

A Summary of Health Risks and Preventive Behaviors in Community Health Network Areas (CHNAs) 2007-2009

Results from the Behavioral Risk Factor Surveillance
System

HEALTH SURVEY PROGRAM
DIVISION OF RESEARCH AND EPIDEMIOLOGY
BUREAU FOR HEALTH INFORMATION,
STATISTICS, RESEARCH, AND EVALUATION
MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH



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Massachusetts Department of Public Health

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INTRODUCTION

WHAT IS BRFSS?

The Behavioral Risk Factor Surveillance System (BRFSS) is a continuous, random-digit-dial, landline-only and cell-phone only telephone survey of adults ages 18 and older and is conducted in all states as a collaboration between the federal Centers for Disease Control and Prevention (CDC) and state departments of health. The survey has been conducted in Massachusetts since 1986. The BRFSS collects data on a variety of health risk factors, preventive behaviors, chronic conditions, and emerging public health issues. The information obtained in this survey assists in identifying the need for health interventions, monitoring the effectiveness of existing interventions and prevention programs, developing health policy and legislation, and measuring progress toward attaining state and national health objectives.

Each year, the BRFSS includes a core set of questions developed by the CDC. These questions addressed health status, health care access and utilization, overweight and obesity status, asthma, diabetes, immunizations, tobacco use, alcohol consumption, HIV/AIDS testing, and other selected public health topics.

In addition to the core CDC questions, the Massachusetts Health Survey Program, in collaboration with Massachusetts Department of Public Health programs, added a number of topics to the surveillance instrument including environmental tobacco exposure, disability and quality of life, cancer survivorship, sexual violence, and other selected topics.

Interviews are administered in the respondents' preferred language, with a choice of English, Spanish, or Portuguese.

ABOUT THIS REPORT

This report is the first MA BRFSS publication that summarizes health survey results in map format for **Community Health Network Areas (CHNAs)**. A **Community Health Network** is a local coalition of public, non-profit, and private sector entities working together to build healthier communities in Massachusetts through community-based prevention planning and health promotion. The Massachusetts Department of Public Health established the CHNA effort in 1992. Today this initiative involves all 351 towns and cities through 27 Community Health Networks. While each Community Health Network may have a different design and population composition, all Networks function as a framework for the development of partnerships that enhance cooperation in developing a preventive, primary care health model in each community. Each of the 27 CHNAs collaboratively identifies local and regional health priorities, designs community-based prevention plans, and track success in achieving healthier communities [1].

This report is supplementary to the annual statewide BRFSS reports and the MASSCHIP Instant Topic reports, and aims to provide health behavior data at the sub-state level via the CHNA. This report furthers the efforts by the Massachusetts Department of Public Health to reach out to the local communities, and follows the recent publication of the Massachusetts BRFSS report "A Profile of Health Among Massachusetts Adults in Selected Cities, 2008". The data can be used by local communities for the purpose of planning possible program interventions and informing health policies.

The Health Survey Program has previously released health survey results at the CHNA level, through the Massachusetts Community Health Information Profile (MassCHIP) information service [2]. This report serves as an update to the most recent data available via MassCHIP. Data in this report are aggregated over the three year period 2007-2009 in order to allow for more robust estimates at the sub-state level and to reflect possible impact of health care reform, which was implemented in Massachusetts in 2006.

Data Presentation: In this report, selected health indicators are examined for each CHNA in order to ascertain how **each CHNA compares to the state of Massachusetts as a whole**. Indicators were selected based on their relevance to public health priorities of the state, as well as availability of data. This report begins with a table summarizing the socio-demographic characteristics (gender, age, race-ethnicity, education, annual household income) of respondents across the state and in each CHNA. Following this table is the Summary of Results, which describes prevalence data for corresponding health measures. Some of the main and statistically significant differences in prevalence of health indicators **between each CHNA and the state overall** are included in this section.

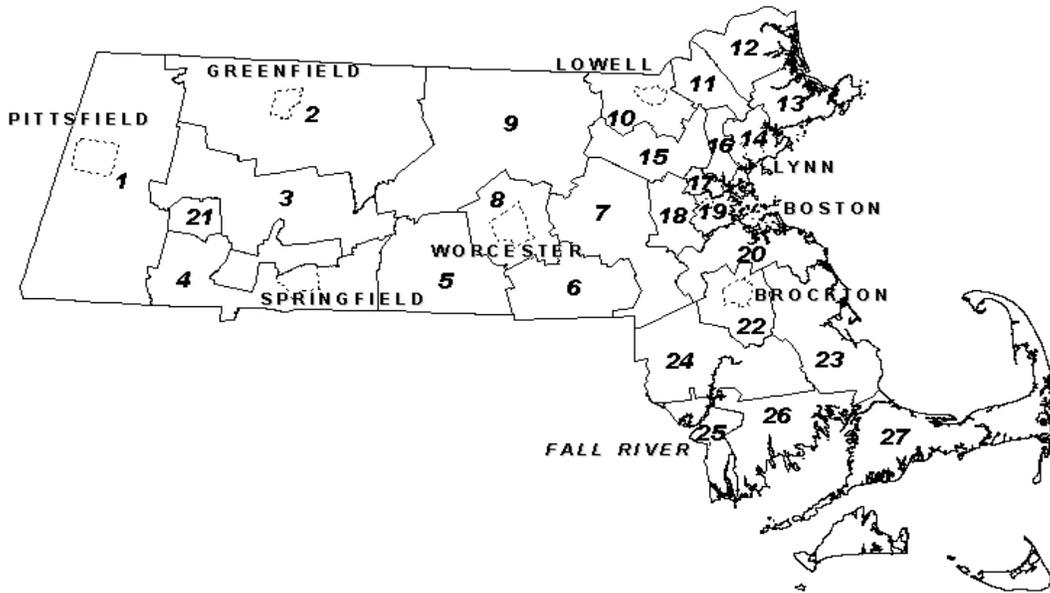
The main body of the report focuses on major health indicators including overall health measures, health care access and utilization, risk factors and preventive behaviors, chronic health conditions, and additional indicators of health for each CHNA. Each section includes a description of the question(s) used to assess the indicator, a map of Massachusetts which illustrates results for each CHNA, and a table containing the data for that indicator for both the state and each CHNA.

Maps: Maps were created using ArcMap 9.2 GIS software (Environmental Systems Research Institute, 1999-2006). On each map, CHNAs are indicated by number 1-27 (see Appendix for an alphabetical list of towns by CHNA and CHNA number). Large cities are identified for geographical reference only. An example of the type of map used in this report can be found on page 6.

The maps illustrate how the prevalence of the selected indicator in each CHNA compares to the statewide prevalence of the indicator. Colors are used to indicate whether each CHNA is performing statistically “better” (green), statistically “worse” (red), or statistically the same as the “state average” (beige) for each indicator. The state as a whole serves as the reference for comparison. Readers should be aware that for some indicators, “better” represents a prevalence that is lower than that of the state (for example, binge drinking) whereas for other indicators, “better” represents a prevalence that is higher than that of the state (for example, leisure time physical activity). The terms “better” and “worse” refer to statistically significant differences, while “about the same” refers to point estimates which are not statistically different from the state overall average.

In the appendix of the report, an alphabetical listing of each town and its corresponding CHNA is presented.

Example Map: Massachusetts Community Area Health Networks



Tables: Each section contains a table with the prevalence of the health indicators surrounded by the 95% confidence interval for each CHNA as well as state wide data for comparison. The maps and tables are intended to be viewed together, and have been placed on facing pages for greater ease in reading.

All percentages in this report are weighted (see definition in next section) to the total Massachusetts population in 2007-2009.

It is important to note that these data are not adjusted for age or other socio-demographic population differences. For example, Hispanic populations are younger than their White counterparts and may have lower educational attainment and income status, and thus be more likely to report fair or poor health. Therefore, some of the differences in reported health status are due to differences in the socio-demographic structure of the population.

TERMS, DEFINITIONS, AND STATISTICAL METHODOLOGY USED IN THIS REPORT

The BRFSS data are **weighted** to take into account differences in probabilities of selection due to the telephone number, the number of telephones in a household, and the number of adults in a household. Adjustments are also made to account for non-response, non-coverage of households without landline telephones and differential participation by sex, age and race/ethnicity. All the weighting factors are multiplied together to get the final weight for each respondent so that the weighted BRFSS data represents the adult population of Massachusetts as a state. It is important to note the data presented in this report are weighted to the total state

population. State population composition may differ from the particular CHNA population composition.

The data presented here are univariate, descriptive percentages. No multivariate analysis was performed on this data, and thus this report contains no inferences about causality.

The **crude or weighted percentage** is the weighted proportion of respondents in a particular category or area. When percentages are reported in this report, they are referring to crude, weighted percentages. The crude percentage of respondents used in this report reflects the burden of a certain health status indicator in a specific group of the population e.g. CHNA.

The underlying **sample size (N)** in each cell of the presented tables is the number of people who answered “yes” or “no” to the corresponding question. The crude proportion is a weighted ratio of those who answered “yes” to the corresponding question versus all who responded to the question. Those who responded “don’t know” or refused to respond to a question were excluded from the analysis of that question.

The **95% confidence interval (95% CI)** is a range of values determined by the degree of variability of the data within which the true value is likely to lie. The confidence interval indicates the precision of a calculation; the wider the interval the less precision in the estimate. The 95% confidence intervals used in this report for crude percentages are the indicators of reliability (or stability) of the estimate. Smaller population subgroups or smaller numbers of respondents yield less precise estimates.

Statistical significance (at the 95% probability level) was considered as a basis when we used the terms “better”, “worse”, “about the same,” “more likely” and “less likely”.

We consider the difference between two percentages to be statistically significant (with 95% probability) if the 95% confidence intervals surrounding the two percentages do not overlap, which is a conservative estimation for determining statistical significance [3].

DEMOGRAPHIC PROFILE OF BRSS POPULATION BY CHNA, 2007-2009										
	State Total		CHN of Berkshire		Upper Valley Health Web		Partnership for Health Hampshire County		CHN of Chicopee, Holyoke, Ludlow, Westfield	
	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT
	N	%	N	%	N	%	N	%	N	%
TOTAL	58797		1026		700		917		762	
GENDER										
MALE	21354	47.7	373	43.5	285	47.8	356	51.1	267	46.9
FEMALE	37443	52.3	653	56.6	415	52.2	561	48.9	495	53.1
AGE GROUP										
18-34	7585	27.1	105	25.9	74	28.2	96	25.5	105	31.5
35-64	33547	55.3	573	53.6	427	54.8	562	57.8	430	51.5
65+	16795	17.7	334	20.6	191	17.1	252	16.8	218	17.0
RACE-ETHNICITY*										
WHITE	48093	80.2	956	90.5	673	95.6	851	89.4	664	80.7
BLACK	2982	5.0	11	1.6	2	0.1	9	1.3	3	0.2
HISPANIC	5042	8.2	25	4.1	4	0.8	22	3.5	73	15.6
OTHER*	2680	6.6	34	3.8	21	3.5	35	5.9	22	3.5
EDUCATION										
< HIGH SCHOOL	205	32.0	418	41.6	226	32.4	263	26.9	336	44.2
H S/ SOME COLLEGE	93	23.4	233	23.1	175	26.7	206	26.6	218	30.8
4+ YRS COLLEGE	122	44.6	371	35.3	297	40.8	448	46.6	204	25.0
HOUSEHOLD INCOME										
<\$25,000	93	19.4	254	24.1	155	20.9	187	21.0	195	25.4
\$25,000-74,999	78	36.4	415	46.8	313	50.6	337	39.3	299	45.2
\$75,000+	41	44.2	237	29.2	146	28.5	285	39.7	154	29.4

*White, Black, and "Other" race categories refer to non-Hispanic. All respondents reporting Hispanic ethnicity are included in the Hispanic category regardless of race. Due to small numbers, Asian race is collapsed into category "Other."

DEMOGRAPHIC PROFILE OF BRSS POPULATION BY CHNA, 2007-2009

	The Community Health Connection		South County Connects		Community Partners For Health		Common Pathways		CHN of North Central Massachusetts	
	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT
	N	%	N	%	N	%	N	%	N	%
TOTAL	4808		786		805		4638		1412	
GENDER										
MALE	1609	45.7	295	47.3	343	51.5	1721	47.7	509	45.3
FEMALE	3199	54.3	491	52.7	462	48.5	2917	52.3	903	54.7
AGE GROUP										
18-34	732	30.3	103	28.3	92	26.5	664	31.2	162	25.5
35-64	2585	52.0	447	54.5	526	60.9	2628	54.0	843	58.6
65+	1411	17.7	227	17.2	177	12.6	1282	14.9	383	15.9
RACE-ETHNICITY*										
WHITE	3328	70.6	727	88.0	761	92.1	3805	76.1	1291	87.5
BLACK	602	11.4	8	1.1	6	1.8	226	5.4	16	2.3
HISPANIC	697	13.9	22	3.6	14	3.0	371	9.9	59	5.7
OTHER*	181	4.1	29	7.4	24	3.1	236	8.6	46	4.6
EDUCATION										
< HIGH SCHOOL	2171	40.6	354	44.9	245	31.5	1679	32.1	473	34.2
H S/ SOME COLLEGE	1254	26.9	198	26.5	194	22.3	1114	22.8	353	23.9
4+ YRS COLLEGE	1362	32.5	233	28.7	365	46.2	1826	45.1	584	41.9
HOUSEHOLD INCOME										
<\$25,000	1487	26.4	199	21.2	105	13.9	1106	19.2	303	19.5
\$25,000-74,999	1763	41.9	280	40.7	260	32.4	1620	36.6	479	37.0
\$75,000+	836	31.7	200	38.1	335	53.8	1277	44.2	451	43.5

*White, Black, and "Other" race categories refer to non-Hispanic. All respondents reporting Hispanic ethnicity are included in the Hispanic category regardless of race. Due to small numbers, Asian race is collapsed into category "Other."

DEMOGRAPHIC PROFILE OF BRFSS POPULATION BY CHNA, 2007-2009

	Greater Lowell CHN		Greater Lawrence CHN		Greater Haverhill CHN		The North Shore CHN [†] (Beverly/Gloucester)		The North Shore CHN [†] (Salem/Lynn)	
	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT
	N	%	N	%	N	%	N	%	N	%
TOTAL	4783		5324		759		703		1244	
GENDER										
MALE	1763	47.9	1860	48.2	291	47.2	257	46.9	458	48.7
FEMALE	3020	52.1	3464	51.8	468	52.8	446	53.1	786	51.3
AGE GROUP										
18-34	743	26.3	766	29.6	88	28.5	48	20.6	107	22.3
35-64	2773	58.9	3100	56.0	429	52.7	417	57.0	734	58.4
65+	1206	14.8	1382	14.4	237	18.8	229	22.5	375	19.3
RACE-ETHNICITY*										
WHITE	3939	81.1	3684	60.6	701	89.0	674	94.1	1092	79.7
BLACK	124	1.8	91	2.8	4	0.3	4	1.0	37	4.8
HISPANIC	463	7.4	1362	30.3	29	6.4	10	2.1	82	12.4
OTHER*	257	9.7	187	6.4	25	4.4	15	2.8	33	3.1
EDUCATION										
< HIGH SCHOOL	2026	33.6	2236	38.2	206	25.3	180	27.9	398	35.6
H S/ SOME COLLEGE	1125	23.8	1179	21.2	184	25.1	163	23.2	321	26.6
4+ YRS COLLEGE	1625	42.7	1893	40.6	368	49.6	360	48.9	521	37.8
HOUSEHOLD INCOME										
<\$25,000	1216	17.7	1492	29.2	131	14.8	110	15.0	249	23.3
\$25,000-74,999	1552	34.3	1587	29.8	226	32.4	226	32.0	438	39.0
\$75,000+	1285	48.0	1399	41.0	290	52.8	266	53.1	363	37.7

*White, Black, and "Other" race categories refer to non-Hispanic. All respondents reporting Hispanic ethnicity are included in the Hispanic category regardless of race. Due to small numbers, Asian race is collapsed into category "Other."

†For purposes of data reporting, the data for the recently merged North Shore Community Health Network (CHNAs 13 and 14) are reported separately.

DEMOGRAPHIC PROFILE OF BRFSS POPULATION BY CHNA, 2007-2009

	North Suburban Health Alliance		Community Health Coalition of Metrowest		Northwest Suburban Health Alliance		Greater Cambridge/Somerville CHN		West Suburban Health Network	
	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT
	N	%	N	%	N	%	N	%	N	%
TOTAL	1145		2065		1211		1179		1417	
GENDER										
MALE	410	45.2	773	47.1	481	50.1	445	49.3	565	49.2
FEMALE	735	54.8	1292	52.9	730	49.9	734	50.7	852	50.8
AGE GROUP										
18-34	110	24.0	200	25.3	90	22.1	166	31.3	119	21.1
35-64	663	57.8	1277	58.3	721	58.2	679	52.7	801	58.2
65+	353	18.2	555	16.3	382	19.7	311	16.0	474	20.7
RACE-ETHNICITY*										
WHITE	1025	80.9	1868	84.3	1109	84.9	1013	78.7	1260	82.9
BLACK	31	5.8	24	1.8	11	1.3	43	3.5	30	3.7
HISPANIC	46	6.4	65	5.6	20	2.7	46	6.1	30	3.7
OTHER*	43	6.9	108	8.3	71	11.1	77	11.7	97	9.7
EDUCATION										
< HIGH SCHOOL	361	27.9	428	20.6	224	19.5	233	20.8	232	17.6
H S/ SOME COLLEGE	293	27.8	406	18.7	216	18.6	163	13.1	204	14.7
4+ YRS COLLEGE	489	44.3	1227	60.7	768	61.9	778	66.1	981	67.7
HOUSEHOLD INCOME										
<\$25,000	206	17.2	251	10.6	96	8.2	190	16.9	139	8.7
\$25,000-74,999	371	33.9	567	27.7	298	25.8	334	32.1	326	26.8
\$75,000+	406	48.9	954	61.7	614	66.0	483	51.0	722	64.5

*White, Black, and "Other" race categories refer to non-Hispanic. All respondents reporting Hispanic ethnicity are included in the Hispanic category regardless of race. Due to small numbers, Asian race is collapsed into category "Other."

DEMOGRAPHIC PROFILE OF BRSS POPULATION BY CHNA, 2007-2009

	Boston Alliance For Community Health		Blue Hills Community Health Alliance		Greater Brockton CHN		South Shore CHN		Greater Attleboro- Taunton CHN	
	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT
	N	%	N	%	N	%	N	%	N	%
TOTAL	6596		1849		965		889		1156	
GENDER										
MALE	2349	47.6	662	47.0	357	47.3	307	45.5	426	48.6
FEMALE	4247	52.4	1187	53.0	608	52.7	582	54.5	730	51.4
AGE GROUP										
18-34	1061	33.7	175	23.1	132	31.6	75	22.0	156	32.0
35-64	3743	51.5	1035	55.8	574	54.5	534	58.7	714	55.0
65+	1675	14.8	612	21.1	245	13.9	269	19.4	264	13.0
RACE-ETHNICITY*										
WHITE	4119	51.9	1663	83.2	818	76.0	852	92.7	1076	90.0
BLACK	1222	19.6	62	6.00	73	12.3	7	1.4	14	2.4
HISPANIC	835	19.5	36	2.6	35	6.2	13	3.3	30	3.4
OTHER*	420	9.0	88	8.2	39	5.5	17	2.6	36	4.2
EDUCATION										
< HIGH SCHOOL	2208	35.0	494	24.6	359	35.7	260	32.1	426	37.4
H S/ SOME	1272	19.9	456	25.2	275	29.8	249	26.7	286	24.3
COLLEGE										
4+ YRS COLLEGE	3097	45.2	895	50.2	329	34.5	379	41.2	441	38.3
HOUSEHOLD INCOME										
<\$25,000	1756	30.1	307	13.8	193	19.2	145	15.5	208	15.5
\$25,000-74,999	1968	33.9	605	35.3	322	40.1	314	38.6	398	37.8
\$75,000+	1959	36.0	674	50.9	304	40.7	316	45.9	387	46.7

*White, Black, and "Other" race categories refer to non-Hispanic. All respondents reporting Hispanic ethnicity are included in the Hispanic category regardless of race. Due to small numbers, Asian race is collapsed into category "Other."

DEMOGRAPHIC PROFILE OF BRFSS POPULATION BY CHNA, 2007-2009						
	Partners for Healthier Communities		Greater New Bedford CHN		Cape Cod and Islands Health Network	
	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT	SAMPLE SIZE	WEIGHTED PERCENT
	N	%	N	%	N	%
TOTAL	4305		5054		1758	
GENDER						
MALE	1492	44.6	1789	48.3	705	49.3
FEMALE	2813	55.4	3265	51.7	1053	50.7
AGE GROUP						
18-34	572	30.1	665	29.1	98	16.9
35-64	2323	51.9	2804	52.5	925	53.0
65+	1359	18.0	1518	18.3	714	30.1
RACE-ETHNICITY*						
WHITE	3932	87.0	4191	78.0	1650	88.3
BLACK	61	2.2	192	4.2	23	2.3
HISPANIC	173	6.5	366	10.7	35	5.0
OTHER*	139	4.3	305	7.0	50	4.4
EDUCATION						
< HIGH SCHOOL	2307	51.5	2516	47.3	437	27.1
H S/ SOME COLLEGE	995	24.1	1212	25.5	455	26.6
4+ YRS COLLEGE	988	24.4	1313	27.2	863	46.3
HOUSEHOLD INCOME						
<\$25,000	1373	29.0	1533	29.0	302	16.2
\$25,000–74,999	1515	43.4	1788	41.4	693	46.9
\$75,000+	710	27.6	914	29.6	512	36.9

*White, Black, and "Other" race categories refer to non-Hispanic. All respondents reporting Hispanic ethnicity are included in the Hispanic category regardless of race. Due to small numbers, Asian race is collapsed into category "Other."

SUMMARY OF RESULTS^{*}

CHNA 1: Community Health Network of Berkshire County

Towns served: Adams, Alford, Becket, Cheshire, Clarksburg, Dalton, Egremont, Florida, Great Barrington, Hancock, Hinsdale, Lanesborough, Lee, Lenox, Monterey, Mount Washington, New Ashford, New Marlborough, North Adams, Otis, Peru, Pittsfield, Richmond, Sandisfield, Savoy, Sheffield, Stockbridge, Tyringham, Washington, West Stockbridge, Williamstown and Windsor
Total estimated population served[†]: 131,965

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 1 were **more likely** to report arthritis (22% vs 26%).

CHNA 2: Upper Valley Health Web

Towns served: Ashfield, Athol, Bernardston, Buckland, Charlemont, Colrain, Conway, Deerfield, Erving, Gill, Greenfield, Hawley, Heath, Leverett, Leyden, Monroe, Montague, New Salem, Northfield, Orange, Petersham, Phillipston, Rowe, Royalston, Shelburne, Shutesbury, Sunderland, Warwick, Wendell and Whately
Total estimated population served[†]: 88,506

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 2 were **less likely** to report a checkup in the past year (71% vs 77%).
- Adults living in CHNA 2 were **more likely** to report being a former smoker (34% vs 28%).

CHNA 3: Partnership for Health in Hampshire County

Towns served: Amherst, Belchertown, Chesterfield, Cummington, Easthampton, Goshen, Granby, Hadley, Hatfield, Middlefield, Northampton, Pelham, Plainfield, South Hadley, Southampton, Ware, Westhampton, Williamsburg and Worthington
Total estimated population served[†]: 151,801

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 3 were **less likely** to report having diabetes (6% vs 8%).
- Adults living in CHNA 3 were **more likely** to report leisure time physical activity (85% vs 79%).

CHNA 21: Community Health Network of Chicopee-Holyoke-Ludlow-Westfield

Towns served: Chester, Chicopee, Holyoke, Huntington, Ludlow and Westfield
Total estimated population served[†]: 161,454

As compared to adults living in Massachusetts overall:

- Adults age 18-64 living in CHNA 21 were **less likely** to report ever having been tested for HIV (33% vs 43%).
- Adults living in CHNA 21 were **more likely** to report current smoking and being overweight.

CHNA 4: Community Health Connection

Towns served: Agawam, Blandford, East Longmeadow, Granville, Hampden, Longmeadow, Monson, Montgomery, Palmer, Russell, Southwick, Springfield, Tolland, West Springfield and Wilbraham
Total estimated population served[†]: 299,490

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 4 were **almost twice as likely** to report no health insurance (7% vs 4%).
- Adults living in CHNA 4 were **more likely** to report poor overall health and the inability to see a doctor due to cost.
- Adults living in CHNA 4 were **more likely** to report current smoking, being overweight, diabetes and cardiovascular disease.
- Adults living in CHNA 4 were **less likely** to report engaging in leisure time physical activity or having had their cholesterol checked in the past 5 years.

