | 4.4 |
| Pediatric Primary Care | 1.4 | 1.4 | 1.0 | 3.9 | 2.1 | 2.1 | 3.9 |
| FTEs/100,000 population ** | 8.1 | 8.4 | 8.8 | 10.0 | 10.0 | 10.4 | 10.8 |
| Specialist PA FTEs | 37.7 | 42.1 | 54.8 | 69.2 | 70.2 | 93.9 | 105.7 |
| Dermatology | 0.8 | 0.8 | 2.0 | 5.7 | 6.6 | 7.6 | 7.9 |
| Emergency Medicine | 19.1 | 21.8 | 29.4 | 33.8 | 24.8 | 31.2 | 32.4 |
| Internal Medicine | 0.8 | 1.1 | 1.0 | 4.8 | 3.1 | 8.1 | 9.6 |
| Orthopedic Surgery | 4.6 | 4.6 | 7.5 | 12.9 | 17.8 | 20.7 | 23.5 |
| Urology | 2.4 | 3.1 | 3.0 | 3.2 | 3.9 | 3.1 | 4.9 |

* 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, 2010
 Summary of Active Physician Assistants

| | | |
|-----------------------------------|-----|---------|
| TOTAL | 202 | (100%) |
| Main specialty: | | |
| Primary Care Total | 83 | (41%) |
| Family Practice | 60 | (30%) |
| Primary Care Internal Medicine | 11 | (5%) |
| Obstetrics and Gynecology | 6 | (3%) |
| Pediatric Primary Care | 6 | (3%) |
| Specialty Care Total | 119 | (59%) |
| Dermatology | 8 | (4%) |
| Emergency Medicine | 40 | (20%) |
| Internal Medicine Specialties | 11 | (5%) |
| Psychiatry | 3 | (1%) |
| Radiology | 3 | (1%) |
| Surgery: General | 7 | (3%) |
| Surgery: Orthopedic | 25 | (12%) |
| Surgery: Other | 8 | (4%) |
| Urology | 5 | (2%) |
| Other Specialties | 9 | (4%) |
| Age groups: | | |
| younger than 35 | 36 | (18%) |
| 35 - 44 | 66 | (33%) |
| 45 - 54 | 53 | (26%) |
| 55 - 59 | 27 | (14%) |
| 60 - 64 | 19 | (10%) |
| 65 and older | 1 | (1%) |
| Gender: | | |
| Male | 80 | (40%) |
| Female | 122 | (60%) |
| Patient care hours: | | |
| 40 or more hours/week | 119 | (59%) |
| 30 to 39 hours/week | 41 | (20%) |
| less than 30 hours/week | 42 | (21%) |
| Number of supervising physicians: | | |
| One | 5 | (3%) |
| Two | 47 | (25%) |
| Three | 24 | (13%) |
| Four or more | 109 | (59%) |
| unknown | 17 | |
| Number of practice sites: | | |
| One | 156 | (77%) |
| Two | 35 | (17%) |
| Three | 11 | (5%) |
| Four or more | 0 | (0%) |

Table 2 -- VT Physician Assistants, 2010
Age by Specialty and by Gender

| | Total | Number in Age Group | | | | | | Age 60+ |
|---------------------|-------|----------------------|-------|-------|-------|-------|-----|---------|
| | | <35 | 35-44 | 45-54 | 55-59 | 60-64 | 65+ | (%) |
| TOTAL | 202 | 36 | 66 | 53 | 27 | 19 | 1 | 10% |
| MALES | 80 | 8 | 27 | 18 | 14 | 13 | . | 16% |
| FEMALES | 122 | 28 | 39 | 35 | 13 | 6 | 1 | 6% |
| PRIMARY CARE | 83 | 12 | 24 | 22 | 13 | 12 | . | 14% |
| Family Practice | 60 | 9 | 19 | 17 | 6 | 9 | . | 15% |
| Internal Medicine | 11 | . | 3 | 3 | 4 | 1 | . | 9% |
| Ob/Gyn | 6 | 1 | 1 | . | 3 | 1 | . | 17% |
| Pediatrics | 6 | 2 | 1 | 2 | . | 1 | . | 17% |
| SPECIALTY CARE | 119 | 24 | 42 | 31 | 14 | 7 | 1 | 7% |
| Dermatology | 8 | 1 | 5 | 2 | . | . | . | . |
| Emergency Medicine | 40 | 3 | 15 | 9 | 7 | 6 | . | 15% |
| Internal Medicine | 11 | 3 | 3 | 5 | . | . | . | . |
| Surgery: General | 7 | 1 | 3 | 2 | 1 | . | . | . |
| Surgery: Orthopedic | 25 | 8 | 5 | 9 | 3 | . | . | . |
| Surgery: Other | 8 | 2 | 4 | 1 | 1 | . | . | . |
| Urology | 5 | 1 | 1 | 2 | . | 1 | . | 20% |
| Other Specialties | 15 | 5 | 6 | 1 | 2 | . | 1 | 7% |
| | Total | Percent in Age Group | | | | | | Age 60+ |
| | | <35 | 35-44 | 45-54 | 55-59 | 60-64 | 65+ | (%) |
| TOTAL | 100% | 18% | 33% | 26% | 13% | 9% | <1% | 10% |
| MALES | 100% | 10% | 34% | 23% | 18% | 16% | . | 16% |
| FEMALES | 100% | 23% | 32% | 29% | 11% | 5% | 1% | 6% |
| PRIMARY CARE | 100% | 14% | 29% | 27% | 16% | 14% | . | 14% |
| SPECIALTY CARE | 100% | 20% | 35% | 26% | 12% | 6% | 1% | 7% |

See Note 1 for description of the calculation of age.

Table 3 -- VT Physician Assistants, 2010
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 | 202 | 36 | 66 | 53 | 27 | 19 | 1 | 10% |
| MALES | 80 | 8 | 27 | 18 | 14 | 13 | . | 16% |
| PRIMARY CARE | 24 | 1 | 7 | 5 | 4 | 7 | . | 29% |
| Family Practice | 18 | 1 | 5 | 4 | 2 | 6 | . | 33% |
| Internal Medicine | 6 | . | 2 | 1 | 2 | 1 | . | 17% |
| SPECIALTY CARE | 56 | 7 | 20 | 13 | 10 | 6 | . | 11% |
| Dermatology | 1 | . | 1 | . | . | . | . | . |
| Emergency Medicine | 26 | 2 | 9 | 5 | 5 | 5 | . | 19% |
| Internal Medicine | 4 | 1 | 2 | 1 | . | . | . | . |
| Surgery: General | 3 | . | 1 | 1 | 1 | . | . | . |
| Surgery: Orthopedic | 13 | 3 | 3 | 5 | 2 | . | . | . |
| Surgery: Other | 3 | . | 1 | 1 | 1 | . | . | . |
| Urology | 1 | . | . | . | . | 1 | . | 100% |
| Other Specialties | 5 | 1 | 3 | . | 1 | . | . | . |
| FEMALES | 122 | 28 | 39 | 35 | 13 | 6 | 1 | 6% |
| PRIMARY CARE | 59 | 11 | 17 | 17 | 9 | 5 | . | 8% |
| Family Practice | 42 | 8 | 14 | 13 | 4 | 3 | . | 7% |
| Internal Medicine | 5 | . | 1 | 2 | 2 | . | . | . |
| Ob/Gyn | 6 | 1 | 1 | . | 3 | 1 | . | 17% |
| Pediatrics | 6 | 2 | 1 | 2 | . | 1 | . | 17% |
| SPECIALTY CARE | 63 | 17 | 22 | 18 | 4 | 1 | 1 | 3% |
| Dermatology | 7 | 1 | 4 | 2 | . | . | . | . |
| Emergency Medicine | 14 | 1 | 6 | 4 | 2 | 1 | . | 7% |
| Internal Medicine | 7 | 2 | 1 | 4 | . | . | . | . |
| Surgery: General | 4 | 1 | 2 | 1 | . | . | . | . |
| Surgery: Orthopedic | 12 | 5 | 2 | 4 | 1 | . | . | . |
| Surgery: Other | 5 | 2 | 3 | . | . | . | . | . |
| Urology | 4 | 1 | 1 | 2 | . | . | . | . |
| Other Specialties | 10 | 4 | 3 | 1 | 1 | . | 1 | 10% |

See Note 1 for description of the calculation of age.

Table 4 -- VT Physician Assistants, 2010
Age by County

| County | Total | Number in Age Group | | | | | | Age 60+ |
|-------------------|-------|---------------------|-------|-------|-------|-------|-----|---------|
| | | <35 | 35-44 | 45-54 | 55-59 | 60-64 | 65+ | (%) |
| STATEWIDE TOTAL | | | | | | | | |
| Total | 202 | 36 | 66 | 53 | 27 | 19 | 1 | 10% |
| Primary Care | 83 | 12 | 24 | 22 | 13 | 12 | . | 15% |
| Specialists | 119 | 24 | 42 | 31 | 14 | 7 | 1 | 7% |
| Addison County | | | | | | | | |
| Primary Care | 2 | . | 2 | . | . | . | . | . |
| Specialists | 4 | . | 2 | 1 | . | 1 | . | 25% |
| Bennington County | | | | | | | | |
| Primary Care | 2 | 2 | . | . | . | . | . | . |
| Specialists | 5 | 2 | . | . | 2 | . | 1 | 20% |
| Caledonia County | | | | | | | | |
| Primary Care | 2 | 1 | . | 1 | . | . | . | . |
| Specialists | 2 | . | . | 1 | 1 | . | . | . |
| Chittenden County | | | | | | | | |
| Primary Care | 19 | 2 | 8 | 4 | 3 | 2 | . | 11% |
| Specialists | 53 | 12 | 22 | 16 | 3 | . | . | . |
| Essex County | | | | | | | | |
| Primary Care | 2 | . | . | . | 1 | 1 | . | 50% |
| Specialists | 0 | . | . | . | . | . | . | . |
| Franklin County | | | | | | | | |
| Primary Care | 9 | 1 | 2 | 4 | . | 2 | . | 22% |
| Specialists | 6 | 1 | 3 | 1 | 1 | . | . | . |
| Grand Isle County | | | | | | | | |
| Primary Care | 1 | . | 1 | . | . | . | . | . |
| Specialists | 0 | . | . | . | . | . | . | . |
| Lamoille County | | | | | | | | |
| Primary Care | 0 | . | . | . | . | . | . | . |
| Specialists | 4 | . | 1 | 2 | . | 1 | . | 25% |
| Orange County | | | | | | | | |
| Primary Care | 4 | . | 2 | 1 | 1 | . | . | . |
| Specialists | 5 | 1 | 1 | 3 | . | . | . | . |
| Orleans County | | | | | | | | |
| Primary Care | 4 | 1 | 1 | 1 | 1 | . | . | . |
| Specialists | 3 | 3 | . | . | . | . | . | . |
| Rutland County | | | | | | | | |
| Primary Care | 10 | 1 | 3 | 2 | 2 | 2 | . | 20% |
| Specialists | 11 | 3 | 2 | 2 | 4 | . | . | . |
| Washington County | | | | | | | | |
| Primary Care | 14 | 2 | 4 | 5 | 2 | 1 | . | 7% |
| Specialists | 5 | . | 1 | 2 | 1 | 1 | . | 20% |
| Windham County | | | | | | | | |
| Primary Care | 6 | . | 1 | 2 | 1 | 2 | . | 33% |
| Specialists | 5 | . | . | 1 | 2 | 2 | . | 40% |
| Windsor County | | | | | | | | |
| Primary Care | 8 | 2 | . | 2 | 2 | 2 | . | 25% |
| Specialists | 16 | 2 | 10 | 2 | . | 2 | . | 13% |

