

Vermont Department of Health

Advanced Practice  
Registered Nurses (APRNs)

2017 Survey

Statistical Report



# 2017 Advanced Practice Registered Nurses (APRNs) Survey Statistical Report

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## Acknowledgments

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We also wish to express our appreciation to all the APRNs 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. 2015 was the first time since 2002 that we were able to collect data from advanced practice registered nurses (APRNs) practicing in Vermont, filling an important gap in the workforce picture. This 2017 report, 2 years later, allows us to examine the short term trends. These data, along with data on other health care providers, can be used as the basis for policy analysis, shortage area designations, and recruitment and retention activities.

Data Collection: This report includes advanced practice registered nurses (APRNs) who renewed their license as of the end of March 2017. A link to the online Workforce Census form was included in the online relicensing conducted by the Vermont Office of Professional Regulation. The questions asked are included in this report as Appendix C. Follow-up mailings were made to those APRNs who did not return the survey or did not answer critical questions. All potentially active APRNs relicensed at the time were reached, thus the response rate was 100%.

Included in this report are all APRNs who work in Vermont as such, whether they provide patient care or not. A number of APRNs maintain Vermont licenses even though they do not work in Vermont; those APRNs are excluded from this report.

Similar data are collected from other health professionals, including physicians, dentists and mental health providers. Results from all of these surveys are available on the Department of Health web site, at [healthvermont.gov/health-care-workforce-reports](http://healthvermont.gov/health-care-workforce-reports).

Limitations: The surveys were reviewed for accuracy and consistency during the data entry and processing phases. Missing and/or inconsistent data items were inferred from other data sources or reported as missing. In general, however, the information for this report was self-reported and was not further verified. Data in this report are, therefore, subject to the limitations associated with the use of self-reported surveys. The possibility of misinterpretation of survey items is always present, and it is possible that a small number of inconsistencies have arisen from such occurrences.

Detailed notes and definitions are included in the Appendices. Please contact us if you have any questions about the survey or the report. Email us at [AHS.VDHPhysicianCensus@vermont.gov](mailto:AHS.VDHPhysicianCensus@vermont.gov), write the Department of Health, Public Health Statistics, P.O. Box 70, Burlington, VT 05402, or call us at (802) 863-7300.

## Summary

- This report includes data reported by 617 advanced practice registered nurses (APRNs) providing patient care in Vermont as of March 2017.
- 81% of APRNs are Nurse Practitioners. The rest are fairly evenly divided between Certified Nurse Midwives, Certified RN Anesthetists, and Clinical Nurse Specialists.
- 328 (53%) of the APRNs work mainly in primary care, including:
  - 81 - Adult Health
  - 115 - Family Health
  - 14 - Gerontology
  - 34 - Pediatric Primary Care
  - 11 - School Health
  - 73 - Primary Care Women's Health
- 289 (47%) of the APRNs provide mainly specialty care including:
  - 78 - Mental Health
  - 45 - Anesthesiology
  - 35 - Acute, Trauma or Critical Care
  - 27 - Specialty Adult, Family or Women's Health or Gerontology
  - 16 - Oncology
  - 88 - other specialties
- Ages range from 26 to 82 with a median age of 50.
- Years worked as APRN range from under 1 to 46 with a median of 11. This number does not include the years (median=6) worked as an RN before becoming an APRN.
- 25% of the APRNs in primary care, and 30% of those in specialty care, are age 60 or older.
- 543 (88%) of the 617 APRNs are women.
- 56% of the women, but only 32% of the men, practice primary care. 25% of the men practice anesthesiology, and 21% mental health.
- The 617 APRNs represent the equivalent of 445.2 full-time providers (FTEs, defined as 40 or more hours of patient care per week, 48 weeks per year). This includes 235.5 FTEs in primary care and 209.8 FTEs in specialty care. This does not include work other than direct patient care, such as administration, supervision, or teaching.
- 30% of the primary care FTEs and 35% of the specialty care FTEs are in Chittenden County.
- Most APRNs work in a physician/APRN group setting (29% of FTEs) or a hospital outpatient setting (24% of FTEs).
- 28% of all APRNs provide patient care full-time (40 hours per week or more). Another 36% provide between 30 and 40 hours of patient care per week. This does not include work other than direct patient care, such as administration, supervision, or teaching.
- Between 2015 and 2017 the number of APRNs in primary care increased from 276 to 328, and the number in specialty care increased from 259 to 289.
- Between 2015 and 2017 the percent of APRNs age 60 or more decreased from 31% to 27%.



Table 1 -- VT APRNs, 2017  
Summary of Active Nurse Practitioners

TOTAL	617	(100%)
Main specialty:		
Primary Care:	328	( 53%)
Adult Health	81	( 13%)
Family Health	115	( 19%)
Gerontology	14	( 2%)
Pediatrics	34	( 6%)
School Health	11	( 2%)
Women's Health	73	( 12%)
Specialty Care:	289	( 47%)
Acute / Trauma	35	( 6%)
Adult Health	8	( 1%)
Family Health	12	( 2%)
Anesthesia	45	( 7%)
Mental Health	78	( 13%)
Gerontology	2	( 0%)
Oncology	16	( 3%)
Pediatrics/Neonatal	10	( 2%)
Women's Health	5	( 1%)
Other	78	( 13%)
Age groups:		
younger than 40	170	( 28%)
40 - 49	132	( 21%)
50 - 59	147	( 24%)
60 and older	168	( 27%)
Gender:		
Male	73	( 12%)
Female	543	( 88%)
Patient care hours:		
less than 30 hours/week	226	( 37%)
30 to 39 hours/week	220	( 36%)
40 or more hours/week	171	( 28%)
Other work hours:		
None	285	( 46%)
less than 10 hours/week	201	( 33%)
10 to 19 hours/week	80	( 13%)
20 or more hours/week	51	( 8%)
Number of practice sites:		
One	514	( 83%)
Two	98	( 16%)
Three	5	( 1%)
Four or more	0	( 0%)

Table 2 -- VT Advanced Practice Nurses, 2017  
 Separate Summaries by APRN Type

APRN type *	NP	CNM	CNS	CRNA	TOTAL
	-----	-----	-----	-----	-----
TOTAL	498 (100%)	54 (100%)	34 (100%)	46 (100%)	617 (100%)
Age groups:					
younger than 35	151 (30%)	11 (20%)	0 (0%)	11 (24%)	170 (28%)
35 - 44	108 (22%)	17 (31%)	2 (6%)	8 (17%)	132 (21%)
45 - 54	117 (23%)	9 (17%)	8 (24%)	17 (37%)	147 (24%)
55 and older	122 (24%)	17 (31%)	24 (71%)	10 (22%)	168 (27%)
Gender:					
Male	50 (10%)	0 (0%)	4 (12%)	20 (43%)	73 (12%)
Female	447 (90%)	53 (100%)	30 (88%)	26 (57%)	543 (88%)
Main specialty:					
Primary Care Total	286 (57%)	50 (93%)	3 (9%)	. .	328 (53%)
Adult Health	79 (16%)	. .	2 (6%)	. .	81 (13%)
Family Health	115 (23%)	3 (6%)	. .	. .	115 (19%)
Gerontology	14 (3%)	. .	. .	. .	14 (2%)
Pediatrics	33 (7%)	. .	1 (3%)	. .	34 (6%)
School Health	11 (2%)	. .	. .	. .	11 (2%)
Women's Health	34 (7%)	47 (87%)	. .	. .	73 (12%)
Specialty Care Total	212 (43%)	4 (7%)	31 (91%)	46 (100%)	289 (47%)
Acute / Trauma	35 (7%)	. .	1 (3%)	. .	35 (6%)
Adult Health	8 (2%)	. .	. .	. .	8 (1%)
Family Health	12 (2%)	. .	. .	. .	12 (2%)
Anesthesia	2 (0%)	. .	. .	44 (96%)	45 (7%)
Mental Health	51 (10%)	1 (2%)	26 (76%)	. .	78 (13%)
Gerontology	2 (0%)	. .	. .	. .	2 (0%)
Oncology	15 (3%)	. .	1 (3%)	. .	16 (3%)
Pediatrics/Neonatal	10 (2%)	. .	. .	. .	10 (2%)
Women's Health	3 (1%)	2 (4%)	. .	. .	5 (1%)
Other	74 (15%)	1 (2%)	3 (9%)	2 (4%)	78 (13%)
Patient care hours:					
40 or more hours/week	123 (25%)	17 (31%)	7 (21%)	25 (54%)	171 (28%)
30 to under 40 hrs/wk	191 (38%)	19 (35%)	13 (38%)	4 (9%)	220 (36%)
20 to under 30 hrs/wk	97 (19%)	6 (11%)	6 (18%)	5 (11%)	113 (18%)
less than 20 hrs/wk	87 (17%)	12 (22%)	8 (24%)	12 (26%)	113 (18%)

