

Vermont Department of Health

**ADVANCED PRACTICE
REGISTERED NURSES**

2000 Survey

Statistical Report

ADVANCED PRACTICE REGISTERED NURSES

2000 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 2000; 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 2002 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 2000 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, 2001. 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 446 of 466 licensed APRNs, for a 96% response rate. One person refused to complete the survey and 19 could not be reached. Of those responding, 338 were providing patient care in Vermont. The tables presented in this report are based on these 338 active respondents.

Limitations: Responses were not obtained for 20 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 an 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 338 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.
- 221 (65%) of APRNs are mainly involved in primary care:
 - 59 Adult practice
 - 63 Family practice
 - 8 Gerontology
 - 27 Midwifery
 - 39 Obstetrics and Gynecology
 - 25 Pediatric Primary Care
- 117 (35%) of APRNs are mainly involved in specialty care:
 - 7 Acute Care
 - 36 Anesthesiology
 - 7 Medical/Surgical
 - 38 Mental Health
 - 2 School
 - 27 other specialties
- The 338 APRNs represent the equivalent of 226.2 full-time providers (FTEs, defined as 40 or more hours of patient care, 48 weeks/year). This includes 136.6 FTEs in primary care and 89.6 FTEs in specialty care.
- Ages range from 26 to 79 with median age of 47. Of the 334 APRNs with known age, 47 are over age 55, of which 15 are over 60. Years worked in Vermont ranges from 0 to 28 with median of 6. 5% plan to retire or reduce hours within a year.
- 305 (90%) of the 338 APRNs are women. 71% of the women, but only 15% of the men, practice primary care. (61% of the men practice in anesthesiology.)
- Most APRNs work in a physician/APRN group setting (36%), a community health center (21%), or a hospital outpatient clinic (15%). 12% work in a hospital inpatient setting: 39% of men and 10% of women.
- 30% of all APRNs work full-time (40 hours or more):
 - 21% of those who practice primary care, 47% of specialty care
 - 82% of men, 24% of women
 - another 21% work between 30 and 40 hours per week
- 10% of the APRNs have hospital admitting privileges, and 91% have prescriptive authority.
- 63% of the APRNs have MSN degrees.
- Between 1998 and 2000:
 - The number of APRNs increased by 39 (13%). Primary care gained 34 APRNs, evenly split between adult and family care. Specialty care gained 5.
 - In 2000, there were 32 more APRNs in the 45-54 age group than in 1998, while the 35-44 age group declined by 17. The median age increased by one year.

Vermont Advanced Practice Registered Nurses

Demographic Characteristics

Table 1 -- VT Advanced Practice Nurses, 2000
Summary of Active Providers

TOTAL	338	
Type of APRN: (each APRN may report more than one type)		
Nurse Practitioner (NP)	241	(71%)
Certified Nurse Midwife (CNM)	36	(11%)
Clinical Nurse Specialist (CNS)	40	(12%)
Certified RN Anesthetist (CRNA)	36	(11%)
Age groups:		
younger than 35	26	(8%)
35 - 44	91	(27%)
45 - 54	170	(51%)
55 - 64	40	(12%)
65 and older	7	(2%)
unknown *	4	
Gender:		
Male	33	(10%)
Female	305	(90%)
Patient care hours:		
40 or more hours/week	101	(30%)
30 to under 40 hours/week	70	(21%)
20 to under 30 hours/week	75	(22%)
less than 20 hours/week	92	(27%)
Number of practice sites:		
One	261	(77%)
Two	64	(19%)
Three or more	13	(4%)
Main specialty:		
Primary Care Total	221	(65%)
Adult	59	(17%)
Family	63	(19%)
Gerontology	8	(2%)
Midwifery	27	(8%)
Ob/Gyn	39	(12%)
Pediatrics	25	(7%)
Specialty Care Total	117	(35%)
Acute Care	7	(2%)
Anesthesiology	36	(11%)
Medical/Surgical	7	(2%)
Mental Health	38	(11%)
School	2	(1%)
Other Specialties	27	(8%)

* unknowns are excluded from the percentages

Table 2 -- VT Advanced Practice Nurses, 2000
Separate Summaries by APRN Type

APRN type *	NP	CNM	CNS	CRNA	TOTAL
	-----	-----	-----	-----	-----
TOTAL	241 (100%)	36 (100%)	40 (100%)	36 (100%)	338 (100%)
Age groups:					
younger than 35	20 (8%)	5 (14%)	0 (0%)	2 (6%)	26 (8%)
35 - 44	62 (26%)	14 (39%)	7 (18%)	13 (37%)	91 (27%)
45 - 54	127 (53%)	15 (42%)	25 (63%)	12 (34%)	170 (51%)
55 - 64	24 (10%)	2 (6%)	6 (15%)	8 (23%)	40 (12%)
65 and older	5 (2%)	0 (0%)	2 (5%)	0 (0%)	7 (2%)
Gender:					
Male	10 (4%)	0 (0%)	4 (10%)	20 (56%)	33 (10%)
Female	231 (96%)	36 (100%)	36 (90%)	16 (44%)	305 (90%)
Patient care hours:					
40 or more hours/week	54 (22%)	14 (39%)	16 (40%)	25 (69%)	101 (30%)
30 to under 40 hrs/wk	52 (22%)	11 (31%)	9 (23%)	1 (3%)	70 (21%)
20 to under 30 hrs/wk	64 (27%)	4 (11%)	5 (13%)	3 (8%)	75 (22%)
less than 20 hrs/wk	71 (29%)	7 (19%)	10 (25%)	7 (19%)	92 (27%)
Number of practice sites:					
One	191 (79%)	22 (61%)	25 (63%)	33 (92%)	261 (77%)
Two	45 (19%)	8 (22%)	12 (30%)	3 (8%)	64 (19%)
Three or more	5 (2%)	6 (17%)	3 (8%)	0 (0%)	13 (4%)
Main specialty:					
Primary Care Total	191 (79%)	34 (94%)	4 (10%)	. (.)	221 (65%)
Adult	57 (24%)	1 (3%)	3 (8%)	. (.)	59 (17%)
Family	63 (26%)	2 (6%)	. (.)	. (.)	63 (19%)
Gerontology	8 (3%)	. (.)	. (.)	. (.)	8 (2%)
Midwifery	2 (1%)	27 (75%)	. (.)	. (.)	27 (8%)
Ob/Gyn	36 (15%)	4 (11%)	. (.)	. (.)	39 (12%)
Pediatrics	25 (10%)	. (.)	1 (3%)	. (.)	25 (7%)
Specialty Care Total	50 (21%)	2 (6%)	36 (90%)	36 (100%)	117 (35%)
Acute Care	7 (3%)	. (.)	. (.)	. (.)	7 (2%)
Anesthesiology	. (.)	. (.)	. (.)	36 (100%)	36 (11%)
Medical/Surgical	6 (2%)	. (.)	1 (3%)	. (.)	7 (2%)
Mental Health	11 (5%)	. (.)	32 (80%)	. (.)	38 (11%)
School	2 (1%)	. (.)	. (.)	. (.)	2 (1%)
Other Specialties	24 (10%)	2 (6%)	3 (8%)	. (.)	27 (8%)

* 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 APRNs, 2000
Age by Specialty and by Gender

	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	338	26	91	170	32	8	7	4%
MALES	33	1	5	21	5	1	0	3%
FEMALES	305	25	86	149	27	7	7	5%
PRIMARY CARE	221	21	63	112	16	5	3	4%
Adult	59	7	12	35	3	2	0	3%
Family	63	7	20	24	7	1	3	6%
Gerontology	8	2	2	3	0	1	0	13%
Midwifery	27	3	10	12	1	1	0	4%
Ob/Gyn	39	1	12	24	2	0	0	0%
Pediatrics	25	1	7	14	3	0	0	0%
SPECIALTY CARE	117	5	28	58	16	3	4	6%
Acute Care	7	1	0	6	0	0	0	0%
Anesthesiology	36	2	13	12	5	3	0	8%
Medical/Surgical	7	0	1	5	0	0	0	0%
Mental Health	38	0	6	21	7	0	3	8%
School	2	0	0	1	1	0	0	0%
Other Specialties	27	2	8	13	3	0	1	4%
	Total	Percent in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	8%	27%	51%	10%	2%	2%	4%
MALES	100%	3%	15%	64%	15%	3%	0%	3%
FEMALES	100%	8%	29%	50%	9%	2%	2%	5%
PRIMARY CARE	100%	10%	29%	51%	7%	2%	1%	4%
SPECIALTY CARE	100%	4%	25%	51%	14%	3%	4%	6%

The 'Total' column includes 4 providers with unknown ages.

