

Vermont Department of Health

Advanced Practice
Registered Nurses (APRNs)

2021 Census

Statistical Report

2021 Advanced Practice Registered Nurses (APRNs) Census Statistical Report

State of Vermont
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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. This 2021 report on advanced practice registered nurses (APRNs) practice in Vermont adds to those from 2019, 2017, and 2015, allowing us to examine trends over time. Prior to 2015, 2002 was the last time data on this population was collected. The data on APRNs and 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 2021. 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 reminders were sent to those APRNs who did not respond to the census when relicensing. Practice data was collected on all but 2 potentially active APRNs relicensed at the time, thus the response rate was above 99%.

A total of 1,187 APRNs renewed their license in 2021. Included in this report are the 836 APRNs who are active in Vermont as APRNs. This includes 11 APRNs who work in areas such as administration or teaching, but do not provide direct clinical care. APRNs who renewed their Vermont licenses but did not work in Vermont 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.

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, write the Department of Health, Health Statistics and Informatics, 280 State Street, Waterbury, VT 05671-8370, or call us at (802) 863-7200.

Summary

- This report includes data reported by 836 advanced practice registered nurses (APRNs) working in Vermont as of March 2021.
- 82% of APRNs are Nurse Practitioners. The rest are fairly evenly divided between Certified Nurse Midwives, Certified RN Anesthetists, and Clinical Nurse Specialists.
- 423 (51%) of the APRNs work mainly in primary care, including:
 - 88 - Adult Health
 - 158 - Family Health
 - 33 - Gerontology
 - 43 - Pediatric Primary Care
 - 16 - School Health
 - 85 - Primary Care Women's Health
- 413 (49%) of the APRNs provide mainly specialty care including:
 - 54 - Acute, Trauma or Critical Care
 - 58 - Anesthesiology
 - 122 - Mental Health
 - 46 - Specialty Adult, Family, Pediatrics, Women's Health or Gerontology
 - 21 - Oncology
 - 112 - Other Specialties
- Ages range from 26 to 86 with a median age of 47.
- Years worked as APRN range from under 1 year to 49 with a median of 9. This number does not include the years (median=6) worked as an RN before becoming an APRN.
- 16% of the APRNs in primary care, and 28% of those in specialty care, are age 60 or older.
- 737 (88%) of the 836 APRNs are women.
- 53% of the women, and 31% of the men, practice primary care. 30% of the men practice anesthesiology, and 19% mental health.
- The 836 APRNs represent the equivalent of 585.8 full-time providers (FTEs, defined as 40 or more hours of patient care per week, 48 weeks per year). This includes 299.7 FTEs in primary care and 286.1 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 32% of the specialty care FTEs are in Chittenden County.
- APRNs most often work in a physician/APRN group setting (25% of FTEs) or a hospital outpatient setting (24% of FTEs).
- 26% of all APRNs provide patient care full-time (40 hours per week or more). Another 35% 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 2019 and 2021, the number of APRNs in primary care increased from 355 to 423, and the number in specialty care increased from 371 to 413.
- Between 2019 and 2021, the percent of APRNs age 60 or more decreased from 28% to 22%.

Comparison of Selected APRN Data, 2000-2021

	2000	2002	**	2015	2017	2019	2021
Total active * APRNs	338	354		535	617	726	836
% over age 60	4%	6%		31%	27%	28%	22%
Percent female	90%	91%		90%	88%	89%	88%
Primary care APRNs	221	224		276	328	355	423
Adult Health	59	52			81	82	88
Family Health +	63	72		160	115	134	158
Gerontology	8	4		12	14	17	33
Pediatric Primary Care	25	22		29	34	43	43
Primary Care Women's Health	66	74		67	73	67	85
% over age 60	4%	7%		30%	25%	22%	16%
% accept new patients	93%	96%		96%	97%	97%	97%
accept new Medicaid patients	91%	91%		92%	95%	94%	92%
accept new Medicare patients	89%	86%		94%	95%	92%	91%
Specialist APRNs	117	130		259	289	371	413
Acute / Trauma	7	9		34	35	40	54
Anesthesia	36	34		41	45	51	58
Mental Health	38	37		61	78	90	122
Primary care FTEs	136.6	150.8		192.7	235.5	247.5	299.7
Adult Health	34.7	33.5			54.5	53.3	50.6
Family Health +	40.7	51.5		114.9	88.6	95.7	119.7
Gerontology	5.8	2.8		8.9	9.9	13.0	23.8
Pediatric Primary Care	13.2	13.2		20.7	23.2	28.9	28.4
Primary Care Women's Health	42.3	49.9		44.6	51.7	50.1	63.0
% over age 60	6%	5%		32%	30%	34%	13%
FTEs/100,000 population	22.4	24.5		30.8	37.7	39.5	46.4
% of FTEs in Chittenden Co.	30%	29%		32%	30%	31%	30%
Specialist FTEs	89.6	100.0		193.8	209.8	246.4	286.1
Acute / Trauma	5.9	8.0		27.8	27.5	30.7	26.2
Anesthesia	29.1	27.3		32.9	32.6	34.4	42.0
Mental Health	27.6	25.0		41.5	59.3	62.8	82.7
% of FTEs in Chittenden Co.	42%	51%		36%	35%	33%	32%