\* 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, 2017  
Age by Specialty and Gender

	Total	APRNs in Age Group				Age 60+ (%)
		<40	40-49	50-59	60+	
NP *	483	148	105	113	117	24%
CNS	34	.	2	8	24	71%
CNM	54	11	17	9	17	31%
CRNA	46	11	8	17	10	22%
 Primary Care:	 328	 100	 79	 68	 81	 25%
		(30%)	(24%)	(21%)	(25%)	
Adult Health	81	23	18	18	22	27%
Family Health	115	39	30	25	21	18%
Gerontology	14	3	4	2	5	36%
Pediatrics	34	12	5	10	7	21%
School Health	11	2	2	3	4	36%
Women's Health	73	21	20	10	22	30%
MALES	23	7	5	8	3	13%
FEMALES	304	93	73	60	78	26%
 Specialty Care:	 289	 70	 53	 79	 87	 30%
		(24%)	(18%)	(27%)	(30%)	
Acute / Trauma	35	12	10	7	6	17%
Adult Health	8	1	.	4	3	38%
Family Health	12	2	4	3	3	25%
Anesthesia	45	10	7	18	10	22%
Mental Health	78	13	14	20	31	40%
Gerontology	2	.	1	.	1	50%
Oncology	16	5	3	4	4	25%
Pediatrics/Neonatal	10	4	.	2	4	40%
Women's Health	5	.	1	.	4	80%
Other	78	23	13	21	21	27%
MALES	50	10	15	13	12	24%
FEMALES	239	60	38	66	75	31%

\* 15 NPs who also have another license type are excluded from the NP row.  
APRNs are counted in their main practiced specialty group.  
See Note 1 for a description of the calculations of ages.

Table 4 -- VT APRNs, 2017  
Education and Training

	PRIMARY CARE	SPECIALTY CARE
	-----	-----
TOTAL	328	289
Region where trained as an RN:		
VT	34%	29%
NH	4%	6%
Other New England	24%	24%
Other Northeast	18%	21%
South	10%	9%
Central	5%	6%
West	4%	3%
Other Foreign	1%	1%
unknown	2	4
Hold credentials as an APRN in:		
Adult Health	20%	25%
Family Health	54%	34%
Pediatrics	7%	3%
Gerontology	8%	7%
Midwifery	15%	2%
Women's health	9%	3%
Mental health	1%	24%
Anesthesiology	0%	16%
other	3%	13%

APRNs are counted in their main practiced specialty group. This table uses the standard mapping of states to regions, but separates out VT and NH (Note 7).

Table 5 -- VT APRNs, 2017  
 Years in Practice as an APRN

In Practice *	PRIMARY CARE	SPECIALTY CARE
less than a year	3 ( 1%)	1 ( 0%)
1 to 2 years	63 (19%)	37 (13%)
3 to 4 years	36 (11%)	25 ( 9%)
5 to 9 years	54 (16%)	55 (19%)
10 to 14 years	41 (13%)	39 (13%)
15 to 19 years	47 (14%)	46 (16%)
20 to 24 years	32 (10%)	32 (11%)
25 to 29 years	17 ( 5%)	15 ( 5%)
30 years or more	34 (10%)	33 (11%)
unknown	1	6
Total	328	289

\* Not including years worked as an RN before becoming an APRN.

APRNs are counted in their main practiced specialty group.

Table 6 -- VT APRNs, 2017  
 FTE by Age by Specialty and Gender

	Total	FTEs in Age Group				Age 60+
		<40	40-49	50-59	60+	(%)
NP *	350.2	116.7	74.6	86.6	72.2	21%
CNS	23.0	.	.9	5.4	16.8	73%
CNM	39.3	9.8	12.6	7.2	9.7	25%
CRNA	32.7	8.6	5.1	11.7	7.3	22%
Primary Care:	235.5	79.8	56.9	50.9	47.9	20%
		(34%)	(24%)	(22%)	(20%)	
Adult Health	54.5	18.1	10.9	13.8	11.6	21%
Family Health	88.6	33.0	23.5	18.9	13.2	15%
Gerontology	9.9	1.8	3.2	1.5	3.4	34%
Pediatrics	23.2	9.1	3.3	6.8	4.0	17%
School Health	7.7	1.5	1.8	2.2	2.2	28%
Women's Health	51.7	16.2	14.2	7.6	13.6	26%
MALES	18.6	6.2	4.1	6.7	1.7	9%
FEMALES	216.1	73.6	52.1	44.2	46.2	21%
Specialty Care:	209.8	55.4	36.3	60.0	58.0	28%
		(26%)	(17%)	(29%)	(28%)	
Acute / Trauma	27.5	10.5	6.5	5.3	5.2	19%
Adult Health	5.5	1.3	.2	2.9	1.3	23%
Family Health	7.7	.7	2.7	2.6	1.6	21%
Anesthesia	32.6	7.6	5.0	12.7	7.3	22%
Mental Health	59.3	10.6	9.9	16.0	22.9	39%
Gerontology	1.9	<.05	.9	.	1.0	53%
Oncology	9.6	3.4	1.8	2.7	1.8	19%
Pediatrics/Neonatal	6.1	1.6	.	2.0	2.5	41%
Women's Health	.8	.	<.05	<.05	.8	95%
Other	58.7	19.7	9.4	15.9	13.8	23%
MALES	38.7	8.4	10.7	8.8	10.8	28%
FEMALES	171.1	47.0	25.7	51.3	47.2	28%

\* NPs who also have another license type are excluded from the NP row.  
 Partial FTEs are counted in each specialty group an APRN practices.  
 See Note 1 for a description of the calculations of ages.  
 See Appendix A for the definition of FTE.

