

Vermont Department of Health

**ADVANCED PRACTICE
REGISTERED NURSES**

2002 Survey

Statistical Report

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2002 Survey

Statistical Report

State of Vermont
James Douglas, Governor

Agency of Human Services
Charles Smith, Secretary

Department of Health
Dr. Paul Jarris, MD, MBA, Commissioner

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Acknowledgments

We wish to express our appreciation to all the Advanced Practice Registered Nurses 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 Advanced Practice Registered Nurses practicing in Vermont as of the Fall of 2002; these data can be used as the basis for policy analysis, shortage area designations, and recruitment and retention activities.

This is the second survey of APRNs. Information on APRNs who practice in Vermont will be updated every two years. Results from the 2000 survey are also currently available. Similar data are collected from some additional health professionals, including physicians and physician assistants. Results from some of these surveys are available on the Department of Health web site, <http://www.healthyvermonters.info> – look under “publications”.

Data Collection: In October of 2002 a survey was mailed to all actively licensed APRNs. A copy of this survey is included in the Appendix. The surveys that were returned were compared against the original mailing list. Follow-up mailings and phone calls were then made to those APRNs residing in Vermont, or a neighboring state, who did not return a survey, to determine if they were seeing patients in Vermont, and if so, to complete the survey.

APRNs were relicensed as of March 30, 2003. The names of those who did not respond to the survey were compared to those who relicensed. Those individuals who did not renew their license were dropped from our list. Responses were received from 453 of 499 licensed APRNs. Two APRNs refused to complete the survey, and one could not be reached. The other non-respondents were either known to be retired, or were not residing in Vermont or a neighboring state. Of those responding, 354 were providing patient care in Vermont. The tables presented in this report are based on these 354 active respondents.

Limitations: Responses were not obtained for 3 individuals, and therefore it's unknown whether they were providing patient care in Vermont. This should not affect results such as demographics, educational training, etc. However if any of the non-responding individuals are providing patient care, the analysis of full time equivalents will be a slight undercount.

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 are 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 by calling or writing the Department of Health, Public Health Statistics, P.O. Box 70, Burlington, VT 05402, tel. (802) 863-7300 or (800) 869-2871.

Summary

- This report includes data reported by 354 APRNs providing patient care in Vermont.
- 71% of APRNs are Nurse Practitioners, the rest are evenly divided between Certified Nurse Midwives, Clinical Nurse Specialists, and Certified RN Anesthetists.
- 224 (63%) of APRNs are mainly involved in primary care:
 - 52 Adult practice
 - 72 Family practice
 - 4 Gerontology
 - 28 Midwifery
 - 46 Obstetrics and Gynecology
 - 22 Pediatric Primary Care
- 130 (37%) of APRNs are mainly involved in specialty care:
 - 9 Acute Care
 - 34 Anesthesiology
 - 4 Medical/Surgical
 - 37 Mental Health
 - 5 School
 - 41 other specialties
- The 354 APRNs represent the equivalent of 250.8 full-time providers (FTEs, defined as 40 or more hours of patient care, 48 weeks/year). This includes 150.8 FTEs in primary care and 100.0 FTEs in specialty care.
- Ages range from 27 to 81 with median age of 48. Of the 353 APRNs with known age, 57 are over age 55, of which 21 are over 60. Years worked in Vermont ranges from 0 to over 20 with median of 7. 5% plan to retire or reduce hours within a year.
- 322 (91%) of the 338 APRNs are women. 67% of the women, but only 22% of the men, practice primary care. (50% of the men practice in anesthesiology.)
- Most APRNs work in a physician/APRN group setting (34%), a hospital-based setting (33%), or a community health center (17%).
- 33% of all APRNs work full-time (40 hours or more):
 - 29% of those who practice primary care, 42% of specialty care
 - 75% of men, 29% of women
 - another 24% work between 30 and 40 hours per week
- 14% of the APRNs have hospital admitting privileges, and 93% have prescriptive authority.
- 72% of the APRNs have MSN degrees.
- Between 2000 and 2002:
 - The number of APRNs increased by 16 (5%). Primary care gained a net of 3 APRNs, with larger gains in family care and OB/GYN, and losses in adult, gerontological and pediatric care. Specialty care gained 13 APRNs (11%).
 - In 2002, there were 23 more APRNs in the 45-54 age group than in 2000, while the 35-44 age group declined by 16. This is on top of a similar shift between 1998 and 2000.

Vermont Advanced Practice Registered Nurses

Demographic Characteristics

Table 1 -- VT Advanced Practice Nurses, 2002
Summary of Active Providers

TOTAL	354	
Type of APRN: (each APRN may report more than one type)		
Nurse Practitioner (NP)	253	(71%)
Certified Nurse Midwife (CNM)	42	(12%)
Clinical Nurse Specialist (CNS)	41	(12%)
Certified RN Anesthetist (CRNA)	34	(10%)
Age groups:		
Younger than 35	28	(8%)
35 - 44	75	(21%)
45 - 54	193	(55%)
55 - 64	49	(14%)
65 and older	8	(2%)
Unknown *	1	
Gender:		
Male	32	(9%)
Female	322	(91%)
Patient care hours:		
40 or more hours/week	118	(33%)
30 to under 40 hours/week	84	(24%)
20 to under 30 hours/week	66	(19%)
Less than 20 hours/week	86	(24%)
Number of practice sites:		
One	290	(82%)
Two	51	(14%)
Three or more	13	(4%)
Main specialty:		
Primary Care Total	224	(63%)
Adult	52	(15%)
Family	72	(20%)
Gerontology	4	(1%)
Midwifery	28	(8%)
Ob/Gyn	46	(13%)
Pediatrics	22	(6%)
Specialty Care Total	130	(37%)
Acute Care	9	(3%)
Anesthesiology	34	(10%)
Medical/Surgical	4	(1%)
Mental Health	37	(10%)
School	5	(1%)
Other Specialties	41	(12%)

* Denominators for percentages do not include unknowns.

Table 2 -- VT Advanced Practice Nurses, 2002
Separate Summaries by APN Type

APRN type *	NP	CNM	CNS	CRNA	TOTAL
	-----	-----	-----	-----	-----
TOTAL	253 (100%)	42 (100%)	41 (100%)	34 (100%)	354 (100%)
Age groups:					
younger than 35	23 (9%)	4 (10%)	1 (2%)	2 (6%)	28 (8%)
35 - 44	49 (19%)	13 (31%)	4 (10%)	11 (33%)	75 (21%)
45 - 54	140 (55%)	22 (52%)	28 (68%)	13 (39%)	193 (55%)
55 - 64	37 (15%)	3 (7%)	5 (12%)	6 (18%)	49 (14%)
65 and older	4 (2%)	0 (0%)	3 (7%)	1 (3%)	8 (2%)
Gender:					
Male	14 (6%)	0 (0%)	4 (10%)	16 (47%)	32 (9%)
Female	239 (94%)	42 (100%)	37 (90%)	18 (53%)	322 (91%)
Patient care hours:					
40 or more hours/week	76 (30%)	19 (45%)	11 (27%)	20 (59%)	118 (33%)
30 to under 40 hrs/wk	65 (26%)	8 (19%)	9 (22%)	5 (15%)	84 (24%)
20 to under 30 hrs/wk	48 (19%)	8 (19%)	8 (20%)	3 (9%)	66 (19%)
less than 20 hrs/wk	64 (25%)	7 (17%)	13 (32%)	6 (18%)	86 (24%)
Number of practice sites:					
One	210 (83%)	31 (74%)	32 (78%)	31 (91%)	290 (82%)
Two	37 (15%)	8 (19%)	5 (12%)	3 (9%)	51 (14%)
Three or more	6 (2%)	3 (7%)	4 (10%)	0 (0%)	13 (4%)
Main specialty:					
Primary Care Total	185 (73%)	40 (95%)	4 (10%)	. .	224 (63%)
Adult	52 (21%)	. .	2 (5%)	. .	52 (15%)
Family	72 (28%)	1 (2%)	. .	. .	72 (20%)
Gerontology	3 (1%)	. .	1 (2%)	. .	4 (1%)
Midwifery	1 (0%)	28 (67%)	. .	. .	28 (8%)
Ob/Gyn	36 (14%)	11 (26%)	. .	. .	46 (13%)
Pediatrics	21 (8%)	. .	1 (2%)	. .	22 (6%)
Specialty Care Total	68 (27%)	2 (5%)	37 (90%)	34 (100%)	130 (37%)
Acute Care	9 (4%)	. .	. .	. .	9 (3%)
Anesthesiology	1 (0%)	. .	. .	34 (100%)	34 (10%)
Medical/Surgical	4 (2%)	. .	. .	. .	4 (1%)
Mental Health	9 (4%)	. .	34 (83%)	. .	37 (10%)
School	5 (2%)	. .	. .	. .	5 (1%)
Other Specialties	40 (16%)	2 (5%)	3 (7%)	. .	41 (12%)

* Note: each APRN may report more than one type, thus may be counted in more than one column in this table. The "Total" column counts each APRN only once. Percentages displayed are within each column.

