

# Influenza Vaccination of Health Care Workers in Massachusetts Non-Acute Care Facilities

2011-2012

BUREAU OF HEALTH CARE SAFETY & QUALITY

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**Commonwealth of Massachusetts**  
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*Governor*



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## Background

The Massachusetts Department of Public Health (MDPH) requires that licensed healthcare facilities, including acute care hospitals, ambulatory surgery centers (ASCs), long term care/rehabilitation hospitals, dialysis centers, clinics, and long term care facilities (LTCFs) report influenza vaccine coverage among employees. Healthcare workers (HCWs) are at high risk for influenza exposure and may be a source of influenza virus transmission in healthcare settings. Annual immunization is the most effective method of preventing influenza and potentially serious complications.

In 2008 MDPH mandated that all licensed healthcare facilities offer personnel free, annual influenza vaccine. Facilities must document and report receipt of vaccine administered within and outside the facility and all declinations of immunization. This report presents data on influenza vaccine coverage of non-acute healthcare facility employees for 2011-2012. Data describing influenza vaccination of health care workers in acute care hospitals were publicly released on May 9, 2012 and can be found at the following link: <http://www.mass.gov/eohhs/provider/licensing/facilities/health-care-facilities/hospitals/healthcare-assoc-infections/healthcare-associated-infections-reports.html>

## Methodology

The Healthcare Associated Infection (HAI) Prevention Program at the MDPH Bureau of Health Care Safety and Quality provided a *Microsoft Excel* spreadsheet to licensed healthcare facilities for the purpose of capturing healthcare employee influenza vaccination data. The required data elements included the total number of employees as of December 31, 2011, the total number of employees receiving seasonal influenza vaccination provided by the healthcare facility or administered outside the healthcare facility between August 1, 2011 and March 31, 2012, and the total number of healthcare employees who signed a declination form. Facilities were required to complete and submit this form by April 15, 2012.

The facility vaccination rate was calculated by dividing the number of facility healthcare employees vaccinated by the total number of facility healthcare employees. The overall mean percentage of healthcare workers vaccinated was calculated by taking the mean of all facility vaccination rates by each facility type.

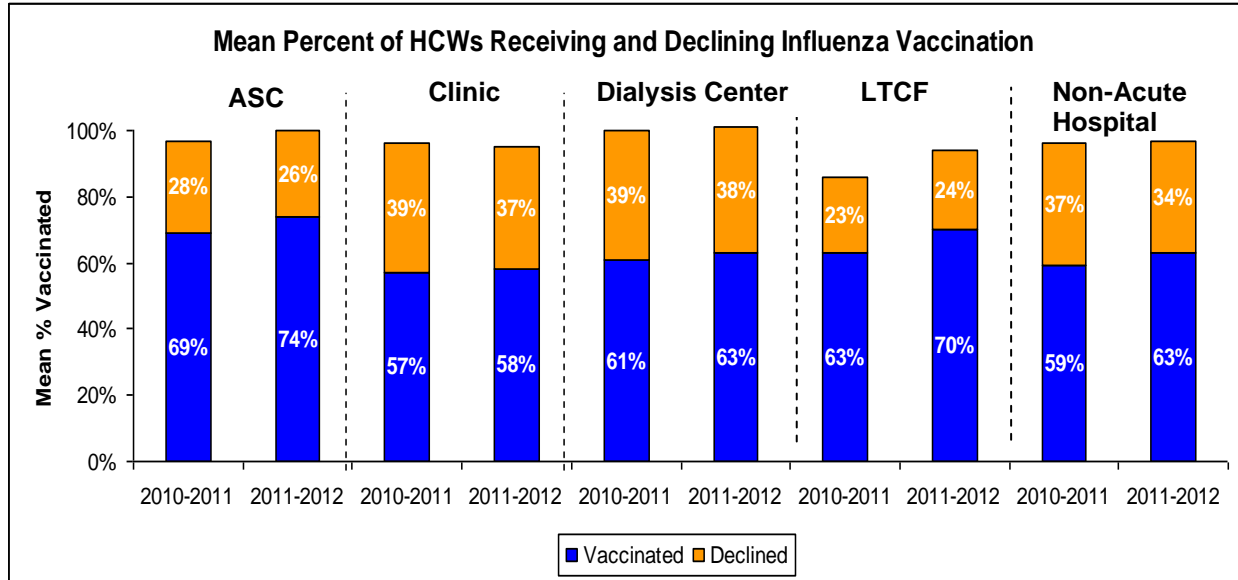
An employee is defined as “individuals, both full-time and part-time, who are on the healthcare facility payroll as of December 31, 2011.” This includes, but is not limited to: physicians, nurses, interns/residents, fellows, physician assistants, physical, occupational, respiratory and speech therapists, laboratory and operating room technicians, central supply staff, pharmacists, maintenance/environmental services staff, dietary staff, attendants/orderlies, secretarial and administrative staff, and contract staff, whether or not an individual provides direct patient care. Due to the fluctuation in staff on payroll over the course of the fall and winter, it is possible for the number of immunizations and declinations documented to exceed 100% of the employees identified as of December 31, 2011.

