

Vermont Department of Health  
**2010 Physician Survey**  
**Statistical Report**



# 2010 Physician Survey

## Statistical Report

State of Vermont  
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Agency of Human Services  
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Department of Health  
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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 our survey.

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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 2010; 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) who renewed their license as of late 2010. A survey was included with the relicensing renewal form sent by the Vermont Board of Medical Practice in the fall of 2010. A copy of this survey is included in this report as Appendix C. Follow-up mailings and phone calls were made to those physicians residing in Vermont, or a neighboring state, who did not return the survey or did not answer critical questions.

A separate board licenses Doctors of Osteopathy (DO). Survey forms were mailed in the fall of 2010 to DOs who had renewed their license as of Sep. 30 2010. Follow-up by telephone was conducted as needed. Data from the DO survey were combined with the MD survey 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 2010 survey to previous surveys are included in this report. Similar data are collected from other health professionals. Results from these surveys are available on the Department of Health web site at <http://healthvermont.gov/research> under "Health Care Provider Surveys".

### Limitations

Information was obtained from or about almost all potentially active physicians who renewed their license by January 2011. Two physicians refused to provide data, and 4 physicians thought to be active could not be reached. Physicians who were in residency or fellowship training at the time are not included in this report. Work done on a *locum tenens* basis is not counted here; this excludes 108 physicians. Another 22 physicians worked partly as *locum tenens* and partly not - their non-*locum-tenens* work is reported here. (*Locum tenens* practitioners fill positions on a temporary basis when practitioners are on sabbatical, vacation, or absent for an extended period.) Physicians who worked partly in Vermont and partly elsewhere are reported here, but only their Vermont work is reported. Some physicians, notably many radiologists and some pathologists, provide services remotely from out of state to Vermont patients. They are counted in this report in the "tele-medicine" practice setting, but since the portion of their work related to Vermont patients could not be determined, radiologists' and pathologists' hours are not reported, and full-time equivalents (FTEs) are not computed.

The surveys 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 the 2008 survey, the missing data were replaced with information from the 2008 survey. In all other cases follow-up was conducted by phone.

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 survey or the report, at the Department of Health, Public Health Statistics, P.O. Box 70, Burlington, VT 05402, tel. (802) 863-7300.

## Summary of Active Physicians, 2010

- ◆ This report includes data reported by 1877 physicians providing patient care in Vermont. This includes 1816 Medical Doctors and 61 Doctors of Osteopathy. Residents and fellows are excluded from this report.
- ◆ 628 physicians provide mainly primary care, and 657 physicians provide any primary care, corresponding to 492.1 Full Time Equivalents (FTEs).
- ◆ 1249 physicians provide mainly specialty care. Excluding radiologists and pathologists, 1113 physicians provide any specialty care, corresponding to 843.7 FTEs.
- ◆ 21% of primary care physicians are over age 60, as compared with 19% in 2008, 15% in 2006, and 9% in 2002. This includes 26% of primary care internists and 22% of OB/GYN.
- ◆ In half the counties, 25% or more of the primary care physicians are over age 60: Grand Isle County (100%), Lamoille County (35%), Orleans County (30%), Windham County (29%), Caledonia County (27%), Orange County (26%) and Windsor County (25%).
- ◆ 21% of specialists are over age 60. This includes 37% of psychiatrists, 32% of neurologists, and 31% of ophthalmologists.
- ◆ The utilization of hospitalists continued to grow, providing mainly internal medicine and psychiatry. At the same time, fewer physicians report working in an office setting that includes following some patients while they are in the hospital.
- ◆ There has been a further increase in the prevalence of tele-medicine, mostly in radiology, where physicians (many outside Vermont) provide services to patients remotely.
- ◆ 83% of primary care physicians (in office settings) accept new patients, but only 72% accept new Medicaid patients and 69% accept new Medicare patients.
- ◆ 611 or 33% of Vermont physicians, and 46% of primary care physicians, are women. In 1996 22% of Vermont physicians, and 28% of primary care physicians, were women.
- ◆ 660 or 35% of Vermont's physicians have attended the University of Vermont's College of Medicine and/or have completed a residency or fellowship there. 359 (19%) are graduates of the College of Medicine, and 470 (25%) did a residency or fellowship there.
- ◆ Vermont saw a net decrease of 6 primary care physicians, and a drop of 6.1 primary care FTEs, between 2008 and 2010. On the other hand there was an increase of 50 specialty care physicians, and 25.6 FTEs, between 2008 and 2010.
- ◆ Within primary care, the FTEs of pediatricians increased between 2008 and 2010, while the FTEs of internal medicine and OB/GYN practitioners decreased. Family practitioners increased in numbers but decreased slightly in FTEs.
- ◆ The statewide ratio of primary care physician FTEs to population decreased between 2008 and 2010, with the largest decreases in Addison, Windsor, Grand Isle and Orleans Counties. The largest increases seen were in Essex, Franklin and Washington Counties.
- ◆ See the next page for a fuller comparison of data over the years 1996-2010.

## Comparison of Selected Physician Data, 1996-2010

	1996	1998	2000	2002	2004	2006	2008	2010
Total active * physicians	1384	1410	1480	1565	1612	1730	1833	1877
Percent female	22%	24%	26%	28%	29%	29%	31%	33%
Primary care physicians	535	554	585	628	634	640	634	628
Family Practice	227	234	258	259	280	291	279	284
Internal Medicine ^	155	158	164	198	177	174	175	167
Ob/Gyn	63	62	64	68	70	67	75	68
Pediatric Primary Care	90	100	99	103	107	108	105	109
% over age 60	13%	11%	9%	9%	12%	15%	19%	21%
% accept new patients @	91%	87%	80%	83%	81%	82%	80%	83%
accept new Medicaid patients	86%	82%	73%	75%	70%	68%	69%	72%
accept new Medicare patients	87%	82%	74%	78%	71%	72%	69%	69%
Specialist physicians	849	856	895	937	978	1090	1199	1249
Anesthesiology	60	58	59	73	78	79	97	93
Emergency Medicine	81	82	76	86	84	96	108	113
Internal Medicine ^	124	124	138	128	157	183	217	227
Pathology #	42	43	42	44	47	56	53	55
Psychiatry	152	142	154	146	160	169	172	174
Radiology #	61	66	72	83	71	106	129	139
General Surgery	50	38	42	51	46	49	50	52
Orthopedic Surgery	50	53	55	60	57	65	72	76
Other Surgery	24	30	37	32	36	39	40	30
Other Specialties	205	220	220	234	242	248	261	290
Primary care physician FTEs &	438.2	450.3	472.2	492.9	478.7	503.6	498.2	492.1
Family Practice	180.6	190.7	211.5	206.2	215.9	229.9	223.9	222.9
Internal Medicine ^	126.9	126.9	128.5	145.5	124.5	129.7	126.5	120.7
Ob/Gyn	55.1	51.8	53.3	59.1	58.3	59.1	62.5	59.1
Pediatric Primary Care	75.7	80.9	78.8	82.2	79.9	84.9	85.3	89.3
FTEs/100,000 population **	73.4	75.0	77.6	80.1	77.0	80.7	80.2	78.6
% of FTEs in Chittenden Co.	30%	29%	28%	29%	29%	30%	30%	31%
Specialist physician FTEs # &	573.2	596.4	621.3	657.5	656.1	736.0	818.1	843.7
Anesthesiology	56.4	56.3	56.4	69.1	67.7	72.7	85.5	85.7
Emergency Medicine	56.5	63.0	57.0	60.6	59.6	73.1	80.7	84.2
Internal Medicine ^	89.4	90.5	104.6	96.8	118.0	139.0	172.8	177.9
Ophthalmology	32.6	36.7	36.7	39.4	35.7	34.0	35.3	36.2
Psychiatry	104.1	110.6	117.5	115.7	118.8	126.2	129.9	130.3
General Surgery	41.6	33.6	36.0	43.4	36.4	42.8	46.7	44.6
Orthopedic Surgery	46.7	48.8	49.9	50.0	49.0	51.5	59.6	59.7
Other Surgery	24.2	29.9	32.8	29.0	29.2	33.8	33.2	28.5
Other Specialties #	121.7	127.1	130.3	153.5	141.8	162.9	174.4	196.6
% of FTEs in Chittenden Co.	42%	43%	43%	44%	46%	46%	45%	45%

\* providing patient care in Vermont

\*\* population estimates for 1994-1998 revised after 2000 census – see Note 7

^ some internists counted as primary care in 2002 were probably specialists

@ % of physicians not sites, '02 not comparable with other years – see Notes 10 and 11

# FTEs not computed for pathology and radiology due to increasing “tele-medicine”

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

# Vermont Physicians Demographics and Training



Table 1 -- VT Physicians, 2010  
Summary of Active Physicians

TOTAL	1877	
Medical Doctor (MD)	1816	( 97%)
Doctor of Osteopathy (DO)	61	( 3%)
Main specialty:		
Primary Care Total	628	( 33%)
Family Practice	284	( 15%)
Primary Care Internal Medicine	167	( 9%)
Obstetrics and Gynecology	68	( 4%)
Pediatrics	109	( 6%)
Specialty Care Total	1249	( 67%)
Anesthesiology	93	( 5%)
Emergency Medicine	113	( 6%)
Internal Medicine Specialties	227	( 12%)
Neurology	37	( 2%)
Ophthalmology	48	( 3%)
Pathology	55	( 3%)
Psychiatry	174	( 9%)
Radiology	139	( 7%)
Surgery: General	52	( 3%)
Surgery: Orthopedic	76	( 4%)
Surgery: Other	30	( 2%)
Urology	24	( 1%)
Other Specialties	181	( 10%)
Age groups:		
less than 35	73	( 4%)
35 - 44	444	( 24%)
45 - 54	638	( 34%)
55 - 59	325	( 17%)
60 - 64	210	( 11%)
65 and up	184	( 10%)
unknown	3	
Gender:		
Male	1266	( 67%)
Female	611	( 33%)
Number of practice sites:		
One	1463	( 78%)
Two	323	( 17%)
Three or more	91	( 5%)
Patient care hours: *		
40 or more hours/week	911	( 54%)
30 to 39 hours/week	287	( 17%)
less than 30 hours/week	485	( 29%)

\* Excluding pathologists and radiologists (see Note 3)

Table 2 -- VT Physicians, 2010  
Age by Specialty and by Gender

	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	1877	73	444	638	325	210	184	21%
MALES	1266	32	242	413	235	173	170	27%
FEMALES	611	41	202	225	90	37	14	8%
PRIMARY CARE	628	31	138	216	112	76	55	21%
Family Practice	284	15	61	102	54	27	25	18%
Internal Medicine	167	2	32	54	36	21	22	26%
Ob/Gyn	68	6	16	23	8	12	3	22%
Pediatrics	109	8	29	37	14	16	5	19%
SPECIALTY CARE	1249	42	306	422	213	134	129	21%
Anesthesiology	93	3	28	41	13	5	3	9%
Emergency Medicine	113	4	29	44	22	9	4	12%
Internal Medicine	227	6	64	77	37	20	21	18%
Neurology	37	2	8	10	5	5	7	32%
Ophthalmology	48	2	13	8	10	3	12	31%
Pathology	55	0	16	16	11	5	7	22%
Psychiatry	174	7	25	43	35	31	33	37%
Radiology	139	2	39	54	21	16	7	17%
Surgery: General	52	0	11	19	9	8	5	25%
Surgery: Orthopedic	76	2	20	24	14	9	7	21%
Surgery: Other	30	1	6	15	4	1	3	13%
Urology	24	0	7	11	2	3	1	17%
Other Specialties	181	13	40	60	30	19	19	21%
	Total	Percent in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	4%	24%	34%	17%	11%	10%	21%
MALES	100%	3%	19%	33%	19%	14%	13%	27%
FEMALES	100%	7%	33%	37%	15%	6%	2%	8%
PRIMARY CARE	100%	5%	22%	34%	18%	12%	9%	21%
SPECIALTY CARE	100%	3%	25%	34%	17%	11%	10%	21%

The 'Total' column includes 3 physicians with unknown ages.  
See Note 1 for a description of the calculation of age.



Table 3 -- VT Physicians, 2010  
Age by Specialty for Each Gender

Specialty	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	1877	73	444	638	325	210	184	21%
MALES	1266	32	242	413	235	173	170	27%
PRIMARY CARE	341	11	46	104	68	62	50	33%
Family Practice	165	6	25	51	37	22	24	28%
Internal Medicine	107	.	12	34	23	18	20	36%
Ob/Gyn	28	2	4	6	4	10	2	43%
Pediatrics	41	3	5	13	4	12	4	39%
SPECIALTY CARE	925	21	196	309	167	111	120	25%
Anesthesiology	67	1	16	32	12	3	3	9%
Emergency Medicine	93	2	23	36	20	8	4	13%
Internal Medicine	164	4	37	55	28	18	21	24%
Neurology	29	1	5	7	4	5	7	41%
Ophthalmology	39	1	9	6	9	2	12	36%
Pathology	39	.	8	10	11	4	6	26%
Psychiatry	106	2	13	22	17	24	28	49%
Radiology	108	2	28	42	16	13	7	19%
Surgery: General	46	.	9	15	9	8	5	28%
Surgery: Orthopedic	65	2	14	19	14	9	7	25%
Surgery: Other	27	1	4	15	3	1	3	15%
Urology	22	.	7	9	2	3	1	18%
Other Specialties	120	5	23	41	22	13	16	24%
FEMALES	611	41	202	225	90	37	14	8%
PRIMARY CARE	287	20	92	112	44	14	5	7%
Family Practice	119	9	36	51	17	5	1	5%
Internal Medicine	60	2	20	20	13	3	2	8%
Ob/Gyn	40	4	12	17	4	2	1	8%
Pediatrics	68	5	24	24	10	4	1	7%
SPECIALTY CARE	324	21	110	113	46	23	9	10%
Anesthesiology	26	2	12	9	1	2	.	8%
Emergency Medicine	20	2	6	8	2	1	.	5%
Internal Medicine	63	2	27	22	9	2	.	3%
Neurology	8	1	3	3	1	.	.	.
Ophthalmology	9	1	4	2	1	1	.	11%
Pathology	16	.	8	6	.	1	1	13%
Psychiatry	68	5	12	21	18	7	5	18%
Radiology	31	.	11	12	5	3	.	10%
Surgery: General	6	.	2	4	.	.	.	.
Surgery: Orthopedic	11	.	6	5	.	.	.	.
Surgery: Other	3	.	2	.	1	.	.	.
Urology	2	.	.	2	.	.	.	.
Other Specialties	61	8	17	19	8	6	3	15%

The 'Total' column includes 3 physicians with unknown ages.  
See Note 1 for a description of the calculation of age.

Table 4 -- VT Physicians, 2010  
Age by County

County	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	1877	73	444	638	325	210	184	21%
Primary Care	628	31	138	216	112	76	55	21%
Specialists	1249	42	306	422	213	134	129	21%
Addison County								
Primary Care	38	7	7	13	4	2	5	18%
Specialists	73	1	22	33	11	4	2	8%
Bennington County								
Primary Care	39	1	7	16	9	3	3	15%
Specialists	85	2	30	27	9	8	9	20%
Caledonia County								
Primary Care	30	.	3	12	7	4	4	27%
Specialists	45	1	8	15	10	6	5	24%
Chittenden County								
Primary Care	192	12	60	61	31	19	9	15%
Specialists	516	19	136	177	88	45	51	19%
Essex County								
Primary Care	2	.	.	2	.	.	.	0%
Specialists	0	.	.	.	.	.	.	.
Franklin County								
Primary Care	36	.	9	13	8	3	3	17%
Specialists	39	2	7	14	12	1	2	8%
Grand Isle County								
Primary Care	1	.	.	.	.	.	1	100%
Specialists	0	.	.	.	.	.	.	.
Lamoille County								
Primary Care	23	.	5	4	6	3	5	35%
Specialists	28	4	7	9	2	3	3	21%
Orange County								
Primary Care	23	1	2	10	4	4	2	26%
Specialists	34	1	9	11	5	4	4	24%
Orleans County								
Primary Care	20	2	5	4	3	6	.	30%
Specialists	30	.	11	9	3	3	4	23%
Rutland County								
Primary Care	46	.	9	21	6	7	3	22%
Specialists	96	4	21	37	19	8	6	15%
Washington County								
Primary Care	55	3	12	16	12	8	4	22%
Specialists	90	2	15	33	14	15	11	29%
Windham County								
Primary Care	55	1	8	19	11	8	8	29%
Specialists	81	.	12	25	15	10	18	35%
Windsor County								
Primary Care	68	4	11	25	11	9	8	25%
Specialists	123	6	25	28	23	27	14	33%

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' column includes 3 physicians with unknown ages (see Note 1). The statewide totals include 9 physicians with undefined locations.

Table 5 -- VT Physicians, 2010  
Gender by County

County	Total	Males	Females
STATEWIDE TOTAL			
Total	1877	1266 (67%)	611 (33%)
Primary Care	628	341 (54%)	287 (46%)
Specialists	1249	925 (74%)	324 (26%)
Addison County			
Primary Care	38	17 (45%)	21 (55%)
Specialists	73	61 (84%)	12 (16%)
Bennington County			
Primary Care	39	24 (62%)	15 (38%)
Specialists	85	65 (76%)	20 (24%)
Caledonia County			
Primary Care	30	17 (57%)	13 (43%)
Specialists	45	35 (78%)	10 (22%)
Chittenden County			
Primary Care	192	89 (46%)	103 (54%)
Specialists	516	362 (70%)	154 (30%)
Essex County			
Primary Care	2	1 (50%)	1 (50%)
Specialists	0	.	.
Franklin County			
Primary Care	36	16 (44%)	20 (56%)
Specialists	39	33 (85%)	6 (15%)
Grand Isle County			
Primary Care	1	1	0
Specialists	0	.	.
Lamoille County			
Primary Care	23	15 (65%)	8 (35%)
Specialists	28	18 (64%)	10 (36%)
Orange County			
Primary Care	23	14 (61%)	9 (39%)
Specialists	34	23 (68%)	11 (32%)
Orleans County			
Primary Care	20	15 (75%)	5 (25%)
Specialists	30	25 (83%)	5 (17%)
Rutland County			
Primary Care	46	34 (74%)	12 (26%)
Specialists	96	73 (76%)	23 (24%)
Washington County			
Primary Care	55	30 (55%)	25 (45%)
Specialists	90	76 (84%)	14 (16%)
Windham County			
Primary Care	55	35 (64%)	20 (36%)
Specialists	81	64 (79%)	17 (21%)
Windsor County			
Primary Care	68	33 (49%)	35 (51%)
Specialists	123	84 (68%)	39 (32%)

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 statewide totals include 9 physicians with undefined locations.