NP = Nurse Practitioner
 CNM = Certified Nurse Midwife
 CNS = Clinical Nurse Specialist
 CRNA = Certified RN Anesthetist

Table 3 -- VT Advanced Practice Nurses, 2002
Age by Specialty and by Gender

	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	354	28	75	193	36	13	8	6%
MALES	32	3	4	19	4	1	1	6%
FEMALES	322	25	71	174	32	12	7	6%
PRIMARY CARE	224	16	47	129	17	11	4	7%
Adult	52	3	10	31	5	3	0	6%
Family	72	9	13	38	6	2	4	8%
Gerontology	4	0	2	2	0	0	0	0%
Midwifery	28	3	9	14	1	1	0	4%
Ob/Gyn	46	1	10	30	3	2	0	4%
Pediatrics	22	0	3	14	2	3	0	14%
SPECIALTY CARE	130	12	28	64	19	2	4	5%
Acute Care	9	2	1	5	1	0	0	0%
Anesthesiology	34	2	11	13	5	1	1	6%
Medical/Surgical	4	0	0	4	0	0	0	0%
Mental Health	37	1	3	24	6	0	3	8%
School	5	1	2	2	0	0	0	0%
Other Specialties	41	6	11	16	7	1	0	2%

	Total	Percent in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	8%	21%	55%	10%	4%	2%	6%
MALES	100%	9%	13%	59%	13%	3%	3%	6%
FEMALES	100%	8%	22%	54%	10%	4%	2%	6%
PRIMARY CARE	100%	7%	21%	58%	8%	5%	2%	7%
SPECIALTY CARE	100%	9%	22%	50%	15%	2%	3%	5%

The "Total" column includes 1 provider with unknown age.

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

Table 4 -- VT Advanced Practice Nurses, 2002
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	354	28	75	193	36	13	8	6%
MALES	32	3	4	19	4	1	1	6%
PRIMARY CARE	7	0	1	6	0	0	0	0%
Adult	2	0	0	2	0	0	0	0%
Family	4	0	1	3	0	0	0	0%
Pediatrics	1	0	0	1	0	0	0	0%
SPECIALTY CARE	25	3	3	13	4	1	1	8%
Acute Care	1	1	0	0	0	0	0	0%
Anesthesiology	16	2	2	7	3	1	1	13%
Mental Health	4	0	0	4	0	0	0	0%
Other Specialties	4	0	1	2	1	0	0	0%
FEMALES	322	25	71	174	32	12	7	6%
PRIMARY CARE	217	16	46	123	17	11	4	7%
Adult	50	3	10	29	5	3	0	6%
Family	68	9	12	35	6	2	4	9%
Gerontology	4	0	2	2	0	0	0	0%
Midwifery	28	3	9	14	1	1	0	4%
Ob/Gyn	46	1	10	30	3	2	0	4%
Pediatrics	21	0	3	13	2	3	0	14%
SPECIALTY CARE	105	9	25	51	15	1	3	4%
Acute Care	8	1	1	5	1	0	0	0%
Anesthesiology	18	0	9	6	2	0	0	0%
Medical/Surgical	4	0	0	4	0	0	0	0%
Mental Health	33	1	3	20	6	0	3	9%
School	5	1	2	2	0	0	0	0%
Other Specialties	37	6	10	14	6	1	0	3%

The "Total" column includes 1 provider with unknown age.

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

Table 5 -- VT Advanced Practice Nurses, 2002
Age by County

County	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	354	28	75	193	36	13	8	6%
Primary Care	224	16	47	129	17	11	4	7%
Specialists	130	12	28	64	19	2	4	5%
Addison County								
Primary Care	9	1	0	7	1	0	0	0%
Specialists	4	0	0	4	0	0	0	0%
Bennington County								
Primary Care	14	1	5	7	0	1	0	7%
Specialists	9	2	2	3	2	0	0	0%
Caledonia County								
Primary Care	16	0	0	11	2	3	0	19%
Specialists	8	0	1	5	1	0	1	13%
Chittenden County								
Primary Care	66	4	14	41	2	4	1	8%
Specialists	64	6	19	28	9	0	1	2%
Essex County								
Primary Care	0	0	0	0	0	0	0	.
Specialists	0	0	0	0	0	0	0	.
Franklin County								
Primary Care	4	0	1	2	0	1	0	25%
Specialists	2	1	0	1	0	0	0	0%
Grand Isle County								
Primary Care	1	0	0	0	0	1	0	100%
Specialists	0	0	0	0	0	0	0	.
Lamoille County								
Primary Care	10	2	2	6	0	0	0	0%
Specialists	2	0	1	0	1	0	0	0%
Orange County								
Primary Care	11	1	3	5	2	0	0	0%
Specialists	1	0	0	1	0	0	0	0%
Orleans County								
Primary Care	7	1	1	4	1	0	0	0%
Specialists	1	0	0	1	0	0	0	0%
Rutland County								
Primary Care	19	2	5	11	1	0	0	0%
Specialists	12	2	1	7	2	0	0	0%
Washington County								
Primary Care	17	1	8	6	1	0	1	6%
Specialists	11	1	1	6	1	0	2	18%
Windham County								
Primary Care	28	2	6	14	4	1	1	7%
Specialists	8	0	1	7	0	0	0	0%
Windsor County								
Primary Care	22	1	2	15	3	0	1	5%
Specialists	8	0	2	1	3	2	0	25%

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

The "Total" column includes 1 provider with unknown age.
See Note 1 for a description of the calculation of ages.

Table 6 -- VT Advanced Practice Nurses, 2002
Gender by County

County	Total	Males	Females
STATEWIDE TOTAL			
Total	354	32 (9%)	322 (91%)
Primary Care	224	7 (3%)	217 (97%)
Specialists	130	25 (19%)	105 (81%)
Addison County			
Primary Care	9	0 (0%)	9 (100%)
Specialists	4	1 (25%)	3 (75%)
Bennington County			
Primary Care	14	0 (0%)	14 (100%)
Specialists	9	3 (33%)	6 (67%)
Caledonia County			
Primary Care	16	0 (0%)	16 (100%)
Specialists	8	2 (25%)	6 (75%)
Chittenden County			
Primary Care	66	3 (5%)	63 (95%)
Specialists	64	9 (14%)	55 (86%)
Franklin County			
Primary Care	4	0 (0%)	4 (100%)
Specialists	2	1 (50%)	1 (50%)
Grand Isle County			
Primary Care	1	0	1
Lamoille County			
Primary Care	10	0 (0%)	10 (100%)
Specialists	2	0 (0%)	2 (100%)
Orange County			
Primary Care	11	0 (0%)	11 (100%)
Specialists	1	0	1
Orleans County			
Primary Care	7	0 (0%)	7 (100%)
Specialists	1	0	1
Rutland County			
Primary Care	19	0 (0%)	19 (100%)
Specialists	12	3 (25%)	9 (75%)
Washington County			
Primary Care	17	0 (0%)	17 (100%)
Specialists	11	2 (18%)	9 (82%)
Windham County			
Primary Care	28	1 (4%)	27 (96%)
Specialists	8	2 (25%)	6 (75%)
Windsor County			
Primary Care	22	3 (14%)	19 (86%)
Specialists	8	2 (25%)	6 (75%)

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

Table 7 -- VT Advanced Practice Nurses, 2002

Years in Clinical Practice

In Clinical Practice	Total	In Vermont
Less than a year	12 (4%)	17 (6%)
1 or 2 years	30 (10%)	43 (14%)
3 or 4 years	44 (14%)	47 (15%)
5 to 9 years	69 (23%)	85 (28%)
10 to 14 years	32 (10%)	34 (11%)
15 to 19 years	47 (15%)	29 (10%)
20 years or more	71 (23%)	48 (16%)
Unknown *	49	51
Total	354	354
Median Practice Years	9	7

* Denominators for percentages do not include unknowns.

**Vermont Advanced Practice Registered Nurses
Distribution of Full Time Equivalents (FTEs)**

Table 8 -- VT Advanced Practice Nurses, 2002
Full Time Equivalents (FTEs) by Age and Gender by Specialty

	Total	FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	250.8	20.6	55.8	134.3	25.3	9.5	4.3	5%
MALES	28.0	3.0	4.0	15.1	4.0	.9	1.0	7%
FEMALES	222.8	17.6	51.8	119.2	21.3	8.6	3.3	5%
PRIMARY CARE	150.8	11.5	34.1	86.3	10.6	6.7	1.6	6%
Adult	33.5	1.5	6.3	20.3	3.8	1.5	.	4%
Family	51.5	7.3	10.4	27.5	3.1	1.8	1.5	6%
Gerontology	2.8	.	1.4	1.4	.	.	.	0%
Midwifery	20.2	1.7	6.2	11.1	.5	.7	.	3%
Ob/Gyn	29.7	1.0	7.2	18.8	1.4	1.1	.1	4%
Pediatrics	13.2	.	2.6	7.1	1.8	1.7	.	13%
SPECIALTY CARE	100.0	9.2	21.7	48.0	14.6	2.8	2.6	5%
Acute Care	8.0	1.2	1.0	4.3	.9	.6	.	8%
Anesthesiology	27.3	2.0	8.9	9.1	4.5	.9	1.0	7%
Medical/Surgical	3.0	.	.	3.0	.	.	.	0%
Mental Health	25.0	.9	2.5	16.0	4.0	.	1.6	7%
School	3.1	.3	1.3	1.6	.	.	.	0%
Other Specialties	33.5	4.8	8.1	14.1	5.2	1.3	.	4%
	Total	% of total FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	8%	22%	54%	10%	4%	2%	5%
MALES	100%	11%	14%	54%	14%	3%	4%	7%
FEMALES	100%	8%	23%	54%	10%	4%	1%	5%
PRIMARY CARE	100%	8%	23%	57%	7%	4%	1%	6%
SPECIALTY CARE	100%	9%	22%	49%	15%	3%	3%	5%

The "Total" column includes 1.0 FTE with unknown age.