* working as APRNs in Vermont

** comparable data are not available for 2003-2014

+ for 2015 "Family Health" included adult health and internal medicine

Table 1 -- VT APRNs, 2021
 Summary of Active Nurse Practitioners

TOTAL	836	(100%)
License types: *		
Nurse Practitioner	689	(82%)
Clinical Nurse Specialist	30	(4%)
Certified Nurse Midwife	59	(7%)
Certified Nurse Anesthetist	58	(7%)
Main specialty:		
Primary Care:	423	(51%)
Adult Health	88	(11%)
Family Health	158	(19%)
Gerontology	33	(4%)
Pediatrics	43	(5%)
School Health	16	(2%)
Women's Health	85	(10%)
Specialty Care:	413	(49%)
Acute / Trauma	54	(6%)
Adult Health**	7	(1%)
Anesthesia	58	(7%)
Family Health	16	(2%)
Gerontology	1	(0%)
Mental Health	122	(15%)
Oncology	21	(3%)
Pediatrics/Neonatal	18	(2%)
Women's Health	4	(0%)
Other	112	(13%)
Age groups:		
younger than 40	251	(30%)
40 - 49	224	(27%)
50 - 59	180	(22%)
60 and older	181	(22%)
Gender:		
Male	94	(11%)
Female	737	(88%)
Other	2	(0%)
Ethnicity and Race:		
Hispanic, Latino or of Spanish origin	14	(2%)
White	776	(93%)
Native American	8	(1%)
Black	20	(2%)
Asian	9	(1%)
Native Hawaiian/ Pacific Islander	2	(0%)
Other race	3	(0%)
Prefer not to answer	32	(4%)

continued...

Table 1 -- VT APRNs, 2021
 Summary of Active Nurse Practitioners (continued)

Patient care hours:

less than 30 hours/week	324	(39%)
30 to 39 hours/week	293	(35%)
40 or more hours/week	219	(26%)

Other work hours:

None	445	(53%)
less than 10 hours/week	228	(27%)
10 to 19 hours/week	84	(10%)
20 or more hours/week	79	(9%)

Number of practice sites:

One	751	(90%)
Two	73	(9%)
Three or more	12	(1%)

* 17 NPs who also have another license type are excluded from the NP row.
 Another 17 NPs missing license type data are counted as NPs in this table.

** includes Home Health

Three APRNs were missing gender information.

Table 2 -- VT Advanced Practice Nurses, 2021
Separate Summaries by APRN Type

APRN type *	NP	CNM	CNS	CRNA	TOTAL
	-----	-----	-----	-----	-----
TOTAL	689 (100%)	59 (100%)	30 (100%)	58 (100%)	836 (100%)
Age groups:					
younger than 35	224 (33%)	17 (29%)	0 (0%)	10 (17%)	251 (30%)
35 - 44	179 (26%)	22 (37%)	1 (3%)	22 (38%)	224 (27%)
45 - 54	153 (22%)	11 (19%)	4 (13%)	12 (21%)	180 (22%)
55 and older	133 (19%)	9 (15%)	25 (83%)	14 (24%)	181 (22%)
Gender:					
Male	61 (9%)	0 (0%)	4 (13%)	29 (50%)	94 (11%)
Female	624 (91%)	58 (98%)	26 (87%)	29 (50%)	737 (88%)
Patient care hours:					
40 or more hours/week	164 (24%)	23 (39%)	4 (13%)	28 (48%)	219 (26%)
30 to under 40 hrs/wk	259 (38%)	18 (31%)	7 (23%)	9 (16%)	293 (35%)
20 to under 30 hrs/wk	126 (18%)	8 (14%)	8 (27%)	6 (10%)	148 (18%)
less than 20 hrs/wk	140 (20%)	10 (17%)	11 (37%)	15 (26%)	176 (21%)
Main specialty:					
Primary Care Total	369 (54%)	53 (90%)	1 (3%)	. (.%)	423 (51%)
Adult Health	87 (13%)	1 (2%)	. .	. .	88 (11%)
Family Health	157 (23%)	1 (2%)	. .	. .	158 (19%)
Gerontology	33 (5%)	. .	. .	. .	33 (4%)
Pediatrics	42 (6%)	1 (2%)	. .	. .	43 (5%)
School Health	16 (2%)	. .	. .	. .	16 (2%)
Women's Health	34 (5%)	50 (85%)	1 (3%)	. .	85 (10%)
Specialty Care Total	320 (46%)	6 (10%)	29 (97%)	58 (100%)	413 (49%)
Acute / Trauma	54 (8%)	. .	. .	. .	54 (6%)
Adult Health	7 (1%)	. .	. .	. .	7 (1%)
Anesthesia	2 (0%)	. .	. .	56 (97%)	58 (7%)
Family Health	16 (2%)	. .	. .	. .	16 (2%)
Gerontology	1 (0%)	. .	. .	. .	1 (0%)
Mental Health	94 (14%)	2 (3%)	26 (87%)	. .	122 (15%)
Oncology	20 (3%)	. .	1 (3%)	. .	21 (3%)
Pediatrics/Neonatal	18 (3%)	. .	. .	. .	18 (2%)
Women's Health	1 (0%)	3 (5%)	. .	. .	4 (0%)
Other	107 (16%)	1 (2%)	2 (7%)	2 (3%)	112 (13%)

* Note: 17 NPs who also have another license type are excluded from the NP row.
17 NPs missing license type data are counted as NPs in this table.
Percentages displayed are within each column.

Five APRNs answered the question on gender with "other" or were missing a response.
They are included in the total line but not in the gender breakdown section.

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

Table 3 -- VT APRNs, 2021
Age by Specialty and Gender

	Total	APRNs in Age Group				Age 60+
		<40	40-49	50-59	60+	(%)
NP *	689	224	179	153	133	19%
CNS	30	.	1	4	25	83%
CNM	59	17	22	11	9	15%
CRNA	58	10	22	12	14	24%
Primary Care:	423	152	119	85	67	16%
		(36%)	(28%)	(20%)	(16%)	
Adult Health	88	22	17	30	19	22%
Family Health	158	66	52	21	19	12%
Gerontology	33	11	9	8	5	15%
Pediatrics	43	17	11	8	7	16%
School Health	16	4	4	3	5	31%
Women's Health	85	32	26	15	12	14%
MALES	29	11	8	7	3	10%
FEMALES	389	140	109	76	64	16%
Specialty Care:	413	99	105	95	114	28%
		(24%)	(25%)	(23%)	(28%)	
Acute / Trauma	54	13	20	14	7	13%
Adult Health	7	2	2	2	1	14%
Anesthesia	58	10	20	13	15	26%
Family Health	16	5	6	4	1	6%
Gerontology	1	.	.	.	1	100%
Mental Health	122	19	26	26	51	42%
Oncology	21	3	4	6	8	38%
Other	112	38	22	26	26	23%
Pediatrics/Neonatal	18	9	4	3	2	11%
Women's Health	4	.	1	1	2	50%
MALES	65	10	23	16	16	25%
FEMALES	348	89	82	79	98	28%

* 17 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.