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

Table 4 -- VT APRNs, 2000
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	338	26	91	170	32	8	7	4%
MALES	33	1	5	21	5	1	0	3%
PRIMARY CARE	5	0	0	5	0	0	0	0%
Family	3	0	0	3	0	0	0	0%
Gerontology	1	0	0	1	0	0	0	0%
Pediatrics	1	0	0	1	0	0	0	0%
SPECIALTY CARE	28	1	5	16	5	1	0	4%
Acute Care	1	0	0	1	0	0	0	0%
Anesthesiology	20	1	3	11	4	1	0	5%
Medical/Surgical	2	0	1	1	0	0	0	0%
Mental Health	3	0	0	3	0	0	0	0%
Other Specialties	2	0	1	0	1	0	0	0%
FEMALES	305	25	86	149	27	7	7	5%
PRIMARY CARE	216	21	63	107	16	5	3	4%
Adult	59	7	12	35	3	2	0	3%
Family	60	7	20	21	7	1	3	7%
Gerontology	7	2	2	2	0	1	0	14%
Midwifery	27	3	10	12	1	1	0	4%
Ob/Gyn	39	1	12	24	2	0	0	0%
Pediatrics	24	1	7	13	3	0	0	0%
SPECIALTY CARE	89	4	23	42	11	2	4	7%
Acute Care	6	1	0	5	0	0	0	0%
Anesthesiology	16	1	10	1	1	2	0	13%
Medical/Surgical	5	0	0	4	0	0	0	0%
Mental Health	35	0	6	18	7	0	3	9%
School	2	0	0	1	1	0	0	0%
Other Specialties	25	2	7	13	2	0	1	4%

The 'Total' column includes 4 providers with unknown ages.

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

Table 5 -- VT APRNs, 2000
Age by County

County	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	338	26	91	170	32	8	7	4%
Primary Care	221	21	63	112	16	5	3	4%
Specialists	117	5	28	58	16	3	4	6%
Addison County								
Primary Care	10	1	4	5	0	0	0	0%
Specialists	5	0	0	5	0	0	0	0%
Bennington County								
Primary Care	12	2	3	5	1	1	0	8%
Specialists	11	2	1	6	1	0	0	0%
Caledonia County								
Primary Care	13	0	0	11	2	0	0	0%
Specialists	7	0	0	4	1	1	0	17%
Chittenden County								
Primary Care	67	6	20	35	4	1	1	3%
Specialists	48	3	19	22	3	0	1	2%
Essex County								
Primary Care	2	0	1	1	0	0	0	0%
Specialists	0	0	0	0	0	0	0	.
Franklin County								
Primary Care	5	1	1	2	1	0	0	0%
Specialists	2	0	0	2	0	0	0	0%
Grand Isle County								
Primary Care	1	0	0	0	1	0	0	0%
Specialists	0	0	0	0	0	0	0	.
Lamoille County								
Primary Care	9	1	3	5	0	0	0	0%
Specialists	2	0	0	2	0	0	0	0%
Orange County								
Primary Care	11	1	6	3	1	0	0	0%
Specialists	2	0	1	1	0	0	0	0%
Orleans County								
Primary Care	8	0	3	4	1	0	0	0%
Specialists	1	0	0	1	0	0	0	0%
Rutland County								
Primary Care	18	1	6	11	0	0	0	0%
Specialists	12	0	1	7	4	0	0	0%
Washington County								
Primary Care	13	2	4	5	1	1	0	8%
Specialists	8	0	2	1	1	1	2	43%
Windham County								
Primary Care	29	2	8	14	2	1	1	7%
Specialists	12	0	3	6	2	0	1	8%
Windsor County								
Primary Care	23	4	4	11	2	1	1	9%
Specialists	7	0	1	1	4	1	0	14%

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

The 'Total' column includes 4 providers with unknown ages.
See Note 1 for a description of the calculation of ages.

Table 6 -- VT APRNs, 2000
Gender by County

County	Total	Males	Females
STATEWIDE TOTAL			
Total	338	33 (10%)	305 (90%)
Primary Care	221	5 (2%)	216 (98%)
Specialists	117	28 (24%)	89 (76%)
Addison County			
Primary Care	10	0 (0%)	10 (100%)
Specialists	5	2 (40%)	3 (60%)
Bennington County			
Primary Care	12	0 (0%)	12 (100%)
Specialists	11	3 (27%)	8 (73%)
Caledonia County			
Primary Care	13	0 (0%)	13 (100%)
Specialists	7	2 (29%)	5 (71%)
Chittenden County			
Primary Care	67	1 (1%)	66 (99%)
Specialists	48	12 (25%)	36 (75%)
Essex County			
Primary Care	2	0 (0%)	2 (100%)
Specialists	0	.	.
Franklin County			
Primary Care	5	0 (0%)	5 (100%)
Specialists	2	0 (0%)	2 (100%)
Grand Isle County			
Primary Care	1	0	1
Specialists	0	.	.
Lamoille County			
Primary Care	9	0 (0%)	9 (100%)
Specialists	2	0 (0%)	2 (100%)
Orange County			
Primary Care	11	0 (0%)	11 (100%)
Specialists	2	1 (50%)	1 (50%)
Orleans County			
Primary Care	8	0 (0%)	8 (100%)
Specialists	1	0	1
Rutland County			
Primary Care	18	0 (0%)	18 (100%)
Specialists	12	4 (33%)	8 (67%)
Washington County			
Primary Care	13	0 (0%)	13 (100%)
Specialists	8	0 (0%)	8 (100%)
Windham County			
Primary Care	29	2 (7%)	27 (93%)
Specialists	12	3 (25%)	9 (75%)
Windsor County			
Primary Care	23	2 (9%)	21 (91%)
Specialists	7	1 (14%)	6 (86%)

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 APRNs, 2000
 Years in Clinical Practice

In Clinical Practice	Total	In Vermont
less than a year	13 (5%)	21 (8%)
1 or 2 years	39 (14%)	53 (19%)
3 or 4 years	38 (14%)	39 (14%)
5 to 9 years	50 (18%)	64 (23%)
10 to 14 years	41 (15%)	40 (14%)
15 to 19 years	42 (15%)	25 (9%)
20 years or more	56 (20%)	37 (13%)
unknown	59	59
Total	338	338

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

Table 8 -- VT APRNs, 2000
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	226.2	17.5	60.1	116.5	20.5	5.5	3.1	4%
MALES	30.6	1.0	5.0	18.6	5.0	1.0	.	3%
FEMALES	195.6	16.5	55.1	97.9	15.5	4.5	3.1	4%
PRIMARY CARE	136.6	13.6	37.3	72.9	8.8	2.9	.6	3%
Adult	34.7	3.7	6.5	22.3	1.4	.8	.	2%
Family	40.7	4.7	11.8	18.0	4.1	.9	.6	4%
Gerontology	5.8	1.7	1.5	2.5	.	.2	.	3%
Midwifery	19.2	2.7	7.0	8.2	.5	.8	.	4%
Ob/Gyn	23.1	.5	6.8	14.9	.7	.2	.	1%
Pediatrics	13.2	.3	3.7	7.0	2.2	.	.	0%
SPECIALTY CARE	89.6	3.9	22.8	43.6	11.7	2.6	2.5	6%
Acute Care	5.9	.5	.6	4.8	.	.	.	0%
Anesthesiology	29.1	1.1	10.6	9.6	4.2	2.6	.	9%
Medical/Surgical	5.8	.	1.0	4.3	.	.	.	0%
Mental Health	27.6	.	5.4	14.6	4.7	.	1.9	7%
School	.9	.	.1	.7	.1	.	.	0%
Other Specialties	20.2	2.3	5.2	9.6	2.6	.	.6	3%

	Total	% of total FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	8%	27%	52%	9%	2%	1%	4%
MALES	100%	3%	16%	61%	16%	3%	.	3%
FEMALES	100%	9%	29%	51%	8%	2%	2%	4%
PRIMARY CARE	100%	10%	27%	54%	6%	2%	<.5%	3%
SPECIALTY CARE	100%	4%	26%	50%	13%	3%	3%	6%

The 'Total' column includes 3.0 FTEs with unknown ages.