During the 2010-2011 influenza season, MDPH utilized an identical definition of employee, with December 31, 2010 as the reporting date for the number of employees. Therefore, comparison of these years is possible and appropriate.

Figure 1 depicts trends in influenza vaccination rates in non-acute care facilities in the Commonwealth from the 2010-2011 flu season to 2011-2012. All facility types demonstrated an increase in health care

worker influenza vaccination rates, with long-term care facilities driving the most significant increase, and clinics remaining largely stable.

**FIGURE 1. MEAN PERCENT OF HEALTHCARE WORKERS RECEIVING AND DECLINING INFLUENZA VACCINATION: 2010-2012**



### Ambulatory Surgical Center Findings

**TABLE 1. MEAN PERCENT OF HEALTHCARE WORKERS AT AMBULATORY SURGICAL CENTERS (N=53) VACCINATED AGAINST INFLUENZA DURING 2011-2012**

	Mean %	Range
Total Vaccinated	74%	(0-100%)
Vaccine Declination Rate	26%	(0-100%)
<b>Location Vaccinated</b>		
<i>At Place of Employment</i>	49%	(0-100%)
<i>Outside Place of Employment</i>	25%	(0-100%)
<b>Type of Surgical Center</b>		
<i>General</i>	74%	(57-95%)
<i>Eye</i>	80%	(63-97%)
<i>Endoscopy</i>	71%	(0-100%)

In 2011-2012, on average, 74% of employees at 53 ambulatory surgical centers (85% (n=62) of licensed ASCs reported ) were vaccinated against influenza, and 26% declined vaccination (Table 1). This represented a minor improvement from 2010-2011 where 69% of employees received vaccine and 28%

declined to be vaccinated (Figure 1). Nine Massachusetts ambulatory surgical centers (17%) had a vaccination rate of 90% or greater in 2011-2012.

Forty-nine percent of employees received vaccination at their place of employment, and 25% were vaccinated elsewhere. On average, 80% of employees at ambulatory eye surgery centers were vaccinated against influenza, however only an average of 74% and 70% of employees at general ambulatory surgical centers and endoscopy centers, respectively, were vaccinated.

### *Clinic Findings*

**TABLE 2. MEAN PERCENT OF HEALTHCARE WORKERS AT LICENSED AMBULATORY CARE CLINICS (N=142) VACCINATED AGAINST INFLUENZA DURING 2011-2012**

	Mean %	Range
Total Vaccinated	58%	(0-100%)
Vaccine Declination Rate	37%	(0-100%)
<b>Location Vaccinated</b>		
<i>At Place of Employment</i>	35%	(0-100%)
<i>Outside Place of Employment</i>	24%	(0-100%)

In 2011-2012, 142 clinics submitted HCW influenza vaccination data, representing 49% (n=292) of licensed clinics. On average, 58% of employees were vaccinated against influenza, and 37% declined the vaccine (Table 2). Rates in 2010-2011 were similar, with 57% of employees vaccinated and 39% declining (Figure 1). Fourteen clinics (10%) in 2011-2012 had an overall vaccination rate of 90% or greater.