Table 6 -- VT Physicians, 2010  
 Years in Clinical Practice

Time since started	Anywhere	In Vermont
less than a year	37 ( 2%)	95 ( 5%)
1 or 2 years	76 ( 4%)	195 ( 10%)
3 or 4 years	107 ( 6%)	168 ( 9%)
5 to 9 years	238 ( 13%)	334 ( 18%)
10 to 14 years	269 ( 14%)	287 ( 15%)
15 to 19 years	281 ( 15%)	242 ( 13%)
20 to 24 years	294 ( 16%)	187 ( 10%)
25 to 29 years	226 ( 12%)	129 ( 7%)
30 to 34 years	171 ( 9%)	133 ( 7%)
35 years or more	166 ( 9%)	90 ( 5%)
unknown	12	17
Total	1877	1877
Median years:	18	12

Table 7 -- VT Physicians, 2010  
 Medical School Location by Specialty

Specialty	Total	Percent Graduated from Medical School in Region								
		VT	NH	Other NewEng	Mid Atlant	South	Central	West	Canada	Other Foreign
TOTAL	1877	19%	2%	10%	23%	16%	15%	5%	3%	6%
PRIMARY CARE	628	25%	3%	11%	24%	15%	12%	4%	3%	3%
Family Practice	284	28%	5%	12%	22%	12%	11%	5%	3%	3%
Internal Medicine	167	19%	2%	13%	29%	16%	16%	2%	1%	4%
Ob/Gyn	68	25%	0%	7%	25%	19%	12%	3%	6%	3%
Pediatrics	109	29%	1%	8%	18%	17%	10%	7%	5%	5%
SPECIALTY CARE	1249	16%	2%	9%	23%	16%	17%	5%	3%	8%
Anesthesiology	93	35%	2%	5%	18%	11%	16%	5%	3%	3%
Emergency Medicine	113	18%	1%	9%	19%	18%	18%	9%	4%	4%
Internal Medicine	227	12%	1%	10%	29%	14%	11%	6%	3%	14%
Neurology	37	5%	0%	5%	24%	27%	19%	3%	0%	16%
Ophthalmology	48	21%	0%	8%	33%	10%	21%	2%	2%	2%
Pathology	55	25%	2%	4%	9%	27%	9%	7%	0%	16%
Psychiatry	174	16%	2%	10%	18%	14%	20%	7%	3%	10%
Radiology	139	10%	4%	9%	20%	25%	22%	5%	2%	4%
Surgery: General	52	27%	4%	8%	25%	15%	13%	0%	4%	4%
Surgery: Orthopedic	76	11%	1%	20%	29%	13%	17%	3%	4%	3%
Surgery: Other	30	13%	0%	17%	27%	7%	20%	3%	10%	3%
Urology	24	21%	4%	8%	21%	8%	21%	4%	8%	4%
Hospitalist	16	13%	0%	6%	44%	13%	25%	0%	0%	0%
Other Specialties	165	15%	2%	10%	24%	16%	18%	5%	4%	7%

The 'Total' column includes 2 primary care physicians and 2 specialists for which the state of medical school is not known. This table uses the standard mapping of states to regions, but separates out VT and NH (Note 12).

Table 8 -- VT Physicians, 2010  
Residency Training Location by Specialty

Specialty	Total	Percent Received Residency Training in Region								
		VT	NH	Other NewEng	Mid Atlant	South	Central	West	Canada	Other Foreign
TOTAL	1877	25%	9%	23%	26%	16%	15%	13%	3%	1%
PRIMARY CARE	628	28%	6%	21%	25%	13%	12%	10%	2%	0%
Family Practice	284	27%	3%	18%	23%	14%	11%	12%	4%	0%
Internal Medicine	167	29%	10%	27%	28%	9%	14%	10%	0%	1%
Ob/Gyn	68	32%	6%	16%	28%	10%	12%	4%	3%	0%
Pediatrics	109	24%	9%	21%	21%	18%	11%	12%	1%	0%
SPECIALTY CARE	1249	24%	10%	25%	27%	17%	17%	14%	4%	1%
Anesthesiology	93	41%	13%	24%	28%	13%	15%	16%	3%	3%
Emergency Medicine	113	10%	0%	30%	29%	9%	20%	13%	4%	1%
Internal Medicine	227	26%	12%	31%	25%	15%	15%	15%	2%	1%
Neurology	37	32%	11%	27%	43%	11%	16%	11%	0%	0%
Ophthalmology	48	4%	4%	8%	40%	27%	31%	15%	4%	0%
Pathology	55	35%	15%	18%	20%	27%	11%	15%	0%	5%
Psychiatry	174	30%	22%	24%	21%	11%	14%	7%	3%	1%
Radiology	139	14%	6%	28%	27%	27%	17%	21%	3%	1%
Surgery: General	52	25%	2%	15%	35%	15%	19%	2%	6%	2%
Surgery: Orthopedic	76	26%	7%	20%	30%	16%	18%	14%	4%	0%
Surgery: Other	30	27%	3%	27%	23%	17%	20%	13%	13%	0%
Urology	24	8%	13%	21%	17%	38%	33%	17%	8%	0%
Hospitalist	16	19%	6%	19%	31%	19%	13%	0%	0%	0%
Other Specialties	165	25%	10%	22%	27%	20%	18%	17%	7%	1%

If a physician listed residencies in more than one region, all were counted (Note 14). This table uses the standard mapping of states to regions (Note 12), but separates out VT and NH. The 'Total' column includes physicians whose location of residency is not known -- 8 of the primary care physicians and 8 of the specialists.

Table 9 -- VT Physicians, 2010  
 Training at the University of Vermont

	Total	Doctors with Known Medical School	Graduated from VT (UVM) Medical School
Primary Care	628	626	158 (25%)
Specialists	1249	1247	204 (16%)
Total	1877	1873	362 (19%)

	Total	Doctors with Known Residency	Completed VT (FAHC) Residency
Primary Care	628	620	171 (28%)
Specialists	1249	1241	299 (24%)
Total	1877	1861	470 (25%)

	Total	Doctors with Any Known Training	Any Training in VT
Primary Care	628	626	266 (42%)
Specialists	1249	1247	397 (32%)
Total	1877	1873	663 (35%)

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

169 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 10 -- VT Physicians, 2010  
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	1335.8	61.6	322.6	466.6	229.9	145.2	107.4	19%
MALES	896.5	26.8	174.3	308.1	163.6	122.4	100.5	25%
FEMALES	439.3	34.8	148.3	158.5	66.3	22.8	6.9	7%
PRIMARY CARE	492.1	26.4	109.3	168.0	90.9	60.1	37.3	20%
Family Practice	222.9	13.1	45.3	80.7	45.6	22.7	15.7	17%
Internal Medicine	120.7	2.0	25.0	36.2	26.2	16.5	14.9	26%
Ob/Gyn	59.1	5.1	15.2	19.6	7.7	8.7	2.9	20%
Pediatrics	89.3	6.3	23.9	31.6	11.5	12.2	3.9	18%
SPECIALTY CARE	843.7	35.2	213.3	298.7	139.0	85.1	70.1	18%
Anesthesiology	85.7	2.8	25.6	38.4	11.8	4.1	3.0	8%
Emergency Medicine	84.2	3.9	21.7	35.1	13.9	5.8	3.3	11%
Internal Medicine	177.9	5.3	50.0	66.1	25.1	14.1	15.6	17%
Neurology	28.3	2.0	5.9	8.3	3.7	3.4	4.9	30%
Ophthalmology	36.2	2.0	12.1	7.6	7.0	2.0	5.6	21%
Psychiatry	130.3	6.5	19.0	34.5	29.5	23.0	17.9	31%
Surgery: General	44.6	.	10.1	16.5	8.3	5.4	4.3	22%
Surgery: Orthopedic	59.7	1.9	16.4	21.4	8.9	8.6	2.4	18%
Surgery: Other	28.5	1.0	6.5	13.3	3.3	2.2	2.1	15%
Urology	22.3	.	7.0	10.0	2.0	2.3	1.0	15%
Other Specialties	146.0	9.8	39.0	47.6	25.4	14.1	10.1	17%
	Total	% of total FTEs in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	5%	24%	35%	17%	11%	8%	19%
MALES	100%	3%	19%	34%	18%	14%	11%	25%
FEMALES	100%	8%	34%	36%	15%	5%	2%	7%
PRIMARY CARE	100%	5%	22%	34%	18%	12%	8%	20%
SPECIALTY CARE	100%	4%	25%	35%	17%	10%	8%	18%

The 'Total' column includes 2.4 FTEs with unknown ages (see Note 1).  
Pathologists and radiologists are excluded from this table (see Note 3).

Table 11 -- VT Physicians, 2010  
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	1335.8	61.6	322.6	466.6	229.9	145.2	107.4	19%
Primary Care	492.1	26.4	109.3	168.0	90.9	60.1	37.3	20%
Specialists	843.7	35.2	213.3	298.7	139.0	85.1	70.1	18%
Addison County								
Primary Care	29.1	6.2	6.0	9.8	2.1	1.0	4.1	17%
Specialists	22.5	.	7.9	8.4	2.8	1.6	1.7	15%
Bennington County								
Primary Care	31.2	.8	4.4	13.5	7.4	3.0	2.0	16%
Specialists	60.4	2.0	21.6	18.6	5.8	5.9	6.4	20%
Caledonia County								
Primary Care	22.2	.	2.6	9.0	5.6	2.4	2.6	23%
Specialists	27.6	1.0	5.3	8.2	5.8	4.7	2.7	27%
Chittenden County								
Primary Care	150.6	9.1	47.3	49.6	24.3	13.9	6.3	13%
Specialists	379.1	16.7	102.7	140.8	62.2	30.2	26.4	15%
Essex County								
Primary Care	2.3	.	.	2.2	.	.1	.	5%
Specialists	.	.	.	.	.	.	.	.
Franklin County								
Primary Care	30.7	.	7.0	10.1	7.8	2.8	3.0	19%
Specialists	32.3	2.0	6.1	13.3	7.1	1.0	2.2	10%
Grand Isle County								
Primary Care	.5	.	<.05	.	.	.	.5	96%
Specialists	.	.	.	.	.	.	.	.
Lamoille County								
Primary Care	18.2	.	3.9	3.1	5.1	2.9	3.2	34%
Specialists	21.5	2.8	5.7	7.2	1.5	3.3	.9	20%
Orange County								
Primary Care	17.5	1.0	1.7	8.1	2.5	2.7	1.5	24%
Specialists	21.4	1.3	5.3	7.2	3.3	2.0	2.3	20%
Orleans County								
Primary Care	18.3	2.0	5.2	2.3	3.1	5.6	.1	31%
Specialists	22.8	.	8.8	7.6	2.7	1.6	2.2	16%
Rutland County								
Primary Care	38.0	.	6.5	18.6	4.9	5.8	2.3	21%
Specialists	72.9	3.9	19.3	28.2	13.0	4.6	3.0	11%
Washington County								
Primary Care	48.5	2.8	10.3	13.9	10.9	6.9	3.8	22%
Specialists	65.0	2.0	11.3	23.8	10.8	11.1	6.0	26%
Windham County								
Primary Care	42.2	1.0	6.4	13.6	9.5	6.9	4.9	28%
Specialists	53.9	.	6.6	18.1	11.6	7.1	9.7	32%
Windsor County								
Primary Care	42.7	3.5	8.1	14.2	7.7	6.1	3.1	21%
Specialists	64.3	3.5	12.6	17.2	12.4	11.9	6.6	29%

The 'Total' column includes 2.4 FTEs with unknown ages (see note 1).  
Pathologists and radiologists are excluded from this table (see Note 3).  
See Note 4 regarding calculation of hours and FTEs by county.

Table 12 -- VT Physicians, 2010  
 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	1683 1335.8 61932	657 492.1 21898	1112 843.7 40035
Addison County	88 51.6 2236	39 29.1 1202	51 22.5 1033
Bennington County	122 91.5 4284	45 31.2 1582	82 60.4 2702
Caledonia County	77 49.9 2172	31 22.2 931	53 27.6 1240
Chittenden County	667 529.6 25300	207 150.6 6617	486 379.1 18683
Essex County	4 2.3 113	4 2.3 113	. . .
Franklin County	100 63.0 2932	39 30.7 1447	64 32.3 1485
Grand Isle County	2 .5 21	2 .5 21	. . .
Lamoille County	67 39.7 1852	25 18.2 842	45 21.5 1010
Orange County	65 38.9 1729	24 17.5 779	46 21.4 950
Orleans County	58 41.1 1868	23 18.3 848	36 22.8 1020
Rutland County	151 111.0 5263	50 38.0 1681	106 72.9 3582
Washington County	169 113.5 5136	59 48.5 2151	114 65.0 2985
Windham County	145 96.0 4299	59 42.2 1885	94 53.9 2413
Windsor County	183 107.1 4729	79 42.7 1798	114 64.3 2931

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

Table 13 -- VT Physicians, 2010  
 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	657 492.1 21898	299 222.9 9699	181 120.7 5424	74 59.1 2752	118 89.3 4023
Addison County	39 29.1 1202	20 14.4 587	6 4.6 182	4 3.0 142	9 7.1 292
Bennington County	45 31.2 1582	24 16.3 792	11 6.8 340	6 4.3 227	4 3.8 224
Caledonia County	31 22.2 931	15 10.3 434	9 5.4 222	4 3.3 145	5 3.3 130
Chittenden County	207 150.6 6617	78 56.2 2395	57 41.3 1835	31 22.7 1054	41 30.3 1333
Essex County	4 2.3 113	3 1.3 53	1 .8 45	. . . .	1 .3 15
Franklin County	39 30.7 1447	14 10.3 477	10 7.6 341	4 3.5 162	11 9.4 467
Grand Isle County	2 .5 21	2 .5 21	. . . .	. . . .	. . . .
Lamoille County	25 18.2 842	18 13.6 598	3 1.9 110	4 1.6 69	1 1.0 65
Orange County	24 17.5 779	11 7.6 330	5 2.8 124	3 1.7 68	9 5.4 258
Orleans County	23 18.3 848	8 6.1 258	9 5.9 273	3 2.9 140	4 3.5 177
Rutland County	50 38.0 1681	29 22.3 996	11 6.9 299	4 3.8 180	8 5.1 206
Washington County	59 48.5 2151	32 24.6 1097	14 12.3 539	6 5.5 229	8 6.1 285
Windham County	59 42.2 1885	28 21.6 937	18 10.9 506	4 3.5 194	9 6.2 248
Windsor County	79 42.7 1798	31 17.9 725	34 13.7 607	4 3.3 143	12 7.9 322

In this table physicians may be counted more than once (Note 4).  
 See Note 6 for description of OB/GYN classification.

Table 14 -- VT Physicians, 2010  
 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	INTERNAL MEDICINE	NEUROLOGY	OPHTHALM- OLOGY	PSYCHIATRY
STATE TOTAL	1112 843.7 40035	93 85.7 4180	120 84.2 3554	246 177.9 8630	39 28.3 1255	48 36.2 1712	183 130.3 5673
Addison County	51 22.5 1033	1 1.0 50	12 5.6 225	14 3.8 172	2 .2 8	4 1.7 68	4 2.4 95
Bennington County	82 60.4 2702	4 4.0 197	12 8.9 362	17 13.0 598	2 1.6 65	5 2.7 148	7 4.1 170
Caledonia County	53 27.6 1240	. . . . .	8 4.7 212	15 4.5 209	1 1.0 40	3 2.4 106	6 3.3 131
Chittenden County	486 379.1 18683	46 43.3 2193	22 17.5 739	120 93.0 4592	21 16.8 770	21 15.9 799	71 44.6 1919
Essex County	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Franklin County	64 32.3 1485	6 5.7 313	11 6.5 269	17 3.0 130	3 .6 27	2 1.2 47	4 3.8 150
Grand Isle County	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Lamoille County	45 21.5 1010	4 3.8 153	6 4.8 199	12 3.4 207	1 1.0 47	1 .2 9	8 1.9 75
Orange County	46 21.4 950	6 3.3 133	9 4.6 211	11 3.3 175	3 1.4 55	2 2.0 90	7 2.6 105
Orleans County	36 22.8 1020	3 2.8 118	6 5.5 256	5 2.6 111	1 .7 32	2 1.3 53	8 3.4 135
Rutland County	106 72.9 3582	5 5.0 279	18 10.8 442	32 23.1 1113	2 2.0 80	6 3.5 162	12 6.2 295
Washington County	114 65.0 2985	7 6.0 244	13 8.6 347	22 10.8 500	4 .9 37	5 2.3 96	27 18.0 845
Windham County	94 53.9 2413	5 3.9 173	11 5.5 235	16 7.5 361	3 1.4 71	2 1.3 52	29 20.4 897
Windsor County	114 64.3 2931	9 6.8 327	2 1.3 55	22 9.9 463	2 .6 24	3 1.7 83	30 19.7 855

(continued on next page)

Table 14 (continued) -- VT Physicians, 2010  
 Numbers of Specialty Care Physicians, Full Time Equivalents  
 (FTEs), and Total Weekly Patient Care Hours, by County

Count FTEs Hours	SPECIALTY CARE TOTAL	GENERAL SURGERY	ORTHOP. SURGERY	OTHER SURGERY	UROLOGY	OTHER
STATE TOTAL	1112 843.7 40035	54 44.6 2313	78 59.7 2956	38 28.5 1620	24 22.3 1281	216 146.0 6861
Addison County	51 22.5 1033	2 2.0 93	3 2.0 111	1 1.0 55	2 .4 42	6 2.4 114
Bennington County	82 60.4 2702	6 5.6 278	6 5.8 235	2 1.5 72	2 2.0 80	20 11.2 499
Caledonia County	53 27.6 1240	3 2.3 108	2 2.0 98	2 1.5 90	2 1.2 55	12 4.8 191
Chittenden County	486 379.1 18683	16 10.9 612	29 25.0 1321	26 20.9 1222	12 8.3 534	114 82.8 3982
Essex County	.	.	.	.	.	.
Franklin County	64 32.3 1485	3 3.0 156	3 3.0 130	.	7 1.7 108	10 3.8 156
Grand Isle County	.	.	.	.	.	.
Lamoille County	45 21.5 1010	2 1.8 91	3 2.9 143	1 .2 10	1 .7 40	7 .9 37
Orange County	46 21.4 950	2 1.9 83	2 1.6 66	.	1 .2 10	4 .6 23
Orleans County	36 22.8 1020	2 1.7 93	3 1.1 61	2 1.1 57	.	5 2.6 104
Rutland County	106 72.9 3582	5 4.5 267	6 5.0 266	1 .5 22	1 1.0 80	20 11.3 576
Washington County	114 65.0 2985	5 5.0 268	8 3.6 171	6 .1 5	3 2.6 159	14 7.1 313
Windham County	94 53.9 2413	3 3.0 124	13 3.6 163	1 1.0 40	2 1.8 70	10 4.6 228
Windsor County	114 64.3 2931	5 3.1 143	6 4.2 193	2 .7 48	4 2.5 103	32 13.8 638

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



Table 15 -- VT Physicians, 2010  
 Primary Care Physicians: Ratio of Full Time Equivalent (FTEs)  
 to Population, by County

County	FTEs	Population	FTEs per 100,000 Population	Population per FTE
STATEWIDE TOTAL	492.1	625,741	78.6	1,272
Addison County	29.1	36,821	79.0	1,266
Bennington County	31.2	37,125	83.9	1,192
Caledonia County	22.2	31,227	71.2	1,404
Chittenden County	150.6	156,545	96.2	1,040
Essex County	2.3	6,306	36.9	2,709
Franklin County	30.7	47,746	64.3	1,554
Grand Isle County	.5	6,970	7.5	13,414
Lamoille County	18.2	24,475	74.3	1,346
Orange County	17.5	28,936	60.6	1,651
Orleans County	18.3	27,231	67.3	1,485
Rutland County	38.1	61,642	61.7	1,620
Washington County	48.5	59,534	81.5	1,227
Windham County	42.2	44,513	94.7	1,056
Windsor County	42.7	56,670	75.4	1,326

Only primary care physicians are included in this table.