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, 2010
Gender by County

| County | Total | Males | Females |
|-------------------|-------|----------|-----------|
| STATEWIDE TOTAL | | | |
| Total | 202 | 80 (40%) | 122 (60%) |
| Primary Care | 83 | 24 (29%) | 59 (71%) |
| Specialists | 119 | 56 (47%) | 63 (53%) |
| Addison County | | | |
| Primary Care | 2 | 1 (50%) | 1 (50%) |
| Specialists | 4 | 2 (50%) | 2 (50%) |
| Bennington County | | | |
| Primary Care | 2 | 0 (0%) | 2 (100%) |
| Specialists | 5 | 1 (20%) | 4 (80%) |
| Caledonia County | | | |
| Primary Care | 2 | 0 (0%) | 2 (100%) |
| Specialists | 2 | 2 (100%) | 0 (0%) |
| Chittenden County | | | |
| Primary Care | 19 | 2 (11%) | 17 (89%) |
| Specialists | 53 | 21 (40%) | 32 (60%) |
| Essex County | | | |
| Primary Care | 2 | 2 (100%) | 0 (0%) |
| Specialists | 0 | | |
| Franklin County | | | |
| Primary Care | 9 | 5 (56%) | 4 (44%) |
| Specialists | 6 | 1 (17%) | 5 (83%) |
| Grand Isle County | | | |
| Primary Care | 1 | 0 | 1 (100%) |
| Specialists | 0 | | |
| Lamoille County | | | |
| Primary Care | 0 | | |
| Specialists | 4 | 2 (50%) | 2 (50%) |
| Orange County | | | |
| Primary Care | 4 | 1 (25%) | 3 (75%) |
| Specialists | 5 | 2 (40%) | 3 (60%) |
| Orleans County | | | |
| Primary Care | 4 | 1 (25%) | 3 (75%) |
| Specialists | 3 | 1 (33%) | 2 (67%) |
| Rutland County | | | |
| Primary Care | 10 | 5 (50%) | 5 (50%) |
| Specialists | 11 | 5 (45%) | 6 (55%) |
| Washington County | | | |
| Primary Care | 14 | 1 (7%) | 13 (93%) |
| Specialists | 5 | 3 (60%) | 2 (40%) |
| Windham County | | | |
| Primary Care | 6 | 2 (33%) | 4 (67%) |
| Specialists | 5 | 4 (80%) | 1 (20%) |
| Windsor County | | | |
| Primary Care | 8 | 4 (50%) | 4 (50%) |
| Specialists | 16 | 12 (75%) | 4 (25%) |

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, 2010
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 | 202 | 3% | 6% | 31% | 34% | 15% | 8% | 5% | . | . |
| PRIMARY CARE | 83 | 5% | 5% | 31% | 28% | 16% | 8% | 8% | . | . |
| Family Practice | 60 | 4% | 5% | 33% | 28% | 12% | 9% | 9% | . | . |
| Internal Medicine | 11 | . | 9% | 36% | 27% | 18% | 9% | . | . | . |
| Ob/Gyn | 6 | 33% | . | . | 17% | 33% | . | 17% | . | . |
| Pediatrics | 6 | . | . | 33% | 33% | 33% | . | . | . | . |
| SPECIALTY CARE | 119 | 1% | 6% | 31% | 38% | 13% | 8% | 3% | . | . |
| Dermatology | 8 | . | . | 50% | 38% | 13% | . | . | . | . |
| Emergency Medicine | 40 | 3% | 8% | 35% | 33% | 10% | 10% | 3% | . | . |
| Internal Medicine | 11 | . | . | 36% | 36% | 9% | 18% | . | . | . |
| Surgery: General | 7 | . | 29% | 29% | 29% | 14% | . | . | . | . |
| Surgery: Orthopedic | 25 | . | . | 32% | 32% | 20% | 4% | 12% | . | . |
| Surgery: Other | 8 | . | . | 13% | 75% | 13% | . | . | . | . |
| Urology | 5 | . | . | . | 40% | 40% | 20% | . | . | . |
| Other Specialties | 15 | . | 13% | 27% | 47% | 7% | 7% | . | . | . |

State of school is not known for 3 of the primary care PAs.
This table uses the standard mapping of states to regions,
but separates out VT and NH (Note 12).

Table 7 -- VT Physician Assistants, 2010
 Years in Clinical Practice

| In Clinical Practice | Total | In Vermont |
|----------------------|-----------|------------|
| less than a year | 5 (3%) | 22 (11%) |
| 1 or 2 years | 17 (9%) | 30 (15%) |
| 3 or 4 years | 16 (8%) | 26 (13%) |
| 5 to 9 years | 53 (27%) | 46 (23%) |
| 10 to 14 years | 29 (15%) | 29 (14%) |
| 15 to 19 years | 23 (12%) | 20 (10%) |
| 20 to 24 years | 11 (6%) | 12 (6%) |
| 25 to 29 years | 21 (11%) | 6 (3%) |
| 30 years or more | 20 (10%) | 11 (5%) |
| unknown | 7 | 0 |
| Total | 202 | 202 |
| Median Years | 11 | 7 |

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

Table 8 -- VT Physician Assistants, 2010
Full Time Equivalentents (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 | 172.8 | 35.0 | 54.4 | 44.4 | 22.5 | 15.4 | 1.0 | 10% |
| MALES | 71.7 | 7.8 | 23.6 | 16.8 | 12.2 | 11.3 | . | 16% |
| FEMALES | 101.0 | 27.2 | 30.8 | 27.5 | 10.4 | 4.1 | 1.0 | 5% |
| PRIMARY CARE | 67.0 | 11.4 | 18.2 | 17.7 | 10.8 | 9.0 | . | 13% |
| Family Practice | 49.3 | 8.9 | 14.2 | 13.6 | 5.7 | 6.9 | . | 14% |
| Internal Medicine | 9.4 | . | 3.0 | 2.6 | 2.9 | 1.0 | . | 10% |
| Ob/Gyn | 4.4 | 1.0 | .8 | . | 2.2 | .5 | . | 10% |
| Pediatrics | 3.9 | 1.5 | .2 | 1.6 | . | .6 | . | 15% |
| SPECIALTY CARE | 105.7 | 23.7 | 36.2 | 26.6 | 11.8 | 6.5 | 1.0 | 7% |
| Dermatology | 7.9 | 1.0 | 5.0 | 1.9 | . | . | . | 0% |
| Emergency Medicine | 32.4 | 3.5 | 11.0 | 6.9 | 5.5 | 5.5 | . | 17% |
| Internal Medicine | 9.6 | 2.8 | 3.0 | 3.8 | . | . | . | 0% |
| Surgery: General | 6.4 | 1.0 | 3.0 | 1.8 | .6 | . | . | 0% |
| Surgery: Orthopedic | 23.5 | 8.0 | 4.4 | 8.2 | 2.9 | . | . | 0% |
| Surgery: Other | 6.9 | 2.0 | 2.9 | 1.0 | 1.0 | . | . | 0% |
| Urology | 4.9 | 1.0 | .9 | 2.0 | . | 1.0 | . | 21% |
| Other Specialties | 14.2 | 4.4 | 6.0 | 1.0 | 1.8 | . | 1.0 | 7% |
| | Total | % of total FTEs in Age Group | | | | | | Age 60+ |
| | | <35 | 35-44 | 45-54 | 55-59 | 60-64 | 65+ | (%) |
| TOTAL | 100% | 20% | 31% | 26% | 13% | 9% | 1% | 10% |
| MALES | 100% | 11% | 33% | 23% | 17% | 16% | . | 16% |
| FEMALES | 100% | 27% | 30% | 27% | 10% | 4% | 1% | 5% |
| PRIMARY CARE | 100% | 17% | 27% | 26% | 16% | 13% | . | 13% |
| SPECIALTY CARE | 100% | 22% | 34% | 25% | 11% | 6% | 1% | 7% |

See Note 1 for description of the calculation of age

Table 9 -- VT Physician Assistants, 2010
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 | 172.8 | 35.0 | 54.4 | 44.4 | 22.5 | 15.4 | 1.0 | 10% |
| Primary Care | 67.0 | 11.4 | 18.2 | 17.7 | 10.8 | 9.0 | . | 13% |
| Specialists | 105.7 | 23.7 | 36.2 | 26.6 | 11.8 | 6.5 | 1.0 | 7% |
| Addison County | | | | | | | | |
| Primary Care | .9 | . | .9 | . | . | . | . | 0% |
| Specialists | 3.2 | . | 1.8 | 1.0 | . | .5 | . | 15% |
| Bennington County | | | | | | | | |
| Primary Care | 2.0 | 2.0 | . | . | . | . | . | 0% |
| Specialists | 3.8 | 1.0 | . | . | 1.8 | . | 1.0 | 26% |
| Caledonia County | | | | | | | | |
| Primary Care | 1.2 | .5 | . | .7 | . | . | . | 0% |
| Specialists | 2.0 | . | . | 1.0 | 1.0 | . | . | 0% |
| Chittenden County | | | | | | | | |
| Primary Care | 13.6 | 1.8 | 5.5 | 2.4 | 2.5 | 1.4 | . | 11% |
| Specialists | 48.5 | 11.9 | 20.1 | 13.0 | 2.9 | .6 | . | 1% |
| Essex County | | | | | | | | |
| Primary Care | 2.4 | .4 | . | . | 1.0 | 1.0 | . | 41% |
| Specialists | . | . | . | . | . | . | . | . |
| Franklin County | | | | | | | | |
| Primary Care | 8.0 | .8 | 2.0 | 3.5 | . | 1.8 | . | 22% |
| Specialists | 4.8 | .5 | 2.1 | 1.1 | 1.0 | <.05 | . | 0% |
| Grand Isle County | | | | | | | | |
| Primary Care | 1.0 | . | 1.0 | . | . | . | . | 0% |
| Specialists | . | . | . | . | . | . | . | . |
| Lamoille County | | | | | | | | |
| Primary Care | . | . | . | . | . | . | . | . |
| Specialists | 3.8 | .4 | .4 | 2.4 | . | .6 | . | 16% |
| Orange County | | | | | | | | |
| Primary Care | 3.8 | . | 2.0 | 1.0 | .8 | . | . | 0% |
| Specialists | 4.4 | .8 | .9 | 2.7 | . | . | . | 0% |
| Orleans County | | | | | | | | |
| Primary Care | 4.0 | 1.0 | 1.0 | 1.0 | 1.0 | . | . | 0% |
| Specialists | 3.0 | 3.0 | . | . | . | . | . | 0% |
| Rutland County | | | | | | | | |
| Primary Care | 8.4 | 1.0 | 2.0 | 2.0 | 2.1 | 1.4 | . | 16% |
| Specialists | 9.5 | 4.0 | 1.3 | 1.3 | 3.0 | . | . | 0% |
| Washington County | | | | | | | | |
| Primary Care | 10.4 | 2.0 | 2.8 | 3.2 | 1.5 | .8 | . | 8% |
| Specialists | 5.2 | .1 | 1.0 | 1.9 | 1.3 | .9 | . | 17% |
| Windham County | | | | | | | | |
| Primary Care | 4.8 | . | 1.0 | 1.9 | .4 | 1.5 | . | 31% |
| Specialists | 3.4 | . | .2 | .3 | .9 | 2.0 | . | 58% |
| Windsor County | | | | | | | | |
| Primary Care | 6.6 | 2.0 | . | 2.0 | 1.5 | 1.1 | . | 17% |
| Specialists | 14.1 | 1.9 | 8.4 | 1.8 | . | 1.9 | . | 14% |

See Note 1 for description of the calculation of age.