Most frequently (mean = 35%), vaccination was received at the place of employment, with 24% vaccinated elsewhere. This represented the lowest rate of in-house vaccination among reporting facility types. Clinics had the second highest rate of vaccine declinations among the licensed facility types evaluated.

### *Dialysis Center Findings*

**TABLE 3. MEAN PERCENT OF HEALTHCARE WORKERS AT DIALYSIS CENTERS (N=58) VACCINATED AGAINST INFLUENZA DURING 2011-2012**

	Mean %	Range
Total Vaccinated	63%	(21-100%)
Vaccination Declination Rate	38%	(0-79%)
<b>Location Vaccinated</b>		
<i>At Place of Employment</i>	51%	(0-100%)
<i>Outside Place of Employment</i>	11%	(0-55%)

Of 58 dialysis centers reporting (77% of licensed facilities), an average of 63% of dialysis center employees received influenza vaccine, and 38% declined vaccination in 2011-2012 (Table 3). This does not represent a significant change from 2010-2011 during which 61% of employees were vaccinated and 39% declined (Figure 1). In 2011-2012, six Massachusetts dialysis centers (10%) had an overall

vaccination rate of 90% or greater. On average 51% of employees were vaccinated at their place of employment, and 11% were vaccinated elsewhere.

### *Long Term Care Facility Findings*

**TABLE 4. MEAN PERCENT OF HEALTHCARE WORKERS AT LTCFs (N=363) VACCINATED AGAINST INFLUENZA DURING 2011-2012**

	<b>Mean %</b>	<b>Range</b>
Total Vaccinated	63%	(0-100%)
Vaccine Declination Rate	34%	(0-100%)
<b>Location Vaccinated</b>		
<i>At Place of Employment</i>	47%	(0-100%)
<i>Outside Place of Employment</i>	16%	(0-100%)

On average in 2011-2012, 63% of employees at the reporting 363 LTCFs (84% of licensed facilities; n=431) were vaccinated against influenza and 34% declined to be vaccinated (Table 4). This represents a modest increase from 2010-2011 during which 59% of employees were vaccinated and 37% declined to be vaccinated (Figure 1). In 2011-2012, 21 LTCFs in Massachusetts (6%) had an overall vaccination rate of 90% or greater.

Forty-seven percent of employees received vaccination at their place of employment and 16% were vaccinated elsewhere.

### *Non-Acute Care Hospital Findings*

**TABLE 5. MEAN PERCENT OF HEALTHCARE WORKERS AT NON-ACUTE CARE HOSPITALS (N=45) VACCINATED AGAINST INFLUENZA DURING 2011-2012**

	<b>Mean %</b>	<b>Range</b>
Total Vaccinated	70%	(34-105%)
Vaccination Declination Rate	24%	(0-61%)
<b>Location Vaccinated</b>		
<i>At Hospital of Employment</i>	58%	(24-88%)
<i>Outside Hospital of Employment</i>	12%	(0-36%)

Forty-five facilities (80% of licensees; n=58) provided information on their vaccination rates. Seventy percent of employees, on average, at non-acute care hospital were vaccinated against influenza, and 24% declined vaccination in 2011-2012 (Table 5). This rate represents a seven percent increase in vaccine coverage from 2010-2011 during which 63% of employees were vaccinated. However, no significant change was seen in the declination rate, which was, on average, 24% (Figure 5). Only one non-acute care hospital in Massachusetts in 2011-2012 had vaccine coverage over 90%.

Most vaccinated employees received vaccination from the non-acute care hospital that employed them; on average 58%. Twelve percent were vaccinated at other locations.