Five primary care APRNs answered the question on gender with "other" or were missing a response - they are included in the total line but not in the gender breakdown section.

Table 4 -- VT APRNs, 2021
Education and Training

	PRIMARY CARE	SPECIALTY CARE
	-----	-----
TOTAL	423	413
Region where trained as an RN:		
VT	35%	29%
NH	6%	5%
Other New England	23%	25%
Other Northeast	16%	17%
South	12%	11%
Central	4%	5%
West	3%	6%
Foreign	1%	1%
unknown	5	4
Hold credentials as an APRN in:		
Adult Health	21%	21%
Family Health	57%	37%
Pediatrics	6%	2%
Neonatal	0%	4%
Gerontology	12%	7%
Midwifery	12%	1%
Women's health	9%	2%
Mental health	1%	22%
Anesthesiology	0%	14%
other	1%	10%

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, 2021
 Years in Practice as an APRN

In Practice *	PRIMARY CARE	SPECIALTY CARE
less than a year	12 (3%)	3 (1%)
1 to 2 years	63 (15%)	35 (9%)
3 to 4 years	62 (15%)	53 (13%)
5 to 9 years	109 (26%)	99 (25%)
10 to 14 years	43 (10%)	66 (16%)
15 to 19 years	44 (11%)	39 (10%)
20 to 24 years	41 (10%)	43 (11%)
25 to 29 years	16 (4%)	21 (5%)
30 years or more	25 (6%)	44 (11%)
unknown	8	10
Total	423	413

* Not including years worked as an RN before becoming an APRN.
 APRNs are counted in their main practiced specialty group.

Table 6 -- VT APRNs, 2021
FTE by Age by Specialty and Gender

	Total	FTEs in Age Group				Age 60+
		<40	40-49	50-59	60+	(%)
NP *	483.5	168.6	130.0	104.4	80.5	17%
CNS	16.3	.	.4	3.5	12.4	76%
CNM	44.9	12.9	16.5	9.6	6.0	13%
CRNA	41.1	9.3	15.6	6.7	9.6	23%
Primary Care:	299.7	114.6	88.8	58.7	37.6	13%
		(38%)	(30%)	(20%)	(13%)	
Adult Health	56.2	15.5	12.7	19.6	8.3	15%
Family Health	119.7	51.1	40.9	14.6	13.0	11%
Gerontology	23.8	8.8	6.7	5.8	2.4	10%
Other	63.0	23.4	20.2	11.7	7.6	12%
Pediatrics	28.4	13.0	6.2	5.5	3.8	13%
School Health	8.7	2.8	2.1	1.4	2.3	27%
MALES	22.7	9.9	6.7	5.1	1.1	5%
FEMALES	273.0	104.2	80.5	51.8	36.5	13%
OTHER	1.5	.5	.	1.0	.	0%
Specialty Care:	286.1	76.1	73.8	65.4	70.8	25%
		(27%)	(26%)	(23%)	(25%)	
Acute / Trauma	41.7	10.4	17.2	9.0	5.1	12%
Adult Health	3.1	.5	1.3	1.2	.2	6%
Anesthesia	42.0	9.3	14.5	7.7	10.6	25%
Family Health	10.9	3.7	3.0	3.2	1.0	9%
Mental Health	82.7	12.8	19.1	18.6	32.1	39%
Oncology	12.5	2.7	2.2	3.4	4.2	34%
Other	81.1	32.4	14.2	19.1	15.5	19%
Pediatrics/Neonatal	9.9	4.2	2.2	2.4	1.1	11%
Women's Health	2.3	.	.2	1.0	1.1	47%
MALES	46.2	7.1	17.8	10.2	11.1	24%
FEMALES	239.9	69.0	56.0	55.3	59.7	25%

* 17 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.

Five primary care APRNs, providing 3.9 FTEs, answered the question on gender with "other" or were missing a response - they are included in the total line but not in the gender breakdown section.

Table 7 -- VT APRNs, 2021

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	434 299.7 14589	96 56.2 2895	166 119.7 5513	43 28.4 1347	90 63.0 2995	39 23.8 1356	16 8.7 483
Addison	25 16.9 812	2 1.5 60	9 5.4 261	5 3.2 158	7 4.8 227	1 .6 25	2 1.4 80
Bennington	21 14.3 650	6 3.4 176	6 4.1 173	1 .1 6	5 4.1 190	4 2.5 102	1 .0 2
Caledonia	29 20.3 951	7 4.7 210	11 7.7 338	3 2.3 130	6 4.2 182	2 1.4 92	.. ..
Chittenden	137 90.6 4536	34 19.1 1058	37 24.3 1136	17 10.8 477	35 25.3 1267	10 5.4 271	10 5.6 328
Essex	3 2.3 99	. . . .	3 2.3 99	.. ..	.. ..	.. ..	.. ..
Franklin	17 13.8 599	2 1.7 69	13 10.5 452	1 1.0 54	. . . .	1 .6 24	.. ..
Grand Isle	2 1.0 50	. . . .	2 1.0 50	.. ..	.. ..	.. ..	.. ..
Lamoille	15 10.8 517	2 1.8 79	7 4.8 216	1 .8 32	5 3.4 190	.. ..	.. ..
Orange	26 16.0 775	2 .5 20	13 8.3 403	4 2.0 79	7 4.6 228	1 .6 45	.. ..
Orleans	8 6.7 297	. . . .	5 4.7 210	1 1.0 40	2 1.1 46	.. ..	.. ..
Rutland	33 25.8 1283	5 3.7 194	18 14.4 717	2 1.9 128	4 2.8 117	4 3.1 128	.. ..
Washington	38 28.3 1293	6 3.7 187	18 14.3 613	3 2.3 95	6 4.2 199	5 3.9 199	.. ..
Windham	42 25.3 1192	14 7.3 373	13 8.3 388	3 1.5 71	10 6.4 265	1 .5 40	2 1.3 56
Windsor	39 25.3 1439	14 7.4 409	13 9.8 458	2 1.6 79	3 2.1 82	8 4.2 394	1 .3 17

In this table APRNs may be counted more than once (Note 3).