Table 7 -- VT APRNs, 2017  
 Numbers of Primary Care Providers, Patient Care Full Time  
 Equivalents (FTEs), and Total Weekly Work Hours, by County

Count FTEs Hours	PRIMARY CARE TOTAL	ADULT HEALTH	FAMILY HEALTH	PEDIA -TRIC	WOMEN'S HEALTH	GERONT -OLOGY	SCHOOL HEALTH
STATEWIDE TOTAL	343 235.5 11875	90 54.5 3016	120 88.6 4391	35 23.2 1117	78 51.7 2453	18 9.9 543	13 7.7 355
Addison	17 11.1 545	5 2.5 134	2 1.5 66	3 2.1 99	5 3.0 165	1 1.0 40	1 1.0 42
Bennington	17 13.3 664	5 2.7 138	7 5.8 288	2 2.0 128	3 2.8 110	. . . . .	. . . . .
Caledonia	23 16.5 812	6 4.5 197	7 5.2 295	2 1.3 68	7 5.4 245	1 .2 7	. . . . .
Chittenden	113 69.8 3587	30 14.1 836	29 19.3 939	17 11.5 533	31 19.1 981	3 1.2 78	9 4.8 220
Essex	2 1.6 87	1 .6 36	1 1.0 51	. . . . .	. . . . .	. . . . .	. . . . .
Franklin	16 12.1 570	5 3.2 152	9 7.6 363	1 .6 23	. . . . .	1 .8 32	. . . . .
Grand Isle	1 .1 7	1 .1 7	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Lamoille	10 7.8 344	. . . . .	6 4.4 193	. . . . .	4 3.4 152	. . . . .	. . . . .
Orange	17 10.9 495	3 1.4 65	5 4.0 201	3 1.5 65	6 4.0 164	. . . . .	. . . . .
Orleans	13 10.3 496	1 .7 27	8 6.7 337	1 .9 34	2 1.4 57	1 .8 42	. . . . .
Rutland	26 20.7 1111	6 5.5 289	14 10.7 596	1 .9 46	2 1.6 88	3 2.0 92	. . . . .
Washington	30 16.7 795	8 3.9 207	12 7.8 344	2 1.5 73	7 1.8 77	3 1.8 94	. . . . .
Windham	31 20.6 1082	7 4.7 305	8 5.8 292	2 .7 40	9 6.5 286	3 1.6 88	2 1.4 71
Windsor	35 21.3 1159	13 9.7 563	13 7.9 387	2 .2 9	6 2.3 107	2 .7 71	1 .6 23

In this table APRNs may be counted more than once (Note 3).  
 FTEs only include patient care, but Hours include all activities.

Table 8 -- VT APRNs, 2017  
 Numbers of Specialty Care Providers, Patient Care Full Time  
 Equivalents (FTEs), and Total Weekly Work Hours, by County

Count FTEs Hours	SPECIALTY CARE TOTAL	ACUTE CARE	ANESTHE -SIOLOGY	ADULT & FAMILY	MENTAL HEALTH	ALL OTHER
STATEWIDE TOTAL	308 209.8 10118	43 27.5 1284	45 32.6 1544	27 13.2 622	80 59.3 2806	131 77.1 3862
Addison	17 11.2 544	2 1.0 45	4 3.8 189	2 .2 6	3 2.7 122	7 3.5 182
Bennington	17 9.9 478	2 1.9 81	1 .7 27	1 1.0 43	2 1.9 114	11 4.5 213
Caledonia	26 13.3 712	5 2.4 116	7 4.1 254	1 .5 20	5 2.7 129	8 3.6 194
Chittenden	104 72.9 3615	8 4.3 181	15 12.6 565	5 1.1 48	24 17.6 841	57 37.2 1980
Essex	0 . . .	. . .	. . .	. . .	. . .	. . .
Franklin	23 15.3 664	9 6.3 265	3 3.0 118	4 1.8 93	2 1.6 72	6 2.7 115
Grand Isle	1 <.05 1	. . .	. . .	. . .	. . .	1 <.05 1
Lamoille	17 14.0 609	3 1.9 81	4 3.5 156	. . .	5 4.5 194	5 4.1 178
Orange	11 5.6 229	1 .6 24	. . .	2 .5 20	5 3.0 124	3 1.5 61
Orleans	4 2.3 137	. . .	. . .	1 .3 10	2 1.8 106	1 .3 21
Rutland	28 17.4 823	3 2.1 107	8 3.2 147	3 .9 43	9 7.0 331	6 4.2 194
Washington	25 15.0 751	4 2.7 158	4 1.0 42	4 1.7 77	5 3.6 161	9 5.9 313
Windham	29 17.9 853	3 .8 86	. . .	5 3.2 179	12 8.5 371	11 5.3 218
Windsor	26 14.2 633	5 3.3 142	3 .8 46	3 2.1 82	6 4.7 207	10 3.4 157

In this table APRNs may be counted more than once (Note 3). Here "Adult & Family" includes Gerontology, and "Acute" includes Trauma. FTEs only include patient care, but Hours include all activities.



Table 9 -- VT APRNs, 2017  
 Primary Care Provider FTE to Population Ratios by County

County	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	235.5	624,594	37.7	2,652
Addison	11.1	36,959	30.1	3,322
Bennington	13.3	36,191	36.8	2,721
Caledonia	16.5	30,333	54.4	1,837
Chittenden	69.8	161,531	43.2	2,313
Essex	1.6	6,176	25.4	3,930
Franklin	12.1	48,915	24.8	4,031
Grand Isle	.1	6,919	1.2	.
Lamoille	7.8	25,333	31.0	3,231
Orange	10.9	28,919	37.7	2,651
Orleans	10.3	26,863	38.5	2,596
Rutland	20.7	59,310	34.9	2,866
Washington	16.7	58,504	28.6	3,501
Windham	20.6	43,145	47.7	2,094
Windsor	21.3	55,496	38.3	2,609

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

Population estimates are from the Census Bureau for July 2016  
 (see note 4). See Appendix A for the definition of 'FTE'.

Table 10 -- VT APRNs, 2017  
Detailed Specialty List

Specialty	Count of APRNs Working in Specialty		
	As Main Specialty	As Secondary Specialty	TOTAL FTEs
TOTAL	617		445.2
Primary Care:			
Adult Health	77	8	51.8
Family Health	115	5	88.6
Gerontology	14	4	9.9
Home Health	4	1	2.6
Pediatrics	34	1	23.2
School Health	11	2	7.7
Women's Health	73	5	51.7
Specialty Care:			
Acute / Critical Care	24	4	19.1
Adult Health	10	4	7.5
Anesthesia	45	.	32.6
Cardiology	9	1	7.0
Community	3	.	2.4
Endocrinology	6	1	3.5
Family Health	12	4	7.7
Gerontology	2	1	1.9
Medical Surgical	8	.	6.5
Mental Health	78	2	59.3
Neonatal	8	1	5.0
Occupational Health	9	2	4.0
Oncology	16	.	9.6
Orthopedics	10	.	9.2
Palliative Care	6	4	5.7
Pediatrics	2	.	1.1
Public Health	2	.	<.05
Trauma / ER	11	4	8.4
Women's Health	5	3	.8
Other	23	11	18.5

See Appendix A for the definition of 'FTE'.

Table 11 -- VT APRNs, 2017  
 FTEs by Practice Setting by Specialty

Specialty	FTEs in Practice Setting					
	Physician /APRN	APRN Practice	Other Clinic	Hospital Inpatient	Hospital Outpatient	All Others
Total	129.7	33.5	71.8	33.5	106.7	70.0
Primary Care	101.4	15.9	47.6	.	47.4	23.2
Adult Health	22.6	4.7	6.6	.	14.0	6.6
Family Health	40.7	6.1	29.6	.	10.4	1.9
Gerontology	.9	.1	.	.	.4	8.6
Pediatrics	15.7	.	1.0	.	6.2	.3
School Health	.	1.3	.6	.	.	5.9
Women's Health	21.6	3.8	9.9	.	16.4	.
Specialty Care	28.3	17.6	24.2	33.5	59.3	46.9
Acute / Trauma	1.8	.	5.5	8.9	3.8	7.6
Adult Health	.	.	.	1.3	.	4.3
Family Health	.	.	4.8	.	.	2.9
Anesthesia	6.1	4.1	.	3.7	18.8	.
Mental Health	4.4	11.6	10.9	3.5	7.1	21.8
Gerontology	.	.	.	1.9	.	.
Oncology	2.6	.	.2	.	6.9	<.05
Pediatrics/Neonatal	.	.4	.	4.6	.	1.1
Women's Health	.	.	.	.	.	.8
Other	13.6	1.4	2.8	9.7	22.7	8.4

All worksites and specialties of each APRN are counted in this table.  
 'Other Clinic' is ambulatory settings other than private offices.  
 'All Others' includes schools, mental health clinics, nursing homes, etc.  
 See Appendix A for the definitions of 'primary care' and 'FTE'.

