



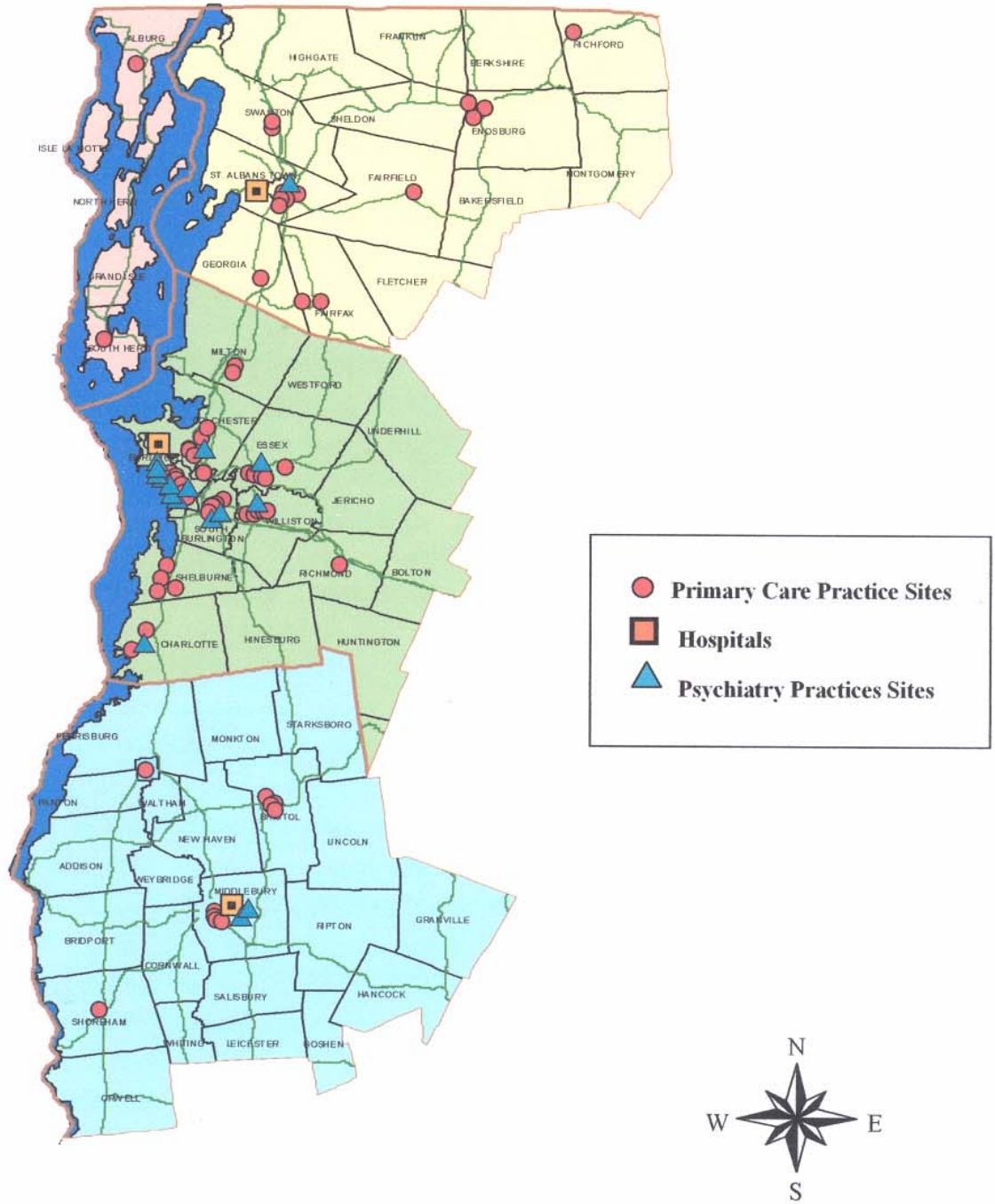
**Champlain Valley Area
Health Education Center**