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

Table 9 -- VT APRNs, 2000
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	226.2	17.5	60.1	116.5	20.5	5.5	3.1	4%
Primary Care	136.6	13.6	37.3	72.9	8.8	2.9	.6	3%
Specialists	89.6	3.9	22.8	43.6	11.7	2.6	2.5	6%
Addison County								
Primary Care	6.4	1.0	2.6	2.8	.	.	.	.
Specialists	4.5	.	.	4.5	.	.	.	.
Bennington County								
Primary Care	6.7	1.8	1.5	2.8	.5	.2	.	3%
Specialists	6.8	1.1	.3	4.7	.2	.	.	.
Caledonia County								
Primary Care	8.8	.	.1	7.2	1.6	.	.	.
Specialists	4.6	.	.	2.5	.1	1.0	.	28%
Chittenden County								
Primary Care	41.1	4.5	11.0	21.6	2.9	1.0	.2	3%
Specialists	37.8	2.8	14.9	16.9	2.2	.	1.0	3%
Essex County								
Primary Care	1.1	.	<.05	1.0	.	.	.	.
Specialists	<.05	.	.	.	.	.	.	.
Franklin County								
Primary Care	3.9	.2	.8	2.4	.5	.	.	.
Specialists	1.4	.	.3	1.2	.	.	.	.
Grand Isle County								
Primary Care	.5	.	.	.	.5	.	.	.
Specialists	.1	.	.	.	.	.	.1	100%
Lamoille County								
Primary Care	7.1	.8	2.2	4.1	.	.	.	.
Specialists	1.1	.	.	1.1	.	.	.	.
Orange County								
Primary Care	8.0	1.0	4.2	2.3	.5	.	.	.
Specialists	2.0	.	.6	1.0	.4	.	.	.
Orleans County								
Primary Care	7.4	.	3.0	3.7	.7	.	.	.
Specialists	1.0	.	.	1.0	.	.	.	.
Rutland County								
Primary Care	11.2	.3	2.5	8.4	.	.	.	.
Specialists	9.2	.	1.3	4.2	3.8	.	.	.
Washington County								
Primary Care	7.7	1.2	2.1	2.9	.7	.9	.	12%
Specialists	5.9	.	1.9	1.1	.2	1.0	.7	35%
Windham County								
Primary Care	15.8	1.8	4.2	8.2	.8	.3	.1	3%
Specialists	9.9	.	2.8	5.3	1.1	.	.6	6%
Windsor County								
Primary Care	10.8	1.2	3.1	5.5	.2	.5	.3	8%
Specialists	5.2	.	.6	.2	3.8	.6	.	11%

The 'Total' column includes 3.0 FTEs with unknown ages.
See Note 1 for a description of the calculation of ages.
See Note 4 regarding calculation of FTEs by county.

Table 10 -- VT APRNs, 2000
 Numbers of Nurses, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by County

Count	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
FTEs			
Hours			
STATEWIDE TOTAL	338 226.2 9589	227 136.6 5663	130 89.6 3926
Addison County	17 10.9 453	11 6.4 262	7 4.5 191
Bennington County	23 13.6 615	12 6.7 294	12 6.8 322
Caledonia County	22 13.4 592	16 8.8 357	7 4.6 235
Chittenden County	118 78.9 3326	72 41.1 1684	54 37.8 1642
Essex County	3 1.1 42	3 1.1 42	.. ..
Franklin County	11 5.3 216	7 3.9 159	4 1.4 57
Grand Isle County	2 .7 26	1 .5 21	1 .1 5
Lamoille County	11 8.2 365	9 7.1 316	3 1.1 49
Orange County	16 10.0 420	13 8.0 339	3 2.0 81
Orleans County	10 8.4 337	8 7.4 297	2 1.0 40
Rutland County	33 20.5 841	22 11.2 453	13 9.2 388
Washington County	25 13.6 574	15 7.7 310	10 5.9 264
Windham County	43 25.7 1122	31 15.8 680	15 9.9 442
Windsor County	36 16.0 659	28 10.8 448	9 5.2 211

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

Table 11 -- VT APRNs, 2000
 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	227 136.6 5663	68 34.7 1430	73 40.7 1680	9 5.8 275	29 19.2 809	54 23.1 928	27 13.2 541
Addison County	11 6.4 262	2 1.0 44	3 2.2 89	1 .7 32	1 .8 32	2 .8 32	3 .9 34
Bennington County	12 6.7 294	1 .4 16	4 1.7 67	3 1.7 78	3 2.4 109	2 .6 23	.. .. .
Caledonia County	16 8.8 357	3 1.1 48	4 3.1 123	. . . . .	3 2.1 85	4 1.8 71	2 .8 31
Chittenden County	72 41.1 1684	27 14.7 598	12 5.7 229	3 1.7 81	10 6.0 252	21 8.6 345	12 4.5 180
Essex County	3 1.1 42	1 .6 25	2 .4 17	.. .. .	.. .. .	.. .. .	.. .. .
Franklin County	7 3.9 159	3 .9 37	2 1.2 48	. . . . .	. . . . .	2 1.8 74	.. .. .
Grand Isle County	1 .5 21	. . . . .	1 .5 21	.. .. .	.. .. .	.. .. .	.. .. .
Lamoille County	9 7.1 316	3 1.8 78	2 1.8 84	. . . . .	2 1.6 65	1 .9 37	1 1.0 52
Orange County	13 8.0 339	3 2.0 84	4 2.5 113	1 .1 4	3 1.6 63	. . . . .	4 1.9 75
Orleans County	8 7.4 297	1 1.0 38	4 3.7 149	. . . . .	1 .5 20	2 1.3 50	1 1.0 40
Rutland County	22 11.2 453	6 3.5 145	9 5.0 199	. . . . .	1 .2 8	7 2.2 88	2 .3 13
Washington County	15 7.7 310	1 .7 27	6 3.9 157	. . . . .	2 .2 8	4 1.9 75	2 1.0 42
Windham County	31 15.8 680	8 3.6 156	13 6.7 290	. . . . .	5 2.8 124	7 1.7 67	2 1.1 43
Windsor County	28 10.8 448	11 3.3 134	8 2.3 94	2 1.7 80	5 1.1 44	6 1.6 65	1 .8 32

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

Similar town-level data are available on request.

Table 12 -- VT APRNs, 2000
 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	130 89.6 3926	12 5.9 245	36 29.1 1312	8 5.8 247	39 27.6 1218	4 .9 37	37 20.2 867
Addison County	7 4.5 191	. . . . .	2 1.8 70	. . . . .	3 1.9 86	1 .7 28	1 .2 6
Bennington County	12 6.8 322	1 .5 20	6 3.5 171	1 .5 20	1 1.0 58	1 .1 4	3 1.2 48
Caledonia County	7 4.6 235	. . . . .	2 2.0 115	. . . . .	3 1.6 78	1 .1 4	2 .9 39
Chittenden County	54 37.8 1642	4 3.2 133	17 14.2 631	5 4.1 166	9 5.8 254	1 <.05 1	19 10.4 458
Essex County	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Franklin County	4 1.4 57	2 .9 37	. . . . .	. . . . .	2 .5 20	.. .. .	.. .. .
Grand Isle County	1 .1 5	. . . . .	. . . . .	. . . . .	1 .1 5	.. .. .	.. .. .
Lamoille County	3 1.1 49	1 .2 9	. . . . .	1 .3 12	1 .5 20	. . . . .	1 .2 9
Orange County	3 2.0 81	. . . . .	1 1.0 40	. . . . .	1 .4 16	. . . . .	1 .6 25
Orleans County	2 1.0 40	. . . . .	. . . . .	. . . . .	2 1.0 40	.. .. .	.. .. .
Rutland County	13 9.2 388	2 1.0 40	4 3.0 140	. . . . .	5 3.8 155	. . . . .	2 1.3 54
Washington County	10 5.9 264	. . . . .	1 1.0 40	. . . . .	7 3.2 157	. . . . .	2 1.7 67
Windham County	15 9.9 442	2 .1 6	1 .5 20	1 .9 50	7 5.2 229	. . . . .	5 3.2 137
Windsor County	9 5.2 211	. . . . .	3 2.1 86	. . . . .	5 2.5 100	. . . . .	1 .6 25

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

Similar town-level data are available on request.

Table 13 -- VT APRNs, 2000
 Primary Care Provider FTE to Population Ratios
 by County

County	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	136.65	608,827	22.44	4,455
Addison County	6.36	35,974	17.68	5,657
Bennington County	6.74	36,994	18.23	5,485
Caledonia County	8.84	29,702	29.76	3,360
Chittenden County	41.12	146,571	28.05	3,565
Essex County	1.06	6,459	16.39	6,103
Franklin County	3.91	45,417	8.61	11,614
Grand Isle County	.52	6,901	7.55	13,250
Lamoille County	7.11	23,233	30.59	3,269
Orange County	8.00	28,226	28.36	3,527
Orleans County	7.35	26,277	27.98	3,574
Rutland County	11.23	63,400	17.71	5,646
Washington County	7.75	58,039	13.35	7,493
Windham County	15.83	44,216	35.81	2,793
Windsor County	10.82	57,418	18.85	5,305

Only primary care providers are included in this table.

