



**2020 Physician Census**  
**Statistical Report**

# **2020 Physician Census**

## **Statistical Report**

Phil Scott, Governor



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## **Acknowledgments**

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We also wish to express our appreciation to all the physicians who took the time and effort to complete the census form.

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## Introduction

Since the health of Vermonters depends, in part, on access to health care, we need to measure the supply of health care providers, including their distribution by geography and specialty. In this report we present detailed profiles of physicians practicing in Vermont as of the end of the year 2020; these data can be used as the basis for policy analysis, shortage area designations, and recruitment and retention activities.

### Data Collection

This report includes physicians (MDs and DOs) who renewed their license as of late 2020. A link to the online Workforce Census form was included in the MD online relicensing conducted by the Vermont Board of Medical Practice in the fall of 2020. The questions asked are included in this report as Appendix C. The Board followed up with those who did not originally respond to the census.

A separate board licenses Doctors of Osteopathy (DO). A link to the same census was included in the online relicensing done in late summer of 2020. Follow-up was conducted as needed. Data from the DO census were combined with the MD census data to produce this report.

Included in this report are physicians who provide patient care in Vermont. Excluded are the substantial number of physicians who maintain Vermont licenses even though they do not practice in Vermont. Federally employed physicians who do not provide patient care outside a federal facility are not required to maintain a Vermont license, and are therefore not included, unless they do have a Vermont license. Physicians participating in residency programs are not required to maintain a Vermont license, although some choose to do so. For consistency, all residents, clinical fellows and research fellows are excluded from this report.

Similar surveys have been conducted every two years since 1992. Comparisons of the 2020 census to previous censii are included in this report. Similar data are collected from other health professionals. Results are available on the Department of Health web site at [healthvermont.gov/health-care-workforce-reports](http://healthvermont.gov/health-care-workforce-reports) .

### Limitations

Information was obtained from or about almost all potentially active physicians who renewed their license by the end of 2020. Two physicians could not be reached and are not included. Physicians who were in residency or fellowship training at the time are not included in this report.

*Locum tenens* practitioners fill positions on a temporary basis when practitioners are on sabbatical, vacation, or absent for an extended period. Work done on a *locum tenens* basis for less than a year is not counted in this report, other than in the tables on pages 55-59. Those who reported working in the same *locum tenens* position for more than a year *are* counted – unlike in reports 2016 and prior. Some physicians worked partly as *locum tenens* and partly not - their non-*locum-tenens* work is reported here. Physicians who worked partly in Vermont and partly elsewhere are reported here, but only their Vermont work is reported.

Some physicians provide services remotely from out of state to Vermont patients, and the portion of their work related to Vermont patients could not be determined. Therefore, hours are not reported, and full-time equivalents (FTEs) are not computed, for telemedicine - as well as *all* radiologists and pathologists, since many of them work remotely. Some physicians reported Vermont-specific telemedicine, meaning that they worked a specific number of hours on contract remotely providing care for a specific Vermont practice. They are counted where other telemedicine is not, since we

could compute Vermont FTEs for them.

A significant number of physicians provide patient care for only a small number of hours in an average week. Some work mainly in teaching, research or administration, or are semi-retired, work mainly out of state, or only work in Vermont seasonally. They are counted in this report, and thus one should interpret the counts with caution. The tables that report FTEs rather than counts may be more informative. See pages 55-60 for data on physicians with few hours.

The data and report were reviewed for accuracy and consistency. Missing and/or inconsistent data items were evaluated as to their importance. Non-critical missing data items are reported as missing. In a few instances where critical information was missing, but the physician is known to be practicing the same specialty in the same town as in 2018, the missing data were replaced with information from the previous census.

In general, information for this report was self-reported and 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.

Detailed notes and definitions are included in the Appendices. Please contact us if you have any questions about the census 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 and ask for the Health Care Workforce Census.

## Summary of Active Physicians, 2020

- ◆ This report includes data reported by 2633 physicians providing patient care in Vermont. This includes 2470 Medical Doctors and 163 Doctors of Osteopathy. Residents and fellows are excluded from this report. Included are 572 who provide telemedicine services only.
- ◆ 566 physicians provide mainly primary care, and 584 physicians provide any primary care, corresponding to 426.3 Full Time Equivalents (FTEs) – continuing to decrease from 2016 and 2018.
- ◆ 2067 physicians provide mainly specialty care. Excluding radiologists, pathologists, and telemedicine, 1398 physicians provide any specialty care, corresponding to 974.2 FTEs. This is an increase from 2018, continuing a longer trend, with an additional large jump in telemedicine providers in multiple specialties.
- ◆ 33% of primary care physicians are over age 60, as compared with 29% in 2014, 19% in 2008, and 9% in 2002. This is a decrease from the 36% in 2018 and may be an indicator that some older physicians are beginning to leave active practice.
- ◆ In 4 of the 14 counties, 40% or more of the primary care physicians are over age 60: Windham (48%), Bennington (48%), Caledonia (46%), and Windsor (43%).
- ◆ 27% of specialists are over age 60. This includes 42% of psychiatrists and 33% of urgent care specialists.
- ◆ The prevalence of telemedicine has increased further, mostly in radiology, but now also in emergency medicine, internal medicine subspecialties, neurology, and other specialties.
- ◆ 80% of primary care physicians (in office settings) accept new patients, but only 76% accept new Medicaid patients and 71% accept new Medicare patients.
- ◆ 1083 or 41% of Vermont physicians, and 57% of primary care physicians, are women. In 1996 only 22% of Vermont physicians, and 28% of primary care physicians, were women.
- ◆ 682 or 33% of Vermont’s physicians have attended the University of Vermont’s College of Medicine and/or have completed a residency or fellowship there. 414 (20%) are graduates of the College of Medicine, and 445 (22%) did a residency or fellowship there.
- ◆ Vermont saw a decrease of 9.6 primary care FTEs between 2018 and 2020, a 2% drop, as some physicians have retired or reduced their work hours. Conversely, there is an increase of 42.1 FTEs in specialty care.
- ◆ Between 2010 and 2020 primary care FTEs in Vermont declined by 65.8 (13%). But over the same period, specialist FTEs have gone up by 130.5 (15%).
- ◆ The statewide ratio of primary care physician FTEs to population decreased between 2018 and 2020, with the largest decreases in Grand Isle, Windsor, and Bennington Counties. The largest increase was in Essex County, and the only other county with an increase in primary care FTEs from 2018 was Rutland.
- ◆ 42 physicians (not counted above and excluded from most tables in the report) practice solely in *locum tenens* capacity in Vermont and provide 17.3 FTEs of patient care, primarily in the hospitals (4.7 FTEs – outpatient, 2.2 FTEs – inpatient, and 1.9 FTEs – emergency department). Unlike in reports prior to 2018, those who have worked under such a contract for more than a year are *not* counted as *locum tenens*.

### Comparison of Selected Physician Data, 1996-2020

	1996	2000	2004	2008	2010	2014	2016	2018	2020
Total active * physicians	1384	1480	1612	1833	1877	1933	2182	2473	2633
Percent female	22%	26%	29%	31%	33%	38%	38%	39%	41%
Primary care physicians	535	585	634	634	628	636	636	615	566
Family Practice	227	258	280	279	284	285	286	291	278
Internal Medicine	155	164	177	175	167	163	162	142	127
Ob/Gyn	63	64	70	75	68	68	71	72	63
Pediatric Primary Care	90	99	107	105	109	120	117	110	98
% over age 60	13%	9%	12%	19%	21%	29%	34%	36%	33%
% accept new patients ^	91%	80%	81%	80%	83%	82%	84%	81%	80%
accept new Medicaid patients	86%	73%	70%	69%	72%	76%	78%	78%	76%
accept new Medicare patients	87%	74%	71%	69%	69%	72%	75%	74%	71%
Specialist physicians	849	895	978	1199	1249	1297	1546	1858	2067
Anesthesiology	60	59	78	97	93	97	105	109	97
Emergency Medicine	81	76	84	108	113	130	167	195	248
Internal Medicine @	124	138	157	217	227	192	246	265	318
Hospitalists @						95	92	119	128
Pathology #	42	42	47	53	55	55	62	95	68
Psychiatry	152	154	160	172	174	179	175	191	222
Radiology #	61	72	71	129	139	106	176	265	248
General Surgery	50	42	46	50	52	44	54	59	64
Orthopedic Surgery	50	55	57	72	76	67	81	77	76
Other Specialties	229	257	278	301	320	332	388	483	598
Primary care physician FTEs &	438.2	472.2	478.7	498.2	492.1	476.9	468.6	435.9	426.3
Family Practice	180.6	211.5	215.9	223.9	222.9	207.1	210.0	198.1	203.3
Internal Medicine	126.9	128.5	124.5	126.5	120.7	114.3	110.0	93.3	90.5
Ob/Gyn	55.1	53.3	58.3	62.5	59.1	58.2	58.8	61.6	55.7
Pediatric Primary Care	75.7	78.8	79.9	85.3	89.3	97.3	89.9	83.0	76.8
FTEs/100,000 population	73.4	77.6	77.0	80.2	78.6	76.1	75.0	69.6	66.4
% of FTEs in Chittenden Co.	30%	28%	29%	30%	31%	30%	32%	33%	35%
Specialist physician FTEs # &	573.2	621.3	656.1	818.1	843.7	836.1	916.6	932.1	974.2
Anesthesiology	56.4	56.4	67.7	85.5	85.7	84.9	91.1	87.2	79.9
Emergency Medicine	56.5	57.0	59.6	80.7	84.2	86.9	91.3	93.8	109.2
Internal Medicine ^ @	89.4	104.6	118.0	172.8	177.9	136.4	162.1	146.6	178.9
Hospitalists @						72.9	75.0	84.5	96.6
Psychiatry	104.1	117.5	118.8	129.9	130.3	116.6	116.0	117.9	116.3
General Surgery	41.6	36.0	36.4	46.7	44.6	36.8	45.6	47.5	52.6
Orthopedic Surgery	46.7	49.9	49.0	59.6	59.7	54.0	60.1	53.9	54.8
Other Specialties #	178.5	199.8	206.7	242.9	261.3	247.6	275.4	300.7	285.9
% of FTEs in Chittenden Co.	42%	43%	46%	45%	45%	45%	46%	47%	49%

\* providing patient care in Vermont (includes telemedicine)

^ % of physicians not sites – see Notes 10 and 11

@ internists included hospitalists prior to 2014

# FTEs not computed for pathology, radiology, and all telemedicine

& FTEs for 2004 may be underestimated by as much as 4% overall

# Vermont Physicians Demographics and Training

Table 1 -- VT Physicians, 2020  
Summary of Active Physicians

TOTAL	2633	
Medical Doctor (MD)	2470	( 94%)
Doctor of Osteopathy (DO)	163	( 6%)
Main specialty:		
Primary Care Total	566	( 21%)
Family Practice	278	( 11%)
Primary Care Internal Medicine	127	( 5%)
Obstetrics and Gynecology	63	( 2%)
Pediatrics	98	( 4%)
Specialty Care Total	2067	( 79%)
Anesthesiology	97	( 4%)
Dermatology	39	( 1%)
Emergency Medicine	248	( 9%)
Hospitalist	128	( 5%)
Internal Medicine Specialties	318	( 12%)
Pediatrics Specialties	43	( 2%)
Neurology	92	( 3%)
Ophthalmology	38	( 1%)
Pathology	68	( 3%)
Psychiatry	222	( 8%)
Radiology	248	( 9%)
Surgery: General	64	( 2%)
Surgery: Orthopedic	76	( 3%)
Surgery: Other	35	( 1%)
Urology	26	( 1%)
Urgent Care	9	( 0%)
Other Specialties	316	( 12%)
Age groups:		
less than 35	138	( 5%)
35 - 44	693	( 26%)
45 - 54	731	( 28%)
55 - 59	334	( 13%)
60 - 64	327	( 12%)
65 and older	410	( 16%)
Gender:		
Male	1546	( 59%)
Female	1083	( 41%)
Ethnicity and Race:		
Hispanic, Latino or of Spanish origin	74	( 3%)
White	2157	( 82%)
Native American	7	( 0%)
Black	48	( 2%)
Asian	160	( 6%)
Native Hawaiian/ Pacific Islander	3	( 0%)
Other race	54	( 2%)
Prefer not to answer	155	( 6%)

continued...

Table 1 -- VT Physicians, 2020  
 Summary of Active Physicians (continued)

Number of practice sites: *		
One	1656	( 88%)
Two	208	( 11%)
Three or more	24	( 1%)
Patient care hours: **		
40 or more hours/week	803	( 42%)
30 to 39 hours/week	410	( 21%)
10 to 30 hours/week	477	( 25%)
less than 10 hours/week	234	( 12%)

\* telemedicine of all types excluded

\*\* pathology, radiology & general telemedicine excluded

Table 2 -- VT Physicians, 2020  
Age by Specialty and by Gender

	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	2633	138	693	731	334	327	410	28%
MALES	1546	79	333	408	185	229	312	35%
FEMALES	1083	59	358	321	149	98	98	18%
PRIMARY CARE	566	33	128	143	75	77	110	33%
Family Practice	278	14	62	66	35	37	64	36%
Internal Medicine	127	6	22	31	17	21	30	40%
Ob/Gyn	63	6	19	19	8	6	5	17%
Pediatrics	98	7	25	27	15	13	11	24%
SPECIALTY CARE	2067	105	565	588	259	250	300	27%
Anesthesiology	97	5	23	31	11	19	8	28%
Dermatology	39	7	8	7	7	0	10	26%
Emergency Medicine	248	14	86	82	25	25	16	17%
Hospitalist	128	16	44	37	9	15	7	17%
Internal Medicine	318	16	91	70	38	48	55	32%
Pediatrics	43	0	21	11	0	5	6	26%
Neurology	92	6	28	27	5	9	17	28%
Ophthalmology	38	2	8	15	3	4	6	26%
Pathology	68	1	22	18	11	7	9	24%
Psychiatry	222	9	59	42	19	30	63	42%
Radiology	248	5	49	90	41	33	30	25%
Surgery: General	64	7	13	16	15	4	9	20%
Surgery: Orthopedic	76	3	17	20	14	8	14	29%
Surgery: Other	35	1	9	11	5	5	4	26%
Urology	26	0	5	9	7	3	2	19%
Urgent Care	9	0	2	2	2	2	1	33%
Other Specialties	316	13	80	100	47	33	43	24%
	Total	Percent in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	5%	26%	28%	13%	12%	16%	28%
MALES	100%	5%	22%	26%	12%	15%	20%	35%
FEMALES	100%	5%	33%	30%	14%	9%	9%	18%
PRIMARY CARE	100%	6%	23%	25%	13%	14%	19%	33%
SPECIALTY CARE	100%	5%	27%	28%	13%	12%	15%	27%

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

Table 3 -- VT Physicians, 2020  
Specialty by Gender

Specialty	Total	Male	Female	Percent Female
TOTAL	2633	1546	1083	41%
PRIMARY CARE	566	244	321	57%
Family Practice	278	140	137	49%
Internal Medicine	127	62	65	51%
Ob/Gyn	63	14	49	78%
Pediatrics	98	28	70	71%
SPECIALTY CARE	2067	1302	762	37%
Anesthesiology	97	70	27	28%
Dermatology	39	18	21	54%
Emergency Medicine	248	183	65	26%
Hospitalist	128	73	55	43%
Internal Medicine	318	208	109	34%
Pediatrics	43	14	28	67%
Neurology	92	61	31	34%
Ophthalmology	38	27	11	29%
Pathology	68	34	34	50%
Psychiatry	222	124	98	44%
Radiology	248	175	72	29%
Surgery: General	64	41	23	36%
Surgery: Orthopedic	76	66	10	13%
Surgery: Other	35	29	6	17%
Urology	26	21	5	19%
Urgent Care	9	8	1	11%
Other Specialties	316	150	166	53%

The 'Total' column includes four physicians with unknown or 'other' gender.

Table 4 -- VT Physicians, 2020  
Age by County

County	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	2633	138	693	731	334	327	410	28%
Primary Care	566	33	128	143	75	77	110	33%
Specialists	2067	105	565	588	259	250	300	27%
Addison County								
Primary Care	37	2	15	8	3	3	6	24%
Specialists	44	2	5	16	8	10	3	30%
Bennington County								
Primary Care	40	.	8	9	4	9	10	48%
Specialists	91	.	15	34	11	15	16	34%
Caledonia County								
Primary Care	28	.	5	6	4	7	6	46%
Specialists	51	3	9	17	8	7	7	27%
Chittenden County								
Primary Care	199	18	47	57	25	27	25	26%
Specialists	709	63	229	160	77	82	98	25%
Essex County								
Primary Care	2	.	.	.	2	.	.	0%
Specialists	0							
Franklin County								
Primary Care	31	3	6	7	5	4	6	32%
Specialists	50	2	11	13	9	7	8	30%
Grand Isle County								
Primary Care	1	.	1	.	.	.	.	0%
Specialists	0							
Lamoille County								
Primary Care	19	1	2	7	2	1	6	37%
Specialists	31	.	8	7	7	3	6	29%
Orange County								
Primary Care	22	3	6	3	2	3	5	36%
Specialists	35	1	3	9	6	8	8	46%
Orleans County								
Primary Care	15	1	3	7	2	.	2	13%
Specialists	28	1	5	9	4	4	5	32%
Rutland County								
Primary Care	37	.	4	14	7	9	3	32%
Specialists	119	3	31	33	12	23	17	34%
Washington County								
Primary Care	49	2	16	11	4	5	11	33%
Specialists	117	6	33	24	13	14	27	35%
Windham County								
Primary Care	42	.	7	6	9	5	15	48%
Specialists	104	4	28	30	9	13	20	32%
Windsor County								
Primary Care	44	3	8	8	6	4	15	43%
Specialists	108	7	21	29	14	13	24	34%
Telemedicine								
Specialists	572	13	164	206	80	50	59	19%

Each physician is counted once in this table, in their main specialty group, and, independently, in their main county of practice (see Note 2). The 'Total' lines include 1 physician with undefined location. Telemedicine is only counted in the statewide totals and below:

Table 5 -- VT Physicians, 2020  
Years in Clinical Practice

In Clinical Practice	PRIMARY CARE		SPECIALTY CARE	
	Anywhere	In Vermont	Anywhere	In Vermont
less than a year	0 ( 0%)	15 ( 3%)	3 ( 0%)	60 ( 4%)
1 to 2 years	3 ( 1%)	42 ( 8%)	8 ( 1%)	164 (12%)
3 to 4 years	25 ( 5%)	46 ( 9%)	45 ( 3%)	150 (11%)
5 to 9 years	76 (14%)	88 (16%)	216 (16%)	257 (19%)
10 to 14 years	62 (11%)	72 (13%)	202 (15%)	178 (13%)
15 to 19 years	65 (12%)	60 (11%)	189 (14%)	153 (11%)
20 to 24 years	75 (14%)	69 (13%)	157 (12%)	139 (10%)
25 to 29 years	64 (12%)	42 ( 8%)	144 (11%)	96 ( 7%)
30 to 34 years	61 (11%)	47 ( 9%)	152 (11%)	59 ( 4%)
35 years or more	107 (20%)	59 (11%)	216 (16%)	77 ( 6%)
unknown	2	0	16	15
Total	540	540	1348	1348
Median years	22	15	20	10

Note: Excludes all telemedicine, even VT-specific telemedicine.