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

Table 9 -- VT Advanced Practice Nurses, 2002
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	250.8	20.6	55.8	134.3	25.3	9.5	4.3	5%
Primary Care	150.8	11.5	34.1	86.3	10.6	6.7	1.6	6%
Specialists	100.0	9.2	21.7	48.0	14.6	2.8	2.6	5%
Addison County								
Primary Care	5.4	.8	.	4.1	.5	.	.	.
Specialists	3.5	.	.	3.3	.2	.	.	.
Bennington County								
Primary Care	8.2	.4	4.4	2.9	.1	.5	.	6%
Specialists	6.8	1.6	.7	3.0	1.5	.	.	.
Caledonia County								
Primary Care	9.8	.	.	6.5	1.4	1.9	.	19%
Specialists	5.6	.	.1	3.4	1.1	.	1.0	18%
Chittenden County								
Primary Care	43.9	2.6	8.9	26.2	3.0	3.2	<.05	7%
Specialists	50.8	3.9	16.0	21.8	6.2	1.0	.9	4%
Essex County								
Primary Care	.9	.	.	.9	.	.	.	.
Specialists	.	.	.	.	.	.	.	.
Franklin County								
Primary Care	3.2	.	1.0	1.9	.	.3	.	10%
Specialists	2.9	1.0	.	1.5	.	.4	.	13%
Grand Isle County								
Primary Care	.5	.	.	.	.	.5	.	100%
Specialists	.2	.	.	.	.	.	.2	100%
Lamoille County								
Primary Care	8.5	1.7	1.5	5.4	.	.	.	.
Specialists	1.4	.	.8	.2	.4	.	.	.
Orange County								
Primary Care	6.9	.3	1.8	3.6	1.2	.	.	.
Specialists	.8	.	.	.4	.4	.	.	.
Orleans County								
Primary Care	4.9	.1	1.0	3.8	<.05	.	.	.
Specialists	1.0	.	.1	.9	.	.	.	.
Rutland County								
Primary Care	13.5	1.7	3.0	8.7	.2	.	.	.
Specialists	10.0	1.8	1.0	5.7	1.5	.	.	.
Washington County								
Primary Care	11.6	1.0	5.8	3.3	.7	.	1.0	9%
Specialists	6.1	.9	1.0	3.2	.4	.	.6	10%
Windham County								
Primary Care	18.9	2.0	5.4	8.8	2.3	.4	.1	2%
Specialists	5.0	.	.6	4.3	.	.	.	.
Windsor County								
Primary Care	14.5	1.0	1.3	10.5	1.3	.	.5	4%
Specialists	6.1	.	1.4	.3	3.0	1.4	.	23%

The "Total" column includes 1 FTE with unknown age.
See Note 1 for a description of the calculation of ages.
See Note 4 regarding calculation of FTEs by county.

Table 10 -- VT Advanced Practice Nurses, 2002
 Numbers of Nurses, Full Time Equivalents (FTEs)
 and Total Weekly Patient Care Hours by County

Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL	354 250.8 10389	234 150.8 6194	146 100.0 4194
Addison County	17 8.9 362	12 5.4 221	6 3.5 141
Bennington County	27 15.1 662	18 8.2 349	10 6.8 313
Caledonia County	25 15.4 636	15 9.8 395	10 5.6 241
Chittenden County	133 94.7 3925	75 43.9 1786	70 50.8 2140
Essex County	2 .9 36	2 .9 36	.. ..
Franklin County	8 6.1 259	5 3.2 135	4 2.9 124
Grand Isle County	2 .6 25	1 .5 19	1 .2 6
Lamoille County	12 9.9 417	10 8.5 361	3 1.4 56
Orange County	14 7.7 311	12 6.9 279	2 .8 32
Orleans County	10 5.9 237	7 4.9 198	3 1.0 39
Rutland County	33 23.5 965	22 13.5 559	13 10.0 406
Washington County	33 17.7 710	21 11.6 466	12 6.1 244
Windham County	39 23.8 1004	32 18.9 798	11 5.0 206
Windsor County	35 20.6 840	26 14.5 594	11 6.1 246

In this table providers may be counted more than once (see Note 4).
 Similar town-level data are available on request.

Table 11 -- VT Advanced Practice Nurses, 2002
 Numbers of Primary Care Providers, Full Time Equivalents
 (FTEs) and Total Weekly Patient Care Hours by County

Count FTEs Hours	PRIMARY CARE TOTAL	ADULT	FAMILY	GERONTOL	MIDWIFE	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	234 150.8 6194	58 33.5 1374	83 51.5 2110	7 2.8 115	30 20.2 849	63 29.7 1199	25 13.2 547
Addison County	12 5.4 221	2 .6 23	8 4.0 162	. . . . .	. . . . .	2 .9 34	1 .1 2
Bennington County	18 8.2 349	2 .6 27	4 1.6 70	2 1.3 50	6 3.4 141	6 1.4 60	1 .0 1
Caledonia County	15 9.8 395	1 .7 27	6 3.9 156	. . . . .	1 1.0 43	4 2.7 108	3 1.5 60
Chittenden County	75 43.9 1786	25 14.4 593	15 8.4 335	2 .4 16	10 6.1 250	22 10.3 416	10 4.4 177
Essex County	2 .9 36	1 .5 20	1 .4 16	.. .. .	.. .. .	.. .. .	.. .. .
Franklin County	5 3.2 135	2 .4 20	2 1.8 73	1 .1 2	. . . . .	1 1.0 40	.. .. .
Grand Isle County	1 .5 19	. . . . .	. . . . .	. . . . .	. . . . .	1 .3 10	1 .2 8
Lamoille County	10 8.5 361	2 1.0 38	4 3.5 150	1 .4 15	2 2.0 83	1 .7 27	1 1.0 47
Orange County	12 6.9 279	2 1.8 72	2 1.8 74	. . . . .	3 1.1 45	1 .6 24	4 1.6 65
Orleans County	7 4.9 198	1 1.0 40	5 2.9 118	. . . . .	. . . . .	. . . . .	1 1.0 40
Rutland County	22 13.5 559	6 3.7 156	10 7.2 293	1 .3 12	1 .3 11	6 2.0 84	1 .1 2
Washington County	21 11.6 466	3 2.6 104	7 3.9 157	. . . . .	2 .4 16	9 3.7 147	2 1.1 42
Windham County	32 18.9 798	7 3.0 121	12 7.0 300	. . . . .	5 3.4 157	8 4.2 169	2 1.3 51
Windsor County	26 14.5 594	6 3.4 134	10 5.2 206	1 .5 20	4 2.6 103	8 2.0 79	2 1.0 53

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

Similar town-level data are available on request.

Table 12 -- VT Advanced Practice Nurses, 2002
 Numbers of Specialty Care Providers, Full Time Equivalents
 (FTEs) and Total Weekly Patient Care Hours by County

Count FTEs Hours	SPECIALTY CARE TOTAL	EMERG. MEDIC.	ANESTHE- SIOLOGY	MED./ SURG.	MENTAL HEALTH	SCHOOL	OTHER
STATEWIDE TOTAL	146 100.0 4194	14 8.0 334	34 27.3 1167	4 3.0 133	39 25.0 1030	7 3.1 127	50 33.5 1403
Addison County	6 3.5 141	1 .2 9	2 1.9 75	. . . . .	2 1.1 42	1 .4 15	.. .. .
Bennington County	10 6.8 313	. . . . .	6 4.1 195	. . . . .	1 1.0 46	1 .1 5	2 1.6 67
Caledonia County	10 5.6 241	1 .5 21	2 2.0 80	. . . . .	4 2.2 106	. . . . .	3 .9 34
Chittenden County	70 50.8 2140	7 3.5 148	17 14.1 597	3 2.8 127	9 5.4 215	2 .9 35	32 24.1 1018
Essex County	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Franklin County	4 2.9 124	3 2.5 103	. . . . .	. . . . .	. . . . .	. . . . .	1 .4 21
Grand Isle County	1 .2 6	. . . . .	. . . . .	. . . . .	1 .2 6	.. .. .	.. .. .
Lamoille County	3 1.4 56	1 .2 9	. . . . .	. . . . .	1 .4 17	1 .5 21	1 .3 10
Orange County	2 .8 32	. . . . .	. . . . .	. . . . .	2 .8 32	.. .. .	.. .. .
Orleans County	3 1.0 39	. . . . .	. . . . .	. . . . .	2 .9 36	. . . . .	1 .1 4
Rutland County	13 10.0 406	1 1.0 40	4 3.3 140	. . . . .	5 3.4 136	. . . . .	3 2.3 90
Washington County	12 6.1 244	. . . . .	. . . . .	1 .2 6	10 4.9 198	. . . . .	1 1.0 40
Windham County	11 5.0 206	. . . . .	1 <.05 2	. . . . .	5 2.0 87	2 1.3 51	3 1.7 67
Windsor County	11 6.1 246	1 .1 5	2 1.9 78	. . . . .	5 2.8 111	. . . . .	4 1.3 52

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

Similar town-level data are available on request.

Table 13 -- VT Advanced Practice Nurses, 2002
 Primary Care Provider FTE to Population Ratios by County

County	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	150.80	615,611	24.50	4,082
Addison County	5.45	36,550	14.90	6,712
Bennington County	8.23	37,245	22.09	4,526
Caledonia County	9.78	29,977	32.64	3,064
Chittenden County	43.91	148,273	29.61	3,377
Essex County	.90	6,482	13.88	7,202
Franklin County	3.18	46,359	6.87	14,566
Grand Isle County	.47	7,195	6.51	15,349
Lamoille County	8.51	23,840	35.71	2,800
Orange County	6.90	28,568	24.15	4,140
Orleans County	4.91	26,649	18.42	5,429
Rutland County	13.50	63,516	21.26	4,705
Washington County	11.65	58,328	19.97	5,008
Windham County	18.87	44,542	42.36	2,361
Windsor County	14.55	58,087	25.04	3,993

Only primary care providers are included in this table.