Primary Care Survey 2006



Champlain Valley Area Health Education Center
152 Fairfield Street, St. Albans, VT 05478
T: 802-527-1474
F: 802-527-1632
www.cvahec.org

Champlain Valley Area Health Education Center Primary Care Practices



2006 Primary Care Survey

The Champlain Valley Area Health Education Center (CVAHEC) Primary Care Survey aims to identify the distribution of all primary care physicians, physician assistants, certified nurse midwives and nurse practitioners in the disciplines of family medicine, internal medicine, obstetrics and gynecology, pediatrics and psychiatry in Addison, Chittenden, Franklin and Grand Isle Counties.

The following pages outline numbers and types of providers, their locations and full time equivalencies (FTEs). In addition, comparison data is offered regarding recommendations for an adequate supply of primary care physicians within each discipline.

Data Collection

Data collected includes information on physicians (MD, DO), physician assistants (PA), nurse practitioners (NP) and certified nurse midwives (CNM) actively practicing in Addison, Chittenden, Franklin and Grand Isle Counties in the disciplines of family medicine, internal medicine, obstetrics & gynecology, pediatrics and psychiatry as of April 1, 2006. Medical residents, clinical fellows and research fellows are not included.

Beginning in January 2006, a list of 125 family medicine, internal medicine, obstetric and gynecologic, pediatric, and psychiatric practices in Addison, Chittenden, Franklin and Grand Isle Counties was generated from the CVAHEC provider database. Each was sent a survey asking for basic practice site information. Of the 125 practices, all returned the survey. **In sum, a total of 268 physicians and 113 PA/NP/CNMs from 120 practice sites (five sites closed since the 2005 survey) are included in the following report.** Only information offered by the practices as per the Primary Care Survey questionnaire is included. All information is current as of April 1, 2006.

Survey Limitations

- ◆ Only practices that were included in the CVAHEC provider database as of January 1, 2006 were sent survey forms.
- ◆ Information provided on the survey was self-reported and was not further verified in its entirety. Therefore, any data included in this report is subject to the usual limitations associated with the use of self-reported, mailed surveys.
- ◆ Any practice or personnel changes included on the returned surveys that were set to take place after April 1, 2006 are not included here.
- ◆ Obstetrics and gynecology (OB/GYN) includes providers who reported a solely gynecological practice or a solely obstetric practice, along with those who reported working in both obstetrics and gynecology.
- ◆ Only office settings are counted, including: private practices, community health centers, Planned Parenthood sites, university health centers, and VA outreach and hospital outpatient clinics. Any providers that provide strictly hospital work is assumed to be unrelated to the provider's office practice and is not counted here.
- ◆ Recommended full time equivalencies (FTEs) are based on data supplied by the Graduate Medical Education National Advisory Committee (GMENAC). This data is approximately 25 years old. To our knowledge, nothing more current was available at the time of this report's publication.

The Tables

- ◆ Psychiatry FTEs are not gathered or calculated for this report nor are they included in the tables.
- ◆ Providers practicing on a Per Diem basis are included in any accounting of *numbers of providers* but are not included in *FTE calculations*. Each instance of such is noted in its respective table.
- ◆ Any columns that read *overall primary care* refer to providers in all disciplines except psychiatry, which is counted separately.
- ◆ All provider shortage areas have been highlighted in red.

Survey Definitions

2005 Estimated Population:

All population figures in this report are provided by the Census Bureau's Population Estimates Program. See www.census.gov for more information.

Full Time Equivalency (FTE):

A full time equivalency is defined as 40 (or more) hours/week, 48 weeks/year. No one person can be more than one FTE. FTEs for a single provider can also be allocated among multiple locations for clinicians practicing at multiple sites. To obtain the full time equivalency for a physician (MD, DO), the total in-office patient hours are multiplied by the appropriate adjustment factor for his/her discipline as provided by the federal Department of Health and Human Services (see below) and then divided by 40.