An FTE is defined as 40 (or more) hours/week, 48 weeks/year, of direct patient care in Vermont (excluding teaching, administration and research).

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.

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

Population estimates are for April 2010, from the 2010 Census (see Note 7).

Table 16 -- VT Physicians, 2010  
Full Time Equivalents (FTEs) by Practice Setting by Specialty

Care Setting	FTEs in Primary Care Specialty			
	Family	Internal Medicine	Ob/Gyn	Pediatric
TOTAL, all settings	222.9	120.7	59.1	89.3
Office, incl hosp	105.4	53.9	57.7	74.3
Office, w/o hosp	112.0	64.2	1.3	14.7
Hospital-based	.	.	.	.
Hospitalist	.	.	.	.
Student health ctr	.8	.5	.	.1
Business/work site	.5	.7	.	.
Extended care	3.2	1.2	.	.
Other	1.0	.1	.	.2

Care Setting	FTEs in Specialty					
	Anesthe- siology	Emergency Medicine	Internal Medicine	General Surgery	Orthop. Surgery	Other Surgery
TOTAL, all settings	85.7	84.2	177.9	44.6	59.7	28.5
Office, incl hosp	18.4	7.2	111.3	42.7	48.0	24.4
Office, w/o hosp	8.5	2.5	16.7	.4	9.1	1.0
Hospital-based	57.8	74.5	15.6	1.6	2.5	3.0
Hospitalist	.	.	33.8	.	.	.
Student health ctr	.	.	.5	.	.	.
Business/work site	.	.	.	.	.	.
Extended care	.	.	.	.	.	.
Other	1.0	.	.	.	<.05	.

Care Setting	FTEs in Specialty		
	Psychiatry	Hospitalist	Other Specialties
TOTAL, all settings	130.3	13.6	219.2
Office, incl hosp	24.3	.	133.7
Office, w/o hosp	75.2	.	48.7
Hospital-based	12.6	.	18.7
Hospitalist	13.1	13.6	11.3
Student health ctr	1.4	.	.4
Business/work site	.	.	1.3
Extended care	1.6	.	1.0
Other	2.1	.	4.2

All worksites of each physician are counted in this table (Note 4).  
Pathologists and radiologists are excluded from this table (Note 3).  
See Table 19 for a similar tabulation by counts rather than FTEs.

Table 17 -- VT Physicians, 2010  
 Numbers of Physicians in a Hospitalist setting, Full Time Equivalents  
 (FTEs), and Total Weekly Patient Care Hours, by County

Count FTEs Hours	HOSPITALIST SETTING TOTAL	SPECIALTY			
		HOSPITALIST	INTERNAL MEDICINE	PSYCHIATRY	OTHER SPECIALTIES
STATE TOTAL	102 71.7 3291	19 13.6 587	48 33.8 1590	18 13.1 591	22 11.3 523
Addison County	.	.	.	.	.
Bennington County	12 10.2 432	5 4.3 176	5 3.3 143	.	4 2.6 113
Caledonia County	4 1.6 62	2 1.3 50	2 .3 12	.	.
Chittenden County	31 22.2 998	.	14 10.2 446	5 4.1 176	12 7.9 377
Essex County	.	.	.	.	.
Franklin County	5 1.2 52	2 .2 6	3 1.1 46	.	.
Grand Isle County	.	.	.	.	.
Lamoille County	4 2.0 147	1 <.05 2	2 1.9 144	.	1 <.05 1
Orange County	3 2.1 125	.	3 1.8 115	.	1 .3 10
Orleans County	1 .1 5	1 .1 5	.	.	.
Rutland County	10 7.7 314	1 .9 36	8 6.6 273	.	1 .1 5
Washington County	18 11.2 512	3 3.0 125	5 2.0 84	8 6.0 290	2 .3 13
Windham County	7 4.3 212	.	3 2.1 122	4 2.0 85	1 .1 5
Windsor County	12 9.3 432	6 3.9 187	6 4.4 205	1 1.0 40	.

In this table physicians may be counted more than once (Note 4).  
 5 physicians listed more than one specialty practiced in a hospitalist  
 setting. In the 2010 survey Hospitalist was included in the list of  
 specialties, as well as a practice setting - see Appendix A.

Table 18 -- VT Physicians, 2010  
Detailed Specialty List - Counts and FTEs

SPECIALTY GROUP Specialty	Number of Physicians	FTEs
--- PRIMARY CARE ---		
FAMILY PRACTICE		
Adolescent Medicine (FP)	1	.1
Family Practice	267	209.6
General Practice	16	5.6
Geriatric Family Medicine	10	3.1
Osteopathic Medicine (general)	10	4.5
INTERNAL MEDICINE (PRIMARY)		
Geriatric Internal Medicine	7	4.1
Internal Medicine	177	116.6
OB/GYN		
Gynecology	14	9.5
Obstetrics	3	.3
Obstetrics & Gynecology	59	49.3
PEDIATRICS (PRIMARY)		
Adolescent Medicine (Pediatrics)	6	1.7
Pediatrics (general)	118	87.7
--- SPECIALTY CARE ---		
ANESTHESIOLOGY		
Anesthesiology	85	73.5
Critical Care Medicine (Anesthes.)	3	.4
Pain Management	17	11.2
Pain Medicine	1	.5
EMERGENCY MEDICINE		
Emergency Medicine	119	83.6
Emergency Medicine: Sports	1	.2
Medical Toxicology (Emerg. Med.)	1	.5
INTERNAL MEDICINE (SPECIALTY)		
Cardiac Electrophysiology	6	4.3
Cardiovascular Disease	48	34.2
Critical Care Internal Medicine	13	6.8
Endocrinology Diabetes & Metabol.	16	10.5
Gastroenterology	25	20.0
Hematology (Internal Medicine)	20	7.7
Infectious Disease	15	9.3
Internal Medicine (hospitalist)	46	32.8
Internal Medicine (subspecialty)	3	1.0
Internal Medicine: Sports	2	.6
Interventional Cardiology	5	2.7
Medical Oncology	28	17.7
Nephrology	15	8.6
Pulmonary Disease	17	7.9
Rheumatology	14	10.2
Sleep Medicine (IM)	9	3.7
NEUROLOGY		
Child Neurology	3	1.9
Clinical Neurophysiology	6	3.5
Neurology	24	18.5
Psychosomatic Medicine	5	3.2
Sleep Medicine (psych/neuro)	4	.5
Vascular Neurology	1	.7

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Table 18 -- VT Physicians, 2010  
Detailed Specialty List (continued)

SPECIALTY GROUP Specialty	Number of Physicians	FTEs
OPHTHALMOLOGY		
Ophthalmology	46	34.5
Pediatric Ophthalmology	2	1.8
PATHOLOGY		
Anatomic & Clinical Pathology	20	.
Anatomic Pathology	14	.
Blood Banking/Transfusion Medicine	2	.
Chemical Pathology	2	.
Clinical Pathology	3	.
Cytopathology	5	.
Dermatopathology (Pathology)	7	.
Forensic Pathology	1	.
Hematology (Pathology)	3	.
Medical Microbiology	1	.
Molecular Genetic Pathology	1	.
Neuropathology	1	.
Pathology	4	.
Pediatric Pathology	2	.
PSYCHIATRY		
Addiction Medicine	7	2.6
Addiction Psychiatry	8	3.6
Child & Adolescent Psychiatry	36	18.8
Forensic Psychiatry	3	1.5
Geriatric Psychiatry	6	1.5
Psychiatry	147	99.6
Psychoanalysis	5	2.6
RADIOLOGY		
Diagnostic Radiology	108	.
Neuroradiology	9	.
Nuclear Radiology	1	.
Pediatric Radiology	2	.
Radiation Oncology	12	.
Radiology	10	.
Vascular/Interventional Radiology	5	.
SURGERY: GENERAL		
	54	44.6
SURGERY: ORTHOPEDIC		
Adult Reconstructive Orthopedics	2	1.2
Hand Surgery (Orthopedic)	9	6.6
Orthopedic Surgery	52	34.8
Orthopedic Surgery Of The Spine	9	7.2
Orthopedic Surgery: Sports	12	6.0
Orthopedic Trauma	4	2.0
Pediatric Orthopedics	2	1.6
Traumatic Surgery	2	.3
SURGERY: OTHER		
Abdominal Surgery	9	5.6
Cardiovascular Surgery	4	3.3
Colon & Rectal Surgery	4	1.8
General Vascular Surgery	8	5.5
Neurological Surgery	6	6.0
Oral & Maxillofacial Surgery	3	3.0
Pediatric Surgery	2	1.1
Surgical Critical Care	3	1.5
Thoracic Surgery	2	.6

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Table 18 -- VT Physicians, 2010  
Detailed Specialty List (continued)

SPECIALTY GROUP Specialty	Number of Physicians	FTEs
UROLOGY		
Pediatric Urology	1	1.0
Urology	23	21.3
OTHER SPECIALTIES		
Acupuncture	2	.2
Aerospace Medicine	1	<.05
Allergy	2	1.4
Allergy & Immunology	6	4.2
Children With Special Health Needs	1	.1
Clinical Genetics	3	1.5
Dermatology	23	16.0
Dermatopathology (Dermatology)	4	2.2
Develop-Behav Pediatrics	8	4.5
Family Medicine: Sports	10	5.5
Family Practice (subspecialty)	6	2.5
General Practice (in hospital)	1	1.0
Gynecologic Oncology	3	3.0
Gynecology (subspecialty)	1	<.05
Hand Surgery (Plastic)	2	.6
Homeopathic Medicine	1	.2
Hospitalist	19	13.6
Legal Medicine	1	.
Maternal & Fetal Medicine	7	4.1
Neonatal-perinatal Medicine	6	4.5
Neurodevelopmental Disabilities	1	.5
Nuclear Medicine	1	.1
Nutrition	1	1.0
Ob/Gyn (subspecialty)	2	1.5
Obstetrics (in hospital)	1	.1
Occupational Medicine	12	6.9
Otolaryngology	18	13.6
Otology/neurotology	1	1.0
Pain Medicine (PM)	3	1.8
Palliative Care	10	3.4
Pediatric Cardiology	5	3.1
Pediatric Critical Care Medicine	4	3.1
Pediatric Endocrinology	2	2.0
Pediatric Gastroenterology	3	2.3
Pediatric Hematology-oncology	3	3.0
Pediatric Infectious Disease	2	.8
Pediatric Nephrology	1	1.0
Pediatric Otolaryngology	1	1.0
Pediatric Pulmonology	2	1.9
Pediatric Rehabilitation Med	1	<.05
Pediatrics (subspecialty)	12	6.6
Physical Medicine & Rehabilitation	13	9.8
Plastic Surgery	7	4.9
Plastic Surgery within Head & Neck	1	.3
Plastic Surgery within Head & Neck	1	.4
Preventive Medicine	1	.8
Public Health & General Preventive	4	3.0
Reproductive Endocrinology	4	2.8
Sleep Medicine	2	.8
Sleep Medicine (otolaryn)	1	.1
Sleep Medicine (ped)	1	1.0
Unlisted Specialty	4	2.3

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

# Vermont Physician Practice Characteristics





Table 19 -- VT Physicians, 2010  
Practice Setting by Specialty

Care Setting	Number in Primary Care Specialty			
	Family	Internal Medicine	Ob/Gyn	Pediatric
TOTAL, all settings	284	167	68	109
Office, incl hosp	126	70	66	90
Office, w/o hosp	149	92	2	18
Hospital-based	.	.	.	.
Hospitalist	.	.	.	.
Student health ctr	1	1	.	.
Business/work site	1	2	.	.
Extended care	5	2	.	.
Tele-medicine	.	.	.	.
Other	2	.	.	1

Care Setting	Number in Specialty					
	Anesthe- siology	Emergency Medicine	Internal Medicine	General Surgery	Orthop. Surgery	Other Surgery
TOTAL, all settings	93	113	227	52	76	30
Office, incl hosp	21	8	131	48	52	24
Office, w/o hosp	10	4	34	1	19	2
Hospital-based	61	101	21	3	4	4
Hospitalist	.	.	41	.	.	.
Student health ctr	.	.	.	.	.	.
Business/work site	.	.	.	.	.	.
Extended care	.	.	.	.	.	.
Tele-medicine	.	.	.	.	.	.
Other	1	.	.	.	1	.

Care Setting	Number in Specialty				
	Psychiatry	Radiology	Pathology	Hospitalist	Other Specialties
TOTAL, all settings	174	139	55	16	274
Office, incl hosp	29	18	.	.	155
Office, w/o hosp	105	7	2	.	74
Hospital-based	14	57	42	.	23
Hospitalist	15	.	.	16	13
Student health ctr	3	.	.	.	.
Business/work site	.	.	.	.	2
Extended care	2	.	.	.	1
Tele-medicine	.	57	11	.	.
Other	6	.	.	.	6

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 16 for a similar tabulation by FTEs rather than counts.

Table 20 -- VT Physicians, 2010  
Practice Setting by Age

Care Setting	Total	Number in Age Group					
		<35	35-44	45-54	55-59	60-64	65+
TOTAL, all settings	1877 (100%)	73	444	638	325	210	184
Office, incl hosp	838 ( 45%)	41	210	296	136	88	66
Office, w/o hosp	519 ( 28%)	10	90	151	108	75	85
Hospital-based	330 ( 18%)	8	84	121	59	32	25
Hospitalist	85 ( 5%)	11	34	24	7	6	2
Student health center	5 ( 0%)	.	2	2	.	.	1
Business or work site	5 ( 0%)	.	1	2	1	.	1
Extended care	10 ( 1%)	.	.	6	1	1	2
Tele-medicine	68 ( 4%)	2	21	33	9	3	.
Other	17 ( 1%)	1	2	3	4	5	2

Each physician is counted once in this table, in their main practice setting. The 'Total' column includes 3 physicians with unknown ages. See Note 1 for a description of the calculation of age.

Table 21 -- VT Physicians, 2008  
Practice Setting by Gender

Care Setting	Total	Males		Females	
		Count	(%)	Count	(%)
TOTAL, all settings	1877	1266	(100%)	611	(100%)
Office, incl hosp	838	550	( 43%)	288	( 47%)
Office, w/o hosp	519	333	( 26%)	186	( 30%)
Hospital-based	330	251	( 20%)	79	( 13%)
Hospitalist	85	53	( 4%)	32	( 5%)
Student health center	5	3	( 0%)	2	( 0%)
Business or work site	5	3	( 0%)	2	( 0%)
Extended care	10	7	( 1%)	3	( 0%)
Tele-medicine	68	56	( 4%)	12	( 2%)
Other	17	10	( 1%)	7	( 1%)

Each physician is counted once in this table, in their main practice setting. Percentages are based on column totals.

Table 22 -- VT Physicians, 2010  
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	1683	37	39	39	36	28	54%
PRIMARY CARE	628	35	35	35	37	31	48%
Family Practice	284	35	33	35	38	28	47%
Internal Medicine	167	34	34	33	35	30	43%
Ob/Gyn	68	40	42	39	38	53	60%
Pediatrics	109	36	37	35	37	40	48%
SPECIALTY CARE	1055	38	41	41	36	27	58%
Anesthesiology	93	45	43	46	45	47	73%
Emergency Medicine	113	31	32	32	27	35	35%
Internal Medicine	227	38	38	43	34	31	59%
Neurology	37	35	39	37	33	27	57%
Ophthalmology	48	36	46	42	35	19	58%
Psychiatry	174	32	34	34	35	23	48%
Surgery: General	52	47	55	46	43	43	75%
Surgery: Orthopedic	76	39	44	45	34	14	62%
Surgery: Other	30	51	56	53	45	35	87%
Urology	24	54	69	46	53	.	88%
Other Specialties	181	37	41	37	37	26	58%

Average hours based on less than 3 people are suppressed.