One FTE is defined as 40 (or more) hours per week (see note 22).
 See Note 4 regarding calculation of FTEs by county.
 The FTEs are rounded to two digits for display only.
 The ratios were calculated using the unrounded values.

Population estimates are for the year 2002,
 and were provided by Claritas, Inc. (see Note 7).

Table 14 -- VT Advanced Practice Nurses, 2002
 Total FTEs by Practice Setting by Specialty

Care Setting	FTEs in Primary Care Specialty						
	Adult	Family	Geront	Midwif	Ob/Gyn	Ped	Other Primary
TOTAL, all settings	33.5	51.5	2.8	20.2	29.7	13.2	.
Solo APRN Practice	.5	1.1	.4	.9	.2	.	.
APRN Practice Group	.	.3	.	4.1	2.7	.	.
Phys/APRN Practice	18.5	27.6	1.6	6.9	7.0	9.5	.
Community Health Ctr	2.8	6.6	.	1.5	11.4	2.0	.
School / College	1.0	2.9	.	.	2.0	.8	.
Business / Worksite	.7	.2	.	.1	.2	.	.
Extended Care	.1	.	.	.	.	.	.
Home Health Agency	.	.	.	.	.	.	.
Hosp-Based Practice	10.0	12.8	.9	6.7	6.3	.9	.

Care Setting	FTEs in Specialty					
	Acute	Anesth	Med/Surg	Psych	School	Other Specialty
TOTAL, all settings	8.0	27.3	3.0	25.0	3.1	33.5
Solo APRN Practice	.	.2	.2	6.7	.1	1.5
APRN Practice Group	.	.	.	.	.	1.0
Phys/APRN Practice	.4	3.9	.	2.6	.	11.5
Community Health Ctr	.	.	.	12.4	.	.
School / College	.	.	.	.	3.0	1.4
Business / Worksite	.	.	.	.8	.	.4
Extended Care	.	.	.	.2	.	.4
Home Health Agency	.	.	.	.	.	.3
Hosp-Based Practice	7.6	23.3	2.8	2.4	.	17.1

All worksites of each provider are counted in this table (see Note 4).

See Table 17 for a similar tabulation by counts rather than FTEs.

Vermont Advanced Practice Registered Nurses’ Training

Table 15 -- VT Advanced Practice Nurses, 2002
Education and Certification

	Type of Advanced Practice Nurse *				TOTAL	
	NP	CNM	CNS	CRNA		
TOTAL	253	42	41	34	354	(100 %)

Highest level of nursing education:

Diploma	12	0	0	2	14	(5 %)
ADN	7	7	1	2	17	(6 %)
BSN	24	2	4	7	37	(13 %)
MSN	153	23	24	8	198	(72 %)
Doctorate	5	0	2	0	5	(2 %)
Other	4	0	1	0	5	(2 %)
Unknown	48	10	9	15	78	

Additional non-nursing degrees, if any: **

BA	55	17	4	3	75	(21 %)
MPH	5	5	1	0	11	(3 %)
MA or MS	21	1	5	3	30	(8 %)
Doctorate	4	0	3	0	7	(2 %)
Other	4	3	0	1	8	(2 %)
None reported	173	23	28	27	239	(68 %)

APRN preparation:

Certificate	51	12	5	8	74	(27 %)
MSN	151	20	27	9	197	(71 %)
Other	3	0	0	2	5	(2 %)
Unknown	48	10	9	15	78	

* Each APRN may report more than one type, thus may be counted in more than one column in this table. The "Total" column counts each APRN only once. Percentages displayed are within each column.

NP = Nurse Practitioner
 CNM = Certified Nurse Midwife
 CNS = Clinical Nurse Specialist
 CRNA = Certified RN Anesthetist

** Each APRN may have more than one additional degree.

Table 16 -- VT Advanced Practice Nurses, 2002
 Areas of Credentials by Main Practice Specialty

Holds Credentials in Primary Care Area

Main Practice Specialty	TOTAL	ADULT	FAMILY	GERON- TOLOGY	MID- WIFERY	OBGYN	PEDI- ATRICS	OTHER	NONE REPORTED
TOTAL	354	61	107	8	31	33	20	8	130
Adult	52	38	10	4	.	2	.	1	7
Family	72	6	58	1	1	.	1	.	14
Gerontology	4	.	1	2	.	1	.	.	1
Midwifery	28	.	2	.	24	7	.	.	3
Ob/Gyn	46	2	11	.	5	19	1	.	13
Pediatrics	22	.	5	.	.	1	15	1	4
Acute Care	9	3	5	1	.	.	1	.	2
Anesthesiology	34	.	.	.	.	.	.	2	32
Medical/Surgical	4	3	2	.	.	.	.	.	.
Mental Health	37	3	.	.	.	.	.	1	33
School	5	1	3	.	.	.	1	.	.
Other Specialties	41	5	10	.	1	3	1	3	21

Holds Credentials in Specialty Care Area

Main Practice Specialty	TOTAL	ACUTE	ANESTH- ESIOLOGICAL	MEDICAL/ SURGICAL	MENTAL HEALTH	SCHOOL	OTHER	NONE REPORTED
TOTAL	354	12	18	5	29	4	24	267
Adult	52	3	.	1	.	.	5	44
Family	72	2	.	.	.	.	.	70
Gerontology	4	.	.	.	.	.	1	3
Midwifery	28	.	.	.	.	.	.	28
Ob/Gyn	46	.	.	.	.	1	.	45
Pediatrics	22	.	.	.	1	2	1	18
Acute Care	9	4	.	.	.	.	2	4
Anesthesiology	34	.	18	.	.	.	1	15
Medical/Surgical	4	.	.	2	.	.	1	2
Mental Health	37	.	.	.	28	.	.	9
School	5	.	.	.	.	1	1	3
Other Specialties	41	3	.	2	.	.	12	26

Note: Each APRN may hold credentials in more than one area.

Vermont Advanced Practice Registered Nurses

Practice Characteristics

Table 17 -- VT Advanced Practice Nurses, 2002
Practice Setting by Specialty

Care Setting	Number in Primary Care Specialty						
	Adult	Family	Geront	Midwif	Ob/Gyn	Ped	Other Primary
TOTAL, all settings	52	72	4	28	46	22	.
Solo APRN Practice	1	1	.	1	.	.	.
APRN Practice Group	.	.	.	6	2	.	.
Phys/APRN Practice	25	38	3	9	10	15	.
Community Health Ctr	4	12	.	2	23	4	.
School / College	4	5	.	.	3	2	.
Business / Worksite	3	.	.	.	.	.	.
Extended Care	.	.	.	.	.	.	.
Home Health Agency	.	.	.	.	.	.	.
Hosp-Based Practice	15	16	1	10	8	1	.

Care Setting	Number in Specialty					
	Acute	Anesth	Med/Surg	Psych	School	Other Specialty
TOTAL, all settings	9	34	4	37	5	41
Solo APRN Practice	.	1	1	13	.	2
APRN Practice Group	1
Phys/APRN Practice	.	4	.	3	.	14
Community Health Ctr	.	.	.	16	.	.
School / College	5	2
Business / Worksite	.	.	.	1	.	.
Extended Care	.	.	.	1	.	.
Home Health Agency	1
Hosp-Based Practice	9	29	3	3	.	21

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

See Table 14 for a similar tabulation by FTEs rather than counts.

Table 18 -- VT Advanced Practice Nurses, 2002
Practice Setting by Age

Care Setting	Total	Number in Age Group					
		<35	35-44	45-54	55-59	60-64	65+
TOTAL, all settings	354 (100%)	28	75	193	36	13	8
Solo APRN Practice	20 (6%)	.	2	11	4	.	3
APRN Practice Group	9 (3%)	.	2	5	2	.	.
Phys/APRN Practice	121 (34%)	12	23	67	16	2	1
Community Health Ctr	61 (17%)	2	14	37	3	3	2
School / College	21 (6%)	1	3	15	.	1	1
Business / Worksite	4 (1%)	.	1	1	1	1	.
Extended Care	1 (0%)	.	.	1	.	.	.
Home Health Agency	1 (0%)	.	.	1	.	.	.
Hosp-Based Practice	116 (33%)	13	30	55	10	6	1

Each APRN is counted once in this table, in their main practice setting.
The "Total" column includes 1 provider with unknown age (see Note 1).

Table 19 -- VT Advanced Practice Nurses, 2002
Practice Setting by Gender

Care Setting	Total	Males		Females	
		Count	Percentage	Count	Percentage
TOTAL, all settings	354	32	(100%)	322	(100%)
Solo APRN Practice	20	3	(9%)	17	(5%)
APRN Practice Group	9	1	(3%)	8	(2%)
Phys/APRN Practice	121	7	(22%)	114	(35%)
Community Health Ctr	61	2	(6%)	59	(18%)
School / College	21	1	(3%)	20	(6%)
Business / Worksite	4	0	(0%)	4	(1%)
Extended Care	1	1	(3%)	0	(0%)
Home Health Agency	1	0	(0%)	1	(0%)
Hosp-Based Practice	116	17	(53%)	99	(31%)

Each APRN is counted once in this table, in their main practice setting.
Percentages are based on "Total" row.