- Family Medicine: 1.4
- Internal Medicine: 1.8
- OB/GYN: 1.9
- Pediatrics 1.4

To obtain the FTE for PA/NP/CNMs, in-office patient hours are divided by 40 (no upward adjustment is made for these providers). FTEs for psychiatry are not included in this report.

Physician:

Any medical professional holding a valid degree and licensure as a medical doctor (MD) or doctor of osteopathy (DO).

Primary Care Provider:

Any medical professional with whom a patient has initial contact and by whom the patient may be referred to a specialist for further treatment. For the purposes of this report, primary care providers include physicians (MD and DO), physician assistants (PA), nurse practitioners (NP) and certified nurse midwives (CNM) who practice in the disciplines of family medicine, internal medicine, obstetrics and gynecology, pediatrics and psychiatry.

Primary Care Survey 2006 – Champlain Valley

There are **268** primary care physicians, **37** psychiatrists and **113** PA/NP/CNMs practicing for a population of **242,195** in the Champlain Valley region. The total full time equivalency (FTE) for physicians (not including psychiatrists) is **219.5** compared to a recommended FTE of **195.0**. The total FTE for PA/NP/CNMs is **68.1** as compared to recommended FTE of **64.9**.

Overall, there appears to be an adequate number of physicians in the Champlain Valley but, regionally, there are shortages in Family Medicine and Internal Medicine. Also, it should be noted that 25% of all physicians in the region and specifically 42% of those in internal medicine are not accepting new patients.

There are also shortages of PA/NP/CNMs in Internal Medicine and Pediatrics with overall physician and PA/NP/CNM shortages in Franklin and Grand Isle Counties.

Please note: all shortage areas in the tables below are highlighted in red.

Table 1: Champlain Valley Regional Overview: Physicians

Discipline	Total Number	Actual FTE	Recommended FTE	Not Accepting New Patients	% Not Accepting
Family Medicine	97	75.6*	78.7	31	32%
Internal Medicine	64	57.2**	68.1	27	42%
OB/GYN	47	40.1	22.3	3	6%
Pediatrics	60	46.6***	25.9	7	12%
TOTAL	268	219.5	195.0	68	25%
Psychiatry	37	N/A	N/A	8	22%

* does not include 1 Per Diem provider

** does not include 1 Per Diem provider

*** does not include 2 Per Diem providers

Table 2: Champlain Valley Regional Overview: PA/NP/CNM

Discipline	Total Number	Actual FTE	Recommended FTE	Not Accepting New Patients	% Not Accepting
Family Medicine	47	30.4*	26.2	6	13%
Internal Medicine	22	15.7	22.7	2	9%
OB/GYN	38	19**	7.4	0	0%
Pediatrics	6	3.1	8.6	2	33%
TOTAL	113	68.1	64.9	10	9%
Psychiatry	1	N/A	N/A	1	100%

* does not include 2 Per Diem providers

** does not include 10 providers that did not report hours

Table 3: Summary by County – Physicians

Addison County 2005 Estimated Population: 36,965				
	Total Number	Actual FTEs	Recommended FTEs	% Not Accepting New Patients
Family Medicine	19	15.6	12.0	68%
Internal Medicine	6	6.0	10.4	0%
OB/GYN	4	4.0	3.4	0%
Pediatrics	11	7.6	4.0	0%
Overall Primary Care	40	33.2	29.8	32%
Psychiatry	3	N/A	N/A	0%
Chittenden County 2005 Population Estimate: 149,613				
	Total Number	Actual FTEs	Recommended FTEs	% Not Accepting New Patients
Family Medicine	62	47.5*	48.6	26%
Internal Medicine	48	43.1**	42.0	52%
OB/GYN	39	33.5	13.8	8%
Pediatrics	37	29.1***	16.0	19%
Overall Primary Care	186	153.2	120.4	27%
Psychiatry	31	N/A	N/A	27%
Franklin County 2005 Population Estimate: 47,914				
	Total Number	Actual FTEs	Recommended FTEs	% Not Accepting New Patients
Family Medicine	13	11.0	15.6	15%
Internal Medicine	10	8.1	13.5	20%
OB/GYN	4	2.6	4.4	0%
Pediatrics	12	9.9	5.1	0%
Overall Primary Care	39	31.6	38.6	10%
Psychiatry	3	N/A	N/A	0%
Grand Isle County 2005 Population Estimate: 7,703				
	Total Number	Actual FTEs	Recommended FTEs	% Not Accepting New Patients
Family Medicine	3	1.5	2.5	0%
Internal Medicine	0	---	2.2	---
OB/GYN	0	---	0.7	---
Pediatrics	0	---	0.8	---
Overall Primary Care	3	1.5	6.2	0%
Psychiatry	0	N/A	N/A	---