Table 6 -- VT Physicians, 2020  
 Medical School Location by Specialty

Specialty	Total	Percent Graduated from Medical School in Region								
		VT	NH	Other NewEng	Other NE	South	Central	West	Canada	Other Foreign
TOTAL	2061	20%	2%	10%	21%	16%	13%	6%	3%	9%
PRIMARY CARE	566	25%	4%	10%	21%	13%	13%	5%	3%	6%
Family Practice	278	25%	4%	11%	19%	13%	15%	4%	3%	6%
Internal Medicine	127	21%	2%	14%	24%	12%	14%	6%	1%	6%
Ob/Gyn	63	26%	5%	3%	23%	13%	10%	11%	5%	5%
Pediatrics	98	31%	2%	7%	22%	13%	9%	4%	3%	8%
SPECIALTY CARE	1495	18%	2%	10%	21%	17%	13%	6%	3%	11%
Anesthesiology	97	32%	3%	8%	18%	15%	13%	6%	1%	3%
Dermatology	27	19%	7%	15%	30%	7%	11%	7%	4%	.
Emergency Medicine	189	18%	4%	12%	22%	20%	11%	9%	2%	3%
Hospitalist	126	23%	.	7%	16%	19%	12%	6%	1%	16%
Internal Medicine	247	11%	1%	9%	27%	16%	10%	3%	1%	21%
Pediatrics	41	22%	.	17%	22%	15%	10%	7%	5%	2%
Neurology	50	8%	2%	4%	26%	16%	6%	6%	2%	30%
Ophthalmology	37	14%	3%	5%	27%	19%	27%	.	5%	.
Pathology	60	32%	.	2%	7%	28%	13%	8%	2%	8%
Psychiatry	176	19%	1%	13%	18%	11%	19%	7%	2%	9%
Radiology	77	14%	3%	16%	20%	20%	13%	3%	4%	8%
Surgery: General	64	20%	.	14%	17%	19%	13%	3%	.	14%
Surgery: Orthopedic	74	16%	.	20%	26%	16%	12%	3%	4%	3%
Surgery: Other	31	23%	3%	6%	16%	10%	19%	3%	6%	13%
Urology	25	24%	8%	.	24%	16%	12%	4%	12%	.
Urgent Care	7	.	.	.	29%	29%	29%	14%	.	.
Other Specialties	167	17%	4%	7%	17%	17%	14%	9%	5%	10%

This table excludes telemedicine.

State of medical school is not known for 4 of the primary care physicians and 10 of the specialists. This table uses the standard mapping of states to regions, but separates out VT and NH (Note 12).

Table 7 -- VT Physicians, 2020  
Residency Training Location by Specialty

Specialty	Total	Percent Received Residency Training in Region								
		VT	NH	Other NewEng	Other NE	South	Central	West	Canada	Other Foreign
TOTAL	2061	22%	5%	18%	19%	11%	12%	10%	2%	1%
PRIMARY CARE	566	27%	4%	16%	18%	10%	11%	11%	2%	1%
Family Practice	278	25%	1%	17%	19%	11%	10%	12%	3%	1%
Internal Medicine	127	30%	5%	19%	17%	8%	12%	9%	.	1%
Ob/Gyn	63	30%	8%	11%	13%	13%	10%	13%	3%	.
Pediatrics	98	27%	8%	10%	22%	10%	12%	8%	1%	1%
SPECIALTY CARE	1495	20%	6%	18%	20%	11%	12%	9%	2%	1%
Anesthesiology	97	32%	10%	15%	15%	8%	7%	11%	1%	.
Dermatology	27	19%	12%	23%	12%	4%	19%	12%	.	.
Emergency Medicine	189	3%	3%	27%	29%	9%	11%	16%	1%	1%
Hospitalist	126	33%	4%	17%	15%	14%	7%	8%	1%	1%
Internal Medicine	247	14%	5%	22%	22%	10%	14%	9%	1%	3%
Pediatrics	41	32%	.	22%	17%	10%	2%	10%	5%	2%
Neurology	50	28%	4%	10%	22%	12%	16%	2%	4%	2%
Ophthalmology	37	3%	.	3%	38%	22%	22%	8%	5%	.
Pathology	60	27%	3%	12%	10%	20%	15%	12%	.	2%
Psychiatry	176	27%	15%	20%	12%	6%	10%	7%	1%	1%
Radiology	77	18%	4%	21%	18%	16%	14%	4%	4%	1%
Surgery: General	64	21%	2%	13%	24%	16%	19%	5%	.	2%
Surgery: Orthopedic	74	22%	7%	15%	23%	8%	11%	7%	5%	3%
Surgery: Other	31	26%	6%	13%	23%	10%	13%	3%	6%	.
Urology	25	8%	8%	12%	16%	20%	16%	8%	12%	.
Urgent Care	7	.	14%	14%	29%	14%	.	29%	.	.
Other Specialties	167	18%	1%	17%	18%	13%	16%	11%	4%	2%

This version excludes telemedicine.

The 2020 census only asked about one residency for each physician (Note 14). This table uses the standard mapping of states to regions, but separates out VT and NH (Note 12). Location of residency is not known for 2 of the primary care physicians and 9 of the specialists.

Table 8 -- VT Physicians, 2020  
 Training at the University of Vermont

	Total	Doctors with Known Medical School	Graduated from VT (UVM) Medical School
Primary Care	566	566	142 (25%)
Specialists	1495	1492	272 (18%)
Total	2061	2058	414 (20%)

	Total	Doctors with Known Residency	Completed VT (UVM) Residency
Primary Care	566	564	152 (27%)
Specialists	1495	1490	293 (20%)
Total	2061	2054	445 (22%)

	Total	Doctors with Any Known Training	Any Training in VT
Primary Care	566	566	230 (41%)
Specialists	1495	1493	448 (30%)
Total	2061	2059	678 (33%)

Percentages are based on the number of physicians with known training (in the same row).

This table excludes telemedicine. The 2020 census only asked about one residency for each physician (Note 14).

181 Vermont physicians both graduated from a VT Medical School (UVM) and did a residency in VT (FAHC). Therefore, the number under 'Any Training in VT' is less than the sum of VT graduates and residents (see Note 17).

# Vermont Physicians Distribution of Full Time Equivalents (FTEs)

Table 9 -- VT Physicians, 2020  
Full Time Equivalents (FTEs) by Age by Specialty and Gender

	Total	FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	1400.5	103.7	381.2	358.9	178.1	189.7	188.9	27%
MALES	797.4	54.9	174.6	196.1	97.9	132.2	141.7	34%
FEMALES	601.1	48.8	205.6	161.8	80.2	57.5	47.2	17%
PRIMARY CARE	426.3	28.0	104.2	110.7	57.6	59.2	66.7	30%
Family Practice	203.3	12.7	47.7	50.1	25.1	27.9	39.9	33%
Internal Medicine	90.5	4.9	18.6	22.6	12.1	15.4	16.8	36%
Ob/Gyn	55.7	5.6	17.3	17.3	7.4	4.7	3.5	15%
Pediatrics	76.8	4.8	20.7	20.6	13.0	11.2	6.5	23%
SPECIALTY CARE	974.2	75.7	277.0	248.2	120.5	130.5	122.2	26%
Anesthesiology	79.9	5.0	20.5	25.1	9.5	15.7	4.2	25%
Dermatology	21.5	4.8	5.6	4.7	3.2	.	3.2	15%
Emergency Medicine	109.2	8.3	31.2	35.9	13.6	11.5	8.6	18%
Hospitalist	96.6	14.5	33.5	26.1	6.1	11.0	5.4	17%
Internal Medicine	178.9	12.4	57.8	32.1	22.5	31.2	22.9	30%
Pediatrics	25.9	.	12.0	9.2	.	2.4	2.3	18%
Neurology	35.0	6.0	11.7	7.5	2.1	1.8	5.9	22%
Ophthalmology	32.5	2.0	7.3	13.5	2.6	3.3	3.9	22%
Psychiatry	116.3	8.6	30.6	20.2	7.6	16.7	32.7	42%
Surgery: General	52.6	4.6	12.5	14.4	13.0	4.0	4.0	15%
Surgery: Orthopedic	54.8	2.9	15.0	17.8	8.7	3.8	6.7	19%
Surgery: Other	26.8	1.3	7.9	7.8	2.9	5.0	1.9	26%
Urology	22.5	.	4.1	7.2	6.2	3.0	2.0	22%
Urgent Care	3.3	.	1.1	.5	1.0	.7	.	20%
Other Specialties	118.5	5.3	26.3	26.2	21.5	20.6	18.7	33%

  

	Total	% of total FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	7%	27%	26%	13%	14%	13%	27%
MALES	100%	7%	22%	25%	12%	17%	18%	34%
FEMALES	100%	8%	34%	27%	13%	10%	8%	17%
PRIMARY CARE	100%	7%	24%	26%	14%	14%	16%	30%
SPECIALTY CARE	100%	8%	28%	25%	12%	13%	13%	26%

See Note 1 for a description of the calculation of age.  
Pathologists, radiologists, and telemedicine excluded (Note 3).

Table 10 -- VT Physicians, 2020  
Full Time Equivalents (FTEs) by Age by County

County	Total	FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	1400.5	103.7	381.2	358.9	178.1	189.7	188.9	27%
Primary Care	426.3	28.0	104.2	110.7	57.6	59.2	66.7	30%
Specialists	974.2	75.7	277.0	248.2	120.5	130.5	122.2	26%
Addison County								
Primary Care	23.5	1.4	11.2	6.4	2.2	1.8	.5	10%
Specialists	29.8	1.5	3.8	12.1	3.8	6.1	2.6	29%
Bennington County								
Primary Care	28.4	.	6.1	5.8	4.0	6.6	5.9	44%
Specialists	58.3	.	12.7	21.9	7.5	9.6	6.6	28%
Caledonia County								
Primary Care	19.4	.	5.0	4.7	2.3	4.8	2.5	38%
Specialists	28.5	2.5	7.1	6.7	5.6	3.1	3.6	23%
Chittenden County								
Primary Care	148.4	14.7	35.1	42.7	19.7	19.2	17.0	24%
Specialists	473.0	52.0	163.8	102.9	48.7	55.9	49.6	22%
Essex County								
Primary Care	1.6	.	.	.	1.6	.	.	0%
Specialists	.	.	.	.	.	.	.	.
Franklin County								
Primary Care	28.9	2.8	6.0	7.0	4.3	2.9	5.9	30%
Specialists	35.8	1.8	7.0	10.7	6.9	5.4	3.9	26%
Grand Isle County								
Primary Care	.9	.	.8	.	.	.1	.	11%
Specialists	<.05	.	.	.	.0	.	.	0%
Lamoille County								
Primary Care	14.5	.6	1.4	5.2	1.5	1.0	4.8	40%
Specialists	22.9	.4	5.9	5.5	5.0	2.5	3.5	26%
Orange County								
Primary Care	15.7	2.9	5.3	1.8	1.5	2.3	1.9	27%
Specialists	18.1	.	3.0	5.0	4.5	4.1	1.5	31%
Orleans County								
Primary Care	13.4	1.0	2.8	5.0	2.3	.4	2.0	18%
Specialists	22.7	1.0	4.3	8.2	4.7	1.3	3.2	20%
Rutland County								
Primary Care	31.4	.4	3.8	11.8	5.8	7.9	1.7	30%
Specialists	84.2	2.5	19.9	24.4	9.5	17.4	10.5	33%
Washington County								
Primary Care	39.6	1.6	14.7	9.0	3.0	4.6	6.8	29%
Specialists	89.7	7.0	24.6	22.8	10.4	9.4	15.6	28%
Windham County								
Primary Care	30.4	.	5.7	5.2	6.4	3.8	9.3	43%
Specialists	50.7	2.5	14.3	12.2	5.1	6.1	10.4	33%
Windsor County								
Primary Care	30.1	2.7	6.4	5.9	2.9	3.7	8.5	40%
Specialists	59.7	4.5	9.7	15.7	8.9	9.5	11.3	35%

Pathologists, radiologists, and telemedicine excluded (see Note 3).  
See Note 4 regarding calculation of hours and FTEs by area.

Table 11 -- VT Physicians, 2020  
 Numbers of Physicians, Full Time Equivalents (FTEs),  
 and Total Weekly Patient Care Hours, by County

Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL	1923 1400.5 64049	584 426.3 18955	1398 974.2 45094
Addison County	89 53.3 2305	40 23.5 961	52 29.8 1345
Bennington County	131 86.7 3911	40 28.4 1363	92 58.3 2548
Caledonia County	79 47.9 2194	29 19.4 822	53 28.5 1372
Chittenden County	845 621.4 28749	208 148.4 6492	656 473.0 22256
Essex County	2 1.6 75	2 1.6 75	. . .
Franklin County	84 64.6 2930	33 28.9 1353	52 35.8 1577
Grand Isle County	3 .9 39	2 .9 38	1 <.05 1
Lamoille County	56 37.4 1682	23 14.5 612	37 22.9 1069
Orange County	59 33.8 1523	24 15.7 717	37 18.1 806
Orleans County	53 36.2 1690	18 13.4 567	39 22.7 1122
Rutland County	163 115.5 5460	40 31.4 1455	127 84.2 4005
Washington County	198 129.3 5798	56 39.6 1836	149 89.7 3962
Windham County	150 81.1 3609	41 30.4 1356	112 50.7 2253
Windsor County	157 89.8 4052	47 30.1 1307	112 59.7 2744

In this table physicians may be counted more than once (Note 4).  
 Pathologists, radiologists and telemedicine are excluded (Note 3).  
 The statewide total includes 0.9 FTEs that are not localized.

Table 12 -- VT Physicians, 2020  
 Numbers of Primary Care Physicians, Full Time Equivalents  
 (FTEs), and Total Weekly Patient Care Hours, by County

Count FTEs Hours	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	584 426.3 18955	287 203.3 8895	132 90.5 4074	68 55.7 2636	108 76.8 3351
Addison County	40 23.5 961	25 13.9 558	5 2.1 91	6 3.7 162	6 3.7 150
Bennington County	40 28.4 1363	20 13.8 659	9 4.9 218	4 3.9 230	7 5.8 256
Caledonia County	29 19.4 822	16 9.8 410	5 3.1 132	3 2.8 126	6 3.8 154
Chittenden County	208 148.4 6492	81 55.9 2424	58 43.9 1916	29 21.9 1012	41 26.7 1141
Essex County	2 1.6 75	1 .9 35	1 .6 32	. . . .	1 .1 8
Franklin County	33 28.9 1353	18 15.8 733	2 1.4 56	4 3.7 172	9 7.9 392
Grand Isle County	2 .9 38	1 .8 32	1 .1 7	. . . .	. . . .
Lamoille County	23 14.5 612	16 11.2 470	1 .6 24	4 1.3 53	3 1.5 66
Orange County	24 15.7 717	9 6.2 285	5 2.0 81	6 3.2 132	5 4.3 219
Orleans County	18 13.4 567	7 4.8 208	5 3.5 146	2 2.0 80	4 3.1 133
Rutland County	40 31.4 1455	17 13.6 595	11 7.8 376	5 5.0 270	8 4.9 214
Washington County	56 39.6 1836	34 23.8 1029	11 6.3 338	6 4.2 237	7 5.3 232
Windham County	41 30.4 1356	25 18.6 871	7 5.1 218	3 3.0 120	6 3.7 148
Windsor County	47 30.1 1307	23 14.2 587	14 8.9 439	3 1.0 43	7 6.0 238

In this table physicians may be counted more than once (Note 4).  
 The statewide total includes 0.9 FTEs that are not localized.

Table 13 -- VT Physicians, 2020  
 Numbers of Specialty Care Physicians, Full Time Equivalents  
 (FTEs), and Total Weekly Patient Care Hours, by County

Count FTEs Hours	SPECIALTY CARE TOTAL	ANESTHES- IOLOGY	EMERGENCY MEDICINE	HOSPITALIST	INTERNAL MEDICINE	NEUROLOGY	OPHTHALM- OLOGY
STATE TOTAL	1398 974.2 45094	96 79.9 4187	191 109.2 4483	139 96.6 4414	255 178.9 8400	52 35.0 1446	37 32.5 1388
Addison County	52 29.8 1345	2 1.6 74	11 5.1 204	9 4.3 193	6 3.2 160	. . . . .	1 1.0 40
Bennington County	92 58.3 2548	4 1.6 90	20 10.7 457	12 8.7 351	15 10.6 447	2 .8 32	2 1.5 60
Caledonia County	53 28.5 1372	. . . . .	8 5.0 206	4 2.3 125	18 7.6 405	1 .8 32	1 .7 26
Chittenden County	656 473.0 22256	56 48.6 2662	42 24.5 1001	42 32.9 1535	141 103.7 4916	35 23.1 957	20 18.1 783
Essex County	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Franklin County	52 35.8 1577	3 2.9 129	12 8.1 329	7 4.7 190	6 2.7 128	. . . . .	2 1.7 80
Grand Isle County	1 >.05 1	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Lamoille County	37 22.9 1069	1 1.0 50	10 5.5 229	2 2.0 83	5 2.0 79	1 1.0 40	. . . . .
Orange County	37 18.1 806	6 3.7 149	7 2.8 112	3 2.1 127	6 .6 23	1 .6 24	1 1.0 40
Orleans County	39 22.7 1122	5 3.6 156	10 6.4 293	4 1.4 76	5 2.4 109	1 .8 32	. . . . .
Rutland County	127 84.2 4005	8 6.4 334	18 11.4 454	18 11.6 505	30 18.8 907	2 2.0 82	4 4.0 175
Washington County	149 89.7 3962	12 5.1 268	15 10.7 433	22 14.2 645	20 14.0 602	5 3.1 132	5 3.0 120
Windham County	112 50.7 2253	3 2.8 156	37 9.4 375	8 5.1 213	12 6.5 300	3 1.5 59	2 1.0 40
Windsor County	112 59.7 2744	5 2.5 120	14 9.6 391	13 7.3 370	14 6.1 297	3 1.4 56	1 .5 20

(continued on next page)

Table 13 (continued) -- VT Physicians, 2020  
 Numbers of Specialty Care Physicians, Full Time Equivalents  
 (FTEs), and Total Weekly Patient Care Hours, by County

Count FTEs Hours	SPECIALTY CARE TOTAL	PSYCHIATRY	GENERAL SURGERY	ORTHOP. SURGERY	OTHER SURGERY	UROLOGY	OTHER
STATE TOTAL	1398 974.2 45094	177 116.3 5047	64 52.6 2696	75 54.8 2825	36 26.8 1422	25 22.5 1298	277 169.2 7487
Addison County	52 29.8 1345	5 2.3 113	4 3.1 142	2 2.0 120	. . . .	1 .9 41	11 6.4 257
Bennington County	92 58.3 2548	7 4.2 168	6 5.0 271	6 4.1 177	2 .8 40	2 1.9 86	16 8.3 368
Caledonia County	53 28.5 1372	4 2.4 105	3 3.0 150	4 2.9 138	. . . .	1 1.0 50	9 2.8 136
Chittenden County	656 473.0 22256	77 49.4 2119	18 14.5 821	26 20.0 1046	31 23.8 1244	11 8.8 489	169 105.4 4685
Essex County	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Franklin County	52 35.8 1577	3 1.6 65	5 4.3 203	4 4.0 193	. . . .	2 1.1 64	10 4.7 196
Grand Isle County	1 >.05 1	1 >.05 1	. . . .				
Lamoille County	37 22.9 1069	2 1.7 84	2 2.0 95	5 4.0 221	2 1.5 96	1 .8 30	7 1.4 62
Orange County	37 18.1 806	2 .7 26	5 2.7 108	1 1.0 40	. . . .	2 1.5 96	3 1.5 61
Orleans County	39 22.7 1122	3 1.3 58	3 2.5 142	1 1.0 73	1 .3 30	1 1.0 70	7 2.0 84
Rutland County	127 84.2 4005	16 8.6 387	5 3.9 249	7 5.9 315	2 .2 8	3 1.6 123	14 10.0 468
Washington County	149 89.7 3962	33 17.7 746	6 5.5 268	7 5.2 265	2 >.05 0	1 1.0 40	24 10.4 442
Windham County	112 50.7 2253	21 12.9 582	3 3.0 123	11 2.4 121	. . . .	1 1.0 40	11 5.1 244
Windsor County	112 59.7 2744	25 13.5 592	6 3.1 125	4 2.4 115	1 .1 4	4 2.0 170	25 11.2 484

In this table physicians may be counted more than once (Note 4).  
 Pathologists and radiologists are excluded from this table (Note 3).