CHNA 5: South County Connects

Towns served: Brimfield, Brookfield, Charlton, Dudley, East Brookfield, Holland, North Brookfield, Oxford, Southbridge, Spencer, Sturbridge, Wales, Warren, Webster and West Brookfield
Total estimated population served[†]: 119,141

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 5 were **more likely** to report current smoking, being overweight and diabetes.
- Adults living in CHNA 5 were **less likely** to report any leisure time physical activity.
- Adults living in CHNA 5 were **one-third less likely** to report current asthma (7% vs 10%).

CHNA 6: Community Partners for Health

Towns served: Bellingham, Blackstone, Douglas, Franklin, Hopedale, Medway, Mendon, Milford, Millville, Northbridge, Sutton, Upton and Uxbridge
Total estimated population served[†]: 160,521

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 6 were **less likely** to report fair or poor health or a disability.
- Adults living in CHNA 5 were **almost half as likely** to report having diabetes (5% vs 8% overall).
- Female adults age 40 and older living in CHNA 6 were **more likely** to report having had a mammogram in the past 2 years (92% vs 85% overall for women in the same age group).

CHNA 8: Common Pathways

Towns served: Auburn, Boylston, Grafton, Holden, Leicester, Millbury, Paxton, Shrewsbury, West Boylston and Worcester
Total estimated population served[†]: 303,669

- Adults living in CHNA 8 reported all health indicators at about the same rate as all other adults living in Massachusetts overall.

CHNA 9: Community Health Network of North Central Massachusetts

Towns served: Ashburnham, Ashby, Ayer, Barre, Berlin, Bolton, Clinton, Fitchburg, Gardner, Groton, Hardwick, Harvard, Hubbardston, Lancaster, Leominster, Lunenburg, New Braintree, Oakham, Pepperell, Princeton, Rutland, Shirley, Sterling, Templeton, Townsend, Westminster and Winchendon

Total estimated population served[†]: 261,369

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 9 were **more likely** to report current smoking (21% vs 16%).

CHNA 10: The Greater Lowell Community Health Network

Towns served: Billerica, Chelmsford, Dracut, Dunstable, Lowell, Tewksbury, Tyngsborough and Westford

Total estimated population served[†]: 272,893

As compared to adults living in Massachusetts overall:

- Adults age 18-64 living in CHNA 10 were **less likely** to report having ever been tested for HIV (37% vs 43% overall for the same age group).
- Adults living in CHNA 10 were **more likely** to report being overweight (64% vs 58%).

CHNA 11: The Greater Lawrence Community Health Network

Towns served: Andover, Lawrence, Methuen, Middleton and North Andover

Total estimated population served[†]: 195,196

As compared to adults living in Massachusetts overall:

- Adults age 18-64 living in CHNA 11 were **almost twice as likely** to report no health insurance (7% vs 4%).
- Adults living in CHNA 11 were **less likely** to report engaging in any leisure time physical activity or having had their cholesterol checked.
- Adults living in CHNA 11 were **less likely** to report tobacco-related exposures (current smoking; former smoking; exposure to environmental tobacco smoke).
- Adults living in CHNA 11 were **more likely** to report being overweight or having diabetes.
- Adults age 18-64 living in CHNA 11 were **more likely** to report having ever been tested for HIV (48% vs 43% overall for the same age group).

CHNA 12: The Greater Haverhill Community Health Network

Towns served: Amesbury, Boxford, Georgetown, Groveland, Haverhill, Merrimac, Newbury, Newburyport, Rowley, Salisbury and West Newbury

Total estimated population served[†]: 148,557

- Adults living in CHNA 12 reported all health indicators at about the same rate as all other adults living in Massachusetts overall.

CHNA 13: The North Shore Community Health Network (Beverly/Gloucester Area)*

Towns served: Beverly , Essex, Gloucester, Hamilton, Ipswich, Manchester, Rockport, Topsfield and Wenham

Total estimated population served[†]: 119,378

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 13 were **less likely** to report current smoking but were **more likely** to report being a former smoker.
- Adults living in CHNA 13 were **less likely** to report being overweight and **more likely** to report leisure time physical activity.
- Adults age 18-64 living in CHNA 13 were **less likely** to report having ever been tested for HIV (33% vs 43% overall for the same age group).

CHNA 14: The North Shore Community Health Network (Salem/Lynn Area)*

Towns served: Danvers, Lynn, Lynnfield, Marblehead, Nahant, Peabody, Salem, Saugus and Swampscott

Total estimated population served[†]: 287,352

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 14 were **more likely** to report fair or poor health or current smoking.
- Adults age 65 and older living in CHNA 14 were **almost half as likely** to report an unintentional fall in the past 3 months (9% vs 16% overall for the same age group).

CHNA 16: North Suburban Health Alliance

Towns served: Everett , Malden, Medford, Melrose, North Reading, Reading, Stoneham and Wakefield

Total estimated population served[†]: 257,235

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 16 were **less likely** to report fair or poor health (10% vs 12% overall).

CHNA 7: Community Health Coalition of Metrowest

Towns served: Ashland, Foxborough, Framingham, Holliston, Hopkinton, Hudson, Marlborough, Maynard, Medfield, Millis, Natick, Norfolk, Northborough, Plainville, Sherborn, Southborough, Stow, Sudbury, Walpole, Wayland, Westborough and Wrentham

Total estimated population served[†]: 379,658

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 7 were **less likely** to report fair or poor health, current smoking or being overweight.
- Adults living in CHNA 7 were **more likely** to report engaging in any leisure time physical activity.

CHNA 15: NorthWest Suburban Health Alliance

Towns served: Acton , Bedford, Boxborough, Burlington, Carlisle, Concord, Lexington, Lincoln, Littleton, Wilmington, Winchester and Woburn

Total estimated population served[†]: 209,597

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 15 were **half as likely** to report fair or poor health (7% vs 12%) and no health insurance (2% vs 4% overall, among those age 18-64).
- Adults living in CHNA 15 were **less likely** to report poor access to health care[§].
- Adults living in CHNA 15 were **less likely** to report a disability, current smoking, being overweight, and cardiovascular disease.
- Adults living in CHNA 15 were **more likely** to report leisure time physical activity

CHNA 17: Greater Cambridge/Somerville Community Health Network

Towns served: Arlington , Belmont, Cambridge, Somerville and Watertown

Total estimated population served[†]: 273,883

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 17 were **half as likely** to report no health insurance (2% vs 4% overall, among those age 18-64) or the inability to see a doctor due to cost (3% vs 7% overall).
- Adults living in CHNA 17 were **less likely** to report fair or poor health, current smoking, exposure to environmental tobacco smoke or arthritis.
- Adults living in CHNA 17 were **more likely** to report leisure time physical activity, regular fruit and vegetable consumption, a recent flu shot and ever having been tested for HIV (ages 18-64).

CHNA 18: West Suburban Health Network

Towns served: Brookline , Dedham, Dover, Needham, Newton, Waltham, Wellesley, Weston and Westwood

Total estimated population served[†]: 253,138

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 18 were **less likely** to report fair or poor health and poor access to health care[§].
- Adults living in CHNA 18 were **half as likely** to report no insurance (2% vs 4% overall, among those 18-64), the inability to see a doctor due to cost (3% vs 7% overall) or current smoking (7% vs 16%).
- Adults living in CHNA 18 were **less likely** to report binge drinking, being overweight or cardiovascular disease.
- Adults living in CHNA 18 were **one-third less likely** to report current asthma (7% vs 10%).
- Adults living in CHNA 18 were **more likely** to report leisure time physical activity, regular fruit and vegetable consumption, a recent flu shot and recent cancer screening (among men and women).

CHNA 19: Boston Alliance for Community Health

Towns served: Chelsea, Greater Boston, Revere, Winthrop
Total estimated population served[†]: 711,603

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 19 were **more likely** to report fair or poor health and the inability to see a doctor due to cost.
- Adults living in CHNA 19 were **more likely** to report exposure to environmental tobacco smoke.
- Adults living in CHNA 19 were **less likely** to report leisure time physical activity or a recent cholesterol check
- Adults living in CHNA 19 were **less likely** to report arthritis.

CHNA 20: Blue Hills Community Health Alliance

Towns served: Braintree, Canton, Cohasset, Hingham, Hull, Milton, Norwell, Norwood, Quincy, Randolph, Scituate, Sharon and Weymouth
Total estimated population served[†]: 372,309

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 20 were **less likely** to report fair or poor health and were **half as likely** to report no health insurance (2% vs 4%).
- Adults living in CHNA 20 were **more likely** to report binge drinking.
- Adults living in CHNA 20 were **more likely** to report a recent cholesterol check.

CHNA 22: The Greater Brockton Community Health Network

Towns served: Abington, Avon, Bridgewater, Brockton, East Bridgewater, Easton, Holbrook, Stoughton, West Bridgewater and Whitman
Total estimated population served[†]: 242,404

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 22 were **more likely** to report current smoking and **less likely** to report regular consumption of fruits and vegetables.

CHNA 23: South Shore Community Health Network

Towns served: Carver, Duxbury, Halifax, Hanover, Hanson, Kingston, Marshfield, Pembroke, Plymouth, Plympton and Rockland
Total estimated population served[†]: 188,787

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 23 were **less likely** to report fair or poor health.
- Adults living in CHNA 23 were **one-third less likely** to report current asthma (7% vs 10%).
- Adults living in CHNA 23 were **more likely** to report being a former smoker.

CHNA 24: The Greater Attleboro-Taunton Community Health Network

Towns served: Attleboro , Berkley, Dighton, Lakeville, Mansfield, Middleborough, North Attleboro, Norton, Raynham, Rehoboth, Seekonk and Taunton

Total estimated population served[†]: 252,919

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 24 were **more likely** to report exposure to environmental tobacco smoke.
- Adults age 18-64 living in CHNA 24 were **less likely** to report having ever been tested for HIV.

CHNA 25: Partners for Healthier Communities

Towns served: Fall River, Somerset, Swansea and Westport

Total estimated population served[†]: 141,977

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 25 were **less likely** to report leisure time physical activity; regular consumption of fruits and vegetables; a recent flu shot (ages 65 and older); recent colorectal cancer screening (ages 50 and older); and HIV testing (ages 18-64).
- Adults living in CHNA 25 were **more likely** to report fair or poor health and the inability to see a doctor due to cost; however adults in CHNA 25 were **more likely** to report an annual checkup.
- Adults living in CHNA 25 were **more likely** to report current smoking and exposure to environmental tobacco smoke, being overweight, and a number of chronic health conditions including diabetes, arthritis and cardiovascular disease.

CHNA 26: Greater New Bedford Community Health Network

Towns served: Acushnet, Dartmouth, Fairhaven, Freetown, Marion, Mattapoisett, New Bedford, Rochester and Wareham

Total estimated population served[†]: 199,955

As compared to adults living in Massachusetts overall:

- Adults living in CHNA 26 were **more likely** to report fair or poor health and the inability to see a doctor due to cost, despite a **higher rate** of annual checkup.
- Adults living in CHNA 26 were **almost twice as likely** to report no health insurance (7% vs 4% overall, among those age 18-64).
- Adults living in CHNA 26 were **more likely** to report current smoking, exposure to environmental tobacco smoke and being overweight.
- Adults living in CHNA 26 were **less likely** to report leisure time physical activity, regular fruit and vegetable consumption, a recent cholesterol check, a recent flu shot (ages 65 and older) and recent colorectal cancer screening (age 50 and older).

CHNA 27: Cape Cod and Islands Health Network

Towns served: Barnstable, Bourne, Brewster, Chatham, Chilmark, Dennis, Eastham, Edgartown, Falmouth, Gay Head, Gosnold, Harwich, Mashpee, Nantucket, Oak Bluffs, Orleans, Provincetown, Sandwich, Tisbury, Truro, Wellfleet, West Tisbury, Yarmouth

Total estimated population served[†]: 252,204

As compared to adults living in Massachusetts overall:

- Adults age 18-64 living in CHNA 27 were **almost twice as likely** to report no health insurance (7% vs 4% overall, among those age 18-64).
- Adults living in CHNA 27 were **less likely** to report fair or poor health, exposure to environmental tobacco smoke, binge drinking and asthma.
- Adults living in CHNA 27 were **more likely** to report leisure time physical activity.
- Adults living in CHNA 27 were **more likely** to report arthritis.

*In order to ensure that all CHNAs within the same EOHHS Region are listed together, some CHNAs (specifically CHNAs 21, 16 and 7) fall out of numerical order here and in all tables in this report.

[†]Source: US Census 2005 via MassCHIP

[§]"Poor access to health care" is defined as the inability to see a doctor in the past year due to cost and not having had an annual checkup in the past year.

In Summary

- **Fair/Poor Health**: 9 CHNAs indicated better overall health status among adults than the state average, while 6 CHNAs indicated worse overall health status than the state average.
- **Health Insurance**: 4 CHNAs indicated higher rates of health insurance than the state average, while 5 CHNAs indicated lower rates than the state average.
- **Current Smokers**: 6 CHNAs indicated a lower percentage of current smokers than the state average, while 8 CHNAs indicated an elevated rate of current smokers than the state average.
- **Overweight (including obese)**: 5 CHNAs reported lower rates of overweight adults, while 7 CHNAs had higher rates of overweight adults.
- **Physical Activity**: 7 CHNAs reported higher rates of physically active adults than the state average, while 5 CHNAs reported lower rates of physically active adults than the state average.
- **Five Fruits or Vegetables**: In 2 CHNAs adults were more likely to consume 5 or more fruits and vegetables a day on average than the state, while 3 CHNAs indicated adults were less likely to consume 5 fruits and vegetables a day as compared to the state average.
- **Diabetes**: 2 CHNAs indicates fewer adults ever diagnosed with diabetes than the state average, while 4 CHNAs indicated a higher rate of adults ever diagnosed with diabetes than the state average.
- **Asthma**: 4 CHNAs reported a lower rate of current asthma as compared to the state average.

How Demographic Differences Among CHNAs May Affect Results

CHNAs which encompass larger urban areas tended to report poorer overall health, poorer access to care, more risk factors and fewer preventive behaviors. These include the CHNAs surrounding larger urban areas including Boston, Worcester, Springfield, Lawrence and New Bedford. More affluent suburban areas, such as Cambridge, Newton and Gloucester, tended to report better overall health and access to care, fewer risk factors and higher rates of preventive care behaviors.

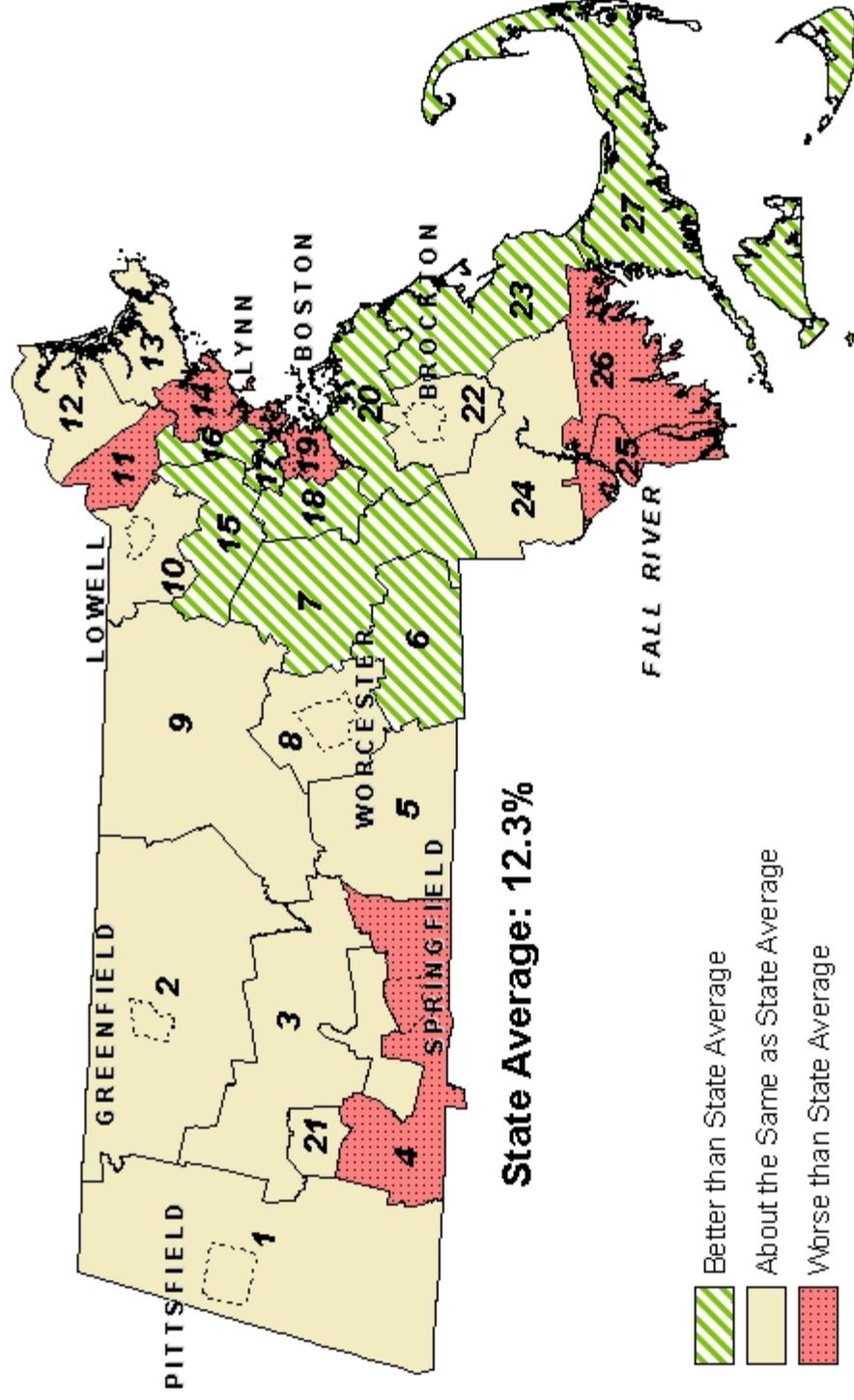
The possible reasons for these differences among urban, rural and suburban areas are many. Differences in the socio-demographic make-up of different areas of the state may influence geographic patterns in health. Areas with typically underserved and underinsured populations, such as urban areas with large non-White and lower income families, tend to report poorer health outcomes and behaviors than areas with higher incomes and better education. As noted above, these data are not adjusted for age or other socio-demographic population differences. Therefore, some of the differences in reported health status are due to differences in the socio-demographic structure of the population. Some of these discrepancies may be due to access to care as well; rural areas in Massachusetts tend to be poorer and provide fewer opportunities for access to care as compared to areas closer to urban centers. In addition, data in this report are weighted to the state population as a whole. Therefore, differences in population composition across the state may influence the rates of health indicators reported in these areas, especially for those indicators with low prevalence such as health insurance and diabetes.

The data presented in this report were collected in 2007-2009, the first three years following health care reform. While improvements in access to care are evident for many communities, it may take additional years of study to determine what the long-term effect of reform will have on health behaviors and preventive care behaviors for Massachusetts communities. The data presented here provide only a short-term view of what has occurred since health care reform implementation.

RESULTS: DETAILED MAPS AND TABLES

SECTION 1: OVERALL HEALTH MEASURES

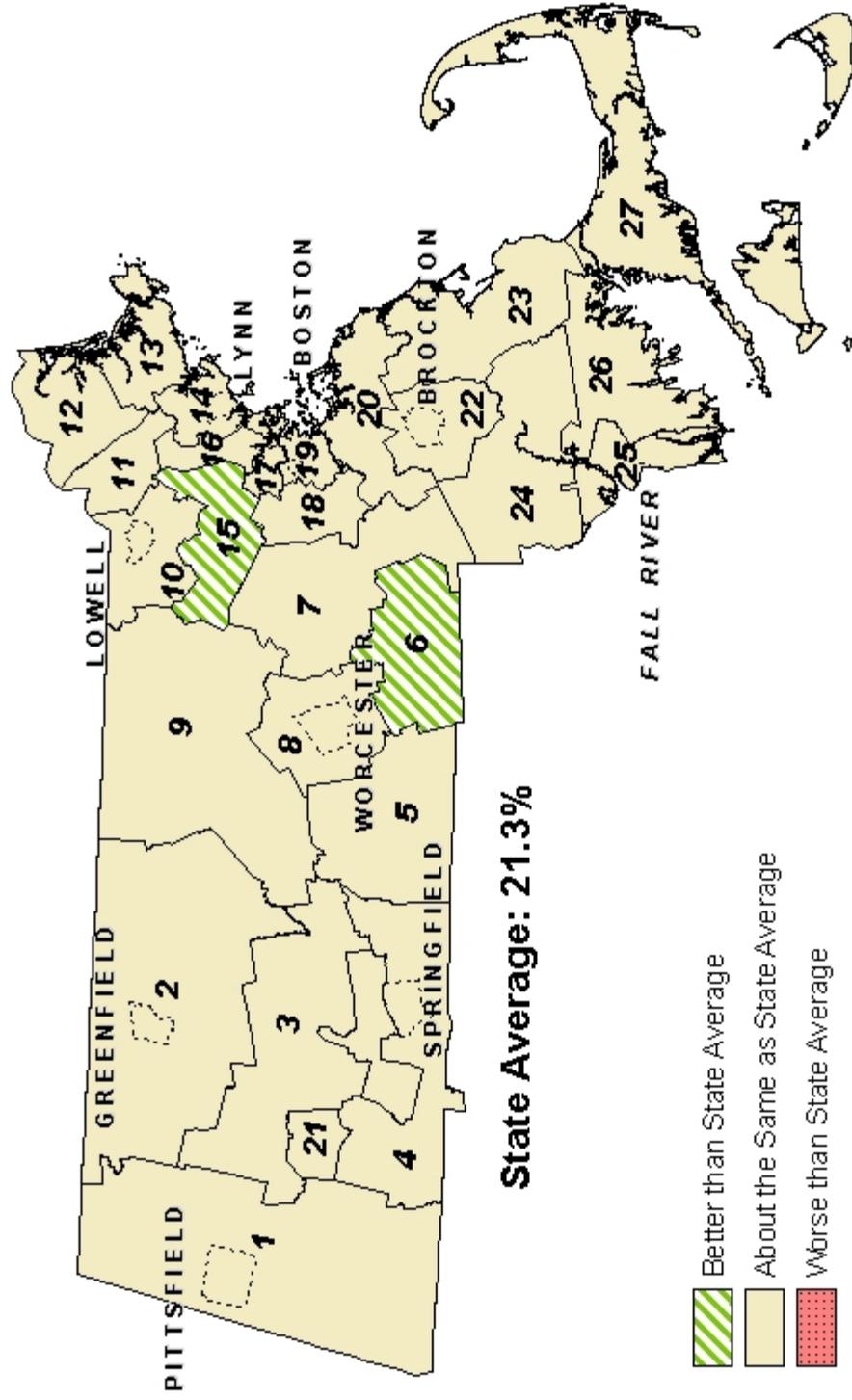
Percentage of Adults Who Reported Fair or Poor Health by CHNA, 2007-2009



PERCENTAGE OF ADULTS WHO REPORTED FAIR OR POOR HEALTH BY CHNA, 2007-2009				
CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	58,435	12.3	11.9 - 12.7
1	CHN Of Berkshire	1020	13.7	11.0 - 16.5
2	Upper Valley Health Web	699	12.8	9.3 - 16.3
3	Partnership For Health In Hampshire County	908	10.1	7.8 - 12.4
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	758	12.4	9.9 - 14.9
4	Community Health Connection	4772	16.7	15.2 - 18.1
5	South County Connects	780	12.8	10.0 - 15.7
6	Community Partners For Health	797	8.6	6.6 - 10.7
8	Common Pathways	4603	12.2	10.9 - 13.5
9	CHN of North Central Massachusetts	1404	12.1	9.8 - 14.4
10	Greater Lowell CHN	4762	13.3	11.5 - 15.1
11	Greater Lawrence CHN	5300	18.5	16.9 - 20.0
12	Greater Haverhill CHN	753	11.2	8.5 - 13.9
13	NSCHN (Beverly/Gloucester Area)	698	12.7	9.7 - 15.6
14	NSCHN (Salem/Lynn Area)	1239	16.3	12.9 - 19.7
16	North Suburban Health Alliance	1136	9.7	7.7 - 11.7
7	Community Health Coalition of Metrowest	2055	8.0	6.6 - 9.5
15	Northwest Suburban Health Alliance	1208	6.6	5.1 - 8.0
17	Greater Cambridge/Somerville CHN	1167	8.9	7.1 - 10.8
18	West Suburban Health Network	1412	8.4	6.6 - 10.1
19	Boston Alliance For Community Health	6562	16.9	15.5 - 18.4
20	Blue Hills Community Health Alliance	1842	10.2	8.7 - 11.7
22	Greater Brockton CHN	960	12.6	9.9 - 15.2
23	South Shore CHN	882	9.4	7.3 - 11.5
24	Greater Attleboro-Taunton CHN	1145	11.7	9.5 - 13.8
25	Partners For Healthier Communities	4268	18.9	17.3 - 20.5
26	Greater New Bedford CHN	5019	19.0	17.1 - 20.9
27	Cape Cod And Islands Health Network	1747	9.7	8.2 - 11.3

Respondents were asked to describe their overall health as excellent, very good, good, fair, or poor. Presented here is the percentage of adults who reported that their overall health was fair or poor.