'Full Time' is defined as 40 (or more) hours/week, 48 weeks/year, of direct patient care in Vermont (excluding teaching, administration and research). (See Note 22).

'Total' & 'all ages' columns include 3 physicians with unknown ages.

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

Pathologists and radiologists are excluded from this table (Note 3).

Table 23 -- VT Physicians, 2010  
Average Patient Care Hours per Week,  
by Provider Gender, Specialty and Age

Main Specialty	Total	Average Patient Care Hours per Week					% Working Full Time (%)
		All Ages	Age < 45	Age 45-54	Age 55-64	Age 65+	
MALES:							
ALL SPECIALTIES	1119	38	41	41	37	29	58%
PRIMARY CARE	341	37	36	38	39	32	53%
Family Practice	165	37	35	40	39	28	55%
Internal Medicine	107	36	30	37	38	31	49%
Ob/Gyn	28	41	47	38	38	.	61%
Pediatrics	41	40	43	38	39	48	54%
SPECIALTY CARE	778	38	42	42	36	27	60%
Anesthesiology	67	47	48	47	48	47	84%
Emergency Medicine	93	31	32	32	28	35	37%
Internal Medicine	164	39	39	45	35	31	61%
Neurology	29	32	33	37	31	27	55%
Ophthalmology	39	35	48	41	37	19	54%
Psychiatry	106	32	35	31	37	24	49%
Surgery: General	46	48	57	52	43	43	80%
Surgery: Orthopedic	65	37	41	46	34	14	62%
Surgery: Other	27	51	55	53	47	35	85%
Urology	22	54	69	45	53	.	86%
Other Specialties	120	38	43	40	36	27	57%
FEMALES:							
ALL SPECIALTIES	564	35	37	34	33	21	47%
PRIMARY CARE	287	33	35	32	32	24	41%
Family Practice	119	32	32	31	34	.	36%
Internal Medicine	60	30	36	27	26	.	33%
Ob/Gyn	40	39	40	39	38	.	60%
Pediatrics	68	34	36	33	34	.	44%
SPECIALTY CARE	277	36	38	37	33	20	53%
Anesthesiology	26	39	37	44	29	.	46%
Emergency Medicine	20	31	30	35	22	.	30%
Internal Medicine	63	35	36	37	29	.	54%
Neurology	8	44	47	38	.	.	63%
Ophthalmology	9	39	42	.	.	.	78%
Psychiatry	68	33	34	36	31	19	46%
Surgery: General	6	32	.	24	.	.	33%
Surgery: Orthopedic	11	49	52	45	.	.	64%
Surgery: Other	3	53	.	.	.	.	100%
Urology	2	.	.	.	.	.	.
Other Specialties	61	37	40	32	40	21	61%

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), excluding teaching, administration and research.  
'Total' & 'all ages' columns include 3 physicians with unknown ages.  
See Note 1 for a description of the calculation of age.  
Pathologists and radiologists are excluded from this table (Note 3).

Table 24 -- VT Physicians, 2010  
Average Patient Care Hours per Week, by Provider Age, by County

County	Total	Average Patient Care Hours per Week					% Working Full Time
		All Ages	Age < 45	Age 45-54	Age 55-64	Age 65+	
STATEWIDE TOTAL							
Primary Care	628	35	35	35	37	31	48%
Specialists	1055	38	41	41	36	27	58%
Addison County							
Primary Care	38	32	35	31	21	39	42%
Specialists	34	34	49	32	21	.	44%
Bennington County							
Primary Care	39	40	35	37	51	31	56%
Specialists	76	36	38	37	33	30	51%
Caledonia County							
Primary Care	30	33	35	35	32	30	30%
Specialists	38	32	39	30	31	29	47%
Chittenden County							
Primary Care	192	35	34	36	34	31	47%
Specialists	449	42	45	45	40	27	68%
Essex County							
Primary Care	2	.	.	.	.	.	50%
Specialists	0	.	.	.	.	.	
Franklin County							
Primary Care	36	40	39	38	43	44	67%
Specialists	34	39	38	46	32	.	62%
Grand Isle County							
Primary Care	1	.	.	.	.	.	0%
Specialists	0	.	.	.	.	.	
Lamoille County							
Primary Care	23	39	35	34	44	38	48%
Specialists	23	42	41	56	36	.	61%
Orange County							
Primary Care	23	36	50	40	27	.	35%
Specialists	31	29	32	25	33	23	32%
Orleans County							
Primary Care	20	42	46	26	46	.	75%
Specialists	27	38	43	44	33	22	59%
Rutland County							
Primary Care	46	37	31	41	38	27	43%
Specialists	84	43	45	44	42	29	69%
Washington County							
Primary Care	55	39	41	37	40	41	65%
Specialists	84	34	35	36	34	27	48%
Windham County							
Primary Care	55	36	33	36	40	31	42%
Specialists	75	30	22	31	39	24	45%
Windsor County							
Primary Care	68	26	31	24	30	16	35%
Specialists	100	29	29	33	28	27	43%

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, excluding teaching, administration and research (Note 22).  
Each physician is counted once in this table, in their main specialty group, and, independently, in their main county of practice (Note 2).  
'Total' & 'all ages' columns include 3 physicians with unknown ages.  
Pathologists and radiologists are excluded from this table (Note 3).

Table 25 -- VT Physicians, 2010  
 Plan to Retire, Leave, or Reduce Hours Within 5 Years

Specialty	Total Physicians	Plan to Retire or Leave VT (%)	Plan to Reduce Hours (%)
TOTAL	1877	14%	8%
PRIMARY CARE	628	14%	11%
Family Practice	284	13%	12%
Internal Medicine	167	17%	12%
Ob/Gyn	68	22%	9%
Pediatrics	109	7%	7%
SPECIALTY CARE	1249	14%	7%
Anesthesiology	93	19%	13%
Emergency Medicine	113	10%	9%
Internal Medicine	227	15%	5%
Neurology	37	17%	11%
Ophthalmology	48	11%	4%
Pathology	55	16%	0%
Psychiatry	174	15%	12%
Radiology	139	11%	3%
Surgery: General	52	20%	6%
Surgery: Orthopedic	76	16%	10%
Surgery: Other	30	14%	4%
Urology	24	8%	13%
Other Specialties	181	14%	6%

Physicians were asked if they plan to retire, or leave their Vermont practice, within the next 5 years, and, separately, whether they plan to reduce their patient care hours in Vermont within the next 5 years.

66 physicians did not answer the "retire" question, and 68 of those who did not say they will retire did not answer the "reduce" question. 198 physicians (11%) 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 26 -- VT Physicians, 2010  
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	1343	91%	93%	81%	93%	81%
PRIMARY CARE	615	83%	95%	72%	94%	69%
Family Practice	276	81%	93%	68%	94%	69%
Internal Medicine	163	70%	92%	50%	90%	58%
Ob/Gyn	68	100%	100%	98%	100%	98%
Pediatrics	108	99%	100%	97%	n.a.	n.a.
SPECIALTY CARE	728	98%	92%	88%	93%	91%
Anesthesiology	39	100%	97%	95%	97%	97%
Internal Medicine	169	98%	99%	96%	99%	96%
Neurology	32	97%	97%	93%	96%	96%
Ophthalmology	48	100%	100%	98%	100%	100%
Psychiatry	142	94%	82%	71%	79%	72%
Surgery: General	49	100%	100%	98%	100%	100%
Surgery: Orthopedic	74	100%	90%	92%	91%	93%
Surgery: Other	26	100%	100%	96%	96%	91%
Urology	24	100%	96%	96%	100%	100%
Other Specialties	125	97%	84%	81%	89%	88%

Pathologists, radiologists, and emergency medicine are excluded from this table. See Note 10 regarding tabulation of availability.

Only office settings are included (see Note 11).

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. 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.

Four percent or less did not answer each question. Denominators for percentages do not include unknowns.

Table 27 -- VT Physicians, 2010  
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	1046.2	92%	95%	82%	96%	84%
PRIMARY CARE	485.8	85%	97%	73%	97%	72%
Family Practice	218.6	83%	95%	70%	97%	71%
Internal Medicine	120.7	71%	96%	51%	95%	62%
Ob/Gyn	59.3	99%	100%	98%	100%	98%
Pediatrics	87.3	99%	100%	96%	n.a.	n.a.
SPECIALTY CARE	560.3	98%	94%	90%	95%	93%
Anesthesiology	27.0	100%	100%	96%	100%	100%
Internal Medicine	127.1	99%	100%	97%	100%	97%
Neurology	23.9	95%	100%	91%	100%	95%
Ophthalmology	36.2	99%	100%	98%	100%	99%
Psychiatry	99.3	96%	81%	70%	78%	73%
Surgery: General	45.0	100%	100%	98%	100%	100%
Surgery: Orthopedic	56.8	100%	98%	98%	98%	98%
Surgery: Other	24.3	100%	100%	96%	95%	91%
Urology	22.5	100%	96%	96%	100%	100%
Other Specialties	98.3	97%	88%	85%	92%	91%

Only office settings are included.

Each site in which a physician practices is counted, weighted by FTEs.

Denominators for percentages do not include unknowns.

Pathologists, radiologists, and emergency medicine are excluded here.

See Note 10 regarding tabulation of availability.



Table 28 -- VT Physicians, 2010  
Practice Availability by County

County	Offices	Accept New Patients	Accept New Medicaid Patients	Accept New Medicare Patients
		(%)	(%)	(%)
STATEWIDE TOTAL				
Primary Care	675	83%	71%	68%
Specialists	906	97%	88%	90%
Addison County				
Primary Care	42	83%	73%	70%
Specialists	34	100%	88%	100%
Bennington County				
Primary Care	42	81%	61%	64%
Specialists	56	95%	85%	84%
Caledonia County				
Primary Care	30	73%	63%	58%
Specialists	34	97%	94%	94%
Chittenden County				
Primary Care	209	82%	71%	70%
Specialists	375	97%	90%	93%
Essex County				
Primary Care	4	100%	100%	100%
Specialists	0			
Franklin County				
Primary Care	43	93%	84%	79%
Specialists	43	100%	100%	100%
Grand Isle County				
Primary Care	2	100%	100%	100%
Specialists	0			
Lamoille County				
Primary Care	24	75%	71%	74%
Specialists	25	96%	92%	96%
Orange County				
Primary Care	24	96%	96%	94%
Specialists	24	100%	96%	95%
Orleans County				
Primary Care	20	75%	63%	65%
Specialists	23	100%	96%	91%
Rutland County				
Primary Care	47	87%	66%	68%
Specialists	66	100%	90%	93%
Washington County				
Primary Care	61	77%	70%	67%
Specialists	73	97%	89%	90%
Windham County				
Primary Care	60	73%	67%	60%
Specialists	63	95%	84%	82%
Windsor County				
Primary Care	67	96%	70%	64%
Specialists	90	93%	70%	73%

Only office settings are included (see Note 11).  
Each site in which a physician practices is counted separately.  
Pathologists, radiologists, and emergency medicine are excluded here.  
See Note 10 regarding tabulation of availability.

Table 29 -- VT Physicians, 2010  
Main and Secondary Specialties

Specialty	Main Specialty		Secondary Specialty	
	Number	Percent	Number	Percent
TOTAL	1877	100%	131	100%
PRIMARY CARE	628	33%	44	34%
Family Practice	284	15%	15	11%
Internal Medicine	167	9%	14	11%
Ob/Gyn	68	4%	6	5%
Pediatrics	109	6%	9	7%
SPECIALTY CARE	1249	67%	87	66%
Anesthesiology	93	5%	0	0%
Emergency Medicine	113	6%	7	5%
Internal Medicine	227	12%	19	15%
Neurology	37	2%	2	2%
Ophthalmology	48	3%	0	0%
Pathology	55	3%	1	1%
Psychiatry	174	9%	9	7%
Radiology	139	7%	0	0%
Surgery: General	52	3%	2	2%
Surgery: Orthopedic	76	4%	2	2%
Surgery: Other	30	2%	8	6%
Urology	24	1%	0	0%
Hospitalist	16	1%	3	2%
Other Specialties	165	9%	34	26%

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. The percentages are based on the TOTAL line.

# Distribution of Physicians by Health Related Geographical Regions:

Hospital Service Areas  
Area Health Education Centers  
Local Health Districts  
Rational Service Areas



Table 30 -- VT Physicians, 2010  
Age by Hospital Service Area

Hospital Service Area	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	1877	73	444	638	325	210	184	21%
Primary Care	628	31	138	216	112	76	55	21%
Specialists	1249	42	306	422	213	134	129	21%
Barre								
Primary Care	56	3	12	16	13	8	4	21%
Specialists	95	2	16	34	16	16	11	28%
Bennington								
Primary Care	43	1	9	17	10	3	3	14%
Specialists	82	2	28	27	8	8	9	21%
Brattleboro								
Primary Care	43	1	6	16	7	5	8	30%
Specialists	77	0	12	24	14	9	17	34%
Burlington								
Primary Care	203	12	60	64	33	20	14	17%
Specialists	519	19	136	178	90	45	51	18%
Middlebury								
Primary Care	36	7	7	13	3	2	4	17%
Specialists	47	1	13	21	8	2	2	9%
Morrisville								
Primary Care	21	0	6	3	7	3	2	24%
Specialists	45	4	13	17	4	4	3	16%
Newport								
Primary Care	21	2	5	5	3	6	0	29%
Specialists	30	0	11	9	3	3	4	23%
Randolph								
Primary Care	18	0	1	5	6	4	2	33%
Specialists	31	1	8	11	5	3	3	19%
Rutland								
Primary Care	46	0	9	21	6	7	3	22%
Specialists	97	4	22	37	19	8	6	15%
Springfield								
Primary Care	24	2	3	8	5	6	0	25%
Specialists	36	0	6	10	7	8	5	36%
St. Albans								
Primary Care	33	0	9	12	7	2	3	15%
Specialists	41	2	8	14	12	2	2	10%
St. Johnsbury								
Primary Care	27	0	2	12	5	4	4	30%
Specialists	47	1	10	17	8	6	5	23%
White River Jct								
Primary Care	57	3	9	24	7	6	8	25%
Specialists	93	6	20	19	17	20	11	33%

Hospital Service Areas defined using 1997-2001 inpatient data for immediate care conditions discharges - see Appendices A and F.

Each physician is counted once in this table, in their main specialty group, and, independently, in their main service area (see Note 2).

The 'Total' column includes 3 physicians with unknown ages (see Note 1). The 'Total' lines include 9 physicians with undefined locations.

Table 31 -- VT Physicians, 2010  
 Numbers of Physicians, Full Time Equivalents (FTEs), and  
 Total Weekly Patient Care Hours, by Hospital Service Area

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL		1683 1335.8 61932	657 492.1 21898	1112 843.7 40035
Barre		169 113.5 5136	59 48.5 2151	114 65.0 2985
Bennington		126 95.5 4446	49 35.0 1736	82 60.5 2710
Brattleboro		130 81.5 3645	48 31.3 1411	90 50.2 2234
Burlington		677 536.6 25587	218 157.5 6905	486 379.1 18683
Middlebury		87 50.7 2199	38 28.2 1166	51 22.5 1033
Morrisville		65 40.0 1864	23 18.2 843	47 21.8 1022
Newport		59 42.2 1930	24 19.4 910	36 22.8 1020
Randolph		56 32.7 1452	19 13.3 584	42 19.4 868
Rutland		151 111.0 5263	50 38.0 1681	106 72.9 3582
Springfield		60 42.5 1923	27 20.7 915	35 21.8 1008
St. Albans		98 60.8 2838	37 28.6 1353	64 32.3 1485
St. Johnsbury		73 47.4 2074	28 20.1 846	51 27.3 1228
White River Jct		147 81.4 3576	64 33.3 1398	92 48.1 2178

See Appendices A and F for the definition of Hospital Service Areas.

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

Table 32 -- VT Physicians, 2010  
 Numbers of Primary Care Physicians, Full Time Equivalents (FTEs),  
 and Total Weekly Patient Care Hours, by Hospital Service Area

Count FTEs Hours	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	657 492.1 21898	299 222.9 9699	181 120.7 5424	74 59.1 2752	118 89.3 4023
Barre	59 48.5 2151	32 24.6 1097	14 12.3 539	6 5.5 229	8 6.1 285
Bennington	49 35.0 1736	27 19.3 914	12 7.6 372	6 4.3 227	4 3.8 224
Brattleboro	48 31.3 1411	22 16.0 692	15 7.5 353	4 3.5 194	7 4.3 171
Burlington	218 157.5 6905	86 61.0 2586	60 43.5 1931	31 22.7 1054	41 30.3 1333
Middlebury	38 28.2 1166	19 13.5 550	6 4.6 182	4 3.0 142	9 7.1 292
Morrisville	23 18.2 843	16 13.4 586	3 2.2 122	4 1.6 69	1 1.0 65
Newport	24 19.4 910	8 6.1 260	10 6.7 318	3 2.9 140	5 3.8 192
Randolph	19 13.3 584	8 5.4 225	5 2.7 112	2 1.5 59	7 3.7 189
Rutland	50 38.0 1681	29 22.3 996	11 6.9 299	4 3.8 180	8 5.1 206
Springfield	27 20.7 915	10 7.7 341	7 5.3 256	3 3.0 133	7 4.6 186
St. Albans	37 28.6 1353	13 9.9 463	9 5.8 261	4 3.5 162	11 9.4 467
St. Johnsbury	28 20.1 846	14 8.9 377	8 4.7 194	4 3.3 145	5 3.3 130
White River Jct	64 33.3 1398	27 14.8 612	29 11.1 485	2 .5 19	9 6.9 282

See Appendices A and F for the definition of Hospital Service Areas.

In this table physicians may be counted more than once (Note 4).  
 See Note 6 for description of OB/GYN classification.