Table 14 -- VT Physicians, 2020  
 Primary Care Physicians: Ratio of Full Time Equivalents (FTEs)  
 to Population, by County

County	FTEs	Population	FTEs per 100,000 Population	Population per FTE
STATEWIDE TOTAL	426.3	642,495	66.4	1,507
Addison County	23.5	37,292	63.1	1,585
Bennington County	28.4	37,271	76.3	1,311
Caledonia County	19.4	30,184	64.2	1,557
Chittenden County	148.4	168,289	88.2	1,134
Essex County	1.6	5,910	27.3	3,658
Franklin County	28.9	49,996	57.7	1,732
Grand Isle County	.9	7,278	12.1	8,243
Lamoille County	14.5	25,914	56.0	1,786
Orange County	15.7	29,259	53.8	1,860
Orleans County	13.4	27,355	49.1	2,036
Rutland County	31.4	60,455	51.9	1,927
Washington County	39.6	59,748	66.3	1,508
Windham County	30.4	45,844	66.4	1,507
Windsor County	30.1	57,700	52.2	1,917

Only primary care physicians are included in this table.  
 An FTE is defined as 40 (or more) hours/week, 48 weeks/year.  
 The FTEs are rounded to 1 decimal for display only.  
 The ratios were calculated using the unrounded values,  
 then rounded in turn to 1 decimal for display.

Population estimates are for July 2020, from the Census Bureau  
 (see Note 4 and Note 7).

# Vermont Physician Practice Characteristics

Table 15 -- VT Physicians, 2020  
Detailed Specialty List - Counts and FTEs

SPECIALTY GROUP Specialty	Number of Physicians	FTEs
TOTAL		1271.7
--- PRIMARY CARE ---		
FAMILY PRACTICE		
Family Practice	267	187.2
General Practice	9	4.4
Geriatric Family Medicine	10	3.7
Osteopathic Medicine (general)	7	3.3
INTERNAL MEDICINE (PRIMARY)		
Geriatric Internal Medicine	12	5.4
Internal Medicine	121	77.7
OB/GYN		
Gynecology	15	8.5
Obstetrics	3	.7
Obstetrics & Gynecology	51	43.9
PEDIATRICS (PRIMARY)		
Adolescent Medicine (Pediatrics)	2	.2
Pediatrics (general)	106	73.0
--- SPECIALTY CARE ---		
ANESTHESIOLOGY		
Anesthesiology	77	55.7
Critical Care Medicine (Anesthes.)	7	4.7
Pain Management	4	2.4
Pain Medicine	7	4.8
Pediatric Anesthesiology	8	6.9
DERMATOLOGY		
Dermatology	39	15.9
Pediatric Dermatology	2	1.0
EMERGENCY MEDICINE		
Emergency Medicine	244	104.3
Emergency Medicine: Pediatric	3	1.8
Emergency Medicine: Sports	3	1.4
HOSPITALIST		
Hospitalist	124	87.1
Hospitalist: pediatric	6	3.2
INTERNAL MEDICINE (SPECIALTY)		
Adolescent Medicine (subspecialty)	2	.
Cardiac Electrophysiology	13	4.2
Cardiovascular Disease	53	31.1
Critical Care Internal Medicine	30	9.6
Endocrinology Diabetes & Metabol.	18	10.7
Gastroenterology	29	17.7
Geriatric Int Med (subspecialty)	1	.
Hematology (Internal Medicine)	4	.8
Hematology-Oncology (IM)	25	13.7
Infectious Disease	19	8.1
Internal Med - hospital inpatient	3	3.0
Internal Medicine (subspecialty)	43	2.0
Internal Medicine subspecialties	2	.
Internal Medicine: Sports	1	.
Interventional Cardiology	4	1.9
Medical Oncology	10	4.3
Nephrology	21	9.6
Pain Medicine	5	2.5
Pulmonary Disease	27	10.7
Radiation Oncology	14	6.0
Rheumatology	19	10.8
Sleep Medicine (IM)	7	.5

continued...

Table 15 -- VT Physicians, 2020  
Detailed Specialty List (continued)

SPECIALTY GROUP Specialty	Number of Physicians	FTEs
NEUROLOGY		
Child Neurology	5	.4
Clinical Neurophysiology	19	5.2
Neurology	63	21.3
Pain Medicine (psych/neuro)	1	.1
Vascular Neurology	11	2.8
OPHTHALMOLOGY		
Ophthalmology	35	29.8
Pediatric Ophthalmology	3	2.8
PATHOLOGY		
Anatomic & Clinical Pathology	16	.
Anatomic Pathology	18	.
Blood Banking/Transfusion Medicine	2	.
Chemical Pathology	2	.
Clinical Pathology	5	.
Cytopathology	5	.
Dermatopathology (Pathology)	10	.
Forensic Pathology	2	.
Hematology (Pathology)	6	.
Medical Microbiology	1	.
Molecular Genetic Pathology	3	.
Neuropathology	1	.
Pathology	3	.
PEDIATRICS		
Child Abuse Medicine	2	.2
Develop-Behav Pediatrics	3	1.7
Neonatal-perinatal Medicine	11	2.6
Pediatric Cardiology	6	3.1
Pediatric Critical Care Medicine	4	2.8
Pediatric Endocrinology	2	1.0
Pediatric Gastroenterology	3	1.7
Pediatric Hematology-oncology	4	1.3
Pediatric Infectious Disease	2	.4
Pediatric Nephrology	3	1.1
Pediatric Pulmonology	4	1.8
Other Pediatrics subspecialties	22	6.8
PSYCHIATRY		
Addiction Psychiatry	13	3.7
Child & Adolescent Psychiatry	48	23.8
Forensic Psychiatry	2	2.0
Geriatric Psychiatry	6	2.1
Psychiatry	156	64.1
Psychiatry & Neurology	7	4.8
Psychoanalysis	3	1.0
RADIOLOGY		
Diagnostic Radiology	208	.
Neuroradiology	18	.
Nuclear Radiology	2	.
Pediatric Radiology	5	.
Radiation Oncology	1	.
Radiology	12	.
Vascular/Interventional Radiology	7	.
SURGERY: GENERAL		
General Surgery	64	48.5
SURGERY: ORTHOPEDIC		
Adult Reconstructive Orthopedics	7	4.2
Hand Surgery (Orthopedic)	9	7.0
Orthopedic Surgery	35	19.4
Orthopedic Surgery Of The Spine	9	6.3
Orthopedic Surgery: Sports	11	8.0
Orthopedic Trauma	8	3.6
Pediatric Orthopedics	1	.

continued...

Table 15 -- VT Physicians, 2020  
Detailed Specialty List (continued)

SPECIALTY GROUP Specialty	Number of Physicians	FTEs
SURGERY: OTHER		
Abdominal Surgery	4	1.2
Cardiovascular Surgery	3	2.0
Colon & Rectal Surgery	4	2.1
General Vascular Surgery	8	5.2
Neurological Surgery	7	5.0
Oral & Maxillofacial Surgery	3	2.0
Pediatric Surgery	2	2.0
Surgical Critical Care	4	1.4
Thoracic Surgery	6	1.9
URGENT CARE		
Urgent Care	10	3.3
UROLOGY		
Female Pelvic Medicine	2	.4
Pediatric Urology	2	.8
Urology	23	18.6
OTHER SPECIALTIES		
Acupuncture	1	.2
Addiction Medicine	25	8.4
Adolescent Medicine (subspecialty)	1	.1
Aerospace Medicine	2	.3
Allergy & Immunology	6	3.2
Clinical Genetics	3	.2
Family Medicine subspecialties	1	.1
Family Medicine: Sports	15	6.9
Family Practice (subspecialty)	115	8.1
General Practice (in hospital)	3	.0
General Practice (in hospital)	19	.6
Geriatric Medicine (subspecialty)	9	5.7
Gynecologic Oncology	3	1.4
Gynecology	1	.
Gynecology subspecialty	1	.2
Hand Surgery (Plastic)	1	1.0
Hospitalist (non-hospital setting)	11	1.6
Maternal & Fetal Medicine	5	4.0
Medical Genetics	2	1.0
Nuclear Medicine	1	.
Nutrition	2	.1
Ob/Gyn (subspecialty)	1	.
Occupational Medicine	18	3.3
Otolaryngology	19	9.6
Otology/neurotology	1	.7
Pain Medicine (PM)	4	2.5
Palliative Care	16	6.3
Pediatric Allergy	1	.
Pediatric Otolaryngology	2	2.0
Pediatric Rehabilitation Med	1	.
Phlebology	1	.1
Physical Medicine & Rehabilitation	11	7.6
Plastic Surgery	7	2.6
Plastic Surgery within Head & Neck	3	1.0
Preventive Medicine	3	.3
Public Health & General Preventive	1	.6
Reproductive Endocrinology	8	4.5
Sleep Medicine	11	3.3
Underseas Medicine	1	.
Unlisted Specialty	21	6.3
Urogynecology	4	3.4

Note: FTEs not calculated for pathologists, radiologists,  
and general telemedicine (Note 3)

Table 16 -- VT Physicians, 2020  
Full Time Equivalent (FTEs) by Practice Setting by Specialty

Specialty Group	FTEs in Practice Setting					
	Office	Hospital Inpatient	Hospital E.D.	Hospital Outpatient	Health Clinic	All Others
TOTAL	549.1	183.7	104.4	284.8	96.7	181.7
PRIMARY CARE	271.3	.	.	49.7	72.5	32.8
Family Practice	124.9	.	.	15.9	50.3	12.2
Internal Medicine	58.7	.	.	6.2	11.2	14.3
Ob/Gyn	33.2	.	.	17.8	2.0	2.7
Pediatrics	54.5	.	.	9.7	9.0	3.6
SPECIALTY CARE	277.8	183.7	104.4	235.1	24.3	148.9
Anesthesiology	9.2	26.7	.	37.5	.	6.5
Dermatology	8.4	.	.	8.5	.	4.7
Emergency Medicine	1.5	.	101.0	.3	.2	6.3
Hospitalist	.9	89.6	.	1.3	.2	4.7
Internal Medicine	69.2	15.0	.4	59.4	.1	34.8
Pediatrics	2.8	4.8	.	10.0	.	8.3
Neurology	14.4	1.2	.	13.6	.4	5.3
Ophthalmology	21.4	.	.	11.1	.	.
Psychiatry	29.3	25.1	2.8	19.3	21.6	18.2
Surgery: General	23.3	3.1	.	22.0	<.05	4.1
Surgery: Orthopedic	32.7	.4	<.05	15.2	.	6.6
Surgery: Other	9.2	4.2	.	9.3	.	4.1
Urology	13.5	.8	.	5.5	.	2.8
Other Specialties	42.1	12.8	.3	22.2	1.9	42.5

"Hospital Outpatient" includes "Hospital Inpatient and Outpatient".  
All worksites of each physician are counted in this table (Note 4).  
Pathologists, radiologists and telemedicine excluded (Note 3).

Table 17 -- VT Physicians, 2020  
Detailed Practice Settings

Practice Setting	Primary Care		Specialty Care	
	FTEs	Percent	FTEs	Percent
TOTAL	426.3	100%	974.2	100%
Community Health Center	74.1	17%	8.3	1%
Extended Care	6.7	2%	4.8	0%
Free Clinic	1.7	0%	.5	0%
Home Health	.1	0%	.	.
Hospice Care	.	.	2.4	0%
Hospital (in & outpatient)	21.4	5%	166.3	17%
Hospital Emergency Dept	.	.	106.1	11%
Hospital Inpatient Dept	.	.	194.9	20%
Hospital Outpatient Dept	31.5	7%	116.8	12%
Mental Health Center	.	.	17.6	2%
Multi-Specialty Group	49.6	12%	102.8	11%
Occupational Health	.	.	1.4	0%
School or College	3.6	1%	3.1	0%
Single-Specialty Group	190.2	45%	143.0	15%
Solo Practice	42.7	10%	72.5	7%
Urgent Care / Walk-in	.	.	15.8	2%
VA Clinic	4.4	1%	.	.
Other	.	.	16.5	2%

For each practice setting, this table counts the number of active physician FTEs, separately for primary and specialty care. The percentages are based on the TOTAL line. Radiology, pathology, and telemedicine are excluded (Note 3).

Table 18 -- VT Physicians, 2020  
Practice Setting by Age

Practice Setting	Total		Number in Age Group					
			<35	35-44	45-54	55-59	60-64	65+
TOTAL, all settings	2633	(100%)	138	693	731	334	327	410
Solo Practice	179	( 7%)	2	16	28	21	40	72
Single-Specialty Group	575	( 22%)	19	121	190	78	76	91
Multi-Specialty Group	268	( 10%)	9	62	63	47	41	46
Hospital Inpatient Dept	273	( 10%)	30	103	72	17	33	18
Hospital Emergency Dept	206	( 8%)	13	74	66	22	19	12
Hospital Outpatient Dept	222	( 8%)	27	75	53	17	21	29
Hospital In/Outpatient	329	( 12%)	17	99	87	51	31	44
Laboratory	25	( 1%)	1	10	5	3	3	3
Urgent Care / Walk-in	48	( 2%)	2	12	14	7	7	6
Community Health Center	108	( 4%)	8	32	21	16	14	17
Mental Health Center	30	( 1%)	2	5	2	4	6	11
Home Health	1	( 0%)	.	.	.	1	.	.
Extended Care	19	( 1%)	.	2	6	3	3	5
Hospice	4	( 0%)	.	.	2	.	1	1
Free Clinic	15	( 1%)	.	.	1	1	1	12
Occupational Health	8	( 0%)	.	1	2	1	2	2
School or College	11	( 0%)	.	1	6	3	.	1
VA Clinic	7	( 0%)	.	2	1	1	2	1
Telemedicine	216	( 8%)	7	70	82	26	14	17
Other	88	( 3%)	.	8	30	15	13	22

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

Table 19 -- VT Physicians, 2020  
Average Patient Care Hours per Week,  
by Provider Specialty and Age

Main Specialty	Total	Average Patient Care Hours per Week					% Working Full Time (%)
		All Ages	Age < 45	Age 45-54	Age 55-64	Age 65+	
ALL SPECIALTIES	1924	33	36	33	35	26	42%
PRIMARY CARE	566	34	36	34	35	28	39%
Family Practice	278	32	34	33	33	28	32%
Internal Medicine	127	33	36	31	35	30	38%
Ob/Gyn	63	43	44	46	40	29	70%
Pediatrics	98	34	36	32	37	24	38%
SPECIALTY CARE	1358	33	36	33	35	24	43%
Anesthesiology	97	44	49	42	45	25	70%
Dermatology	27	33	39	33	26	27	41%
Emergency Medicine	189	24	23	23	24	26	13%
Hospitalist	126	36	38	35	34	33	50%
Internal Medicine	247	34	40	29	36	23	47%
Pediatrics	41	27	30	33	19	14	32%
Neurology	50	29	37	31	22	18	32%
Ophthalmology	37	38	38	42	34	30	68%
Psychiatry	176	29	33	30	28	25	30%
Surgery: General	64	45	45	54	49	21	72%
Surgery: Orthopedic	74	38	44	47	35	21	58%
Surgery: Other	31	41	49	37	44	24	68%
Urology	25	53	60	39	51	.	68%
Urgent Care	7	25	.	.	17	.	29%
Other Specialties	167	31	33	29	36	23	38%

Average hours based on less than 3 people are suppressed.

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

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

Pathologists, radiologists and general telemedicine excluded (Note 3).

Table 20 -- VT Physicians, 2020  
Plan to Retire, Leave, or Reduce Hours Within 12 Months

Specialty	Total Physicians	Plan to Retire or Leave VT (%)	Plan to Reduce Hours (%)
TOTAL	2633	5%	7%
PRIMARY CARE	566	6%	10%
Family Practice	278	6%	11%
Internal Medicine	127	9%	10%
Ob/Gyn	63	5%	6%
Pediatrics	98	4%	7%
SPECIALTY CARE	2067	5%	6%
Anesthesiology	97	10%	16%
Dermatology	39	5%	3%
Emergency Medicine	248	2%	6%
Hospitalist	128	10%	6%
Internal Medicine	318	5%	4%
Pediatrics	43	10%	12%
Neurology	92	10%	6%
Ophthalmology	38	8%	0%
Pathology	68	6%	5%
Psychiatry	222	6%	8%
Radiology	248	2%	2%
Surgery: General	64	5%	3%
Surgery: Orthopedic	76	4%	8%
Surgery: Other	35	0%	6%
Urology	26	0%	8%
Urgent Care	9	11%	0%
Other Specialties	316	3%	5%

All telemedicine & locum tenens physicians are excluded from this table. Physicians were asked if they plan to retire, or leave their Vermont practice, within the next 12 months, and, separately, whether they plan to reduce their patient care hours in Vermont within the next 12 months. 98 physicians (4%) answered 'yes' to both questions. Physicians who indicated they planned to retire or leave Vermont were excluded from the numerator for the percentage planning to reduce hours. Physicians who did not answer the question on retirement were excluded from calculation of the percentage planning to retire or leave Vermont. Physicians who did not answer the question on reducing hours were excluded from calculation of the percentage planning to reduce hours.

Table 21 -- VT Physicians, 2020  
 Plan to Retire, Leave, or Reduce Hours Within 12 Months

Specialty	FTEs	Plan to Retire or Leave VT (%)	Plan to Reduce Hours (%)
TOTAL	1400.5	6%	7%
PRIMARY CARE	426.3	5%	9%
Family Practice	203.3	5%	10%
Internal Medicine	90.5	6%	10%
Ob/Gyn	55.7	5%	6%
Pediatrics	76.8	3%	6%
SPECIALTY CARE	974.2	6%	7%
Anesthesiology	79.9	11%	17%
Dermatology	21.5	9%	4%
Emergency Medicine	109.2	4%	5%
Hospitalist	96.6	11%	4%
Internal Medicine	178.9	5%	4%
Pediatrics	25.9	7%	11%
Neurology	35.0	14%	7%
Ophthalmology	32.5	7%	0%
Psychiatry	116.3	6%	7%
Surgery: General	52.6	5%	2%
Surgery: Orthopedic	54.8	4%	6%
Surgery: Other	26.8	0%	7%
Urology	22.5	0%	9%
Urgent Care	3.3	15%	0%
Other Specialties	118.5	3%	10%

All telemedicine & locum tenens physicians are excluded from this table. Percentages here are of the FTEs, not physicians nor sites. Physicians were asked if they plan to retire, or leave their Vermont practice, within the next 12 months, and, separately, whether they plan to reduce their patient care hours in Vermont within the next 12 months. 57.9 FTE physicians (4%) answered 'yes' to both questions. Physicians who indicated they planned to retire or leave Vermont were excluded from the numerator for the percentage planning to reduce hours. Physicians who did not answer the question on retirement were excluded from calculation of the percentage planning to retire or leave Vermont. Physicians who did not answer the question on reducing hours were excluded from calculation of the percentage planning to reduce hours.

Table 22 -- VT Physicians, 2020  
Practice Availability by Specialty - Numbers

Specialty	Physicians	Accept New Patients	Participate in Medicaid	Accept New Medicaid Patients	Participate in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
TOTAL	1378	90%	97%	86%	97%	85%
PRIMARY CARE	541	80%	98%	76%	98%	71%
Family Practice	265	77%	97%	71%	98%	72%
Internal Medicine	113	61%	98%	58%	99%	58%
Ob/Gyn	63	97%	98%	95%	97%	90%
Pediatrics	100	98%	99%	98%	n.a.	n.a.
SPECIALTY CARE	837	96%	96%	92%	97%	93%
Anesthesiology	65	98%	98%	96%	100%	98%
Dermatology	27	92%	81%	69%	100%	92%
Internal Medicine	213	99%	100%	98%	100%	98%
Pediatrics	30	100%	100%	100%	n.a.	n.a.
Neurology	48	96%	98%	93%	98%	93%
Ophthalmology	37	100%	100%	100%	100%	100%
Psychiatry	130	85%	92%	76%	89%	70%
Surgery: General	58	98%	98%	98%	98%	98%
Surgery: Orthopedic	66	98%	97%	97%	97%	97%
Surgery: Other	27	100%	100%	100%	96%	96%
Urology	24	100%	100%	100%	100%	100%
Other Specialties	112	98%	92%	90%	93%	91%

See Note 10 regarding tabulation of availability.