Table 10 -- VT Physician Assistants, 2010
 Numbers of PAs, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by County

| Count FTEs Hours | TOTAL | PRIMARY CARE TOTAL | SPECIALTY CARE TOTAL |
|------------------------|----------------------|--------------------------|----------------------------|
| STATEWIDE TOTAL | 202 172.8 7314 | 87 67.0 2749 | 124 105.7 4565 |
| Addison County | 7 4.1 201 | 2 .9 39 | 6 3.2 162 |
| Bennington County | 7 5.8 232 | 2 2.0 80 | 5 3.8 152 |
| Caledonia County | 4 3.2 142 | 2 1.2 48 | 2 2.0 94 |
| Chittenden County | 76 62.1 2692 | 21 13.6 564 | 57 48.5 2128 |
| Essex County | 3 2.4 95 | 3 2.4 95 | |
| Franklin County | 19 12.8 527 | 9 8.0 326 | 11 4.8 201 |
| Grand Isle County | 1 1.0 40 | 1 1.0 40 | |
| Lamoille County | 7 3.8 165 | | 7 3.8 165 |
| Orange County | 9 8.1 338 | 5 3.8 150 | 5 4.4 188 |
| Orleans County | 7 7.0 310 | 4 4.0 160 | 3 3.0 150 |
| Rutland County | 23 17.9 749 | 11 8.4 344 | 13 9.5 405 |
| Washington County | 22 15.5 622 | 14 10.4 414 | 9 5.2 208 |
| Windham County | 13 8.2 333 | 7 4.8 198 | 6 3.4 135 |
| Windsor County | 24 20.8 869 | 8 6.6 291 | 16 14.1 577 |

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

Table 11 -- VT Physician Assistants, 2010
 Numbers of Primary Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by County

| Count | PRIMARY | FAMILY | INTERNAL | OB/GYN | PEDIATRIC |
|-------------------|---------|--------|----------|--------|-----------|
| FTEs | CARE | | | | |
| Hours | TOTAL | | | | |
| STATEWIDE TOTAL | 87 | 64 | 11 | 6 | 6 |
| | 67.0 | 49.3 | 9.4 | 4.4 | 3.9 |
| | 2749 | 2014 | 387 | 179 | 169 |
| Addison County | 2 | 2 | . | . | . |
| | .9 | .9 | . | . | . |
| | 39 | 39 | . | . | . |
| Bennington County | 2 | 1 | . | . | 1 |
| | 2.0 | 1.0 | . | . | 1.0 |
| | 80 | 40 | . | . | 40 |
| Caledonia County | 2 | 2 | . | . | . |
| | 1.2 | 1.2 | . | . | . |
| | 48 | 48 | . | . | . |
| Chittenden County | 21 | 12 | 2 | 5 | 2 |
| | 13.6 | 7.8 | 2.0 | 3.1 | .7 |
| | 564 | 319 | 79 | 126 | 40 |
| Essex County | 3 | 2 | 1 | . | . |
| | 2.4 | 1.4 | 1.0 | . | . |
| | 95 | 55 | 40 | . | . |
| Franklin County | 9 | 7 | 1 | 1 | . |
| | 8.0 | 6.3 | .9 | .8 | . |
| | 326 | 259 | 36 | 31 | . |
| Grand Isle County | 1 | 1 | . | . | . |
| | 1.0 | 1.0 | . | . | . |
| | 40 | 40 | . | . | . |
| Lamoille County | . | . | . | . | . |
| | . | . | . | . | . |
| | . | . | . | . | . |
| Orange County | 5 | 3 | 1 | . | 1 |
| | 3.8 | 1.8 | 1.0 | . | 1.0 |
| | 150 | 70 | 40 | . | 40 |
| Orleans County | 4 | 4 | . | . | . |
| | 4.0 | 4.0 | . | . | . |
| | 160 | 160 | . | . | . |
| Rutland County | 11 | 11 | . | . | . |
| | 8.4 | 8.4 | . | . | . |
| | 344 | 344 | . | . | . |
| Washington County | 14 | 11 | 1 | 1 | 1 |
| | 10.4 | 8.5 | .7 | .5 | .6 |
| | 414 | 342 | 26 | 22 | 25 |
| Windham County | 7 | 4 | 2 | . | 1 |
| | 4.8 | 2.8 | 1.4 | . | .6 |
| | 198 | 118 | 56 | . | 24 |
| Windsor County | 8 | 5 | 3 | . | . |
| | 6.6 | 4.1 | 2.5 | . | . |
| | 291 | 181 | 110 | . | . |

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

Table 12 -- VT Physician Assistants, 2010
 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 |
| STATEWIDE TOTAL | 124 105.7 4565 | 8 7.9 328 | 49 32.4 1344 | 11 9.6 407 | 9 6.4 274 | 27 23.5 1025 | 8 6.9 311 | 5 4.9 292 | 17 14.2 585 |
| Addison County | 6 3.2 162 | | 4 .8 32 | | | 2 2.0 81 | | 1 .5 49 | |
| Bennington County | 5 3.8 152 | | | 2 1.0 40 | | 2 1.8 72 | | | 1 1.0 40 |
| Caledonia County | 2 2.0 94 | | 2 .4 20 | | 2 1.3 60 | 2 .3 14 | | | |
| Chittenden County | 57 48.5 2128 | 7 6.8 285 | 15 10.3 443 | 3 2.8 114 | 3 3.0 130 | 10 9.3 402 | 7 6.0 277 | 4 2.9 179 | 8 7.4 299 |
| Essex County | | | | | | | | | |
| Franklin County | 11 4.8 201 | 1 <.05 2 | 6 3.0 128 | | 1 1.0 40 | | | 2 .2 10 | 1 .5 21 |
| Grand Isle County | | | | | | | | | |
| Lamoille County | 7 3.8 165 | 1 <.05 2 | 2 1.0 40 | | | 2 2.0 88 | | 1 .4 20 | 1 .4 15 |
| Orange County | 5 4.4 188 | | | 3 2.5 114 | 1 1.0 40 | | | 1 .9 34 | |
| Orleans County | 3 3.0 150 | | | | | 2 2.0 110 | | | 1 1.0 40 |
| Rutland County | 13 9.5 405 | | 4 2.2 95 | 3 1.3 51 | | 4 4.0 165 | | | 2 2.0 93 |
| Washington County | 9 5.2 208 | | 4 2.2 88 | 1 1.0 39 | 2 .1 4 | 1 .8 32 | 1 .1 4 | | 2 1.0 41 |
| Windham County | 6 3.4 135 | | 5 2.6 105 | | | | | | 1 .8 30 |
| Windsor County | 16 14.1 577 | 1 1.0 39 | 11 9.8 394 | 1 1.0 49 | | 2 1.4 61 | 1 .8 30 | | 1 .1 5 |

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

Table 13 -- VT Physician Assistants, 2010
 Primary Care Provider FTE to Population Ratios by County

| County | FTEs | 2009 Population | FTEs per 100,000 | Population per FTE |
|-------------------|-------|--------------------|---------------------|-----------------------|
| STATEWIDE TOTAL | 67.03 | 621,760 | 10.78 | 9,275 |
| Addison County | .90 | 36,760 | 2.45 | 40,844 |
| Bennington County | 2.00 | 36,411 | 5.49 | 18,206 |
| Caledonia County | 1.19 | 30,252 | 3.94 | 25,409 |
| Chittenden County | 13.65 | 152,313 | 8.96 | 11,160 |
| Essex County | 2.38 | 6,394 | 37.14 | 2,692 |
| Franklin County | 7.96 | 48,182 | 16.52 | 6,054 |
| Grand Isle County | 1.00 | 7,560 | 13.23 | 7,560 |
| Lamoille County | .00 | 25,958 | .00 | . |
| Orange County | 3.75 | 28,896 | 12.99 | 7,697 |
| Orleans County | 4.00 | 27,301 | 14.65 | 6,825 |
| Rutland County | 8.42 | 63,014 | 13.36 | 7,483 |
| Washington County | 10.36 | 58,696 | 17.65 | 5,667 |
| Windham County | 4.80 | 43,471 | 11.05 | 9,049 |
| Windsor County | 6.63 | 56,552 | 11.71 | 8,536 |

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 2009
 (see note 7).

Table 14 -- VT Physician Assistants, 2010
Total FTEs by Practice Setting by Specialty

| Care Setting | FTEs in Primary Care Specialty | | | |
|---------------------|--------------------------------|----------|--------|-----------|
| | Family | Internal | Ob/Gyn | Pediatric |
| TOTAL, all settings | 49.3 | 9.4 | 4.4 | 3.9 |
| Office, incl hosp * | 8.9 | 3.5 | .8 | .6 |
| Office, w/o hosp * | 37.9 | 5.9 | 3.6 | 2.8 |
| Hospital-based | . | . | . | . |
| Hospitalist | . | . | . | . |
| Student health ctr | 1.3 | . | . | .5 |
| Extended care | .7 | <.05 | . | . |
| Other | .4 | . | . | . |

| Care Setting | FTEs in Specialty | | | | | | | |
|---------------------|-------------------|-------|--------|----------|-----------|------------|--------|------------|
| | Derm | Emerg | Intern | Gen Surg | Orth Surg | Other Surg | Urolog | Other Spec |
| TOTAL, all settings | 7.9 | 32.4 | 9.6 | 6.4 | 23.5 | 6.9 | 4.9 | 14.2 |
| Office, incl hosp * | . | 1.5 | 2.6 | 2.0 | 16.9 | 4.3 | 3.9 | 3.2 |
| Office, w/o hosp * | 7.9 | 2.7 | 2.5 | .1 | 4.8 | .6 | . | 5.3 |
| Hospital-based | . | 26.4 | . | 4.3 | 1.8 | 2.0 | 1.0 | 4.0 |
| Hospitalist | . | . | 4.5 | . | . | . | . | 1.7 |
| Student health ctr | . | . | . | . | . | . | . | . |
| Extended care | . | . | . | . | .0 | . | . | . |
| Other | . | 1.7 | . | . | . | . | . | . |

All worksites of each PA are counted in this table.

* The settings as listed on the survey form were:

- Ambulatory care, including associated hospital care
- Ambulatory care, without hospital care
- Office-based specialty care, including hospital care
- Office-based specialty care, without hospital care
- Hospital-based specialty care (e.g., pathology, E.R.)
- Inpatient care only (hospitalist)
- Student health center (providing care to students only)
- Extended care / nursing home (with or without hospital care)
- Other

In this report "Ambulatory" and "Office-based" are combined.