Table 33 -- VT Physicians, 2010  
 Numbers of Specialty Care Physicians, Full Time Equivalent (FTEs),  
 and Total Weekly Patient Care Hours, by Hospital Service Area

Count FTEs Hours	SPECIALTY CARE TOTAL	ANESTHES- IOLOGY	EMERGENCY MEDICINE	INTERNAL MEDICINE	NEUROLOGY	OPHTHALM- OLOGY	PSYCHIATRY
STATEWIDE TOTAL	1112 843.7 40035	93 85.7 4180	120 84.2 3554	246 177.9 8630	39 28.3 1255	48 36.2 1712	183 130.3 5673
Barre	114 65.0 2985	7 6.0 244	13 8.6 347	22 10.8 500	4 .9 37	5 2.3 96	27 18.0 845
Bennington	82 60.5 2710	4 4.0 197	12 9.1 369	17 13.0 598	2 1.6 65	5 2.7 148	7 4.1 170
Brattleboro	90 50.2 2234	5 3.9 173	10 5.3 228	16 7.5 361	3 1.4 71	2 1.3 52	27 17.8 763
Burlington	486 379.1 18683	46 43.3 2193	22 17.5 739	120 93.0 4592	21 16.8 770	21 15.9 799	71 44.6 1919
Middlebury	51 22.5 1033	1 1.0 50	12 5.6 225	14 3.8 172	2 .2 8	4 1.7 68	4 2.4 95
Morrisville	47 21.8 1022	4 3.8 153	6 4.8 199	13 3.5 211	1 1.0 47	1 .2 9	8 1.9 75
Newport	36 22.8 1020	3 2.8 118	6 5.5 256	5 2.6 111	1 .7 32	2 1.3 53	8 3.4 135
Randolph	42 19.4 868	6 3.3 133	9 4.6 211	10 3.1 167	3 1.4 55	2 2.0 90	4 .8 31
Rutland	106 72.9 3582	5 5.0 279	18 10.8 442	32 23.1 1113	2 2.0 80	6 3.5 162	12 6.2 295
Springfield	35 21.8 1008	3 2.5 99	1 1.0 42	6 4.3 217	1 .3 12	1 1.0 54	7 4.0 190
St. Albans	64 32.3 1485	6 5.7 313	11 6.5 269	17 3.0 130	3 .6 27	2 1.2 47	4 3.8 150
St. Johnsbury	51 27.3 1228	. . . .	8 4.7 212	14 4.4 205	1 1.0 40	3 2.4 106	6 3.3 131
White River Jct	92 48.1 2178	6 4.4 228	2 .3 13	17 5.8 254	2 .3 12	2 .7 29	30 20.1 873

(continued on next page)



Table 33 (continued) -- VT Physicians, 2010  
 Numbers of Specialty Care Physicians, Full Time Equivalent (FTEs),  
 and Total Weekly Patient Care Hours, by Hospital Service Area

Count FTEs Hours	SPECIALTY CARE					
	TOTAL	GENERAL SURGERY	ORTHOP. SURGERY	OTHER SURGERY	UROLOGY	OTHER
STATEWIDE TOTAL	1112 843.7 40035	54 44.6 2313	78 59.7 2956	38 28.5 1620	24 22.3 1281	216 146.0 6861
Barre	114 65.0 2985	5 5.0 268	8 3.6 171	6 .1 5	3 2.6 159	14 7.1 313
Bennington	82 60.5 2710	6 5.6 278	6 5.8 235	2 1.5 72	2 2.0 80	20 11.2 499
Brattleboro	90 50.2 2234	3 3.0 124	13 3.6 163	1 1.0 40	2 1.8 70	9 3.7 190
Burlington	486 379.1 18683	16 10.9 612	29 25.0 1321	26 20.9 1222	12 8.3 534	114 82.8 3982
Middlebury	51 22.5 1033	2 2.0 93	3 2.0 111	1 1.0 55	2 .4 42	6 2.4 114
Morrisville	47 21.8 1022	2 1.8 91	3 2.9 143	1 .2 10	1 .7 40	8 1.1 45
Newport	36 22.8 1020	2 1.7 93	3 1.1 61	2 1.1 57	. . . . .	5 2.6 104
Randolph	42 19.4 868	2 1.9 83	2 1.6 66	. . . . .	1 .2 10	4 .6 23
Rutland	106 72.9 3582	5 4.5 267	6 5.0 266	1 .5 22	1 1.0 80	20 11.3 576
Springfield	35 21.8 1008	2 2.0 80	2 1.2 47	1 .2 8	1 1.0 43	10 4.4 215
St. Albans	64 32.3 1485	3 3.0 156	3 3.0 130	. . . . .	7 1.7 108	10 3.8 156
St. Johnsbury	51 27.3 1228	3 2.3 108	2 2.0 98	2 1.5 90	2 1.2 55	11 4.6 183
White River Jct	92 48.1 2178	3 1.1 63	4 3.1 146	1 .5 40	3 1.5 60	25 10.3 461

In this table physicians may be counted more than once (Note 4).  
 Pathologists and radiologists are excluded from this table (Note 3).  
 See Appendices A and F for the definition of Hospital Service Areas.

Table 34 -- VT Physicians, 2010  
 Primary Care Physicians: Ratio of Full Time Equivalents (FTEs)  
 to Population, by Hospital Service Area

HSA	FTEs	Population	FTEs per 100,000 Population	Population per FTE
STATEWIDE TOTAL	492.1	625,741	78.6	1,272
Barre	48.5	67,389	72.0	1,389
Bennington	35.0	40,183	87.0	1,149
Brattleboro	31.3	32,750	95.7	1,045
Burlington	157.5	175,617	89.7	1,115
Middlebury	28.2	28,404	99.2	1,008
Morrisville	18.2	26,010	70.0	1,429
Newport	19.4	28,123	68.9	1,452
Randolph	13.3	14,573	91.4	1,094
Rutland	38.1	62,360	61.0	1,639
Springfield	20.7	28,664	72.1	1,386
St. Albans	28.6	44,653	64.0	1,563
St. Johnsbury	20.1	28,519	70.5	1,418
White River Jct	33.3	48,496	68.7	1,456

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 Hospital Service Areas.

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

Population estimates are for April 2010, from the 2010 Census  
 (see Note 4 and Note 7).

Table 35 -- VT Physicians, 2010  
Age by Area Health Education Center (AHEC) Region

AHEC Region	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
STATEWIDE TOTAL								
Total	1877	73	444	638	325	210	184	21%
Primary Care	628	31	138	216	112	76	55	21%
Specialists	1249	42	306	422	213	134	129	21%
Champlain Valley								
Primary Care	267	19	76	87	43	24	18	16%
Specialists	628	22	165	224	111	50	55	17%
Northeast VT								
Primary Care	153	6	27	48	32	25	15	26%
Specialists	227	8	50	77	34	31	27	26%
Southern VT								
Primary Care	208	6	35	81	37	27	22	24%
Specialists	385	12	88	117	66	53	47	26%

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

The 'Total' column includes 3 physicians with unknown ages (see Note 1).  
The 'Total' lines include 9 physicians with undefined locations.

AHEC Regions are groups of counties - see Appendix A.

Table 36 -- VT Physicians, 2010  
 Numbers of Physicians, Full Time Equivalents (FTEs),  
 and Total Weekly Patient Care Hours,  
 by Area Health Education Center (AHEC) region

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL	1683 1335.8 61932	1683 1335.8 61932	657 492.1 21898	1112 843.7 40035
Champlain Valley	806 644.7 30489	806 644.7 30489	284 210.9 9287	553 433.9 21201
Northeast VT	405 285.4 12869	405 285.4 12869	159 127.1 5665	268 158.3 7205
Southern VT	570 405.6 18574	570 405.6 18574	223 154.1 6946	375 251.5 11629

AHEC Regions are groups of counties - see Appendix A.  
 In this table physicians may be counted more than once (Note 4).  
 Pathologists and radiologists are excluded from this table (Note 3).

Table 37 -- VT Physicians, 2010  
 Numbers of Primary Care Physicians, Full Time Equivalents (FTEs),  
 and Total Weekly Patient Care Hours,  
 by Area Health Education Center (AHEC) Region

	Count FTEs Hours	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	657 492.1 21898	657 492.1 21898	299 222.9 9699	181 120.7 5424	74 59.1 2752	118 89.3 4023
Champlain Valley	284 210.9 9287	284 210.9 9287	113 81.4 3479	73 53.4 2358	38 29.3 1358	60 46.8 2092
Northeast VT	159 127.1 5665	159 127.1 5665	84 63.5 2770	40 29.2 1313	20 15.0 651	26 19.5 931
Southern VT	223 154.1 6946	223 154.1 6946	109 78.0 3450	69 38.2 1752	17 14.8 744	32 23.1 1000

AHEC Regions are groups of counties - see Appendix A.  
 In this table physicians may be counted more than once (Note 4).  
 See Note 6 for description of OB/GYN classification.

Table 38 -- VT Physicians, 2010  
 Numbers of Specialty Care Physicians, Full Time Equivalents (FTEs),  
 and Total Weekly Patient Care Hours,  
 by Area Health Education Center (AHEC) Region

Count FTEs Hours	SPECIALTY CARE TOTAL	ANESTHES- IOLOGY.	EMERGENCY MEDICINE	INTERNAL MEDICINE	NEUROLOGY	OPHTHALM- OLOGY	PSYCHIATRY
STATEWIDE TOTAL	1112	93	120	246	39	48	183
	843.7	85.7	84.2	177.9	28.3	36.2	130.3
	40035	4180	3554	8630	1255	1712	5673
Champlain Valley	553	52	44	130	22	23	77
	433.9	50.1	29.6	99.9	17.6	18.8	50.7
	21201	2556	1233	4894	805	914	2164
Northeast VT	268	20	39	58	10	12	48
	158.3	15.9	28.2	24.5	5.0	8.2	29.2
	7205	648	1226	1201	210	354	1292
Southern VT	375	23	41	86	8	16	71
	251.5	19.7	26.5	53.5	5.7	9.2	50.4
	11629	976	1095	2535	240	444	2217

Count FTEs Hours	SPECIALTY CARE TOTAL	GENERAL SURGERY	ORTHOP. SURGERY	OTHER SURGERY	UROLOGY	OTHER
STATEWIDE TOTAL	1112	54	78	38	24	216
	843.7	44.6	59.7	28.5	22.3	146.0
	40035	2313	2956	1620	1281	6861
Champlain Valley	553	21	35	27	12	124
	433.9	15.9	30.0	21.9	10.4	89.0
	21201	860	1562	1277	684	4252
Northeast VT	268	14	15	11	6	39
	158.3	12.6	11.1	2.9	4.6	16.0
	7205	642	538	162	264	668
Southern VT	375	19	31	5	8	74
	251.5	16.1	18.6	3.7	7.2	41.0
	11629	810	856	181	333	1941

AHEC Regions are groups of counties - see Appendix A.  
 In this table physicians may be counted more than once (Note 4).  
 Pathologists and radiologists are excluded from this table (Note 3).

Table 39 -- VT Physicians, 2010  
 Primary Care Physicians: Ratio of Full Time Equivalents (FTEs)  
 to Population, by Area Health Education Center (AHEC) Region

AHEC region	FTEs	Population	FTEs per 100,000 Population	Population per FTE
STATEWIDE TOTAL	492.1	625,741	78.6	1,272
Champlain Valley	210.9	248,082	85.0	1,176
Northeast VT	127.1	177,709	71.5	1,398
Southern VT	154.1	199,950	77.1	1,297

Only primary care physicians are included in this table.

An FTE is defined as 40 (or more) hours/week, 48 weeks/year, of direct patient care in Vermont (excluding teaching, administration and research).

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.

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

Population estimates are for April 2010, from the 2010 Census (see Note 7).

AHEC Regions are groups of counties - see Appendix A.

Table 40 -- VT Physicians, 2010  
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	1877	73	444	638	325	210	184	21%
Primary Care	628	31	138	216	112	76	55	21%
Specialists	1249	42	306	422	213	134	129	21%
Barre								
Primary Care	56	3	12	16	13	8	4	21%
Specialists	89	2	15	33	14	14	11	28%
Bennington								
Primary Care	39	1	7	16	9	3	3	15%
Specialists	85	2	30	27	9	8	9	20%
Brattleboro								
Primary Care	47	1	8	17	8	5	8	28%
Specialists	77	0	12	24	14	9	17	34%
Burlington								
Primary Care	192	12	60	61	31	19	9	15%
Specialists	521	19	137	179	90	45	51	18%
Middlebury								
Primary Care	37	7	7	13	3	2	5	19%
Specialists	36	1	11	14	6	2	2	11%
Morrisville								
Primary Care	27	0	6	5	8	3	5	30%
Specialists	27	4	7	8	2	3	3	22%
Newport								
Primary Care	21	2	5	5	3	6	0	29%
Specialists	30	0	11	9	3	3	4	23%
Rutland								
Primary Care	46	0	9	21	6	7	3	22%
Specialists	115	4	28	47	21	8	6	12%
Springfield								
Primary Care	37	4	3	15	7	6	2	22%
Specialists	78	2	15	21	14	18	8	33%
St. Albans								
Primary Care	37	0	9	13	8	3	4	19%
Specialists	40	2	7	14	12	2	2	10%
St. Johnsbury								
Primary Care	30	0	2	15	5	4	4	27%
Specialists	58	1	11	23	11	7	5	21%
Wht Rvr Jct								
Primary Care	59	1	10	19	11	10	8	31%
Specialists	84	5	19	19	15	15	11	31%

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

The 'Total' column includes 3 physicians with unknown ages (see Note 1). The 'Total' lines include 9 physicians with undefined locations.

See Appendices A and G for definition of the Local Health Districts.

Table 41 -- VT Physicians, 2010  
 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		1683 1335.8 61932	657 492.1 21898	1112 843.7 40035
Barre		169 113.5 5136	59 48.5 2151	114 65.0 2985
Bennington		122 91.5 4284	45 31.2 1582	82 60.4 2702
Brattleboro		136 85.5 3806	53 35.1 1565	91 50.3 2241
Burlington		667 529.6 25300	207 150.6 6617	486 379.1 18683
Middlebury		88 51.6 2236	39 29.1 1202	51 22.5 1033
Morrisville		71 43.4 2001	29 21.6 979	47 21.8 1022
Newport		59 42.2 1930	24 19.4 910	36 22.8 1020
Rutland		151 111.0 5263	50 38.0 1681	106 72.9 3582
Springfield		103 68.8 3119	42 30.8 1327	64 38.0 1791
St. Albans		101 63.5 2953	40 31.2 1468	64 32.3 1485
St. Johnsbury		76 50.0 2198	31 22.7 970	51 27.3 1228
Wht Rvr Jct		153 85.1 3708	65 33.9 1446	101 51.3 2262

In this table physicians may be counted more than once (Note 4).  
 Pathologists and radiologists are excluded from this table (Note 3).  
 See Appendices A and G for definition of the Local Health Districts.



Table 42 -- VT Physicians, 2010  
 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	657 492.1 21898	299 222.9 9699	181 120.7 5424	74 59.1 2752	118 89.3 4023
Barre	59 48.5 2151	32 24.6 1097	14 12.3 539	6 5.5 229	8 6.1 285
Bennington	45 31.2 1582	24 16.3 792	11 6.8 340	6 4.3 227	4 3.8 224
Brattleboro	53 35.1 1565	26 19.0 814	16 8.3 385	4 3.5 194	7 4.3 171
Burlington	207 150.6 6617	78 56.2 2395	57 41.3 1835	31 22.7 1054	41 30.3 1333
Middlebury	39 29.1 1202	20 14.4 587	6 4.6 182	4 3.0 142	9 7.1 292
Morrisville	29 21.6 979	21 16.4 707	4 2.6 138	4 1.6 69	1 1.0 65
Newport	24 19.4 910	8 6.1 260	10 6.7 318	3 2.9 140	5 3.8 192
Rutland	50 38.0 1681	29 22.3 996	11 6.9 299	4 3.8 180	8 5.1 206
Springfield	42 30.8 1327	15 10.6 457	12 9.2 412	4 3.3 143	11 7.7 315
St. Albans	40 31.2 1468	15 10.8 498	10 7.6 341	4 3.5 162	11 9.4 467
St. Johnsbury	31 22.7 970	17 11.3 492	8 4.7 194	5 3.5 154	5 3.3 130
Wht Rvr Jct	65 33.9 1446	28 15.0 605	28 9.9 440	2 1.5 59	12 7.5 342

In this table physicians may be counted more than once (Note 4).  
 See Note 6 for description of OB/GYN classification.  
 See Appendices A and G for definition of the Local Health Districts.