Only office settings are included (see Note 11).

Pathologists, radiologists, hospitalists & emergency medicine are excluded from this table.

Physicians were asked if they accept new patients and if they participate in Medicaid and Medicare for each site where they practice. In this table each physician is counted once, in his or her main specialty. Only sites where the physician works in his or her main specialty are included. A physician is counted as accepting new patients if they accept new patients at any site, and as participating in Medicaid or Medicare if they participate at any site.

Denominators for percentages do not include unknowns.

Table 23 -- VT Physicians, 2020  
Practice Availability by Specialty - FTEs

Specialty	FTEs	Accept New Patients	Participate in Medicaid	Accept New Medicaid Patients	Participate in Medicare	Accept New Medicare Patients
		(%)	(%)	(%)	(%)	(%)
TOTAL	1030.8	91%	97%	87%	98%	86%
PRIMARY CARE	409.7	81%	98%	78%	98%	73%
Family Practice	195.2	78%	97%	72%	98%	73%
Internal Medicine	82.0	61%	97%	58%	99%	58%
Ob/Gyn	55.7	97%	99%	96%	98%	92%
Pediatrics	76.8	99%	100%	99%	n.a.	n.a.
SPECIALTY CARE	621.1	97%	97%	94%	98%	94%
Anesthesiology	52.0	98%	100%	97%	100%	98%
Dermatology	21.5	90%	79%	66%	100%	90%
Internal Medicine	154.4	99%	100%	99%	100%	97%
Pediatrics	19.3	100%	100%	100%	n.a.	n.a.
Neurology	33.8	99%	100%	99%	100%	99%
Ophthalmology	32.5	100%	100%	100%	100%	100%
Psychiatry	82.2	89%	92%	79%	91%	74%
Surgery: General	48.7	99%	99%	99%	99%	99%
Surgery: Orthopedic	54.3	99%	99%	99%	99%	99%
Surgery: Other	22.0	100%	100%	100%	95%	95%
Urology	21.7	100%	100%	100%	100%	97%
Other Specialties	78.8	99%	93%	91%	92%	91%

See Note 10 regarding tabulation of availability.  
Only office settings are included (Note 11).  
Each site a physician practices in is counted, weighed by FTEs.  
Pathologists, radiologists, and emergency medicine are excluded here.  
Denominators for percentages do not include unknowns.

See preceding page for similar tabulation with counts rather than FTEs.

Table 24 -- VT Physicians, 2020  
Practice Availability by County - FTEs

County	FTEs	Accept New Patients	Accept New Medicaid Patients	Accept New Medicare Patients
		(%)	(%)	(%)
STATEWIDE TOTAL				
Primary Care	409.7	81%	78%	73%
Specialists	621.1	97%	94%	94%
Addison County				
Primary Care	23.0	83%	77%	80%
Specialists	16.6	96%	96%	92%
Bennington County				
Primary Care	25.9	70%	66%	61%
Specialists	38.0	100%	89%	94%
Caledonia County				
Primary Care	18.7	83%	81%	76%
Specialists	17.9	100%	100%	100%
Chittenden County				
Primary Care	140.5	73%	68%	62%
Specialists	331.6	97%	94%	93%
Essex County				
Primary Care	1.6	46%	46%	40%
Specialists	.			
Franklin County				
Primary Care	28.9	93%	87%	65%
Specialists	19.7	100%	100%	100%
Grand Isle County				
Primary Care	.9	11%	11%	11%
Specialists	<.05	100%	100%	0%
Lamoille County				
Primary Care	13.9	85%	85%	84%
Specialists	14.9	99%	99%	96%
Orange County				
Primary Care	15.7	96%	94%	92%
Specialists	11.6	100%	97%	93%
Orleans County				
Primary Care	13.4	84%	84%	89%
Specialists	13.4	100%	100%	93%
Rutland County				
Primary Care	29.6	96%	96%	88%
Specialists	52.2	100%	96%	100%
Washington County				
Primary Care	38.5	87%	87%	85%
Specialists	47.7	92%	87%	89%
Windham County				
Primary Care	29.9	82%	82%	74%
Specialists	24.1	99%	97%	97%
Windsor County				
Primary Care	29.4	84%	77%	77%
Specialists	32.7	100%	90%	94%

Percentages here are of the FTEs, not physicians nor sites.  
Only office settings are included (see Note 11).  
Pathologists, radiologists, emergency medicine, & telemedicine excluded.  
See Note 10 regarding tabulation of availability.

Table 25 -- VT Physicians, 2020  
Main and Secondary Specialties

Specialty	Main Specialty		Secondary Specialty	
	Number	FTE	Number	FTE
TOTAL	2633	1380.6	107	19.9
PRIMARY CARE	566	420.7	30	5.6
Family Practice	278	200.3	9	3.0
Internal Medicine	127	89.8	6	.7
Ob/Gyn	63	55.1	5	.6
Pediatrics	98	75.5	10	1.3
SPECIALTY CARE	2067	959.9	77	14.3
Anesthesiology	97	79.9	0	.
Dermatology	39	21.5	1	.
Emergency Medicine	248	108.3	2	.9
Hospitalist	128	95.1	14	1.5
Internal Medicine	318	176.2	9	2.7
Pediatrics	43	25.6	3	.2
Neurology	92	34.8	1	.3
Ophthalmology	38	32.5	0	.
Pathology	68	.	0	.
Psychiatry	222	115.8	3	.5
Radiology	248	.	0	.
Surgery: General	64	52.6	0	.
Surgery: Orthopedic	76	54.5	1	.4
Surgery: Other	35	25.0	5	1.8
Urology	26	22.5	0	.
Urgent Care	9	3.2	1	.1
Other Specialties	316	112.5	37	6.1

For each specialty group, this table counts the number of active physicians who practice in the specialty as their main, or as a secondary (or tertiary, etc), specialty. Most physicians did not report a secondary specialty.

FTEs not computed for pathologists, radiologists and telemedicine (Note 3).

Table 26 -- VT Physicians, 2020  
Changes in Hours, Patients, and Telemedicine due to Pandemic

Specialty	Total Physicians	Increase In Hours	Increase In Patients	Decrease In Hours	Decrease In Patients
		(%)	(%)	(%)	(%)
TOTAL	2061	27%	9%	15%	36%
PRIMARY CARE	566	34%	8%	14%	46%
Family Practice	278	36%	8%	14%	43%
Internal Medicine	127	36%	8%	9%	39%
Ob/Gyn	63	24%	13%	18%	31%
Pediatrics	98	34%	2%	19%	72%
SPECIALTY CARE	1495	24%	10%	15%	32%
Anesthesiology	97	35%	15%	9%	24%
Dermatology	27	22%	7%	22%	59%
Emergency Medicine	189	22%	6%	11%	42%
Hospitalist	126	31%	10%	6%	18%
Internal Medicine	247	28%	12%	11%	21%
Pediatrics	41	29%	2%	12%	34%
Neurology	50	12%	4%	16%	22%
Ophthalmology	37	22%	3%	24%	59%
Pathology	60	26%	8%	17%	50%
Psychiatry	176	25%	19%	14%	20%
Radiology	77	12%	16%	16%	31%
Surgery: General	64	10%	3%	31%	41%
Surgery: Orthopedic	74	12%	4%	30%	57%
Surgery: Other	31	23%	3%	0%	21%
Urology	25	8%	0%	17%	36%
Urgent Care	7	14%	29%	14%	57%
Other Specialties	167	28%	9%	21%	44%

Excludes telemedicine not directly associated with a practice in Vermont.

Physicians were asked if their hours spent in clinical care and administration had increased, decreased, or stayed the same as a result of the pandemic and separately, whether the number of patients had increased, decreased, or stayed the same as a result of the pandemic.

20 physicians (1%) did not answer the first question.  
140 physicians (7%) answered 'increased' to both questions.

continued...

Table 26 -- VT Physicians, 2020  
 Changes in Hours, Patients, and Telemedicine due to Pandemic (continued)

Specialty	Total Physicians	Increase In Telemed (%)	Increase Will Stay (%)	Increase Will Not Stay (%)	Too Soon to Tell (%)
TOTAL	2061	91%	50%	17%	33%
PRIMARY CARE	566	96%	52%	16%	31%
Family Practice	278	96%	58%	15%	27%
Internal Medicine	127	97%	50%	18%	32%
Ob/Gyn	63	93%	42%	23%	36%
Pediatrics	98	98%	47%	15%	38%
SPECIALTY CARE	1495	88%	49%	18%	33%
Anesthesiology	97	60%	78%	11%	11%
Dermatology	27	100%	38%	25%	38%
Emergency Medicine	189	44%	45%	27%	27%
Hospitalist	126	45%	22%	33%	44%
Internal Medicine	247	97%	61%	15%	25%
Pediatrics	41	89%	65%	6%	29%
Neurology	50	98%	51%	11%	38%
Ophthalmology	37	71%	7%	53%	40%
Pathology	60	33%	0%	100%	0%
Psychiatry	176	92%	53%	12%	34%
Radiology	77	55%	58%	0%	42%
Surgery: General	64	84%	17%	28%	56%
Surgery: Orthopedic	74	90%	25%	33%	42%
Surgery: Other	31	100%	46%	17%	38%
Urology	25	92%	43%	22%	35%
Urgent Care	7	.	.	.	.
Other Specialties	167	90%	47%	19%	34%

Excludes telemedicine not associated with a specific Vermont location.

Physicians were asked if their use of telemedicine had increased, decreased or stayed the same as a result of the pandemic and if it had increased, whether they thought that would continue beyond the pandemic, not continue, or if it was too soon to tell.

14 physicians (1%) did not answer the first question.

649 physicians (50%) answered that telemedicine had increased and that increase would stay.

# Distribution of Physicians by Health Related Geographical Regions:

Health Care Areas  
Local Health Districts

Table 27 -- VT Physicians, 2020  
Age by Health Care Area

Health Care Area	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	2633	138	693	731	334	327	410	28%
Primary Care	566	33	128	143	75	77	110	33%
Specialists	2067	105	565	588	259	250	300	27%
Barre								
Primary Care	51	2	18	11	4	5	11	31%
Specialists	123	9	35	24	13	14	28	34%
Bennington								
Primary Care	42	0	8	11	4	9	10	45%
Specialists	88	0	15	34	11	15	13	32%
Brattleboro								
Primary Care	34	0	7	4	8	5	10	44%
Specialists	102	4	28	30	7	12	21	32%
Burlington								
Primary Care	201	18	48	57	25	27	26	26%
Specialists	709	61	229	161	77	84	97	26%
Middlebury								
Primary Care	36	2	14	8	3	3	6	25%
Specialists	39	1	4	15	8	8	3	28%
Morrisville								
Primary Care	23	1	4	8	3	1	6	30%
Specialists	34	0	8	9	7	3	7	29%
Newport								
Primary Care	16	1	3	7	3	0	2	13%
Specialists	29	1	5	9	4	4	6	34%
Randolph								
Primary Care	35	2	7	6	6	1	13	40%
Specialists	78	4	11	22	12	11	18	37%
Rutland								
Primary Care	37	0	4	14	7	9	3	32%
Specialists	120	3	31	33	12	23	18	34%
Springfield								
Primary Care	13	1	1	1	1	0	9	69%
Specialists	30	0	4	8	6	4	8	40%
St. Albans								
Primary Care	29	3	5	7	5	4	5	31%
Specialists	49	2	10	13	9	7	8	31%
St. Johnsbury								
Primary Care	25	0	3	5	4	7	6	52%
Specialists	48	3	9	15	8	7	6	27%
Upper Valley								
Primary Care	8	1	2	2	1	2	0	25%
Specialists	1	0	0	0	0	0	1	100%
Windsor								
Primary Care	16	2	4	2	1	4	3	44%
Specialists	37	4	9	8	4	7	5	32%

See Appendices A and F for the definition of Health Care Areas.  
Each physician is counted once in this table, in their main specialty group, and, independently, in their main service area (see Note 2).  
Telemedicine is only counted in the statewide totals.

Table 28 -- VT Physicians, 2020  
FTEs by Age by Health Care Area

HSA	Total	FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	1400.5	103.7	381.2	358.9	178.1	189.7	188.9	27%
Primary Care	426.3	28.0	104.2	110.7	57.6	59.2	66.7	30%
Specialists	974.2	75.7	277.0	248.2	120.5	130.5	122.2	26%
Barre								
Primary Care	39.6	1.6	14.7	9.0	3.0	4.6	6.8	29%
Specialists	89.7	7.0	24.6	22.8	10.4	9.4	15.6	28%
Bennington								
Primary Care	30.3	.	6.1	7.7	4.0	6.6	5.9	41%
Specialists	58.4	.	12.7	22.0	7.5	9.6	6.7	28%
Brattleboro								
Primary Care	24.1	.	5.7	3.3	5.6	3.8	5.7	39%
Specialists	49.7	2.5	14.3	12.2	5.0	5.5	10.1	31%
Burlington								
Primary Care	151.3	14.7	37.0	42.7	19.7	19.3	18.0	25%
Specialists	473.0	52.0	163.8	102.9	48.7	55.9	49.6	22%
Middlebury								
Primary Care	23.5	1.4	11.2	6.4	2.2	1.8	.5	10%
Specialists	29.8	1.5	3.8	12.1	3.8	6.1	2.6	29%
Morrisville								
Primary Care	17.4	.6	3.1	5.9	2.0	1.0	4.8	33%
Specialists	22.9	.4	5.9	5.5	5.0	2.5	3.5	26%
Newport								
Primary Care	14.1	1.0	2.7	5.0	3.0	.4	2.0	17%
Specialists	22.7	1.0	4.3	8.2	4.7	1.3	3.2	20%
Randolph								
Primary Care	20.6	2.0	6.2	4.2	2.7	.8	4.7	27%
Specialists	43.3	1.3	6.4	14.3	8.1	7.3	5.9	30%
Rutland								
Primary Care	31.4	.4	3.8	11.8	5.8	7.9	1.7	30%
Specialists	84.2	2.5	19.9	24.4	9.5	17.4	10.5	33%
Springfield								
Primary Care	10.3	.7	.6	.8	.8	.	7.4	72%
Specialists	18.4	.	3.4	3.5	3.2	3.4	4.8	45%
St. Albans								
Primary Care	26.8	2.8	5.0	7.0	4.3	2.9	4.9	29%
Specialists	35.8	1.8	7.0	10.7	6.9	5.4	3.9	26%
St. Johnsbury								
Primary Care	17.4	.	3.3	4.0	2.8	4.8	2.5	42%
Specialists	28.5	2.5	7.1	6.7	5.6	3.1	3.6	23%
Upper Valley								
Primary Care	6.4	.9	1.9	1.5	.7	1.5	.	23%
Specialists	.5	.	.	.	.	.3	.2	100%
Windsor								
Primary Care	13.0	2.0	3.1	1.2	1.0	3.7	2.0	44%
Specialists	16.6	3.2	2.9	2.8	2.2	3.2	2.3	33%

See Appendices A and F for the definition of Health Care Areas.  
Pathologists, radiologists and telemedicine excluded (see Note 3).  
See Note 4 regarding calculation of hours and FTEs by area.

Table 29 -- VT Physicians, 2020  
 Numbers of Physicians, Full Time Equivalents (FTEs), and  
 Total Weekly Patient Care Hours, by Health Care Area

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL		1923 1400.5 64049	584 426.3 18955	1398 974.2 45094
Barre		198 129.3 5798	56 39.6 1836	149 89.7 3962
Bennington		133 88.8 3992	42 30.3 1439	93 58.4 2553
Brattleboro		139 73.8 3318	33 24.1 1105	109 49.7 2213
Burlington		849 624.3 28869	212 151.3 6612	656 473.0 22257
Middlebury		89 53.3 2305	40 23.5 961	52 29.8 1345
Morrisville		59 40.3 1798	27 17.4 728	37 22.9 1070
Newport		51 36.8 1727	17 14.1 605	38 22.7 1121
Randolph		120 63.8 2909	37 20.6 897	86 43.3 2012
Rutland		163 115.5 5460	40 31.4 1455	127 84.2 4005
Springfield		48 28.6 1249	14 10.3 445	34 18.4 804
St. Albans		82 62.6 2848	31 26.8 1271	52 35.8 1577
St. Johnsbury		76 45.9 2116	26 17.4 744	53 28.5 1372
Upper Valley		11 6.9 296	8 6.4 278	4 .5 18
Windsor		49 29.5 1331	17 13.0 580	32 16.6 751

See Appendices A and F for the definition of Health Care Areas.  
 In this table physicians may be counted more than once (Note 4).  
 Pathologists and radiologists are excluded from this table (Note 3).  
 The statewide total includes 0.9 FTEs that are not localized.

Table 30 -- VT Physicians, 2020  
 Numbers of Primary Care Physicians, Full Time Equivalents (FTEs),  
 and Total Weekly Patient Care Hours, by Health Care Area

Count FTEs Hours	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	584 426.3 18955	287 203.3 8895	132 90.5 4074	68 55.7 2636	108 76.8 3351
Barre	56 39.6 1836	34 23.8 1029	11 6.3 338	6 4.2 237	7 5.3 232
Bennington	42 30.3 1439	22 15.7 735	9 4.9 218	4 3.9 230	7 5.8 256
Brattleboro	33 24.1 1105	20 14.6 711	5 3.6 158	3 3.0 120	5 2.9 116
Burlington	212 151.3 6612	85 58.8 2537	58 44.0 1922	29 21.9 1012	41 26.7 1141
Middlebury	40 23.5 961	25 13.9 558	5 2.1 91	6 3.7 162	6 3.7 150
Morrisville	27 17.4 728	19 13.1 547	2 1.6 62	4 1.3 53	3 1.5 66
Newport	17 14.1 605	6 4.8 206	5 4.1 178	2 2.0 80	5 3.2 141
Randolph	37 20.6 897	19 10.5 450	9 3.0 118	5 3.3 137	4 3.8 191
Rutland	40 31.4 1455	17 13.6 595	11 7.8 376	5 5.0 270	8 4.9 214
Springfield	14 10.3 445	5 3.7 158	5 4.3 192	2 .8 37	2 1.5 59
St. Albans	31 26.8 1271	16 13.7 651	2 1.4 56	4 3.7 172	9 7.9 392
St. Johnsbury	26 17.4 744	14 8.8 370	4 2.1 94	3 2.8 126	6 3.8 154
Upper Valley	8 6.4 278	5 4.1 180	1 .8 30	1 .0 1	2 1.5 67
Windsor	17 13.0 580	6 4.2 168	6 4.5 240	. . . .	5 4.3 172

See Appendices A and F for the definition of Health Care Areas.  
 In this table physicians may be counted more than once (Note 4).  
 The statewide total includes 0.9 FTEs that are not localized.