Table 12 -- VT APRNs, 2017  
Detailed Practice Settings

Practice Setting	Primary Care		Specialty Care	
	FTEs	Percent	FTEs	Percent
TOTAL	235.5	100%	209.8	100%
Academic Setting	.	.	.1	0%
Community Health Center	47.6	20%	14.6	7%
Correctional Facility	.	.	7.1	3%
Home Health	4.5	2%	1.0	0%
Hospital Emergency Department	.	.	7.2	3%
Hospital In- & Outpatient	18.2	8%	33.2	16%
Hospital Inpatient Department	.	.	33.5	16%
Hospital Outpatient Department	29.2	12%	26.0	12%
APRN Practice - group	13.0	6%	8.4	4%
APRN Practice - solo	2.9	1%	9.2	4%
Mental Health Facility	.2	0%	17.7	8%
Nursing Home/Extended Care	9.8	4%	.2	0%
Occupational Health	.	.	5.8	3%
Physician/APRN Practice	101.4	43%	28.3	13%
Public Health	.	.	.6	0%
School or College-Based Clinic	8.7	4%	.6	0%
Urgent Care / Walk in	.	.	9.6	5%
Other setting	.	.	6.5	3%

All worksites and specialties of each APRN are counted in this table. For each practice setting, this table counts the number of active APRN FTEs, separately for primary and specialty care. The percentages are based on the TOTAL line. See Appendix A for the definition of 'FTE'.

Table 13 -- VT APRNs, 2017  
Practice Setting by Age

Practice Setting	Total	Number in Age Group		
		under 40	40-59	60 and older
TOTAL	617 (100%)	170	279	168
Academic Setting	3 ( 0%)	.	2	1
Community Health Center	91 ( 15%)	30	35	26
Correctional Facility	9 ( 1%)	2	3	4
Home Health	8 ( 1%)	1	3	4
Hospital Emergency Department	10 ( 2%)	4	5	1
Hospital In- & Outpatient	64 ( 10%)	14	36	14
Hospital Inpatient Department	42 ( 7%)	12	19	11
Hospital Outpatient Department	72 ( 12%)	19	32	21
APRN Practice - group	30 ( 5%)	5	18	7
APRN Practice - solo	21 ( 3%)	2	8	11
Mental Health Facility	24 ( 4%)	4	10	10
Nursing Home/Extended Care	15 ( 2%)	3	7	5
Occupational Health	12 ( 2%)	1	9	2
Physician/APRN Practice	173 ( 28%)	65	76	32
Public Health	3 ( 0%)	.	2	1
School or College-Based Clinic	15 ( 2%)	3	5	7
Urgent Care / Walk in	11 ( 2%)	5	5	1
Other setting	14 ( 2%)	.	4	10

Each APRN is counted once in this table, in their main practice setting.  
See Note 1 for a description of the calculation of age.

Table 14 -- VT APRNs, 2017  
Average Patient Care Hours per Week,  
by Specialty and Age

Main Specialty	Total APRNs	Average Hours per Week				
		Patient Care				Other Hours
		All Ages	Age < 40	Age 40-59	Age 60+	All Ages
Primary Care:	328	30	33	30	25	7
Adult Health	81	29	33	30	23	9
Family Health	115	32	35	31	26	7
Gerontology	14	27	22	30	28	12
Pediatrics	34	27	30	27	23	6
School Health	11	29	.	34	23	4
Women's Health	73	29	31	29	26	4
Specialty Care:	289	30	33	31	28	4
Acute / Trauma	35	33	35	30	36	4
Adult Health	8	25	.	31	17	1
Family Health	12	26	.	31	24	6
Anesthesia	45	32	34	32	31	2
Mental Health	78	32	34	32	31	5
Oncology	16	26	29	27	18	8
Pediatrics/Neonatal	10	27	16	.	25	1
Other	85	30	37	29	23	5

In each cell with fewer than 3 people an average is not displayed.

See Note 1 for description of the calculation of age.

Table 15 -- VT APRNs, 2017  
Practice Availability by Specialty

Specialty	FTEs	Accept New Patients	Participate in Medicaid	Accept New Medicaid Patients	Participate in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
TOTAL	343.4	98%	98%	93%	98%	93%
PRIMARY CARE	210.6	97%	99%	95%	98%	95%
Adult Health	48.0	90%	97%	84%	97%	89%
Family Health	86.7	99%	98%	97%	98%	96%
Gerontology	1.3	100%	100%	100%	100%	100%
Pediatrics	22.9	96%	100%	97%	n.a.	n.a.
Women's Health	51.7	100%	100%	98%	100%	99%
SPECIALTY CARE	132.7	99%	98%	90%	97%	89%
Family Health	4.8	100%	100%	79%	100%	79%
Anesthesia	28.9	100%	100%	70%	100%	70%
Mental Health	49.7	98%	98%	96%	93%	90%
Oncology	9.6	100%	100%	100%	100%	100%
Other	39.6	100%	96%	96%	100%	100%

Each site a APRN practices in is counted, weighed by FTEs.  
Only office settings are included (Note 6).  
Denominators for percentages do not include unknowns and 'n/a'.  
See Appendix A for the definition of FTE.

Table 16 -- VT APRNs, 2017  
 Numbers of Primary Care Providers, Patient Care Full Time  
 Equivalents (FTEs), and Total Weekly Work Hours, by Health Care Area

Count FTEs Hours	PRIMARY CARE TOTAL	ADULT HEALTH	FAMILY HEALTH	PEDIA -TRIC	WOMEN'S HEALTH	GERONT -OLOGY	SCHOOL HEALTH
STATEWIDE TOTAL	343 235.5 11875	90 54.5 3016	120 88.6 4391	35 23.2 1117	78 51.7 2453	18 9.9 543	13 7.7 355
Barre	30 16.7 795	8 3.9 207	12 7.8 344	2 1.5 73	7 1.8 77	3 1.8 94	. . . . .
Bennington	19 14.8 740	5 2.7 138	8 6.7 334	2 2.0 128	3 2.8 110	. . . . .	1 .6 29
Brattleboro	28 19.1 1005	7 4.7 305	7 4.9 246	1 .7 38	9 6.5 286	3 1.6 88	1 .8 42
Burlington	115 71.1 3678	30 14.1 836	31 20.5 1030	17 11.5 533	31 19.1 981	3 1.2 78	9 4.8 220
Middlebury	17 11.1 545	5 2.5 134	2 1.5 66	3 2.1 99	5 3.0 165	1 1.0 40	1 1.0 42
Morrisville	12 9.1 426	. . . . .	8 5.7 275	. . . . .	4 3.4 152	. . . . .	. . . . .
Newport	14 11.3 547	1 .7 27	9 7.7 388	1 .9 34	2 1.4 57	1 .8 42	. . . . .
Randolph	32 20.0 1009	12 8.4 441	9 5.7 284	1 .2 8	9 4.9 199	1 .3 55	1 .6 23
Rutland	26 20.7 1111	6 5.5 289	14 10.7 596	1 .9 46	2 1.6 88	3 2.0 92	. . . . .
Springfield	10 6.0 312	1 .8 42	6 3.9 201	1 .1 3	2 1.3 66	. . . . .	. . . . .
St. Albans	15 10.9 485	6 3.3 159	7 6.3 272	1 .6 23	. . . . .	1 .8 32	. . . . .
St. Johnsbury	22 15.8 766	7 5.0 233	5 3.9 213	2 1.3 68	7 5.4 245	1 .2 7	. . . . .
Upper Valley	8 4.5 202	1 .5 29	3 2.3 103	3 1.5 65	1 .1 6	. . . . .	. . . . .
Windsor	2 1.8 132	2 1.4 116	. . . . .	. . . . .	. . . . .	1 .4 16	. . . . .