Table 20 -- VT Advanced Practice Nurses, 2002
Average Patient Care Hours per Week,
by Provider Specialty and Age

Main Specialty	Total	Average Patient Care Hours per Week				% Working Full Time (%)
		All Ages	Age < 45	Age 45-54	Age 55+	
ALL SPECIALTIES	354	29	31	29	28	33%
PRIMARY CARE	224	28	29	29	25	29%
Adult	52	30	26	32	30	35%
Family	72	29	31	30	22	26%
Gerontology	4	17	28	6	.	25%
Midwifery	28	34	33	35	31	50%
Ob/Gyn	46	24	25	25	19	13%
Pediatrics	22	26	32	24	27	27%
SPECIALTY CARE	130	31	32	30	33	42%
Acute Care	9	32	30	30	45	67%
Anesthesiology	34	34	36	30	38	59%
Medical/Surgical	4	33	.	33	.	50%
Mental Health	37	27	34	27	25	24%
School	5	23	22	25	.	0%
Other Specialties	41	33	31	33	35	41%

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

The age of 1 APRN was not known, but is included in the "Total", "All Ages", and "% Working Full Time" columns

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

Table 21 -- VT Advanced Practice Nurses, 2002
Average Patient Care Hours per Week
by Provider Gender, Specialty and Age

Main Specialty	Total	Average Patient Care Hours per Week				% Working Full Time (%)
		All Ages	Age < 45	Age 45-54	Age 55+	
MALES:						
ALL SPECIALTIES	32	39	43	37	43	75%
PRIMARY CARE	7	30	40	29	.	57%
Adult	2	20	.	20	.	50%
Family	4	30	40	26	.	50%
Pediatrics	1	53	.	53	.	100%
SPECIALTY CARE	25	42	43	40	43	80%
Acute Care	1	42	42	.	.	100%
Anesthesiology	16	41	44	39	42	81%
Mental Health	4	38	.	38	.	50%
Other Specialties	4	47	40	49	51	100%
FEMALES:						
ALL SPECIALTIES	322	28	30	28	27	29%
PRIMARY CARE	217	28	29	29	25	28%
Adult	50	31	26	33	30	34%
Family	68	29	31	30	22	25%
Gerontology	4	17	28	6	.	25%
Midwifery	28	34	33	35	31	50%
Ob/Gyn	46	24	25	25	19	13%
Pediatrics	21	24	32	21	27	24%
SPECIALTY CARE	105	29	30	27	29	32%
Acute Care	8	31	24	30	45	63%
Anesthesiology	18	28	32	20	30	39%
Medical/Surgical	4	33	.	33	.	50%
Mental Health	33	26	34	24	25	21%
School	5	23	22	25	.	0%
Other Specialties	37	31	31	31	33	35%

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

The age of 1 APRN was not known, but is included in the "Total", "All Ages", and "% Working Full Time" columns

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

Table 22 -- VT Advanced Practice Nurses, 2002
Average Patient Care Hours per Week
by Provider 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	224	28	29	29	25	29%
Specialists	130	31	32	30	33	42%
Addison County						
Primary Care	9	23	32	20	30	0%
Specialists	4	33	.	33	.	50%
Bennington County						
Primary Care	14	24	35	14	20	21%
Specialists	9	34	23	48	35	56%
Caledonia County						
Primary Care	16	28	.	29	26	19%
Specialists	8	29	8	30	40	38%
Chittenden County						
Primary Care	66	27	26	27	35	23%
Specialists	64	33	33	32	35	44%
Franklin County						
Primary Care	4	44	40	41	54	75%
Specialists	2	41	42	40	.	100%
Grand Isle County						
Primary Care	1	19	.	.	19	0%
Lamoille County						
Primary Care	10	37	31	42	.	60%
Specialists	2	28	31	.	26	0%
Orange County						
Primary Care	11	27	24	29	24	18%
Specialists	1	16	.	16	.	0%
Orleans County						
Primary Care	7	28	22	38	0	57%
Specialists	1	20	.	20	.	0%
Rutland County						
Primary Care	19	33	29	37	8	32%
Specialists	12	34	43	30	38	50%
Washington County						
Primary Care	17	26	28	21	33	18%
Specialists	11	22	38	22	14	18%
Windham County						
Primary Care	28	30	38	30	18	32%
Specialists	8	22	24	22	.	25%
Windsor County						
Primary Care	22	27	28	30	18	45%
Specialists	8	31	33	2	36	50%

"Full Time" is 40 (or more) hours of direct patient care per week (in Vermont) for 48 weeks (see Note 22). The age of 1 APRN was not known, but is included in the "Total", "All Ages", and "% Working Full Time" columns. See Note 1 for a description of the calculation of age. Each APRN is counted only once (see Note 2).

Table 23 -- VT Advanced Practice Nurses, 2002
Working On-Call, by Specialty and by Setting

Specialty	Total APRNs	Work On Call	Unknown
TOTAL	354	127 (46.0%)	78
PRIMARY CARE	224	82 (44.8%)	41
Adult	52	13 (28.9%)	7
Family	72	24 (41.4%)	14
Gerontology	4	0 (0.0%)	1
Midwifery	28	25 (100.0%)	3
Ob/Gyn	46	13 (39.4%)	13
Pediatrics	22	7 (36.8%)	3
SPECIALTY CARE	130	45 (48.4%)	37
Acute Care	9	3 (37.5%)	1
Anesthesiology	34	16 (84.2%)	15
Medical/Surgical	4	0 (0.0%)	0
Mental Health	37	13 (46.4%)	9
School	5	2 (40.0%)	0
Other Specialties	41	11 (37.9%)	12
Setting	Cases	Work On Call	Unknown
TOTAL, all settings	354	127 (46.0%)	78
Solo APRN Practice	20	12 (66.7%)	2
APRN Practice Group	9	6 (66.7%)	0
Phys/APRN Practice	121	48 (45.7%)	16
Community Health Ctr	61	17 (34.0%)	11
School / College	21	11 (61.1%)	3
Business / Worksite	4	1 (25.0%)	0
Extended Care	1	.	1
Home Health Agency	1	0 (0.0%)	0
Hosp-Based Practice	116	32 (45.1%)	45

Each provider is counted once, in main specialty or main setting. The "Unknown" column shows cases where this question was not answered.

These "Unknown" cases were excluded when computing percentages.

Table 24 -- VT Advanced Practice Nurses, 2002
Hospital Admitting Privileges and Prescriptive Authority,
by Specialties

Specialty	Total APRNs	Number of APRNs with Hospital Admitting Privileges	Number of APRNs with Prescriptive Authority
TOTAL	354	37 (14%)	255 (93%)
PRIMARY CARE	224	26 (14%)	179 (98%)
Adult	52	2 (4%)	44 (98%)
Family	72	4 (7%)	57 (98%)
Gerontology	4	1 (33%)	3 (100%)
Midwifery	28	11 (44%)	25 (100%)
Ob/Gyn	46	2 (6%)	33 (100%)
Pediatrics	22	6 (32%)	17 (89%)
SPECIALTY CARE	130	11 (12%)	76 (83%)
Acute Care	9	1 (13%)	7 (100%)
Anesthesiology	34	1 (5%)	15 (79%)
Medical/Surgical	4	0 (0%)	3 (75%)
Mental Health	37	4 (14%)	19 (68%)
School	5	0 (0%)	4 (80%)
Other Specialties	41	5 (18%)	28 (97%)

The hospital admitting privileges of 80 APRNs, and the prescriptive authority of 79 APRNs, are unknown. They are counted in the "Total APRNs" column, but excluded from the calculation of the percentages.

Table 25 -- VT Advanced Practice Nurses, 2002
Practice Availability by Specialty

Specialty	Offices	Accept New Patients	Partic. in Medicaid	Accept New Medicaid Patients	Partic. in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
TOTAL	260	94%	93%	88%	87%	82%
PRIMARY CARE	194	96%	96%	91%	92%	86%
Adult	33	93%	100%	88%	100%	92%
Family	63	96%	94%	86%	94%	84%
Gerontology	3	100%	0%	0%	50%	100%
Midwifery	22	100%	100%	100%	n.a.	n.a.
Ob/Gyn	49	97%	97%	94%	91%	88%
Pediatrics	24	95%	100%	95%	n.a.	n.a.
SPECIALTY CARE	66	89%	86%	80%	76%	73%
Anesthesiology	5	100%	100%	100%	100%	100%
Medical/Surgical	1	0%	0%	0%	0%	0%
Mental Health	43	85%	85%	76%	71%	65%
Other Specialties	17	100%	88%	88%	87%	87%
UNKNOWNNS		47	49	52	35	37

Above data are for office settings only.
Hospital-based practices are not included (see Note 11).

Each site a provider practices in is counted separately. Multiple-specialty sites are counted under the specialty with the most hours.

Denominators for percentages do not include unknowns.

See Note 10 for further information on tabulation of availability of care.