Percentage of Adults Who Reported a Disability by CHINA, 2007-2009



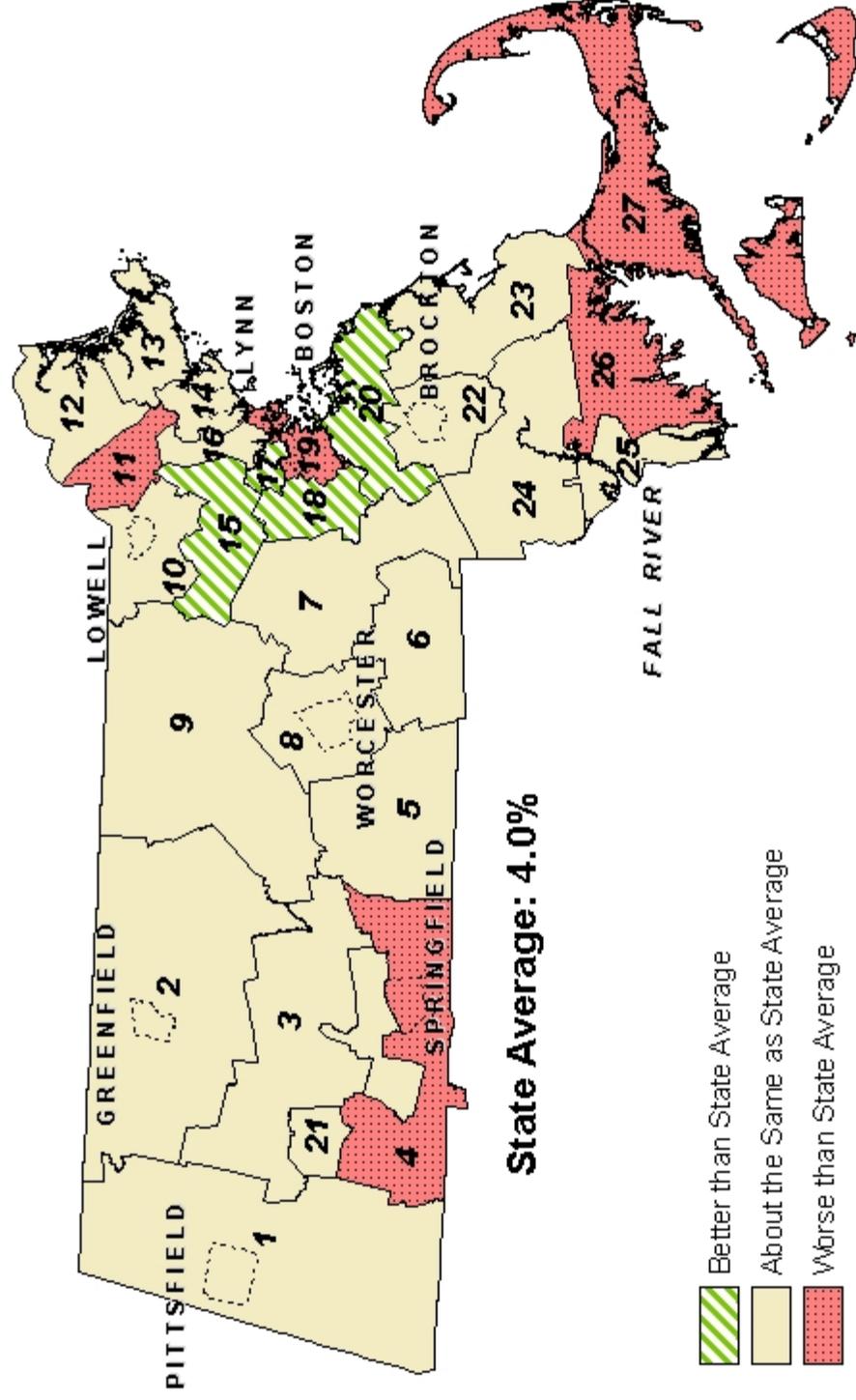
**PERCENTAGE OF ADULTS WHO REPORTED A DISABILITY
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	28,231	21.3	20.5 - 22.0
1	CHN Of Berkshire	545	25.0	20.1 - 30.0
2	Upper Valley Health Web	371	25.9	19.3 - 32.5
3	Partnership For Health In Hampshire County	427	27.2	20.4 - 34.0
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	379	21.6	16.0 - 27.2
4	Community Health Connection	2336	23.0	20.4 - 25.5
5	South County Connects	392	20.9	16.1 - 25.8
6	Community Partners For Health	384	15.7	11.4 - 20.1
8	Common Pathways	2251	20.6	17.8 - 23.4
9	CHN of North Central Massachusetts	672	24.4	20.3 - 28.4
10	Greater Lowell CHN	2299	19.1	16.2 - 22.0
11	Greater Lawrence CHN	2558	19.1	16.6 - 21.5
12	Greater Haverhill CHN	386	21.8	17.0 - 26.7
13	NSCHN (Beverly/Gloucester Area)	330	18.4	13.8 - 23.1
14	NSCHN (Salem/Lynn Area)	573	20.6	16.7 - 24.6
16	North Suburban Health Alliance	525	25.0	19.7 - 30.2
7	Community Health Coalition of Metrowest	1030	20.1	16.9 - 23.3
15	Northwest Suburban Health Alliance	588	16.2	12.8 - 19.6
17	Greater Cambridge/Somerville CHN	556	19.3	15.5 - 23.1
18	West Suburban Health Network	698	17.8	14.0 - 21.6
19	Boston Alliance For Community Health	3140	21.0	19.0 - 23.0
20	Blue Hills Community Health Alliance	875	21.9	18.4 - 25.5
22	Greater Brockton CHN	494	21.9	17.1 - 26.7
23	South Shore CHN	408	24.4	18.1 - 30.7
24	Greater Attleboro-Taunton CHN	534	19.1	15.3 - 22.9
25	Partners For Healthier Communities	2095	22.3	19.8 - 24.7
26	Greater New Bedford CHN	2403	23.4	20.8 - 26.1
27	Cape Cod And Islands Health Network	820	22.2	18.9 - 25.5

Respondents were asked about disabilities and activity limitations. Respondents were classified as having a disability or activity limitation if, for at least one year: (1) they had an impairment or health problem that limited activities or caused cognitive difficulties; (2) they used special equipment or required help from others to get around, or; (3) they reported a disability of any kind. Those who answered yes to one or more of the conditions above but had been limited by their disability for less than one year were not considered to have a disability.

SECTION 2: HEALTH CARE ACCESS AND UTILIZATION

Percentage of Adults Age 18-64 Who Reported That They Do Not Have Health Insurance by CHNA, 2007-2009



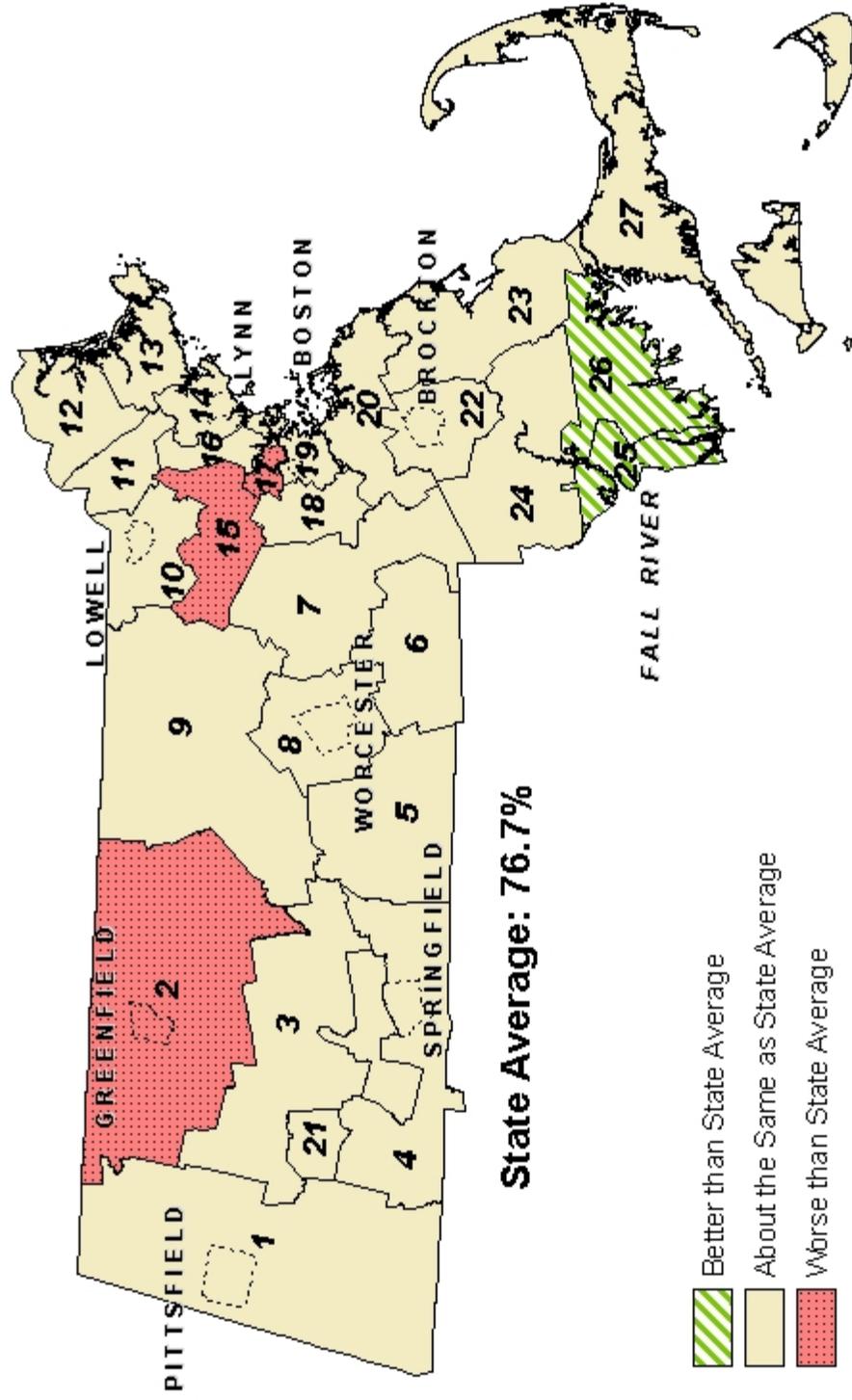
Source of Data: Massachusetts Behavioral Risk Factor Surveillance System, 2007-2009

**PERCENTAGE OF ADULTS AGES 18-64 WHO REPORTED THAT THEY DO NOT
HAVE HEALTH INSURANCE
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	41,050	4.0	3.6 - 4.4
1	CHN Of Berkshire	674	4.1	1.8 - 6.4
2	Upper Valley Health Web	500	3.6	1.5 - 5.8
3	Partnership For Health In Hampshire County	655	2.4	0.7 - 4.1
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	535	4.5	1.6 - 7.4
4	Community Health Connection	3308	6.7	5.0 - 8.4
5	South County Connects	550	4.5	2.3 - 6.7
6	Community Partners For Health	618	2.3	0.9 - 3.7
8	Common Pathways	3282	3.7	2.7 - 4.7
9	CHN of North Central Massachusetts	1004	5.3	3.2 - 7.5
10	Greater Lowell CHN	3511	3.1	2.4 - 3.8
11	Greater Lawrence CHN	3863	7.0	5.7 - 8.2
12	Greater Haverhill CHN	515	2.6	0.8 - 4.4
13	NSCHN (Beverly/Gloucester Area)	465	2.0	0.1 - 4.0
14	NSCHN (Salem/Lynn Area)	841	5.2	2.4 - 8.0
16	North Suburban Health Alliance	771	3.4	1.8 - 5.0
7	Community Health Coalition of Metrowest	1475	2.6	1.4 - 3.8
15	Northwest Suburban Health Alliance	807	2.1	0.6 - 3.6
17	Greater Cambridge/Somerville CHN	844	1.5	0.5 - 2.4
18	West Suburban Health Network	919	1.7	0.2 - 3.1
19	Boston Alliance For Community Health	4789	5.9	4.4 - 7.4
20	Blue Hills Community Health Alliance	1210	1.8	0.8 - 2.8
22	Greater Brockton CHN	706	2.3	0.1 - 4.6
23	South Shore CHN	609	3.2	0.3 - 6.0
24	Greater Attleboro-Taunton CHN	866	3.6	1.6 - 5.6
25	Partners For Healthier Communities	2889	5.6	3.7 - 7.6
26	Greater New Bedford CHN	3465	6.6	5.2 - 7.9
27	Cape Cod And Islands Health Network	1022	7.4	4.5 - 10.2

All respondents were asked if they had any type of health care coverage at the time of the interview. Those who indicated that they had no coverage were asked a follow-up question to be certain that they had considered all types of health care coverage. This included health care coverage from their employer or someone else's employer, a plan that they had bought on their own, Medicare, MassHealth, and coverage through the military, or the Indian Health Service. Presented here is the percentage of adults age 18-64 who reported no health care coverage of any kind.

Percentage of Adults Who Reported Having a Checkup in the Past Year by CHNA, 2007-2009

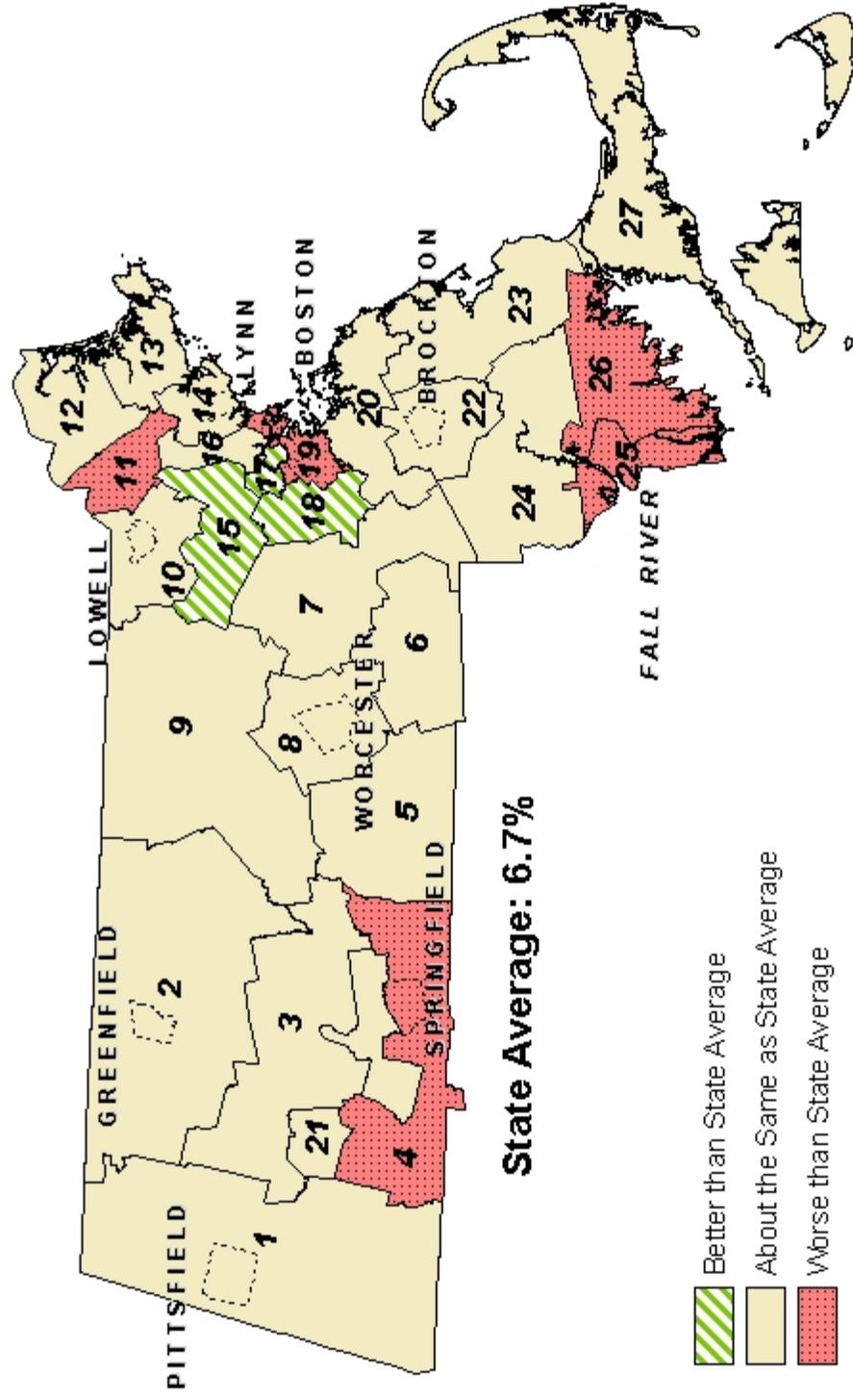


**PERCENTAGE OF ADULTS WHO REPORTED HAVING A CHECKUP
IN THE PAST YEAR
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	58309	76.7	76.1 - 77.3
1	CHN Of Berkshire	1022	76.1	72.2 - 80.0
2	Upper Valley Health Web	691	70.9	65.9 - 75.9
3	Partnership For Health In Hampshire County	909	74.9	71.1 - 78.7
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	753	76.5	72.1 - 81.0
4	Community Health Connection	4757	77.0	74.9 - 79.2
5	South County Connects	782	78.4	74.3 - 82.5
6	Community Partners For Health	799	73.7	69.1 - 78.2
8	Common Pathways	4603	77.0	74.5 - 79.4
9	CHN of North Central Massachusetts	1397	78.1	75.1 - 81.2
10	Greater Lowell CHN	4735	77.7	75.2 - 80.1
11	Greater Lawrence CHN	5289	77.7	75.4 - 80.0
12	Greater Haverhill CHN	755	80.8	76.9 - 84.6
13	NSCHN (Beverly/Gloucester Area)	698	80.2	76.4 - 84.0
14	NSCHN (Salem/Lynn Area)	1237	74.4	70.4 - 78.5
16	North Suburban Health Alliance	1138	76.5	72.9 - 80.1
7	Community Health Coalition of Metrowest	2046	73.9	71.2 - 76.7
15	Northwest Suburban Health Alliance	1208	72.1	68.5 - 75.8
17	Greater Cambridge/Somerville CHN	1170	71.7	67.9 - 75.4
18	West Suburban Health Network	1402	77.8	74.7 - 80.8
19	Boston Alliance For Community Health	6549	78.6	76.9 - 80.4
20	Blue Hills Community Health Alliance	1837	79.9	77.3 - 82.5
22	Greater Brockton CHN	959	78.9	75.1 - 82.7
23	South Shore CHN	886	75.9	71.9 - 79.8
24	Greater Attleboro-Taunton CHN	1147	76.5	72.7 - 80.3
25	Partners For Healthier Communities	4274	80.8	78.6 - 83.0
26	Greater New Bedford CHN	4996	79.5	77.5 - 81.6
27	Cape Cod And Islands Health Network	1737	75.0	71.7 - 78.3

All respondents were asked about how long it has been since they last visited a doctor for a routine checkup. Presented here is the percentage of respondents who had visited a medical provider for a checkup in the past year.

Percentage of Adults Who Reported Inability to See a Doctor Due to Cost in the Past 12 Months by CHNA, 2007-2009



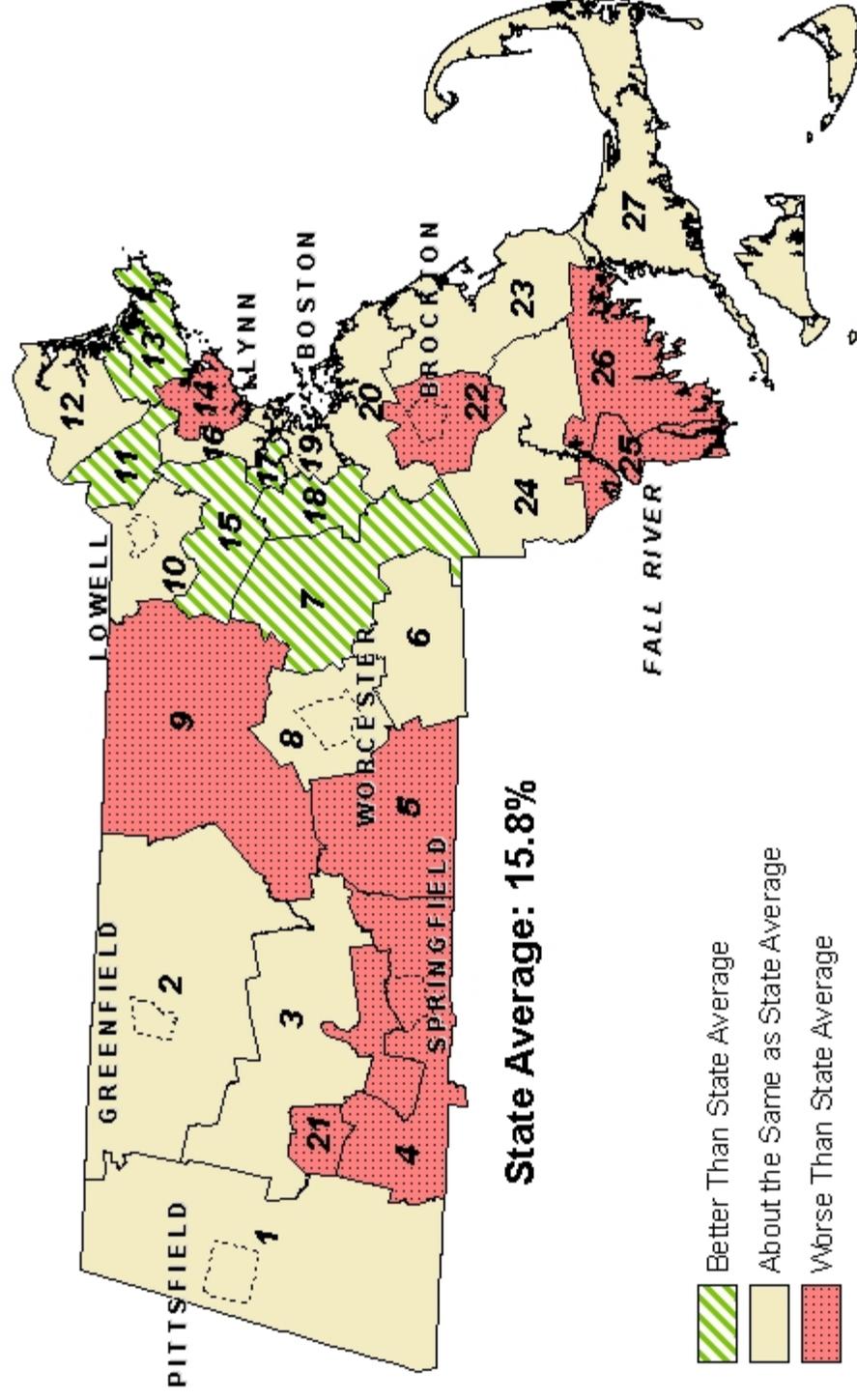
**PERCENTAGE OF ADULTS WHO REPORTED INABILITY TO SEE A DOCTOR DUE TO COST IN THE PAST 12 MONTHS
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	58,666	6.7	6.4 - 7.1
1	CHN Of Berkshire	1024	9.5	6.2 - 12.8
2	Upper Valley Health Web	699	9.0	5.8 - 12.3
3	Partnership For Health In Hampshire County	917	7.4	5.2 - 9.5
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	762	5.6	3.1 - 8.2
4	Community Health Connection	4797	9.0	7.7 - 10.3
5	South County Connects	784	7.5	5.1 - 9.8
6	Community Partners For Health	804	5.2	3.2 - 7.2
8	Common Pathways	4626	6.5	5.4 - 7.6
9	CHN of North Central Massachusetts	1408	6.6	4.5 - 8.8
10	Greater Lowell CHN	4769	6.2	5.0 - 7.3
11	Greater Lawrence CHN	5307	10.0	8.8 - 11.3
12	Greater Haverhill CHN	756	5.1	3.2 - 7.0
13	NSCHN (Beverly/Gloucester Area)	702	5.6	3.2 - 8.0
14	NSCHN (Salem/Lynn Area)	1242	8.7	5.5 - 11.8
16	North Suburban Health Alliance	1143	5.0	3.3 - 6.8
7	Community Health Coalition of Metrowest	2065	5.5	4.1 - 6.9
15	Northwest Suburban Health Alliance	1210	3.9	2.0 - 5.8
17	Greater Cambridge/Somerville CHN	1176	3.1	1.9 - 4.2
18	West Suburban Health Network	1416	3.2	1.8 - 4.6
19	Boston Alliance For Community Health	6579	9.1	7.7 - 10.5
20	Blue Hills Community Health Alliance	1847	5.6	4.1 - 7.2
22	Greater Brockton CHN	964	7.1	4.6 - 9.6
23	South Shore CHN	889	4.4	2.4 - 6.4
24	Greater Attleboro-Taunton CHN	1155	5.3	3.7 - 7.0
25	Partners For Healthier Communities	4294	9.0	7.7 - 10.3
26	Greater New Bedford CHN	5041	9.9	8.5 - 11.3
27	Cape Cod And Islands Health Network	1756	8.5	6.5 - 10.4

All respondents were asked whether they were unable to see a doctor in the past year due to cost. Presented here is the percentage of respondents who reported that cost had prevented them from seeing a doctor at some point in the past year.