In this table APRNs may be counted more than once (Note 3).  
 FTEs only include patient care, but Hours include all activities.



Table 17 -- VT APRNs, 2017  
 Numbers of Specialty Care Providers, Patient Care Full Time  
 Equivalents (FTEs), and Total Weekly Work Hours, by Health Care Area

Count FTEs Hours	SPECIALTY CARE TOTAL	ACUTE CARE	ANESTHE -SIOLOGY	ADULT & FAMILY	MENTAL HEALTH	ALL OTHER
STATEWIDE TOTAL	308 209.8 10118	43 27.5 1284	45 32.6 1544	27 13.2 622	80 59.3 2806	131 77.1 3862
Barre	25 15.0 751	4 2.7 158	4 1.0 42	4 1.7 77	5 3.6 161	9 5.9 313
Bennington	17 9.9 478	2 1.9 81	1 .7 27	1 1.0 43	2 1.9 114	11 4.5 213
Brattleboro	27 17.0 817	3 .8 86	. . . .	4 2.4 149	12 8.5 371	10 5.2 212
Burlington	106 73.0 3620	8 4.3 181	15 12.6 565	5 1.1 48	24 17.6 841	59 37.3 1986
Middlebury	17 11.2 544	2 1.0 45	4 3.8 189	2 .2 6	3 2.7 122	7 3.5 182
Morrisville	17 14.0 609	3 1.9 81	4 3.5 156	. . . .	5 4.5 194	5 4.1 178
Newport	4 2.3 137	. . . .	. . . .	1 .3 10	2 1.8 106	1 .3 21
Randolph	13 7.5 310	2 .9 35	. . . .	3 1.3 52	3 2.3 103	6 3.0 120
Rutland	28 17.4 823	3 2.1 107	8 3.2 147	3 .9 43	9 7.0 331	6 4.2 194
Springfield	13 8.8 370	4 3.0 131	. . . .	2 1.5 60	4 3.7 157	4 .6 23
St. Albans	22 15.2 659	9 6.3 265	3 3.0 118	4 1.8 93	2 1.6 72	5 2.6 110
St. Johnsbury	26 13.3 712	5 2.4 116	7 4.1 254	1 .5 20	5 2.7 129	8 3.6 194
Upper Valley	5 2.0 82	. . . .	. . . .	1 .5 20	3 1.5 61	1 <.05 2
Windsor	7 2.5 136	. . . .	3 .8 46	. . . .	2 .2 10	2 1.5 80

In this table APRNs may be counted more than once (Note 3). Here "Adult & Family" includes Gerontology, and "Acute" includes Trauma. FTEs only include patient care, but Hours include all activities.

Table 18 -- VT APRNs, 2017  
 Primary Care Provider FTE to Population Ratios  
 by Blueprint Health Care Area

HCA	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	235.5	624,594	37.7	2,652
Barre	16.7	64,155	26.0	3,839
Bennington	14.8	39,140	37.8	2,646
Brattleboro	19.1	31,789	60.0	1,668
Burlington	71.1	177,329	40.1	2,493
Middlebury	11.1	28,468	39.1	2,559
Morrisville	9.1	30,330	30.0	3,333
Newport	11.3	27,733	40.9	2,444
Randolph	20.0	35,042	57.0	1,755
Rutland	20.7	60,026	34.5	2,900
Springfield	6.0	27,859	21.5	4,657
St. Albans	10.9	45,444	24.0	4,158
St. Johnsbury	15.8	27,818	56.9	1,758
Upper Valley	4.5	16,371	27.4	3,654
Windsor	1.8	13,090	13.8	7,272

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

Population estimates are from the Census Bureau for July 2016  
 (see note 4). See Appendix A for the definition of 'FTE'.

Table 19 -- VT APRNs, 2017  
 Numbers of Primary Care Providers, Patient Care Full Time  
 Equivalents (FTEs), and Total Weekly Work Hours, by Local Health District

Count FTEs Hours	PRIMARY CARE TOTAL	ADULT HEALTH	FAMILY HEALTH	PEDIA -TRIC	WOMEN'S HEALTH	GERONT -OLOGY	SCHOOL HEALTH
STATEWIDE TOTAL	343 235.5 11875	90 54.5 3016	120 88.6 4391	35 23.2 1117	78 51.7 2453	18 9.9 543	13 7.7 355
Barre	30 16.7 795	8 3.9 207	12 7.8 344	2 1.5 73	7 1.8 77	3 1.8 94	. . .
Bennington	17 13.3 664	5 2.7 138	7 5.8 288	2 2.0 128	3 2.8 110	. . .	. . .
Brattleboro	30 20.6 1080	7 4.7 305	8 5.8 292	1 .7 38	9 6.5 286	3 1.6 88	2 1.4 71
Burlington	113 69.8 3587	30 14.1 836	29 19.3 939	17 11.5 533	31 19.1 981	3 1.2 78	9 4.8 220
Middlebury	17 11.1 545	5 2.5 134	2 1.5 66	3 2.1 99	5 3.0 165	1 1.0 40	1 1.0 42
Morrisville	12 9.1 426	. . . .	8 5.7 275	. . . .	4 3.4 152	. . . .	. . . .
Newport	14 11.3 547	1 .7 27	9 7.7 388	1 .9 34	2 1.4 57	1 .8 42	. . . .
Rutland	26 20.7 1111	6 5.5 289	14 10.7 596	1 .9 46	2 1.6 88	3 2.0 92	. . . .
Springfield	12 7.8 444	3 2.2 158	6 3.9 201	1 .1 3	2 1.3 66	1 .4 16	. . . .
St. Albans	17 12.2 576	6 3.3 159	9 7.6 363	1 .6 23	. . . .	1 .8 32	. . . .
St. Johnsbury	24 16.8 805	7 5.0 233	6 4.9 251	2 1.3 68	8 5.4 247	1 .2 7	. . . .
Wht Rvr Jct	39 23.5 1172	13 8.9 470	11 7.0 349	4 1.7 72	10 5.0 203	1 .3 55	1 .6 23

In this table APRNs may be counted more than once (Note 3).  
 FTEs only include patient care, but Hours include all activities.