4 APRNs providing 2.3 FTEs were missing location data and are only included in the statewide total row.

Table 8 -- VT APRNs, 2021
 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	439 286.1 14167	60 41.7 2065	58 42.0 1909	29 14.0 720	126 82.7 3992	177 105.8 5481
Addison	20 13.8 720	4 2.7 217	4 4.0 170	1 .0 0	8 4.4 208	4 2.7 125
Bennington	30 20.3 1053	6 3.4 150	. . . .	2 2.0 86	11 6.8 366	12 8.1 451
Caledonia	43 25.2 1262	3 2.0 147	10 6.3 324	5 2.9 121	11 6.2 280	15 7.8 390
Chittenden	142 90.2 4516	10 8.4 411	16 12.5 538	5 1.3 111	39 22.5 1117	74 45.6 2340
Essex	2 .8 49	. . . .	. . . .	. . . .	1 .6 38	1 .2 11
Franklin	22 15.9 713	6 5.5 222	3 2.9 128	4 1.2 55	2 1.5 81	7 4.8 229
Lamoille	22 12.7 605	4 1.9 76	8 4.5 199	. . . .	4 2.1 106	6 4.2 224
Orange	13 7.0 334	5 3.3 157	. . . .	. . . .	7 3.6 152	1 .1 25
Orleans	8 5.0 255	. . . .	. . . .	1 .8 61	4 3.1 144	3 1.2 50
Rutland	43 24.3 1136	8 4.7 191	7 3.6 144	1 .8 30	13 8.1 391	14 7.2 381
Washington	36 24.3 1198	5 2.4 105	2 1.5 80	7 3.7 191	11 7.6 379	11 9.1 443
Windham	42 25.0 1281	5 3.6 175	4 1.5 64	1 .3 13	19 13.8 629	15 5.8 399
Windsor	39 21.3 1033	7 3.8 215	11 5.2 263	1 1.0 44	5 2.5 100	15 8.7 411

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.

4 APRNs providing 0.3 specialty care FTEs were missing county information and are only included in the statewide total row.

Table 9 -- VT APRNs, 2021
 Primary Care Provider FTE to Population Ratios by County

County	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	299.7	645,570	46.4	2,154
Addison	16.9	37,260	45.4	2,204
Bennington	14.3	37,312	38.2	2,618
Caledonia	20.3	30,403	66.7	1,499
Chittenden	90.6	168,865	53.6	1,865
Essex	2.3	5,925	38.1	2,624
Franklin	13.8	50,325	27.5	3,634
Grand Isle	1.0	7,421	13.5	7,421
Lamoille	10.8	26,126	41.4	2,417
Orange	16.0	29,541	54.2	1,847
Orleans	6.7	27,546	24.5	4,083
Rutland	25.8	60,591	42.6	2,348
Washington	28.3	59,969	47.2	2,120
Windham	25.3	46,090	54.9	1,823
Windsor	25.3	58,196	43.5	2,300

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 2021
 (see note 4).

4 APRNs providing 2.3 primary care FTEs were missing county
 information and are only included in the statewide
 total row.

Table 10 -- VT APRNs, 2021
Detailed Specialty List

Specialty	Count of APRNs Working in Specialty		
	As Main Specialty	As Secondary Specialty	TOTAL FTEs
TOTAL	836	77	585.8
Primary Care:	423	27	299.7
Adult Health	78	8	50.6
Family Health	158	8	119.7
Gerontology	33	6	23.8
Home Health	10	.	5.5
Pediatrics	43	.	28.4
School Health	16	.	8.7
Women's Health	85	5	63.0
Specialty Care:	413	50	286.1
Acute / Critical Care	32	5	26.2
Adult Health	7	.	3.1
Anesthesia	58	.	42.0
Cardiology	13	2	9.8
Community	7	1	3.6
Endocrinology	8	1	5.4
Family Health	16	6	10.9
Gerontology	1	.	.0
Medical Surgical	11	2	9.0
Mental Health	122	4	82.7
Neonatal	16	1	9.6
Occupational Health	10	1	5.0
Oncology	21	.	12.5
Orthopedics	13	.	11.0
Palliative Care	14	6	10.6
Pediatrics	2	1	.3
Public Health	2	1	.0
Trauma / ER	22	2	15.5
Women's Health	4	2	2.3
Other	34	15	26.7

See Appendix A for the definition of 'FTE'.