Table 15 -- VT Physician Assistants, 2010
Detailed Specialty List

| SPECIALTY GROUP Specialty | Count of PAs Working in Specialty | | |
|-----------------------------------|-----------------------------------|---------------------------|------|
| | As Main Specialty | As Secondary Specialty | FTE |
| TOTAL | 202 | | |
| --- PRIMARY CARE --- | | | |
| FAMILY PRACTICE | | | |
| Family Practice | 58 | 5 | 47.4 |
| General Practice | 1 | 1 | 1.2 |
| Geriatric Family Medicine | 1 | 0 | .7 |
| INTERNAL MEDICINE (PRIMARY) | | | |
| Internal Medicine | 11 | 0 | 9.4 |
| OB/GYN | | | |
| Gynecology | 6 | 0 | 4.4 |
| PEDIATRICS | | | |
| Adolescent Medicine (Pediatrics) | 1 | 0 | .5 |
| Pediatrics (general) | 5 | 0 | 3.4 |
| --- SPECIALTY CARE --- | | | |
| DERMATOLOGY | 8 | 0 | 7.9 |
| EMERGENCY MEDICINE | 40 | 9 | 32.4 |
| INTERNAL MEDICINE (SPECIALTY) | | | |
| Cardiovascular Disease | 1 | 0 | 1.0 |
| Gastroenterology | 2 | 0 | 2.0 |
| Internal Medicine | 5 | 0 | 4.5 |
| Medical Oncology | 2 | 0 | 1.3 |
| Nephrology | 1 | 0 | .8 |
| SURGERY: GENERAL | 7 | 2 | 6.4 |
| SURGERY: ORTHOPEDIC | | | |
| Adult Reconstructive Orthopedics | 0 | 1 | .4 |
| Hand Surgery (Orthopedic) | 2 | 0 | 2.0 |
| Orthopedic Surgery | 20 | 2 | 18.5 |
| Orthopedic Surgery Of The Spine | 1 | 0 | 1.0 |
| Orthopedic Surgery: Sports | 2 | 0 | 1.6 |
| SURGERY: OTHER | | | |
| Cardiovascular Surgery | 2 | 0 | 2.0 |
| Colon & Rectal Surgery | 1 | 0 | .8 |
| General Vascular Surgery | 1 | 0 | 1.0 |
| Neurological Surgery | 3 | 0 | 3.0 |
| Surgical Critical Care | 1 | 0 | .1 |
| UROLOGY | 5 | 0 | 4.9 |
| OTHER SPECIALTIES | | | |
| Family Practice (hospitalist) | 1 | 0 | .8 |
| Gynecologic Oncology | 1 | 0 | 1.0 |
| Occupational Medicine | 4 | 0 | 3.0 |
| Plastic Surgery | 2 | 0 | 2.0 |
| Psychiatry | 3 | 2 | 3.3 |
| Sleep Medicine | 1 | 0 | 1.0 |
| Vascular/Interventional Radiology | 3 | 0 | 3.0 |
| Unlisted Specialty | 0 | 1 | .1 |

Vermont Physician Assistants' Practice Characteristics

Table 16 -- VT Physician Assistants, 2010
Practice Setting by Specialty

| Care Setting | Number in Primary Care Specialty | | | |
|---------------------|----------------------------------|----------|--------|-----------|
| | Family | Internal | Ob/Gyn | Pediatric |
| TOTAL, all settings | 60 | 11 | 6 | 6 |
| Office, incl hosp * | 10 | 4 | 1 | 1 |
| Office, w/o hosp * | 47 | 7 | 5 | 4 |
| Hospital-based | . | . | . | . |
| Hospitalist | . | . | . | . |
| Student health ctr | 2 | . | . | 1 |
| Extended care | 1 | . | . | . |
| Other | . | . | . | . |

| Care Setting | Number in Specialty | | | | | | | |
|---------------------|---------------------|-------|--------|----------|-----------|------------|--------|------------|
| | Derm | Emerg | Intern | Gen Surg | Orth Surg | Other Surg | Urolog | Other Spec |
| TOTAL, all settings | 8 | 40 | 11 | 7 | 25 | 8 | 5 | 15 |
| Office, incl hosp * | . | 1 | 4 | 2 | 18 | 5 | 4 | 3 |
| Office, w/o hosp * | 8 | 4 | 2 | . | 5 | 1 | . | 6 |
| Hospital-based | . | 33 | . | 5 | 2 | 2 | 1 | 4 |
| Hospitalist | . | . | 5 | . | . | . | . | 2 |
| Student health ctr | . | . | . | . | . | . | . | . |
| Extended care | . | . | . | . | . | . | . | . |
| Other | . | 2 | . | . | . | . | . | . |

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

* The settings as listed on the survey form were:

Ambulatory care, including associated hospital care
 Ambulatory care, without hospital care
 Office-based specialty care, including hospital care
 Office-based specialty care, without hospital care
 Hospital-based specialty care (e.g., pathology, E.R.)
 Inpatient care only (hospitalist)
 Student health center (providing care to students only)
 Extended care / nursing home (with or without hospital care)
 Other

In this report "Ambulatory" and "Office-based" are combined.

Table 17 -- VT Physician Assistants, 2010
Practice Setting by Age

| Care Setting | Total | Number in Age Group | | | | | |
|---------------------|------------|---------------------|-------|-------|-------|-------|-----|
| | | <35 | 35-44 | 45-54 | 55-59 | 60-64 | 65+ |
| TOTAL, all settings | 202 (100%) | 36 | 66 | 53 | 27 | 19 | 1 |
| Office, incl hosp * | 53 (26%) | 13 | 12 | 17 | 7 | 4 | . |
| Office, w/o hosp * | 89 (44%) | 15 | 31 | 22 | 11 | 9 | 1 |
| Hospital-based | 47 (23%) | 4 | 21 | 9 | 7 | 6 | . |
| Hospitalist | 7 (3%) | 2 | 1 | 3 | 1 | . | . |
| Student health ctr | 3 (1%) | 1 | 1 | 1 | . | . | . |
| Extended care | 1 (0%) | 1 | . | . | . | . | . |
| Other | 2 (1%) | . | . | 1 | 1 | . | . |

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

Table 18 -- VT Physician Assistants, 2010
Practice Setting by Gender

| Care Setting | Total | Males | | Females | |
|---------------------|-------|-------|------------|---------|------------|
| | | Count | Percentage | Count | Percentage |
| TOTAL, all settings | 202 | 80 | (100%) | 122 | (100%) |
| Office, incl hosp * | 53 | 18 | (23%) | 35 | (29%) |
| Office, w/o hosp * | 89 | 25 | (31%) | 64 | (52%) |
| Hospital-based | 47 | 31 | (39%) | 16 | (13%) |
| Hospitalist | 7 | 5 | (6%) | 2 | (2%) |
| Student health ctr | 3 | 0 | (0%) | 3 | (2%) |
| Extended care | 1 | 0 | (0%) | 1 | (1%) |
| Other | 2 | 1 | (1%) | 1 | (1%) |

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

* The settings as listed on the survey form were:

- Ambulatory care, including associated hospital care
- Ambulatory care, without hospital care
- Office-based specialty care, including hospital care
- Office-based specialty care, without hospital care
- Hospital-based specialty care (e.g., pathology, E.R.)
- Inpatient care only (hospitalist)
- Student health center (providing care to students only)
- Extended care / nursing home (with or without hospital care)
- Other

In this report "Ambulatory" and "Office-based" are combined.

Table 19 -- VT Physician Assistants, 2010
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 | 202 | 36 | 37 | 36 | 36 | 59% |
| PRIMARY CARE | 83 | 34 | 35 | 33 | 32 | 46% |
| Family Practice | 60 | 34 | 34 | 33 | 34 | 47% |
| Internal Medicine | 11 | 35 | 40 | 37 | 31 | 55% |
| Ob/Gyn | 6 | 30 | . | . | 26 | 17% |
| Pediatrics | 6 | 34 | 38 | . | . | 50% |
| SPECIALTY CARE | 119 | 38 | 38 | 37 | 40 | 68% |
| Dermatology | 8 | 41 | 42 | . | . | 75% |
| Emergency Medicine | 40 | 32 | 30 | 31 | 34 | 43% |
| Internal Medicine | 11 | 38 | 40 | 36 | . | 73% |
| Surgery: General | 7 | 43 | 43 | . | . | 100% |
| Surgery: Orthopedic | 25 | 40 | 43 | 39 | 37 | 84% |
| Surgery: Other | 8 | 39 | 36 | . | . | 75% |
| Urology | 5 | 60 | . | . | . | 100% |
| Other Specialties | 15 | 39 | 38 | . | 37 | 73% |

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, 2010
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 | 80 | 39 | 38 | 41 | 39 | 68% |
| PRIMARY CARE | 24 | 36 | 39 | 37 | 34 | 54% |
| Family Practice | 18 | 36 | 39 | 38 | 34 | 56% |
| Internal Medicine | 6 | 36 | . | . | 33 | 50% |
| SPECIALTY CARE | 56 | 40 | 38 | 42 | 42 | 73% |
| Dermatology | 1 | . | . | . | . | . |
| Emergency Medicine | 26 | 35 | 32 | 40 | 37 | 58% |
| Internal Medicine | 4 | 42 | 41 | . | . | 75% |
| Surgery: General | 3 | 48 | . | . | . | 100% |
| Surgery: Orthopedic | 13 | 44 | 47 | 42 | . | 92% |
| Surgery: Other | 3 | 35 | . | . | . | 67% |
| Urology | 1 | . | . | . | . | . |
| Other Specialties | 5 | 39 | 42 | . | . | 80% |
| FEMALES: | | | | | | |
| ALL SPECIALTIES | 122 | 34 | 36 | 33 | 31 | 53% |
| PRIMARY CARE | 59 | 32 | 34 | 32 | 31 | 42% |
| Family Practice | 42 | 32 | 33 | 31 | 35 | 43% |
| Internal Medicine | 5 | 34 | . | . | . | 60% |
| Ob/Gyn | 6 | 30 | . | . | 26 | 17% |
| Pediatrics | 6 | 34 | 38 | . | . | 50% |
| SPECIALTY CARE | 63 | 36 | 38 | 34 | 32 | 63% |
| Dermatology | 7 | 41 | 42 | . | . | 71% |
| Emergency Medicine | 14 | 25 | 27 | 20 | 27 | 14% |
| Internal Medicine | 7 | 36 | 40 | 33 | . | 71% |
| Surgery: General | 4 | 40 | 40 | . | . | 100% |
| Surgery: Orthopedic | 12 | 37 | 39 | 35 | . | 75% |
| Surgery: Other | 5 | 42 | 42 | . | . | 80% |
| Urology | 4 | 50 | . | . | . | 100% |
| Other Specialties | 10 | 38 | 36 | . | . | 70% |

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, 2010
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 | 83 | 34 | 35 | 33 | 32 | 46% |
| Specialists | 119 | 38 | 38 | 37 | 40 | 68% |
| Addison County | | | | | | |
| Primary Care | 2 | . | . | . | . | . |
| Specialists | 4 | 51 | . | . | . | 75% |
| Bennington County | | | | | | |
| Primary Care | 2 | . | . | . | . | . |
| Specialists | 5 | 38 | . | . | 37 | 80% |
| Caledonia County | | | | | | |
| Primary Care | 2 | . | . | . | . | . |
| Specialists | 2 | . | . | . | . | . |
| Chittenden County | | | | | | |
| Primary Care | 19 | 31 | 33 | 24 | 31 | 26% |
| Specialists | 53 | 39 | 40 | 38 | 41 | 79% |
| Essex County | | | | | | |
| Primary Care | 2 | . | . | . | . | . |
| Specialists | 0 | . | . | . | . | . |
| Franklin County | | | | | | |
| Primary Care | 9 | 38 | 41 | 37 | . | 67% |
| Specialists | 6 | 29 | 26 | . | . | 33% |
| Grand Isle County | | | | | | |
| Primary Care | 1 | . | . | . | . | . |
| Specialists | 0 | . | . | . | . | . |
| Lamoille County | | | | | | |
| Primary Care | 0 | . | . | . | . | . |
| Specialists | 4 | 35 | . | . | . | 50% |
| Orange County | | | | | | |
| Primary Care | 4 | 36 | . | . | . | 50% |
| Specialists | 5 | 42 | . | 45 | . | 80% |
| Orleans County | | | | | | |
| Primary Care | 4 | 40 | . | . | . | 100% |
| Specialists | 3 | 50 | 50 | . | . | 100% |
| Rutland County | | | | | | |
| Primary Care | 10 | 34 | 33 | . | 33 | 50% |
| Specialists | 11 | 35 | 36 | . | 36 | 64% |
| Washington County | | | | | | |
| Primary Care | 14 | 30 | 32 | 26 | 31 | 21% |
| Specialists | 5 | 38 | . | . | . | 60% |
| Windham County | | | | | | |
| Primary Care | 6 | 32 | . | . | 25 | 33% |
| Specialists | 5 | 25 | . | . | 29 | 20% |
| Windsor County | | | | | | |
| Primary Care | 8 | 36 | . | . | 31 | 75% |
| Specialists | 16 | 36 | 35 | . | . | 50% |

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 -- VT Physician Assistants, 2010
Hospital Admitting Privileges by Specialty

| Specialty | Total PA's | Number of PA's with Hospital Privileges | |
|---------------------|---------------|--|--------|
| TOTAL | 202 | 87 | (43%) |
| PRIMARY CARE | 83 | 25 | (30%) |
| Family Practice | 60 | 16 | (27%) |
| Internal Medicine | 11 | 6 | (55%) |
| Ob/Gyn | 6 | 1 | (17%) |
| Pediatrics | 6 | 2 | (33%) |
| SPECIALTY CARE | 119 | 62 | (52%) |
| Dermatology | 8 | 2 | (25%) |
| Emergency Medicine | 40 | 23 | (57%) |
| Internal Medicine | 11 | 6 | (55%) |
| Surgery: General | 7 | 5 | (71%) |
| Surgery: Orthopedic | 25 | 14 | (56%) |
| Surgery: Other | 8 | 5 | (63%) |
| Urology | 5 | 2 | (40%) |
| Other Specialties | 15 | 5 | (33%) |

PAs are only counted once in the last column,
even if they have privileges at multiple hospitals.