Table 20 -- VT APRNs, 2017  
 Numbers of Specialty Care Providers, Patient Care Full Time  
 Equivalents (FTEs), and Total Weekly Work Hours, by Local Health District

Count FTEs Hours	SPECIALTY CARE TOTAL	ACUTE CARE	ANESTHE -SIOLOGY	ADULT & FAMILY	MENTAL HEALTH	ALL OTHER
STATEWIDE TOTAL	308 209.8 10118	43 27.5 1284	45 32.6 1544	27 13.2 622	80 59.3 2806	131 77.1 3862
Barre	25 15.0 751	4 2.7 158	4 1.0 42	4 1.7 77	5 3.6 161	9 5.9 313
Bennington	17 9.9 478	2 1.9 81	1 .7 27	1 1.0 43	2 1.9 114	11 4.5 213
Brattleboro	27 17.0 817	3 .8 86	. . . .	4 2.4 149	12 8.5 371	10 5.2 212
Burlington	104 72.9 3615	8 4.3 181	15 12.6 565	5 1.1 48	24 17.6 841	57 37.2 1980
Middlebury	17 11.2 544	2 1.0 45	4 3.8 189	2 .2 6	3 2.7 122	7 3.5 182
Morrisville	17 14.0 609	3 1.9 81	4 3.5 156	. . . .	5 4.5 194	5 4.1 178
Newport	4 2.3 137	. . . .	. . . .	1 .3 10	2 1.8 106	1 .3 21
Rutland	28 17.4 823	3 2.1 107	8 3.2 147	3 .9 43	9 7.0 331	6 4.2 194
Springfield	18 11.1 498	4 3.0 131	3 .8 46	2 1.5 60	4 3.7 159	6 2.1 103
St. Albans	24 15.3 664	9 6.3 265	3 3.0 118	4 1.8 93	2 1.6 72	7 2.8 116
St. Johnsbury	27 13.3 712	5 2.4 116	7 4.1 254	1 .5 20	6 2.7 129	8 3.6 194
Wht Rvr Jct	18 9.6 400	2 .9 35	. . . .	4 1.8 72	6 3.9 171	7 3.0 121

In this table APRNs may be counted more than once (Note 3). Here "Adult & Family" includes Gerontology, and "Acute" includes Trauma. FTEs only include patient care, but Hours include all activities.

Table 21 -- VT APRNs, 2017  
 Primary Care Provider FTE to Population Ratios  
 by Local Health District

District	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	235.5	624,594	37.7	2,652
Barre	16.7	65,700	25.4	3,931
Bennington	13.3	36,191	36.8	2,721
Brattleboro	20.6	35,291	58.2	1,717
Burlington	69.8	161,501	43.2	2,312
Middlebury	11.1	36,825	30.2	3,310
Morrisville	9.1	31,216	29.2	3,430
Newport	11.3	27,733	40.9	2,444
Rutland	20.7	59,474	34.8	2,873
Springfield	7.8	33,055	23.5	4,247
St. Albans	12.2	55,834	21.9	4,570
St. Johnsbury	16.8	34,012	49.4	2,022
Wht Rvr Jct	23.5	47,762	49.1	2,036

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

Population estimates are from the Census Bureau for July 2016  
 (see Note 4). See Appendix A for the definition of 'FTE'.

Table 22 -- VT APRNs, 2015 and 2017  
 Changes in Number of PAs, Patient Care Hours  
 and Specialties, between 2015 and 2017

	2015	2017	Change	
TOTAL	535	617	+82	+15%
Main specialty:				
Primary Care:	276	328	+52	+19%
Adult / Family / Internal	160	196	+36	+23%
Gerontology	12	14	+2	+17%
Pediatrics	29	34	+5	+17%
School Health	8	11	+3	+38%
Women's Health	67	73	+6	+9%
Specialty Care:	259	289	+30	+12%
Acute / Trauma	34	35	+1	+3%
Adult / Family / Internal	28	20	-8	-29%
Anesthesia	41	45	+4	+10%
Mental Health	61	78	+17	+28%
Gerontology	4	2	-2	-50%
Oncology	11	16	+5	+45%
Pediatrics/Neonatal	8	10	+2	+25%
Other	72	83	+11	+15%
Age groups:				
younger than 40	110	170	+60	+55%
40 - 49	124	132	+8	+6%
50 - 59	136	147	+11	+8%
60 and older	165	168	+3	+2%
Gender:				
Male	54	73	+19	+35%
Female	481	543	+62	+13%
Patient care hours:				
40 or more hours/week	172	171	-1	-1%
30 to under 40 hours/week	167	220	+53	+32%
less than 30 hours/week	196	226	+32	+15%

Table 23 -- VT APRNs, 2015 and 2017  
Full Time Equivalentents (FTEs) by County

PRIMARY CARE:	2015	2017	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	192.7	235.5	+42.8
Addison	8.2	11.1	+2.9
Bennington	12.8	13.3	+.5
Caledonia	13.4	16.5	+3.1
Chittenden	62.0	69.8	+7.8
Essex	1.4	1.6	+.2
Franklin	11.8	12.1	+.3
Grand Isle	.3	.1	-.2
Lamoille	7.8	7.8	.
Orange	9.8	10.9	+1.1
Orleans	6.9	10.3	+3.4
Rutland	16.2	20.7	+4.5
Washington	11.7	16.7	+5.0
Windham	16.1	20.6	+4.5
Windsor	14.3	21.3	+7.0
SPECIALTY CARE:	2015	2017	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	193.8	209.8	+16.0
Addison	10.9	11.2	+.3
Bennington	11.1	9.9	-1.2
Caledonia	12.1	13.3	+1.2
Chittenden	69.8	72.9	+3.1
Essex	.	.	.
Franklin	13.5	15.3	+1.8
Grand Isle	.1	.0	-.1
Lamoille	12.1	14.0	+1.9
Orange	2.7	5.6	+2.9
Orleans	.9	2.3	+1.4
Rutland	20.2	17.4	-2.8
Washington	14.7	15.0	+.3
Windham	13.7	17.9	+4.2
Windsor	12.2	14.2	+2.0

## Appendix A. General Notes and Terms

### Definition of Active APRN

An APRN who was relicensed for the period 2017-2018 in Vermont, and who provided patient care hours in Vermont as reported in the survey, is considered an active APRN.

### APRNs not represented in these tables

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

### Specialties

APRNs reported their specialties using a predefined list. See Table 9 for the exact specialties reported. For the rest of the tables some of the detailed specialties were grouped, e.g., Home Health is included in Adult Health.

### Primary Care

Specialties counted as primary care included: adult and family health, gerontology, home care, pediatrics, school health, and womens' health. But only care provided in appropriate settings was counted as Primary Care: included extended care and schools, but excluded urgent care / walk-in centers, hospital inpatient and ED, occupational, corrections and public health.

### Determination of an APRN's main specialty

An APRN's "main" specialty is the specialty group in which the APRN works the most hours.

### Definition of Full Time Equivalent (FTE)

The work of many APRNs includes many hours in activities other than direct patient care, such as administration, supervision, and teaching. FTEs in this report only reflect direct patient care. The few tables that list hours, in addition to FTEs, include other activities in the hours.

For the purpose of computing FTEs, full time was defined as 40 patient care hours (or more) per week, for 48 weeks per year. Reported hours per week were adjusted to an annual average. E.g., if 52 weeks were reported, the hours were multiplied by 52/48. An APRN reporting more than 40 (adjusted) patient care 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	52	10	0.27
	Specialty Care	52	10	0.27
	Total		20	0.54
Example 2:	Primary Care	52	20	0.50
	Specialty Care	52	20	0.50
	Total		40	1.00
Example 3:	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 number of weeks is more than 48 so the FTEs are adjusted upwards. The pattern is the same in Example 2, except the hours total 40 for 1.0 FTE, and the adjustment for 52 weeks does not matter since the total FTE for a person is never more than 1.0. In the third example the person spends an average of 70 hours per week in patient care: 35 hours of primary care every week, and 70 hours of specialty care in each of only 24 weeks per year. This is calculated as 1.0 FTE total, and 0.5 FTE for each of primary care and specialty care.

### **Health Care Areas**

Unlike previous reports on (other) health care providers, where some tables reported counts and FTEs by Hospital Service Areas (HSAs), in this report we instead used Health Care Areas (HCAs) as defined by the Vermont Blueprint for Health. Those are similar to the HSAs, with the main differences affecting the White River Junction HSA which is split into three parts: the northern part is called Upper Valley, the Southern part is called Windsor, and the middle part is appended to the Randolph area. For a map of these HCAs see Appendix E.