Table 11 -- VT APRNs, 2021
 FTEs by Practice Setting by Specialty

Specialty	FTEs in Practice Setting					
	Physician /APRN	APRN Practice	Other Clinic	Hospital Inpatient	Hospital Outpatient	All Others
Total	147.0	44.3	115.8	54.0	141.5	83.1
Primary Care	107.1	19.2	73.5	.	64.7	35.3
Adult Health	16.1	5.8	12.3	.	12.6	9.3
Family Health	53.7	7.3	39.4	.	17.1	2.3
Gerontology	1.9	.2	1.5	.	4.5	15.7
Pediatrics	18.1	.1	5.3	.	4.9	.
School Health	.	.6	.	.	.0	8.0
Women's Health	17.3	5.2	15.0	.	25.5	.0
Specialty Care	39.9	25.1	42.4	54.0	76.8	47.8
Acute / Trauma	1.7	.7	13.2	12.8	3.4	9.9
Adult Health	.	.	.8	.5	.	1.9
Anesthesia	7.0	6.8	.0	5.3	22.9	.0
Family Health	.	.	7.1	1.3	.	2.4
Gerontology	.	.	.	.	.	.0
Mental Health	13.4	15.2	16.8	7.0	8.8	21.4
Oncology	4.4	.	.	.	8.1	.
Pediatrics/Neonatal	.	.2	.	8.6	1.1	.0
Women's Health	.	.	.1	1.2	.	1.0
Other	13.5	2.3	4.3	17.3	32.5	11.2

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, 2021
Detailed Practice Settings

Practice Setting	Primary Care		Specialty Care	
	FTEs	Percent	FTEs	Percent
TOTAL	299.7	100%	286.1	100%
Academic Setting	.	.	.0	0%
APRN Practice - group	12.0	4%	6.9	2%
APRN Practice - solo	7.2	2%	18.2	6%
Community Health Center	73.5	25%	22.3	8%
Correctional Facility	.	.%	5.0	2%
Home Health	6.3	2%	4.7	2%
Hospital Emergency Department	.	.	10.1	4%
Hospital In- & Outpatient	31.0	10%	44.9	16%
Hospital Inpatient Department	.	.	54.0	19%
Hospital Outpatient Department	33.7	11%	32.0	11%
Mental Health Facility	1.1	0%	17.1	6%
Nursing Home/Extended Care	19.0	6%	2.1	1%
Occupational Health	.	.	4.3	2%
Physician/APRN Practice	107.1	36%	39.9	14%
Public Health	.	.	1.1	0%
School or College-Based Clinic	9.0	3%	.5	0%
Urgent Care / Walk in	.	.	20.1	7%
Other setting	.	.	3.0	1%

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.

Table 13 -- VT APRNs, 2021
Practice Setting by Age

Practice Setting	Total	Number in Age Group		
		under 40	40-59	60 and older
TOTAL	836 (100%)	251	404	181
Academic Setting	2 (0%)	.	1	1
APRN Practice - group	33 (4%)	6	20	7
APRN Practice - solo	45 (5%)	4	22	19
Community Health Center	135 (16%)	41	62	32
Correctional Facility	8 (1%)	.	7	1
Home Health	21 (3%)	6	11	4
Hospital Emergency Department	13 (2%)	4	7	2
Hospital In- & Outpatient	96 (11%)	26	48	22
Hospital Inpatient Department	70 (8%)	25	35	10
Hospital Outpatient Department	92 (11%)	34	39	19
Mental Health Facility	29 (3%)	3	13	13
Nursing Home/Extended Care	30 (4%)	9	14	7
Occupational Health	7 (1%)	1	4	2
Physician/APRN Practice	199 (24%)	79	88	32
Public Health	4 (0%)	.	2	2
School or College-Based Clinic	16 (2%)	4	7	5
Urgent Care / Walk in	24 (3%)	7	16	1
Other setting	12 (1%)	2	8	2

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, 2021
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:	423	30	32	31	23	5
Adult Health	88	29	35	29	20	6
Family Health	158	31	31	31	29	4
Gerontology	33	31	35	33	14	9
Pediatrics	43	28	31	28	22	4
School Health	16	23	28	24	19	10
Women's Health	85	30	30	33	25	5
Specialty Care:	413	29	31	29	26	5
Acute / Trauma	54	35	35	36	31	4
Adult Health	7	18	.	25	.	7
Family Health	16	27	29	24	.	5
Anesthesia	58	31	39	28	31	2
Mental Health	122	27	27	30	25	5
Oncology	21	28	36	29	22	8
Pediatrics/Neonatal	18	22	19	25	.	7
Other	117	28	34	26	24	7

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, 2021
Practice Availability by Specialty

Specialty	FTEs	Accept New Patients	Participate in Medicaid	Accept New Medicaid Patients	Participate in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
TOTAL	443.0	98%	98%	93%	97%	91%
PRIMARY CARE	264.8	98%	98%	93%	97%	92%
Adult Health	47.6	96%	93%	87%	93%	87%
Family Health	117.7	97%	100%	91%	99%	92%
Gerontology	8.1	100%	100%	100%	100%	100%
Pediatrics	28.4	100%	98%	95%	n.a.	n.a.
Women's Health	63.0	100%	100%	100%	98%	95%
SPECIALTY CARE	178.2	98%	98%	92%	97%	90%
Adult Health	.8	100%	100%	100%	100%	100%
Family Health	7.1	100%	100%	87%	100%	87%
Anesthesia	36.6	100%	100%	86%	100%	89%
Mental Health	71.4	94%	98%	91%	93%	84%
Oncology	12.5	100%	100%	100%	100%	100%
Pediatrics/Neonatal	1.3	100%	100%	100%	n.a.	n.a.
Women's Health	.1	100%	.%	.%	.%	.%
Other	48.5	100%	97%	95%	98%	96%

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, 2021

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	434 299.7 14589	96 56.2 2895	166 119.7 5513	43 28.4 1347	90 63.0 2995	39 23.8 1356	16 8.7 483
Barre	39 28.9 1338	6 3.7 187	18 14.3 613	3 2.3 95	6 4.2 199	6 4.5 244	. . .
Bennington	21 14.3 650	6 3.4 176	6 4.1 173	1 .1 6	5 4.1 190	4 2.5 102	1 .0 2
Brattleboro	38 22.7 1060	13 7.1 344	10 5.9 285	3 1.5 71	10 6.4 265	1 .5 40	2 1.3 56
Burlington	137 90.6 4536	34 19.1 1058	37 24.3 1136	17 10.8 477	35 25.3 1267	10 5.4 271	10 5.6 328
Middlebury	25 16.9 812	2 1.5 60	9 5.4 261	5 3.2 158	7 4.8 227	1 .6 25	2 1.4 80
Morrisville	19 13.1 628	2 1.8 79	11 7.1 327	1 .8 32	5 3.4 190	...	...
Newport	9 7.5 336	. . .	6 5.4 249	1 1.0 40	2 1.1 46	...	...
Rutland	33 25.8 1283	5 3.7 194	18 14.4 717	2 1.9 128	4 2.8 117	4 3.1 128	. . .
Springfield	18 11.0 655	3 1.6 120	9 7.1 307	1 .8 33	. . .	5 1.6 195	. . .
St. Albans	19 14.8 649	2 1.7 69	15 11.5 502	1 1.0 54	. . .	1 .6 24	. . .
St. Johnsbury	30 21.2 976	7 4.7 210	11 8.7 362	3 2.3 130	7 4.2 182	2 1.4 92	. . .
Wht Rvr Jct	47 30.3 1561	13 6.3 329	17 11.6 582	5 2.7 125	9 6.7 310	5 2.7 199	1 .3 17