Table 23 -- VT Physician Assistants, 2010
Practice Availability by Specialty

| Specialty | PAs * | Accept New Patients | Participate in Medicaid | Accept New Medicaid Patients | Participate in Medicare | Accept New Medicare Patients |
|---------------------|-------|---------------------|-------------------------|------------------------------|-------------------------|------------------------------|
| | | (%) | (%) | (%) | (%) | (%) |
| TOTAL | 139 | 88% | 95% | 80% | 96% | 83% |
| PRIMARY CARE | 80 | 81% | 96% | 72% | 96% | 73% |
| Family Practice | 58 | 85% | 96% | 74% | 96% | 76% |
| Internal Medicine | 11 | 55% | 91% | 45% | 91% | 45% |
| Ob/Gyn | 6 | 100% | 100% | 100% | 100% | 100% |
| Pediatrics | 5 | 80% | 100% | 80% | n.a. | n.a. |
| SPECIALTY CARE | 59 | 98% | 93% | 91% | 96% | 95% |
| Dermatology | 8 | 100% | 63% | 63% | 100% | 100% |
| Internal Medicine | 6 | 83% | 100% | 80% | 100% | 83% |
| Surgery: General | 2 | 100% | 100% | 100% | 100% | 100% |
| Surgery: Orthopedic | 23 | 100% | 100% | 100% | 100% | 100% |
| Surgery: Other | 6 | 100% | 100% | 100% | 100% | 100% |
| Urology | 4 | 100% | 100% | 100% | 100% | 100% |
| Other Specialties | 10 | 100% | 89% | 89% | 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. 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 10 regarding tabulation of availability.

Table 24 -- VT Physician Assistants, 2010
Practice Availability by County

| County | Offices | Accept New Patients | Accept New Medicaid Patients | Accept New Medicare Patients |
|-------------------|---------|---------------------------|------------------------------------|------------------------------------|
| | | (%) | (%) | (%) |
| STATEWIDE TOTAL | | | | |
| Primary Care | 92 | 83% | 76% | 78% |
| Specialists | 85 | 99% | 93% | 96% |
| Addison County | | | | |
| Primary Care | 2 | 0% | 0% | 0% |
| Specialists | 3 | 100% | 100% | 100% |
| Bennington County | | | | |
| Primary Care | 2 | 50% | 50% | 0% |
| Specialists | 5 | 100% | 100% | 100% |
| Caledonia County | | | | |
| Primary Care | 3 | 67% | 67% | 67% |
| Specialists | 2 | 100% | 100% | 100% |
| Chittenden County | | | | |
| Primary Care | 18 | 83% | 72% | 76% |
| Specialists | 38 | 100% | 91% | 100% |
| Essex County | | | | |
| Primary Care | 5 | 80% | 80% | 80% |
| Specialists | 0 | | | |
| Franklin County | | | | |
| Primary Care | 9 | 88% | 88% | 88% |
| Specialists | 8 | 100% | 100% | 75% |
| Grand Isle County | | | | |
| Primary Care | 1 | 100% | 100% | 100% |
| Specialists | 6 | 100% | 100% | 100% |
| Orange County | | | | |
| Primary Care | 9 | 88% | 88% | 100% |
| Specialists | 2 | 100% | 100% | 100% |
| Orleans County | | | | |
| Primary Care | 4 | 100% | 100% | 100% |
| Specialists | 3 | 100% | 100% | 100% |
| Rutland County | | | | |
| Primary Care | 10 | 100% | 67% | 89% |
| Specialists | 8 | 88% | 88% | 88% |
| Washington County | | | | |
| Primary Care | 14 | 69% | 69% | 58% |
| Specialists | 5 | 100% | 75% | 75% |
| Windham County | | | | |
| Primary Care | 7 | 67% | 67% | 60% |
| Specialists | 1 | . | . | . |
| Windsor County | | | | |
| Primary Care | 8 | 100% | 88% | 88% |
| Specialists | 4 | 100% | 100% | 100% |

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, 2010
Plan to Retire, Leave, or Reduce Hours Within 5 Years

| Specialty | Total PAs | Plan to Retire or Leave VT | Plan to Reduce Hours |
|---------------------|--------------|----------------------------------|----------------------------|
| | | (%) | (%) |
| TOTAL | 202 | 7% | 8% |
| PRIMARY CARE | 83 | 11% | 6% |
| Family Practice | 60 | 14% | 3% |
| Internal Medicine | 11 | 0% | 11% |
| Ob/Gyn | 6 | 0% | 33% |
| Pediatrics | 6 | 17% | 0% |
| SPECIALTY CARE | 119 | 4% | 10% |
| Dermatology | 8 | 0% | 13% |
| Emergency Medicine | 40 | 8% | 15% |
| Internal Medicine | 11 | 0% | 0% |
| Surgery: General | 7 | 0% | 0% |
| Surgery: Orthopedic | 25 | 0% | 0% |
| Surgery: Other | 8 | 0% | 29% |
| Urology | 5 | 0% | 0% |
| Other Specialties | 15 | 13% | 13% |

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.

9 PAs (5%) 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, 2010
 PAs Planning To Retire Or Reduce Hours Within 5 Years

| | | |
|-----------------------------------|----|--------|
| TOTAL | 30 | (100%) |
| Main specialty: | | |
| Primary Care Total | 14 | (47%) |
| Family Practice | 10 | (33%) |
| Primary Care Internal Medicine | 1 | (3%) |
| Obstetrics and Gynecology | 2 | (7%) |
| Pediatrics | 1 | (3%) |
| Specialty Care Total | 16 | (53%) |
| Dermatology | 1 | (3%) |
| Emergency Medicine | 9 | (30%) |
| Psychiatry | 1 | (3%) |
| Surgery: Other | 2 | (7%) |
| Other Specialties | 3 | (10%) |
| Age groups: | | |
| younger than 35 | 6 | (20%) |
| 35 - 44 | 3 | (10%) |
| 45 - 54 | 4 | (13%) |
| 55 - 64 | 16 | (53%) |
| 65 and older | 1 | (3%) |
| Gender: | | |
| Male | 13 | (43%) |
| Female | 17 | (57%) |
| Current Patient care hours: | | |
| 40 or more hours/week | 13 | (43%) |
| 30 to 39 hours/week | 12 | (40%) |
| less than 30 hours/week | 5 | (17%) |
| Number of supervising physicians: | | |
| One | 2 | (7%) |
| Two | 9 | (32%) |
| Three | 2 | (7%) |
| Four or more | 15 | (54%) |
| unknown | 2 | |
| Number of practice sites: | | |
| One | 22 | (73%) |
| Two | 7 | (23%) |
| Three | 1 | (3%) |
| Four or more | 0 | (0%) |

Vermont Physician Assistants
by Health Related Geographical Regions

Table 27 -- VT Physician Assistants, 2010
 Numbers of PAs, Full Time Equivalent (FTEs), and
 Total Weekly Patient Care Hours, by Hospital Service Area

| | Count FTEs Hours | TOTAL | PRIMARY CARE TOTAL | SPECIALTY CARE TOTAL |
|-----------------|------------------------|----------------------|--------------------------|----------------------------|
| STATEWIDE TOTAL | | 202 172.8 7314 | 87 67.0 2749 | 124 105.7 4565 |
| Barre | | 22 15.5 622 | 14 10.4 414 | 9 5.2 208 |
| Bennington | | 9 6.1 244 | 3 2.1 84 | 6 4.0 160 |
| Brattleboro | | 10 6.9 275 | 5 3.7 148 | 5 3.2 127 |
| Burlington | | 77 62.8 2717 | 22 14.3 589 | 57 48.5 2128 |
| Middlebury | | 7 4.1 201 | 2 .9 39 | 6 3.2 162 |
| Morrisville | | 7 3.8 165 | | 7 3.8 165 |
| Newport | | 8 8.0 350 | 5 5.0 200 | 3 3.0 150 |
| Randolph | | 8 6.8 286 | 3 2.0 78 | 6 4.9 208 |
| Rutland | | 23 17.9 749 | 11 8.4 344 | 13 9.5 405 |
| Springfield | | 20 15.6 669 | 7 5.6 257 | 13 10.0 412 |
| St. Albans | | 19 13.1 542 | 9 8.3 341 | 11 4.8 201 |
| St. Johnsbury | | 5 4.6 197 | 3 2.6 103 | 2 2.0 94 |
| White River Jct | | 11 7.4 297 | 4 3.8 152 | 7 3.6 145 |

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, 2010
 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 | 87 67.0 2749 | 64 49.3 2014 | 11 9.4 387 | 6 4.4 179 | 6 3.9 169 |
| Barre | 14 10.4 414 | 11 8.5 342 | 1 .7 26 | 1 .5 22 | 1 .6 25 |
| Bennington | 3 2.1 84 | 2 1.1 44 | | | 1 1.0 40 |
| Brattleboro | 5 3.7 148 | 2 1.7 68 | 2 1.4 56 | | 1 .6 24 |
| Burlington | 22 14.3 589 | 13 8.5 344 | 2 2.0 79 | 5 3.1 126 | 2 .7 40 |
| Middlebury | 2 .9 39 | 2 .9 39 | | | |
| Newport | 5 5.0 200 | 4 4.0 160 | 1 1.0 40 | | |
| Randolph | 3 2.0 78 | 2 1.0 38 | 1 1.0 40 | | |
| Rutland | 11 8.4 344 | 11 8.4 344 | | | |
| Springfield | 7 5.6 257 | 4 3.1 147 | 3 2.5 110 | | |
| St. Albans | 9 8.3 341 | 7 6.7 274 | 1 .9 36 | 1 .8 31 | |
| St. Johnsbury | 3 2.6 103 | 3 2.6 103 | | | |
| White River Jct | 4 3.8 152 | 3 2.8 112 | | | 1 1.0 40 |

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, 2010
 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 | 124 106 4565 | 8 7.9 328 | 49 32.4 1344 | 11 9.6 407 | 9 6.4 274 | 27 23.5 1025 | 8 6.9 311 | 5 4.9 292 | 17 14.2 585 |
| Barre | 9 5.2 208 | | 4 2.2 88 | 1 1.0 39 | 2 .1 4 | 1 .8 32 | 1 .1 4 | | 2 1.0 41 |
| Bennington | 6 4.0 160 | | 1 .2 8 | 2 1.0 40 | | 2 1.8 72 | | | 1 1.0 40 |
| Brattleboro | 5 3.2 127 | | 4 2.4 97 | | | | | | 1 .8 30 |
| Burlington | 57 48.5 2128 | 7 6.8 285 | 15 10.3 443 | 3 2.8 114 | 3 3.0 130 | 10 9.3 402 | 7 6.0 277 | 4 2.9 179 | 8 7.4 299 |
| Middlebury | 6 3.2 162 | | 4 .8 32 | | | 2 2.0 81 | | 1 .5 49 | |
| Morrisville | 7 3.8 165 | 1 <.05 2 | 2 1.0 40 | | | 2 2.0 88 | | 1 .4 20 | 1 .4 15 |
| Newport | 3 3.0 150 | | | | | 2 2.0 110 | | | 1 1.0 40 |
| Randolph | 6 4.9 208 | | | 3 2.5 114 | 1 1.0 40 | | 1 .5 20 | 1 .9 34 | |
| Rutland | 13 9.5 405 | | 4 2.2 95 | 3 1.3 51 | | 4 4.0 165 | | | 2 2.0 93 |
| Springfield | 13 10.0 412 | 1 1.0 39 | 10 7.0 281 | 1 1.0 49 | | 1 1.0 43 | | | |
| St. Albans | 11 4.8 201 | 1 <.05 2 | 6 3.0 128 | | 1 1.0 40 | | | 2 .2 10 | 1 .5 21 |
| St. Johnsbury | 2 2.0 94 | | 2 .4 20 | | 2 1.3 60 | 2 .3 14 | | | |
| White River Jct | 7 3.6 145 | | 5 2.8 113 | | | 1 .4 17 | 1 .3 10 | | 1 .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 (see Note 4).