### **Determination of an APRN's main County (or other area)**

Main county is the county in which the APRN practices the greatest number of patient care hours. Similarly for main district, main health care area, etc.

### **Numerical precision**

Most numbers are displayed in finite precision in that they are individually rounded. Thus, some rows or columns of numbers may not add exactly to the displayed total (to the last, rightmost digit). This applies to FTEs, percentages and hours, for example, whether the numerals displayed are decimal or whole numbers. Counts of 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 and gender). 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

### 1. Calculation of Age

Ages are computed as 2017 minus the year of the DOB.

(note 2 skipped intentionally)

### 3. Notes regarding tables listing APRN Full Time Equivalents (FTE) and Hours by County or by other geographical areas:

These tables count each APRN who provides care in that county or area. The same APRN may be counted in more than one area, and in more than one specialty.

Because of this inclusive approach taken in tallying APRNs across many practice locations, the numbers in the “Total” rows and “Total” columns will generally be less than the sum of the individual rows and columns. This applies to the area totals which sum the APRN counts, the state totals which sum the area-level counts, and the “Total” of specialties combined. Unlike the totals for the counts of APRNs, 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 errors).

See also Note 8 regarding the calculation of weekly hours and FTEs.

### 4. Population Estimates

Population estimates are for July 1, 2016, as released by the Census Bureau. Estimates for 2017 are not yet available at time of publication.

(note 5 skipped intentionally)

### 6. Notes regarding Availability of Care

The survey form allowed the APRN to answer the questions whether they accept new patients (“availability”) separately for each site.

The following settings are included as “office settings”: Physician / APRN practices, independent APRN practices, community health centers, mental health clinics, hospital outpatient, hospital in-and-outpatient, and other ambulatory settings including urgent care / walk-in.

The following specialties are excluded: acute care, community health, occupational health, public health, school health, and trauma. Pediatrics excluded from the “accept Medicare patients” statistic.

7. **Geographical Regions** - States were grouped into the following regions:  
New England: ME, NH, VT, MA, CT, RI  
Other Northeast: NY, NJ, PA  
South: DE, MD, DC, VA, WV, NC, SC, GA, FL,  
          KY, TN, AL, MS, AR, OK, LA, TX  
Central: OH, IN, IL, MI, WI, MN, IA, MO, ND, SD, NE, KS  
West: MT, WY, CO, NM, ID, UT, AZ, NV, WA, OR, CA, AK, HI
8. **Patient Care Hours**  
"Full Time" is defined as 40 (or more) hours of direct patient care per week, for 48 or more weeks per year, on average, in Vermont. Average weekly hours (and FTEs), based on 48 weeks per year, were computed for APRNs who reported working more or less than 48 weeks per year. This results in fractional hours, and rounding errors may affect the displayed hours. Thus, in some cases the hours in the "total" columns differ, usually by one hour, from the totals of the hours displayed in the detail columns. Some APRNs provide additional patient care outside Vermont, and most do other types of work besides direct patient care.

# Appendix C: Vermont APRN Census 2017

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## Identification

- 1) First Name\* \_\_\_\_\_
  - 2) Middle Name (if any) \_\_\_\_\_
  - 3) Last Name\* \_\_\_\_\_
  - 4) Vermont APRN License Number\* \_\_\_\_\_
- 

## Demographics

- 5) Date of birth (M/D/YYYY)\* \_\_\_\_\_
- 6) Gender:    ( ) Male    ( ) Female    ( ) Other
- 7) How would you classify your race (check all that apply):
  - American Indian or Alaska Native
  - Asian
  - Black or African American
  - Native Hawaiian or other Pacific Islander
  - White

- Other - please specify: \_\_\_\_\_\*
- Prefer not to answer

## 8) Are you Hispanic, Latino/a, or of Spanish origin? (check all that apply)

- No
  - Yes, Mexican, Mexican American, Chicano/a
  - Yes, Puerto Rican
  - Yes, Cuban
  - Yes, another Hispanic, Latino/a, or of Spanish origin
  - Prefer not to answer
- 

## Education & Training

### 9) What type of nursing degree or credential qualified you for your first U.S. RN license?

- Diploma - nursing
- Associate Degree - nursing
- Bachelor's Degree - nursing
- Master's Degree - nursing
- Doctoral degree – nursing (PhD)
- Doctoral degree – nursing practice (DNP)
- Other (please specify): \_\_\_\_\_\*

**10) In what year did you complete the degree that qualified you for your first U.S. RN license? \_\_\_\_\_**

**11) In which state did you complete the degree or credential that qualified you for your first U.S. RN license?**

Outside the USA

Alabama

...

**If completed outside the U.S., please specify country:\*** \_\_\_\_\_

**13) What is your highest level of nursing education?**

Bachelor's Degree - nursing

Master's Degree - nursing

Doctoral degree - nursing (PhD)

Doctoral degree – nursing practice (DNP)

Other (please specify): \_\_\_\_\_\*

**What is your highest level of non-nursing education?**

Not applicable

Associate Degree – non-nursing

Bachelor's Degree – non-nursing

Master's Degree – non-nursing

Doctoral degree – non-nursing

Other (please specify): \_\_\_\_\_\*

**14) Are you currently enrolled in a nursing education program leading to a degree/certificate?**

Not enrolled

Master's Degree program

Doctoral degree program (PhD)

Doctoral degree program (DNP)

Other (please specify): \_\_\_\_\_\*

## **License & Practice**

**15) For how many years have you worked as an RN (in any state or country) before you became an APRN? \_\_\_\_\_**

**16) For how many years have you worked as an APRN (in any state or country)? \_\_\_\_\_**

**17) In what state(s) do you hold an active APRN license? [3 drop-down lists of state names]**

**18) In what state(s) are you currently actively practicing as an APRN? [3 drop-down lists of state names]**

**19) Indicate whether you are credentialed to practice as any of the following: (check all that apply)**

Nurse Practitioner (NP)

Clinical Nurse Specialist (CNS)

- Certified Nurse Midwife (CNM)
- Certified Registered Nurse Anesthetist (CRNA)
- Other (specify): \_\_\_\_\_\*

**20) In what areas do you hold credentials as an APRN? (check all that apply)**

- Adult
- Family
- Pediatrics
- Gerontology
- Midwifery (full scope)
- OB/Gyn (women's health)
- Medical / Surgical
- Psych / Mental Health
- Anesthesiology
- Acute / Emergency Care
- School
- Other (specify): \_\_\_\_\_\*

**Currently active**

**22) What is your employment status as an APRN? (select all that apply)\***

- Working in Vermont in a position that requires an APRN license

- Working outside Vermont in a position that requires an APRN license
- Working in a position that does not require an APRN license
- Not currently working - seeking work as a nurse
- Not currently working - not seeking work as a nurse
- Retired

**23) If not working as a nurse, please indicate the reasons: (select all that apply)**

- Taking care of home and family
- Difficulty in finding a nursing position
- Inadequate salary
- Disabled
- In school
- Other (specify): \_\_\_\_\_\*

**26) (if not now working in Vermont) Do you plan to start (or resume) working in Vermont as an APRN within the next 12 months?**