Table 43 -- VT Physicians, 2010  
 Numbers of Specialty Care Physicians, Full Time Equivalent (FTEs),  
 and Total Weekly Patient Care Hours, by Local Health District

Count FTEs Hours	SPECIALTY CARE TOTAL	ANESTHES- IOLOGY	EMERGENCY MEDICINE	INTERNAL MEDICINE	NEUROLOGY	OPHTHALM- OLOGY	PSYCHIATRY
STATEWIDE TOTAL	1112 843.7 40035	93 85.7 4180	120 84.2 3554	246 177.9 8630	39 28.3 1255	48 36.2 1712	183 130.3 5673
Barre	114 65.0 2985	7 6.0 244	13 8.6 347	22 10.8 500	4 .9 37	5 2.3 96	27 18.0 845
Bennington	82 60.4 2702	4 4.0 197	12 8.9 362	17 13.0 598	2 1.6 65	5 2.7 148	7 4.1 170
Brattleboro	91 50.3 2241	5 3.9 173	11 5.5 235	16 7.5 361	3 1.4 71	2 1.3 52	27 17.8 763
Burlington	486 379.1 18683	46 43.3 2193	22 17.5 739	120 93.0 4592	21 16.8 770	21 15.9 799	71 44.6 1919
Middlebury	51 22.5 1033	1 1.0 50	12 5.6 225	14 3.8 172	2 .2 8	4 1.7 68	4 2.4 95
Morrisville	47 21.8 1022	4 3.8 153	6 4.8 199	13 3.5 211	1 1.0 47	1 .2 9	8 1.9 75
Newport	36 22.8 1020	3 2.8 118	6 5.5 256	5 2.6 111	1 .7 32	2 1.3 53	8 3.4 135
Rutland	106 72.9 3582	5 5.0 279	18 10.8 442	32 23.1 1113	2 2.0 80	6 3.5 162	12 6.2 295
Springfield	64 38.0 1791	7 4.8 214	2 1.3 55	11 6.1 301	1 .6 24	2 1.6 77	9 4.8 222
St. Albans	64 32.3 1485	6 5.7 313	11 6.5 269	17 3.0 130	3 .6 27	2 1.2 47	4 3.8 150
St. Johnsbury	51 27.3 1228	. . . .	8 4.7 212	14 4.4 205	1 1.0 40	3 2.4 106	6 3.3 131
Wht Rvr Jct	101 51.3 2262	8 5.3 247	9 4.6 211	22 7.0 337	4 1.4 55	3 2.2 96	28 20.1 873

(continued on next page)

Table 43 (continued) -- VT Physicians, 2010  
 Numbers of Specialty Care Physicians, Full Time Equivalent (FTEs),  
 and Total Weekly Patient Care Hours, by Local Health District

Count FTEs Hours	SPECIALTY CARE					
	TOTAL	GENERAL SURGERY	ORTHOP. SURGERY	OTHER SURGERY	UROLOGY	OTHER
STATEWIDE TOTAL	1112 843.7 40035	54 44.6 2313	78 59.7 2956	38 28.5 1620	24 22.3 1281	216 146.0 6861
Barre	114 65.0 2985	5 5.0 268	8 3.6 171	6 .1 5	3 2.6 159	14 7.1 313
Bennington	82 60.4 2702	6 5.6 278	6 5.8 235	2 1.5 72	2 2.0 80	20 11.2 499
Brattleboro	91 50.3 2241	3 3.0 124	13 3.6 163	1 1.0 40	2 1.8 70	9 3.7 190
Burlington	486 379.1 18683	16 10.9 612	29 25.0 1321	26 20.9 1222	12 8.3 534	114 82.8 3982
Middlebury	51 22.5 1033	2 2.0 93	3 2.0 111	1 1.0 55	2 .4 42	6 2.4 114
Morrisville	47 21.8 1022	2 1.8 91	3 2.9 143	1 .2 10	1 .7 40	8 1.1 45
Newport	36 22.8 1020	2 1.7 93	3 1.1 61	2 1.1 57	. . . . .	5 2.6 104
Rutland	106 72.9 3582	5 4.5 267	6 5.0 266	1 .5 22	1 1.0 80	20 11.3 576
Springfield	64 38.0 1791	5 3.1 143	5 2.7 129	2 .7 48	2 2.0 83	20 10.3 496
St. Albans	64 32.3 1485	3 3.0 156	3 3.0 130	. . . . .	7 1.7 108	10 3.8 156
St. Johnsbury	51 27.3 1228	3 2.3 108	2 2.0 98	2 1.5 90	2 1.2 55	11 4.6 183
Wht Rvr Jct	101 51.3 2262	2 1.9 83	4 3.1 129	. . . . .	2 .7 29	21 5.0 203

In this table physicians may be counted more than once (Note 4).  
 Pathologists and radiologists are excluded from this table (Note 3).  
 See Appendices A and G for definition of the Local Health Districts.

Table 44 -- VT Physicians, 2010  
 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	492.1	625,741	78.6	1,272
Barre	48.5	66,666	72.8	1,375
Bennington	31.2	37,125	83.9	1,192
Brattleboro	35.1	36,364	96.6	1,035
Burlington	150.6	156,515	96.2	1,040
Middlebury	29.1	36,687	79.3	1,261
Morrisville	21.6	30,575	70.7	1,415
Newport	19.4	28,123	68.9	1,452
Rutland	38.1	61,806	61.6	1,624
Springfield	30.8	34,045	90.5	1,105
St. Albans	31.2	54,716	57.1	1,752
St. Johnsbury	22.7	34,836	65.2	1,534
Wht Rvr Jct	33.9	48,283	70.2	1,425

Only primary care physicians are included in this table.

An FTE is defined as 40 (or more) hours/week, 48 weeks/year, of direct patient care in Vermont (excluding teaching, administration and research).

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.

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

Population estimates are for April 2010, from the 2010 Census (see Note 7).

Table 45 -- VT Physicians, 2010  
 Number of Primary Care Physicians by Rational Service Area

Count of physicians providing any primary care within each area:

	PRIMARY CARE TOTAL	FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	657	299	181	74	118
Arlington	2	1	1	.	.
Bennington	38	19	10	5	4
Bradford	7	4	1	1	2
Brandon	6	5	1	.	.
Brattleboro	33	13	10	4	6
Brighton	2	1	1	.	1
Bristol	4	2	2	.	.
Burlington	157	52	47	25	33
Cambridge	6	5	1	.	.
Castleton	13	9	3	.	3
Chelsea / Corinth	3	3	.	.	.
Enosburg	8	2	2	1	3
Essex/Williston	49	19	11	9	10
Hardwick	4	3	1	.	.
Hartford	33	15	20	.	.
Londonderry	2	1	1	.	.
Ludlow	3	1	1	.	1
Manchester	7	4	1	1	1
Middlebury	29	12	4	4	9
Milton / South Hero	22	16	4	.	2
Montpelier/Barre/Berlin	55	28	14	6	8
Morristown	15	8	2	4	1
Newport	22	7	9	3	4
Pawlet	2	1	1	.	1
Randolph	19	6	5	2	9
Rockingham	8	3	2	.	3
Rutland	32	16	7	4	5
Springfield	17	6	4	3	4
St Albans	29	10	7	4	8
St Johnsbury	28	14	8	4	5
Stowe	6	6	.	.	.
Townshend	15	9	5	.	1
Vergennes	9	7	.	.	2
Waitsfield	1	1	.	.	.
Waterbury	4	4	.	.	.
Wilmington	5	4	1	.	.
Windsor	16	5	6	1	4
Woodstock	6	3	2	.	1

In this table physicians may be counted more than once (Note 4). Rational Service Areas are groups of towns whose residents typically receive primary care services within each area. The RSAs have been revised since the 2008 report - see Appendices A and H.

Table 46 -- VT Physicians, 2010  
 Primary Care Full Time Equivalents (FTEs) by Rational Service Area

	PRIMARY CARE TOTAL	FTEs by Primary Care Type			
		FAMILY	INTERNAL	OB/GYN	PEDIATRIC
STATEWIDE TOTAL	492.1	222.9	120.7	59.1	89.3
Arlington	1.1	1.0	.1	.	.
Bennington	26.8	13.1	5.7	4.3	3.7
Bradford	6.2	3.4	.8	.2	1.7
Brandon	5.2	4.6	.6	.	.
Brattleboro	24.3	10.3	6.5	3.5	4.0
Brighton	1.1	.1	.8	.	.3
Bristol	2.5	1.0	1.5	.	.
Burlington	104.2	32.7	33.6	17.0	20.8
Cambridge	3.4	3.0	.4	.	.
Castleton	8.1	5.7	1.4	.	1.0
Chelsea / Corinth	2.1	2.1	.	.	.
Enosburg	4.8	2.0	.6	.1	2.1
Essex/Williston	39.3	17.3	7.7	5.7	8.7
Hardwick	3.4	2.7	.7	.	.
Hartford	11.5	6.4	5.1	.	.
Londonderry	1.8	1.0	.8	.	.
Ludlow	1.1	1.0	<.05	.	.1
Manchester	3.3	2.2	1.0	<.05	.1
Middlebury	20.8	7.9	3.1	3.0	6.8
Milton / South Hero	13.5	8.7	3.0	.	1.8
Montpelier/Barre/Berlin	44.2	20.2	12.3	5.5	6.1
Morristown	9.9	5.8	1.5	1.6	1.0
Newport	18.3	6.0	5.9	2.9	3.5
Pawlet	1.5	1.0	.3	.	.3
Randolph	13.3	4.1	2.7	1.5	5.0
Rockingham	5.2	1.6	1.7	.	1.9
Rutland	23.2	11.0	4.6	3.8	3.9
Springfield	12.6	4.2	2.7	3.0	2.7
St Albans	20.0	6.4	4.0	3.4	6.2
St Johnsbury	20.1	8.9	4.7	3.3	3.3
Stowe	4.9	4.9	.	.	.
Townshend	7.0	5.7	1.0	.	.3
Vergennes	5.8	5.5	.	.	.3
Waitsfield	1.0	1.0	.	.	.
Waterbury	3.3	3.3	.	.	.
Wilmington	3.8	3.0	.8	.	.
Windsor	10.1	2.9	3.9	.3	3.1
Woodstock	3.4	1.3	1.3	.	.8

An FTE is defined as 40 (or more) hours/week, 48 weeks/year, of direct patient care in Vermont (excluding teaching, administration and research). In this table physicians may be counted more than once (Note 4). Rational Service Areas are groups of towns whose residents typically receive primary care services within each area. The RSAs have been revised since the 2008 report - see Appendices A and H.

Table 47 -- VT Physicians, 2010  
 Primary Care FTE to Population Ratios, by Rational Service Area

	PRIMARY CARE FTEs	Population	FTEs per 100,000 Population	Population per FTE
STATEWIDE TOTAL	492.1	625741	78.6	1272
Arlington	1.1	3678	28.5	3503
Bennington	26.8	23313	114.9	870
Bradford	6.2	7816	78.8	1269
Brandon	5.2	4690	110.9	902
Brattleboro	24.3	22745	107.0	935
Brighton	1.1	5190	21.4	4678
Bristol	2.5	8952	27.9	3581
Burlington	104.2	95553	109.0	917
Cambridge	3.4	4936	69.0	1449
Castleton	8.1	12909	62.8	1591
Chelsea / Corinth	2.1	6890	30.6	3272
Enosburg	4.8	10709	44.9	2227
Essex/Williston	39.3	50610	77.7	1286
Hardwick	3.4	7035	48.7	2054
Hartford	11.5	17456	66.1	1513
Londonderry	1.8	2868	63.9	1564
Ludlow	1.1	5186	21.1	4751
Manchester	3.3	7446	44.5	2249
Middlebury	20.8	19217	108.1	925
Milton / South Hero	13.5	23653	56.9	1757
Montpelier/Barre/Berlin	44.2	50601	87.3	1146
Morristown	9.9	17381	57.0	1756
Newport	18.3	22262	82.0	1219
Pawlet	1.5	3341	44.9	2227
Randolph	13.3	15306	87.0	1149
Rockingham	5.2	9139	57.1	1751
Rutland	23.2	40088	58.0	1725
Springfield	12.6	16063	78.2	1279
St Albans	20.0	29429	68.0	1470
St Johnsbury	20.1	29130	69.0	1449
Stowe	4.9	4314	113.0	885
Townshend	7.0	6500	107.4	931
Vergennes	5.8	7897	73.6	1359
Waitsfield	1.0	6435	15.5	6435
Waterbury	3.3	6401	52.2	1914
Wilmington	3.8	6056	62.9	1591
Windsor	10.1	8711	116.4	859
Woodstock	3.4	5835	57.7	1734

An FTE is defined as 40 (or more) hours/week, 48 weeks/year, of direct patient care in Vermont (excluding teaching, administration and research). The FTEs are rounded to 1 digit for display only. The ratios were calculated using the unrounded values, then rounded for display. In this table physicians may be counted more than once (Note 4). Population estimates are for April 2010, from the Census Bureau (Note 7). Rational Service Areas are groups of towns whose residents typically receive primary care services within each area. The RSAs have been revised since the 2008 report - see Appendices A and H.





# Comparison Between 2008 and 2010



Table 48 -- VT Physicians, 2008 and 2010  
 Changes in Number of Physicians, Patient Care Hours  
 and Specialties, between 2008 and 2010

	2008	2010	Change	
TOTAL	1833	1877	+44	+2%
Medical Doctor (MD)	1783	1816	+33	+2%
Doctor of Osteopathy (DO)	50	61	+11	+22%
Main specialty:				
Primary Care Total	634	628	-6	-1%
Family Practice	279	284	+5	+2%
Primary Care Internal Medicine	175	167	-8	-5%
Obstetrics and Gynecology	75	68	-7	-9%
Pediatric Primary Care	105	109	+4	+4%
Specialty Care Total	1199	1249	+50	+4%
Anesthesiology	97	93	-4	-4%
Emergency Medicine	108	113	+5	+5%
Internal Medicine Specialties	217	227	+10	+5%
Neurology	41	37	-4	-10%
Ophthalmology	46	48	+2	+4%
Pathology	53	55	+2	+4%
Psychiatry	172	174	+2	+1%
Radiology	129	139	+10	+8%
Surgery: General	50	52	+2	+4%
Surgery: Orthopedic	72	76	+4	+6%
Surgery: Other	40	30	-10	-25%
Urology	22	24	+2	+9%
Other Specialties	152	181	+29	+19%
Age groups:				
less than 35	80	73	-7	-9%
35 - 44	470	444	-26	-6%
45 - 54	676	638	-38	-6%
55 - 59	259	325	+66	+25%
60 - 64	185	210	+25	+14%
65 and up	161	184	+23	+14%
Gender:				
Male	1256	1266	+10	+1%
Female	577	611	+34	+6%
Patient care hours: *				
40 or more hours/week	922	911	-11	-1%
30 to 39 hours/week	262	287	+25	+10%
less than 30 hours/week	467	485	+18	+4%

\* excluding pathologists and radiologists (see Note 3)

Table 49 -- VT Physicians, 2008 and 2010  
 Numbers of Physicians, Full Time Equivalents (FTEs), and Total  
 Weekly Patient Care Hours, by County, in 2008 and in 2010

Count FTEs Hours	2008			2010		
	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATE TOTAL	1651 1316.3 61926	660 498.2 22897	1077 818.1 39028	1683 1335.8 61932	657 492.1 21898	1112 843.7 40035
Addison County	93 54.5 2495	46 32.7 1465	51 21.8 1030	88 51.6 2236	39 29.1 1202	51 22.5 1033
Bennington County	120 91.3 4269	39 31.0 1538	82 60.4 2731	122 91.5 4284	45 31.2 1582	82 60.4 2702
Caledonia County	71 43.5 1960	28 21.0 930	51 22.5 1030	77 49.9 2172	31 22.2 931	53 27.6 1240
Chittenden County	662 519.7 24872	210 150.3 6744	485 369.4 18128	667 529.6 25300	207 150.6 6617	486 379.1 18683
Essex County	2 1.5 73	2 1.5 73	. . . .	4 2.3 113	4 2.3 113	. . . .
Franklin County	91 61.8 2999	36 28.9 1374	59 32.8 1625	100 63.0 2932	39 30.7 1447	64 32.3 1485
Grand Isle County	3 1.2 46	3 1.2 46	. . . .	2 .5 21	2 .5 21	. . . .
Lamoille County	67 38.9 1896	23 17.9 867	49 21.0 1028	67 39.7 1852	25 18.2 842	45 21.5 1010
Orange County	69 36.3 1575	26 18.0 784	46 18.3 791	65 38.9 1729	24 17.5 779	46 21.4 950
Orleans County	56 39.5 1805	23 19.9 963	34 19.6 842	58 41.1 1868	23 18.3 848	36 22.8 1020
Rutland County	162 114.7 5587	52 39.7 1902	115 74.9 3684	151 111.0 5263	50 38.0 1681	106 72.9 3582
Washington County	164 112.2 5094	55 45.9 2015	111 66.3 3080	169 113.5 5136	59 48.5 2151	114 65.0 2985
Windham County	145 95.1 4490	60 42.9 2079	90 52.3 2411	145 96.0 4299	59 42.2 1885	94 53.9 2413
Windsor County	181 106.2 4766	83 47.3 2118	108 58.9 2648	183 107.1 4729	79 42.7 1798	114 64.3 2931

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

Table 50 -- VT Physicians, 2008 and 2010  
 Primary Care Physician Full Time Equivalent (FTEs),  
 and Ratio to Population, by County, in 2008 and in 2010

County	2008			2010			Change in Ratio
	FTEs	Population	FTEs per 100,000 Population	FTEs	Population	FTEs per 100,000 Population	
STATEWIDE TOTAL	498.19	621,270	80.19	492.10	625,741	78.64	-1.54
Addison County	32.70	36,617	89.31	29.09	36,821	79.00	-10.31
Bennington County	30.96	36,382	85.09	31.15	37,125	83.91	-1.18
Caledonia County	21.01	30,470	68.97	22.24	31,227	71.22	2.25
Chittenden County	150.29	152,782	98.37	150.56	156,545	96.17	-2.19
Essex County	1.53	6,500	23.59	2.33	6,306	36.92	13.33
Franklin County	28.94	47,949	60.35	30.72	47,746	64.33	3.98
Grand Isle County	1.15	7,729	14.91	.52	6,970	7.45	-7.45
Lamoille County	17.85	24,833	71.90	18.18	24,475	74.28	2.38
Orange County	17.98	28,917	62.17	17.53	28,936	60.58	-1.59
Orleans County	19.93	27,189	73.31	18.34	27,231	67.33	-5.98
Rutland County	39.71	63,331	62.70	38.05	61,642	61.72	-.97
Washington County	45.92	58,829	78.06	48.50	59,534	81.47	3.41
Windham County	42.88	43,176	99.31	42.17	44,513	94.73	-4.58
Windsor County	47.33	56,566	83.67	42.74	56,670	75.43	-8.25

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 2 digits for display only.  
 The ratios were calculated using the unrounded values,  
 then rounded in turn to 2 digits for display.