One FTE is defined as 40 (or more) hours per week.
 The FTEs are rounded to two digits for display only.
 The ratios were calculated using the unrounded values.

See Note 4 regarding calculation of FTEs by county.

Population numbers are from the 2000 Census (Note 7).

Table 14 -- VT APRNs, 2000
 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	34.7	40.7	5.8	19.2	23.1	13.2	.
Solo Practice	.6	1.1	<.05	2.3	.6	.	.
APRN Practice Group	1.0	.	.	2.9	.2	.	.
Phys/APRN Practice	14.2	21.9	2.2	12.5	5.4	11.0	.
Community Health Ctr	3.2	8.8	.	.2	11.5	.4	.
Hosp Outpat Clinic	10.6	6.2	2.2	.9	3.4	.6	.
School / College	4.0	1.8	.	.	1.9	1.2	.
Business / Worksite	.6	.	.	.	.	.	.
Hosp Emergency Room	.	.	.	.	.	.	.
Hospital Inpatient	.	.9	.	.4	.	.	.
Extended Care	.2	.	1.4	.	.	.	.
Home Health Agency	.2	.	.	.	.	.	.

Care Setting	FTEs in Specialty					
	Acute	Anesth	Med/Surg	Psych	School	Other Specialty
TOTAL, all settings	5.9	29.1	5.8	27.6	.9	20.2
Solo Practice	.	.	.	8.4	.	1.0
APRN Practice Group	.	.	.	1.7	.	.
Phys/APRN Practice	.8	12.7	1.3	1.2	.	5.5
Community Health Ctr	.	.	.9	9.9	.	.5
Hosp Outpat Clinic	.	<.05	2.3	4.0	.	4.3
School / College	.	.	.	.	.9	.1
Business / Worksite	.	.	.	.2	.	.
Hosp Emergency Room	1.4	.	.	.	.	.3
Hospital Inpatient	3.7	16.3	1.4	2.3	.	8.5
Extended Care	.	.	.	.	.	.
Home Health Agency	.	.	.	.	.	.

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, 2000
Education and Certification

	Type of Advanced Practice Nurse *				TOTAL	
	NP	CNM	CNS	CRNA		
TOTAL	241	36	40	36	338	(100 %)

Highest level of nursing education:

Diploma	15	2	2	4	23	(8 %)
ADN	11	5	1	4	19	(6 %)
BSN	31	3	5	9	46	(15 %)
MSN	146	19	27	5	187	(63 %)
Doctorate	2	0	0	0	2	(1 %)
Other	14	3	1	3	20	(7 %)
Unknown	22	4	4	11	41	

Additional, non-nursing, degrees, if any: **

BA	37	13	3	0	51	(15 %)
MPH	5	3	0	0	8	(2 %)
MA or MS	12	0	7	4	21	(6 %)
Doctorate	4	0	4	0	7	(2 %)
Other	27	1	2	3	33	(10 %)
None reported	166	22	27	29	233	(69 %)

APRN preparation:

Certificate	77	16	7	14	110	(37 %)
MSN	123	14	24	4	157	(53 %)
Other	18	2	4	6	27	(9 %)
Unknown	23	4	5	12	44	

* 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 APRNs, 2000
 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	338	72	98	10	34	40	22	6	99
Adult	59	43	13	3	1	3	0	0	6
Family	63	4	57	0	1	2	4	0	4
Gerontology	8	2	2	4	0	0	0	0	3
Midwifery	27	0	1	0	26	7	0	0	1
Ob/Gyn	39	5	7	1	4	25	0	0	5
Pediatrics	25	0	5	0	0	0	16	0	5
Acute Care	7	3	1	1	0	0	0	0	3
Anesthesiology	36	0	1	0	0	0	0	1	34
Medical/Surgical	7	2	2	0	0	1	0	0	3
Mental Health	38	7	1	0	0	0	0	0	30
School	2	0	1	0	0	0	1	0	0
Other Specialties	27	6	7	1	2	2	1	5	5

Holds Credentials in Specialty Care Area

Main Practice Specialty	TOTAL	ACUTE	ANESTH- ESIOL.	MEDICAL/ SURGICAL	MENTAL HEALTH	SCHOOL	OTHER	NONE REPORTED
TOTAL	338	11	25	1	35	4	24	242
Adult	59	1	0	0	1	1	6	50
Family	63	3	0	0	0	1	0	59
Gerontology	8	0	0	0	0	0	0	8
Midwifery	27	0	0	0	0	0	0	27
Ob/Gyn	39	0	0	0	0	0	1	38
Pediatrics	25	0	0	0	0	2	2	21
Acute Care	7	5	0	0	0	0	2	2
Anesthesiology	36	0	25	0	0	0	1	10
Medical/Surgical	7	0	0	0	1	0	1	5
Mental Health	38	0	0	0	33	0	1	5
School	2	0	0	0	0	0	0	2
Other Specialties	27	2	0	1	0	0	10	15

Note: each APRN may hold credentials in more than one area

Vermont Advanced Practice Registered Nurses

Practice Characteristics

Table 17 -- VT APRNs, 2000
Practice Setting by Specialty

Care Setting	Number in Primary Care Specialty						
	Adult	Family	Geront	Midwif	Ob/Gyn	Ped	Other Primary
TOTAL, all settings	59	63	8	27	39	25	.
Solo Practice	1	1	.	3	.	.	.
APRN Practice Group	1	.	.	6	.	.	.
Phys/APRN Practice	21	31	4	15	6	19	.
Community Health Ctr	9	18	.	1	23	3	.
Hosp Outpat Clinic	18	7	3	2	6	1	.
School / College	7	4	.	.	4	2	.
Business / Worksite	1	.	.	.	.	.	.
Hosp Emergency Room	.	1	.	.	.	.	.
Hospital Inpatient	.	1	.	.	.	.	.
Extended Care	.	.	1	.	.	.	.
Home Health Agency	1	.	.	.	.	.	.

Care Setting	Number in Specialty					
	Acute	Anesth	Med/Surg	Psych	School	Other Specialty
TOTAL, all settings	7	36	7	38	2	27
Solo Practice	.	.	.	14	.	1
APRN Practice Group	.	.	.	2	.	.
Phys/APRN Practice	1	17	2	1	.	6
Community Health Ctr	.	.	1	14	.	1
Hosp Outpat Clinic	.	.	3	5	.	5
School / College	.	.	.	.	2	.
Business / Worksite	.	.	.	.	.	.
Hosp Emergency Room	1	.	.	.	.	.
Hospital Inpatient	5	19	1	2	.	14
Extended Care	.	.	.	.	.	.
Home Health Agency	.	.	.	.	.	.

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

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

Table 18 -- VT APRNs, 2000
Practice Setting by Age

Care Setting	Total		Number in Age Group					
			<35	35-44	45-54	55-59	60-64	65+
TOTAL, all settings	338	(100%)	26	91	170	32	8	7
Solo Practice	20	(6%)	.	4	9	4	.	3
APRN Practice Group	9	(3%)	1	4	4	.	.	.
Phys/APRN Practice	123	(36%)	12	35	57	11	5	1
Community Health Ctr	70	(21%)	4	18	39	6	.	2
Hosp Outpat Clinic	50	(15%)	7	9	28	4	1	1
School / College	19	(6%)	1	7	10	1	.	.
Business / Worksite	1	(0%)	.	.	.	1	.	.
Hosp Emergency Room	2	(1%)	.	1	1	.	.	.
Hospital Inpatient	42	(12%)	1	13	21	5	1	.
Extended Care	1	(0%)	.	.	.	.	1	.
Home Health Agency	1	(0%)	.	.	1	.	.	.

Each APRN is counted once in this table, in their main practice setting. The 'Total' column includes 4 providers with unknown ages (see Note 1).