Table 26 -- VT Advanced Practice Nurses, 2002
Practice Availability by County

County	Offices	Accept New Patients	Partic. in Medicaid	Accept New Medicaid Patients	Partic. in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
STATEWIDE TOTAL						
Primary Care	194	96%	96%	91%	92%	86%
Specialists	66	89%	86%	80%	76%	73%
Addison County						
Primary Care	8	88%	100%	86%	86%	71%
Specialists	2	100%	50%	50%	50%	50%
Bennington County						
Primary Care	15	92%	82%	80%	86%	83%
Specialists	3	100%	100%	100%	100%	100%
Caledonia County						
Primary Care	11	100%	100%	100%	100%	100%
Specialists	5	100%	100%	100%	80%	80%
Chittenden County						
Primary Care	49	92%	95%	84%	87%	77%
Specialists	20	83%	89%	78%	71%	65%
Essex County						
Primary Care	2	100%	100%	100%	100%	100%
Specialists	0	.	.	.	.	.
Franklin County						
Primary Care	4	100%	100%	100%	100%	100%
Specialists	0	.	.	.	.	.
Grand Isle County						
Primary Care	1	100%	100%	100%	100%	100%
Specialists	1	100%	100%	100%	100%	100%
Lamoille County						
Primary Care	11	100%	100%	100%	100%	100%
Specialists	1	100%	100%	100%	.	.
Orange County						
Primary Care	8	100%	100%	100%	100%	100%
Specialists	2	100%	100%	100%	100%	100%
Orleans County						
Primary Care	6	100%	100%	100%	100%	100%
Specialists	2	100%	100%	100%	100%	100%
Rutland County						
Primary Care	20	100%	100%	87%	92%	85%
Specialists	8	86%	86%	71%	86%	71%
Washington County						
Primary Care	20	100%	100%	100%	100%	100%
Specialists	12	88%	88%	88%	75%	75%
Windham County						
Primary Care	24	94%	88%	81%	83%	73%
Specialists	5	100%	100%	100%	100%	100%
Windsor County						
Primary Care	15	100%	100%	100%	88%	75%
Specialists	5	75%	25%	25%	50%	50%

Above data are for office settings only.
Hospital-based practices are not included (see Note 11).
Each site a provider practices in is counted separately. Multiple-specialty sites are counted under the specialty with the most hours.
Denominators for percentages do not include unknowns.
See Note 10 for further information on tabulation of availability of care.

Table 27 -- VT Advanced Practice Nurses, 2002
 Providers Planning To Retire or Reduce Hours
 within the Next 12 Months

TOTAL	18
Type of APRN: (each APRN may report more than one type)	
Nurse Practitioner (NP)	14
Certified Nurse Midwife (CNM)	4
Clinical Nurse Specialist (CNS)	0
Certified RN Anesthetist (CRNA)	1
Age groups:	
Younger than 35	2
35 - 44	3
45 - 54	8
55 - 64	3
65 and older	2
Gender:	
Male	1
Female	17
Current Patient care hours:	
40 or more hours/week	3
30 to under 40 hours/week	8
20 to under 30 hours/week	2
less than 20 hours/week	5
Number of practice sites:	
One	15
Two	3
Three or more	0
Main specialty:	
Primary Care Total	15
Adult	3
Family	5
Gerontology	1
Midwifery	2
Ob/Gyn	2
Pediatrics	2
Specialty Care Total	3
Anesthesiology	1
Other Specialties	2

Table 28 -- VT Advanced Practice Nurses, 2002
Main and Secondary Specialties

Specialty	APRNs Practicing as Main Specialty		APRNs Practicing as Secondary Specialty	
	Number	Percent	Number	Percent
TOTAL	354	100%	60	100%
PRIMARY CARE	224	63%	42	70%
Adult	52	15%	6	10%
Family	72	20%	11	18%
Gerontology	4	1%	3	5%
Midwifery	28	8%	2	3%
Ob/Gyn	46	13%	17	28%
Pediatrics	22	6%	3	5%
SPECIALTY CARE	130	37%	18	30%
Acute Care	9	3%	5	8%
Anesthesiology	34	10%	0	0%
Medical/Surgical	4	1%	0	0%
Mental Health	37	10%	2	3%
School	5	1%	2	3%
Other Specialties	41	12%	9	15%

For each specialty group, this table counts the number of active providers who practice in the specialty as their main, or as a secondary (or tertiary, etc), specialty. Most providers did not report a secondary specialty. The percentages are based on the "TOTAL" line.

Advanced Practice Registered Nurses
by Vermont Health Care Areas

Table 29 -- VT Advanced Practice Nurses, 2002
Age by Health Care Area

Health Care Area	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	354	28	75	193	36	13	8	6%
Primary Care	224	16	47	129	17	11	4	7%
Specialists	130	12	28	64	19	2	4	5%
Central Vermont								
Primary Care	18	1	8	6	2	.	1	6%
Specialists	11	1	1	6	1	.	2	18%
Chittenden								
Primary Care	69	5	15	41	2	5	1	9%
Specialists	64	6	19	28	9	.	1	2%
Copley								
Primary Care	9	1	1	7	.	.	.	0%
Specialists	2	.	1	.	1	.	.	0%
Gifford								
Primary Care	8	1	3	3	1	.	.	0%
North Country								
Primary Care	7	1	1	4	1	.	.	0%
Specialists	3	.	1	2	.	.	.	0%
Northeastern								
Primary Care	15	.	.	10	2	3	.	20%
Specialists	6	.	.	4	1	.	1	17%
Northwestern								
Primary Care	4	.	1	2	.	1	.	25%
Specialists	2	1	.	1	.	.	.	0%
Porter								
Primary Care	9	1	.	7	1	.	.	0%
Specialists	4	.	.	4	.	.	.	0%
Rutland								
Primary Care	19	2	5	11	1	.	.	0%
Specialists	12	2	1	7	2	.	.	0%
Southwestern								
Primary Care	15	1	5	8	.	1	.	7%
Specialists	9	2	2	3	2	.	.	0%
Springfield								
Primary Care	8	1	.	6	1	.	.	0%
Specialists	3	.	2	.	1	.	.	0%
Upper Conn Valley								
Primary Care	19	1	2	13	2	.	1	5%
Specialists	6	.	.	2	2	2	.	33%
Windham								
Primary Care	24	1	6	11	4	1	1	8%
Specialists	8	.	1	7	.	.	.	0%

Each provider is counted once in this table, in their main specialty group, and, independently, in their main HCA of practice (see Note 2). The "Total" column includes 1 provider with unknown age. See Note 1 for a description of the calculation of ages.

Table 30 -- VT Advanced Practice Nurses, 2002
 Numbers of Providers, Full Time Equivalents (FTEs) and
 Total Weekly Patient Care Hours by Health Care Area

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
		<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	354	250.8	234	146
		10389	6194	4194
Central Vermont	34	18.5	22	12
		742	498	244
Chittenden	136	96.5	78	70
		3999	1859	2140
Copley	12	9.4	9	4
		398	336	63
Gifford	8	5.1	8	.
		217	217	.
North Country	10	5.9	7	3
		237	198	39
Northeastern	23	15.4	15	9
		636	401	234
Northwestern	9	6.2	5	5
		266	135	130
Porter	17	8.9	12	6
		362	221	141
Rutland	33	23.5	22	13
		965	559	406
Southwestern	27	15.6	18	10
		686	373	313
Springfield	17	8.3	13	6
		338	226	112
Upper Conn Valley	27	16.5	20	8
		666	487	180
Windham	35	20.9	27	11
		878	686	192

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

Table 31 -- VT Advanced Practice Nurses, 2002
 Numbers of Primary Care Providers, Full Time Equivalents (FTEs)
 and Total Weekly Patient Care Hours by Health Care Area

Count	PRIMARY CARE							
	FTEs	TOTAL	ADULT	FAMILY	GERONTOL	MIDWIFE	OB/GYN	PEDIATRIC
Hours								
STATEWIDE TOTAL	234	58	83	7	30	63	25	
	150.8	33.5	51.5	2.8	20.2	29.7	13.2	
	6194	1374	2110	115	849	1199	547	
Central Vermont	22	4	7	.	2	9	2	
	12.4	3.4	3.9	.	.4	3.7	1.1	
	498	136	157	.	16	147	42	
Chittenden	78	26	16	2	10	23	11	
	45.7	14.8	9.3	.4	6.1	10.6	4.6	
	1859	611	371	16	250	427	185	
Copley	9	1	4	1	2	1	1	
	7.9	.5	3.3	.4	2.0	.7	1.0	
	336	20	144	15	83	27	47	
Gifford	8	.	2	.	3	2	1	
	5.1	.	1.5	.	1.1	1.6	.9	
	217	.	62	.	45	64	47	
North Country	7	1	5	.	.	.	1	
	4.9	1.0	2.9	.	.	.	1.0	
	198	40	118	.	.	.	40	
Northeastern	15	2	6	.	1	4	3	
	10.0	1.2	3.6	.	1.0	2.7	1.5	
	401	47	143	.	43	108	60	
Northwestern	5	2	2	1	.	1	.	
	3.2	.4	1.8	.1	.	1.0	.	
	135	20	73	2	.	40	.	
Porter	12	2	8	.	.	2	1	
	5.4	.6	4.0	.	.	.9	.1	
	221	23	162	.	.	34	2	
Rutland	22	6	10	1	1	6	1	
	13.5	3.7	7.2	.3	.3	2.0	.1	
	559	156	293	12	11	84	2	
Southwestern	18	2	5	2	6	6	1	
	8.7	.6	2.0	1.3	3.5	1.4	.0	
	373	27	90	50	145	60	1	
Springfield	13	1	8	.	1	3	1	
	5.5	.3	4.4	.	.1	.3	.5	
	226	10	181	.	4	13	18	
Upper Conn Valley	20	6	5	1	3	4	5	
	12.1	4.1	2.6	.5	2.5	.6	1.7	
	487	164	107	20	99	26	71	
Windham	27	7	9	.	4	8	1	
	16.3	3.0	5.0	.	3.3	4.2	.8	
	686	121	210	.	153	169	33	