SECTION 3: RISK FACTORS AND PREVENTIVE BEHAVIORS

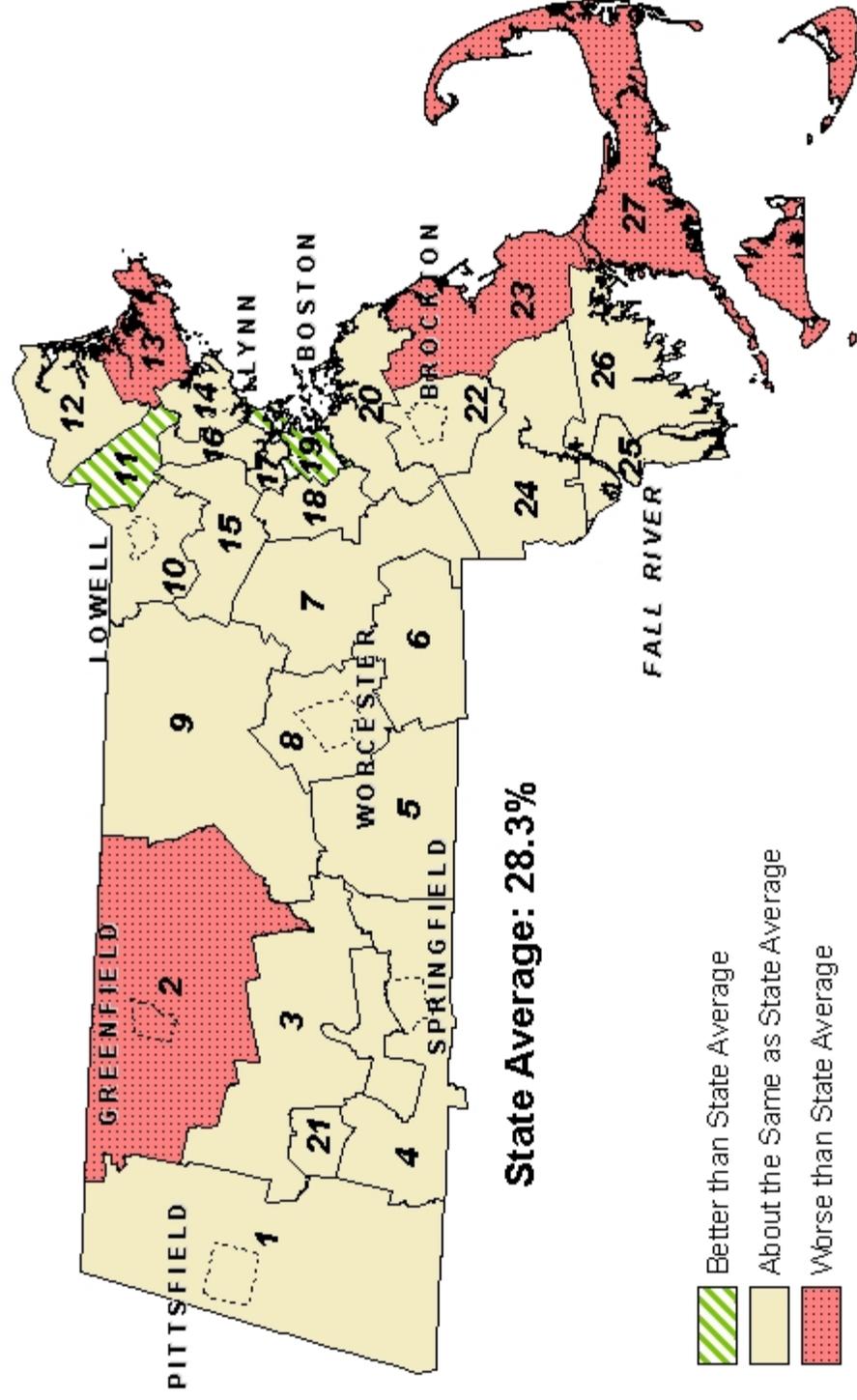
Percentage of Adults Who Reported That They Currently Smoke by CHNA, 2007-2009



PERCENTAGE OF ADULTS WHO REPORTED THAT THEY CURRENTLY SMOKE BY CHNA, 2007-2009				
CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	58489	15.8	15.3 - 16.3
1	CHN Of Berkshire	1022	17.5	14.0 - 21.0
2	Upper Valley Health Web	693	16.5	12.9 - 20.1
3	Partnership For Health In Hampshire County	914	12.2	9.0 - 15.4
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	757	21.9	17.7 - 26.0
4	Community Health Connection	4796	18.4	16.6 - 20.2
5	South County Connects	781	21.6	17.1 - 26.0
6	Community Partners For Health	803	17.6	13.5 - 21.7
8	Common Pathways	4606	17.4	15.3 - 19.5
9	CHN of North Central Massachusetts	1403	20.8	17.7 - 23.9
10	Greater Lowell CHN	4759	16.1	14.2 - 18.0
11	Greater Lawrence CHN	5305	12.8	11.4 - 14.1
12	Greater Haverhill CHN	748	15.2	11.9 - 18.5
13	NSCHN (Beverly/Gloucester Area)	696	11.1	8.2 - 13.9
14	NSCHN (Salem/Lynn Area)	1231	19.7	16.5 - 22.9
16	North Suburban Health Alliance	1145	14.2	11.6 - 16.8
7	Community Health Coalition of Metrowest	2053	10.9	8.9 - 13.0
15	Northwest Suburban Health Alliance	1209	10.1	7.7 - 12.5
17	Greater Cambridge/Somerville CHN	1172	10.9	8.4 - 13.4
18	West Suburban Health Network	1407	7.3	5.4 - 9.1
19	Boston Alliance For Community Health	6557	15.2	13.8 - 16.7
20	Blue Hills Community Health Alliance	1837	13.4	11.4 - 15.5
22	Greater Brockton CHN	958	20.6	16.7 - 24.5
23	South Shore CHN	886	16.6	13.0 - 20.2
24	Greater Attleboro-Taunton CHN	1149	19.1	15.4 - 22.8
25	Partners For Healthier Communities	4282	22.8	20.7 - 25.0
26	Greater New Bedford CHN	5035	22.9	20.6 - 25.1
27	Cape Cod And Islands Health Network	1750	14.5	12.1 - 16.9

A current smoker was defined as someone who has smoked at least 100 cigarettes in his/her lifetime and who currently smokes either some days or everyday. Presented here is the percentage of adults who reported being current smokers.

Percentage of Adults Who Reported That They Were Former Smokers by CHNA, 2007-2009

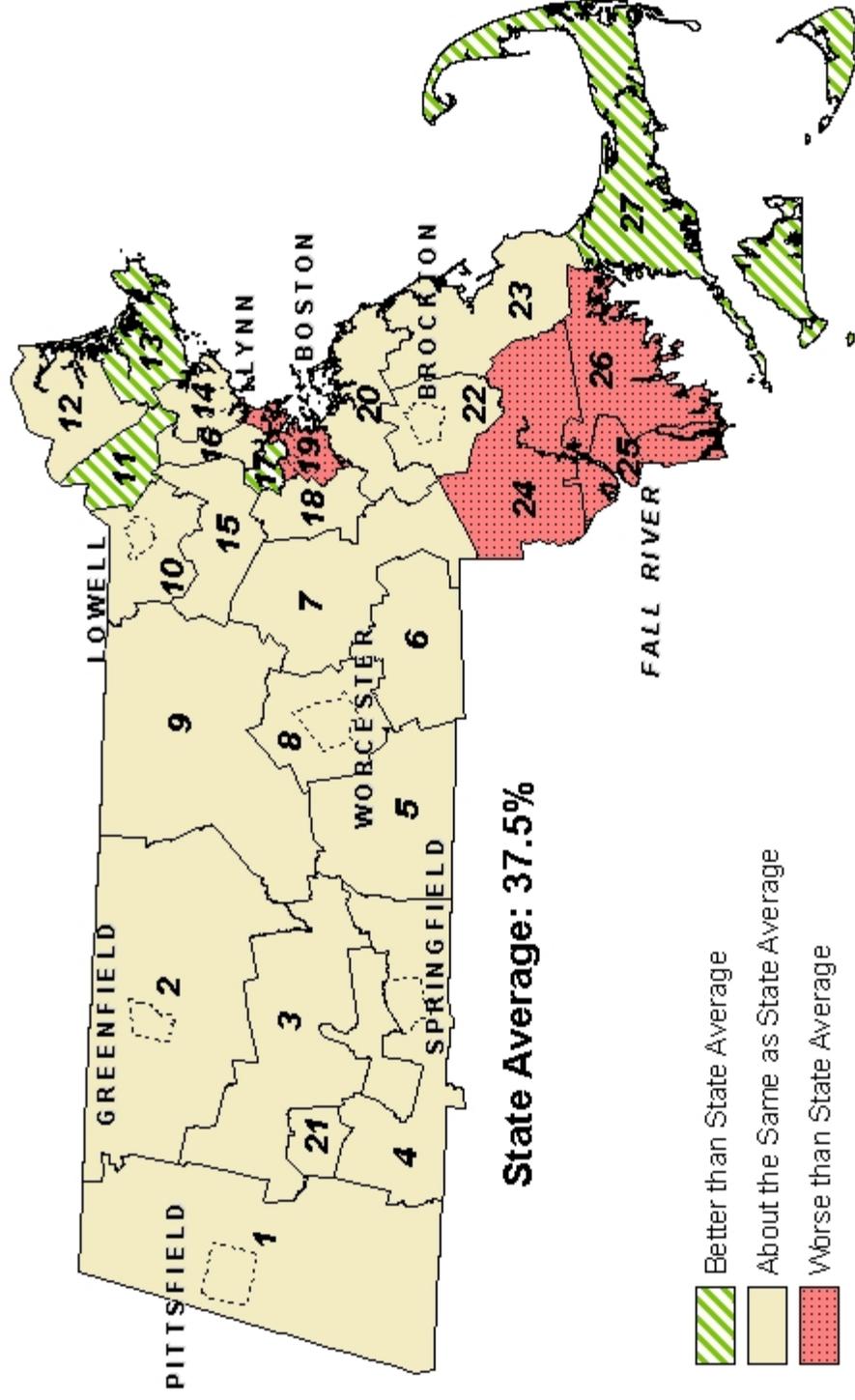


**PERCENTAGE OF ADULTS WHO REPORTED THAT THEY WERE FORMER
SMOKERS
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	58,489	28.3	27.8 - 28.9
1	CHN Of Berkshire	1022	31.2	27.5 - 34.8
2	Upper Valley Health Web	693	33.6	29.0 - 38.2
3	Partnership For Health In Hampshire County	914	30.4	26.7 - 34.1
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	757	24.9	21.1 - 28.6
4	Community Health Connection	4796	26.8	24.8 - 28.9
5	South County Connects	781	31.3	26.5 - 36.2
6	Community Partners For Health	803	24.5	21.1 - 28.0
8	Common Pathways	4606	26.1	24.1 - 28.2
9	CHN of North Central Massachusetts	1403	27.5	24.6 - 30.4
10	Greater Lowell CHN	4759	28.0	25.5 - 30.6
11	Greater Lawrence CHN	5305	24.9	22.9 - 27.0
12	Greater Haverhill CHN	748	26.7	22.8 - 30.6
13	NSCHN (Beverly/Gloucester Area)	696	35.1	30.4 - 39.7
14	NSCHN (Salem/Lynn Area)	1231	28.9	25.8 - 32.0
16	North Suburban Health Alliance	1145	26.4	23.3 - 29.5
7	Community Health Coalition of Metrowest	2053	27.4	25.0 - 29.7
15	Northwest Suburban Health Alliance	1209	29.3	25.9 - 32.6
17	Greater Cambridge/Somerville CHN	1172	26.2	23.2 - 29.3
18	West Suburban Health Network	1407	28.0	25.1 - 30.8
19	Boston Alliance For Community Health	6557	23.6	22.2 - 25.0
20	Blue Hills Community Health Alliance	1837	31.4	28.7 - 34.1
22	Greater Brockton CHN	958	26.2	22.9 - 29.5
23	South Shore CHN	886	34.6	30.5 - 38.6
24	Greater Attleboro-Taunton CHN	1149	29.2	25.9 - 32.6
25	Partners For Healthier Communities	4282	26.2	24.3 - 28.0
26	Greater New Bedford CHN	5035	27.9	25.7 - 30.1
27	Cape Cod And Islands Health Network	1750	40.2	37.2 - 43.1

A former smoker was defined as someone who has smoked at least 100 cigarettes in his/her lifetime but no longer smokes. Presented here is the percentage of adults who reported being former smokers.

Percentage of Adults Who Reported That They Were Exposed to Environmental Tobacco Smoke by CHNA, 2007-2009

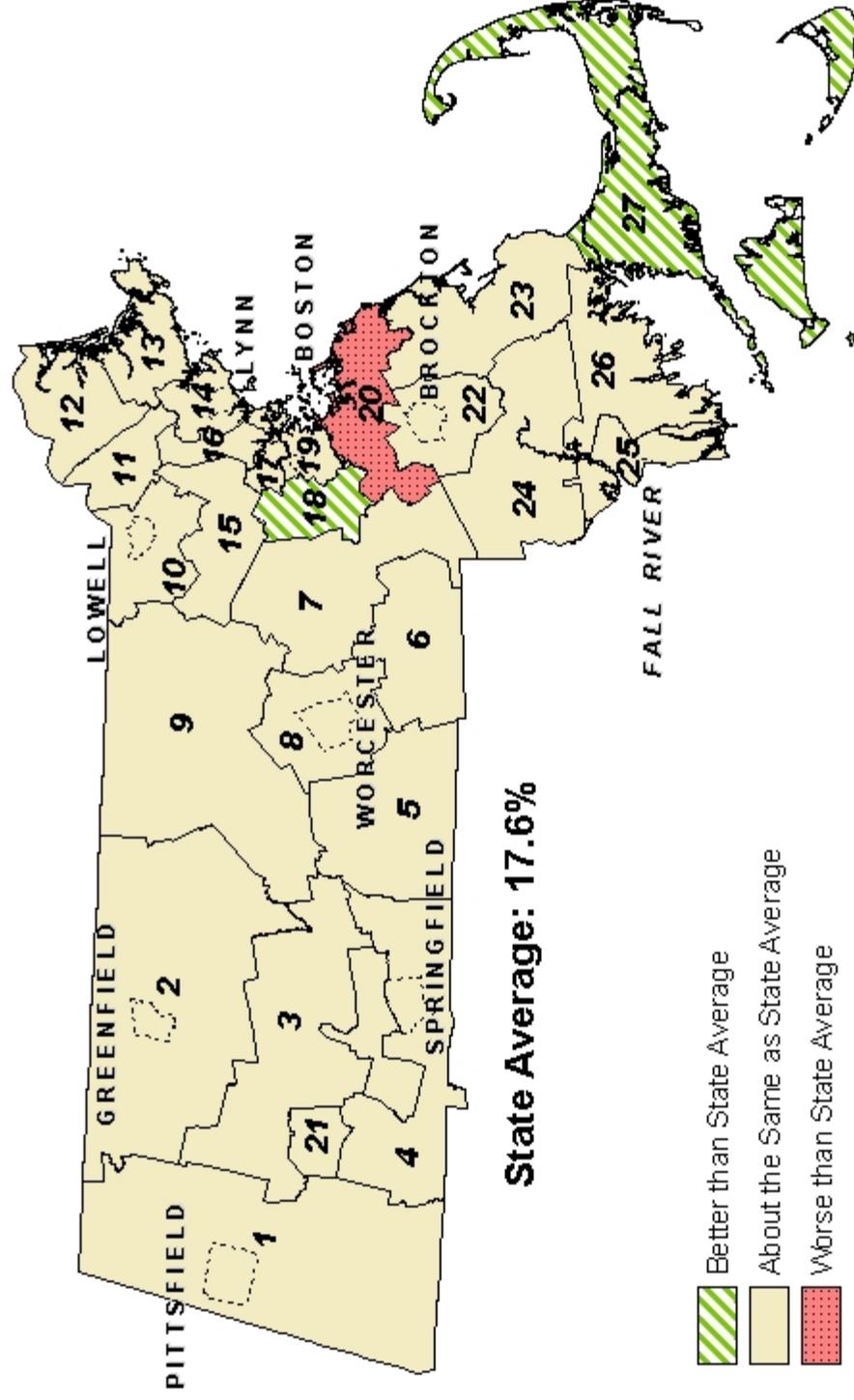


PERCENTAGE OF ADULTS WHO REPORTED THAT THEY WERE EXPOSED TO ENVIRONMENTAL TOBACCO SMOKE BY CHNA, 2007-2009

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	39,362	37.5	36.6 - 38.4
1	CHN Of Berkshire	229	38.6	33.2 - 44.0
2	Upper Valley Health Web	181	43.4	37.0 - 49.8
3	Partnership For Health In Hampshire County	193	39.4	33.6 - 45.1
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	174	42.8	36.3 - 49.3
4	Community Health Connection	1208	40.9	38.0 - 43.9
5	South County Connects	182	42.6	36.2 - 49.0
6	Community Partners For Health	176	38.4	32.5 - 44.2
8	Common Pathways	1129	37.4	34.3 - 40.4
9	CHN of North Central Massachusetts	298	35.8	31.5 - 40.2
10	Greater Lowell CHN	1243	41.6	38.0 - 45.3
11	Greater Lawrence CHN	1043	33.2	30.4 - 36.1
12	Greater Haverhill CHN	152	37.1	30.6 - 43.6
13	NSCHN (Beverly/Gloucester Area)	123	29.9	23.8 - 36.1
14	NSCHN (Salem/Lynn Area)	246	38.6	33.8 - 43.4
16	North Suburban Health Alliance	228	38.1	33.1 - 43.1
7	Community Health Coalition of Metrowest	395	31.0	27.5 - 34.5
15	Northwest Suburban Health Alliance	217	32.2	27.4 - 36.9
17	Greater Cambridge/Somerville CHN	215	31.8	27.0 - 36.5
18	West Suburban Health Network	252	30.7	26.6 - 34.9
19	Boston Alliance For Community Health	1584	40.7	38.4 - 43.1
20	Blue Hills Community Health Alliance	374	33.2	29.6 - 36.8
22	Greater Brockton CHN	230	43.4	37.8 - 49.0
23	South Shore CHN	169	35.7	30.0 - 41.4
24	Greater Attleboro-Taunton CHN	274	44.6	39.2 - 50.0
25	Partners For Healthier Communities	1091	45.7	42.6 - 48.7
26	Greater New Bedford CHN	1250	41.6	38.5 - 44.7
27	Cape Cod And Islands Health Network	310	31.7	27.5 - 35.9

Respondents were asked about exposure to environmental tobacco smoke at their home, work, or other places. ETS exposure was defined in one of two ways depending on whether respondents reported working outside the home or not on an earlier employment status question. Among the employed (including the self-employed), ETS exposure was defined as any report of exposure to ETS at work, at home, or in other places in the past 7 days. Among those not employed outside the home, ETS exposure was defined as any exposure to ETS at home or in other places in the past 7 days. Presented here is the percentage of adults who reported any ETS exposure as defined above.

Percentage of Adults Who Reported Binge Drinking by CHINA, 2007-2009

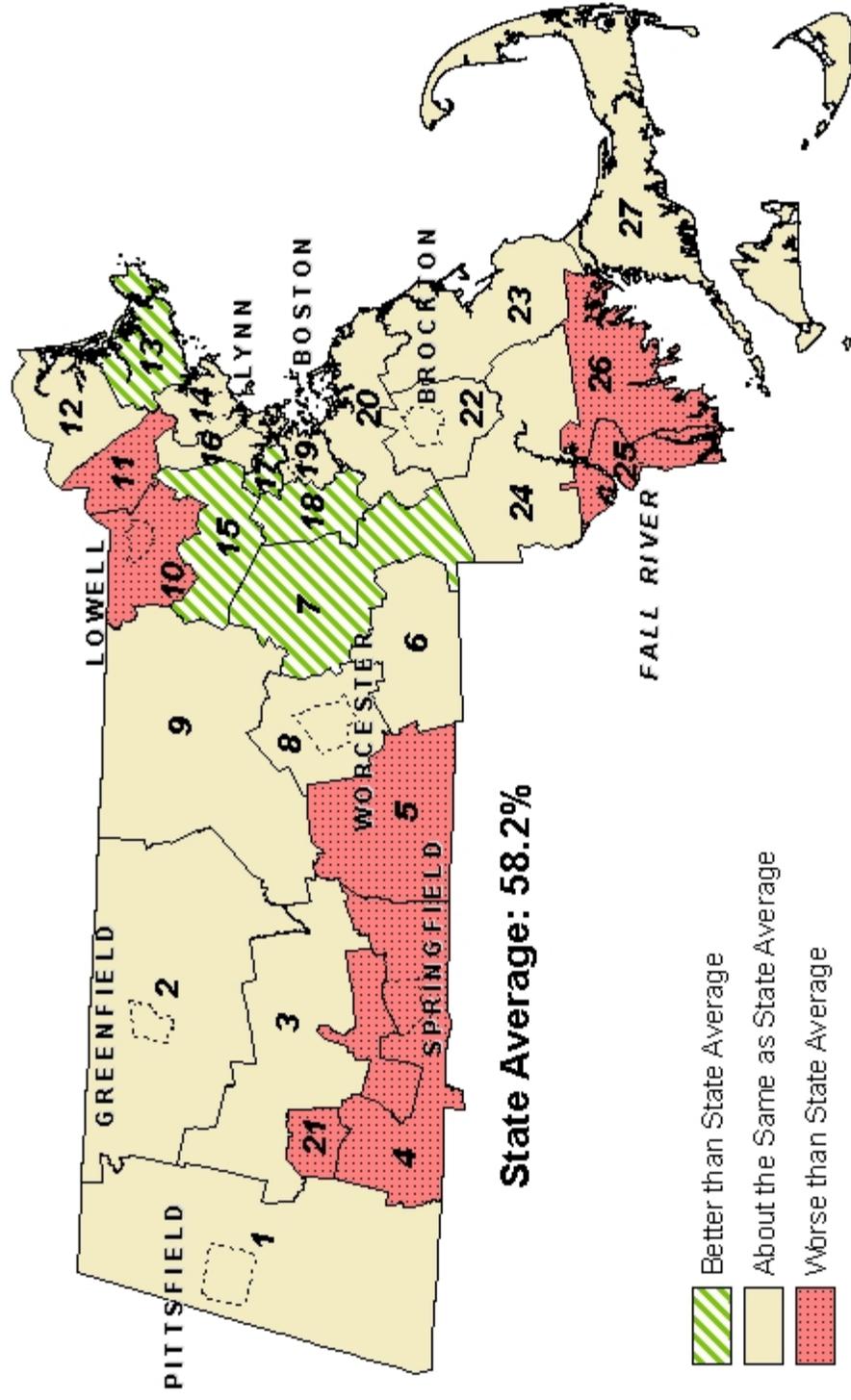


**PERCENTAGE OF ADULTS WHO REPORTED BINGE DRINKING
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	56235	17.6	17.0 - 18.2
1	CHN Of Berkshire	981	18.2	14.2 - 22.1
2	Upper Valley Health Web	679	15.5	11.8 - 19.2
3	Partnership For Health In Hampshire County	888	15.8	12.2 - 19.4
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	735	18.3	14.1 - 22.4
4	Community Health Connection	4635	17.3	15.3 - 19.4
5	South County Connects	761	22.2	17.7 - 26.7
6	Community Partners For Health	778	16.7	12.7 - 20.7
8	Common Pathways	4457	18.3	15.6 - 21.0
9	CHN of North Central Massachusetts	1370	16.5	13.8 - 19.2
10	Greater Lowell CHN	4604	18.2	15.8 - 20.5
11	Greater Lawrence CHN	5123	15.8	14.0 - 17.5
12	Greater Haverhill CHN	723	18.3	13.9 - 22.7
13	NSCHN (Beverly/Gloucester Area)	675	18.8	13.6 - 24.1
14	NSCHN (Salem/Lynn Area)	1201	17.5	14.3 - 20.8
16	North Suburban Health Alliance	1102	17.1	13.9 - 20.3
7	Community Health Coalition of Metrowest	2000	18.4	15.5 - 21.4
15	Northwest Suburban Health Alliance	1171	18.2	14.2 - 22.3
17	Greater Cambridge/Somerville CHN	1144	15.8	12.4 - 19.2
18	West Suburban Health Network	1366	13.3	10.8 - 15.8
19	Boston Alliance For Community Health	6368	17.5	15.9 - 19.2
20	Blue Hills Community Health Alliance	1784	21.1	18.2 - 24.0
22	Greater Brockton CHN	929	15.6	12.2 - 19.0
23	South Shore CHN	854	21.0	16.6 - 25.4
24	Greater Attleboro-Taunton CHN	1115	20.6	16.7 - 24.4
25	Partners For Healthier Communities	4135	16.2	14.2 - 18.3
26	Greater New Bedford CHN	4886	17.9	15.7 - 20.0
27	Cape Cod And Islands Health Network	1691	14.2	11.8 - 16.6

All respondents were asked about their consumption of alcohol in the past month. A drink of alcohol was defined as one can or bottle of beer, one glass of wine, one can or bottle of wine cooler, one cocktail, or one shot of liquor. Binge drinking was defined as consumption of five or more drinks for men or four or more drinks for women, on any one occasion in the past month. Presented here is the percentage of adults who reported binge drinking.