Table 31 -- VT Physicians, 2020  
 Numbers of Specialty Care Physicians, Full Time Equivalents (FTEs),  
 and Total Weekly Patient Care Hours, by Health Care Area

Count FTEs Hours	SPECIALTY CARE TOTAL	ANESTHES- IOLOGY	EMERGENCY MEDICINE	HOSPITALIST	INTERNAL MEDICINE	NEUROLOGY	OPHTHALM OLOGY
STATE TOTAL	1398 974.2 45094	96 79.9 4187	191 109.2 4483	139 96.6 4414	255 178.9 8400	52 35.0 1446	37 32.5 1388
Barre	149 89.7 3962	12 5.1 268	15 10.7 433	22 14.2 645	20 14.0 602	5 3.1 132	5 3.0 120
Bennington	93 58.4 2553	4 1.6 90	21 10.8 460	12 8.7 351	14 10.6 446	2 .8 32	2 1.5 60
Brattleboro	109 49.7 2213	3 2.8 156	37 9.3 371	8 5.1 213	12 6.3 291	3 1.5 59	2 1.0 40
Burlington	656 473.0 22257	56 48.6 2662	42 24.5 1001	42 32.9 1535	141 103.7 4916	35 23.1 957	20 18.1 783
Middlebury	52 29.8 1345	2 1.6 74	11 5.1 204	9 4.3 193	6 3.2 160	. . . .	1 1.0 40
Morrisville	37 22.9 1070	1 1.0 50	10 5.5 229	2 2.0 83	5 2.0 79	1 1.0 40	. . . .
Newport	38 22.7 1121	5 3.6 156	10 6.4 293	4 1.4 76	5 2.4 109	1 .8 32	. . . .
Randolph	86 43.3 2012	9 4.8 194	10 5.7 228	6 3.0 198	11 4.3 225	3 1.0 40	1 1.0 40
Rutland	127 84.2 4005	8 6.4 334	18 11.4 454	18 11.6 505	30 18.8 907	2 2.0 82	4 4.0 175
Springfield	34 18.4 804	. . . .	11 5.8 235	4 3.0 126	3 1.7 67	. . . .	. . . .
St. Albans	52 35.8 1577	3 2.9 129	12 8.1 329	7 4.7 190	6 2.7 128	. . . .	2 1.7 80
St. Johnsbury	53 28.5 1372	. . . .	8 5.0 206	4 2.3 125	18 7.6 405	1 .8 32	1 .7 26
Upper Valley	4 .5 18	. . . .	. . . .	. . . .	1 .1 4	. . . .	. . . .
Windsor	32 16.6 751	3 1.4 76	1 .8 40	7 3.4 174	5 .8 33	1 1.0 40	1 .5 20

(continued on next page)

Table 31 (continued) -- VT Physicians, 2020  
 Numbers of Specialty Care Physicians, Full Time Equivalents (FTEs),  
 and Total Weekly Patient Care Hours, by Health Care Area

Count FTEs Hours	SPECIALTY CARE						
	TOTAL	PSYCHIATRY	GENERAL SURGERY	ORTHOP. SURGERY	OTHER SURGERY	UROLOGY	OTHER
STATE TOTAL	1398	177	64	75	36	25	277
	974.2	116.3	52.6	54.8	26.8	22.5	169.2
	45094	5047	2696	2825	1422	1298	7487
Barre	149	33	6	7	2	1	24
	89.7	17.7	5.5	5.2	<.05	1.0	10.4
	3962	746	268	265	0	40	442
Bennington	93	7	6	6	2	2	17
	58.4	4.2	5.0	4.1	.8	1.9	8.4
	2553	168	271	177	40	86	370
Brattleboro	109	20	3	10	.	1	10
	49.7	12.3	3.0	2.4	.	1.0	5.1
	2213	559	123	119	.	40	242
Burlington	656	77	18	26	31	11	169
	473.0	49.4	14.5	20.0	23.8	8.8	105.4
	22257	2120	821	1046	1244	489	4685
Middlebury	52	5	4	2	.	1	11
	29.8	2.3	3.1	2.0	.	.9	6.4
	1345	113	142	120	.	41	257
Morrisville	37	2	2	5	2	1	7
	22.9	1.7	2.0	4.0	1.5	.8	1.5
	1070	84	95	221	96	30	63
Newport	38	3	3	1	1	1	6
	22.7	1.3	2.5	1.0	.3	1.0	2.0
	1121	58	142	73	30	70	83
Randolph	86	20	6	2	1	3	16
	43.3	11.2	3.0	1.0	.1	2.4	5.8
	2012	498	121	40	4	184	241
Rutland	127	16	5	7	2	3	14
	84.2	8.6	3.9	5.9	.2	1.6	10.0
	4005	387	249	315	8	123	468
Springfield	34	3	2	4	.	2	5
	18.4	.9	1.5	2.4	.	.6	2.4
	804	36	62	117	.	42	119
St. Albans	52	3	5	4	.	2	10
	35.8	1.6	4.3	4.0	.	1.1	4.7
	1577	65	203	193	.	64	196
St. Johnsbury	53	4	3	4	.	1	9
	28.5	2.4	3.0	2.9	.	1.0	2.8
	1372	105	150	138	.	50	136
Upper Valley	4	2	1	.	.	.	.
	.5	.4	<.05	.	.	.	.
	18	14	0	.	.	.	.
Windsor	32	4	2	.	.	1	8
	16.6	2.3	1.3	.	.	.5	4.5
	751	93	50	.	.	40	185

See Appendices A and F for definition of the Health Care Areas.  
 In this table physicians may be counted more than once (Note 4).  
 Pathologists, radiologists & telemedicine excluded (Note 3).

Table 32 -- VT Physicians, 2020  
 Primary Care Physicians: Ratio of Full Time Equivalents  
 (FTEs) to Population, by Health Care Area

Health Care Area	FTEs	Population	FTEs per 100,000 Population	Population per FTE
STATEWIDE TOTAL	426.3	642,495	66.4	1,507
Barre	39.6	65,589	60.4	1,656
Bennington	30.3	40,831	74.3	1,346
Brattleboro	24.1	33,760	71.5	1,399
Burlington	151.3	184,570	82.0	1,220
Middlebury	23.5	28,992	81.1	1,232
Morrisville	17.4	31,165	55.8	1,792
Newport	14.1	27,843	50.7	1,971
Randolph	20.6	36,292	56.6	1,766
Rutland	31.4	61,121	51.3	1,948
Springfield	10.3	28,399	36.2	2,759
St. Albans	26.8	46,173	58.1	1,721
St. Johnsbury	17.4	27,505	63.4	1,578
Upper Valley	6.4	16,686	38.5	2,595
Windsor	13.0	13,569	95.5	1,048

Only primary care physicians are included in this table.  
 An FTE is defined as 40 (or more) hours/week, 48 weeks/year.  
 The FTEs are rounded to 1 decimal for display only.  
 The ratios were calculated using the unrounded values,  
 then rounded in turn to 1 decimal for display.

See Appendices A and F for the definition of Health Care Areas.

Population estimates are for July 2020, from the Census Bureau  
 (see Note 4 and Note 7).

Table 33 -- VT Physicians, 2020  
Age by Local Health District

Local Health District	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	2633	138	693	731	334	327	410	28%
Primary Care	566	33	128	143	75	77	110	33%
Specialists	2067	105	565	588	259	250	300	27%
Barre								
Primary Care	49	2	16	11	4	5	11	33%
Specialists	118	6	34	24	13	14	27	35%
Bennington								
Primary Care	40	0	8	9	4	9	10	48%
Specialists	91	0	15	34	11	15	16	34%
Brattleboro								
Primary Care	36	0	7	6	8	5	10	42%
Specialists	101	4	28	30	7	12	20	32%
Burlington								
Primary Care	199	18	47	57	25	27	25	26%
Specialists	714	64	230	161	77	84	98	25%
Middlebury								
Primary Care	36	2	14	8	3	3	6	25%
Specialists	39	1	4	15	8	8	3	28%
Morrisville								
Primary Care	23	1	4	8	3	1	6	30%
Specialists	31	0	8	7	7	3	6	29%
Newport								
Primary Care	16	1	3	7	3	0	2	13%
Specialists	28	1	5	9	4	4	5	32%
Rutland								
Primary Care	37	0	4	14	7	9	3	32%
Specialists	119	3	31	33	12	23	17	34%
Springfield								
Primary Care	22	2	3	2	2	3	10	59%
Specialists	66	4	13	16	10	10	13	35%
St. Albans								
Primary Care	32	3	7	7	5	4	6	31%
Specialists	49	2	10	13	9	7	8	31%
St. Johnsbury								
Primary Care	29	1	4	5	5	8	6	48%
Specialists	51	3	9	17	8	7	7	27%
Wht Rvr Jct								
Primary Care	47	3	11	9	6	3	15	38%
Specialists	80	4	11	22	12	12	19	39%

Each physician is counted once in this table, in their main specialty group, and, independently, in their main district (see Note 2). Telemedicine is only counted in the statewide totals.

Table 34 -- VT Physicians, 2020  
FTEs by Age by Local Health District

District	Total	FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	1400.5	103.7	381.2	358.9	178.1	189.7	188.9	27%
Primary Care	426.3	28.0	104.2	110.7	57.6	59.2	66.7	30%
Specialists	974.2	75.7	277.0	248.2	120.5	130.5	122.2	26%
Barre								
Primary Care	39.6	1.6	14.7	9.0	3.0	4.6	6.8	29%
Specialists	89.7	7.0	24.6	22.8	10.4	9.4	15.6	28%
Bennington								
Primary Care	28.4	.	6.1	5.8	4.0	6.6	5.9	44%
Specialists	58.3	.	12.7	21.9	7.5	9.6	6.6	28%
Brattleboro								
Primary Care	26.0	.	5.7	5.2	5.6	3.8	5.7	36%
Specialists	49.8	2.5	14.3	12.2	5.0	5.5	10.2	32%
Burlington								
Primary Care	148.4	14.7	35.1	42.7	19.7	19.2	17.0	24%
Specialists	473.0	52.0	163.8	102.9	48.7	55.9	49.6	22%
Middlebury								
Primary Care	23.5	1.4	11.2	6.4	2.2	1.8	.5	10%
Specialists	29.8	1.5	3.8	12.1	3.8	6.1	2.6	29%
Morrisville								
Primary Care	17.4	.6	3.1	5.9	2.0	1.0	4.8	33%
Specialists	22.9	.4	5.9	5.5	5.0	2.5	3.5	26%
Newport								
Primary Care	14.1	1.0	2.7	5.0	3.0	.4	2.0	17%
Specialists	22.7	1.0	4.3	8.2	4.7	1.3	3.2	20%
Rutland								
Primary Care	31.4	.4	3.8	11.8	5.8	7.9	1.7	30%
Specialists	84.2	2.5	19.9	24.4	9.5	17.4	10.5	33%
Springfield								
Primary Care	17.2	1.7	1.9	1.5	1.8	2.7	7.8	61%
Specialists	34.4	3.2	6.4	6.4	5.4	6.1	7.1	38%
St. Albans								
Primary Care	29.7	2.8	6.8	7.0	4.3	3.0	5.9	30%
Specialists	35.8	1.8	7.0	10.7	6.9	5.4	3.9	26%
St. Johnsbury								
Primary Care	20.4	.9	4.0	4.0	3.5	5.6	2.5	40%
Specialists	28.5	2.5	7.1	6.7	5.6	3.1	3.6	23%
Wht Rvr Jct								
Primary Care	30.0	3.0	9.2	6.3	2.7	2.6	6.3	29%
Specialists	44.2	1.3	6.4	14.3	8.1	8.1	6.0	32%

Pathologists, radiologists, and telemedicine excluded (see Note 3).  
See Note 4 regarding calculation of hours and FTEs by county.

Table 35 -- VT Physicians, 2020  
 Numbers of Physicians, Full Time Equivalent (FTEs), and  
 Total Weekly Patient Care Hours, by Local Health District

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL		1923 1400.5 64049	584 426.3 18955	1398 974.2 45094
Barre		198 129.3 5798	56 39.6 1836	149 89.7 3962
Bennington		131 86.7 3911	40 28.4 1363	92 58.3 2548
Brattleboro		141 75.8 3399	35 26.0 1181	109 49.8 2218
Burlington		845 621.4 28749	208 148.4 6492	656 473.0 22256
Middlebury		89 53.3 2305	40 23.5 961	52 29.8 1345
Morrisville		59 40.3 1798	27 17.4 728	37 22.9 1070
Newport		51 36.8 1727	17 14.1 605	38 22.7 1121
Rutland		163 115.5 5460	40 31.4 1455	127 84.2 4005
Springfield		87 51.6 2257	23 17.2 722	64 34.4 1534
St. Albans		87 65.5 2969	35 29.7 1391	53 35.8 1578
St. Johnsbury		80 48.9 2236	30 20.4 864	53 28.5 1372
Wht Rvr Jct		134 74.2 3407	50 30.0 1357	89 44.2 2050

In this table physicians may be counted more than once (Note 4).  
 Pathologists, radiologists & telemedicine excluded (Note 3).  
 The statewide total includes 0.9 FTEs that are not localized.

Table 36 -- VT Physicians, 2020  
 Numbers of Primary Care Physicians, Full Time Equivalents (FTEs),  
 and Total Weekly Patient Care Hours, by Local Health District

Count FTEs Hours	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	584 426.3 18955	287 203.3 8895	132 90.5 4074	68 55.7 2636	108 76.8 3351
Barre	56 39.6 1836	34 23.8 1029	11 6.3 338	6 4.2 237	7 5.3 232
Bennington	40 28.4 1363	20 13.8 659	9 4.9 218	4 3.9 230	7 5.8 256
Brattleboro	35 26.0 1181	22 16.5 787	5 3.6 158	3 3.0 120	5 2.9 116
Burlington	208 148.4 6492	81 55.9 2424	58 43.9 1916	29 21.9 1012	41 26.7 1141
Middlebury	40 23.5 961	25 13.9 558	5 2.1 91	6 3.7 162	6 3.7 150
Morrisville	27 17.4 728	19 13.1 547	2 1.6 62	4 1.3 53	3 1.5 66
Newport	17 14.1 605	6 4.8 206	5 4.1 178	2 2.0 80	5 3.2 141
Rutland	40 31.4 1455	17 13.6 595	11 7.8 376	5 5.0 270	8 4.9 214
Springfield	23 17.2 722	8 5.8 240	8 6.3 272	2 .8 37	5 4.4 174
St. Albans	35 29.7 1391	19 16.6 765	3 1.5 63	4 3.7 172	9 7.9 392
St. Johnsbury	30 20.4 864	18 11.7 489	4 2.1 94	4 2.8 127	6 3.8 154
Wht Rvr Jct	50 30.0 1357	24 13.8 597	13 6.2 308	5 3.3 137	8 6.7 315

In this table physicians may be counted more than once (Note 4).  
 The statewide total includes 0.9 FTEs that are not localized.

Table 37 -- VT Physicians, 2020  
 Numbers of Specialty Care Physicians, Full Time Equivalents (FTEs),  
 and Total Weekly Patient Care Hours, by Local Health District

Count FTEs Hours	SPECIALTY CARE TOTAL	ANESTHES- IOLOGY	EMERGENCY MEDICINE	HOSPITALIST	INTERNAL MEDICINE	NEUROLOGY	OPHTHALM OLOGY
STATE TOTAL	1398 974.2 45094	96 79.9 4187	191 109.2 4483	139 96.6 4414	255 178.9 8400	52 35.0 1446	37 32.5 1388
Barre	149 89.7 3962	12 5.1 268	15 10.7 433	22 14.2 645	20 14.0 602	5 3.1 132	5 3.0 120
Bennington	92 58.3 2548	4 1.6 90	20 10.7 457	12 8.7 351	15 10.6 447	2 .8 32	2 1.5 60
Brattleboro	109 49.8 2218	3 2.8 156	37 9.4 375	8 5.1 213	11 6.3 290	3 1.5 59	2 1.0 40
Burlington	656 473.0 22256	56 48.6 2662	42 24.5 1001	42 32.9 1535	141 103.7 4916	35 23.1 957	20 18.1 783
Middlebury	52 29.8 1345	2 1.6 74	11 5.1 204	9 4.3 193	6 3.2 160	. . . .	1 1.0 40
Morrisville	37 22.9 1070	1 1.0 50	10 5.5 229	2 2.0 83	5 2.0 79	1 1.0 40	. . . .
Newport	38 22.7 1121	5 3.6 156	10 6.4 293	4 1.4 76	5 2.4 109	1 .8 32	. . . .
Rutland	127 84.2 4005	8 6.4 334	18 11.4 454	18 11.6 505	30 18.8 907	2 2.0 82	4 4.0 175
Springfield	64 34.4 1534	3 1.4 76	11 6.7 275	11 6.4 300	8 2.5 100	1 1.0 40	1 .5 20
St. Albans	53 35.8 1578	3 2.9 129	12 8.1 329	7 4.7 190	6 2.7 128	. . . .	2 1.7 80
St. Johnsbury	53 28.5 1372	. . . .	8 5.0 206	4 2.3 125	18 7.6 405	1 .8 32	1 .7 26
Wht Rvr Jct	89 44.2 2050	9 4.8 194	10 5.7 228	6 3.0 198	12 4.4 229	3 1.0 40	1 1.0 40

(continued on next page)

Table 37 (continued) -- VT Physicians, 2020  
 Numbers of Specialty Care Physicians, Full Time Equivalent (FTEs),  
 and Total Weekly Patient Care Hours, by Local Health District

Count FTEs Hours	SPECIALTY CARE	PSYCHIATRY	GENERAL SURGERY	ORTHOP. SURGERY	OTHER SURGERY	UROLOGY	OTHER
	TOTAL						
STATE TOTAL	1398 974.2 45094	177 116.3 5047	64 52.6 2696	75 54.8 2825	36 26.8 1422	25 22.5 1298	277 169.2 7487
Barre	149 89.7 3962	33 17.7 746	6 5.5 268	7 5.2 265	2 >.05 0	1 1.0 40	24 10.4 442
Bennington	92 58.3 2548	7 4.2 168	6 5.0 271	6 4.1 177	2 .8 40	2 1.9 86	16 8.3 368
Brattleboro	109 49.8 2218	20 12.3 559	3 3.0 123	10 2.4 119	. . .	1 1.0 40	11 5.1 244
Burlington	656 473.0 22256	77 49.4 2119	18 14.5 821	26 20.0 1046	31 23.8 1244	11 8.8 489	169 105.4 4685
Middlebury	52 29.8 1345	5 2.3 113	4 3.1 142	2 2.0 120	. . .	1 .9 41	11 6.4 257
Morrisville	37 22.9 1070	2 1.7 84	2 2.0 95	5 4.0 221	2 1.5 96	1 .8 30	7 1.5 63
Newport	38 22.7 1121	3 1.3 58	3 2.5 142	1 1.0 73	1 .3 30	1 1.0 70	6 2.0 83
Rutland	127 84.2 4005	16 8.6 387	5 3.9 249	7 5.9 315	2 .2 8	3 1.6 123	14 10.0 468
Springfield	64 34.4 1534	6 2.7 109	4 2.8 112	4 2.4 117	. . .	3 1.1 82	13 6.9 304
St. Albans	53 35.8 1578	4 1.7 66	5 4.3 203	4 4.0 193	. . .	2 1.1 64	10 4.7 196
St. Johnsbury	53 28.5 1372	4 2.4 105	3 3.0 150	4 2.9 138	. . .	1 1.0 50	9 2.8 136
Wht Rvr Jct	89 44.2 2050	21 12.0 532	7 3.0 121	2 1.0 40	1 .1 4	3 2.4 184	16 5.8 241

Physicians may be counted more than once (Note 4).  
 Pathologists, radiologists, & telemedicine excluded (Note 3).  
 See Appendices A and G for definition of the Local Health Districts.

Table 38 -- VT Physicians, 2020  
 Primary Care Physicians: Ratio of Full Time Equivalents  
 (FTEs) to Population, by Local Health District

District	FTEs	Population	FTEs per 100,000 Population	Population per FTE
STATEWIDE TOTAL	426.3	642,495	66.4	1,507
Barre	39.6	66,888	59.2	1,689
Bennington	28.4	37,271	76.3	1,311
Brattleboro	26.0	37,950	68.6	1,458
Burlington	148.4	168,260	88.2	1,134
Middlebury	23.5	37,144	63.3	1,579
Morrisville	17.4	32,080	54.2	1,845
Newport	14.1	27,843	50.7	1,971
Rutland	31.4	60,632	51.7	1,933
Springfield	17.2	33,986	50.7	1,973
St. Albans	29.7	57,274	51.9	1,925
St. Johnsbury	20.4	33,844	60.4	1,656
Wht Rvr Jct	30.0	49,323	60.8	1,644

Only primary care physicians are included in this table.  
 An FTE is defined as 40 (or more) hours/week, 48 weeks/year.  
 The FTEs are rounded to 1 decimal for display only.  
 The ratios were calculated using the unrounded values,  
 then rounded in turn to 1 decimal for display.

Population estimates are for July 2020, from the Census Bureau  
 (see Note 4 and Note 7.)