Table 19 -- VT APRNs, 2000
Practice Setting by Gender

Care Setting	Total	Males		Females	
		Count	Percentage	Count	Percentage
TOTAL, all settings	338	33	(100%)	305	(100%)
Solo Practice	20	3	(9%)	17	(6%)
APRN Practice Group	9	0	(0%)	9	(3%)
Phys/APRN Practice	123	12	(36%)	111	(36%)
Community Health Ctr	70	2	(6%)	68	(22%)
Hosp Outpat Clinic	50	3	(9%)	47	(15%)
School / College	19	0	(0%)	19	(6%)
Business / Worksite	1	0	(0%)	1	(0%)
Hosp Emergency Room	2	0	(0%)	2	(1%)
Hospital Inpatient	42	13	(39%)	29	(10%)
Extended Care	1	0	(0%)	1	(0%)
Home Health Agency	1	0	(0%)	1	(0%)

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

Table 20 -- VT APRNs, 2000
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	338	28	28	29	25	30%
PRIMARY CARE	221	26	25	28	21	21%
Adult	59	25	23	28	17	17%
Family	63	27	26	31	20	22%
Gerontology	8	40	43	47	8	63%
Midwifery	27	32	33	31	33	44%
Ob/Gyn	39	22	20	25	14	5%
Pediatrics	25	22	20	21	30	12%
SPECIALTY CARE	117	33	34	32	30	47%
Acute Care	7	33	41	32	.	43%
Anesthesiology	36	36	35	36	37	69%
Medical/Surgical	7	33	40	35	.	43%
Mental Health	38	33	36	33	27	42%
School	2	16	.	28	4	0%
Other Specialties	27	29	30	27	32	30%

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

The ages of 4 APRNs are not known, they are 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 APRNs, 2000
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	33	43	45	42	43	82%
PRIMARY CARE	5	45	.	45	.	60%
Family	3	44	.	44	.	67%
Gerontology	1	55	.	55	.	100%
Pediatrics	1	38	.	38	.	0%
SPECIALTY CARE	28	42	45	41	43	86%
Acute Care	1	40	.	40	.	100%
Anesthesiology	20	41	44	38	44	85%
Medical/Surgical	2	48	40	56	.	100%
Mental Health	3	50	.	50	.	67%
Other Specialties	2	45	50	.	40	100%
FEMALES:						
ALL SPECIALTIES	305	27	27	27	23	24%
PRIMARY CARE	216	26	25	27	21	20%
Adult	59	25	23	28	17	17%
Family	60	26	26	29	20	20%
Gerontology	7	38	43	44	8	57%
Midwifery	27	32	33	31	33	44%
Ob/Gyn	39	22	20	25	14	5%
Pediatrics	24	21	20	20	30	13%
SPECIALTY CARE	89	30	31	29	25	35%
Acute Care	6	32	41	30	.	33%
Anesthesiology	16	31	31	23	24	50%
Medical/Surgical	5	27	.	29	.	20%
Mental Health	35	31	36	30	27	40%
School	2	16	.	28	4	0%
Other Specialties	25	27	27	27	30	24%

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

The ages of 4 APRNs are not known, they are 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 APRNs, 2000
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	221	26	25	28	21	21%
Specialists	117	33	34	32	30	47%
Addison County						
Primary Care	10	28	28	27	.	30%
Specialists	5	38	.	38	.	60%
Bennington County						
Primary Care	12	25	29	27	15	17%
Specialists	11	29	18	39	9	45%
Caledonia County						
Primary Care	13	26	.	26	31	23%
Specialists	7	38	.	37	27	57%
Chittenden County						
Primary Care	67	26	24	26	28	24%
Specialists	48	34	36	32	31	54%
Essex County						
Primary Care	2	13	1	25	.	0%
Specialists	0	.	.	.	.	.
Franklin County						
Primary Care	5	28	20	41	21	20%
Specialists	2	18	.	18	.	0%
Grand Isle County						
Primary Care	1	22	.	.	22	0%
Specialists	0	.	.	.	.	.
Lamoille County						
Primary Care	9	38	34	42	.	33%
Specialists	2	19	.	19	.	0%
Orange County						
Primary Care	11	31	34	28	19	18%
Specialists	2	33	25	40	.	50%
Orleans County						
Primary Care	8	38	41	39	28	50%
Specialists	1	25	.	25	.	0%
Rutland County						
Primary Care	18	25	19	29	.	22%
Specialists	12	33	32	27	42	50%
Washington County						
Primary Care	13	25	22	26	32	0%
Specialists	8	32	38	29	20	25%
Windham County						
Primary Care	29	24	25	27	12	21%
Specialists	12	35	37	37	30	50%
Windsor County						
Primary Care	23	19	20	22	10	9%
Specialists	7	28	27	8	33	29%

'Full Time' is 40 (or more) hours of direct patient care per week (in Vermont), 48 weeks/year (see Note 22). The ages of 4 APRNs are not known, they are included in the "Total", "All Ages", and "% Working Full Time" columns. See Note 1 for a description of the calculation of ages. Each APRN is counted only once (see Note 2).

Table 23 -- VT APRNs, 2000
Working On-Call, by Specialty and by Setting

Specialty	Cases	Work On Call	Missing
TOTAL	429	170 (46.8%)	66
PRIMARY CARE	276	100 (41.7%)	36
Adult	68	20 (32.3%)	6
Family	72	17 (26.2%)	7
Gerontology	11	3 (42.9%)	4
Midwifery	43	34 (85.0%)	3
Ob/Gyn	49	11 (28.2%)	10
Pediatrics	33	15 (55.6%)	6
SPECIALTY CARE	153	70 (56.9%)	30
Acute Care	10	4 (40.0%)	0
Anesthesiology	39	24 (88.9%)	12
Medical/Surgical	9	1 (20.0%)	4
Mental Health	59	25 (52.1%)	11
School	4	3 (75.0%)	0
Other Specialties	32	13 (44.8%)	3
Setting	Cases	Work On Call	Missing
TOTAL	429	170 (46.8%)	66
Solo Practice	28	20 (80.0%)	3
APRN Practice Group	15	9 (69.2%)	2
Phys/APRN Practice	152	70 (49.3%)	10
Community Health Ctr	87	21 (29.2%)	15
Hosp Outpat Clinic	58	11 (25.0%)	14
School / College	23	15 (71.4%)	2
Business / Worksite	3	1 (33.3%)	0
Hosp Emergency Room	5	2 (50.0%)	1
Hospital Inpatient	52	21 (58.3%)	16
Extended Care	5	0 (.0%)	3
Home Health Agency	1	0 (.0%)	0

Each site a provider practices in is counted separately. Cases tabulated are person-site combinations (Note 10). Missing are cases where this question was not answered. Missing cases are not included in the percentages.

Table 24 -- VT APRNs, 2000
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	338	29 (10%)	270 (91%)
PRIMARY CARE	221	21 (11%)	194 (97%)
Adult	59	4 (7%)	53 (96%)
Family	63	3 (5%)	57 (98%)
Gerontology	8	0 (0%)	5 (83%)
Midwifery	27	11 (44%)	25 (100%)
Ob/Gyn	39	0 (0%)	34 (100%)
Pediatrics	25	3 (14%)	20 (91%)
SPECIALTY CARE	117	8 (8%)	76 (78%)
Acute Care	7	1 (14%)	7 (100%)
Anesthesiology	36	1 (4%)	20 (80%)
Medical/Surgical	7	0 (0%)	5 (100%)
Mental Health	38	3 (9%)	19 (58%)
School	2	0 (0%)	2 (100%)
Other Specialties	27	3 (12%)	23 (88%)

The hospital admitting privileges of 42 provider(s), and the prescriptive authority of 40 provider(s), are unknown, they are counted in the "Total" column, but are excluded from the calculation of the percentages.

Table 25 -- VT APRNs, 2000
Practice Availability by Specialty

Specialty	Offices	Plan to Continue Practice	Accept New Patients	Accept New Medicaid Patients	Accept New Medicare Patients
		(%)	(%)	(%)	(%)
TOTAL	338	95%	93%	88%	84%
PRIMARY CARE	246	95%	93%	91%	89%
Adult	57	88%	92%	88%	88%
Family	66	97%	90%	84%	88%
Gerontology	7	100%	100%	100%	100%
Midwifery	42	100%	100%	100%	n.a.
Ob/Gyn	45	92%	95%	95%	95%
Pediatrics	29	100%	91%	91%	n.a.
SPECIALTY CARE	92	96%	93%	82%	74%
Anesthesiology	19	94%	100%	100%	94%
Medical/Surgical	7	100%	100%	100%	100%
Mental Health	52	96%	89%	74%	63%
Other Specialties	14	100%	93%	77%	77%

Office settings only (Note 11). Does not include emergency medicine.
Each site a provider practices in is counted separately (see Note 10).
'Plan to Continue Practice' is for 12 months following the survey.
Denominators for percentages do not include unknowns.