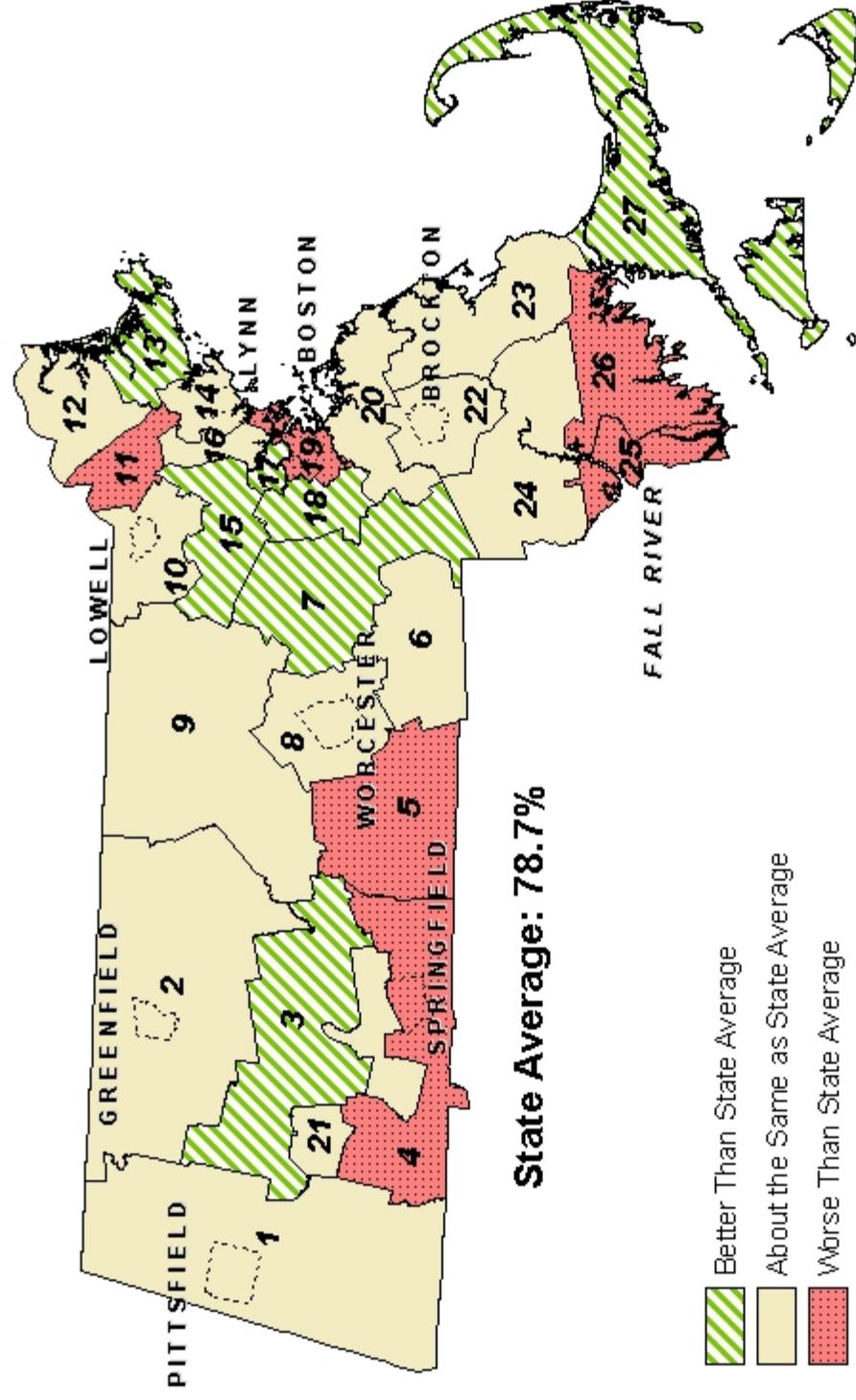
Percentage of Adults Who Reported That They Were Overweight (Includes Obese) by CHNA, 2007-2009



PERCENTAGE OF ADULTS WHO REPORTED THAT THEY WERE OVERWEIGHT (INCLUDES OBESE) BY CHNA, 2007-2009				
CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	55,281	58.2	57.4 - 58.9
1	CHN Of Berkshire	979	55.9	51.5 - 60.3
2	Upper Valley Health Web	674	56.0	50.8 - 61.3
3	Partnership For Health In Hampshire County	869	54.8	50.1 - 59.6
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	713	64.7	59.3 - 70.0
4	Community Health Connection	4521	64.0	61.6 - 66.5
5	South County Connects	748	65.4	60.3 - 70.6
6	Community Partners For Health	770	58.7	53.8 - 63.7
8	Common Pathways	4378	61.2	58.3 - 64.0
9	CHN of North Central Massachusetts	1343	61.3	57.8 - 64.8
10	Greater Lowell CHN	4490	63.7	60.8 - 66.6
11	Greater Lawrence CHN	4980	62.2	59.7 - 64.6
12	Greater Haverhill CHN	718	56.5	51.1 - 61.8
13	NSCHN (Beverly/Gloucester Area)	669	51.7	46.4 - 57.1
14	NSCHN (Salem/Lynn Area)	1173	61.7	57.7 - 65.7
16	North Suburban Health Alliance	1087	58.6	54.6 - 62.6
7	Community Health Coalition of Metrowest	1968	53.8	50.7 - 56.9
15	Northwest Suburban Health Alliance	1155	51.0	46.9 - 55.0
17	Greater Cambridge/Somerville CHN	1121	48.8	44.9 - 52.8
18	West Suburban Health Network	1362	50.5	47.0 - 54.1
19	Boston Alliance For Community Health	6265	57.5	55.5 - 59.5
20	Blue Hills Community Health Alliance	1744	59.6	56.5 - 62.7
22	Greater Brockton CHN	926	57.2	52.7 - 61.7
23	South Shore CHN	844	58.8	54.2 - 63.3
24	Greater Attleboro-Taunton CHN	1078	60.2	55.8 - 64.5
25	Partners For Healthier Communities	4065	62.4	59.8 - 65.0
26	Greater New Bedford CHN	4772	62.1	59.5 - 64.6
27	Cape Cod And Islands Health Network	1678	56.8	53.6 - 60.0

All respondents were asked to report their height and weight. Respondents' overweight status and obesity status were categorized based on their Body Mass Index (BMI), which equals weight in kilograms divided by height in meters squared. Using the Healthy People 2010 standards (HP2010), all adults with a BMI between 25.0 and 29.9 were classified as being overweight. For example, a person who is 5'6" would be considered overweight at 155 pounds (BMI = 25). Presented here is the percentage of respondents who were determined to be overweight. Please note that overweight includes all adults with a BMI of greater than 25.0, including obese respondents.

Percentage of Adults Who Reported Any Leisure Time Physical Activity by CHNA, 2007-2009

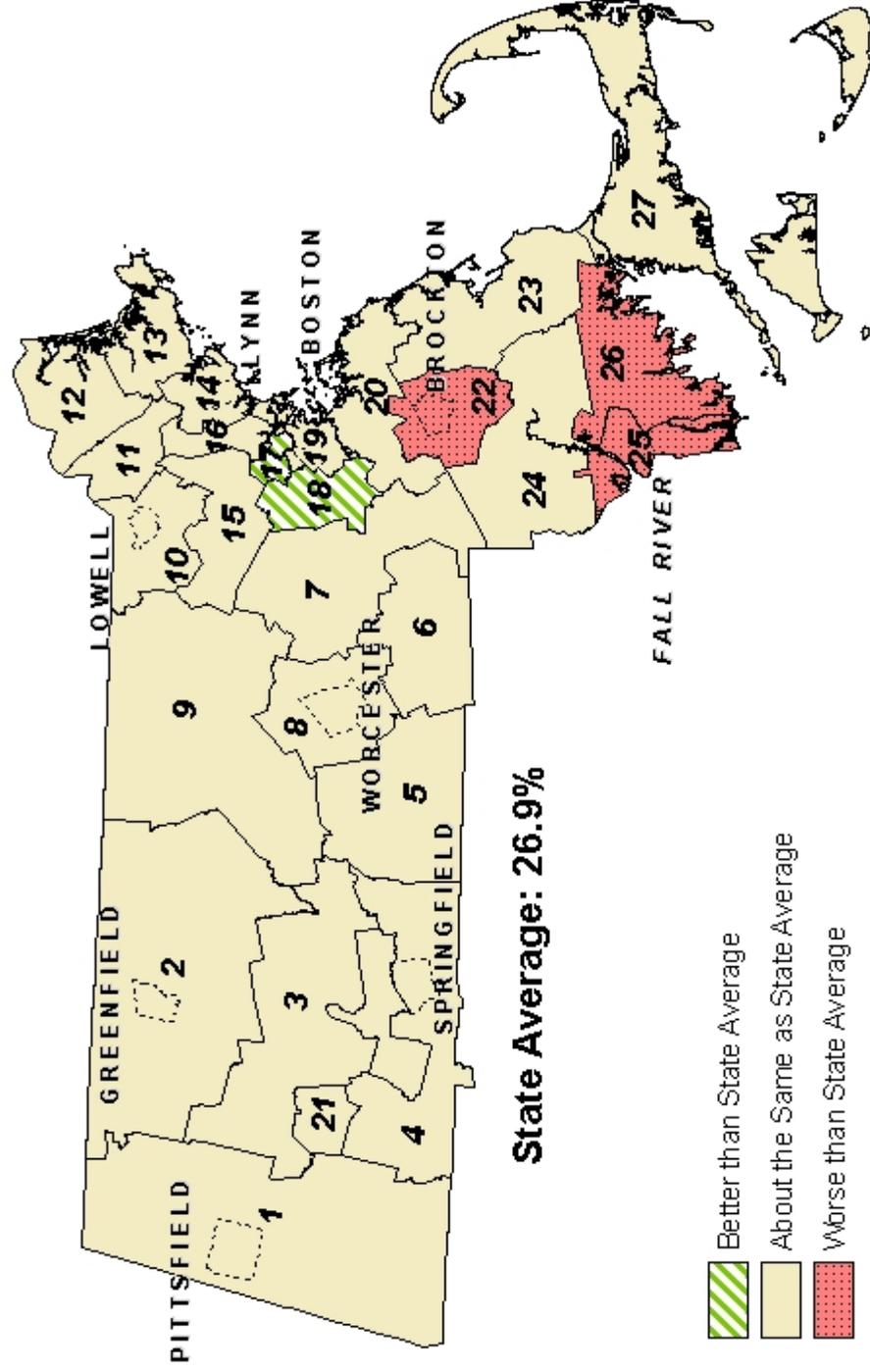


**PERCENTAGE OF ADULTS WHO REPORTED ANY LEISURE TIME
PHYSICAL ACTIVITY
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	58757	78.7	78.1 - 79.2
1	CHN Of Berkshire	1026	78.8	75.8 - 81.9
2	Upper Valley Health Web	699	81.6	78.0 - 85.1
3	Partnership For Health In Hampshire County	917	85.0	82.1 - 87.9
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	762	75.1	71.1 - 79.2
4	Community Health Connection	4805	72.5	70.5 - 74.5
5	South County Connects	785	71.9	67.0 - 76.9
6	Community Partners For Health	805	80.9	77.4 - 84.5
8	Common Pathways	4635	76.2	74.0 - 78.5
9	CHN of North Central Massachusetts	1412	78.8	76.1 - 81.5
10	Greater Lowell CHN	4778	78.1	76.0 - 80.2
11	Greater Lawrence CHN	5321	73.6	71.7 - 75.5
12	Greater Haverhill CHN	759	79.4	75.4 - 83.3
13	NSCHN (Beverly/Gloucester Area)	703	83.3	79.9 - 86.7
14	NSCHN (Salem/Lynn Area)	1243	76.5	73.3 - 79.8
16	North Suburban Health Alliance	1145	77.8	74.6 - 81.1
7	Community Health Coalition of Metrowest	2063	82.3	80.1 - 84.5
15	Northwest Suburban Health Alliance	1211	86.6	84.4 - 88.8
17	Greater Cambridge/Somerville CHN	1178	83.6	80.9 - 86.3
18	West Suburban Health Network	1415	85.6	83.2 - 88.0
19	Boston Alliance For Community Health	6591	75.5	73.8 - 77.2
20	Blue Hills Community Health Alliance	1849	81.1	78.9 - 83.3
22	Greater Brockton CHN	965	75.8	71.7 - 79.9
23	South Shore CHN	886	81.1	78.0 - 84.3
24	Greater Attleboro-Taunton CHN	1156	78.4	75.1 - 81.6
25	Partners For Healthier Communities	4302	67.4	65.0 - 69.9
26	Greater New Bedford CHN	5052	71.8	69.6 - 73.9
27	Cape Cod And Islands Health Network	1756	83.0	80.7 - 85.4

All respondents were asked if they had participated in any physical activity, other than their regular job, in the past month. Presented here is the percentage of respondents who reported any leisure time physical activity. It is important to note that these statistics do not specify the length of time respondents were active per bout of physical activity, the number of days per week they were active, nor how intense the activity was.

Percentage of Adults Who Reported That They Consume 5 or More Servings Of Fruits and Vegetables Per Day by CHNA, 2007-2009

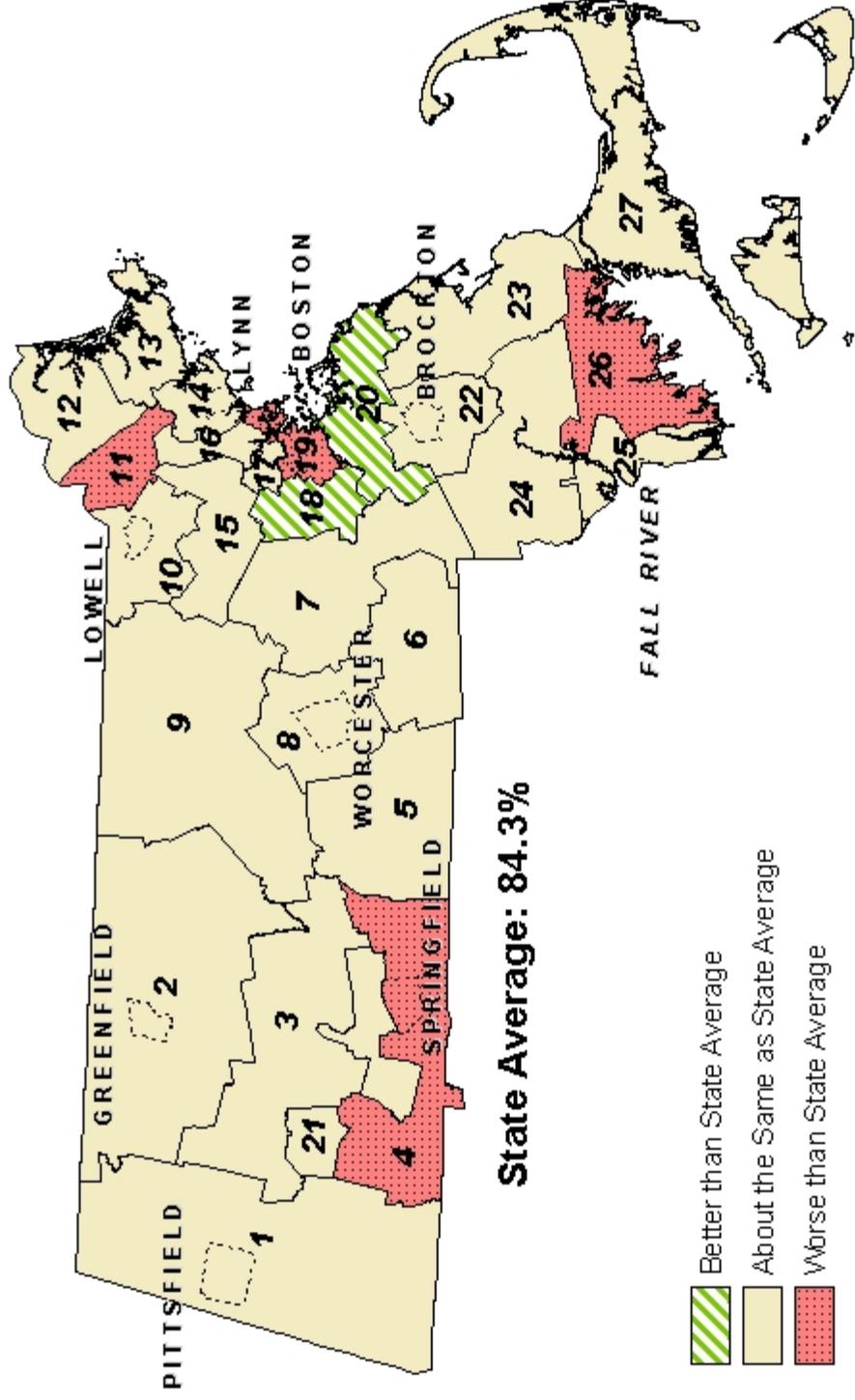


**PERCENTAGE OF ADULTS WHO REPORTED THAT THEY CONSUME FIVE OR MORE SERVINGS OF FRUITS AND VEGETABLES PER DAY
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	36,451	26.9	26.1 - 27.6
1	CHN Of Berkshire	581	28.6	23.5 - 33.7
2	Upper Valley Health Web	424	30.2	24.0 - 36.4
3	Partnership For Health In Hampshire County	613	30.7	25.8 - 35.6
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	473	26.9	20.7 - 33.1
4	Community Health Connection	2944	24.6	22.0 - 27.3
5	South County Connects	484	25.5	20.7 - 30.3
6	Community Partners For Health	546	29.1	24.2 - 34.1
8	Common Pathways	2851	25.6	22.8 - 28.4
9	CHN of North Central Massachusetts	936	25.5	22.0 - 28.9
10	Greater Lowell CHN	2920	25.3	21.9 - 28.8
11	Greater Lawrence CHN	3320	27.5	24.8 - 30.1
12	Greater Haverhill CHN	493	32.0	25.6 - 38.5
13	NSCHN (Beverly/Gloucester Area)	445	30.1	24.5 - 35.7
14	NSCHN (Salem/Lynn Area)	790	24.2	20.4 - 28.0
16	North Suburban Health Alliance	757	25.2	21.4 - 29.1
7	Community Health Coalition of Metrowest	1295	29.8	26.3 - 33.2
15	Northwest Suburban Health Alliance	787	26.3	22.6 - 30.1
17	Greater Cambridge/Somerville CHN	739	33.5	29.1 - 38.0
18	West Suburban Health Network	866	31.6	27.7 - 35.5
19	Boston Alliance For Community Health	4157	25.2	23.2 - 27.2
20	Blue Hills Community Health Alliance	1140	28.9	25.3 - 32.5
22	Greater Brockton CHN	579	20.9	16.8 - 25.0
23	South Shore CHN	579	25.3	20.6 - 30.0
24	Greater Attleboro-Taunton CHN	750	23.2	19.2 - 27.2
25	Partners For Healthier Communities	2614	20.8	18.4 - 23.1
26	Greater New Bedford CHN	3209	23.0	20.4 - 25.5
27	Cape Cod And Islands Health Network	1107	28.7	25.4 - 32.0

All respondents were asked approximately how many servings of fruits and vegetables they consumed each day. Presented here is the percentage of respondents who stated that they consumed at least five servings of fruits or vegetables per day.