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

Table 32 -- VT Advanced Practice Nurses, 2002
 Numbers of Specialty Care Providers, Full Time Equivalents (FTEs)
 and Total Weekly Patient Care Hours by Health Care Area

Count	SPECIALTY						
	FTEs	CARE	EMERG. ANESTHE-	MED./	MENTAL	SCHOOL	OTHER
Hours	TOTAL	MEDIC.	SIOLOGY	SURG.	HEALTH		
STATEWIDE TOTAL	146	14	34	4	39	7	50
	100.0	8.0	27.3	3.0	25.0	3.1	33.5
	4194	334	1167	133	1030	127	1403
Central Vermont	12	.	.	1	10	.	1
	6.1	.	.	.2	4.9	.	1.0
	244	.	.	6	198	.	40
Chittenden	70	7	17	3	9	2	32
	50.8	3.5	14.1	2.8	5.4	.9	24.1
	2140	148	597	127	215	35	1018
Copley	4	1	.	.	2	1	1
	1.5	.2	.	.	.6	.5	.3
	63	9	.	.	23	21	10
North Country	3	.	.	.	2	.	1
	1.0	.	.	.	.9	.	.1
	39	.	.	.	36	.	4
Northeastern	9	1	2	.	3	.	3
	5.5	.5	2.0	.	2.1	.	.9
	234	21	80	.	99	.	34
Northwestern	5	3	.	.	1	.	1
	3.0	2.5	.	.	.2	.	.4
	130	103	.	.	6	.	21
Porter	6	1	2	.	2	1	.
	3.5	.2	1.9	.	1.1	.4	.
	141	9	75	.	42	15	.
Rutland	13	1	4	.	5	.	3
	10.0	1.0	3.3	.	3.4	.	2.3
	406	40	140	.	136	.	90
Southwestern	10	.	6	.	1	1	2
	6.8	.	4.1	.	1.0	.1	1.6
	313	.	195	.	46	5	67
Springfield	6	.	.	.	4	.	2
	2.8	.	.	.	2.0	.	.7
	112	.	.	.	83	.	29
Upper Conn Valley	8	1	2	.	4	.	2
	4.4	.1	1.9	.	1.8	.	.6
	180	5	78	.	74	.	23
Windham	11	.	1	.	5	2	3
	4.7	.	<.05	.	1.7	1.3	1.7
	192	.	2	.	73	51	67

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

Table 33 -- VT Advanced Practice Nurses, 2002
 Primary Care Provider FTE to Population Ratios
 by Health Care Area

HCA	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	150.80	615611	24.50	4082
Central Vermont	12.45	67326	18.49	5409
Chittenden	45.74	166850	27.41	3648
Copley	7.89	25925	30.42	3288
Gifford	5.13	18469	27.79	3599
North Country	4.91	27792	17.66	5662
Northeastern	9.95	29979	33.20	3012
Northwestern	3.18	43654	7.29	13716
Porter	5.45	28231	19.29	5185
Rutland	13.50	64303	21.00	4763
Southwestern	8.75	40947	21.36	4682
Springfield	5.53	26151	21.14	4729
Upper Conn Valley	12.06	43754	27.56	3628
Windham	16.28	32230	50.50	1980

Only primary care providers are included in this table.

One FTE is defined as 40 (or more) hours per week.
 See Note 4 regarding calculation of FTEs by area.
 The FTEs are rounded to two digits for display only.
 The ratios were calculated using the unrounded values.

Population estimates are for the year 2002,
 and were provided by Claritas, Inc. (see Note 7).

Advanced Practice Registered Nurses by Area Health Education Center (AHEC) Regions

Table 34 -- VT Advanced Practice Nurses, 2002

Age by AHEC Region

AHEC Region	Total	Number in Age Group						Age 60+ (%)
		<35	35-44	45-54	55-59	60-64	65+	
STATEWIDE TOTAL								
Total	354	28	75	193	36	13	8	6%
Primary Care	224	16	47	129	17	11	4	7%
Specialists	130	12	28	64	19	2	4	5%
Champlain Valley								
Primary Care	80	5	15	50	3	6	1	9%
Specialists	70	7	19	33	9	.	1	1%
Northeast VT								
Primary Care	61	5	14	32	6	3	1	7%
Specialists	23	1	3	13	3	.	3	13%
Southern VT								
Primary Care	83	6	18	47	8	2	2	5%
Specialists	37	4	6	18	7	2	.	5%

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

The "Total" column includes 1 APRN with unknown age.
See Note 1 for a description of the calculation of ages.

Table 35 -- VT Advanced Practice Nurses, 2002
 Numbers of Providers, 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		354	234	146
		250.8	150.8	100.0
		10389	6194	4194
Champlain Valley		156	90	80
		110.3	53.0	57.3
		4571	2160	2411
Northeast VT		88	64	26
		57.5	42.7	14.9
		2347	1735	613
Southern VT		121	88	43
		83.0	55.1	27.8
		3470	2300	1171

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

Table 36 -- VT Advanced Practice Nurses, 2002
 Numbers of Primary Care Providers, Full Time Equivalents (FTEs)
 and Total Weekly Patient Care Hours by AHEC Region

Count	PRIMARY						
	CARE						
FTEs	TOTAL	ADULT	FAMILY	GERONTOL	MIDWIFE	OB/GYN	PEDIATRIC
Hours							
STATEWIDE TOTAL	234	58	83	7	30	63	25
	150.8	33.5	51.5	2.8	20.2	29.7	13.2
	6194	1374	2110	115	849	1199	547
Champlain Valley	90	28	24	3	10	25	12
	53.0	15.3	14.1	.4	6.1	12.4	4.7
	2160	635	570	18	250	501	187
Northeast VT	64	10	25	1	7	14	11
	42.7	7.5	16.4	.4	4.5	7.6	6.1
	1735	301	671	15	188	306	254
Southern VT	88	21	36	4	13	24	5
	55.1	10.6	21.0	2.0	9.6	9.6	2.4
	2300	438	869	82	412	392	106

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

Table 37 -- VT Advanced Practice Nurses, 2002
 Numbers of Specialty Care Providers, Full Time Equivalents (FTEs)
 and Total Weekly Patient Care Hours by AHEC Region

Count	SPECIALTY						
	CARE	EMERG.	ANESTHE-	MED./	MENTAL		
FTEs	TOTAL	MEDIC.	SIOLGY	SURG.	HEALTH	SCHOOL	OTHER
Hours							
STATEWIDE TOTAL	146	14	34	4	39	7	50
	100.0	8.0	27.3	3.0	25.0	3.1	33.5
	4194	334	1167	133	1030	127	1403
Champlain Valley	80	10	19	3	12	3	33
	57.3	6.2	16.0	2.8	6.6	1.3	24.5
	2411	260	672	127	263	50	1039
Northeast VT	26	2	2	1	16	1	5
	14.9	.7	2.0	.2	9.3	.5	2.2
	613	30	80	6	388	21	88
Southern VT	43	2	13	.	14	3	12
	27.8	1.1	9.4	.	9.2	1.4	6.8
	1171	45	415	.	380	56	276

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

Table 38 -- VT Advanced Practice Nurses, 2002
 Primary Care Provider FTE to Population Ratios
 by AHEC Region

Region	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	150.80	615611	24.50	4082
Champlain Valley	53.01	238377	22.24	4497
Northeast VT	42.65	173844	24.53	4076
Southern VT	55.14	203390	27.11	3688

Only primary care providers are included in this table.

One FTE is defined as 40 (or more) hours per week.
 See Note 4 regarding calculation of FTEs by area.
 The FTEs are rounded to two digits for display only.
 The ratios were calculated using the unrounded values.

Population estimates are for the year 2002,
 and were provided by Claritas, Inc. (see Note 7).

Vermont Advanced Practice Registered Nurses

Comparison Between 2000 and 2002

Table 39 -- VT Advanced Practice Nurses, 2000 and 2002
 Changes in Number of APRNs, Patient Care Hours,
 and Specialties, between 2000 and 2002

	2000	2002	Change	
TOTAL	338	354	+16	+5%
Type of APRN: (each APRN may report more than one type)				
Nurse Practitioner (NP)	241	253	+12	+5%
Certified Nurse Midwife (CNM)	36	42	+6	+17%
Clinical Nurse Specialist (CNS)	40	41	+1	+3%
Certified RN Anesthetist (CRNA)	36	34	-2	-6%
Age groups:				
younger than 35	26	28	+2	+8%
35 - 44	91	75	-16	-18%
45 - 54	170	193	+23	+14%
55 - 64	40	49	+9	+23%
65 and older	7	8	+1	+14%
Gender:				
Male	33	32	-1	-3%
Female	305	322	+17	+6%
Patient care hours:				
40 or more hours/week	101	118	+17	+17%
30 to under 40 hours/week	70	84	+14	+20%
20 to under 30 hours/week	75	66	-9	-12%
less than 20 hours/week	92	86	-6	-7%
Main specialty:				
Primary Care Total	221	224	+3	+1%
Adult	59	52	-7	-12%
Family	63	72	+9	+14%
Gerontology	8	4	-4	-50%
Midwifery	27	28	+1	+4%
Ob/Gyn	39	46	+7	+18%
Pediatrics	25	22	-3	-12%
Specialty Care Total	117	130	+13	+11%
Acute Care	7	9	+2	+29%
Anesthesiology	36	34	-2	-6%
Medical/Surgical	7	4	-3	-43%
Mental Health	38	37	-1	-3%
School	2	5	+3	+150%
Other Specialties	27	41	+14	+52%