Table 26 -- VT APRNs, 2000
Practice Availability by County

County	Offices	Plan to Continue Practice	Accept New Patients	Accept New Medicaid Patients	Accept New Medicare Patients
		(%)	(%)	(%)	(%)
STATEWIDE TOTAL					
Primary Care	246	95%	93%	91%	89%
Specialists	92	96%	93%	82%	74%
Addison County					
Primary Care	8	100%	86%	86%	80%
Specialists	3	100%	67%	33%	33%
Bennington County					
Primary Care	11	100%	80%	80%	71%
Specialists	8	100%	100%	86%	86%
Caledonia County					
Primary Care	15	93%	87%	87%	90%
Specialists	5	100%	100%	100%	100%
Chittenden County					
Primary Care	71	98%	91%	90%	88%
Specialists	30	96%	88%	80%	73%
Essex County					
Primary Care	2	100%	100%	100%	100%
Specialists	0	.	.	.	.
Franklin County					
Primary Care	7	86%	86%	86%	86%
Specialists	2	50%	50%	50%	0%
Grand Isle County					
Primary Care	1	100%	100%	100%	100%
Specialists	1	100%	100%	100%	100%
Lamoille County					
Primary Care	10	100%	100%	100%	100%
Specialists	2	100%	100%	100%	0%
Orange County					
Primary Care	12	100%	100%	100%	100%
Specialists	1	100%	100%	100%	100%
Orleans County					
Primary Care	8	88%	100%	100%	100%
Specialists	2	100%	100%	100%	100%
Rutland County					
Primary Care	22	94%	100%	89%	88%
Specialists	12	100%	100%	90%	90%
Washington County					
Primary Care	15	100%	100%	100%	100%
Specialists	14	92%	100%	92%	83%
Windham County					
Primary Care	34	87%	93%	89%	87%
Specialists	7	100%	75%	75%	75%
Windsor County					
Primary Care	30	93%	96%	92%	91%
Specialists	5	100%	100%	50%	25%

Office Settings Only (Note 11). Excludes emergency medicine.
Each site a provider practices in is counted separately (Note 10).
'Plan to Continue Practice' is for 12 months following the survey.

Table 27 -- VT APRNs, 2000
 Providers Planning To Retire Or Reduce Hours

TOTAL	16
Type of APRN: (each APRN may report more than one type)	
Nurse Practitioner (NP)	13
Certified Nurse Midwife (CNM)	1
Clinical Nurse Specialist (CNS)	1
Certified RN Anesthetist (CRNA)	1
Age groups:	
younger than 35	3
35 - 44	3
45 - 54	6
55 - 64	3
65 and older	1
Gender:	
Male	0
Female	16
Current Patient care hours:	
40 or more hours/week	5
30 to under 40 hours/week	1
20 to under 30 hours/week	4
less than 20 hours/week	6
Number of practice sites:	
One	13
Two	3
Three or more	0
Main specialty:	
Primary Care Total	12
Adult	3
Family	4
Ob/Gyn	4
Pediatrics	1
Specialty Care Total	4
Anesthesiology	1
Mental Health	1
Other Specialties	2

Table 28 -- VT APRNs, 2000
Main and Secondary Specialties

Specialty	Main Specialty		Secondary Specialty	
	Number	Percent	Number	Percent
TOTAL	338	100%	58	100%
PRIMARY CARE	221	65%	39	67%
Adult	59	17%	9	16%
Family	63	19%	10	17%
Gerontology	8	2%	1	2%
Midwifery	27	8%	2	3%
Ob/Gyn	39	12%	15	26%
Pediatrics	25	7%	2	3%
SPECIALTY CARE	117	35%	19	33%
Acute Care	7	2%	5	9%
Anesthesiology	36	11%	0	0%
Medical/Surgical	7	2%	1	2%
Mental Health	38	11%	1	2%
School	2	1%	2	3%
Other Specialties	27	8%	10	17%

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 APRNs, 2000
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	338	26	91	170	32	8	7	4%
Primary Care	221	21	63	112	16	5	3	4%
Specialists	117	5	28	58	16	3	4	6%
Central Vermont								
Primary Care	15	2	5	6	1	1	.	7%
Specialists	8	.	2	1	1	1	2	43%
Chittenden								
Primary Care	71	8	21	35	5	1	1	3%
Specialists	48	3	19	22	3	.	1	2%
Copley								
Primary Care	8	.	2	6	.	.	.	.
Specialists	2	.	.	2	.	.	.	.
Gifford								
Primary Care	6	1	3	1	1	.	.	.
Specialists	2	.	1	1	.	.	.	.
North Country								
Primary Care	8	.	3	4	1	.	.	.
Specialists	2	.	.	2	.	.	.	.
Northeastern								
Primary Care	14	.	1	11	2	.	.	.
Specialists	6	.	.	3	1	1	.	20%
Northwestern								
Primary Care	4	.	1	2	1	.	.	.
Specialists	2	.	.	2	.	.	.	.
Porter								
Primary Care	10	1	4	5	.	.	.	.
Specialists	5	.	.	5	.	.	.	.
Rutland								
Primary Care	18	1	6	11	.	.	.	.
Specialists	12	.	1	7	4	.	.	.
Southwestern								
Primary Care	13	2	4	5	1	1	.	8%
Specialists	11	2	1	6	1	.	.	.
Springfield								
Primary Care	11	1	2	5	1	1	.	10%
Specialists	4	.	1	.	3	.	.	.
Upper Conn Valley								
Primary Care	20	3	4	10	2	.	1	5%
Specialists	4	.	.	1	2	1	.	25%
Windham								
Primary Care	23	2	7	11	1	1	1	9%
Specialists	11	.	3	6	1	.	1	9%

Each provider is counted once in this table, in their main specialty group, and, independently, in their main HCA of practice (Note 2). The 'Total' column includes 4 providers with unknown ages. See Note 1 for a description of the calculation of ages.

Table 30 -- VT APRNs, 2000
 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
STATEWIDE TOTAL		338 226.2 9589	227 136.6 5663	130 89.6 3926
Central Vermont		27 15.5 649	17 9.6 385	10 5.9 264
Chittenden		122 81.0 3410	77 43.2 1768	54 37.8 1642
Copley		10 7.5 336	8 6.4 287	3 1.1 49
Gifford		8 6.1 251	6 4.4 186	2 1.6 65
North Country		10 8.4 337	8 7.4 297	2 1.0 40
Northeastern		22 13.9 609	16 9.3 374	7 4.6 235
Northwestern		11 5.2 213	6 3.7 151	5 1.5 62
Porter		17 10.9 453	11 6.4 262	7 4.5 191
Rutland		33 20.5 841	22 11.2 453	13 9.2 388
Southwestern		24 14.2 643	13 7.3 320	13 6.9 324
Springfield		19 7.7 311	14 4.9 198	6 2.8 113
Upper Conn Valley		26 12.3 521	21 9.4 402	5 2.9 120
Windham		37 23.1 1014	25 13.4 581	14 9.7 434

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

Table 31 -- VT APRNs, 2000
 Numbers of Primary Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by Health Care Area

Count FTEs Hours	PRIMARY CARE TOTAL	ADULT	FAMILY	GERONTOL	MIDWIFE	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	227 136.6 5663	68 34.7 1430	73 40.7 1680	9 5.8 275	29 19.2 809	54 23.1 928	27 13.2 541
Central Vermont	17 9.6 385	2 1.6 63	7 4.9 196	. . . .	2 .2 8	4 1.9 75	2 1.0 42
Chittenden	77 43.2 1768	29 15.4 625	14 7.0 281	3 1.7 81	11 6.1 256	21 8.6 345	12 4.5 180
Copley	8 6.4 287	2 1.3 60	2 1.5 74	. . . .	2 1.6 65	1 .9 37	1 1.0 52
Gifford	6 4.4 186	1 .5 24	2 1.4 61	. . . .	3 1.7 69	. . . .	1 .8 32
North Country	8 7.4 297	1 1.0 38	4 3.7 149	. . . .	1 .5 20	2 1.3 50	1 1.0 40
Northeastern	16 9.3 374	4 1.8 73	5 3.0 118	. . . .	2 2.0 81	4 1.8 71	2 .8 31
Northwestern	6 3.7 151	2 .7 29	2 1.2 48	. . . .	. . . .	2 1.8 74	.. ..
Porter	11 6.4 262	2 1.0 44	3 2.2 89	1 .7 32	1 .8 32	2 .8 32	3 .9 34
Rutland	22 11.2 453	6 3.5 145	9 5.0 199	. . . .	1 .2 8	7 2.2 88	2 .3 13
Southwestern	13 7.3 320	2 .9 34	4 1.7 67	3 1.7 78	3 2.5 117	2 .6 23	.. ..
Springfield	14 4.9 198	4 .8 34	6 2.5 101	. . . .	1 <.05 1	4 1.2 49	1 .3 13
Upper Conn Valley	21 9.4 402	8 3.0 124	6 1.4 65	2 1.8 84	3 .9 38	2 .4 16	4 1.9 75
Windham	25 13.4 581	7 3.2 138	10 5.2 231	. . . .	4 2.6 115	7 1.7 67	1 .8 30