Percentage of Adults Who Reported Having Had Cholesterol Checked In Past Five Years by CHNA, 2007-2009



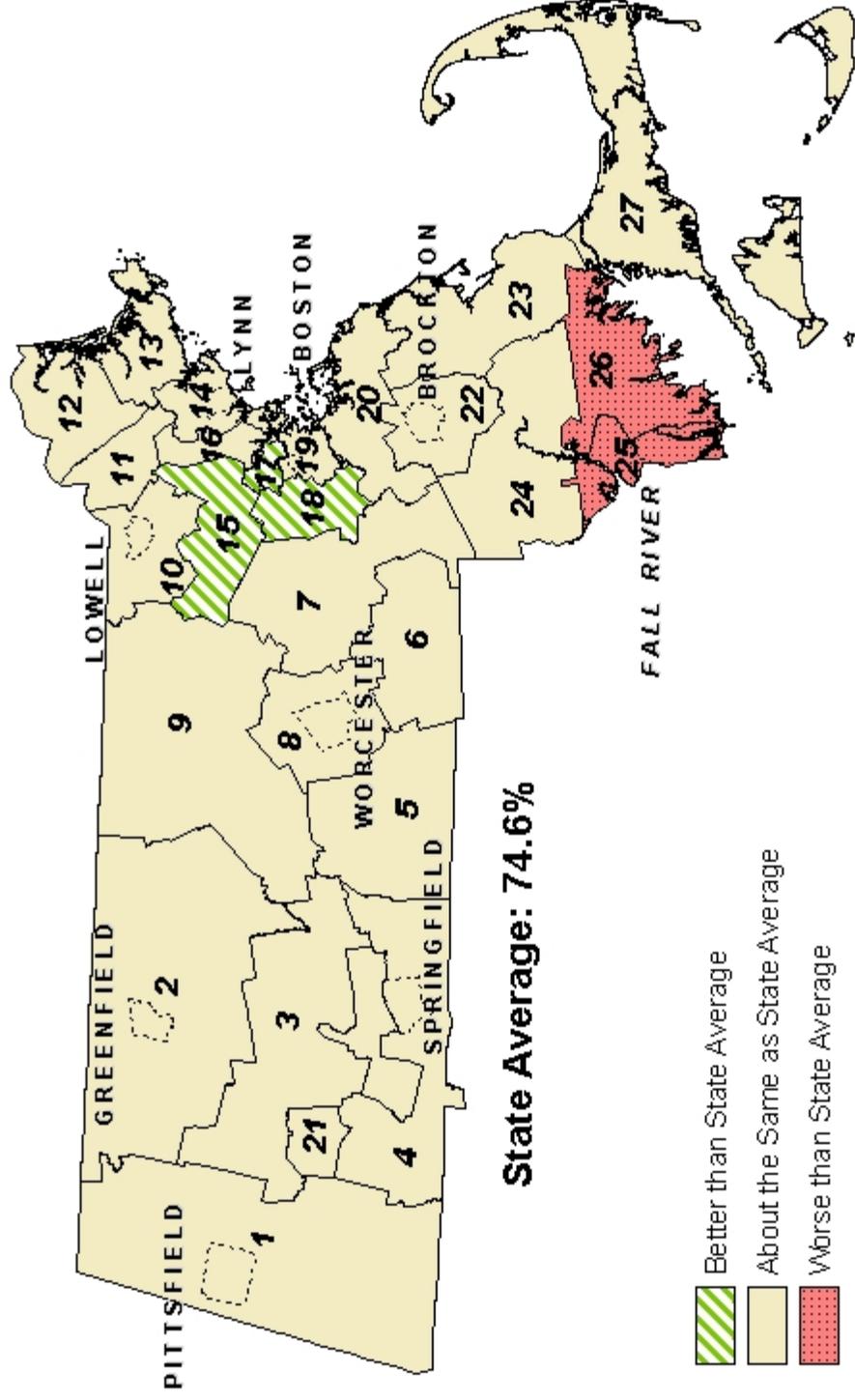
Source of Data: Massachusetts Behavioral Risk Factor Surveillance System, 2007-2009

**PERCENTAGE OF ADULTS WHO REPORTED HAVING HAD CHOLESTEROL
CHECKED IN PAST FIVE YEARS
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	37153	84.3	83.5 - 85.1
1	CHN Of Berkshire	588	85.4	80.7 - 90.1
2	Upper Valley Health Web	415	83.1	78.2 - 88.1
3	Partnership For Health In Hampshire County	609	83.4	78.3 - 88.6
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	476	78.8	71.6 - 85.9
4	Community Health Connection	2976	80.1	77.2 - 83.0
5	South County Connects	494	85.5	80.7 - 90.4
6	Community Partners For Health	548	86.6	82.3 - 91.0
8	Common Pathways	2910	85.1	81.9 - 88.3
9	CHN of North Central Massachusetts	937	84.1	80.4 - 87.8
10	Greater Lowell CHN	2965	83.5	80.3 - 86.8
11	Greater Lawrence CHN	3393	80.6	78.4 - 82.8
12	Greater Haverhill CHN	498	84.3	77.9 - 90.7
13	NSCHN (Beverly/Gloucester Area)	449	85.5	79.7 - 91.2
14	NSCHN (Salem/Lynn Area)	802	82.6	77.5 - 87.7
16	North Suburban Health Alliance	770	84.6	80.4 - 88.8
7	Community Health Coalition of Metrowest	1313	86.3	83.2 - 89.5
15	Northwest Suburban Health Alliance	799	87.0	82.4 - 91.7
17	Greater Cambridge/Somerville CHN	745	85.4	81.8 - 89.0
18	West Suburban Health Network	869	91.0	88.1 - 93.9
19	Boston Alliance For Community Health	4207	79.5	76.9 - 82.0
20	Blue Hills Community Health Alliance	1168	90.5	88.0 - 93.1
22	Greater Brockton CHN	599	88.3	84.6 - 92.1
23	South Shore CHN	590	84.2	78.9 - 89.4
24	Greater Attleboro-Taunton CHN	757	83.1	77.6 - 88.5
25	Partners For Healthier Communities	2652	84.5	81.6 - 87.3
26	Greater New Bedford CHN	3240	80.7	77.9 - 83.5
27	Cape Cod And Islands Health Network	1115	86.1	81.7 - 90.5

All respondents were asked about whether they had ever had their cholesterol tested, and, if so, how long it had been since they last had it tested. Presented here is the percentage of respondents who indicated that they had had their cholesterol tested in the past five years.

Percentage of Adults Age 65+ Who Reported Having Had a Flu Vaccine in the Past 12 Months by CHNA, 2007-2009



Source of Data: Massachusetts Behavioral Risk Factor Surveillance System, 2007-2009

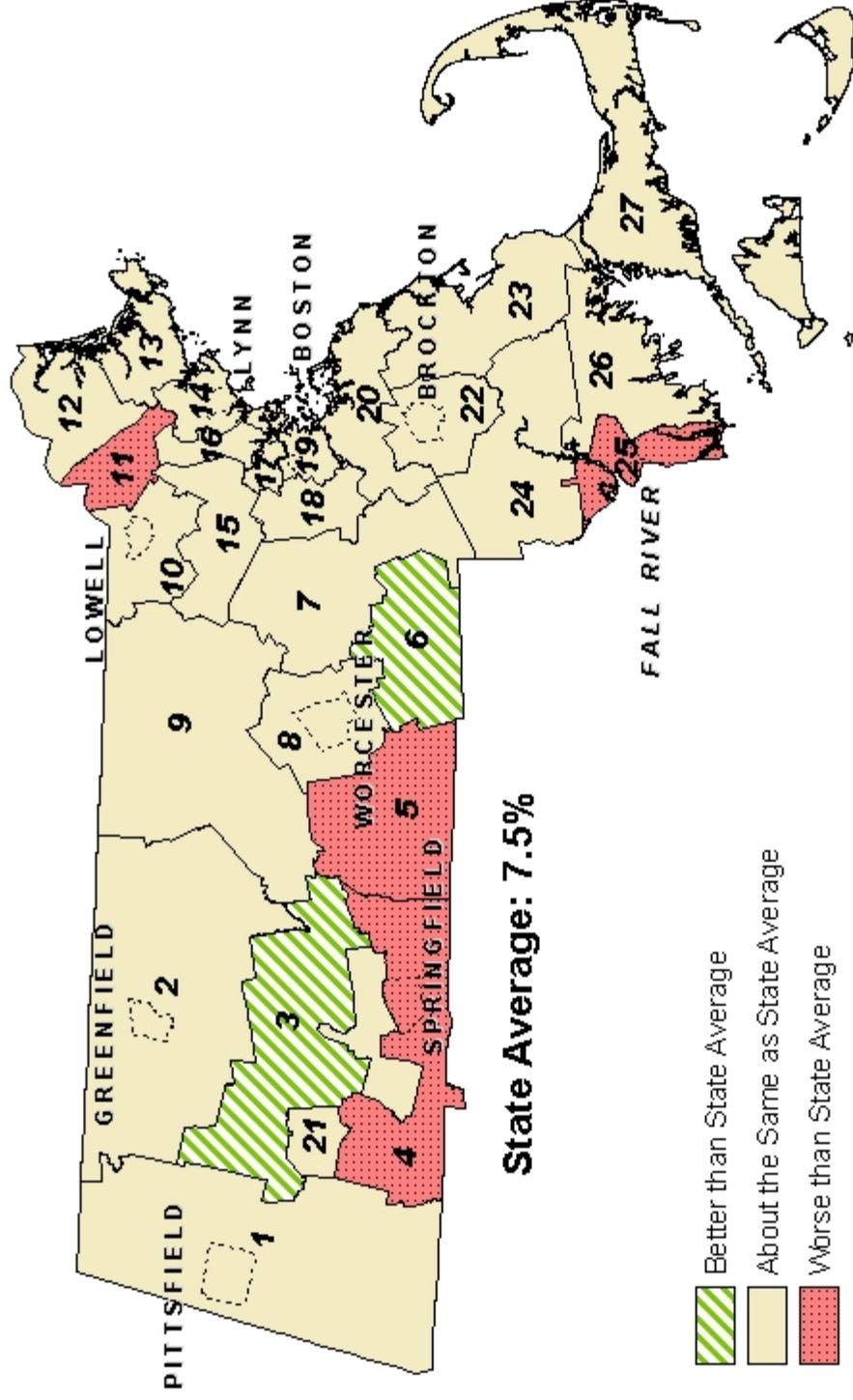
**PERCENTAGE OF ADULTS AGES 65+ WHO REPORTED HAVING HAD A FLU
VACCINE IN THE PAST 12 MONTHS
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	16,279	74.6	73.6 - 75.5
1	CHN Of Berkshire	324	69.6	63.8 - 75.4
2	Upper Valley Health Web	189	74.0	66.9 - 81.0
3	Partnership For Health In Hampshire County	247	73.9	67.2 - 80.5
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	212	68.1	60.9 - 75.3
4	Community Health Connection	1375	74.3	71.0 - 77.6
5	South County Connects	225	72.0	65.5 - 78.6
6	Community Partners For Health	174	79.0	72.8 - 85.3
8	Common Pathways	1255	74.8	71.6 - 78.0
9	CHN of North Central Massachusetts	375	69.8	64.7 - 74.8
10	Greater Lowell CHN	1185	75.0	70.4 - 79.6
11	Greater Lawrence CHN	1346	70.6	66.4 - 74.9
12	Greater Haverhill CHN	234	67.5	60.6 - 74.4
13	NSCHN (Beverly/Gloucester Area)	225	76.7	70.3 - 83.0
14	NSCHN (Salem/Lynn Area)	364	77.3	72.6 - 82.1
16	North Suburban Health Alliance	345	73.0	67.4 - 78.5
7	Community Health Coalition of Metrowest	546	78.3	74.3 - 82.3
15	Northwest Suburban Health Alliance	372	80.8	76.4 - 85.2
17	Greater Cambridge/Somerville CHN	306	81.6	76.8 - 86.4
18	West Suburban Health Network	465	83.0	79.2 - 86.8
19	Boston Alliance For Community Health	1633	72.0	69.0 - 74.9
20	Blue Hills Community Health Alliance	600	78.2	74.2 - 82.3
22	Greater Brockton CHN	236	69.6	62.8 - 76.4
23	South Shore CHN	263	75.7	69.7 - 81.7
24	Greater Attleboro-Taunton CHN	260	72.2	65.8 - 78.6
25	Partners For Healthier Communities	1317	65.0	61.4 - 68.7
26	Greater New Bedford CHN	1487	67.7	63.6 - 71.7
27	Cape Cod And Islands Health Network	704	75.4	71.9 - 79.0

All respondents were asked if they had received an influenza vaccine (flu shot) or nasal flu spray (flu mist) within the past 12 months. Presented here is the percentages of adults ages 65 and older who received a flu vaccine or spray in the past year.

SECTION 4: CHRONIC HEALTH CONDITIONS

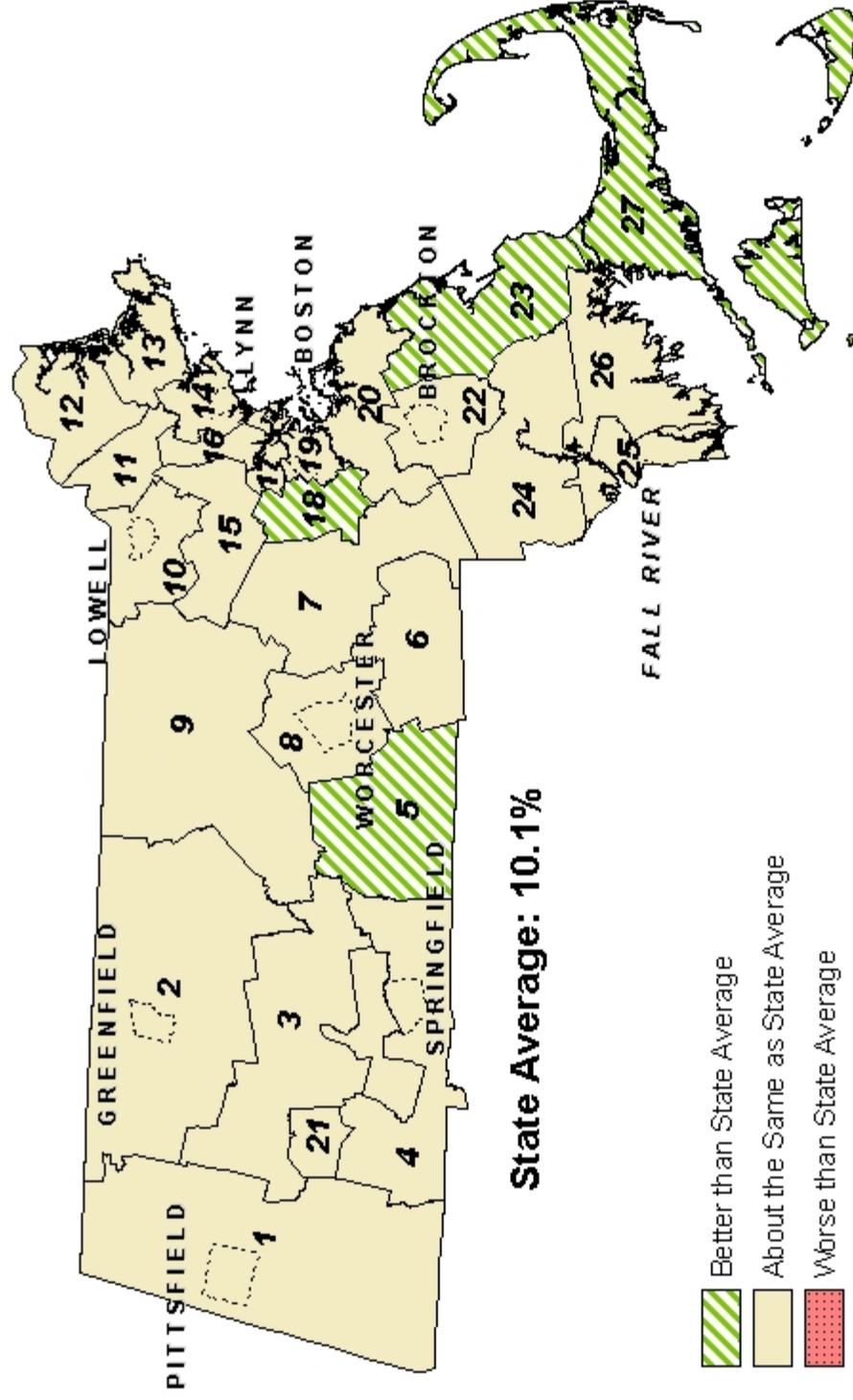
Percentage of Adults Who Reported Having Been Diagnosed With Diabetes by CHNA, 2007-2009



PERCENTAGE OF ADULTS WHO REPORTED HAVING BEEN DIAGNOSED WITH DIABETES BY CHNA, 2007-2009				
CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	58,736	7.5	7.2 - 7.8
1	CHN Of Berkshire	1026	7.3	5.7 - 8.9
2	Upper Valley Health Web	699	6.2	4.4 - 8.0
3	Partnership For Health In Hampshire County	917	5.6	4.1 - 7.0
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	762	9.5	7.1 - 12.0
4	Community Health Connection	4805	10.0	8.9 - 11.2
5	South County Connects	784	11.2	8.5 - 13.9
6	Community Partners For Health	805	5.4	3.9 - 6.9
8	Common Pathways	4632	7.7	6.6 - 8.8
9	CHN of North Central Massachusetts	1410	6.4	5.1 - 7.6
10	Greater Lowell CHN	4780	8.8	7.3 - 10.4
11	Greater Lawrence CHN	5320	9.1	8.0 - 10.2
12	Greater Haverhill CHN	756	6.7	4.8 - 8.6
13	NSCHN (Beverly/Gloucester Area)	703	5.5	3.6 - 7.4
14	NSCHN (Salem/Lynn Area)	1243	7.1	5.5 - 8.7
16	North Suburban Health Alliance	1145	7.4	5.6 - 9.3
7	Community Health Coalition of Metrowest	2062	6.3	5.2 - 7.5
15	Northwest Suburban Health Alliance	1211	5.7	3.9 - 7.6
17	Greater Cambridge/Somerville CHN	1178	5.9	4.1 - 7.7
18	West Suburban Health Network	1415	6.8	5.2 - 8.4
19	Boston Alliance For Community Health	6586	7.8	7.0 - 8.5
20	Blue Hills Community Health Alliance	1848	7.3	6.0 - 8.7
22	Greater Brockton CHN	965	7.8	6.0 - 9.6
23	South Shore CHN	889	7.1	5.0 - 9.2
24	Greater Attleboro-Taunton CHN	1154	7.6	5.9 - 9.2
25	Partners For Healthier Communities	4300	10.0	8.9 - 11.1
26	Greater New Bedford CHN	5048	8.9	7.6 - 10.1
27	Cape Cod And Islands Health Network	1754	8.2	6.7 - 9.7

All respondents were asked if a doctor had ever told them that they had diabetes. Women who reported that they had diabetes only during pregnancy (gestational diabetes) were categorized as not having diabetes. Presented here is the percentage of respondents who reported that a doctor had ever told them that they had diabetes.

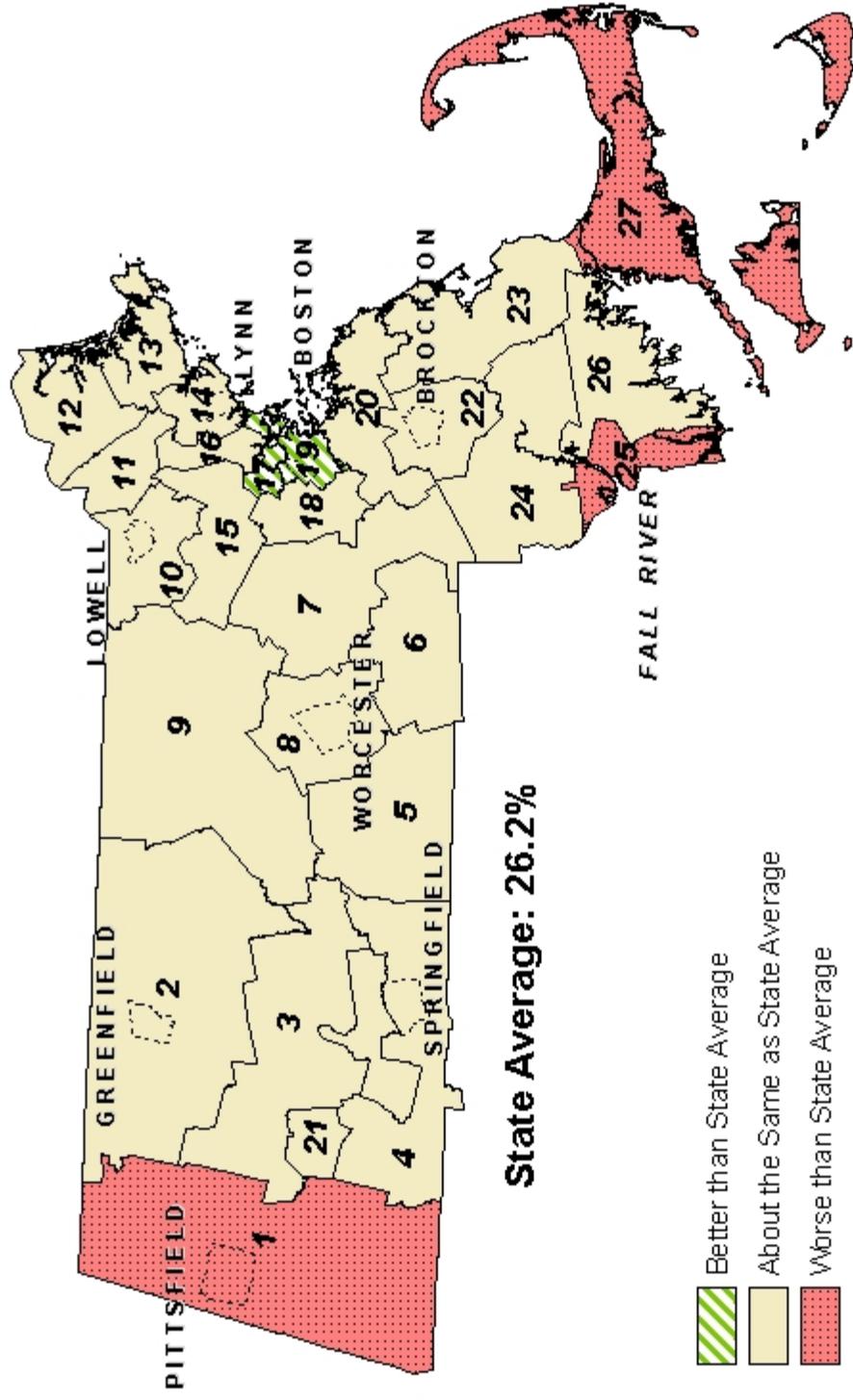
Percentage of Adults Who Reported Current Asthma by CHNA, 2007-2009



PERCENTAGE OF ADULTS WHO REPORTED CURRENT ASTHMA BY CHNA, 2007-2009				
CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	58,382	10.1	9.7 - 10.5
1	CHN Of Berkshire	1020	12.0	8.6 - 15.4
2	Upper Valley Health Web	694	10.8	7.4 - 14.2
3	Partnership For Health In Hampshire County	908	9.7	7.2 - 12.2
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	757	11.2	8.1 - 14.3
4	Community Health Connection	4774	10.8	9.5 - 12.2
5	South County Connects	782	7.1	5.0 - 9.2
6	Community Partners For Health	801	10.5	7.6 - 13.5
8	Common Pathways	4598	10.0	8.6 - 11.4
9	CHN of North Central Massachusetts	1404	12.4	9.6 - 15.2
10	Greater Lowell CHN	4753	9.6	8.1 - 11.2
11	Greater Lawrence CHN	5300	10.9	9.5 - 12.4
12	Greater Haverhill CHN	752	7.1	4.3 - 9.9
13	NSCHN (Beverly/Gloucester Area)	695	9.3	6.7 - 11.9
14	NSCHN (Salem/Lynn Area)	1236	11.9	9.3 - 14.4
16	North Suburban Health Alliance	1135	11.1	8.3 - 13.8
7	Community Health Coalition of Metrowest	2047	10.7	8.8 - 12.5
15	Northwest Suburban Health Alliance	1206	9.2	6.9 - 11.5
17	Greater Cambridge/Somerville CHN	1169	8.8	6.7 - 10.9
18	West Suburban Health Network	1406	7.3	5.6 - 8.9
19	Boston Alliance For Community Health	6550	9.7	8.7 - 10.7
20	Blue Hills Community Health Alliance	1834	11.7	9.6 - 13.7
22	Greater Brockton CHN	957	11.9	9.0 - 14.8
23	South Shore CHN	883	7.4	5.1 - 9.7
24	Greater Attleboro-Taunton CHN	1155	10.3	7.5 - 13.2
25	Partners For Healthier Communities	4268	11.2	9.9 - 12.6
26	Greater New Bedford CHN	5012	11.8	10.2 - 13.4
27	Cape Cod And Islands Health Network	1750	7.7	6.0 - 9.5

All respondents were asked if a doctor, nurse, or other health care professional had ever told them that they had asthma. Those who reported ever having asthma were then asked if they currently have asthma. Reported here are the percentages of adult respondents who reported currently having asthma.