# Special Groups of Physicians

Locum Tenens

Telemedicine

Physicians Working Few Hours

Table 39 -- VT Physicians, 2020  
Summary of Active Physicians

	locum tenens	general telemedicine	<4 hrs / week	all others
TOTAL	42	572	129	1932
Medical Doctor (MD)	38	527	124	1819
Doctor of Osteopathy (DO)	4	45	5	113
Main specialty:				
Primary Care Total	6	.	20	546
Family Practice	3	.	14	264
Primary Care Internal Medicine	.	.	4	123
Obstetrics and Gynecology	2	.	1	62
Pediatrics	1	.	1	97
Specialty Care Total	36	572	109	1386
Anesthesiology	3	.	6	91
Dermatology	.	12	2	25
Emergency Medicine	7	59	25	164
Hospitalist	3	2	6	120
Internal Medicine Specialties	4	71	15	232
Pediatrics	.	2	3	38
Neurology	.	42	2	48
Ophthalmology	.	1	1	36
Pathology	.	8	.	60
Psychiatry	4	46	14	162
Radiology	.	171	.	77
Surgery: General	6	.	2	62
Surgery: Orthopedic	3	2	12	62
Surgery: Other	.	4	2	29
Urology	2	1	.	25
Urgent Care	.	2	2	5
Other Specialties	4	149	17	150
Age groups:				
less than 35	4	13	3	122
35 - 44	10	164	16	513
45 - 54	8	206	38	487
55 - 59	7	80	11	243
60 - 64	5	50	19	258
65 and older	8	59	42	309
Gender:				
Male	26	346	87	1113
Female	16	224	42	817
Patient care hours: (excluding pathologists, radiologists and telemedicine)				
40 or more hours/week	4	.	0	803
30 to 39 hours/week	2	.	0	410
10 to 30 hours/week	17	.	0	477
less than 10 hours/week	19	.	129	105
hours n/a	0	572	0	137

The Locum Tenens physicians are excluded from other tables in this report, except in this "special groups" section.

The telemedicine physicians, along with pathologists and radiologists, are excluded from tables reporting hours or FTEs.

Telemedicine dedicated to specific Vermont sites counted in "all others". See next page for similar tabulation by FTEs rather than counts.

Table 40 -- VT Physicians, 2020  
FTEs of Active Physicians

	locum tenens	tele- medicine	<4 hrs / week	all others
TOTAL	17.3	.	4.6	1396.6
Medical Doctor (MD)	16.3	.	4.5	1312.5
Doctor of Osteopathy (DO)	1.0	.	.1	84.1
Main specialty:				
Primary Care Total	3.4	.	.7	426.0
Family Practice	1.4	.	.6	202.7
Primary Care Internal Medicine	1.0	.	.1	90.4
Obstetrics and Gynecology	.5	.	<.05	56.1
Pediatrics	.5	.	<.05	76.8
Specialty Care Total	13.9	.	3.9	970.6
Anesthesiology	2.0	.	.2	79.9
Dermatology	.	.	.1	21.4
Emergency Medicine	1.9	.	.8	108.4
Hospitalist	2.0	.	.3	96.2
Internal Medicine Specialties	2.0	.	.5	178.4
Pediatrics	.	.	.1	25.8
Neurology	.	.	.1	34.9
Ophthalmology	.	.	.1	32.5
Psychiatry	2.2	.	.7	115.6
Surgery: General	2.3	.	<.05	52.5
Surgery: Orthopedic	.2	.	.4	54.5
Surgery: Other	.	.	<.05	26.8
Urology	.1	.	.	22.5
Urgent Care	.	.	.1	3.2
Other Specialties	1.4	.	.5	118.0
Age groups:				
less than 35	1.5	.	.1	103.6
35 - 44	4.9	.	.6	380.6
45 - 54	3.0	.	1.3	357.6
55 - 59	1.9	.	.3	178.2
60 - 64	1.5	.	.7	189.3
65 and up	4.6	.	1.6	187.4
Gender:				
Male	11.2	.	3.0	794.7
Female	6.1	.	1.6	599.9
Patient care hours:				
40 or more hours/week	5.1	.	<.05	802.2
30 to 39 hours/week	2.8	.	<.05	337.0
10 to 30 hours/week	8.0	.	<.05	239.8
less than 10 hours/week	1.4	.	4.6	17.7

FTEs not computed for pathologists, radiologists and telemedicine (Note 3).  
The Locum Tenens physicians are excluded from other tables in this report,  
except in this "special groups" section.  
The telemedicine physicians, along with pathologists and radiologists,  
are excluded from tables reporting hours or FTEs.

Table 41 -- VT Telemedicine Physicians, 2020  
Counts by Practice Setting by Specialty

Setting	Telemedicine to Specific Sites - Count in Specialty Group					
	Emergency Medicine	Internal Medicine	Pathology	Psychiatry	Radiology	All Others
TOTAL	2	36	5	21	9	100
Community Health Center	.	.	.	.	.	5
Hospital Emergency Dept	2	.	.	.	.	.
Extended Care	.	.	.	.	.	2
Free Clinic	.	.	.	.	.	1
Hospital Inpatient Dept	.	5	.	.	1	9
Hospital (in & outpat)	.	14	2	1	4	25
Hospital Outpatient Dept	.	7	1	3	.	12
Laboratory	.	.	2	.	.	.
Multi-Specialty Group	.	5	.	1	.	20
Occupational Health	.	.	.	.	.	1
Single-Specialty Group	.	2	.	1	4	14
School or College	.	.	.	1	.	.
Solo Practice	.	1	.	9	.	7
VA Clinic	.	.	.	.	.	1
Other	.	2	.	5	.	3

Setting	General Telemedicine - Count in Specialty Group					
	Emergency Medicine	Internal Medicine	Pathology	Psychiatry	Radiology	All Others
TOTAL	59	71	8	46	171	217
Community Health Center	.	1	.	.	.	.
Mental Health Center	.	.	.	2	.	.
Hospital Emergency Dept	31	1	.	2	2	1
Extended Care	.	3	.	.	.	.
Free Clinic	.	.	.	.	.	2
Hospital Inpatient Dept	.	5	.	1	.	6
Hospital (in & outpat)	.	10	.	.	16	5
Hospital Outpatient Dept	.	8	.	1	.	7
Laboratory	.	.	3	.	.	.
Multi-Specialty Group	3	7	.	3	7	25
Occupational Health	.	.	.	.	.	4
Single-Specialty Group	1	7	3	2	89	21
School or College	.	.	.	.	.	1
Solo Practice	1	1	1	5	8	7
VA Clinic	.	.	.	1	.	.
Urgent Care / Walk-in	1	1	.	.	.	1
Other	22	27	1	29	49	137

Each physician is counted in main specialty and setting, independently (Note 8). Reported settings may refer to provider setting or patient setting. This census occurred during the beginning of the Covid-19 pandemic, so it is possible that these increases from 2018 reflect temporary shifts to telemedicine.

General Telemedicine: The portion of the work of these physicians that is related to Vermont patients could not be determined, thus full-time equivalents (FTEs) are not computed, for telemedicine - as well as all radiologists and pathologists, since many of them work remotely.

Telemedicine to Specific Sites: Some physicians reported working a specific number of hours remotely providing care for a specific Vermont practice. They are counted where other telemedicine is not.

Table 42 -- VT Locum Tenens Physicians, 2020  
 Locum Tenens - Practice Setting by Specialty

Specialty Group	Number in Practice Setting					
	Office	Hospital Inpatient	Hospital E.D.	Hospital Outpatient	Health Clinic	All Others
TOTAL	6	6	7	13	3	7
PRIMARY CARE	1	.	.	3	2	.
Family Practice	1	.	.	.	2	.
Ob/Gyn	.	.	.	2	.	.
Pediatrics	.	.	.	1	.	.
SPECIALTY CARE	5	6	7	10	1	7
Anesthesiology	.	1	.	2	.	.
Emergency Medicine	.	.	6	.	.	1
Hospitalist	.	3	.	.	.	.
Internal Medicine	1	.	.	2	.	1
Psychiatry	.	2	.	.	1	1
Surgery: General	1	.	1	4	.	.
Surgery: Orthopedic	.	.	.	.	.	3
Urology	1	.	.	1	.	.
Other Specialties	2	.	.	1	.	1

This table only includes Locum Tenens physicians. They are excluded from other tables, except in this "special groups" section.

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

See Table 43 for a similar tabulation by FTEs rather than counts.

Table 43 -- VT Locum Tenens Physicians, 2020  
 Locum Tenens - FTEs by Practice Setting by Specialty

Specialty Group	FTEs in Practice Setting					
	Office	Hospital Inpatient	Hospital E.D.	Hospital Outpatient	Health Clinic	All Others
TOTAL	2.4	2.2	1.9	4.7	1.1	5.0
PRIMARY CARE	.7	.	.	1.0	.7	1.0
Family Practice	.7	.	.	.	.7	.
Internal Medicine	.	.	.	.	.	1.0
Ob/Gyn	.	.	.	.5	.	.
Pediatrics	.	.	.	.5	.	.
SPECIALTY CARE	1.7	2.2	1.9	3.7	.4	4.0
Anesthesiology	.	.2	.	1.0	.	.8
Emergency Medicine	.	.	1.9	.	.	<.05
Hospitalist	.	1.4	.	.	.	.6
Internal Medicine	.1	.	.	1.4	.	.4
Psychiatry	.	.6	.	.	.4	1.2
Surgery: General	1.0	.	<.05	1.2	.	.
Surgery: Orthopedic	.	.	.	.	.	.2
Urology	<.05	.	.	<.05	.	.
Other Specialties	.5	.1	.	.1	.	.8

This table only includes Locum Tenens physicians.  
 They are excluded from other tables, except in this "special groups" section.

All worksites of each physician are counted in this table (Note 4).  
 Pathologists, radiologists and telemedicine excluded (Note 3).

See Table 42 for a similar tabulation by counts rather than FTEs.

Table 44 -- VT Physicians, 2020  
Physicians providing patient care less than 4 hours/week  
FTEs by Practice Setting by Specialty

Specialty Group	FTEs in Practice Setting					
	Office	Hospital Inpatient	Hospital E.D.	Hospital Outpatient	Health Clinic	All Others
TOTAL	1.3	.7	.3	.4	<.05	1.8
PRIMARY CARE	.4	.	.	.	.	.4
Family Practice	.3	.	.	.	.	.3
Internal Medicine	<.05	.	.	.	.	.1
Ob/Gyn	<.05	.	.	.	.	.
Pediatrics	<.05	.	.	.	.	.
SPECIALTY CARE	1.0	.7	.3	.4	<.05	1.5
Anesthesiology	.1	.	.	.2	.	.
Dermatology	.1	.	.	.	.	.
Emergency Medicine	.1	.	.3	.	.	.4
Hospitalist	.	.3	.	.	.	.
Internal Medicine	.2	.1	.	.1	.	.2
Pediatrics	<.05	.	.	<.05	.	.
Neurology	.1	.	.	.	.	<.05
Ophthalmology	.1	.	.	.	.	.
Psychiatry	.2	.1	.	<.05	.	.4
Surgery: General	.	<.05	.	.	<.05	.
Surgery: Orthopedic	.1	.	<.05	.	.	.2
Surgery: Other	<.05	.	.	<.05	.	.
Urgent Care	.	.	.	.	.	.1
Other Specialties	.1	.1	.	.1	.	.3

This table includes the 142 physicians providing patient care < 4 hours/week and who are not Locum Tenens. They are also included in the other tables.

All worksites of each physician are counted in this table (Note 4).  
Pathologists, radiologists, and telemedicine excluded (Note 3).

# 2020 compared with 2018 and 2010

Table 45 -- VT Physicians, 2018 and 2020  
 Changes in Number of Physicians, Patient Care  
 Hours and Specialties, between 2018 and 2020

	2018	2020	Change	
TOTAL	2473	2633	+160	+6%
Medical Doctor (MD)	2339	2470	+131	+6%
Doctor of Osteopathy (DO)	134	163	+29	+22%
Main specialty:				
Primary Care Total	615	566	-49	-8%
Family Practice	291	278	-13	-4%
Primary Care Internal Medicine	142	127	-15	-11%
Obstetrics and Gynecology	72	63	-9	-13%
Pediatric Primary Care	110	98	-12	-11%
Specialty Care Total	1858	2067	+209	+11%
Anesthesiology	109	97	-12	-11%
Dermatology	27	39	+12	+44%
Emergency Medicine	195	248	+53	+27%
Hospitalist	119	128	+9	+8%
Internal Medicine Specialties	265	318	+53	+20%
Pediatrics	61	43	-18	-30%
Neurology	56	92	+36	+64%
Ophthalmology	50	38	-12	-24%
Pathology	95	68	-27	-28%
Psychiatry	191	222	+31	+16%
Radiology	265	248	-17	-6%
Surgery: General	59	64	+5	+8%
Surgery: Orthopedic	77	76	-1	-1%
Surgery: Other	33	35	+2	+6%
Urology	23	26	+3	+13%
Urgent Care	9	9	0	0%
Other Specialties	224	316	+92	+41%
Age groups:				
less than 35	132	138	+6	+5%
35 - 44	622	693	+71	+11%
45 - 54	655	731	+76	+12%
55 - 59	353	334	-19	-5%
60 - 64	368	327	-41	-11%
65 and older	343	410	+67	+20%
Gender:				
Male	1515	1546	+31	+2%
Female	957	1083	+126	+13%
Patient care hours: *				
40 or more hours/week	771	803	+32	+4%
30 to 39 hours/week	403	410	+7	+2%
less than 30 hours/week	782	711	-71	-9%

\* Excluding pathologists, radiologists and telemedicine.

Table 46 -- VT Physicians, 2018 vs. 2020  
 Numbers of Physicians, Full Time Equivalents (FTEs), and  
 Total Weekly Patient Care Hours, by County, in 2018 and in 2020

	2018			2020		
	Count FTEs Hours	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATE TOTAL	1952 1368.1 61436	627 435.9 18978	1386 932.1 42458	1922 1400.5 64048	584 426.3 18955	1397 974.2 45093
Addison County	90 51.4 2231	42 24.4 1038	50 26.9 1193	89 53.3 2305	40 23.5 961	52 29.8 1345
Bennington County	134 85.2 3832	44 30.5 1373	92 54.7 2459	130 86.7 3910	40 28.4 1363	91 58.3 2547
Caledonia County	78 45.2 2034	28 19.6 860	53 25.6 1174	79 47.9 2194	29 19.4 822	53 28.5 1372
Chittenden County	801 578.5 26031	213 142.5 6068	606 436.0 19963	845 621.4 28749	208 148.4 6492	656 473.0 22256
Essex County	4 1.6 77	3 1.3 67	1 .3 10	2 1.6 75	2 1.6 75	. . .
Franklin County	88 66.5 2986	33 29.6 1320	57 36.9 1666	84 64.6 2930	33 28.9 1353	52 35.8 1577
Grand Isle County	5 1.9 80	4 1.9 80	1 <.05 1	3 .9 39	2 .9 38	1 <.05 1
Lamoille County	54 36.3 1685	22 16.0 697	34 20.3 988	56 37.4 1682	23 14.5 612	37 22.9 1069
Orange County	63 36.7 1694	26 17.1 743	40 19.6 950	59 33.8 1523	24 15.7 717	37 18.1 806
Orleans County	61 40.7 1813	21 15.4 700	45 25.3 1114	53 36.2 1690	18 13.4 567	39 22.7 1122
Rutland County	167 115.4 5483	42 29.1 1403	129 86.3 4080	163 115.5 5460	40 31.4 1455	127 84.2 4005
Washington County	190 125.3 5531	56 41.2 1765	141 84.1 3766	198 129.3 5798	56 39.6 1836	149 89.7 3962
Windham County	177 88.9 3916	45 32.0 1353	136 56.9 2563	149 81.1 3609	41 30.4 1356	111 50.7 2253
Windsor County	177 93.8 4016	62 34.6 1485	119 59.2 2531	157 89.8 4052	47 30.1 1307	112 59.7 2744

In this table physicians may be counted more than once (Note 4).  
 Pathologists, radiologists, and telemedicine are excluded from this table (Note 3).

Table 47 -- VT Physicians, 2018 vs. 2020  
 Primary Care Physician Full Time Equivalentents (FTEs) and  
 Ratio to Population, by County, in 2018 and in 2020

County	2018			2020			Change in Ratio
	FTEs	Population	FTEs per 100,000 Population	FTEs	Population	FTEs per 100,000 Population	
STATEWIDE TOTAL	435.9	626,299	69.6	426.3	642,495	66.4	-3.3
Addison County	24.4	36,973	66.1	23.5	37,292	63.1	-3.0
Bennington County	30.5	35,631	85.5	28.4	37,271	76.3	-9.2
Caledonia County	19.6	30,302	64.7	19.4	30,184	64.2	-.4
Chittenden County	142.5	164,572	86.6	148.4	168,289	88.2	1.6
Essex County	1.3	6,250	21.6	1.6	5,910	27.3	5.8
Franklin County	29.6	49,421	59.9	28.9	49,996	57.7	-2.1
Grand Isle County	1.9	7,090	26.9	.9	7,278	12.1	-14.7
Lamoille County	16.0	25,300	63.4	14.5	25,914	56.0	-7.4
Orange County	17.1	28,999	59.1	15.7	29,259	53.8	-5.3
Orleans County	15.4	26,907	57.2	13.4	27,355	49.1	-8.1
Rutland County	29.1	58,672	49.6	31.4	60,455	51.9	2.3
Washington County	41.2	58,140	70.8	39.6	59,748	66.3	-4.5
Windham County	32.0	42,756	74.9	30.4	45,844	66.4	-8.5
Windsor County	34.6	55,286	62.7	30.1	57,700	52.2	-10.5

Only primary care physicians are included in this table.  
 An FTE is defined as 40 (or more) hours/week, 48 weeks/year.  
 The FTEs are rounded to 1 digits for display only.  
 The ratios were calculated using the unrounded values.

Table 48 -- Physicians who Discontinued their Vermont Practice  
between 2018 and 2020 -- Age by Specialty and by Gender

	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	425	21	82	85	64	76	97	41%
MALES	282	12	53	52	42	41	82	44%
FEMALES	142	9	29	33	22	34	15	35%
PRIMARY CARE	106	6	12	17	14	21	36	54%
Family Practice	41	1	2	4	8	11	15	63%
Internal Medicine	28	1	5	5	1	4	12	57%
Ob/Gyn	18	3	1	5	3	2	4	33%
Pediatrics	19	1	4	3	2	4	5	47%
SPECIALTY CARE	319	15	70	68	50	55	61	36%
Anesthesiology	31	4	4	9	8	4	2	19%
Dermatology	1	0	0	0	0	1	0	100%
Emergency Medicine	29	0	11	4	6	5	3	28%
Hospitalist	24	4	8	7	1	3	1	17%
Internal Medicine	35	1	10	7	3	5	9	40%
Pediatrics	9	1	2	1	0	2	3	56%
Neurology	7	0	4	0	1	0	2	29%
Ophthalmology	12	1	2	0	2	3	4	58%
Pathology	18	1	5	6	3	2	1	17%
Psychiatry	35	0	4	7	3	7	14	60%
Radiology	32	1	7	9	7	6	2	25%
Surgery: General	13	1	2	2	2	3	3	46%
Surgery: Orthopedic	16	0	3	4	3	1	5	38%
Surgery: Other	5	0	2	2	0	1	0	20%
Urology	6	0	2	1	1	1	1	33%
Urgent Care	4	0	0	1	2	0	1	25%
Other Specialties	42	1	4	8	8	11	10	50%
	Total	Percent in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	5%	19%	20%	15%	18%	23%	41%
MALES	100%	4%	19%	18%	15%	15%	29%	44%
FEMALES	100%	6%	20%	23%	15%	24%	11%	35%
PRIMARY CARE	100%	6%	11%	16%	13%	20%	34%	54%
SPECIALTY CARE	100%	5%	22%	21%	16%	17%	19%	36%

Telemedicine excluded.