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

Table 32 -- VT APRNs, 2000
 Numbers of Specialty Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by Health Care Area

Count FTEs Hours	SPECIALTY CARE TOTAL	EMERG. MEDIC.	ANESTHE- SIOLOGY	MED./ SURG.	MENTAL HEALTH	SCHOOL	OTHER
STATEWIDE TOTAL	130 89.6 3926	12 5.9 245	36 29.1 1312	8 5.8 247	39 27.6 1218	4 .9 37	37 20.2 867
Central Vermont	10 5.9 264	. . . .	1 1.0 40	. . . .	7 3.2 157	. . . .	2 1.7 67
Chittenden	54 37.8 1642	4 3.2 133	17 14.2 631	5 4.1 166	9 5.8 254	1 <.05 1	19 10.4 458
Copley	3 1.1 49	1 .2 9	. . . .	1 .3 12	1 .5 20	. . . .	1 .2 9
Gifford	2 1.6 65	. . . .	1 1.0 40	. . . .	. . . .	. . . .	1 .6 25
North Country	2 1.0 40	. . . .	. . . .	. . . .	2 1.0 40	.. ..	.. ..
Northeastern	7 4.6 235	. . . .	2 2.0 115	. . . .	3 1.6 78	1 .1 4	2 .9 39
Northwestern	5 1.5 62	2 .9 37	. . . .	. . . .	3 .6 25	.. ..	.. ..
Porter	7 4.5 191	. . . .	2 1.8 70	. . . .	3 1.9 86	1 .7 28	1 .2 6
Rutland	13 9.2 388	2 1.0 40	4 3.0 140	. . . .	5 3.8 155	. . . .	2 1.3 54
Southwestern	13 6.9 324	2 .6 22	6 3.5 171	1 .5 20	1 1.0 58	1 .1 4	3 1.2 48
Springfield	6 2.8 113	. . . .	1 .5 20	. . . .	4 1.7 68	. . . .	1 .6 25
Upper Conn Valley	5 2.9 120	. . . .	2 1.6 66	. . . .	3 1.4 54	.. ..	.. ..
Windham	14 9.7 434	1 .1 4	1 .5 20	1 .9 50	6 5.1 223	. . . .	5 3.2 137

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

Table 33 -- VT APRNs, 2000
 Primary Care Provider FTE to Population Ratios
 by Health Care Area

HCA	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	136.65	608827	22.44	4455
Central Vermont	9.62	66850	14.39	6948
Chittenden	43.22	164267	26.31	3801
Copley	6.38	25312	25.20	3968
Gifford	4.44	18314	24.26	4121
North Country	7.35	27449	26.79	3733
Northeastern	9.26	29724	31.14	3211
Northwestern	3.70	43151	8.58	11656
Porter	6.36	27774	22.90	4367
Rutland	11.23	64174	17.50	5715
Southwestern	7.34	40670	18.04	5543
Springfield	4.94	25984	19.02	5257
Upper Conn Valley	9.39	43185	21.75	4598
Windham	13.41	31973	41.95	2384

Only primary care providers are included in this table.

One FTE is defined as 40 (or more) hours per week.
 The FTEs are rounded to two digits for display only.
 The ratios were calculated using the unrounded values.

See Note 4 regarding calculation of FTEs by area.

Population numbers are from the 2000 Census (Note 7).

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

Table 34 -- VT APRNs, 2000
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	338	26	91	170	32	8	7	4%
Primary Care	221	21	63	112	16	5	3	4%
Specialists	117	5	28	58	16	3	4	6%
Champlain Valley								
Primary Care	83	8	25	42	6	1	1	2%
Specialists	55	3	19	29	3	.	1	2%
Northeast VT								
Primary Care	56	4	17	29	5	1	.	2%
Specialists	20	.	3	9	2	2	2	22%
Southern VT								
Primary Care	82	9	21	41	5	3	2	6%
Specialists	42	2	6	20	11	1	1	5%

Each provider is counted once in this table, in their main specialty group, and, independently, in their main region of practice.

The 'Total' column includes 4 providers with unknown ages.

Table 35 -- VT APRNs, 2000
 Numbers of Providers, Full Time Equivalent (FTEs),
 and Total Weekly Patient Care Hours, by AHEC region

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
		<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL		338	227	130
		226.2	136.6	89.6
		9589	5663	3926
Champlain Valley		144	90	64
		95.7	51.9	43.8
		4021	2127	1894
Northeast VT		80	59	23
		54.7	40.1	14.6
		2332	1662	669
Southern VT		129	89	47
		75.8	44.6	31.1
		3236	1874	1362

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

Table 36 -- VT APRNs, 2000
 Numbers of Primary Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by AHEC Region

Count FTEs Hours	PRIMARY CARE TOTAL	ADULT	FAMILY	GERONTOL	MIDWIFE	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	227	68	73	9	29	54	27
	136.6	34.7	40.7	5.8	19.2	23.1	13.2
	5663	1430	1680	275	809	928	541
Champlain Valley	90	32	18	4	11	24	15
	51.9	16.7	9.6	2.3	6.8	11.2	5.4
	2127	679	386	113	284	452	214
Northeast VT	59	12	22	1	8	10	10
	40.1	7.1	15.4	.1	6.0	5.8	5.7
	1662	300	644	4	241	234	239
Southern VT	89	25	34	5	13	20	5
	44.6	10.9	15.7	3.4	6.4	6.1	2.2
	1874	451	650	158	285	243	88

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

Table 37 -- VT APRNs, 2000
 Numbers of Specialty Care Providers, Full Time Equivalents (FTEs),
 and Total Weekly Patient Care Hours, by AHEC Region

Count FTEs Hours	SPECIALTY						
	CARE TOTAL	EMERG. MEDIC.	ANESTHE- SIOLOGY	MED./ SURG.	MENTAL HEALTH	SCHOOL	OTHER
STATEWIDE TOTAL	130	12	36	8	39	4	37
	89.6	5.9	29.1	5.8	27.6	.9	20.2
	3926	245	1312	247	1218	37	867
Champlain Valley	64	6	19	5	14	2	20
	43.8	4.1	15.9	4.1	8.4	.7	10.5
	1894	170	701	166	365	29	464
Northeast VT	23	1	4	1	12	1	6
	14.6	.2	4.0	.3	6.7	.1	3.3
	669	9	195	12	311	4	140
Southern VT	47	5	13	2	17	1	11
	31.1	1.6	9.2	1.4	12.5	.1	6.3
	1362	66	417	70	542	4	264

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

Table 38 -- VT APRNs, 2000
 Primary Care Provider FTE to Population Ratios
 by AHEC Region

Region	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	136.65	608827	22.44	4455
Champlain Valley	51.91	234863	22.10	4524
Northeast VT	40.11	171936	23.33	4287
Southern VT	44.63	202028	22.09	4527

Only primary care providers are included in this table.

One FTE is defined as 40 (or more) hours per week.
 The FTEs are rounded to two digits for display only.
 The ratios were calculated using the unrounded values.

See Note 4 regarding calculation of FTEs by area.

Population numbers are from the 2000 Census (Note 7).