Percentage of Adults Who Reported Having Been Told by a Doctor That They Had Arthritis by CHNA, 2007-2009

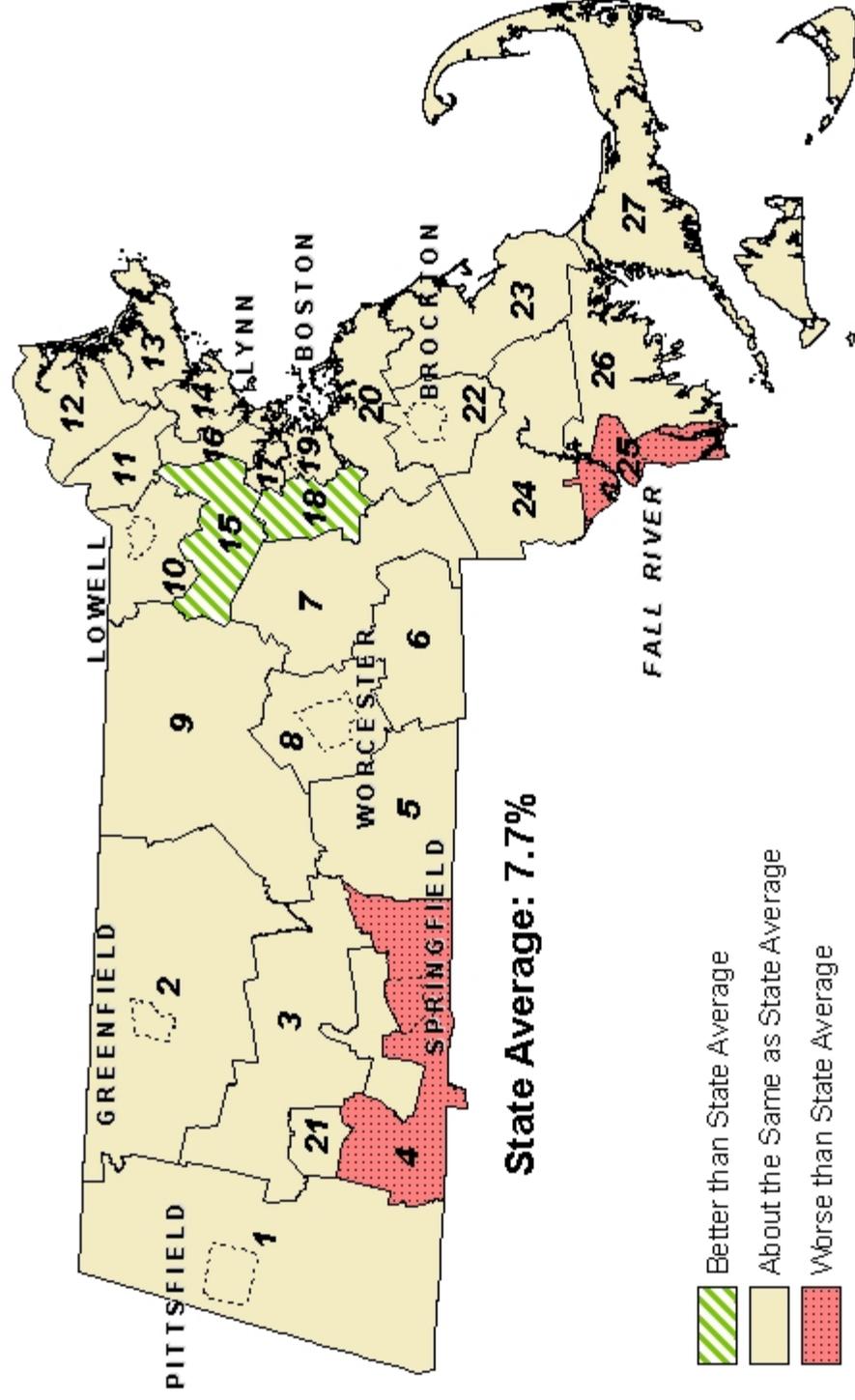


**PERCENTAGE OF ADULTS WHO REPORTED HAVING BEEN TOLD BY A DOCTOR
THAT THEY HAD ARTHRITIS
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	36,632	26.2	25.5 - 26.8
1	CHN Of Berkshire	580	31.9	27.2 - 36.6
2	Upper Valley Health Web	420	31.0	25.7 - 36.3
3	Partnership For Health In Hampshire County	610	28.4	24.2 - 32.6
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	474	29.6	24.4 - 34.8
4	Community Health Connection	2954	28.2	25.8 - 30.7
5	South County Connects	489	29.7	24.5 - 34.9
6	Community Partners For Health	546	23.1	19.1 - 27.1
8	Common Pathways	2861	24.2	21.9 - 26.6
9	CHN of North Central Massachusetts	945	28.2	24.9 - 31.6
10	Greater Lowell CHN	2947	23.4	20.6 - 26.1
11	Greater Lawrence CHN	3339	25.1	22.7 - 27.5
12	Greater Haverhill CHN	490	24.7	20.1 - 29.2
13	NSCHN (Beverly/Gloucester Area)	445	29.4	24.2 - 34.6
14	NSCHN (Salem/Lynn Area)	801	28.9	24.9 - 32.8
16	North Suburban Health Alliance	756	22.6	19.3 - 25.9
7	Community Health Coalition of Metrowest	1304	23.2	20.6 - 25.8
15	Northwest Suburban Health Alliance	794	24.2	20.7 - 27.6
17	Greater Cambridge/Somerville CHN	744	20.8	17.6 - 24.1
18	West Suburban Health Network	872	23.5	20.3 - 26.6
19	Boston Alliance For Community Health	4180	22.2	20.6 - 23.8
20	Blue Hills Community Health Alliance	1151	28.1	25.1 - 31.2
22	Greater Brockton CHN	585	25.8	21.4 - 30.1
23	South Shore CHN	579	29.6	25.3 - 33.9
24	Greater Attleboro-Taunton CHN	756	27.8	23.7 - 31.8
25	Partners For Healthier Communities	2622	29.2	26.9 - 31.6
26	Greater New Bedford CHN	3226	26.6	24.2 - 29.0
27	Cape Cod And Islands Health Network	1110	32.5	29.0 - 35.9

All respondents were asked if a doctor or other health professional had ever told them they had arthritis. Presented here is the percentage of respondents who indicated that they had been diagnosed with arthritis.

Percentage of Adults Age 35+ Who Were Told by A Health Provider That They Had Cardiovascular Disease by CHNA, 2007-2009

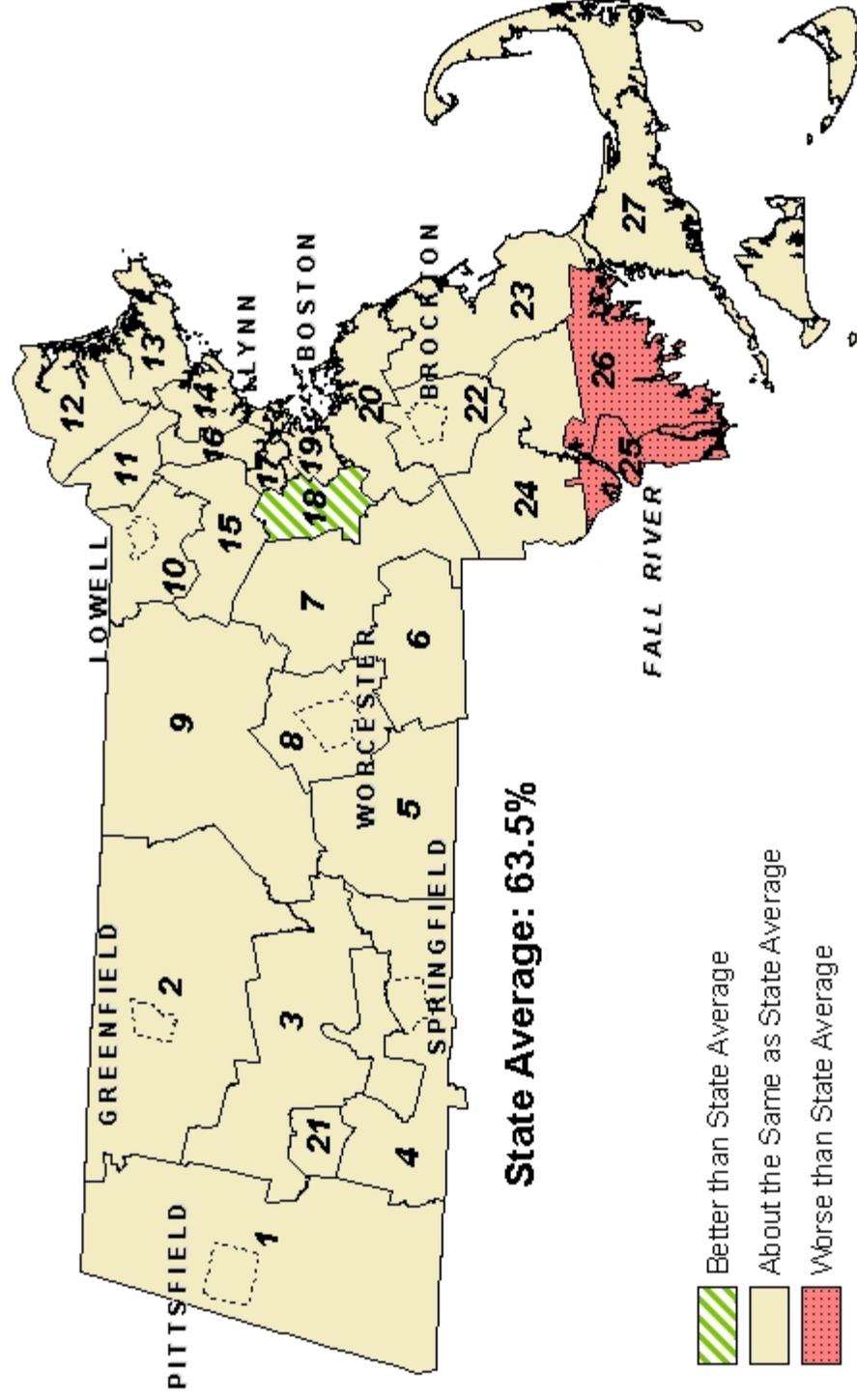


PERCENTAGE OF ADULTS AGES 35+ WHO WERE TOLD BY A HEALTH PROVIDER THAT THEY HAD CARDIOVASCULAR DISEASE BY CHNA, 2007-2009				
CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	49,898	7.7	7.4 - 8.0
1	CHN Of Berkshire	899	7.7	5.9 - 9.5
2	Upper Valley Health Web	613	7.3	5.0 - 9.5
3	Partnership For Health In Hampshire County	809	8.1	6.1 - 10.1
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	642	9.3	6.8 - 11.8
4	Community Health Connection	3953	9.7	8.4 - 11.0
5	South County Connects	672	8.6	6.5 - 10.7
6	Community Partners For Health	700	7.7	5.6 - 9.7
8	Common Pathways	3870	8.2	7.1 - 9.3
9	CHN of North Central Massachusetts	1220	6.6	5.2 - 8.0
10	Greater Lowell CHN	3942	7.9	6.5 - 9.3
11	Greater Lawrence CHN	4436	7.6	6.3 - 9.0
12	Greater Haverhill CHN	658	9.3	6.8 - 11.8
13	NSCHN (Beverly/Gloucester Area)	640	8.3	6.0 - 10.6
14	NSCHN (Salem/Lynn Area)	1099	7.0	5.0 - 9.0
16	North Suburban Health Alliance	1006	6.8	5.3 - 8.4
7	Community Health Coalition of Metrowest	1820	6.9	5.6 - 8.3
15	Northwest Suburban Health Alliance	1098	5.7	4.3 - 7.2
17	Greater Cambridge/Somerville CHN	984	7.1	5.1 - 9.1
18	West Suburban Health Network	1267	5.6	4.2 - 6.9
19	Boston Alliance For Community Health	5368	6.8	5.9 - 7.7
20	Blue Hills Community Health Alliance	1639	7.9	6.5 - 9.4
22	Greater Brockton CHN	814	6.7	4.8 - 8.7
23	South Shore CHN	799	7.9	5.9 - 9.8
24	Greater Attleboro-Taunton CHN	971	8.9	6.8 - 11.0
25	Partners For Healthier Communities	3641	9.9	8.7 - 11.0
26	Greater New Bedford CHN	4279	8.6	7.4 - 9.8
27	Cape Cod And Islands Health Network	1628	9.5	7.9 - 11.1

All respondents ages 35 and older were asked about whether a doctor, nurse, or other health professional had ever told them that they had had a myocardial infarction (“MI,” also called a “heart attack”), angina, or a stroke. Presented here are the percentages of adults 35 and older who reported being told that they had experienced a heart attack, angina, or a stroke.

SECTION 5: CANCER SCREENING

Percentage of Adults Age 50+ Who Reported Having Had a Colonoscopy or Sigmoidoscopy in the Past Five Years by CHNA, 2007-2009

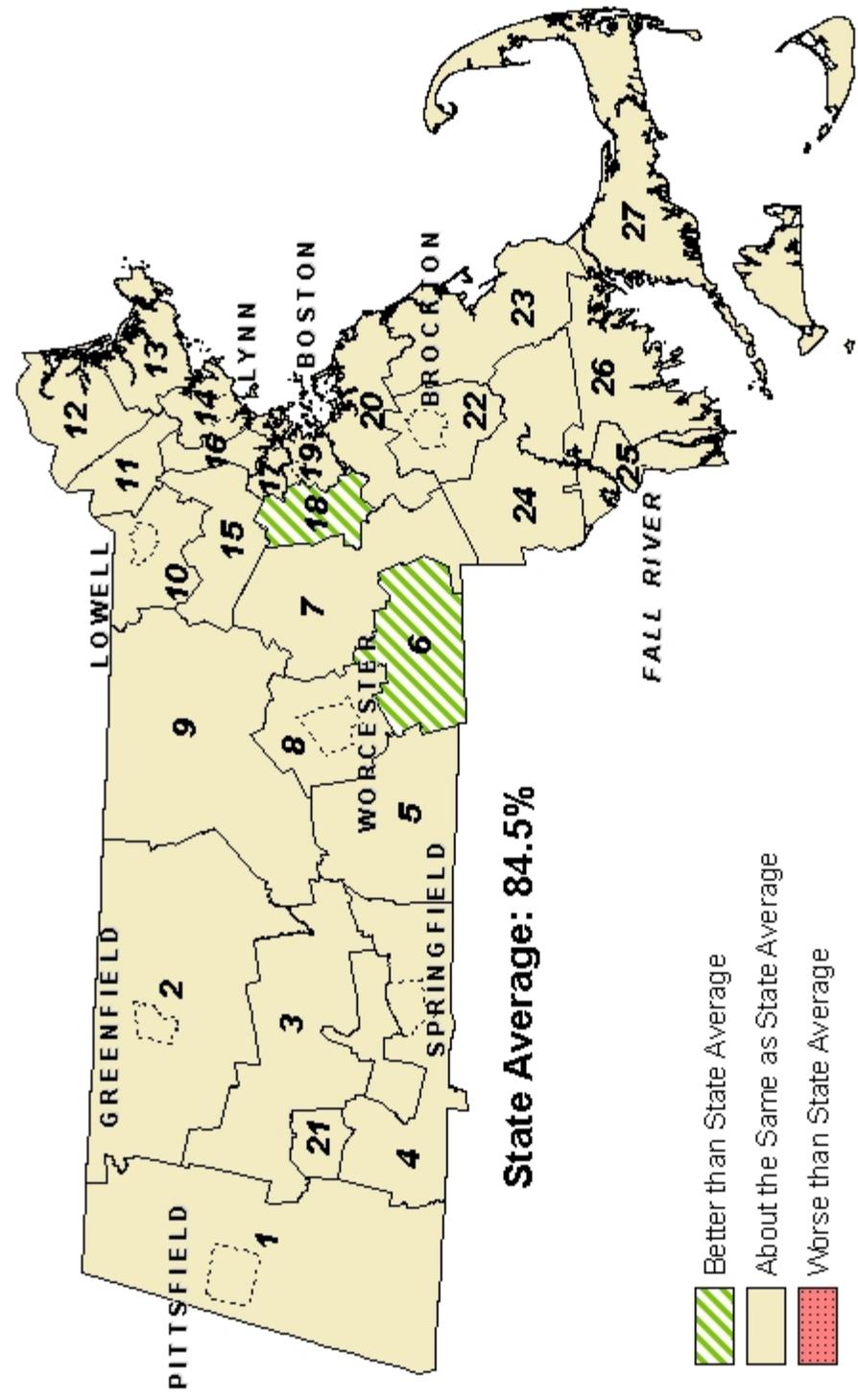


**PERCENTAGE OF ADULTS AGE 50+ WHO REPORTED HAVING HAD A COLONOSCOPY OR SIGMOIDOSCOPY IN THE PAST 5 YEARS
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	17,944	63.5	62.5 - 64.6
1	CHN Of Berkshire	375	65.3	59.8 - 70.7
2	Upper Valley Health Web	248	60.2	53.3 - 67.0
3	Partnership For Health In Hampshire County	286	59.3	52.7 - 65.8
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	221	63.3	56.1 - 70.5
4	Community Health Connection	1488	59.3	55.5 - 63.1
5	South County Connects	239	63.5	56.5 - 70.5
6	Community Partners For Health	232	63.4	56.3 - 70.5
8	Common Pathways	1391	64.2	60.4 - 68.0
9	CHN of North Central Massachusetts	411	59.7	54.3 - 65.2
10	Greater Lowell CHN	1364	57.6	52.3 - 62.9
11	Greater Lawrence CHN	1503	61.8	57.2 - 66.4
12	Greater Haverhill CHN	254	56.0	48.7 - 63.2
13	NSCHN (Beverly/Gloucester Area)	240	70.0	63.6 - 76.5
14	NSCHN (Salem/Lynn Area)	383	68.8	63.4 - 74.3
16	North Suburban Health Alliance	310	67.2	61.2 - 73.2
7	Community Health Coalition of Metrowest	674	63.0	58.6 - 67.3
15	Northwest Suburban Health Alliance	404	67.4	62.1 - 72.7
17	Greater Cambridge/Somerville CHN	334	62.0	55.7 - 68.4
18	West Suburban Health Network	502	72.1	67.6 - 76.6
19	Boston Alliance For Community Health	1859	66.9	64.0 - 69.7
20	Blue Hills Community Health Alliance	635	64.7	60.3 - 69.2
22	Greater Brockton CHN	295	61.4	54.5 - 68.2
23	South Shore CHN	283	62.0	55.5 - 68.5
24	Greater Attleboro-Taunton CHN	302	69.2	63.3 - 75.2
25	Partners For Healthier Communities	1381	54.0	50.1 - 57.8
26	Greater New Bedford CHN	1630	57.7	53.6 - 61.8
27	Cape Cod And Islands Health Network	682	63.6	59.5 - 67.8

Respondents ages 50 and older were asked if they ever had a sigmoidoscopy or colonoscopy. Presented here is the percentage of those respondents who reported that they had had a sigmoidoscopy or colonoscopy in the past five years.

Percentage of Women Age 40+ Who Reported Having Had a Mammogram in the Past Two Years by CHNA, 2007-2009



Source of Data: Massachusetts Behavioral Risk Factor Surveillance System, 2007-2009

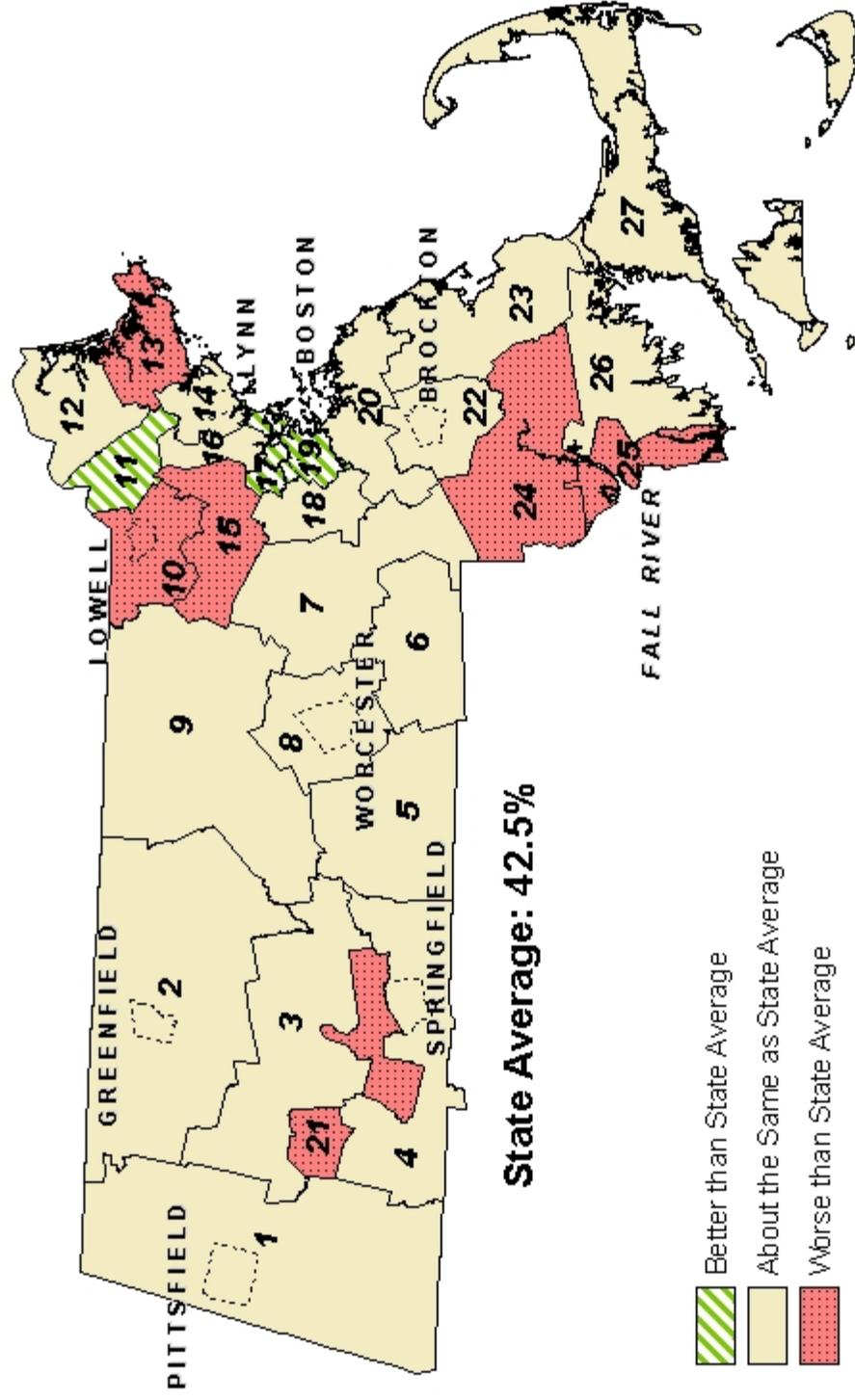
**PERCENTAGE OF WOMEN AGES 40+ WHO REPORTED HAVING HAD A
MAMMOGRAM IN THE PAST TWO YEARS
BY CHNA, 2007-2009**

CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	12,822	84.5	83.6 - 85.5
1	CHN Of Berkshire	263	85.4	80.5 - 90.2
2	Upper Valley Health Web	155	81.2	73.8 - 88.6
3	Partnership For Health In Hampshire County	188	80.9	74.1 - 87.7
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	164	82.1	75.5 - 88.7
4	Community Health Connection	1093	83.0	79.6 - 86.5
5	South County Connects	166	80.5	73.1 - 88.0
6	Community Partners For Health	144	91.6	87.1 - 96.2
8	Common Pathways	980	85.8	82.6 - 89.0
9	CHN of North Central Massachusetts	286	82.0	76.7 - 87.3
10	Greater Lowell CHN	1015	84.8	81.1 - 88.5
11	Greater Lawrence CHN	1123	86.8	82.8 - 90.9
12	Greater Haverhill CHN	178	80.5	73.2 - 87.9
13	NSCHN (Beverly/Gloucester Area)	167	87.3	81.7 - 92.9
14	NSCHN (Salem/Lynn Area)	277	80.4	74.7 - 86.1
16	North Suburban Health Alliance	240	86.0	81.1 - 91.0
7	Community Health Coalition of Metrowest	514	84.1	80.4 - 87.8
15	Northwest Suburban Health Alliance	280	89.0	83.9 - 94.1
17	Greater Cambridge/Somerville CHN	251	84.4	78.3 - 90.5
18	West Suburban Health Network	323	90.6	87.1 - 94.0
19	Boston Alliance For Community Health	1346	82.3	79.3 - 85.4
20	Blue Hills Community Health Alliance	448	83.2	79.2 - 87.2
22	Greater Brockton CHN	224	83.0	77.5 - 88.6
23	South Shore CHN	197	86.3	81.0 - 91.6
24	Greater Attleboro-Taunton CHN	240	84.9	79.6 - 90.1
25	Partners For Healthier Communities	1012	85.0	82.4 - 87.7
26	Greater New Bedford CHN	1117	88.1	85.5 - 90.6
27	Cape Cod And Islands Health Network	420	85.8	82.1 - 89.5

All female respondents were asked about breast cancer screening. Those women who reported that they ever had had a mammogram were asked how long it had been since their last mammogram. One Healthy People 2010 objective is to have 70% of women age 40 and older reporting that they have had a mammogram in the past two years; the percentage of women age 40 and older in Massachusetts who reported that they had had a mammogram in the past two years is presented in this report.