Table 40 -- VT Advanced Practice Nurses
Full Time Equivalent (FTEs) by County,
in 2000 and in 2002

PRIMARY CARE:

	2000	2002	Change
	-----	-----	-----
STATE TOTAL	136.6	150.8	+14.2
Addison County	6.4	5.4	-1.0
Bennington County	6.7	8.2	+1.5
Caledonia County	8.8	9.8	+1.0
Chittenden County	41.1	43.9	+2.8
Essex County	1.1	.9	-.2
Franklin County	3.9	3.2	-.7
Grand Isle County	.5	.5	.
Lamoille County	7.1	8.5	+1.4
Orange County	8.0	6.9	-1.1
Orleans County	7.4	4.9	-2.5
Rutland County	11.2	13.5	+2.3
Washington County	7.7	11.6	+3.9
Windham County	15.8	18.9	+3.1
Windsor County	10.8	14.5	+3.7

SPECIALTY CARE:

	2000	2002	Change
	-----	-----	-----
STATE TOTAL	89.6	100.0	+10.4
Addison County	4.5	3.5	-1.0
Bennington County	6.8	6.8	.
Caledonia County	4.6	5.6	+1.0
Chittenden County	37.8	50.8	+13.0
Essex County	.	.	.
Franklin County	1.4	2.9	+1.5
Grand Isle County	.1	.2	+.1
Lamoille County	1.1	1.4	+.3
Orange County	2.0	.8	-1.2
Orleans County	1.0	1.0	.
Rutland County	9.2	10.0	+.8
Washington County	5.9	6.1	+.2
Windham County	9.9	5.0	-4.9
Windsor County	5.2	6.1	+.9

Appendices

Appendix A. General Notes and Terms

Definition of Active APRN

An APRN who was actively licensed in Vermont as of late 2002, and who provided patient care hours in Vermont (not as locum tenens) as reported in the survey, is considered active.

APRNs not represented in these tables

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

Specialties

APRNs reported their specialties using a predefined list (see the survey form, Appendix C). Nobody reported the “primary care / other” specialty, thus it does not appear in the tables in this report.

Determination of an APRN’s main specialty

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

Main setting

Main setting is the practice setting in which the APRN provides the greatest number of patient care hours. The practice setting is the context in which patient care is given, and was reported in the site-by-site section of the survey (see Appendix C).

Main County, or other geographical area

Main county (or HCA, etc) is the county (or HCA, etc) in which the APRN practices the greatest number of patient care hours.

Primary care

Work done in a hospital emergency room was not counted as primary care, rather, it was recoded as the “specialty care / other” specialty. The same holds for “Pediatrics” reported to be done in a hospital inpatient setting.

APRNs who practice exclusively in hospital settings

If **all** of an APRN’s patient care settings at all sites are “hospital inpatient”, then the APRN is considered to be a specialist, even if primary care specialties are reported. However, if **some** of the APRN’s primary care patient care is in the inpatient setting, and some is in the outpatient setting, then both are considered to be primary care, *including* their work in the inpatient setting.

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. An APRN 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 APRN 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 is never more than 1.0. In the fourth example the APRN 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.

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

Tables displaying each APRN 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 APRN 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 APRNs in more than one row or column, e.g., in every county the APRN 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 (referred to by number)

1. **Calculation of Age**

For the surveys of APRNs, ages are calculated as of 12/31/02, based on the date of birth. For example, a person born on any date in 1962 is considered 40 years old.

2. **“Main” Specialty and “Main” County (or other geographical area) determined independently**

Each provider's main practice specialty and main county of practice are determined independently, and are used to determine the row and column in the table in which the provider will be counted. Secondary specialties and counties are ignored. A provider 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 provider Full Time Equivalents (FTE) and Hours by County (or HCA, or other areas):**

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

Because of this inclusive approach taken in tallying provider 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 county totals which sum the town-level provider counts, the state totals which sum the county-level counts, and the “Total” of primary and secondary care combined. Unlike the totals for the counts of providers, 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).

(Notes 5 and 6 skipped intentionally)

7. **Population Estimates**

Population estimates are for 2002 and were provided by Claritas, Inc.

8. **“Main” Setting and “Main” Specialty determined independently**

Each provider’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 provider will be counted. Secondary settings and specialties are ignored. A provider may practice their main specialty primarily in a setting other than their main overall setting, but that is ignored in this table.

9. **“Main” Setting, “Main” Specialty, “Main” County determined independently**

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

10. **Notes regarding Availability of Care**

The survey form allowed the provider to answer the “availability” questions (e.g., whether they accept new patients) separately for each site. Therefore, in the tables about availability of care, the unit of counting is neither the provider nor the site, but rather the provider - site association. More than one response per provider is tabulated if that provider reported working at more than one site, or reported providing care in more than one setting within the site (and therefore filled in two site sections, see the survey instruments, Appendix C). Each response is tabulated under the specialty reported, whether or not that is the provider’s main specialty.

The following specialties are excluded from the “participate in Medicare”, “accept Medicare patients” and “Unknown” statistics (both numerator and denominator): all pediatric and midwife specialties.

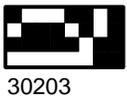
11. **Office settings only**

Only office settings are counted. Included are private practices (both solo and group) and community health centers. Emergency medicine reported as done in an office setting is not counted. Volunteer work and school nurse settings were not counted here.

(Notes 12 through 21 skipped intentionally)

22. **Patient Care Hours**

"Full Time" is defined here as 40 (or more) hours of direct patient care per week in Vermont for 48 weeks per year. Average weekly hours (based on 48 weeks per year) were computed for providers who worked more or less than 48 weeks per year.



30203

VERMONT DEPARTMENT OF HEALTH Advanced Practice Nursing Survey 2002

3

Vermont License Number

1	0	1	-	0	0														
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(Please re-enter your license number for scanning purposes)

SITE TWO - (Enter Vermont town name, not a mailing address)

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

Please fill in one practice setting box:

- Solo APRN Practice
- APRN Practice Group
- Physician/APRN Practice
- Community Health Center/Clinic
- School or College Health Center
- Business or Work Site
- Extended Care/Nursing Home
- Home Health Agency
- Hospital-based practice (ER, inpatient, outpatient, etc)

Please enter **one or two specialties** from the list on the right, **weeks per year** and the **average hours per work week** you spend providing DIRECT PATIENT CARE within each specialty. (**Exclude** hours spent reviewing patient management with a physician(s); **exclude** on-call hours.)

Specialty 1 Specialty 2

(We consider 48 weeks per year to be full time.)

Weeks 1 Weeks 2

Hours/week Hours/week

- Primary Care Codes
- 01=Adult
 - 02=Family
 - 03=Gerontology
 - 04=Midwifery
 - 05=Ob/Gyn (Women's Health)
 - 06=Pediatric
 - 07=Other _____

- Specialty Care Codes
- 08=Acute or Emergency
 - 09=Anesthesiology
 - 10=Medical/Surgical
 - 11=Psych/Mental Health
 - 12=School
 - 13=Other _____

Please fill in the 'Yes' or 'No' box for all six questions:

- | | |
|---|---|
| <input type="checkbox"/> Yes <input type="checkbox"/> No I will accept new patients at this site | <input type="checkbox"/> Yes <input type="checkbox"/> No I participate in Medicare at this site |
| <input type="checkbox"/> Yes <input type="checkbox"/> No I participate in Medicaid at this site | <input type="checkbox"/> Yes <input type="checkbox"/> No I will accept new Medicare patients at this site |
| <input type="checkbox"/> Yes <input type="checkbox"/> No I will accept new Medicaid patients at this site | <input type="checkbox"/> Yes <input type="checkbox"/> No I work as a locum tenens at this site |

SITE THREE - (Enter Vermont town name, not a mailing address)

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

Please fill in one practice setting box:

- Solo APRN Practice
- APRN Practice Group
- Physician/APRN Practice
- Community Health Center/Clinic
- School or College Health Center
- Business or Work Site
- Extended Care/Nursing Home
- Home Health Agency
- Hospital-based practice (ER, inpatient, outpatient, etc)

Please enter **one or two specialties** from the list on the right, **weeks per year** and the **average hours per work week** you spend providing DIRECT PATIENT CARE within each specialty. (**Exclude** hours spent reviewing patient management with a physician(s); **exclude** on-call hours.)

Specialty 1 Specialty 2

(We consider 48 weeks per year to be full time.)

Weeks 1 Weeks 2

Hours/week Hours/week

- Primary Care Codes
- 01=Adult
 - 02=Family
 - 03=Gerontology
 - 04=Midwifery
 - 05=Ob/Gyn (Women's Health)
 - 06=Pediatric
 - 07=Other _____

- Specialty Care Codes
- 08=Acute or Emergency
 - 09=Anesthesiology
 - 10=Medical/Surgical
 - 11=Psych/Mental Health
 - 12=School
 - 13=Other _____

Please fill in the 'Yes' or 'No' box for all six questions below:

- | | |
|---|---|
| <input type="checkbox"/> Yes <input type="checkbox"/> No I will accept new patients at this site | <input type="checkbox"/> Yes <input type="checkbox"/> No I participate in Medicare at this site |
| <input type="checkbox"/> Yes <input type="checkbox"/> No I participate in Medicaid at this site | <input type="checkbox"/> Yes <input type="checkbox"/> No I will accept new Medicare patients at this site |
| <input type="checkbox"/> Yes <input type="checkbox"/> No I will accept new Medicaid patients at this site | <input type="checkbox"/> Yes <input type="checkbox"/> No I work as a locum tenens at this site |

Please return all 3 pages, even if blank