Vermont Advanced Practice Registered Nurses

Comparison Between 1998 and 2000

Table 39 -- VT APRNs, 1998 and 2000
 Changes in Number of APRNs, Patient Care Hours,
 and Specialties, between 1998 and 2000

	1998	2000	Change	
	-----	-----	-----	-----
TOTAL	299	338	+39	+13%
Type of APRN: (each APRN may report more than one type)				
Nurse Practitioner (NP)	201	241	+40	+20%
Certified Nurse Midwife (CNM)	34	36	+2	+6%
Clinical Nurse Specialist (CNS)	36	40	+4	+11%
Certified RN Anesthetist (CRNA)	38	36	-2	-5%
Age groups: (age is unknown for 4 APRNs in 2000)				
younger than 35	19	26	+7	+37%
35 - 44	108	91	-17	-16%
45 - 54	138	170	+32	+23%
55 - 64	28	40	+12	+43%
65 and older	6	7	+1	+17%
Gender:				
Male	31	33	+2	+6%
Female	268	305	+37	+14%
Patient care hours:				
40 or more hours/week	75	101	+26	+35%
30 to under 40 hours/week	79	70	-9	-11%
20 to under 30 hours/week	72	75	+3	+4%
less than 20 hours/week	73	92	+19	+26%
Main specialty:				
Primary Care Total	187	221	+34	+18%
Adult	46	59	+13	+28%
Family	50	63	+13	+26%
Gerontology	3	8	+5	+167%
Midwifery	24	27	+3	+13%
Ob/Gyn	45	39	-6	-13%
Pediatrics	19	25	+6	+32%
Specialty Care Total	112	117	+5	+4%
Acute Care	6	7	+1	+17%
Anesthesiology	37	36	-1	-3%
Medical/Surgical	3	7	+4	+133%
Mental Health	37	38	+1	+3%
School	3	2	-1	-33%
Other Specialties	26	27	+1	+4%

Table 40 -- VT APRNs, 1998 and 2000
Full Time Equivalents (FTEs) by County

PRIMARY CARE:	1998	2000	Change
	<hr/>	<hr/>	<hr/>
STATE TOTAL	114.5	136.6	+22.1
Addison County	3.1	6.4	+3.3
Bennington County	7.1	6.7	- .4
Caledonia County	10.2	8.8	-1.4
Chittenden County	39.4	41.1	+1.7
Essex County	1.1	1.1	.
Franklin County	3.9	3.9	.
Grand Isle County	.5	.5	.
Lamoille County	4.6	7.1	+2.5
Orange County	4.2	8.0	+3.8
Orleans County	5.6	7.4	+1.8
Rutland County	6.1	11.2	+5.1
Washington County	5.4	7.7	+2.3
Windham County	14.9	15.8	+ .9
Windsor County	8.4	10.8	+2.4
SPECIALTY CARE:			
	<hr/>	<hr/>	<hr/>
STATE TOTAL	86.0	89.6	+3.6
Addison County	5.2	4.5	- .7
Bennington County	5.6	6.8	+1.2
Caledonia County	4.2	4.6	+ .4
Chittenden County	33.9	37.8	+3.9
Essex County	.	.	.
Franklin County	2.4	1.4	-1.0
Grand Isle County	.1	.1	.
Lamoille County	.9	1.1	+ .2
Orange County	2.4	2.0	- .4
Orleans County	1.8	1.0	- .8
Rutland County	7.9	9.2	+1.3
Washington County	4.7	5.9	+1.2
Windham County	9.6	9.9	+ .3
Windsor County	7.4	5.2	-2.2

Appendices

Appendix A. General Notes and Terms

Definition of Active APRN

An APRN who was actively licensed in Vermont as of late 2000, 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 12/31/00, based on the date of birth. For example, a person born on any date in 1960 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 from the 2000 Census.

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), community health centers, and hospital outpatient clinics. Work in the School Nurse specialty, and emergency medicine reported as done in an office setting, are not counted.

(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.



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VERMONT DEPARTMENT OF HEALTH Advanced Practice Nursing Survey 2000

This survey is designed to assess the distribution of advanced practice nursing resources throughout the state and assist in recruitment and retention efforts. Please answer all questions completely. If you have any questions, please contact the Department of Health at (802) 863-7300 or (800) 869-2871. Thank you for your cooperation.

1

(Please print legibly using a dark blue or black pen and uppercase letters; fill in small check boxes entirely)

VermontLicenseNumber

Gender

Month

Day

Year

1 0 1 - 0 0

Male Female

Date of Birth: / /

FirstName

Middle Name

LastName

Daytime Phone Number

- -

(Please fill in check boxes completely using a blue or black pen)

1. Choose all of the activities that describe your practice as an Advanced Practice Nurse:
(Please fill in all the boxes below that apply)

- Provide patient care in Advanced Practice Nursing in Vermont
- Provide patient care in Advanced Practice Nursing outside Vermont
- Provide patient care in another nursing role in Vermont
- Retired from advanced practice nursing

**IF YOU DO NOT PROVIDE PATIENT CARE IN ADVANCED PRACTICE NURSING IN VERMONT,
PLEASE STOP HERE AND RETURN SURVEY**

2. What is the highest level of nursing education that you have completed? (Please fill in one box)

- Diploma
- ADN (Associate Degree in Nursing)
- BSN (Bachelor of Science in Nursing)
- MSN (Master of Science in Nursing)
- Doctoral Degree in Nursing
- Other: _____

3. Do you have another (non-nursing) degree(s)?
(Please fill in all that apply)

- Master of Public Health
- Master of Science (non-nursing)
- Master of Arts
- Bachelor of Arts
- Doctoral Degree (non-nursing)
- Other: _____

4. What is your Advanced Practice Nursing preparation? (Please fill in one box)

- Certificate
- MSN
- Other: _____

6. In what areas do you hold credentials as an Advanced Practice Nurse? (Please fill in all that apply)

Primary Care

Specialty Care

- Adult
- Family
- Gerontology
- Midwifery
- Ob/Gyn (Women's Health)
- Pediatrics
- Other: _____

- Acute or Emergency Care
- Anesthesiology
- Medical/Surgical
- Psych/Mental Health
- School
- Other: _____

5. What type of Advanced Practice Nurse are you? (Please fill in all that apply)

- Nurse Practitioner (NP)
- Certified Nurse Midwife (CNM)
- Clinical Nurse Specialist (CNS)
- Certified RN Anesthetist (CRNA)

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VERMONT DEPARTMENT OF HEALTH Advanced Practice Nursing Survey 2000

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Vermont License Number

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

7. What month/year did you start working as an advanced practice nurse?

		-		
Month		Year		

8. What month/year did you start working as an advanced practice nurse in Vermont?

		-		
Month		Year		

9. Do you plan to retire or reduce your hours in the next 12 months? Yes No

10. Do you have hospital admitting privileges (under your own name) in Vermont? Yes No

11. Do you have prescriptive authority in Vermont? Yes No

FOR EACH SETTING where you provide patient care, enter the name of the town, one practice setting, up to two specialties, the weeks per year and the average hours per week you spend providing DIRECT PATIENT CARE within each specialty. Include both ambulatory care and hospital care of patients who originate from this site. Exclude hours spent reviewing patient management with a physician(s); exclude on-call hours. Please answer the six questions concerning your plans to continue at this site, locum tenens, on-call hours and new patients.

SITE ONE - (Enter town in which setting is located, not a mailing address)

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

Please fill in one practice setting box:

- Solo APRN Practice
- APRN Practice Group
- Physician/APRN Practice
- Community Health Center/Clinic
- Hospital Outpatient Clinic
- School or College Health Center
- Business or Work Site
- Hospital Emergency Room
- Hospital Inpatient
- Extended Care/Nursing Home
- Home Health Agency

Please enter one or two specialties from the list on the right, the **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 1

--	--

 Hours 2

--	--

- 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 plan to continue here for the next 12 months | <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 work on-call hours evenings and/or weekends here | <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 | <input type="checkbox"/> Yes <input type="checkbox"/> No I will accept new Medicare patients at this site |

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VERMONT DEPARTMENT OF HEALTH Advanced Practice Nursing Survey 2000

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Vermont License Number

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

SITE TWO - (Enter town in which setting is located, not a mailing address)

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

Please fill in one practice setting box:

- Solo APRN Practice
- APRN Practice Group
- Physician/APRN Practice
- Community Health Center/Clinic
- Hospital Outpatient Clinic
- School or College Health Center
- Business or Work Site
- Hospital Emergency Room
- Hospital Inpatient
- Extended Care/Nursing Home
- Home Health Agency

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 1 Hours 2

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 plan to continue here for the next 12 months | <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 work on-call hours evenings and/or weekends here | <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 | <input type="checkbox"/> Yes <input type="checkbox"/> No I will accept new Medicare patients at this site |

SITE THREE - (Enter town in which setting is located, not a mailing address)

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

Please fill in one practice setting box:

- Solo APRN Practice
- APRN Practice Group
- Physician/APRN Practice
- Community Health Center/Clinic
- Hospital Outpatient Clinic
- School or College Health Center
- Business or Work Site
- Hospital Emergency Room
- Hospital Inpatient
- Extended Care/Nursing Home
- Home Health Agency

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 1 Hours 2

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 plan to continue here for the next 12 months | <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 work on-call hours evenings and/or weekends here | <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 | <input type="checkbox"/> Yes <input type="checkbox"/> No I will accept new Medicare patients at this site |

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