Table 30 -- VT Physician Assistants, 2010
 Primary Care Provider FTE to Population Ratios
 by Hospital Service Area

| HSA | FTEs | 2009 Population | FTEs per 100,000 | Population per FTE |
|-----------------|-------|--------------------|---------------------|-----------------------|
| STATEWIDE TOTAL | 67.03 | 621,760 | 10.78 | 9,275 |
| Barre | 10.36 | 66,095 | 15.67 | 6,381 |
| Bennington | 2.10 | 40,063 | 5.25 | 19,040 |
| Brattleboro | 3.70 | 31,517 | 11.74 | 8,518 |
| Burlington | 14.27 | 171,735 | 8.31 | 12,032 |
| Middlebury | .90 | 28,299 | 3.18 | 31,443 |
| Morrisville | .00 | 27,980 | .00 | . |
| Newport | 5.00 | 28,532 | 17.52 | 5,706 |
| Randolph | 1.95 | 14,471 | 13.48 | 7,421 |
| Rutland | 8.42 | 63,819 | 13.20 | 7,578 |
| Springfield | 5.63 | 28,193 | 19.95 | 5,012 |
| St. Albans | 8.33 | 45,141 | 18.46 | 5,417 |
| St. Johnsbury | 2.57 | 27,382 | 9.37 | 10,673 |
| White River Jct | 3.80 | 48,533 | 7.84 | 12,758 |

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 2009
 (see Note 7).

For a map of the service areas, see Appendix E.

Table 31 -- VT Physician Assistants, 2010
 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 | | 202 | 87 | 124 |
| | | 172.8 | 67.0 | 105.7 |
| | | 7314 | 2749 | 4565 |
| Champlain Valley | | 98 | 32 | 70 |
| | | 80.0 | 23.5 | 56.5 |
| | | 3460 | 968 | 2492 |
| Northeast VT | | 51 | 27 | 26 |
| | | 40.1 | 21.7 | 18.4 |
| | | 1672 | 867 | 805 |
| Southern VT | | 63 | 28 | 38 |
| | | 52.6 | 21.9 | 30.8 |
| | | 2182 | 914 | 1268 |

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

Table 32 -- VT Physician Assistants, 2010
 Numbers of Primary Care Providers, Full Time Equivalent (FTEs),
 and Total Weekly Patient Care Hours, by AHEC Region

| Count FTEs Hours | PRIMARY CARE TOTAL | FAMILY | INTERNAL | OB/GYN | PEDIATRIC |
|------------------------|--------------------------|--------------------|------------------|-----------------|-----------------|
| STATEWIDE TOTAL | 87 67.0 2749 | 64 49.3 2014 | 11 9.4 387 | 6 4.4 179 | 6 3.9 169 |
| Champlain Valley | 32 23.5 968 | 22 16.1 656 | 3 2.9 115 | 5 3.9 157 | 2 .7 40 |
| Northeast VT | 27 21.7 867 | 21 16.9 674 | 3 2.7 106 | 1 .5 22 | 2 1.6 65 |
| Southern VT | 28 21.9 914 | 21 16.4 684 | 5 3.9 166 | . . . | 2 1.6 64 |

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

Table 33 -- VT Physician Assistants, 2010
 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 | 124 | 8 | 49 | 11 | 9 | 27 | 8 | 5 | 17 |
| | 105.7 | 7.9 | 32.4 | 9.6 | 6.4 | 23.5 | 6.9 | 4.9 | 14.2 |
| | 4565 | 328 | 1344 | 407 | 274 | 1025 | 311 | 292 | 585 |
| Champlain Valley | 70 | 7 | 25 | 3 | 4 | 12 | 7 | 4 | 9 |
| | 56.5 | 6.9 | 14.1 | 2.8 | 4.0 | 11.2 | 6.0 | 3.6 | 7.9 |
| | 2492 | 287 | 603 | 114 | 170 | 483 | 277 | 238 | 321 |
| Northeast VT | 26 | 1 | 8 | 4 | 5 | 7 | 1 | 2 | 4 |
| | 18.4 | <.05 | 3.6 | 3.5 | 2.4 | 5.1 | .1 | 1.3 | 2.4 |
| | 805 | 2 | 148 | 153 | 104 | 244 | 4 | 54 | 96 |
| Southern VT | 38 | 1 | 20 | 4 | . | 8 | 1 | . | 5 |
| | 30.8 | 1.0 | 14.7 | 3.3 | . | 7.2 | .8 | . | 3.9 |
| | 1268 | 39 | 593 | 140 | . | 298 | 30 | . | 168 |

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

Table 34 -- VT Physician Assistants, 2010
 Primary Care Provider FTE to Population Ratios by AHEC Region

| AHEC region | FTEs | 2009 Population | FTEs per 100,000 | Population per FTE |
|------------------|-------|--------------------|---------------------|-----------------------|
| STATEWIDE TOTAL | 67.03 | 621,760 | 10.78 | 9,275 |
| Champlain Valley | 23.51 | 244,815 | 9.60 | 10,415 |
| Northeast VT | 21.68 | 177,497 | 12.21 | 8,188 |
| Southern VT | 21.85 | 199,448 | 10.96 | 9,128 |

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 2009
 (see note 7).

Table 35 -- VT Physician Assistants, 2010
 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 | | 202 172.8 7314 | 87 67.0 2749 | 124 105.7 4565 |
| Barre | | 22 15.5 622 | 14 10.4 414 | 9 5.2 208 |
| Bennington | | 7 5.8 232 | 2 2.0 80 | 5 3.8 152 |
| Brattleboro | | 12 7.2 287 | 6 3.8 152 | 6 3.4 135 |
| Burlington | | 76 62.1 2692 | 21 13.6 564 | 57 48.5 2128 |
| Middlebury | | 7 4.1 201 | 2 .9 39 | 6 3.2 162 |
| Morrisville | | 7 3.8 165 | | 7 3.8 165 |
| Newport | | 8 8.0 350 | 5 5.0 200 | 3 3.0 150 |
| Rutland | | 23 17.9 749 | 11 8.4 344 | 13 9.5 405 |
| Springfield | | 22 18.9 800 | 7 5.6 257 | 15 13.3 542 |
| St. Albans | | 20 13.8 567 | 10 9.0 366 | 11 4.8 201 |
| St. Johnsbury | | 6 5.0 213 | 4 3.0 119 | 2 2.0 94 |
| Wht Rvr Jct | | 12 10.6 437 | 7 5.4 214 | 6 5.2 223 |

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, 2010
 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 | 87 67.0 2749 | 64 49.3 2014 | 11 9.4 387 | 6 4.4 179 | 6 3.9 169 |
| Barre | 14 10.4 414 | 11 8.5 342 | 1 .7 26 | 1 .5 22 | 1 .6 25 |
| Bennington | 2 2.0 80 | 1 1.0 40 | | | 1 1.0 40 |
| Brattleboro | 6 3.8 152 | 3 1.8 72 | 2 1.4 56 | | 1 .6 24 |
| Burlington | 21 13.6 564 | 12 7.8 319 | 2 2.0 79 | 5 3.1 126 | 2 .7 40 |
| Middlebury | 2 .9 39 | 2 .9 39 | | | |
| Morrisville | | | | | |
| Newport | 5 5.0 200 | 4 4.0 160 | 1 1.0 40 | | |
| Rutland | 11 8.4 344 | 11 8.4 344 | | | |
| Springfield | 7 5.6 257 | 4 3.1 147 | 3 2.5 110 | | |
| St. Albans | 10 9.0 366 | 8 7.3 299 | 1 .9 36 | 1 .8 31 | |
| St. Johnsbury | 4 3.0 119 | 4 3.0 119 | | | |
| Wht Rvr Jct | 7 5.4 214 | 5 3.4 134 | 1 1.0 40 | | 1 1.0 40 |

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, 2010
 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 | 124 106 4565 | 8 7.9 328 | 49 32.4 1344 | 11 9.6 407 | 9 6.4 274 | 27 23.5 1025 | 8 6.9 311 | 5 4.9 292 | 17 14.2 585 |
| Barre | 9 5.2 208 | | 4 2.2 88 | 1 1.0 39 | 2 .1 4 | 1 .8 32 | 1 .1 4 | | 2 1.0 41 |
| Bennington | 5 3.8 152 | | | 2 1.0 40 | | 2 1.8 72 | | | 1 1.0 40 |
| Brattleboro | 6 3.4 135 | | 5 2.6 105 | | | | | | 1 .8 30 |
| Burlington | 57 48.5 2128 | 7 6.8 285 | 15 10.3 443 | 3 2.8 114 | 3 3.0 130 | 10 9.3 402 | 7 6.0 277 | 4 2.9 179 | 8 7.4 299 |
| Middlebury | 6 3.2 162 | | 4 .8 32 | | | 2 2.0 81 | | 1 .5 49 | |
| Morrisville | 7 3.8 165 | 1 <.05 2 | 2 1.0 40 | | | 2 2.0 88 | | 1 .4 20 | 1 .4 15 |
| Newport | 3 3.0 150 | | | | | 2 2.0 110 | | | 1 1.0 40 |
| Rutland | 13 9.5 405 | | 4 2.2 95 | 3 1.3 51 | | 4 4.0 165 | | | 2 2.0 93 |
| Springfield | 15 13.3 542 | 1 1.0 39 | 11 9.8 394 | 1 1.0 49 | | 2 1.4 61 | | | |
| St. Albans | 11 4.8 201 | 1 <.05 2 | 6 3.0 128 | | 1 1.0 40 | | | 2 .2 10 | 1 .5 21 |
| St. Johnsbury | 2 2.0 94 | | 2 .4 20 | | 2 1.3 60 | 2 .3 14 | | | |
| Wht Rvr Jct | 6 5.2 223 | | | 3 2.5 114 | 1 1.0 40 | | 1 .8 30 | 1 .9 34 | 1 .1 5 |

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, 2010
 Primary Care Provider FTE to Population Ratios
 by Local Health District

| District | FTEs | 2009 Population | FTEs per 100,000 | Population per FTE |
|-----------------|-------|--------------------|---------------------|-----------------------|
| STATEWIDE TOTAL | 67.03 | 621,760 | 10.78 | 9,275 |
| Barre | 10.36 | 65,605 | 15.79 | 6,334 |
| Bennington | 2.00 | 36,411 | 5.49 | 18,206 |
| Brattleboro | 3.80 | 35,711 | 10.65 | 9,387 |
| Burlington | 13.65 | 152,301 | 8.96 | 11,159 |
| Middlebury | .90 | 36,557 | 2.46 | 40,619 |
| Morrisville | .00 | 32,007 | .00 | . |
| Newport | 5.00 | 28,532 | 17.52 | 5,706 |
| Rutland | 8.42 | 63,229 | 13.32 | 7,508 |
| Springfield | 5.63 | 33,613 | 16.73 | 5,976 |
| St. Albans | 8.96 | 55,742 | 16.07 | 6,222 |
| St. Johnsbury | 2.97 | 33,482 | 8.86 | 11,290 |
| Wht Rvr Jct | 5.35 | 48,570 | 11.02 | 9,071 |

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 2009
 (see note 7).