* does not include 1 Per Diem provider

** does not include 1 Per Diem provider

*** does not include 2 Per Diem providers

Table 3: Summary by County – PA/NP/CNM

Addison County 2005 Population Estimate: 36,965				
	Total Number	Actual FTEs	Recommended FTES	% Not Accepting New Patients
Family Medicine	6	5.1	4.0	17%
Internal Medicine	0	---	3.5	---
OB/GYN	2	0.8	1.1	0%
Pediatrics	0	---	1.3	---
Overall Primary Care	8	5.9	9.9	12%
Psychiatry	0	N/A	N/A	---
Chittenden County 2005 Population Estimate: 149,613				
	Total Number	Actual FTEs	Recommended FTES	% Not Accepting New Patients
Family Medicine	31	18.2*	16.2	16%
Internal Medicine	16	11.5	14.0	13%
OB/GYN	35	17.4**	4.6	0%
Pediatrics	6	3.1	5.3	34%
Overall Primary Care	88	50.2	40.1	10%
Psychiatry	1	N/A	N/A	100%
Franklin County 2005 Population Estimate: 47,914				
	Total Number	Actual FTEs	Recommended FTES	% Not Accepting New Patients
Family Medicine	9	6.7	5.2	0%
Internal Medicine	5	3.6	4.5	0%
OB/GYN	1	0.8	1.5	0%
Pediatrics	0	---	1.7	---
Overall Primary Care	15	11.1	12.9	0%
Psychiatry	0	N/A	N/A	---
Grand Isle County 2005 Population Estimate: 7,703				
	Total Number	Actual FTEs	Recommended FTES	% Not Accepting New Patients
Family Medicine	1	0.4	0.8	0%
Internal Medicine	1	0.6	0.7	0%
OB/GYN	0	---	0.2	---
Pediatrics	0	---	0.3	---
Overall Primary Care	2	1.0	2.0	0%
Psychiatry	0	N/A	N/A	---

* does not include 2 Per Diem providers

** does not include 10 providers that did not report in-office patient hours

Table 4: Summary by County – PA/NP/CNM by Degree

Addison County 2005 Estimated Population: 36,965			
	Total Number	Actual FTEs	Recommended FTEs
Physician Assistant	2	1.9	---
Nurse Practitioner	6	4.0	---
Certified Nurse Midwife	0	---	---
Total	8	5.9	9.9
Chittenden County 2005 Estimated Population: 149,613			
	Total Number	Actual FTEs	Recommended FTEs
Physician Assistant	21	13.2*	---
Nurse Practitioner	52	29.6**	---
Certified Nurse Midwife	15	7.3***	---
Total	88	50.2	40.1
Franklin County 2005 Estimated Population: 47,914			
	Total Number	Actual FTEs	Recommended FTEs
Physician Assistant	9	7.3	---
Nurse Practitioner	6	3.8	---
Certified Nurse Midwife	0	---	---
Total	15	11.1	12.9
Grand Isle County 2005 Estimated Population: 7,703			
	Total Number	Actual FTEs	Recommended FTEs
Physician Assistant	1	0.6	---
Nurse Practitioner	1	0.4	---
Certified Nurse Midwife	0	---	---
Total	2	1.0	2.0