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

5 APRNs providing 2.5 primary care FTEs were missing location
information and are only included in the statewide
total row.

Table 17 -- VT APRNs, 2021
 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	439 286.1 14167	60 41.7 2065	58 42.0 1909	29 14.0 720	126 82.7 3992	177 105.8 5481
Barre	37 24.5 1218	5 2.4 105	2 1.5 80	7 3.7 191	12 7.8 399	11 9.1 443
Bennington	30 20.3 1053	6 3.4 150	. . .	2 2.0 86	11 6.8 366	12 8.1 451
Brattleboro	40 23.6 1219	5 3.6 175	4 1.5 64	1 .3 13	17 12.4 567	15 5.8 399
Burlington	142 90.2 4516	10 8.4 411	16 12.5 538	5 1.3 111	39 22.5 1117	74 45.6 2340
Middlebury	20 13.8 720	4 2.7 217	4 4.0 170	1 .0 0	8 4.4 208	4 2.7 125
Morrisville	26 14.9 696	4 1.9 76	8 4.5 199	1 .8 32	6 3.3 159	7 4.4 230
Newport	10 5.4 279	. . .	. . .	1 .8 61	5 3.4 163	4 1.2 55
Rutland	43 24.3 1136	8 4.7 191	7 3.6 144	1 .8 30	13 8.1 391	14 7.2 381
Springfield	26 15.3 765	7 3.8 215	8 4.1 218	1 1.0 44	3 2.6 110	7 3.8 178
St. Albans	22 15.9 713	6 5.5 222	3 2.9 128	4 1.2 55	2 1.5 81	7 4.8 229
St. Johnsbury	44 24.8 1249	3 2.0 147	10 6.3 324	5 2.1 89	12 6.6 299	15 7.8 390
Wht Rvr Jct	25 12.7 590	5 3.3 157	3 1.1 45	. . .	8 3.3 131	9 5.0 258

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.

4 APRNs providing 0.3 specialty care FTEs were missing county information and are only included in the statewide total row.

Table 18 -- VT APRNs, 2021

Primary Care Provider FTE to Population Ratios
by Local Health District

District	FTEs	Population	FTEs per 100,000	Population per FTE
STATEWIDE TOTAL	299.7	645,570	46.4	2,154
Barre	28.9	67,184	43.0	2,324
Bennington	14.3	37,312	38.2	2,618
Brattleboro	22.7	38,173	59.5	1,681
Burlington	90.6	168,836	53.6	1,864
Middlebury	16.9	37,111	45.6	2,195
Morrisville	13.1	32,340	40.5	2,472
Newport	7.5	28,067	26.8	3,727
Rutland	25.8	60,769	42.5	2,355
Springfield	11.0	34,218	32.3	3,100
St. Albans	14.8	57,746	25.7	3,889
St. Johnsbury	21.2	34,050	62.4	1,603
Wht Rvr Jct	30.3	49,764	60.9	1,642

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 2021

5 APRNs providing 2.5 primary care FTEs were missing location
information and are only included in the statewide
total row.

Table 19 -- VT APRNs, 2019 and 2021
 Changes in Number of APRNs, Patient Care Hours
 and Specialties, between 2019 and 2021

	2019	2021	Change	
TOTAL	726	836	+110	+15%
Main specialty:				
Primary Care:	355	423	+68	+19%
Adult Health	82	88	+6	+7%
Family Health	134	158	+24	+18%
Gerontology	17	33	+16	+94%
Pediatrics	43	43	0	0%
School Health	12	16	+4	+33%
Women's Health	67	85	+18	+27%
Specialty Care:	371	413	+42	+11%
Acute / Trauma	40	54	+14	+35%
Adult Health	22	7	-15	-68%
Family Health	21	16	-5	-24%
Anesthesia	51	58	+7	+14%
Gerontology	4	1	-3	-75%
Mental Health	90	122	+32	+36%
Oncology	18	21	+3	+17%
Pediatrics/Neonatal	13	18	+5	+38%
Women's Health	11	4	-7	-64%
Other	101	112	+11	+11%
Age groups:				
younger than 40	192	251	+59	+31%
40 - 49	184	224	+40	+22%
50 - 59	144	180	+36	+25%
60 and older	206	181	-25	-12%
Gender:				
Male	82	94	+12	+15%
Female	642	737	+95	+15%
Other	2	2	0	0%
Patient care hours:				
40 or more hours/week	170	219	+49	+29%
30 to under 40 hours/week	249	293	+44	+18%
less than 30 hours/week	307	324	+17	+6%

Three APRNs were missing gender information for 2021.