## *Summary and Conclusions*

Health care worker (HCW) influenza vaccination rates increased across all types of health care facilities over the last two flu seasons. Acute care hospitals demonstrated the greatest increase in rates, due both to concerted improvement activities in the private sector and targeted public mandates. The 2011-2012 statewide aggregate percentage among all acute care healthcare employees vaccinated for influenza was 84%. (See companion report on acute care facilities for more information.)

The Department of Public Health set clear minimum standards for vaccination in acute care hospitals, both for individual facilities and the Commonwealth as a whole. Similar targets in non-acute care settings may drive improvement activities, however experience from the acute care setting suggests that buy-in of facility leadership is essential to drive change. The Department has recently completed a best practices analysis of influenza vaccination in acute care hospitals and will be focusing its improvement activities and technical support on non-acute care settings. The Department anticipates partnering with key trade associations and provider organizations to ensure coordinated, evidence-based interventions.

*Appendix 1. 2010-2011 and 2011-2012 Vaccination Rates by Facility Type and Name*

**TABLE 6. 2010-2011 AND 2011-2012 HCW INFLUENZA VACCINATION AND DECLINATION AT MASSACHUSETTS AMBULATORY SURGICAL CENTERS**

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Advanced Eye Surgery Center	19	60%	63%	40%	37%
Ambulatory Surgery and Laser Center of Cape Cod	28	36%	75%	61%	25%
Berkshire Cosmetic and Reconstructive Surgery Center	11	75%	82%	25%	18%
Berkshire Endoscopy Center	21	13%	57%	88%	43%
Boston Center for Ambulatory Care	n/a	50%	n/a	50%	n/a
Boston Center for Ambulatory Surgery *	6	n/a	100%	n/a	0%
Boston Endoscopy Center	21	45%	62%	50%	38%
Boston Eye Surgery and Laser Center	30	80%	80%	20%	20%
Boston Eye Surgery and Laser Center West	16	63%	75%	37%	25%
Boston IVF	200	58%	45%	42%	12%
Boston Outpatient Surgical Suites	42	73%	69%	23%	31%
Boston Surgery Center	20	54%	80%	46%	20%
Boston University Surgery and Laser Center	8	50%	63%	50%	38%
Cape & Islands Endoscopy Center	21	100%	67%	0%	33%
Cape Cod Eye Surgery and Laser Center	15	87%	80%	13%	20%
Cape Cod Surgery Center, Inc.	13	100%	85%	0%	15%
Cataract & Laser Center Central	n/a	92%	n/a	15%	n/a
Cataract & Laser Center of the North Shore *	34	78%	97%	22%	3%
Cataract & Laser Center West	43	74%	72%	21%	28%
Cataract and Laser Center Associates, P.C.	40	76%	70%	24%	30%
Cataract and Laser Center Dedham	31	87%	87%	13%	13%
Central MA Ambulatory Endoscopy Center	28	48%	68%	52%	32%
Charles River Endoscopy	16	100%	81%	0%	19%
Commonwealth Endoscopy Center	14	50%	57%	20%	43%
Cosmetic Surgery Center, The	15	67%	67%	33%	33%
DHA Endoscopy LLC	26	69%	77%	31%	23%
East Bay Surgery Center	34	47%	68%	53%	32%
Eastern Massachusetts Surgery Center	29	96%	69%	4%	31%
Four Women Health Services *	16	n/a	94%	n/a	6%
Greater New Bedford Surgicenter	17	47%	35%	53%	65%
Greater Springfield Surgery Center	20	63%	75%	32%	25%
Hawthorn Endoscopy Service	n/a	59%	n/a	41%	n/a
Hyde Park Pain Management	10	38%	30%	63%	70%
Merrimack Valley Endoscopy Center	31	86%	87%	14%	13%
Middlesex Digestive Health and Endoscopy Center *	12	n/a	92%	n/a	8%
New England Ambulatory SurgiCenter	12	69%	75%	31%	25%
New England Eye Surgical Center	n/a	100%	n/a	0%	n/a
New England Pain Care	10	43%	80%	57%	20%
New England SCOPE	40	68%	65%	32%	20%
New England Surgery Center	17	n/a	65%	n/a	35%
North Shore Cataract and Laser Center *	26	97%	96%	3%	4%
Northeast Ambulatory Center	10	0%	0%	0%	100%
Northeast Endoscopy Center	25	77%	68%	23%	32%
Orthopedic Care Surgery Center	11	n/a	36%	n/a	64%
Orthopedic Surgical Center of the North Shore	44	63%	82%	29%	18%
Peabody Surgery Center *	4	100%	100%	0%	0%
Pioneer Valley Surgicenter	56	89%	86%	11%	14%
Plymouth Laser and Surgical Center *	19	73%	95%	27%	5%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Same Day Surgiclinic	n/a	74%	n/a	26%	n/a
SEE New England	10	100%	80%	0%	10%
Spine Institute of New England, LLC	12	n/a	75%	n/a	25%
The Cataract Surgery Center of Milford	9	71%	89%	29%	11%
The Endoscopy Center of Brookline *	20	100%	95%	0%	5%
The Endoscopy Center of Southeast Mass, LLC	n/a	71%	n/a	29%	n/a
Valley Medical Group Ambulatory Surgery and Procedures Center	19	60%	74%	40%	26%
West Suburban Eye Surgery Center	32	81%	72%	19%	28%
Weymouth Endoscopy, LLC	12	73%	83%	27%	17%
Women's Health Services *	13	50%	100%	50%	n/a
Worcester Surgical Center	39	72%	79%	28%	21%