* does not include 1 Per Diem provider

** does not include 1 Per Diem provider & 4 providers that did not report hours

*** does not include 6 providers that did not report in-office patient hours

Table 5: Summary – Comparison to 2005

<i>Champlain Valley Summary</i>	2006	2005
Population	242,195	241,350
No. of primary care physicians (all but psychiatry)	268	272
Physician FTEs (all but psychiatry)	219.5	202.2
Number of psychiatrists	37	36
% <i>not</i> accepting new patients (all physicians)	25%	26%
Number of PA/NP/CNMs	113	109
PA/NP/CNM FTEs	68.1	62.3
% <i>not</i> accepting new patients	9%	9%

<i>Addison County</i>	<i>Physicians</i>		<i>PA/NP/CNM</i>	
	2006	2005	2006	2005
Family Medicine	19	19	6	6
Internal Medicine	6	5	0	0
OB/GYN	4	4	2	2
Pediatrics	11	10	0	0
Overall Primary Care	40	38	8	8
Psychiatry	3	2	0	0
<i>Chittenden County</i>	<i>Physicians</i>		<i>PA/NP/CNM</i>	
	2006	2005	2006	2005
Family Medicine	62	54	31	29
Internal Medicine	48	52	16	17
OB/GYN	39	40	35	34
Pediatrics	37	46	6	6
Overall Primary Care	186	192	88	86
Psychiatry	31	31	1	0
<i>Franklin County</i>	<i>Physicians</i>		<i>PA/NP/CNM</i>	
	2006	2005	2006	2005
Family Medicine	13	13	9	7
Internal Medicine	10	9	5	4
OB/GYN	4	5	1	1
Pediatrics	12	12	0	0
Overall Primary Care	39	39	15	12
Psychiatry	3	3	0	1
<i>Grand Isle County</i>	<i>Physicians</i>		<i>PA/NP/CNM</i>	
	2006	2005	2006	2005
Family Medicine	3	1	1	1
Internal Medicine	0	1	1	1
OB/GYN	0	0	0	0
Pediatrics	0	1	0	0
Overall Primary Care	3	3	2	2
Psychiatry	0	0	0	0

Primary Care Survey Form 2006

Practice Name: SAMPLE
 Mailing Address: Address
 City Sta Zip
 County: Chittenden
 Telephone Number: (802) 555-1212 Fax #:
 Practice Manager: Eileen Sample, MD
 Practice Manager Email Address: _____

Practitioner Name	Degree (MD DO PA NP CNM)	Specialty	# of In Office Patient Hours	Accepting New Patients?	Accepting Medicare Patients?	Accepting Medicaid Patients?
John Doe	MD	Internal Medicine	____ hrs/week	Yes No	Yes No	Yes No
_____	_____	_____	____ hrs/week	Yes No	Yes No	Yes No
_____	_____	_____	____ hrs/week	Yes No	Yes No	Yes No

Practice Hours

Days Practice Open (Check all that apply)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Office Hours (e.g. 8:00 a.m. - 4:30 p.m.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Practice Information

Hospital Affiliation(s) _____
 # of Staff Members ___RN ___LPN ___LNA ___Administrative ___Other
 Nursing Home Visits? ___Yes ___No
 Home Visits? ___Yes ___No Age of Practice? _____
 Continuing Education (Please check areas of need and/or interest):
 ___Cultural Competency ___Health Literacy ___Other: _____
 ___Emergency Preparedness ___Free Medications for Uninsured Patients
 Continuing Education - Method of Delivery (Please number in order of preference
 ___CD-ROM/DVD ___Online ___Seminar/Conference ___PDA
 Signature: _____ Date: _____

Champlain Valley Area Health Education Center
 152 Fairfield Street
 St. Albans, VT 05478
 (802) 527-1474 www.cvahec.org

SAMPLE