Table 20 -- VT APRNs, 2019 and 2021
Full Time Equivalent (FTEs) by County

PRIMARY CARE:			
	2019	2021	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	247.5	299.7	+52.2
Addison	13.9	16.9	+3.0
Bennington	9.6	14.3	+4.7
Caledonia	18.1	20.3	+2.2
Chittenden	76.1	90.6	+14.5
Essex	.9	2.3	+1.4
Franklin	11.6	13.8	+2.2
Grand Isle	.	1.0	+1.0
Lamoille	7.9	10.8	+2.9
Orange	13.2	16.0	+2.8
Orleans	7.5	6.7	-.8
Rutland	24.6	25.8	+1.2
Washington	20.6	28.3	+7.7
Windham	20.2	25.3	+5.1
Windsor	21.3	25.3	+4.0
SPECIALTY CARE:			
	2019	2021	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	246.4	286.1	+39.7
Addison	11.6	13.8	+2.2
Bennington	15.8	20.3	+4.5
Caledonia	19.0	25.2	+6.2
Chittenden	80.2	90.2	+10.0
Essex	.3	.8	+.5
Franklin	12.5	15.9	+3.4
Grand Isle	.0	.	.
Lamoille	13.8	12.7	-1.1
Orange	5.8	7.0	+1.2
Orleans	2.7	5.0	+2.3
Rutland	24.7	24.3	-.4
Washington	20.7	24.3	+3.6
Windham	21.5	25.0	+3.5
Windsor	11.0	21.3	+10.3

For 2019, 4 APRNs providing 2.0 primary care FTEs and 9 APRNs providing 6.7 specialty care FTEs were missing location data. For 2021, 4 APRNs providing 2.3 primary care FTEs and 4 APRNs providing 0.3 specialty care FTEs were missing location data. These FTEs are only included in statewide total rows.

Table 21 -- VT APRNs, 2002 and 2021
 Changes in Number of APRNs, Patient Care Hours
 and Specialties, between 2002 and 2021

	2002	2021	Change	
TOTAL	354	836	+482	+136%
Main specialty:				
Primary Care:	229	423	+194	+85%
Adult Health	52	88	+36	+69%
Family Health	72	158	+86	+119%
Gerontology	4	33	+29	+725%
Pediatrics	22	43	+21	+95%
School Health	5	16	+11	+220%
Women's Health	74	85	+11	+15%
Specialty Care:	125	413	+288	+230%
Acute / Trauma	9	54	+45	+500%
Adult Health	0	7	+7	+.%
Family Health	0	16	+16	+.%
Anesthesia	34	58	+24	+71%
Gerontology	0	1	+1	+.%
Mental Health	37	122	+85	+230%
Oncology	0	21	+21	+.%
Pediatrics/Neonatal	0	18	+18	+.%
Women's Health	0	4	+4	+.%
Other	45	112	+67	+149%
Age groups:				
younger than 40	63	251	+188	+298%
40 - 49	146	224	+78	+53%
50 - 59	123	180	+57	+46%
60 and older	21	181	+160	+762%
Gender:				
Male	32	94	+62	+194%
Female	322	737	+415	+129%
Other	0	2	+2	+.%
Patient care hours:				
40 or more hours/week	118	219	+101	+86%
30 to under 40 hours/week	83	293	+210	+253%
less than 30 hours/week	153	317	+164	+107%
hours unknown or undefined	0	7		

Three APRNs were missing gender information for 2021.

Table 22 -- VT APRNs, 2002 and 2021
Full Time Equivalents (FTEs) by County

PRIMARY CARE:			
	2002	2021	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	150.8	299.7	+148.9
Addison	5.4	16.9	+11.5
Bennington	8.2	14.3	+6.1
Caledonia	9.8	20.3	+10.5
Chittenden	43.9	90.6	+46.7
Essex	.9	2.3	+1.4
Franklin	3.2	13.8	+10.6
Grand Isle	.5	1.0	+.5
Lamoille	8.5	10.8	+2.3
Orange	6.9	16.0	+9.1
Orleans	4.9	6.7	+1.8
Rutland	13.5	25.8	+12.3
Washington	11.6	28.3	+16.7
Windham	18.9	25.3	+6.4
Windsor	14.5	25.3	+10.8
SPECIALTY CARE:			
	2002	2021	Change
	<hr/>	<hr/>	<hr/>
STATEWIDE TOTAL	100.0	286.1	+186.1
Addison	3.5	13.8	+10.3
Bennington	6.8	20.3	+13.5
Caledonia	5.6	25.2	+19.6
Chittenden	50.8	90.2	+39.4
Essex	.	.8	+.8
Franklin	2.9	15.9	+13.0
Grand Isle	.2	.	-.2
Lamoille	1.4	12.7	+11.3
Orange	.8	7.0	+6.2
Orleans	1.0	5.0	+4.0
Rutland	10.0	24.3	+14.3
Washington	6.1	24.3	+18.2
Windham	5.0	25.0	+20.0
Windsor	6.1	21.3	+15.2

For 2021, 4 APRNs providing 2.3 primary care FTEs and 4 APRNs providing 0.3 specialty care FTEs were missing county information and are only included in the statewide total row.

Appendix A. General Notes and Terms

Definition of Active APRN

An APRN who was relicensed for the period 2021-2022 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 10 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 women's 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.

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, 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 March 31, 2021 (the end of the renewal period) minus the date of birth.

(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, 2021, as released by the Census Bureau.

(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 – but excluding 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 Department of Health 2021 Census of Advanced Practice Registered Nurses

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) Sex () 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)
 - () Yes () No () Prefer not to answer
-

Education & Training

- 9) What type of nursing degree or credential qualified you for your first U.S. RN license?
 - () Diploma/certificate - 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
 - () Alaska
 - () ...

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

12) 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): _____*

13) 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?

- Alabama
- Alaska
- ...

18) In what state(s) are you currently actively practicing as an APRN?

- Alabama
- Alaska
- ...

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

Current Status

21) 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 nursing position that does not require an APRN license
- Working in a field other than nursing
- Not currently working - seeking work as a nurse
- Not currently working - not seeking work as a nurse
- Retired

22) 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):

.....*

[if not active in Vermont]

24) Do you plan to start (or resume) working in Vermont as an APRN within the next 12 months?

- Yes No Do not know

[and then skip to end of census form]

[if currently active in Vermont]

25) For how many years have you worked in Vermont as an APRN?