\* Vaccination rate greater than 90% in 2011-2012

**TABLE 7. 2010-2011 AND 2011-2012 HCW INFLUENZA VACCINATION AND DECLINATION AT MASSACHUSETTS HEALTHCARE CLINICS**

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011- 2012
A Woman's Concern	12	n/a	42%	n/a	58%
Adult Day Treatment *	4	n/a	100%	n/a	0%
Advanced Eye Surgery Center	19	n/a	63%	n/a	37%
Advocates, Inc.	76	n/a	50%	n/a	50%
Albert & Jessie Danielsen Institute	n/a	63%	n/a	37%	n/a
Amesbury Psychological Center, Inc	23	77%	87%	23%	13%
Analgesics Solutions	16	n/a	50%	n/a	50%
Arlington Youth Counseling Center	14	92%	50%	8%	50%
Aurora Breast MRI of Beverly Hospital LLC *	2	44%	100%	56%	0%
Aurora Breast MRI of Central MA, LLC	3	40%	33%	60%	67%
Aurora Imaging Corp	6	n/a	50%	n/a	50%
Bay State Community Services, Inc. *	52	94%	90%	6%	10%
Beacon Physical Therapy	n/a	0%	n/a	100%	n/a
Beverly Dental Clinic	n/a	100%	n/a	0%	n/a
Boston Breast Diagnostic Center, LLC.	5	40%	n/a	60%	60%
Boston Center for Ambulatory Care	n/a	50%	n/a	50%	n/a
Boston Eye Surgery and Laser Center	30	n/a	80%	n/a	20%
Boston Health Care for the Homeless Program	385	70%	57%	30%	7%
Boston Institute for Psychotherapy, Inc.	10	50%	50%	50%	50%
Boston IVF	n/a	58%	n/a	42%	n/a
Boston University Goldman School of Dental Medicine	426	n/a	64%	n/a	36%
Boston University Occupational Health Center	8	n/a	88%	n/a	13%
Boston University Rehab Services	40	63%	43%	38%	58%
Braintree Rehab @ Hyannis	n/a	25%	n/a	75%	n/a
Bridge Over Troubled Waters	n/a	63%	n/a	37%	n/a
Bridgewell Behavioral Health	47	91%	55%	9%	45%
Brien Center, The	165	44%	47%	56%	53%
Brockton Neighborhood Health Center	316	79%	93%	21%	15%
Brookline Center, The	n/a	58%	n/a	42%	n/a
Brooksbys Village Outpatient Rehabilitation Clinic	29	66%	55%	34%	45%
Cambridge Regional MRI Center	n/a	78%	n/a	22%	n/a
Cape Cod Surgery Center, Inc.	13	n/a	85%	n/a	15%
Caring Health Center	148	n/a	49%	n/a	51%
Carson Center for Human Services, Inc., The	310	15%	39%	85%	33%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011- 2012
Cataract & Laser Center of North Shore	n/a	78%	n/a	22%	n/a
Center for Human Development	104	n/a	17%	n/a	25%
Center for Psychological & Family Services, INC.	29	50%	17%	50%	83%