Table 51 -- Physicians who Discontinued  
their Vermont Practice between 2008 and 2010:  
Age (in 2008) by Specialty and by Gender

	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	239	21	69	62	21	26	40	28%
MALES	169	9	46	41	13	22	38	36%
FEMALES	70	12	23	21	8	4	2	9%
PRIMARY CARE	84	7	18	25	7	9	18	32%
Family Practice	36	3	8	12	5	3	5	22%
Internal Medicine	26	3	3	9	1	2	8	38%
Ob/Gyn	12	0	2	4	0	3	3	50%
Pediatrics	10	1	5	0	1	1	2	30%
SPECIALTY CARE	155	14	51	37	14	17	22	25%
Anesthesiology	17	2	5	6	1	3	0	18%
Emergency Medicine	14	1	6	2	1	2	2	29%
Internal Medicine	24	5	7	5	4	0	3	13%
Neurology	10	1	2	2	1	1	3	40%
Ophthalmology	5	0	3	1	0	1	0	20%
Pathology	5	0	2	0	1	0	2	40%
Psychiatry	19	2	4	2	1	6	4	53%
Radiology	24	1	13	5	1	1	3	17%
Surgery: General	6	0	2	2	1	0	1	17%
Surgery: Orthopedic	4	0	1	1	0	1	1	50%
Surgery: Other	7	0	2	3	0	0	2	29%
Urology	2	0	0	2	0	0	0	0%
Other Specialties	18	2	4	6	3	2	1	17%

	Total	Percent in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	9%	29%	26%	9%	11%	17%	28%
MALES	100%	5%	27%	24%	8%	13%	22%	36%
FEMALES	100%	17%	33%	30%	11%	6%	3%	9%
PRIMARY CARE	100%	8%	21%	30%	8%	11%	21%	32%
SPECIALTY CARE	100%	9%	33%	24%	9%	11%	14%	25%

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

Table 52 -- VT Physicians Active in 2010  
 who were Not Active in 2008:  
 Age (in 2010) by Specialty and by Gender

	Total	Number in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	283	57	100	65	31	14	15	10%
MALES	176	25	61	42	22	12	14	15%
FEMALES	107	32	39	23	9	2	1	3%
PRIMARY CARE	89	24	25	23	7	4	6	11%
Family Practice	46	11	13	13	3	3	3	13%
Internal Medicine	20	1	6	6	4	1	2	15%
Ob/Gyn	7	4	2	1	0	0	0	0%
Pediatrics	16	8	4	3	0	0	1	6%
SPECIALTY CARE	194	33	75	42	24	10	9	10%
Anesthesiology	12	2	5	4	1	0	0	0%
Emergency Medicine	20	3	8	4	3	2	0	10%
Internal Medicine	39	5	17	5	7	4	0	10%
Neurology	2	1	0	0	0	0	1	50%
Ophthalmology	7	2	4	1	0	0	0	0%
Pathology	7	0	3	3	1	0	0	0%
Psychiatry	23	6	6	5	3	0	3	13%
Radiology	35	1	15	13	2	2	2	11%
Surgery: General	5	0	2	1	1	1	0	20%
Surgery: Orthopedic	8	1	2	2	3	0	0	0%
Surgery: Other	2	1	0	0	0	0	1	50%
Urology	4	0	3	1	0	0	0	0%
Other Specialties	30	11	10	3	3	1	2	10%

	Total	Percent in Age Group						Age 60+
		<35	35-44	45-54	55-59	60-64	65+	(%)
TOTAL	100%	20%	35%	23%	11%	5%	5%	10%
MALES	100%	14%	35%	24%	13%	7%	8%	15%
FEMALES	100%	30%	37%	22%	8%	2%	1%	3%
PRIMARY CARE	100%	27%	28%	26%	8%	4%	7%	11%
SPECIALTY CARE	100%	17%	39%	22%	12%	5%	5%	10%

The 'Total' column includes one physician with unknown age.  
 See Note 1 for a description of the calculation of age.

Table 53 -- Physicians who Discontinued  
their Vermont Practice between 2008 and 2010:  
Count of Physicians, Full Time Equivalents (FTEs), and  
Total Weekly Patient Care Hours (in 2008), by County

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL	210 138.9 6306		86 57.3 2557	133 81.6 3748
Addison County	17 12.0 524		15 11.2 489	3 .9 35
Bennington County	12 7.8 317		3 2.4 104	9 5.3 214
Caledonia County	8 3.6 146		2 1.0 40	6 2.6 105
Chittenden County	69 49.7 2234		23 13.9 567	48 35.8 1667
Essex County	.		.	.
Franklin County	7 3.5 151		3 .9 38	5 2.6 113
Grand Isle County	1 .5 20		1 .5 20	. . . .
Lamoille County	6 4.5 259		4 3.4 190	3 1.1 70
Orange County	10 4.1 185		3 1.2 69	8 2.9 116
Orleans County	2 1.1 63		2 1.1 63	. . . .
Rutland County	28 14.8 783		8 6.2 339	21 8.6 444
Washington County	27 16.5 690		7 5.5 222	20 11.0 468
Windham County	18 7.3 354		7 1.4 57	11 5.9 297
Windsor County	30 13.5 581		15 8.6 361	16 5.0 220

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



Table 54 -- VT Physicians Active in 2010  
 who were Not Active in 2008:  
 Count of Physicians, Full Time Equivalents (FTEs), and  
 Total Weekly Patient Care Hours (in 2010), by County

	Count FTEs Hours	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATEWIDE TOTAL		241 173.0 7752	92 61.0 2615	165 112.0 5136
Addison County		15 10.3 415	9 8.1 325	6 2.2 90
Bennington County		15 8.8 374	5 2.1 98	10 6.7 276
Caledonia County		16 12.5 559	6 4.8 205	10 7.7 354
Chittenden County		81 59.2 2746	23 16.4 704	62 42.8 2042
Essex County		1 .1 4	1 .1 4	. . .
Franklin County		14 7.3 326	5 2.9 144	9 4.5 182
Grand Isle County		. . .	. . .	. . .
Lamoille County		7 5.5 286	2 1.2 49	6 4.3 237
Orange County		14 9.5 464	3 2.3 95	13 7.2 369
Orleans County		3 2.8 131	1 1.0 50	2 1.8 81
Rutland County		20 12.5 534	5 3.0 118	15 9.6 416
Washington County		21 16.5 723	10 8.4 390	15 8.0 334
Windham County		21 11.8 498	9 4.9 195	13 7.0 303
Windsor County		32 16.1 692	15 5.9 238	20 10.2 453

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

Table 55 -- VT Physicians by Length of Time  
 Active in Vermont as of 2008,  
 and Whether Still Active in Vermont in 2010

Tenure in VT as of 2008	Physicians Active in 2008	Still Active in VT in 2010	No Longer Active in VT in 2010
TOTAL	1833 (100%)	1594	239 ( 13%)
< 1 year	95 ( 5%)	76	19 ( 20%)
1-4 years	376 ( 21%)	306	70 ( 19%)
5-9 years	341 ( 19%)	306	35 ( 10%)
10-19 years	513 ( 28%)	467	46 ( 9%)
20+ years	488 ( 27%)	429	59 ( 12%)
unknown	20 ( 1%)	10	10 ( 50%)

Percentages in the 'Active in 2008' column are based on the  
 'TOTAL' row. Percentages in the 'No Longer Active' column  
 are based on the 'Active in 2008' column.

Table 56 -- VT Primary Care Physicians  
by Length of Time Active in VT as of 2008,  
and Whether Still Active in VT in 2010

Primary Care Physicians			
Tenure in VT as of 2008	Active in 2008	Still Active in VT in 2010	No Longer Active in VT in 2010
TOTAL	634 (100%)	550	84 ( 13%)
< 1 year	31 ( 5%)	26	5 ( 16%)
1-4 years	80 ( 13%)	65	15 ( 19%)
5-9 years	118 ( 19%)	108	10 ( 8%)
10-19 years	193 ( 30%)	169	24 ( 12%)
20+ years	208 ( 33%)	180	28 ( 13%)
unknown	4 ( 1%)	2	2 ( 50%)

Percentages in the 'Active in 2008' column are based on the 'TOTAL' row. Percentages in the 'No Longer Active' column are based on the 'Active in 2008' column.



# Comparison Between 2000 and 2010



Table 57 -- VT Physicians, 2000 and 2010  
 Changes in Number of Physicians, Patient Care Hours  
 and Specialties, between 2000 and 2010

	2000	2010	Change	
TOTAL	1480	1877	+397	+27%
Medical Doctor (MD)	1437	1816	+379	+26%
Doctor of Osteopathy (DO)	43	61	+18	+42%
Main specialty:				
Primary Care Total	585	628	+43	+7%
Family Practice	258	284	+26	+10%
Primary Care Internal Medicine	164	167	+3	+2%
Obstetrics and Gynecology	64	68	+4	+6%
Pediatric Primary Care	99	109	+10	+10%
Specialty Care Total	895	1249	+354	+40%
Anesthesiology	59	93	+34	+58%
Emergency Medicine	76	113	+37	+49%
Internal Medicine Specialties	138	227	+89	+64%
Neurology	33	37	+4	+12%
Ophthalmology	45	48	+3	+7%
Pathology	42	55	+13	+31%
Psychiatry	154	174	+20	+13%
Radiology	72	139	+67	+93%
Surgery: General	42	52	+10	+24%
Surgery: Orthopedic	55	76	+21	+38%
Surgery: Other	37	30	-7	-19%
Urology	18	24	+6	+33%
Other Specialties	124	181	+57	+46%
Age groups:				
less than 35	84	73	-11	-13%
35 - 44	511	444	-67	-13%
45 - 54	539	638	+99	+18%
55 - 59	177	325	+148	+84%
60 - 64	78	210	+132	+169%
65 and up	86	184	+98	+114%
Gender:				
Male	1088	1266	+178	+16%
Female	392	611	+219	+56%
Patient care hours: *				
40 or more hours/week	779	911	+132	+17%
30 to 39 hours/week	219	287	+68	+31%
less than 30 hours/week	368	485	+117	+32%

\* excluding pathologists and radiologists (see Note 3)

Table 58 -- VT Physicians, 2000 and 2010  
 Numbers of Physicians, Full Time Equivalents (FTEs), and Total  
 Weekly Patient Care Hours, by County, in 2000 and in 2010

Count FTEs Hours	2000			2010		
	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL	TOTAL	PRIMARY CARE TOTAL	SPECIALTY CARE TOTAL
STATE TOTAL	1369 1093.4 52667	612 472.2 22504	833 621.3 30163	1683 1335.8 61932	657 492.1 21898	1112 843.7 40035
Addison County	71 46.1 2106	38 27.7 1241	37 18.4 865	88 51.6 2236	39 29.1 1202	51 22.5 1033
Bennington County	109 84.7 4036	42 31.5 1542	69 53.2 2494	122 91.5 4284	45 31.2 1582	82 60.4 2702
Caledonia County	57 41.1 1901	23 19.9 902	36 21.2 998	77 49.9 2172	31 22.2 931	53 27.6 1240
Chittenden County	508 397.0 19210	181 130.9 6046	359 266.0 13164	667 529.6 25300	207 150.6 6617	486 379.1 18683
Essex County	5 3.4 180	5 3.4 180	. . . .	4 2.3 113	4 2.3 113	. . . .
Franklin County	78 55.0 2676	38 30.5 1516	43 24.5 1160	100 63.0 2932	39 30.7 1447	64 32.3 1485
Grand Isle County	3 1.3 78	3 1.3 78	. . . .	2 .5 21	2 .5 21	. . . .
Lamoille County	56 35.7 1748	26 20.5 995	36 15.2 753	67 39.7 1852	25 18.2 842	45 21.5 1010
Orange County	49 29.7 1410	23 14.5 679	30 15.2 731	65 38.9 1729	24 17.5 779	46 21.4 950
Orleans County	45 32.3 1619	22 18.1 994	25 14.2 625	58 41.1 1868	23 18.3 848	36 22.8 1020
Rutland County	139 100.8 5076	57 45.7 2236	85 55.1 2841	151 111.0 5263	50 38.0 1681	106 72.9 3582
Washington County	127 95.8 4524	45 41.9 1997	85 53.9 2527	169 113.5 5136	59 48.5 2151	114 65.0 2985
Windham County	126 87.0 4195	53 37.1 1787	78 49.9 2408	145 96.0 4299	59 42.2 1885	94 53.9 2413
Windsor County	138 83.1 3891	77 49.1 2310	71 34.0 1581	183 107.1 4729	79 42.7 1798	114 64.3 2931

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



Table 59 -- VT Physicians, 2000 and 2010  
 Primary Care Physician Full Time Equivalent (FTEs),  
 and Ratio to Population, by County, in 2000 and in 2010

County	2000			2010			Change in Ratio
	FTEs	Population	FTEs per 100,000 Population	FTEs	Population	FTEs per 100,000 Population	
STATEWIDE TOTAL	472.15	608,827	77.55	492.10	625,741	78.64	1.09
Addison County	27.74	35,974	77.12	29.09	36,821	79.00	1.88
Bennington County	31.47	36,994	85.08	31.15	37,125	83.91	-1.17
Caledonia County	19.89	29,702	66.97	22.24	31,227	71.22	4.25
Chittenden County	130.93	146,571	89.33	150.56	156,545	96.17	6.84
Essex County	3.40	6,459	52.62	2.33	6,306	36.92	-15.70
Franklin County	30.50	45,417	67.16	30.72	47,746	64.33	-2.83
Grand Isle County	1.30	6,901	18.90	.52	6,970	7.45	-11.44
Lamoille County	20.51	23,233	88.29	18.18	24,475	74.28	-14.01
Orange County	14.53	28,226	51.46	17.53	28,936	60.58	9.12
Orleans County	18.09	26,277	68.84	18.34	27,231	67.33	-1.51
Rutland County	45.67	63,400	72.04	38.05	61,642	61.72	-10.31
Washington County	41.86	58,039	72.13	48.50	59,534	81.47	9.34
Windham County	37.13	44,216	83.97	42.17	44,513	94.73	10.76
Windsor County	49.11	57,418	85.54	42.74	56,670	75.43	-10.11

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 2 digits for display only.  
 The ratios were calculated using the unrounded values,  
 then rounded in turn to 2 digits for display.



# Appendices



## Appendix A. General Notes and Terms

### Definition of Active Physician

A physician who was relicensed for the period 2011-2012 in Vermont, and who provided patient care hours in Vermont as reported in the survey. Physicians who were licensed in Vermont for the first time in late 2010, and were not required to relicense at this time, are not included. *Locum tenens* and residents and fellows are excluded.

### 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. Residents, clinical fellows, research fellows, and work done on a *locum tenens* basis are excluded from all tables. (*Locum tenens* practitioners fill positions on a temporary basis when practitioners are on sabbatical, vacation, or absent for an extended period.) Pathologists and radiologists are excluded from tables that list hours or FTEs.

### Specialties

Physicians reported their specialties using a list of predefined codes that was provided along with the survey form (see Appendix D). 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.
- Internal Medicine includes general internal medicine and geriatric internal medicine. Internal Medicine in a “hospitalist” 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
- Internal Medicine includes several internal medicine subspecialties
- Neurology
- Ophthalmology
- Pathology (excluded from some tables as noted)
- Psychiatry
- Radiology (excluded from some tables 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
- 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 includes some of the groups listed above.)

## Hospitalists

Hospitalists provide general care to hospitalized inpatients. In previous surveys Hospitalist was listed as a practice setting, but not as a specialty. In the 2010 survey Hospitalist was included in the list of specialties, as well as a practice setting. 16 physicians selected Hospitalist as both their main specialty and their practice setting, while 69 physicians chose Hospitalist as their main practice setting while reporting a separate specialty, in 41 of those cases Internal Medicine. Physicians who chose Hospitalist as their specialty are included in the category "Other Specialties" in most of the tables. The exceptions are: In Tables 16, 19 and 28 Hospitalist is shown as a separate category. In Table 18 those who selected Hospitalist as a specialty are listed separately with the "Other Specialties" section, and those who selected Internal Medicine as their specialty and Hospitalist as their practice setting are listed as a subspecialty under Internal Medicine. A new Table has also been added, Table 17, which includes all physicians who selected Hospitalist as either a specialty or a practice setting.

## 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.

## 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 the 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.

## **Hospital Service Areas**

The Hospital Service Areas (HSAs) in this report (and in the 2002-2008 reports) differ from both the HSAs and the Health Care Areas in the reports from surveys prior to 2002. Hospital Service Areas (HSAs) are based on inpatient discharges (1997-2001) where the diagnosis indicates the need for immediate care. Unlike previous versions of HSAs, all Vermont towns have been assigned to a Vermont HSA. The name of each HSA is based on the most populous town in that service area. See Appendix F for a map of the HSAs.

## **Area Health Education Centers**

The Area Health Education Center regions (AHECs) are defined as groups of counties: The Champlain Valley AHEC includes Addison, Chittenden, Franklin, and Grand Isle counties. The Northeast Vermont AHEC includes Caledonia, Essex, Lamoille, Orange, Orleans, and Washington counties. The Southern Vermont AHEC includes Bennington, Rutland, Windham, and Windsor counties. See Appendix E for a map of the counties.

## **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.

## **Rational Service Areas**

The Rational Service Areas (RSAs) are groups of towns whose residents typically receive primary care services within each area. The RSAs were defined using data from Medicare and Medicaid, and the Behavioral Risk Factor Survey. The RSAs in this report differ from previous reports – they have been redefined so as to absorb the “out of state care” areas. RSAs are used for determining areas of medical under-service. See Appendix H for a map of the RSAs.

## **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 hospital service area, etc.

## **Numerical precision**

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

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

Most of the tables contain information that is individual-based (e.g., age, sex, main specialty). 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**

DOs reported their age directly in the survey. Ages of MDs in the 2010 survey were calculated as of 11/30/10, based on the date of birth. For example, a person born between January and November 1968 is considered 42 years old, but those born in December 1968 are considered 41 years old. Tables that refer to physicians' age in 2008 are based on ages as of 11/30/08.

### **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 and Radiologists**

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, and are not included in any table quantifying patient care (e.g., as FTEs). (But note that some practitioners whose main specialty is pathology may also provide some other kind of care that is counted as direct patient care.)

### **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 town, more than one county, and in both the “primary” and “specialty” columns.