For a map of the districts, see Appendix F.

Table 39 -- VT Physician Assistants, 2010
 Numbers of Primary Care Physician Assistants, and
 Full Time Equivalents (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 | 87 | 64 | 11 | 6 | 6 |
| Bennington | 2 | 1 | . | . | 1 |
| Bradford | 2 | 1 | . | . | 1 |
| Brattleboro | 4 | 1 | 2 | . | 1 |
| Brighton | 1 | . | 1 | . | . |
| Burlington | 18 | 10 | 1 | 5 | 2 |
| Castleton | 2 | 2 | . | . | . |
| Chelsea / Corinth | 2 | 2 | . | . | . |
| Enosburg | 3 | 3 | . | . | . |
| Essex/Williston | 4 | 3 | 1 | . | . |
| Hartford | 1 | 1 | . | . | . |
| Ludlow | 3 | 3 | . | . | . |
| Middlebury | 1 | 1 | . | . | . |
| Milton / South Hero | 1 | 1 | . | . | . |
| Montpelier/Barre/Berlin | 14 | 11 | 1 | 1 | 1 |
| Newport | 4 | 4 | . | . | . |
| Pawlet | 1 | 1 | . | . | . |
| Randolph | 3 | 2 | 1 | . | . |
| Rockingham | 1 | 1 | . | . | . |
| Rutland | 8 | 8 | . | . | . |
| Springfield | 3 | . | 3 | . | . |
| St Albans | 6 | 4 | 1 | 1 | . |
| St Johnsbury | 3 | 3 | . | . | . |
| Townshend | 1 | 1 | . | . | . |
| Vergennes | 1 | 1 | . | . | . |
| Wilmington | 1 | 1 | . | . | . |
| Woodstock | 1 | 1 | . | . | . |
| Out Of State Care | 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, 2010
 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 | 67.0 | 49.3 | 9.4 | 4.4 | 3.9 |
| Bennington | 2.0 | 1.0 | . | . | 1.0 |
| Bradford | 1.8 | .8 | . | . | 1.0 |
| Brattleboro | 2.8 | .8 | 1.4 | . | .6 |
| Brighton | 1.0 | . | 1.0 | . | . |
| Burlington | 10.6 | 5.8 | 1.0 | 3.1 | .7 |
| Castleton | 2.0 | 2.0 | . | . | . |
| Chelsea / Corinth | .8 | .8 | . | . | . |
| Enosburg | 2.9 | 2.9 | . | . | . |
| Essex/Williston | 3.1 | 2.1 | 1.0 | . | . |
| Hartford | 1.0 | 1.0 | . | . | . |
| Ludlow | 2.1 | 2.1 | . | . | . |
| Middlebury | .8 | .8 | . | . | . |
| Milton / South Hero | .6 | .6 | . | . | . |
| Montpelier/Barre/Berlin | 10.4 | 8.5 | .7 | .5 | .6 |
| Newport | 4.0 | 4.0 | . | . | . |
| Pawlet | .9 | .9 | . | . | . |
| Randolph | 1.2 | .2 | 1.0 | . | . |
| Rockingham | 1.0 | 1.0 | . | . | . |
| Rutland | 5.5 | 5.5 | . | . | . |
| Springfield | 2.5 | . | 2.5 | . | . |
| St Albans | 5.4 | 3.8 | .9 | .8 | . |
| St Johnsbury | 2.2 | 2.2 | . | . | . |
| Townshend | .9 | .9 | . | . | . |
| Vergennes | .1 | .1 | . | . | . |
| Wilmington | .1 | .1 | . | . | . |
| Woodstock | 1.0 | 1.0 | . | . | . |
| Out Of State Care | .3 | .3 | . | . | . |

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

**Vermont Physician Assistants
Comparison Between 2008 and 2010**

Table 40 -- VT PAs, 2008 and 2010
 Changes in Number of PAs, Patient Care Hours
 and Specialties, between 2008 and 2010

| | 2008 | 2010 | Change | |
|---------------------------|------|------|--------|-------|
| TOTAL | 191 | 202 | +11 | +6% |
| Main specialty: | | | | |
| Primary Care Total | 85 | 83 | -2 | -2% |
| Family Practice | 58 | 60 | +2 | +3% |
| Internal Medicine | 15 | 11 | -4 | -27% |
| Ob/Gyn | 9 | 6 | -3 | -33% |
| Pediatrics | 3 | 6 | +3 | +100% |
| Specialty Care Total | 106 | 119 | +13 | +12% |
| Dermatology | 8 | 8 | 0 | 0% |
| Emergency Medicine | 35 | 40 | +5 | +14% |
| Internal Medicine | 9 | 11 | +2 | +22% |
| Psychiatry | 0 | 3 | +3 | . |
| Radiology | 0 | 3 | +3 | . |
| Surgery: General | 3 | 7 | +4 | +133% |
| Surgery: Orthopedic | 23 | 25 | +2 | +9% |
| Surgery: Other | 8 | 8 | 0 | 0% |
| Urology | 4 | 5 | +1 | +25% |
| Other Specialties | 16 | 9 | -7 | -44% |
| Age groups: | | | | |
| younger than 35 | 29 | 36 | +7 | +24% |
| 35 - 44 | 67 | 66 | -1 | -1% |
| 45 - 54 | 48 | 53 | +5 | +10% |
| 55 - 64 | 47 | 46 | -1 | -2% |
| 65 and older | 0 | 1 | +1 | . |
| Gender: | | | | |
| Male | 81 | 80 | -1 | -1% |
| Female | 110 | 122 | +12 | +11% |
| Patient care hours: | | | | |
| 40 or more hours/week | 115 | 119 | +4 | +3% |
| 30 to under 40 hours/week | 30 | 41 | +11 | +37% |
| less than 30 hours/week | 46 | 42 | -4 | -9% |

Table 41 -- VT PAs, 2008 and 2010
Full Time Equivalents (FTEs) by County

| PRIMARY CARE: | 2008 | 2010 | Change |
|-------------------|-------|-------|--------|
| | <hr/> | <hr/> | <hr/> |
| STATEWIDE TOTAL | 64.8 | 67.0 | +2.2 |
| Addison County | .9 | .9 | . |
| Bennington County | 3.9 | 2.0 | -1.9 |
| Caledonia County | 2.0 | 1.2 | -.8 |
| Chittenden County | 15.6 | 13.6 | -2.0 |
| Essex County | 1.0 | 2.4 | +1.4 |
| Franklin County | 8.6 | 8.0 | -.6 |
| Grand Isle County | .8 | 1.0 | +.2 |
| Lamoille County | . | . | . |
| Orange County | 2.6 | 3.8 | +1.2 |
| Orleans County | 3.9 | 4.0 | +.1 |
| Rutland County | 8.0 | 8.4 | +.4 |
| Washington County | 8.6 | 10.4 | +1.8 |
| Windham County | 3.6 | 4.8 | +1.2 |
| Windsor County | 5.3 | 6.6 | +1.3 |
| | | | |
| SPECIALTY CARE: | 2008 | 2010 | Change |
| | <hr/> | <hr/> | <hr/> |
| STATEWIDE TOTAL | 93.9 | 105.7 | +11.8 |
| Addison County | 2.9 | 3.2 | +.3 |
| Bennington County | 3.4 | 3.8 | +.4 |
| Caledonia County | 3.1 | 2.0 | -1.1 |
| Chittenden County | 43.4 | 48.5 | +5.1 |
| Essex County | . | . | . |
| Franklin County | 1.1 | 4.8 | +3.7 |
| Grand Isle County | . | . | . |
| Lamoille County | 2.7 | 3.8 | +1.1 |
| Orange County | 2.9 | 4.4 | +1.5 |
| Orleans County | 1.3 | 3.0 | +1.7 |
| Rutland County | 7.4 | 9.5 | +2.1 |
| Washington County | 5.5 | 5.2 | -.3 |
| Windham County | 4.8 | 3.4 | -1.4 |
| Windsor County | 15.4 | 14.1 | -1.3 |

Appendices

Appendix A. General Notes and Terms

Definition of Active Physician Assistant

A physician assistant (PA) who was relicensed for the period 2010-2011 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 in Vermont 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 1/31/2010, based on the date of birth. For example, a PA born during January 1960, or on any date in 1959 after January, is considered 50 years old. Tables that refer to age in 2008 are based on ages as of 1/31/2008.

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

Population estimates are for July 1, 2009, as released by the Census Bureau. At this time the 2010 census is not yet available.

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 questions whether they accept new patients (“availability”) 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 and 2008 surveys, only office-based settings were counted for this purpose. 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 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.



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Appendix C: Census of Physician Assistants - 2010

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

INSTRUCTIONS

Fill in checkbubbles completely.
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

24190





Census of Physician Assistants - 2010

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

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 style="width: 30px; height: 20px;" type="text"/> | <input style="width: 30px; height: 20px;" type="text"/> | <input style="width: 30px; height: 20px;" type="text"/> |

Primary Specialty (at each site):

(specialty name, if code not found):

| | | |
|---|---|---|
| <input style="width: 60px; height: 20px;" type="text"/> | <input style="width: 60px; height: 20px;" type="text"/> | <input style="width: 60px; height: 20px;" type="text"/> |
|---|---|---|

HOURS per week in Primary Specialty:

| | | |
|---|---|---|
| <input style="width: 30px; height: 20px;" type="text"/> | <input style="width: 30px; height: 20px;" type="text"/> | <input style="width: 30px; height: 20px;" type="text"/> |
|---|---|---|

Secondary Specialty, if any:

| | | |
|---|---|---|
| <input style="width: 60px; height: 20px;" type="text"/> | <input style="width: 60px; height: 20px;" type="text"/> | <input style="width: 60px; height: 20px;" type="text"/> |
|---|---|---|

Hours per week in Secondary Specialty:

| | | |
|---|---|---|
| <input style="width: 30px; height: 20px;" type="text"/> | <input style="width: 30px; height: 20px;" type="text"/> | <input style="width: 30px; height: 20px;" type="text"/> |
|---|---|---|

Tertiary Specialty, if any:

| | | |
|---|---|---|
| <input style="width: 60px; height: 20px;" type="text"/> | <input style="width: 60px; height: 20px;" type="text"/> | <input style="width: 60px; height: 20px;" type="text"/> |
|---|---|---|