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

Table 49 -- VT Physicians Active in 2020  
 who were Not Active in 2018  
 Age by Specialty and by Gender

	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	360	88	129	67	23	26	27	15%
MALES	207	49	68	36	14	19	21	19%
FEMALES	153	39	61	31	9	7	6	8%
PRIMARY CARE	65	21	22	15	3	1	3	6%
Family Practice	31	10	13	4	2	0	2	6%
Internal Medicine	16	5	3	6	1	1	0	6%
Ob/Gyn	9	3	3	3	0	0	0	0%
Pediatrics	9	3	3	2	0	0	1	11%
SPECIALTY CARE	295	67	107	52	20	25	24	17%
Anesthesiology	20	5	5	6	0	2	2	20%
Dermatology	3	2	1	0	0	0	0	0%
Emergency Medicine	46	6	20	11	5	1	3	9%
Hospitalist	31	12	8	3	3	4	1	16%
Internal Medicine	49	12	21	6	2	6	2	16%
Pediatrics	7	0	6	1	0	0	0	0%
Neurology	15	4	5	3	0	1	2	20%
Ophthalmology	2	1	0	0	1	0	0	0%
Pathology	11	1	3	2	1	2	2	36%
Psychiatry	28	9	10	3	1	1	4	18%
Radiology	18	3	7	2	0	4	2	33%
Surgery: General	17	4	5	5	2	0	1	6%
Surgery: Orthopedic	12	3	4	3	1	1	0	8%
Surgery: Other	6	1	4	0	0	1	0	17%
Urology	7	0	3	3	1	0	0	0%
Urgent Care	2	0	1	0	0	1	0	50%
Other Specialties	21	4	4	4	3	1	5	29%
	Total	Percent in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	24%	36%	19%	6%	7%	8%	15%
MALES	100%	24%	33%	17%	7%	9%	10%	19%
FEMALES	100%	25%	40%	20%	6%	5%	4%	8%
PRIMARY CARE	100%	32%	34%	23%	5%	2%	5%	6%
SPECIALTY CARE	100%	23%	36%	18%	7%	8%	8%	17%

Telemedicine excluded.

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

Table 50 -- Physicians who Discontinued their Vermont Practice  
between 2018 and 2020  
FTE by Age by Specialty and Gender

	Total	FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	211.3	14.3	46.9	39.9	34.5	40.2	35.6	36%
MALES	138.3	8.2	30.4	24.4	23.2	21.0	31.2	38%
FEMALES	72.0	6.1	16.5	15.5	11.3	18.2	4.4	31%
PRIMARY CARE	63.2	6.0	8.7	11.3	10.7	11.8	14.7	42%
Family Practice	24.8	1.0	1.7	3.4	6.3	5.5	6.9	50%
Internal Medicine	12.9	1.0	2.6	1.7	.8	3.0	3.8	53%
Ob/Gyn	14.0	3.0	1.0	3.6	2.5	1.1	2.8	28%
Pediatrics	11.4	1.0	3.4	2.6	1.1	2.1	1.2	29%
SPECIALTY CARE	148.1	8.3	38.2	28.6	23.8	28.4	20.8	33%
Anesthesiology	21.9	4.0	3.6	6.4	5.4	1.4	1.0	11%
Dermatology	1.0	.	.	.	.	1.0	.	100%
Emergency Medicine	12.2	.	4.3	.5	3.7	2.7	1.0	30%
Hospitalist	13.8	1.7	4.2	5.6	.5	1.5	.2	13%
Internal Medicine	18.3	1.0	7.1	3.6	1.1	2.7	2.8	30%
Pediatrics	3.8	.5	1.4	<.05	.	1.0	.9	50%
Neurology	5.3	.	2.7	.	.9	.	1.8	33%
Ophthalmology	7.1	1.0	1.1	.	1.0	2.5	1.6	57%
Psychiatry	18.1	.	3.0	4.4	2.5	3.1	5.2	46%
Surgery: General	7.8	.1	1.5	1.8	1.6	1.8	1.1	37%
Surgery: Orthopedic	4.5	.	1.0	.3	.9	1.2	1.1	52%
Surgery: Other	4.7	.	2.5	1.1	.	1.2	.	25%
Urology	3.5	.	2.0	.2	.4	1.0	<.05	28%
Urgent Care	2.4	.	.	1.0	1.1	.	.4	17%
Other Specialties	23.5	<.05	3.8	3.8	4.7	7.3	3.8	47%
	Total	% of total FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	7%	22%	19%	16%	19%	17%	36%
MALES	100%	6%	22%	18%	17%	15%	23%	38%
FEMALES	100%	8%	23%	21%	16%	25%	6%	31%
PRIMARY CARE	100%	9%	14%	18%	17%	19%	23%	42%
SPECIALTY CARE	100%	6%	26%	19%	16%	19%	14%	33%

See Note 1 for a description of the calculation of age.  
Pathologists, radiologists and telemedicine excluded (Note 3).

Table 51 -- VT Physicians Active in 2020  
 who were Not Active in 2018  
 FTE by Age by Specialty and Gender

	Total	FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	243.0	74.7	93.4	43.5	13.5	8.2	9.7	7%
MALES	130.9	39.3	44.7	24.0	8.9	5.6	8.5	11%
FEMALES	112.0	35.4	48.7	19.5	4.6	2.7	1.2	3%
PRIMARY CARE	50.7	17.2	19.8	11.3	1.9	.	.5	1%
Family Practice	24.3	8.4	11.3	3.3	.9	.	.4	2%
Internal Medicine	12.3	3.9	2.5	4.8	1.0	.	.1	0%
Ob/Gyn	8.5	3.0	3.1	2.4	.	.	.	0%
Pediatrics	5.6	1.9	2.9	.8	.	.	<.05	0%
SPECIALTY CARE	192.3	57.5	73.6	32.1	11.6	8.2	9.2	9%
Anesthesiology	15.7	5.0	5.0	4.0	.	1.0	.7	11%
Dermatology	2.6	1.8	.8	.	.	.	.	0%
Emergency Medicine	24.5	4.7	9.1	4.9	3.6	.2	2.0	9%
Hospitalist	24.6	10.8	7.0	2.2	2.1	2.5	.1	10%
Internal Medicine	37.0	10.2	19.0	3.2	1.0	2.4	1.2	10%
Pediatrics	4.8	.	3.7	1.1	.	.	.	0%
Neurology	12.2	4.0	4.3	2.8	.	.1	1.0	9%
Ophthalmology	1.6	1.0	.	.	.6	.	.	0%
Psychiatry	21.2	8.6	7.2	1.9	.1	1.0	2.4	16%
Surgery: General	14.6	3.7	4.7	4.8	1.4	.	<.05	0%
Surgery: Orthopedic	8.8	2.9	3.0	2.9	<.05	<.05	.	0%
Surgery: Other	5.8	1.3	3.1	.	.4	1.0	.	17%
Urology	5.7	.	2.1	2.6	1.0	.	.	0%
Urgent Care	1.1	.	1.0	.	.	.1	.	5%
Other Specialties	12.1	3.5	3.5	1.8	1.4	<.05	1.9	15%
	Total	% of total FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	31%	38%	18%	6%	3%	4%	7%
MALES	100%	30%	34%	18%	7%	4%	6%	11%
FEMALES	100%	32%	43%	17%	4%	2%	1%	3%
PRIMARY CARE	100%	34%	39%	22%	4%	.%	1%	1%
SPECIALTY CARE	100%	30%	38%	17%	6%	4%	5%	9%

See Note 1 for a description of the calculation of age.  
 Pathologists, radiologists, and telemedicine excluded from this table (Note 3).

Table 52 -- Physicians who Discontinued their Vermont Practice  
between 2018 and 2020  
Numbers of Physicians, Full Time Equivalents (FTEs),  
and Total Weekly Patient Care Hours, by County

Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL	365 203.5 9307	103 60.5 2655	263 143.0 6652
Addison County	17 7.3 291	6 2.2 88	11 5.1 203
Bennington County	31 15.5 678	8 4.8 212	23 10.6 466
Caledonia County	11 5.9 270	2 1.1 44	9 4.8 226
Chittenden County	102 62.8 2983	20 8.6 343	82 54.3 2640
Essex County	1 .2 7	1 .2 7	. . . .
Franklin County	18 12.5 563	9 7.7 337	9 4.8 225
Grand Isle County	3 1.0 42	2 1.0 41	1 <.05 1
Lamoille County	7 3.3 133	2 1.8 72	5 1.5 61
Orange County	17 7.3 352	6 3.8 203	11 3.5 149
Orleans County	20 10.2 420	2 1.5 66	18 8.8 354
Rutland County	22 11.1 548	6 2.4 117	16 8.7 431
Washington County	28 17.0 748	13 10.3 458	15 6.7 290
Windham County	50 23.4 1143	9 7.3 311	41 16.1 832
Windsor County	53 25.2 1064	16 7.2 330	38 18.0 734

In this table physicians may be counted more than once (Note 4).  
Pathologists, radiologists, and telemedicine are excluded (Note 3).

Table 53 -- VT Physicians Active in 2020  
 who were Not Active in 2018  
 Numbers of Physicians, Full Time Equivalents (FTEs),  
 and Total Weekly Patient Care Hours, by County

Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL	329 243.0 11545	66 50.7 2231	269 192.3 9314
Addison County	7 4.5 206	3 1.9 81	4 2.6 125
Bennington County	24 16.1 670	4 3.5 144	20 12.6 526
Caledonia County	14 10.0 468	3 3.0 134	11 7.0 334
Chittenden County	147 114.2 5753	21 14.2 647	127 99.9 5106
Essex County	.	.	.
Franklin County	18 13.3 591	8 6.1 276	10 7.2 315
Grand Isle County	.	.	.
Lamoille County	7 2.8 126	2 1.0 48	6 1.8 78
Orange County	14 6.8 279	5 3.2 131	10 3.7 147
Orleans County	10 4.8 301	2 1.2 57	8 3.6 245
Rutland County	15 11.3 483	4 3.9 166	11 7.3 318
Washington County	37 23.4 1085	9 7.0 311	30 16.4 774
Windham County	25 15.1 692	3 1.9 85	22 13.2 608
Windsor County	36 20.0 861	6 3.8 152	30 16.2 709

In this table physicians may be counted more than once (Note 4).  
 Pathologists, radiologists, and telemedicine are excluded (Note 3).

Table 54 -- VT Physicians by Length of Time Active in Vermont as of 2018, and Whether Still Active in Vermont in 2020

Tenure in VT as of 2018	Physicians Active in 2018	Still Active in VT in 2020	No Longer Active in VT in 2020
TOTAL	2126 (100%)	1701	425 ( 20%)
1-4 years	452 ( 21%)	339	113 ( 25%)
5-9 years	383 ( 18%)	310	73 ( 19%)
10-14 years	297 ( 14%)	257	40 ( 13%)
15-19 years	276 ( 13%)	240	36 ( 13%)
20-24 years	221 ( 10%)	186	35 ( 16%)
25-29 years	189 ( 9%)	150	39 ( 21%)
30+ years	298 ( 14%)	212	86 ( 29%)
unknown	10 ( 0%)	7	3 ( 30%)

Table 55 -- VT Primary Care Physicians by Length of Time Active in Vermont as of 2018, and Whether Still Active in Vermont in 2020

Tenure in VT as of 2018	PC Physicians Active in 2018	Still Active in VT in 2020	No Longer Active in VT in 2020
TOTAL	615 (100%)	509	106 ( 17%)
1-4 years	97 ( 16%)	79	18 ( 19%)
5-9 years	102 ( 17%)	85	17 ( 17%)
10-14 years	73 ( 12%)	68	5 ( 7%)
15-19 years	77 ( 13%)	69	8 ( 10%)
20-24 years	75 ( 12%)	58	17 ( 23%)
25-29 years	61 ( 10%)	52	9 ( 15%)
30+ years	130 ( 21%)	98	32 ( 25%)

Percentages in the 'Active in 2018' column are based on the 'TOTAL' row. Percentages in the 'No Longer Active' column are based on the 'Active in 2018' column.

Table 56 -- VT Physicians, 2010 and 2020  
 Changes in Number of Physicians, Patient Care  
 Hours and Specialties, between 2010 and 2020

	2010	2020	Change	
TOTAL	1877	2633	+756	+40%
Medical Doctor (MD)	1816	2470	+654	+36%
Doctor of Osteopathy (DO)	61	163	+102	+167%
Main specialty:				
Primary Care Total	628	566	-62	-10%
Family Practice	284	278	-6	-2%
Primary Care Internal Medicine	167	127	-40	-24%
Obstetrics and Gynecology	68	63	-5	-7%
Pediatric Primary Care	109	98	-11	-10%
Specialty Care Total	1249	2067	+818	+65%
Anesthesiology	93	97	+4	+4%
Emergency Medicine	113	248	+135	+119%
Hospitalist*	16	128	+112	+700%
Internal Medicine Specialties	227	318	+91	+40%
Pediatrics	39	43	+4	+10%
Neurology	37	92	+55	+149%
Ophthalmology	48	38	-10	-21%
Pathology	55	68	+13	+24%
Psychiatry	174	222	+48	+28%
Radiology	139	248	+109	+78%
Surgery: General	52	64	+12	+23%
Surgery: Orthopedic	76	76	0	0%
Surgery: Other	30	35	+5	+17%
Urology	24	26	+2	+8%
Other Specialties	126	364	+238	+189%
Age groups:				
less than 35	73	138	+65	+89%
35 - 44	444	693	+249	+56%
45 - 54	638	731	+93	+15%
55 - 59	325	334	+9	+3%
60 - 64	210	327	+117	+56%
65 and older	184	410	+226	+123%
Gender:				
Male	1266	1546	+280	+22%
Female	611	1083	+472	+77%
Patient care hours:**				
40 or more hours/week	911	803	-108	-12%
30 to 39 hours/week	287	410	+123	+43%
10 to 29 hours/week	338	477	+139	+41%
less than 10 hours/week	147	234	+87	+59%

\* 2010 was the first census year that hospitalists were included and determined

by a specialty question and not only a setting. See Appendix A.

\*\* Excluding pathologists, radiologists and telemedicine.

Table 57 -- VT Physicians, 2010 vs. 2020  
 Numbers of Physicians, Full Time Equivalents (FTEs), and  
 Total Weekly Patient Care Hours, by County, in 2010 and in 2020

	2010			2020		
	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL	TOTAL	PRIMARY CARE TOTAL
STATE TOTAL	1683 1335.8 61932	657 492.1 21898	1112 843.7 40035	1922 1400.5 64048	584 426.3 18955	1397 974.2 45093
Addison County	88 51.6 2236	39 29.1 1202	51 22.5 1033	89 53.3 2305	40 23.5 961	52 29.8 1345
Bennington County	122 91.5 4284	45 31.2 1582	82 60.4 2702	130 86.7 3910	40 28.4 1363	91 58.3 2547
Caledonia County	77 49.9 2172	31 22.2 931	53 27.6 1240	79 47.9 2194	29 19.4 822	53 28.5 1372
Chittenden County	667 529.6 25300	207 150.6 6617	486 379.1 18683	845 621.4 28749	208 148.4 6492	656 473.0 22256
Essex County	4 2.3 113	4 2.3 113	. . . .	2 1.6 75	2 1.6 75	. . . .
Franklin County	100 63.0 2932	39 30.7 1447	64 32.3 1485	84 64.6 2930	33 28.9 1353	52 35.8 1577
Grand Isle County	2 .5 21	2 .5 21	. . . .	3 .9 39	2 .9 38	1 <.05 1
Lamoille County	67 39.7 1852	25 18.2 842	45 21.5 1010	56 37.4 1682	23 14.5 612	37 22.9 1069
Orange County	65 38.9 1729	24 17.5 779	46 21.4 950	59 33.8 1523	24 15.7 717	37 18.1 806
Orleans County	58 41.1 1868	23 18.3 848	36 22.8 1020	53 36.2 1690	18 13.4 567	39 22.7 1122
Rutland County	151 111.0 5263	50 38.0 1681	106 72.9 3582	163 115.5 5460	40 31.4 1455	127 84.2 4005
Washington County	169 113.5 5136	59 48.5 2151	114 65.0 2985	198 129.3 5798	56 39.6 1836	149 89.7 3962
Windham County	145 96.0 4299	59 42.2 1885	94 53.9 2413	149 81.1 3609	41 30.4 1356	111 50.7 2253
Windsor County	183 107.1 4729	79 42.7 1798	114 64.3 2931	157 89.8 4052	47 30.1 1307	112 59.7 2744

In this table physicians may be counted more than once (Note 4).  
 Pathologists, radiologists, and telemedicine excluded (Note 3).

Table 58 -- VT Physicians, 2010 vs. 2020  
 Primary Care Physician Full Time Equivalentents (FTEs) and  
 Ratio to Population, by County, in 2010 and in 2020

County	2010			2020			Change in Ratio
	FTEs	Population	FTEs per 100,000 Population	FTEs	Population	FTEs per 100,000 Population	
STATEWIDE TOTAL	492.1	625,741	78.6	426.3	642,495	66.4	-12.3
Addison County	29.1	36,821	79.0	23.5	37,292	63.1	-15.9
Bennington County	31.2	37,125	83.9	28.4	37,271	76.3	-7.6
Caledonia County	22.2	31,227	71.2	19.4	30,184	64.2	-7.0
Chittenden County	150.6	156,545	96.2	148.4	168,289	88.2	-8.0
Essex County	2.3	6,306	36.9	1.6	5,910	27.3	-9.6
Franklin County	30.7	47,746	64.3	28.9	49,996	57.7	-6.6
Grand Isle County	.5	6,970	7.5	.9	7,278	12.1	4.7
Lamoille County	18.2	24,475	74.3	14.5	25,914	56.0	-18.3
Orange County	17.5	28,936	60.6	15.7	29,259	53.8	-6.8
Orleans County	18.3	27,231	67.3	13.4	27,355	49.1	-18.2
Rutland County	38.0	61,642	61.7	31.4	60,455	51.9	-9.8
Washington County	48.5	59,534	81.5	39.6	59,748	66.3	-15.2
Windham County	42.2	44,513	94.7	30.4	45,844	66.4	-28.4
Windsor County	42.7	56,670	75.4	30.1	57,700	52.2	-23.3

Only primary care physicians are included in this table.  
 An FTE is defined as 40 (or more) hours/week, 48 weeks/year.  
 The FTEs are rounded to 1 digits for display only.  
 The ratios were calculated using the unrounded values.

# Appendices

## Appendix A. General Notes and Terms

### Definition of Active Physician

A physician who was relicensed for the period 2020-2022 in Vermont, and who provided patient care hours in Vermont as reported in the survey. *Locum tenens* are excluded except where noted. (*Locum tenens* practitioners fill positions on a temporary basis when practitioners are on sabbatical, vacation, or absent for an extended period. Unlike in previous reports, in this report those who said they have worked in the same position more than a year are *not* considered *locum tenens*.)

### Physicians not represented in these tables

Only *active* physicians are reported. Those who hold a Vermont license but are not actively in practice in Vermont are excluded from all tables. Physicians who were licensed in Vermont for the first time in late 2020, and were not required to relicense at this time, are not included. Residents, clinical fellows, and research fellows are excluded from all tables. Pathologists, radiologists and telemedicine are excluded from tables that list hours or FTEs.

### Telemedicine

Some physicians provide services remotely from out of state to Vermont patients, and the portion of their work related to Vermont patients could not be determined. Therefore, hours are not reported, and full-time equivalents (FTEs) are not computed, for telemedicine - as well as *all* radiologists and pathologists, since many of them work remotely. Some physicians reported Vermont-specific telemedicine, meaning that they worked a specific number of hours on contract remotely providing care for a specific Vermont practice. They are counted where other telemedicine is not, since we could compute Vermont FTEs for them.

### Locum Tenens

*Locum tenens* practitioners fill positions on a temporary basis when practitioners are on sabbatical, vacation, or absent for an extended period. Work done on a *locum tenens* basis for less than a year is not counted in this report, other than in the tables on pages 59-63. Beginning with the 2018 report, those who reported working in the same *locum tenens* position for more than a year *are* counted. Some physicians worked partly as *locum tenens* and partly not - their non-*locum-tenens* work is reported here.