- Yes     No

**27) For how many years have you worked in Vermont as an APRN? \_\_\_\_\_**

**28) Do you have Hospital Privileges in Vermont?**

- Yes                       No

**Practice Site 1 (your primary Vermont practice site):**

**29) Name of Vermont TOWN within which this practice site is located: \*** \_\_\_\_\_

**30) Practice name:** \_\_\_\_\_

**31) Street Address of practice site (not a mailing address):** \_\_\_\_\_

**32) Zip code of practice site location:\*** \_\_\_\_\_

**Phone number of practice:\*** \_\_\_\_\_

**33) Which best describes the setting of this practice location? (choose one)\***

- Physician/APRN Practice
- Independent APRN Practice – solo
- Independent APRN Practice – group
- Hospital – outpatient
- Hospital – inpatient
- Hospital – inpatient and outpatient
- Urgent Care / Walk-in
- Nursing Home / Extended Care / Residential
- Home Health
- Correctional Facility
- Public Health

- Community Health Center / Clinic
- Mental Health Center
- School or College Health Service
- Occupational Health
- School of Nursing
- Other setting (please specify): \_\_\_\_\_\*

**34) Please identify the title that most closely corresponds to your primary nursing practice position at this site:\***

- Nurse Executive
- Nurse Manager
- Nurse Faculty / Educator
- Advanced Practice Nurse (patient care)
- Staff Nurse (patient care)
- Case Manager
- Nurse Researcher
- Consultant
- Other - Health Related
- Other - Not Health Related

**35) Please enter the number of weeks in a year during which you work at this site as an APRN: (48 weeks per year is considered "year-round")\* \_\_\_\_\_**

**36) Do you work here on a per diem basis?**

- Yes       No

**37) Do you work here as a traveler?**

- Yes       No

**Do you work here as a volunteer?**

- Yes       No

**38) Please identify the employment specialty that most closely corresponds to your primary practice at this site:\***

- Acute care / Critical Care
- Adult Health
- Family Health
- Anesthesia
- Community
- Emergency Department/Trauma
- Endocrinology
- Geriatric / Gerontology
- Home Health
- Medical Surgical
- Mental Health / Substance Abuse
- Occupational Health
- Oncology

- Orthopedics
- Palliative Care
- Pediatrics
- Neonatal
- Public Health
- School Health
- Women's Health / Maternal-Child / Gynecology / OB
- Other (specify): \_\_\_\_\_\*

**39) Indicate your average number of patient care hours here per working week in your primary specialty mentioned above: (Enter "0" if you do not provide patient care.)\* \_\_\_\_\_**

**40) Do you work here in another, secondary, specialty?\***

- Yes       No

**41) Please identify the employment specialty that most closely corresponds to your secondary practice at this site:\***

- Acute care/Critical Care

...

**42) Indicate your average number of patient care hours here per working week in your secondary specialty mentioned above: (Enter "0" if you do not provide patient care.)\* \_\_\_\_\_**



**45) Besides the patient care hours reported above, please tell us about any additional time you spend on other activities at this site:**

Hours per working week in administration at this site: \_\_\_\_\_

Hours per working week in supervision at this site: \_\_\_\_\_

Hours per working week in teaching at this site: \_\_\_\_\_

Hours per working week in research at this site: \_\_\_\_\_

Hours per working week in other activities (not mentioned above) at this site: \_\_\_\_\_

**Please describe the "other activities", if any:** \_\_\_\_\_

**44) Please answer each of the following questions about your work at this site providing patient care:**

	Yes	No	n.a.
Do you accept new patients here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you participate in Medicaid here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you accept new Medicaid patients here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you participate in Medicare here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you accept new Medicare patients here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

\_\_\_\_\_

**Practice Site 2:**

[same questions as for Site 1]

[similarly for Site 3 and for Site 4]

**Additional Vermont practice sites**

**104) Do you have more than four practice sites in Vermont?**

yes       no

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

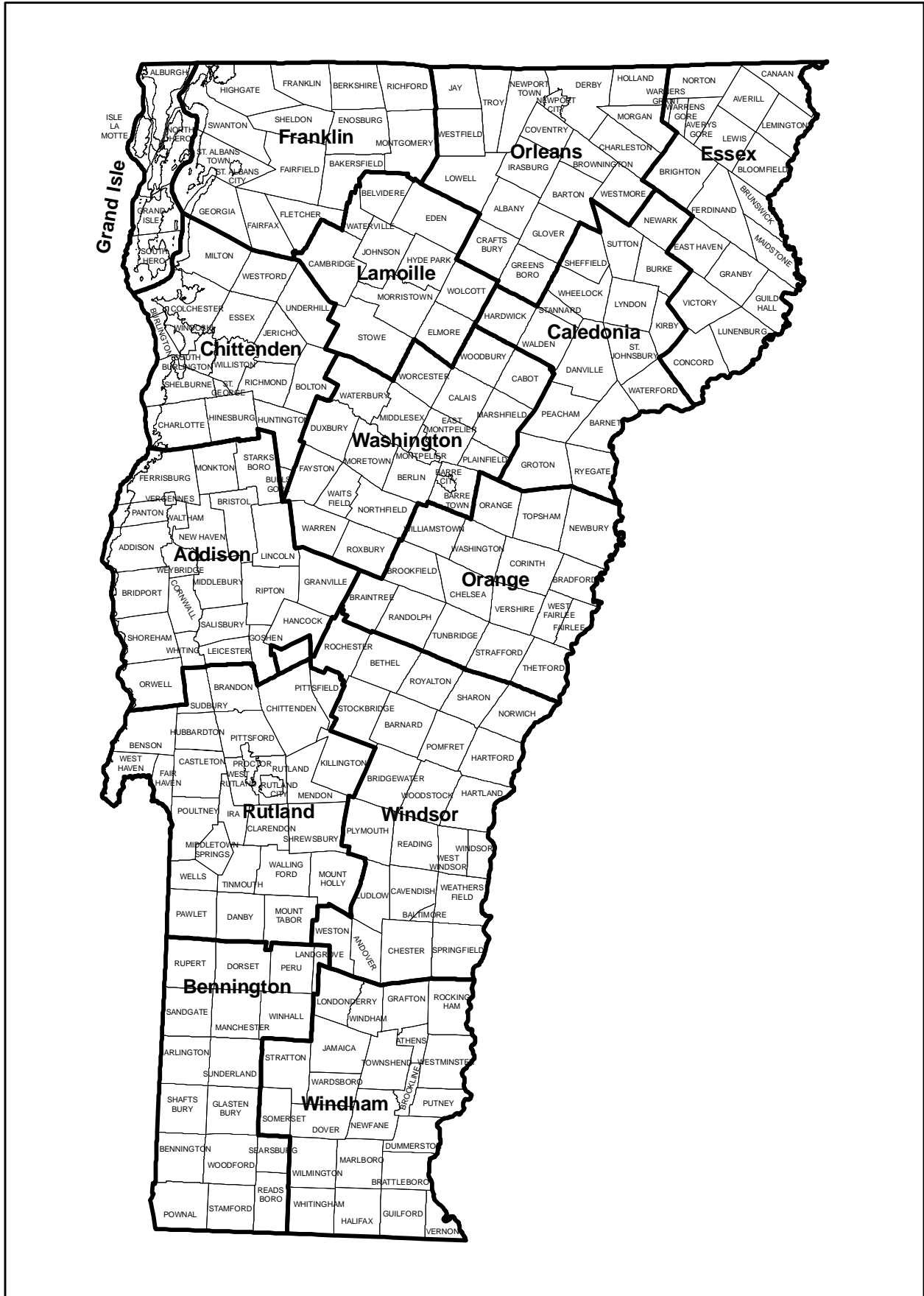
\_\_\_\_\_

**Final comments**

**105) Thank you. If there is anything else you want to tell us about your practice, or this census, please enter it here:**

\_\_\_\_\_

# Appendix D: Vermont Counties and Towns



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



Appendix F: Local Health Districts