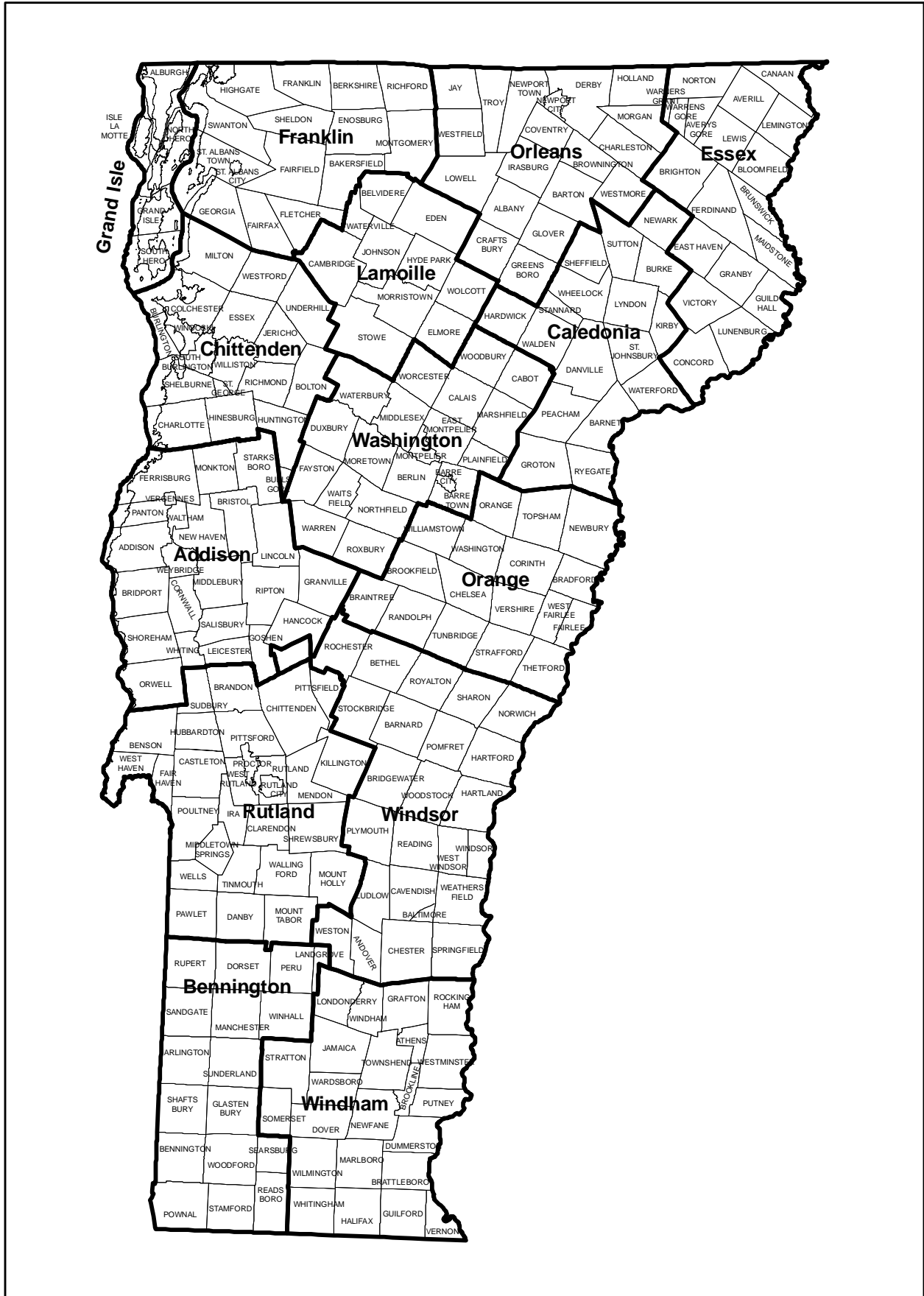
Hours per week in Tertiary Specialty:

| | | |
|---|---|---|
| <input style="width: 30px; height: 20px;" type="text"/> | <input style="width: 30px; height: 20px;" type="text"/> | <input style="width: 30px; height: 20px;" type="text"/> |
|---|---|---|

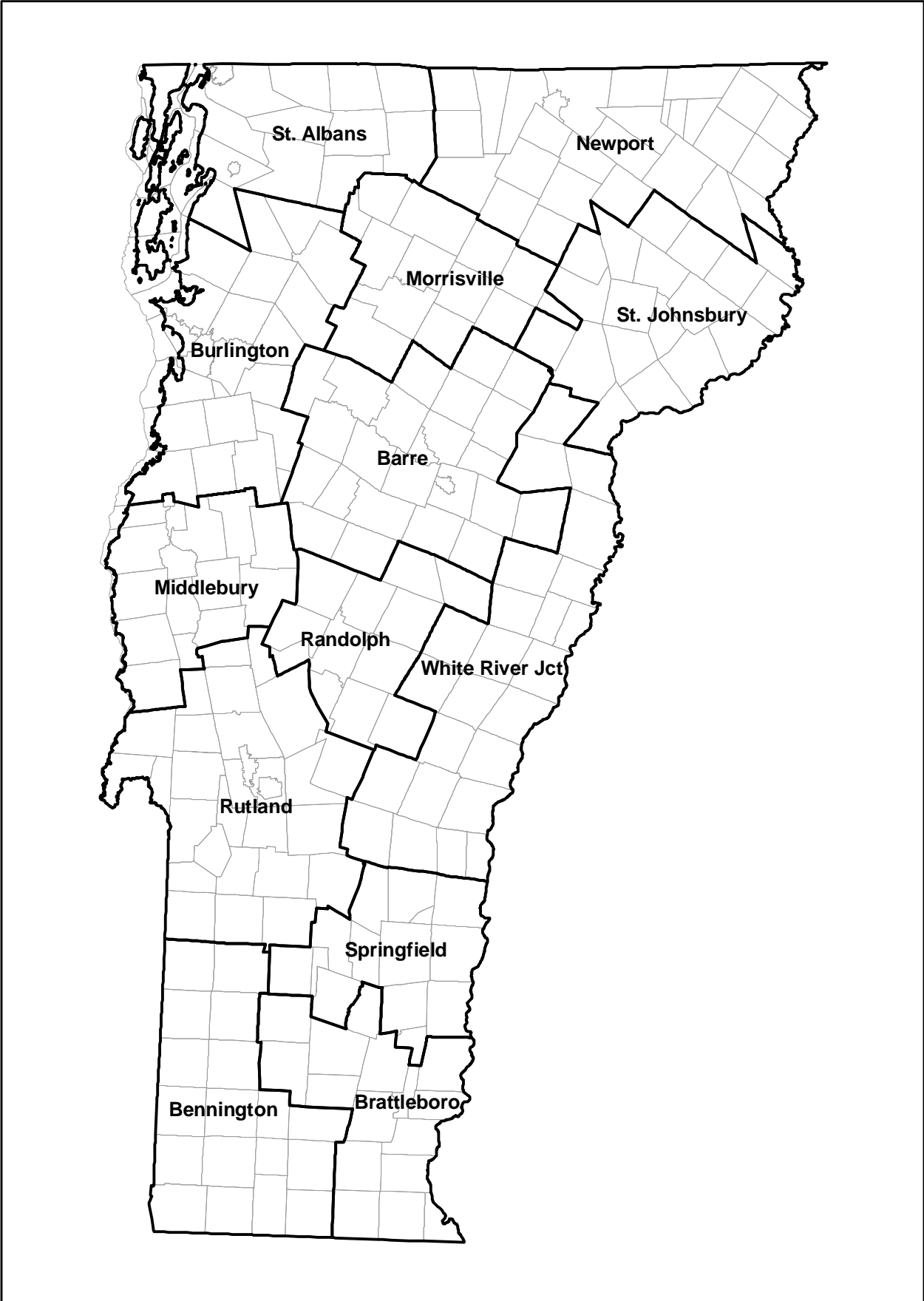
9. Please mark each box that applies:

| | SITE 1 | | SITE 2 | | SITE 3 | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | yes | no | yes | no | yes | no |
| I will accept new patients here | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I participate in Medicaid here | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I will accept new Medicaid patients here | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I participate in Medicare here | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I will accept new Medicare patients here | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I work as a locum tenens here | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

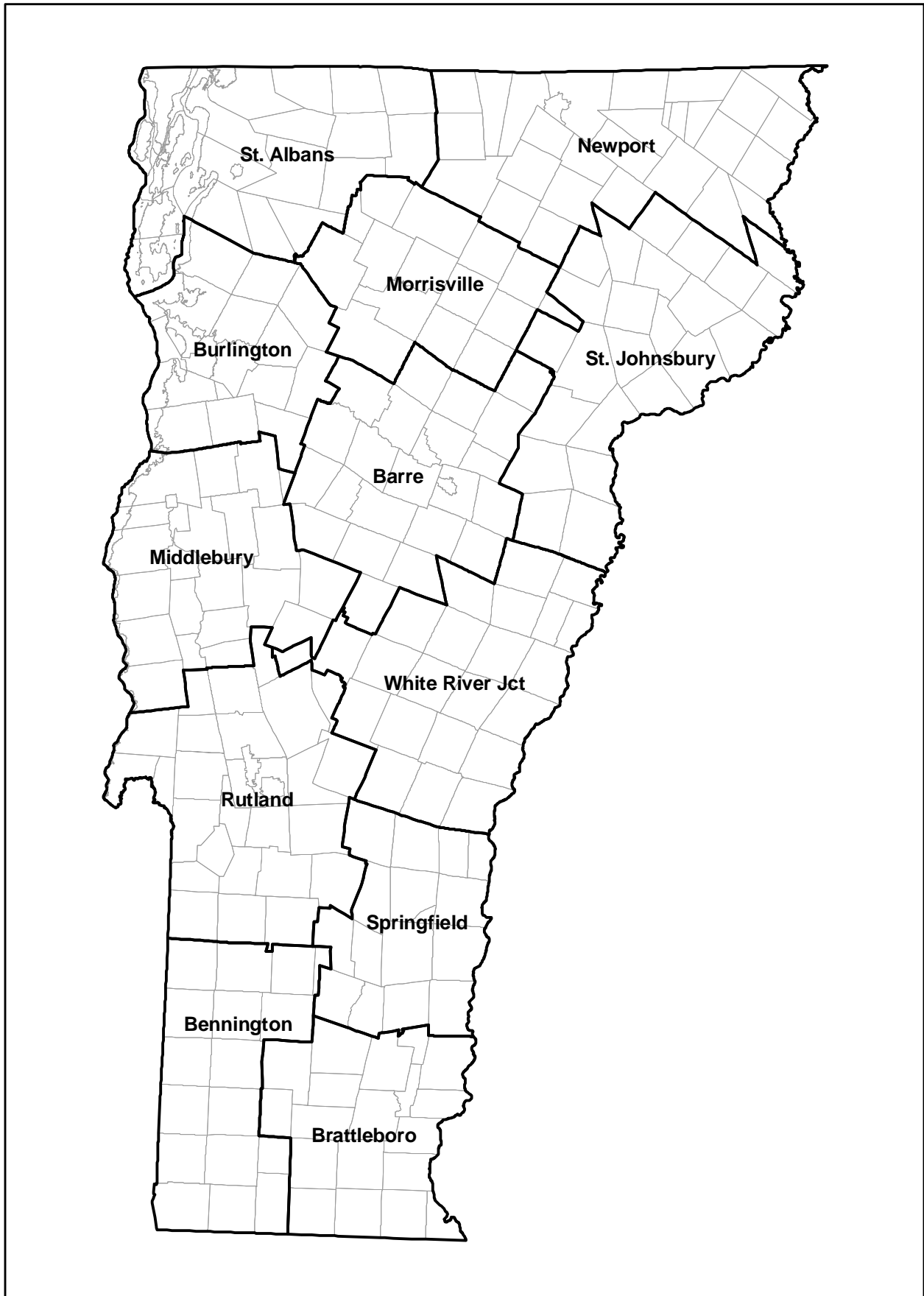
Appendix D: Vermont Counties and Towns



Appendix E: Hospital Service Areas



Appendix F: Local Health Districts



Appendix G: Rational Service Areas