26) Do you have Hospital Privileges in Vermont?

- Yes No

Practice Site 1 (your primary Vermont practice site):

27) Name of Vermont TOWN within which this practice site is located (not a mailing address):* _____

28) Practice name: _____

29) Street Address of practice site (not a mailing address):

30) Zip code of practice site location:* _____

31) Public (main line) phone number of practice:* _____

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

- Physician/APRN Practice
- Independent APRN Practice – solo
- Independent APRN Practice – group
- Hospital – inpatient

- Hospital – outpatient
- Hospital – inpatient and outpatient
- Emergency Department
- Urgent Care / Walk-in
- Nursing Home / Extended Care / Residential
- Home Health
- Correctional Facility
- Community Health Center / Clinic
- Mental Health Center
- Public Health
- School or College Health Service
- Occupational Health
- School of Nursing
- Other setting (please specify): _____*

33) 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

34) 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")* _____

35) Do you work here on a per diem basis?

- Yes No

36) Do you work here as a traveler?

- Yes No

37) 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
- Cardiology
- 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/College 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" here if you do not provide patient care. There are questions further down about hours in other activities.)* _____

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
 Adult Health
 ...

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 in the secondary specialty.)* _____

43) 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 charting at this site: _____
 Hours per working week in teaching at this site: _____
 Hours per working week in research at this site: _____
 Hours 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"/>

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

Second Vermont practice site

46) Do you have a second practice site in Vermont?*
 yes no

[if yes, same questions as for site 1]

[same for Site 3 and Site 4]

Additional Vermont practice sites

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

- yes
- no

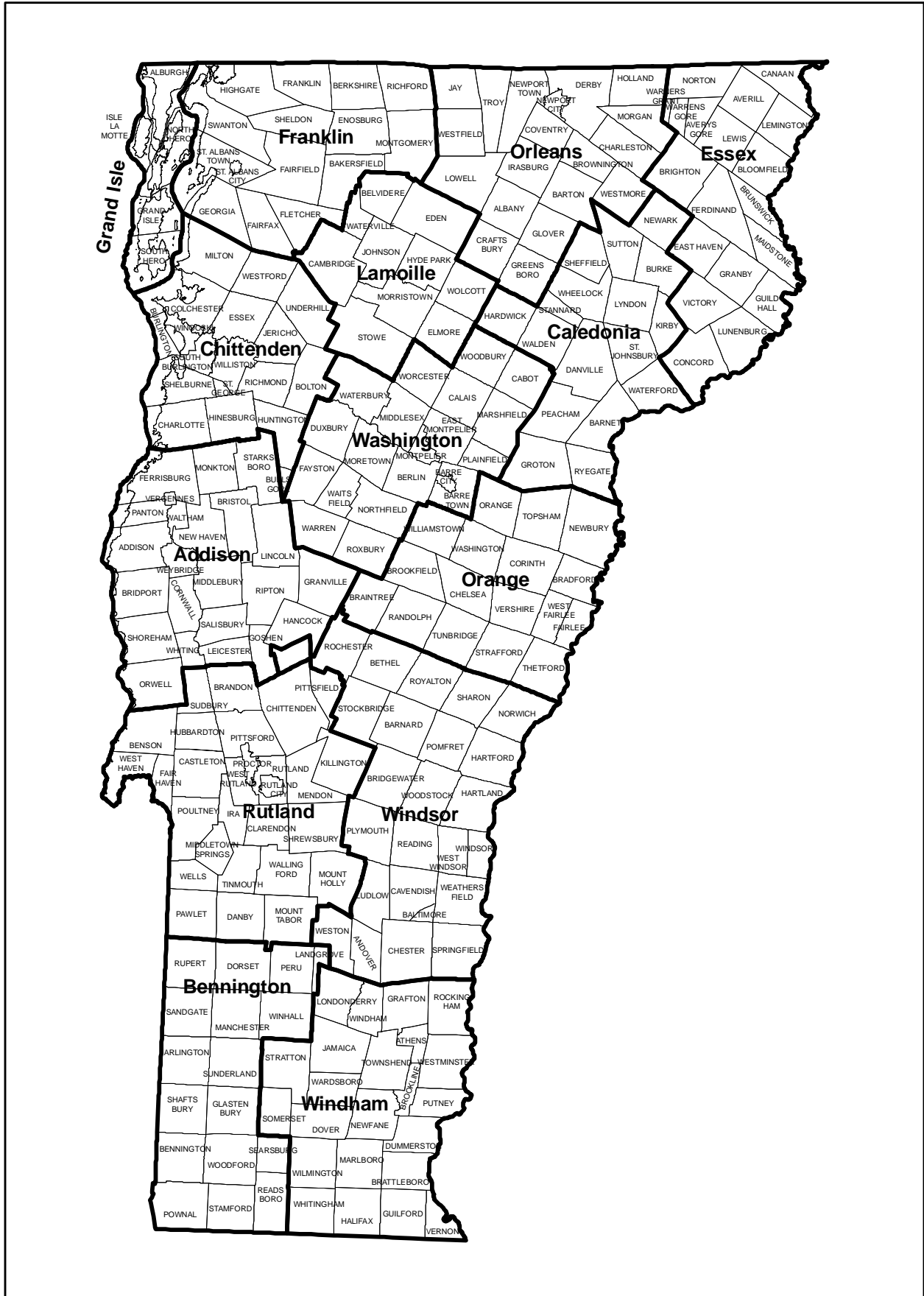
107) Please describe your work at additional sites beyond the four you entered above, briefly, including locations, settings, specialties and hours:

Final comments

The results of these censuses have allowed us to monitor changes in Vermont's medical workforce. Reports based on these censuses are available [on the Vermont Department of Health website](#). The findings have been used in the Community Assessments, the State Health Plan, the Health Resources Allocation Plan and the designation of medically underserved areas.

108) 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: Local Health Districts