Because of this inclusive approach taken in tallying providers across many practice locations, the numbers in the “Total” rows and “Total” columns will generally be less than the sum of the individual rows and columns. This applies to the county totals which sum the town-level provider counts, the state totals which sum the county-level counts, and the “Total” of primary and secondary care combined. Unlike the totals for the counts of providers, however, the numbers listed in the “Total” rows and “Total” columns for the “FTE” and “Hours” statistics *do* equal the sums of the individual items (except for rounding error). The above notes regarding totals apply as well to the “OB/Gyn Care Total” in the tables summarizing Primary Care Physicians.

See also Note 22 regarding the calculation of weekly hours and FTEs.

(note 5 skipped intentionally)

### **6. Obstetrics, Gynecology, and Obstetrics and Gynecology**

Since 2002 “Gynecology Only” is no longer listed separately from “OB/Gyn”.



7. **Population Estimates**

The 2010 population estimates used in this report are directly from the Census Bureau, as counted by the April, 2010 Census. Population data for the 2004, 2006 and 2008 surveys were also from the Census Bureau. For the 2002 survey population data were from Claritas, Inc. After the 2000 Census, estimates for 1991-1999 were revised to better reflect actual population trends. These revised intercensal estimates were used in the comparison table on page 4, and will not match reports published prior to 2001.

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, prorated 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. (Home visits are counted as ambulatory care.) This is comparable to the 2004-2008 survey reports, but unlike the report from the 2002 survey, the wording of which did not allow a distinction between hospital-affiliated outpatient offices and hospital inpatient services. In surveys prior to 2002 the list of settings was different from the later surveys. These differences did not seem to make a large difference in the computed percentages accepting new patients. Nevertheless, these percentages are not precisely comparable across surveys.

12. **Geographical Regions**

States were grouped into the following regions:

New England: ME, NH, VT, MA, CT, RI

Mid Atlantic: 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

(note 13 skipped intentionally)

14. **Residency by Region**

If there was more than one residency for a physician, each in a different region, then this physician was counted in each region. If more than one residency was listed within the same region, then they are counted as one. The percentages for all the regions within a row may add up to more than 100, due to the multiple residencies.

(notes 15 and 16 skipped intentionally)

17. **Determining UVM Training**

In those cases where a physician reported more than one residency program, if any residency was at UVM (FAHC) then the physician was counted as having completed an UVM residency. 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.

(notes 18 through 21 skipped intentionally)

22. **Patient Care Hours**

"Full Time" is defined here as 40 (or more) hours of direct patient care per week in Vermont, 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.



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# Appendix C: Clinical Practice Questions

If you have any questions on this section, please call (802) 863-7300 or 1-800-869-2871.

### INSTRUCTIONS

Please fill in bubbles. Example: . . . . .

Please print legibly using a dark blue or black pen and UPPERCASE letters.

Scans well  
 Does not scan well

Vermont License Number

0	4	2	0	0					
---	---	---	---	---	--	--	--	--	--

First Name 

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

Middle Name 

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

Last Name 

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

Gender:  Male  
 Female

1. Please fill in all of the boxes that describe your practice: ("Active" means providing direct patient care.)

Active in clinical practice in Vermont       Administration  
 Active in clinical practice outside Vermont       Teaching  
 Not currently in active practice       Research

**--- If you don't provide patient care in Vermont, please stop here and return with your license renewal.**

2. Are you currently in residency or fellowship training?       Yes       No

**--- If Yes, please stop here and return with your license renewal.**

Use 2-letter abbreviations for states; CC for Canada, XX for other foreign countries:

3. Please enter the two letter code for the state where you earned your medical degree: 

--	--

 State of Medical School

4. Please enter the two letter code(s) for the state(s) in which you did your residency or residencies: 

--	--

--	--

--	--

 State(s) of Residency

5. When did you start practicing medicine (anywhere) (excluding residency/fellowship training)? 

--	--	--	--

 Year started practice

6. When did you start practicing medicine in Vermont (excluding residency/fellowship training)? 

--	--	--	--

 Year started in Vermont

7. Do you plan to retire, or leave your Vermont practice, within the next 5 years?       Yes       No

8. Do you plan to reduce your patient care hours in Vermont within the next 5 years?       Yes       No

9. For each location in Vermont where you provide patient care, please enter the Vermont town name (not a mailing address) here, and answer the questions on the next page for these sites respectively. If practicing in two settings within the same town, enter as separate "sites".

**SITE 1**

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

 ---- Vermont town name

**SITE 2**

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

**SITE 3**

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

If you work at additional sites, please add (on margin or separate sheet) similar information about them.



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# Clinical Practice Questions (continued from previous page)

When entering specialties, please use the 4-digit codes from the enclosed list of specialties. For each specialty, enter the (estimated) number of weeks per year, and hours in a working week, during which you provide direct patient care, including diagnosis, treatment, and clinical reporting. Exclude on-call hours.

Please re-enter your License Number for scanning purposes									
0	4	2	0	0					

### Practice sites in VERMONT:

10. Choose the **ONE** description that **best fits** your practice (at each site). This is *not* related to practice ownership.

	SITE 1	SITE 2	SITE 3
Ambulatory care, including associated hospital care: . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ambulatory care, without hospital care: . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Office-based specialty care, including hospital care: . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Office-based specialty care, without hospital care: . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hospital-based specialty care (e.g., pathology, E.R.): . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inpatient care only (hospitalist): . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student health center (providing care to students only): . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business or work site (providing care to employees only): . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extended care / nursing home (with or w/o hospital care): . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: (please specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. For each site, enter the number of **WEEKS per year** during which you provide any direct patient care there: (48 weeks per year is considered "year-round".) . . . . .

	SITE 1	SITE 2	SITE 3
	<input type="text"/>	<input type="text"/>	<input type="text"/>

12. Primary **Specialty** at each site (4-digit code): . . . . .  
(specialty name, if code not found on yellow sheet) . . . . .

	SITE 1	SITE 2	SITE 3
	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>HOURS</b> per week in Primary Specialty: . . . . .	<input type="text"/>	<input type="text"/>	<input type="text"/>
Secondary <b>Specialty</b> , if any: . . . . .	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>HOURS</b> per week in Secondary Specialty: . . . . .	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tertiary <b>Specialty</b> , if any: . . . . .	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>HOURS</b> per week in Tertiary Specialty: . . . . .	<input type="text"/>	<input type="text"/>	<input type="text"/>

13. Please answer each question, Yes or No:

	SITE 1		SITE 2		SITE 3	
	Yes	No	Yes	No	Yes	No
I will accept new patients here . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I participate in Medicaid here . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I will accept new Medicaid patients here . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I participate in Medicare here . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I will accept new Medicare patients here . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I work as a locum tenens here . . . . .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



**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)

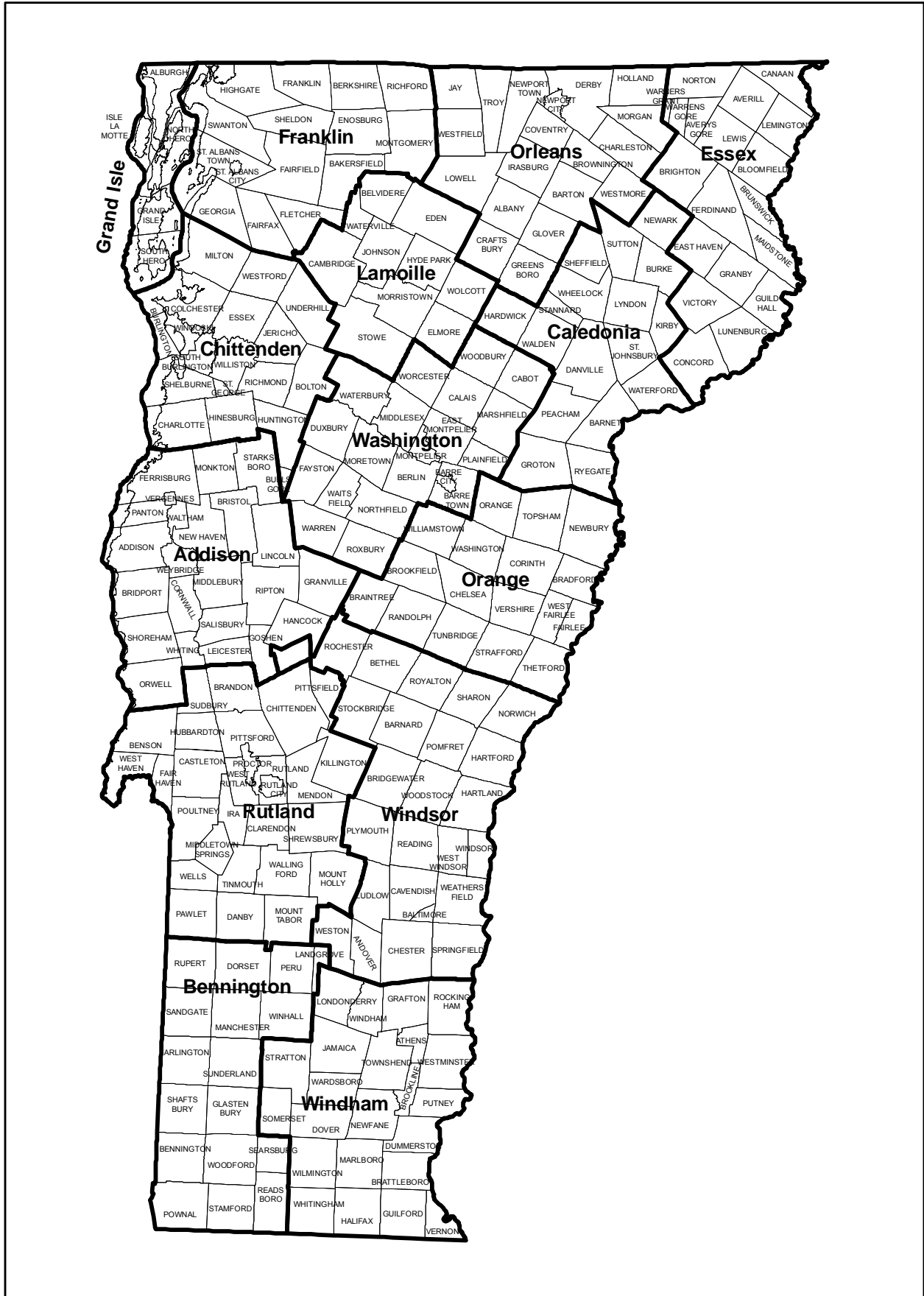
(primary care specialties in boldface)

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		

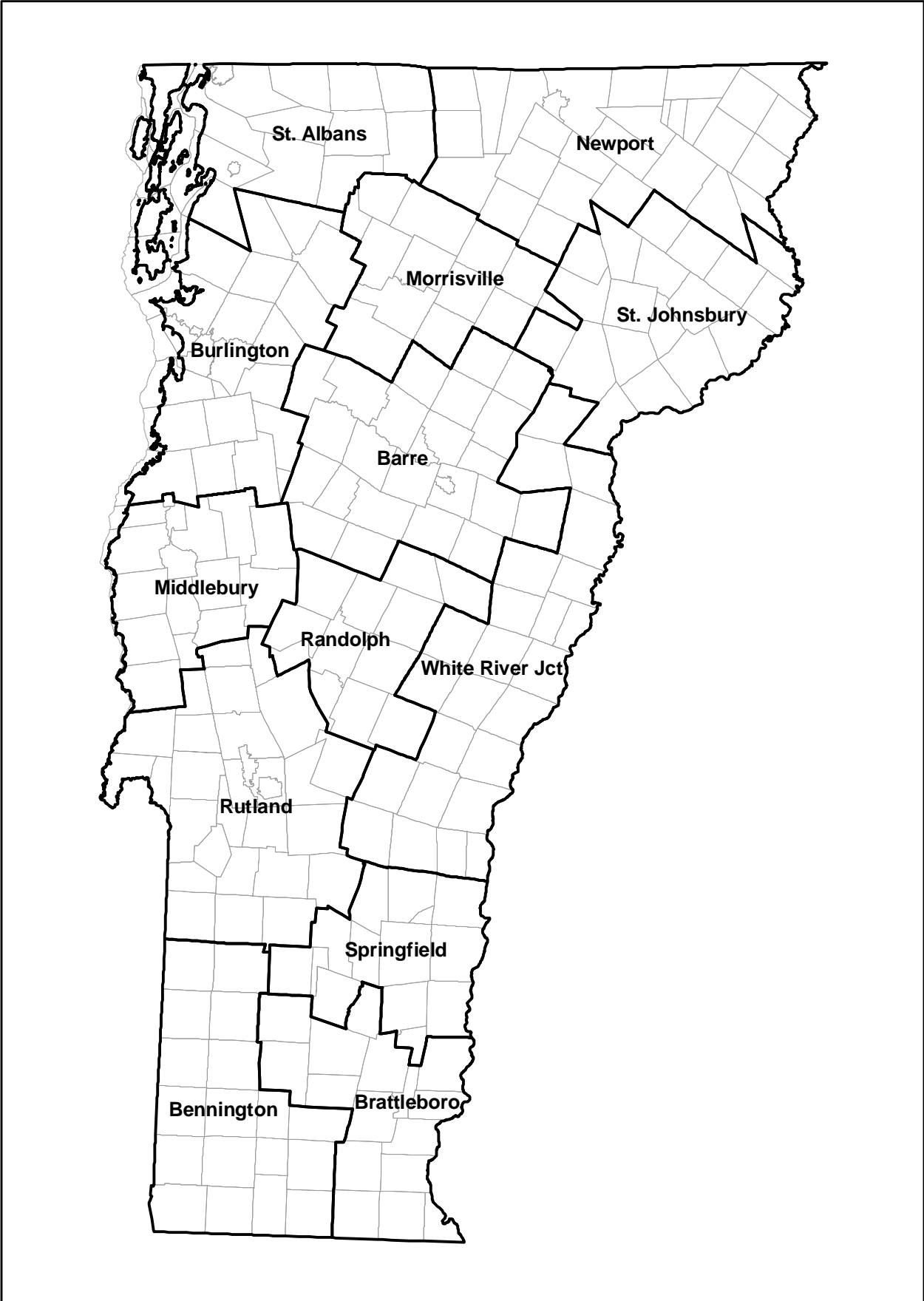
CODES CONTINUED ON FRONT

rev. 2/2011

# Appendix E: Vermont Counties and Towns

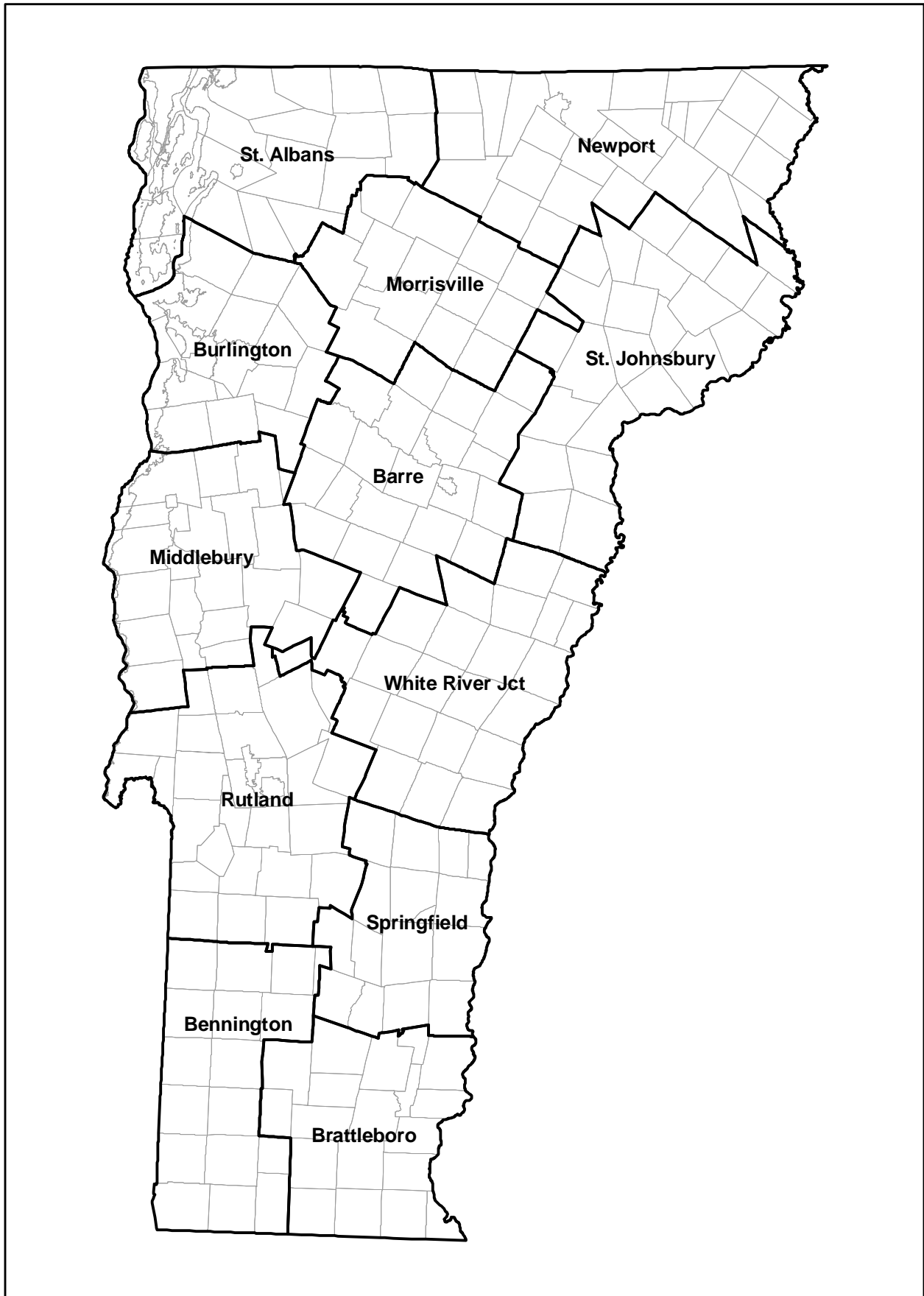


Appendix F: Hospital Service Areas





# Appendix G: Local Health Districts



Appendix H: Rational Service Areas