SECTION 6: OTHER TOPICS

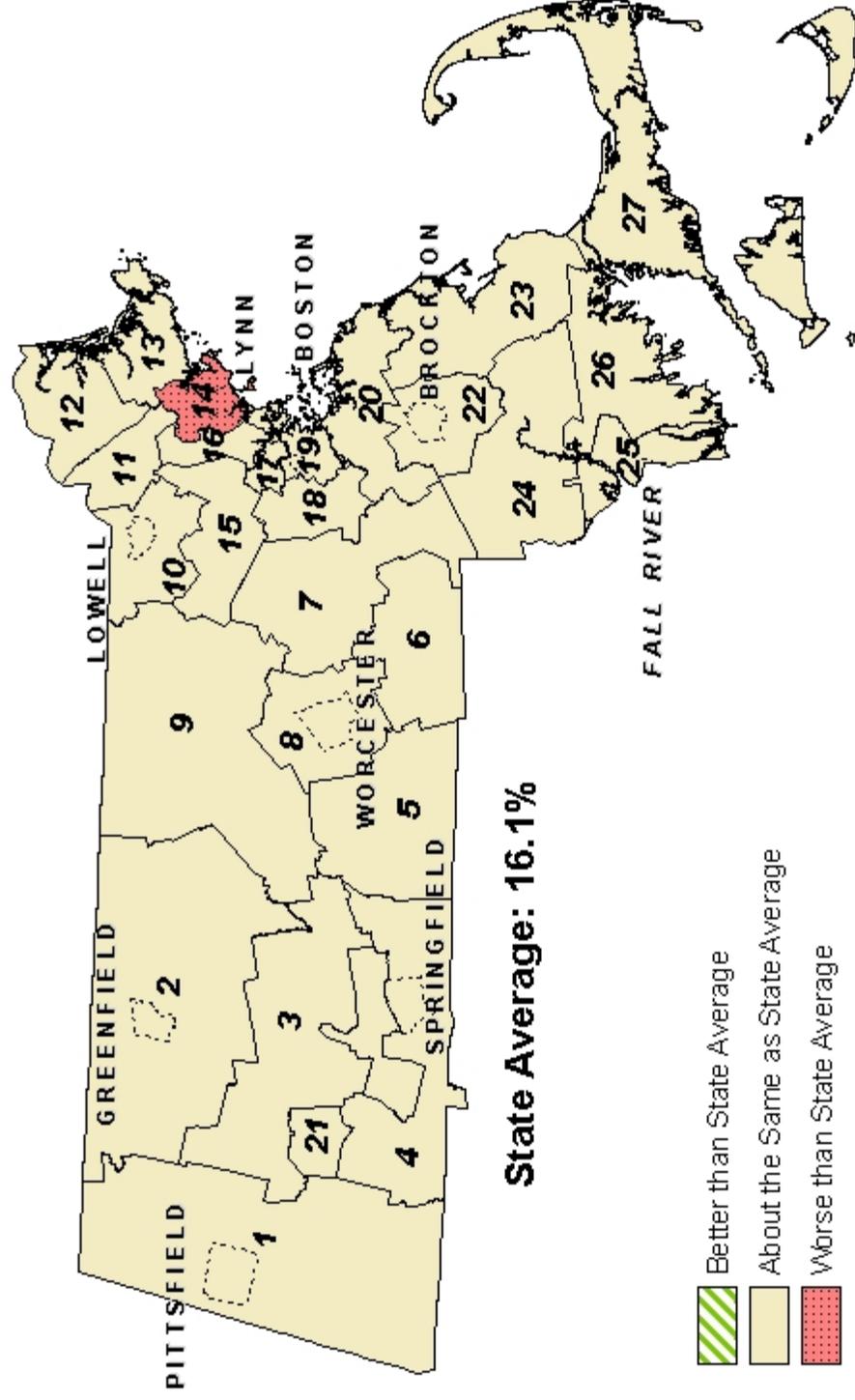
Percentage of Adults Age 18-64 Who Reported Having Ever Been Tested for HIV by CHNA, 2007-2009



PERCENTAGE OF ADULTS AGES 18-64 WHO REPORTED HAVING EVER BEEN TESTED FOR HIV BY CHNA, 2007-2009				
CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	37,693	42.5	41.7 - 43.3
1	CHN Of Berkshire	640	39.6	34.3 - 44.9
2	Upper Valley Health Web	466	40.7	34.6 - 46.7
3	Partnership For Health In Hampshire County	623	41.5	36.2 - 46.8
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	499	33.0	27.5 - 38.5
4	Community Health Connection	3069	43.9	41.1 - 46.8
5	South County Connects	514	42.7	36.5 - 48.9
6	Community Partners For Health	577	40.8	35.4 - 46.3
8	Common Pathways	3026	42.6	39.5 - 45.8
9	CHN of North Central Massachusetts	927	43.8	39.5 - 48.0
10	Greater Lowell CHN	3222	37.3	34.0 - 40.5
11	Greater Lawrence CHN	3542	47.5	44.7 - 50.4
12	Greater Haverhill CHN	476	43.2	37.0 - 49.5
13	NSCHN (Beverly/Gloucester Area)	425	33.3	27.7 - 38.9
14	NSCHN (Salem/Lynn Area)	776	44.2	39.4 - 48.9
16	North Suburban Health Alliance	708	44.2	39.3 - 49.0
7	Community Health Coalition of Metrowest	1356	38.6	35.2 - 42.1
15	Northwest Suburban Health Alliance	762	34.5	30.0 - 39.1
17	Greater Cambridge/Somerville CHN	781	50.1	45.5 - 54.7
18	West Suburban Health Network	841	43.7	39.4 - 48.1
19	Boston Alliance For Community Health	4453	53.0	50.7 - 55.3
20	Blue Hills Community Health Alliance	1111	42.5	38.6 - 46.4
22	Greater Brockton CHN	650	46.7	41.4 - 52.0
23	South Shore CHN	571	38.2	32.9 - 43.5
24	Greater Attleboro-Taunton CHN	799	35.7	31.1 - 40.4
25	Partners For Healthier Communities	2669	37.3	34.5 - 40.0
26	Greater New Bedford CHN	3204	40.8	37.8 - 43.7
27	Cape Cod And Islands Health Network	949	43.7	39.2 - 48.2

All respondents ages 18-64 were asked if they had ever been tested for HIV. Respondents were told not to include times that HIV testing had been done as part of a blood donation. Presented here are the percentage of respondents who report ever having been tested for HIV.

Percentage of Adults Age 65+ Who Reported an Unintentional Fall in the Past Three Months by CHNA, 2007-2009



PERCENTAGE OF ADULTS AGES 65+ WHO REPORTED AN UNINTENTIONAL FALL IN THE PAST THREE MONTHS BY CHNA, 2007-2009				
CHNA #	CHNA NAME	N	%	95% CI
	STATEWIDE	6,768	16.1	14.9 - 17.4
1	CHN Of Berkshire	137	20.6	12.1 - 29.1
2	Upper Valley Health Web	88	18.0	8.8 - 27.2
3	Partnership For Health In Hampshire County	100	18.7	9.3 - 28.0
21	CHN of Chicopee, Holyoke, Ludlow, Westfield	87	21.1	10.3 - 31.8
4	Community Health Connection	570	12.9	8.8 - 16.9
5	South County Connects	82	12.9	4.8 - 21.1
6	Community Partners For Health	71	9.6	2.2 - 17.0
8	Common Pathways	540	16.0	11.9 - 20.2
9	CHN of North Central Massachusetts	151	19.8	13.1 - 26.5
10	Greater Lowell CHN	527	18.7	11.1 - 26.4
11	Greater Lawrence CHN	525	19.2	11.7 - 26.7
12	Greater Haverhill CHN	99	14.1	6.7 - 21.5
13	NSCHN (Beverly/Gloucester Area)	100	20.8	11.2 - 30.4
14	NSCHN (Salem/Lynn Area)	144	8.9	3.6 - 14.2
16	North Suburban Health Alliance	127	10.9	4.3 - 17.6
7	Community Health Coalition of Metrowest	228	20.2	14.0 - 26.4
15	Northwest Suburban Health Alliance	151	19.3	12.4 - 26.2
17	Greater Cambridge/Somerville CHN	130	13.5	7.4 - 19.6
18	West Suburban Health Network	205	14.1	8.6 - 19.6
19	Boston Alliance For Community Health	670	14.5	10.9 - 18.2
20	Blue Hills Community Health Alliance	246	14.1	9.3 - 18.9
22	Greater Brockton CHN	110	9.9	4.1 - 15.8
23	South Shore CHN	95	16.7	6.5 - 26.9
24	Greater Attleboro-Taunton CHN	99	23.6	13.3 - 34.0
25	Partners For Healthier Communities	576	15.5	11.2 - 19.7
26	Greater New Bedford CHN	612	18.1	12.1 - 24.0
27	Cape Cod And Islands Health Network	290	16.7	11.9 - 21.5

Respondents ages 45 and older were asked if they had fallen in the past 3 months. A fall was defined as unintentionally coming to rest on the ground or another lower level. Presented here is the percentage of adults ages 65 and older who reported falling in the past 3 months.

LIMITATIONS

There are some limitations that should be considered when interpreting results from the BRFSS, based on the nature of the survey data:

- The health characteristics estimated from the BRFSS pertain to the adult population, aged 18 years and older, who live in households. Persons with the most severe limitations and with certain disabilities are not represented in this sample since individuals living in institutions are not included in the BRFSS. BRFSS methodology also precludes anyone from assisting respondents in completing the interview if the selected adult had difficulty in participating for any reason, such as an intellectual or developmental disability.
- Respondents are identified through telephone-based methods. Telephone penetration in the United States is estimated at 95.0%; in Massachusetts, telephone penetration is estimated at 96.1%, meaning that only 3.9% of households do not have any telephone service [4].
- Telephone coverage varies across population subgroups: minorities and those in lower socioeconomic groups typically have lower telephone coverage. No direct method of compensating for non-telephone coverage is employed by the BRFSS; however, post-stratification weights are used, which may partially correct for any bias caused by non-telephone coverage. Post –stratification is designed to make the total number of cases equal to some desired number which, for MA BRFSS data, is the number of people in the state who are aged 18 years and older. In the BRFSS, such post-stratification serves as a blanket adjustment for non coverage and non response and forces the total number of cases to equal population estimates.
- As noted above, these data are not adjusted for age or other socio-demographic population differences. Therefore, some of the differences in reported health status are due to differences in the socio-demographic structure of the population.
- The data in this report are weighted to the state population as a whole. Therefore, differences in population composition across the state may influence the rates of health indicators reported in these areas, especially for those indicators with low prevalence such as health insurance and diabetes.
- All data collected by the BRFSS are based on self-report from the respondents. By its nature, self-reported data may be subject to error for several reasons. An individual may have difficulty remembering events that occurred a long time ago or the frequency of certain behaviors. Some respondents may over report socially desirable behaviors, while underreporting behaviors they perceive to be less acceptable. Finally, because the BRFSS surveys a randomly selected sample of Massachusetts adults, these results may differ from another random sample to some extent simply due to chance.

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4. Belinfante, A. (February 2010). Telephone subscribership in the United States: Data through November 2009. Federal Communications Commission. Retrieved on April 8, 2010 from http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-296121A1.pdf

APPENDIX

ALPHABETICAL LIST OF TOWNS BY CHNA NUMBER

TOWN NAME	CHNA NUMBER	TOWN NAME	CHNA NUMBER	TOWN NAME	CHNA NUMBER
ABINGTON	22	BRIDGEWATER	22	EAST	
ACTON	15	BRIMFIELD	5	BRIDGEWATER	22
ACUSHNET	26	BROCKTON	22	EAST BROOKFIELD	5
ADAMS	1	BROOKFIELD	5	EAST	
AGAWAM	4	BROOKLINE	19	LONGMEADOW	4
ALFORD	1	BUCKLAND	2	EASTHAM	27
AMESBURY	12	BURLINGTON	15	EASTHAMPTON	3
AMHERST	3	CAMBRIDGE	17	EASTON	22
ANDOVER	11	CANTON	20	EDGARTOWN	27
ARLINGTON	17	CARLISLE	15	EGREMONT	1
ASHBURNHAM	9	CARVER	23	ERVING	2
ASHBY	9	CHARLEMONT	2	ESSEX	13
ASHFIELD	2	CHARLTON	5	EVERETT	16
ASHLAND	7	CHATHAM	27	FAIRHAVEN	26
ATHOL	2	CHELMSFORD	10	FALL RIVER	25
ATTLEBORO	24	CHELSEA	19	FALMOUTH	27
AUBURN	8	CHESHIRE	1	FITCHBURG	9
AVON	22	CHESTER	21	FLORIDA	1
AYER	9	CHESTERFIELD	3	FOXBOROUGH	7
BARNSTABLE	27	CHICOPEE	21	FRAMINGHAM	7
BARRE	9	CHILMARK	27	FRANKLIN	6
BECKET	1	CLARKSBURG	1	FREETOWN	26
BEDFORD	15	CLINTON	9	GARDNER	9
BELCHERTOWN	3	COHASSET	20	GAY HEAD	27
BELLINGHAM	6	COLRAIN	2	GEORGETOWN	12
BELMONT	17	CONCORD	15	GILL	2
BERKLEY	24	CONWAY	2	GLOUCESTER	13
BERLIN	9	CUMMINGTON	3	GOSHEN	3
BERNARDSTON	2	DALTON	1	GOSNOLD	27
BEVERLY	13	DANVERS	14	GRAFTON	8
BILLERICA	10	DARTMOUTH	26	GRANBY	3
BLACKSTONE	6	DEDHAM	18	GRANVILLE	4
BLANDFORD	4	DEERFIELD	2	GREAT	
BOLTON	9	DENNIS	27	BARRINGTON	1
BOSTON	19	DIGHTON	24	GREENFIELD	2
BOURNE	27	DOUGLAS	6	GROTON	9
BOXBOROUGH	15	DOVER	18	GROVELAND	12
BOXFORD	12	DRACUT	10	HADLEY	3
BOYLSTON	8	DUDLEY	5	HALIFAX	23
BRAINTREE	20	DUNSTABLE	10	HAMILTON	13
BREWSTER	27	DUXBURY	23	HAMPDEN	4
				HANCOCK	1

TOWN NAME	CHNA NUMBER	TOWN NAME	CHNA NUMBER	TOWN NAME	CHNA NUMBER
HANOVER	23	MARSHFIELD	23	NORTHBRIDGE	6
HANSON	23	MASHPEE	27	NORTHFIELD	2
HARDWICK	9	MATTAPOISETT	26	NORTON	24
HARVARD	9	MAYNARD	7	NORWELL	20
HARWICH	27	MEDFIELD	7	NORWOOD	20
HATFIELD	3	MEDFORD	16	OAK BLUFFS	27
HAVERHILL	12	MEDWAY	6	OAKHAM	9
HAWLEY	2	MELROSE	16	ORANGE	2
HEATH	2	MENDON	6	ORLEANS	27
HINGHAM	20	MERRIMAC	12	OTIS	1
HINSDALE	1	METHUEN	11	OXFORD	5
HOLBROOK	22	MIDDLEBOROUGH	24	PALMER	4
HOLDEN	8	MIDDLEFIELD	3	PAXTON	8
HOLLAND	5	MIDDLETON	11	PEABODY	14
HOLLISTON	7	MILFORD	6	PELHAM	3
HOLYOKE	21	MILLBURY	8	PEMBROKE	23
HOPEDALE	6	MILLIS	7	PEPPERELL	9
HOPKINTON	7	MILLVILLE	6	PERU	1
HUBBARDSTON	9	MILTON	20	PETERSHAM	2
HUDSON	7	MONROE	2	PHILLIPSTON	2
HULL	20	MONSON	4	PITTSFIELD	1
HUNTINGTON	21	MONTAGUE	2	PLAINFIELD	3
IPSWICH	13	MONTEREY	1	PLAINVILLE	7
KINGSTON	23	MONTGOMERY	4	PLYMOUTH	23
LAKEVILLE	24	MOUNT		PLYMPTON	23
LANCASTER	9	WASHINGTON	1	PRINCETON	9
LANESBOROUGH	1	NAHANT	14	PROVINCETOWN	27
LAWRENCE	11	NANTUCKET	27	QUINCY	20
LEE	1	NATICK	7	RANDOLPH	20
LEICESTER	8	NEEDHAM	18	RAYNHAM	24
LENOX	1	NEW ASHFORD	1	READING	16
LEOMINSTER	9	NEW BEDFORD	26	REHOBOTH	24
LEVERETT	2	NEW BRAINTREE	9	REVERE	19
LEXINGTON	15	NEW		RICHMOND	1
LEYDEN	2	MARLBOROUGH	1	ROCHESTER	26
LINCOLN	15	NEW SALEM	2	ROCKLAND	23
LITTLETON	15	NEWBURY	12	ROCKPORT	13
LONGMEADOW	4	NEWBURYPORT	12	ROWE	2
LOWELL	10	NEWTON	18	ROWLEY	12
LUDLOW	21	NORFOLK	7	ROYALSTON	2
LUNENBURG	9	NORTH ADAMS	1	RUSSELL	4
LYNN	14	NORTH ANDOVER	11	RUTLAND	9
LYNNFIELD	14	NORTH		SALEM	14
MALDEN	16	ATTLEBORO	24	SALISBURY	12
MANCHESTER	13	NORTH		SANDISFIELD	1
MANSFIELD	24	BROOKFIELD	5	SANDWICH	27
MARBLEHEAD	14	NORTH READING	16	SAUGUS	14
MARION	26	NORTHAMPTON	3	SAVOY	1
MARLBOROUGH	7	NORTHBOROUGH	7	SCITUATE	20

TOWN NAME	CHNA NUMBER
SEEKONK	24
SHARON	20
SHEFFIELD	1
SHELBURNE	2
SHERBORN	7
SHIRLEY	9
SHREWSBURY	8
SHUTESBURY	2
SOMERSET	25
SOMERVILLE	17
SOUTH HADLEY	3
SOUTHAMPTON	3
SOUTHBOROUGH	7
SOUTHBRIDGE	5
SOUTHWICK	4
SPENCER	5
SPRINGFIELD	4
STERLING	9
STOCKBRIDGE	1
STONEHAM	16
STOUGHTON	22
STOW	7
STURBRIDGE	5
SUDBURY	7
SUNDERLAND	2
SUTTON	6
SWAMPSCOTT	14
SWANSEA	25
TAUNTON	24
TEMPLETON	9
TEWKSBURY	10
TISBURY	27
TOLLAND	4
TOPSFIELD	13
TOWNSEND	9
TRURO	27
TYNGSBOROUGH	10
TYRINGHAM	1
UPTON	6
UXBRIDGE	6
WAKEFIELD	16
WALES	5
WALPOLE	7
WALTHAM	18
WARE	3
WAREHAM	26
WARREN	5
WARWICK	2
WASHINGTON	1

TOWN NAME	CHNA NUMBER
WATERTOWN	17
WAYLAND	7
WEBSTER	5
WELLESLEY	18
WELLFLEET	27
WENDELL	2
WENHAM	13
WEST BOYLSTON	8
WEST BRIDGEWATER	22
WEST BROOKFIELD	5
WEST NEWBURY	12
WEST SPRINGFIELD	4
WEST STOCKBRIDGE	1
WEST TISBURY	27
WESTBOROUGH	7
WESTFIELD	21
WESTFORD	10
WESTHAMPTON	3
WESTMINSTER	9
WESTON	18
WESTPORT	25
WESTWOOD	18
WEYMOUTH	20
WHATELY	2
WHITMAN	22
WILBRAHAM	4
WILLIAMSBURG	3
WILLIAMSTOWN	1
WILMINGTON	15
WINCHENDON	9
WINCHESTER	15
WINDSOR	1
WINTHROP	19
WOBURN	15
WORCESTER	8
WORTHINGTON	3
WRENTHAM	7
YARMOUTH	27

LIST OF CHNAs AND TOWNS SERVED

CHNA NUMBER	CHNA NAME	TOWNS SERVED
1	CHN OF BERKSHIRE COUNTY	Adams, Alford, Becket, Cheshire, Clarksburg, Dalton, Egremont, Florida, Great Barrington, Hancock, Hinsdale, Lanesborough, Lee, Lenox, Monterey, Mount Washington, New Ashford, New Marlborough, North Adams, Otis, Peru, Pittsfield, Richmond, Sandisfield, Savoy, Sheffield, Stockbridge, Tyringham, Washington, West Stockbridge, Williamstown and Windsor
2	UPPER VALLEY HEALTH WEB	Ashfield, Athol, Bernardston, Buckland, Charlemont, Colrain, Conway, Deerfield, Erving, Gill, Greenfield, Hawley, Heath, Leverett, Leyden, Monroe, Montague, New Salem, Northfield, Orange, Petersham, Phillipston, Rowe, Royalston, Shelburne, Shutesbury, Sunderland, Warwick, Wendell and Whately
3	PARTNERSHIP FOR HEALTH IN HAMPSHIRE COUNTY	Amherst, Belchertown, Chesterfield, Cummington, Easthampton, Goshen, Granby, Hadley, Hatfield, Middlefield, Northampton, Pelham, Plainfield, South Hadley, Southampton, Ware, Westhampton, Williamsburg and Worthington
21	CHN OF CHICOPEE, HOLYOKE, LUDLOW, WESTFIELD	Chester, Chicopee, Holyoke, Huntington, Ludlow and Westfield
4	COMMUNITY HEALTH CONNECTION	Agawam, Blandford, East Longmeadow, Granville, Hampden, Longmeadow, Monson, Montgomery, Palmer, Russell, Southwick, Springfield, Tolland, West Springfield and Wilbraham
5	SOUTH COUNTY CONNECTS	Brimfield, Brookfield, Charlton, Dudley, East Brookfield, Holland, North Brookfield, Oxford, Southbridge, Spencer, Sturbridge, Wales, Warren, Webster and West Brookfield
6	COMMUNITY PARTNERS FOR HEALTH	Bellingham , Blackstone, Douglas, Franklin, Hopedale, Medway, Mendon, Milford, Millville, Northbridge, Sutton, Upton and Uxbridge
8	COMMON PATHWAYS	Auburn , Boylston, Grafton, Holden, Leicester, Millbury, Paxton, Shrewsbury, West Boylston and Worcester
9	CHN OF NORTH CENTRAL MASSACHUSETTS	Ashburnham, Ashby, Ayer, Barre, Berlin, Bolton, Clinton, Fitchburg, Gardner, Groton, Hardwick, Harvard, Hubbardston, Lancaster, Leominster, Lunenburg, New Braintree, Oakham, Pepperell, Princeton, Rutland, Shirley, Sterling, Templeton, Townsend, Westminster and Winchendon
10	GREATER LOWELL CHN	Billerica , Chelmsford, Dracut, Dunstable, Lowell, Tewksbury, Tyngsborough and Westford
11	GREATER LAWRENCE CHN	Andover, Lawrence, Methuen, Middleton and North Andover

CHNA NUMBER	CHNA NAME	TOWNS SERVED
12	GREATER HAVERHILL CHN	Amesbury, Boxford, Georgetown, Groveland, Haverhill, Merrimac, Newbury, Newburyport, Rowley, Salisbury and West Newbury
13	THE NORTH SHORE CHN (BEVERLY/GLOUCESTER AREA)	Beverly , Essex, Gloucester, Hamilton, Ipswich, Manchester, Rockport, Topsfield and Wenham and Swampscott
14	THE NORTH SHORE CHN (SALEM/LYNN AREA)	Danvers, Lynn, Lynnfield, Marblehead, Nahant, Peabody, Salem, Saugus and Swampscott
16	NORTH SUBURBAN HEALTH ALLIANCE	Everett , Malden, Medford, Melrose, North Reading, Reading, Stoneham and Wakefield
7	COMMUNITY HEALTH COALITION OF METROWEST	Ashland, Foxborough, Framingham, Holliston, Hopkinton, Hudson, Marlborough, Maynard, Medfield, Millis, Natick, Norfolk, Northborough, Plainville, Sherborn, Southborough, Stow, Sudbury, Walpole, Wayland, Westborough and Wrentham
15	NORTHWEST SUBURBAN HEALTH ALLIANCE	Acton , Bedford, Boxborough, Burlington, Carlisle, Concord, Lexington, Lincoln, Littleton, Wilmington, Winchester and Woburn
17	GREATER CAMBRIDGE/SOMERVILLE CHN	Arlington , Belmont, Cambridge, Somerville and Watertown
18	WEST SUBURBAN HEALTH NETWORK	Brookline , Dedham, Dover, Needham, Newton, Waltham, Wellesley, Weston and Westwood
19	BOSTON ALLIANCE FOR COMMUNITY HEALTH	Chelsea , Greater Boston, Revere, Winthrop
20	BLUE HILLS COMMUNITY HEALTH ALLIANCE	Braintree, Canton, Cohasset, Hingham, Hull, Milton, Norwell, Norwood, Quincy, Randolph, Scituate, Sharon and Weymouth
22	GREATER BROCKTON CHN	Abington, Avon, Bridgewater, Brockton, East Bridgewater, Easton, Holbrook, Stoughton, West Bridgewater and Whitman
23	SOUTH SHORE CHN	Carver, Duxbury, Halifax, Hanover, Hanson, Kingston, Marshfield, Pembroke, Plymouth, Plympton and Rockland
24	GREATER ATTLEBORO-TAUNTON CHN	Attleboro , Berkley, Dighton, Lakeville, Mansfield, Middleborough, North Attleboro, Norton, Raynham, Rehoboth, Seekonk and Taunton
25	PARTNERS FOR HEALTHIER COMMUNITIES	Fall River , Somerset, Swansea and Westport
26	GREATER NEW BEDFORD CHN	Acushnet, Dartmouth, Fairhaven, Freetown, Marion, Mattapoisett, New Bedford, Rochester and Wareham
27	CAPE COD AND ISLANDS HEALTH NETWORK	Barnstable, Bourne, Brewster, Chatham, Chilmark, Dennis, Eastham, Edgartown, Falmouth, Gay Head, Gosnold, Harwich, Mashpee, Nantucket, Oak Bluffs, Orleans, Provincetown, Sandwich, Tisbury, Truro, Wellfleet, West Tisbury, Yarmouth