### Specialties

Physicians reported their specialties by picking from a predefined list (see Appendix D), although they could also write in a specialty if not in the list. For the purposes of these tables the detailed specialties were grouped in the following way:

#### Primary Care

- Family Practice includes general practice, family practice, and geriatric medicine. Family Practice in an urgent care setting was not considered primary care.
- Internal Medicine includes general internal medicine and geriatric internal medicine. Internal Medicine in a hospital setting was not considered primary care.
- Obstetrics and Gynecology (Ob/Gyn) includes physicians who reported a solely gynecological practice or a solely obstetrical practice, along with those who reported working in both obstetrics and gynecology.
- Pediatrics includes pediatric primary care as well as adolescent medicine.

## **Specialty Care**

- Anesthesiology
- Emergency Medicine
- Dermatology
- Hospitalist includes those who chose the hospitalist specialty (not by setting)
- Internal Medicine includes several internal medicine subspecialties
- Neurology
- Ophthalmology
- Pathology (excluded from tables reporting FTEs as noted)
- Psychiatry
- Radiology (excluded from tables reporting FTEs as noted)
- General Surgery
- Orthopedic Surgery
- Other Surgery includes most other surgical specialties, such as vascular surgery, abdominal surgery, colon and rectal surgery, neurological surgery, oral and maxillofacial surgery, pediatric surgery, surgical critical care, and thoracic surgery.
- Neurology
- Urgent Care
- Urology

Other Specialties includes all specific specialties that are not included in the specialty groups listed above. (In some tables where there is no room to list all the groups separately, the "other" category in those tables includes some of the groups listed separately above.)

## **Hospitalists**

Hospitalists provide general care to hospitalized inpatients. In the past Hospitalist was listed as a practice setting, but not as a specialty. Since the 2010 census "Hospitalist" was included in the list of specialties, and since the 2016 census it was no longer listed as a practice setting. A few physicians reported general practice or general internal medicine in a hospital inpatient setting, this may be similar to hospitalists but is counted separately.

## **Determination of a physician's main specialty**

A physician's "main" specialty is the specialty group in which the physician works the most hours. In case of a tie (equal hours in two specialties), the specialty group listed first in the above list is chosen. This has the effect of choosing primary care over specialty care, and more common specialties over the "other specialties" category, in case of a tie.

## **Hospital Care Areas**

Unlike reports prior to 2016, 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 F.

## **Local Health Districts**

The Local Health Districts are groups of towns whose residents receive services through the local District Office of the Vermont Department of Health. See Appendix G for a map of the Local Health Districts.

### Determination of a physician's main County (or other area)

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

### Definition of Full Time Equivalent (FTE)

Reported hours per week were prorated based on the number of work weeks per year. Full time is defined as 40 patient care hours per week or more, for 48 weeks per year. Reported hours per week were adjusted to an annual average, based on a standard of 48 weeks per year. E.g., if 52 weeks were reported, the hours were multiplied by 52/48. A physician reporting more than 40 (adjusted) hours per week is defined as *one* FTE regardless of the number of hours. See the following examples:

		<u>Weeks</u>	<u>Hours</u>	<u>FTE</u>
Example 1:	Specialty 1	48	10	0.25
	Specialty 2	48	10	0.25
	Total		20	0.50
Example 2:	Specialty 1	52	10	0.27
	Specialty 2	52	10	0.27
	Total		20	0.54
Example 3:	Specialty 1	48	40	0.80
	Specialty 2	24	20	0.20
	Total			1.00

In Example 1, the physician works half-time and has hours split equally between 2 specialties. The second example is similar except for the number of weeks being more than 48 so the FTEs are adjusted upwards. In Example 3 the physician provides an average of 40 hours per week year round (40 adjusted hours) in specialty 1, and another 20 hours of work in specialty 2 in each of only 24 weeks per year (10 adjusted hours). This is calculated as 1.0 FTE total for the person, apportioned between the two specialties by the adjusted hours.

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

### Tables displaying each physician in a single cell vs. multiple-count tables

Many of the tables contain information that is individual-based, and each physician 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 physicians in more than one row or column, e.g., in every county the physician 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 (to be referred to by number)**

### **1. Calculation of Age**

Ages were calculated as 2020 minus the year of birth, i.e., as of 12/31/2020. Tables that refer to physicians' age in 2018 are based on ages as of 12/31/2018.

### **2. “Main” Specialty And “Main” County (Or Other Geographical Area) Determined Independently**

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

### **3. Table Excludes Pathologists, Radiologists and Telemedicine**

Pathology and radiology specialties are excluded from this table. We are no longer able to determine total radiology FTEs because much of the radiology work is now done remotely by out-of-state radiologists, and the portion of their total time spent on Vermont patients is unknown. Hours in active pathology practice are not part of our definition of direct patient care. Moreover, some of the pathology work is done via telemedicine. Thus pathologists are not included in any table quantifying patient care as FTEs.

### **4. Notes Regarding Tables Listing Provider Full Time Equivalent (FTE) And Hours By Area (e.g., County), or by Setting:**

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

Because of this inclusive approach taken in tallying providers across practice locations and specialties, 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 state totals which sum the county-level counts, and the “Total” of combined specialties. Unlike the totals for the counts of providers, however, the numbers listed in the “Total” rows and “Total” columns for the “FTE” and “Hours” statistics *do* equal the sums of the individual items (except for rounding errors).

See also Note 15 regarding the calculation of weekly hours and FTEs.

(notes 5 and 6 skipped intentionally)

7. **Population Estimates**

The population estimates used in this report are from the Census Bureau, with the “2020” populations as estimated for July, 2020.

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

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

(note 9 skipped intentionally)

10. **Notes Regarding Availability of Care**

The survey queried physicians on whether they accept new patients, and whether they participate in Medicaid and Medicare, separately for each site where they practice.

In the first table depicting availability of care by specialty, each provider is counted once, in his or her main specialty. A provider is counted as accepting new patients if they accept new patients at any site, and as participating in Medicaid or Medicare if they participate at any site.

In the second table, depicting FTEs, availability of care by specialty, each site of each provider is counted, pro-rated by the fractional FTEs computed for each site.

In the table depicting availability of care by county, the unit of counting is neither the provider nor the site, but rather the provider - site association. More than one response per provider is tabulated if that provider reported working at more than one site. Each site of each provider is tabulated under the (main) specialty reported for that site, whether or not that is the provider’s overall main specialty.

The following specialties are excluded from the “accept Medicare patients” statistic (both numerator and denominator): all pediatric specialties and subspecialties (including adolescent medicine), maternal and fetal medicine, reproductive endocrinology, child neurology and child and adolescent psychiatry.

11. **Office Settings Only**

Only ambulatory and office-based settings are counted in this table. For 2020 the following settings are included: Solo practice, group practice (single- or multi-specialty), community clinic (including mental health agencies), home health, and hospital outpatient including those who indicated both inpatient and outpatient work. This is not exactly comparable to previous surveys, as the list of settings has changed. These differences did not seem to make a large difference in the computed percentages accepting new patients.

12. **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

13. **Residency by Region**

As in 2016 and 2018, and unlike years prior to 2014, the 2020 census only asked about one residency for each physician. Therefore, the percentages for all the regions within a row should not add up to more than 100. Information on multiple residencies is absent, though.

14. **Determining UVM Training**

In a few cases residency information is available, or school information is available, but not both. These cases are **included** in the last section of the table (“Doctors with *Any Known Training*”) along with the doctors for whom both school and residency information are known.

15. **Patient Care Hours**

"Full Time" is defined here as 40 (or more) hours of direct patient care per week in Vermont, 48 weeks per year. Average weekly hours (and FTEs), based on 48 weeks per year, were computed for providers 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 providers provide additional care (not listed here): outside Vermont, or as *locum tenens*, or do other types of work besides direct patient care, e.g., administration, teaching or research.

## Appendix C:

# 2020 Physician census

### Identification

- 1) First Name\* \_\_\_\_\_
- 2) Middle Name (if any) \_\_\_\_\_
- 3) Last Name\* \_\_\_\_\_
- 4) Vermont Physician 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
- Black or African American
- White
- Asian
- Native Hawaiian or other Pacific Islander
- Prefer not to answer
- Other - please specify: \_\_\_\_\_\*
- 8) Are you Hispanic, Latino/a, or of Spanish origin?
- Yes  No  Prefer not to answer

### Training

- 9) Please enter the two letter code for the state where you completed your Medical (MD or DO) education: \_\_\_\_\_
- 10) If completed outside the U.S. or Canada, please specify country: \_\_\_\_\_
- 11) Please enter the two letter code for the state where you completed your first residency, if any: \_\_\_\_\_

### Year of Practice Start

- 12) What YEAR did you start practicing as a Physician (or resident)? (if never, leave blank) \_\_\_\_\_
- 13) What YEAR did you start practicing as a Physician in Vermont? (if never, leave blank) \_\_\_\_\_

### Activity Status

- 14) Please check all of the boxes that describe your practice as a Physician:\*
- Active in clinical practice in Vermont
- Active in clinical practice outside Vermont
- Active in clinical practice via telemedicine
- Practicing medicine, but not providing direct patient care
- Actively working in a field other than medicine
- Not currently working
- Retired

### If not active

**16) How many years has it been since you provided clinical or patient care?**

- less than 2 years
- 2 to 5 years
- 5 to 10 years
- more than 10 years
- I have never provided clinical or patient care

**17) Do you plan to start (or resume) clinical practice in Vermont within the next 12 months?**  yes  no

[skips to end of census]

## **If currently active**

**18) Do you plan to retire, or leave your principal Vermont clinical practice, within the next 12 months?**  yes  no

**19) Do you plan to reduce your patient care hours in Vermont within the next 12 months?**  yes  no

**20) As a result of the pandemic, the total number of hours you spend in practice (clinical and administrative) has on average:**

- Increased
- Decreased
- Stayed about the same

**21) As a result of the pandemic, the total number of patients you see in a day on average has:**

- Increased
- Decreased
- Stayed about the same
- I do not see patients

**22) As a result of the pandemic, the percentage of patients who you treat using telemedicine has:**

- Increased
- Decreased
- Stayed about the same
- I do not offer telemedicine

**23) If the percentage of patients you treat using telemedicine has increased, do you project that the change will continue after the pandemic response is over?**

- Yes
- No
- Too soon to tell

## **First Vermont practice site**

**24) Please choose the best description of your practice at this site:\***

- I offer in-office or telemedicine visits to patients of this specific Vermont practice
- I practice telemedicine from this Vermont site, patients may be anywhere
- I practice telemedicine from outside Vermont, some patients are in Vermont

**25) Vermont town name (not a mailing address):\*** \_\_\_\_\_

**26) ZIP code of practice location (not a mailing address):\*** \_\_\_\_\_

**27) Phone number of this practice location (the public access number):\*** \_\_\_\_\_

**28) Practice name:** \_\_\_\_\_

**29) Street Address:** \_\_\_\_\_

**30) Who owns this practice?**

- University of Vermont Health Network
- Dartmouth-Hitchcock Health
- Other hospital owned, not affiliated with above
- Federally Qualified Health Center
- CMS Certified Rural Health Clinic

- Physician owned – single site
- Physician owned – multiple sites
- Other - please specify:  
\_\_\_\_\_\*

**31) Choose the ONE description that best fits your practice setting at this site:\***

- Office-based solo physician practice
- Office-based single-specialty physician group
- Office-based multi-specialty physician group
- Hospital emergency department
- Hospital inpatient department
- Hospital outpatient department
- Hospital in- and out-patient
- Urgent Care / Walk in
- Federal / community health center (FQHC/RHC/CHC)
- Community Mental Health Center
- Home health setting
- Nursing home / extended care facility
- Hospice care
- Clinic serving a School or college
- Occupational health setting
- Free Clinic
- Other - please specify \*: \_\_\_\_\_\*

**32) Do you work here as locum tenens, on a contract that is for less than a year? (A locum tenens is an employee contracted through a staffing firm or is a self-employed contractor)     yes     no**

[If answer to 32 is yes]

**Have you been working here for more than a year now?  yes     no**

[Note was placed before these questions – “If you are currently working less (or more), or not at all, due to the pandemic, please describe your weeks and hours of patient care as they were before the pandemic.”]

**33) Enter the number of weeks per year during which you provide any direct patient care here: (48 weeks per year is considered "year-round".)\* \_\_\_\_\_**

**34) Main specialty you actually practice at this site:**

**35) If you selected "Other specialties, Not listed", please describe: \_\_\_\_\_**

**36) Hours per working week in direct patient care in main specialty here: (Direct patient care includes diagnosis, treatment and clinical reporting.)\* \_\_\_\_\_**

**37) Secondary specialty you actually practice at this site, if any:**

**38) If you selected "Other specialties, Not listed", please describe: \_\_\_\_\_**

**39) Hours per working week here in direct patient care in secondary specialty, if any: \_\_\_\_\_**

**40) Tertiary specialty you actually practice at this site:**

**41) Hours per working week in direct patient care in tertiary specialty, if any: \_\_\_\_\_**

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

	yes	no	n.a.
I will accept new patients here	( )	( )	( )
I participate in Medicaid here	( )	( )	( )
I will accept new Medicaid patients here	( )	( )	( )
I participate in Medicare here	( )	( )	( )
I will accept new Medicare patients here	( )	( )	( )

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

### Second practice site

**44) Do you have more than one practice site in Vermont?** ( ) yes ( ) no

[If yes, same questions as for Site 1]

---

### Third practice site

**65) Do you have more than two practice sites in Vermont?** ( ) yes ( ) no

[If yes, same questions as for Site 1]

---

### Additional Vermont practice sites

**86) Do you have more than three practice sites in Vermont?** ( ) yes ( ) no

**87) Please describe your work at additional sites beyond the three you entered above, briefly, including locations, specialties and hours:** \_\_\_\_\_

---

### Final comments

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

**89) If you want to be sent an email confirming this census entry, please enter your email address here (optional):** \_\_\_\_\_

**Appendix D:****SPECIALTY CODES****(primary care specialties in boldface)****(note: codes are not in numerical order, please check them carefully)**

0101 Allergy and Immunology	0801 Medical Genetics
4005 Allergy	0802 Clinical Biochemical Genetics
4015 Immunology	0804 Clinical Cytogenetics
0102 Clinical & Laboratory Immunology	0805 Clinical Genetics (MD)
4025 Pediatric Allergy	0806 Clinical Molecular Genetics
	0807 Molecular Genetics Pathology
0201 Anesthesiology	0901 Neurological Surgery
0202 Critical Care Medicine (Anesth.)	1001 Nuclear Medicine
0203 Pain Management	
0301 Colon & Rectal Surgery	1101 Obstetrics & Gynecology
	4011 Gynecology
0401 Dermatology	4020 Obstetrics
0404 Dermatological Immunology	1102 Critical Care Medicine (OBGYN)
0402 Dermatopathology	1103 Gynecologic Oncology
0405 Pediatric Dermatology	1104 Maternal & Fetal Medicine
	1105 Reproductive Endocrinology
0501 Emergency Medicine	1201 Ophthalmology
0502 Medical Toxicology	4026 Pediatric Ophthalmology
0503 Pediatric Emergency Medicine	
0504 Sports Medicine (EM)	1301 Orthopaedic Surgery
0505 Underseas Medicine (EM)	4004 Adult Reconstructive Orthopedics
	1302 Hand Surgery
0601 Family Practice	4022 Orthopedic Surgery Of The Spine
0604 Adolescent Medicine (FP)	4023 Orthopedic Trauma
0602 Geriatric Medicine (FP)	4027 Pediatric Orthopedics
0603 Sports Medicine (FP)	4032 Sports Medicine (Ortho Surg)
	4033 Traumatic Surgery
4010 General Practice	
	1401 Otolaryngology
0701 Internal Medicine (primary care)	1402 Otology/Neurotology
0702 Adolescent Medicine (IM)	1403 Pediatric Otolaryngology
0703 Clinical Cardiac Electrophysiology	1404 Plastic Surgery Within the Head and Neck
0704 Cardiovascular Disease	1405 Sleep Medicine (otolaryng.)
0706 Clinical & Laboratory Immunology	
0705 Critical Care Medicine (IM)	1500 Pathology
0707 Endocrinology Diabetes & Metabolism	1501 Anatomic & Clinical Pathology
0708 Gastroenterology	1502 Anatomic Pathology
0709 Geriatric Medicine (IM)	1503 Clinical Pathology
0710 Hematology	1504 Blood Banking/Transfusion Medicine
0711 Infectious Disease	1505 Chemical Pathology
0717 Interventional Cardiology	1506 Cytopathology
0712 Medical Oncology	1507 Dermatopathology
0713 Nephrology	1508 Forensic Pathology
0714 Pulmonary Disease	1509 Hematology
0715 Rheumatology	1511 Medical Microbiology
0718 Sleep Medicine (IM)	1514 Molecular Genetic Pathology
0716 Sports Medicine (IM)	1512 Neuropathology
0719 Transplant Hepatology (IM)	1513 Pediatric Pathology
	4031 Radioisotopic Pathology

**CODES CONTINUED ON BACK**

# **SPECIALTY CODES**

(continued)

(primary care specialties in boldface)

1601	Pediatrics	2010	Pain Medicine (neurology)
1602	Adolescent Medicine	4030	Psychoanalysis
1603	Clinical & Laboratory Immunology	2011	Psychosomatic Medicine
1622	Child Abuse Medicine	2012	Sleep Medicine (psy/neuro)
1618	Developmental-Behavioral Pediatrics	2013	Vascular Neurology
1604	Medical Toxicology		
1605	Neonatal-Perinatal Medicine	2101	Radiology
1619	Neurodevelopmental Disabilities (peds)	2102	Diagnostic Radiology
1606	Pediatric Cardiology	2103	Radiation Oncology
1607	Pediatric Critical Care Medicine	2104	Radiological Physics
1608	Pediatric Emergency Medicine	4018	Neuroradiology
1609	Pediatric Endocrinology	2105	Nuclear Radiology
1610	Pediatric Gastroenterology	2106	Pediatric Radiology
1611	Pediatric Hematology-Oncology	2107	Vascular & Interventional Radiology
1612	Pediatric Infectious Disease		
1613	Pediatric Nephrology	2201	Surgery
1614	Pediatric Pulmonology	4001	Abdominal Surgery
1615	Pediatric Rheumatology	4006	Cardiovascular Surgery
1616	Pediatric Sports Medicine	4012	Head & Neck Surgery
1617	Children With Special Health Needs	4021	Oral & Maxillofacial Surgery
1620	Pediatric Transplant Hepatology	2203	Pediatric Surgery
1621	Sleep Medicine (peds)	2202	Surgery Of The Hand
		2204	Surgical Critical Care
1701	Physical Medicine & Rehabilitation	2205	Vascular Surgery
1702	Pain Medicine (phys med)		
1703	Pediatric Rehabilitation Medicine	2301	Thoracic Surgery
1704	Spinal Cord Injury Medicine		
		2401	Urology
1801	Plastic Surgery	4029	Pediatric Urology
1802	Hand Surgery		
1803	Plastic Surgery Within the Head and Neck	3201	General Osteopathic Medicine
1901	Preventive Medicine		Misc. Specialties – not board names:
1902	Aerospace Medicine	4002	Acupuncture
1903	Occupational Medicine	4003	Addiction Medicine
1904	Public Health & General Preventive	4007	Clinical Pharmacology
1905	Medical Toxicology	4013	Hepatology
1906	Underseas Medicine (PM)	4014	Homeopathic Medicine
		4040	Hospitalist
Psychiatry & Neurology		4016	Legal Medicine
(board name - not a specialty)		4017	Musculoskeletal Oncology
2001	Psychiatry	4019	Nutrition
2002	Neurology	4024	Pain Medicine
2003	Neurology With Special Qualifications In Child Neurology	4035	Phlebology
2004	Addiction Psychiatry	4036	Palliative Care
2005	Child & Adolescent Psychiatry	4034	Sleep Medicine
2008	Clinical Neurophysiology		
2006	Forensic Psychiatry	9999	Other - Please Specify
2007	Geriatric Psychiatry		
2009	Neurodevelopmental Disabilities		

**CODES CONTINUED ON FRONT**

rev. 2/2011



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



Appendix G: Local Health Districts