Central Massachusetts Cancer Center	13	n/a	54%	n/a	46%
Central Massachusetts Magnetic Imaging Center, Inc.	54	37%	43%	63%	57%
CHCFC/Desmond Callan Satellite Site	n/a	76%	n/a	24%	n/a
CHCFC/Pioneer High School, Northfield Clinic	n/a	100%	n/a	0%	n/a
Chelmsford MRI P.C. dba Open MRI of Dedham	19	53%	84%	47%	16%
Child & Family Services of New Bedford	399	n/a	5%	n/a	95%
Child Guidance Clinic	706	0%	63%	0%	32%
Children's Friend and Family Services	47	n/a	45%	n/a	51%
Children's Friend, Inc. Ellsworth Center	41	27%	39%	60%	61%
CHP Health Center	n/a	95%	n/a	5%	n/a
City Clinic	n/a	37%	n/a	0%	n/a
Clinical & Support Options	276	n/a	26%	n/a	74%
Commonwealth Endoscopy Center INC	n/a	50%	n/a	20%	n/a
Commonwealth Newburyport Cancer Center	n/a	71%	n/a	29%	n/a
Community & Family Counseling Center	33	29%	73%	71%	27%
Community Counseling Of Bristol County	375	n/a	49%	n/a	51%
Community Health Center of Cape Cod	123	62%	47%	31%	32%
Community Health Center of Franklin County *	105	91%	90%	9%	10%
Community Health Connections, Inc.	231	87%	83%	13%	16%
Community Healthlink	611	n/a	63%	n/a	37%
Community Rehab Care, Inc.	44	62%	52%	38%	48%
Community Services Institute	82	20%	21%	80%	72%
Coolidge Corner Imaging	15	n/a	87%	n/a	13%
Counseling & Assessment Clinic of Worcester, LL	44	35%	39%	65%	61%
Counseling Center of Child Development and Education	n/a	58%	n/a	42%	n/a
Cutchins Programs for Children and Families, Inc. The Children's Clinic	19	62%	42%	38%	58%
Danielsen Institute at Boston University, The	28	n/a	50%	n/a	50%
Dentaquest Oral Health Center	30	n/a	80%	n/a	20%
Dimock Community Health Center *	134	48%	97%	25%	3%
Duffy Health Center	n/a	85%	n/a	15%	n/a
Duxbury Counseling Center	n/a	56%	n/a	44%	n/a
Edward M Kennedy Community Health Center	331	72%	73%	21%	26%
Ellsworth Child and Family Counseling Center	n/a	57%	n/a	43%	n/a
Fallon Clinic	n/a	74%	n/a	26%	n/a
Family and Community Resources, Inc.	37	60%	46%	40%	32%
Family and Community Solutions	n/a	33%	n/a	67%	n/a
Family Center for Counseling and Education	n/a	21%	n/a	79%	n/a
Family Center Inc, The	26	62%	77%	38%	23%
Family Counseling Center, The	n/a	85%	n/a	15%	n/a
Family Health Center of Worcester	309	82%	74%	18%	26%
Family Service of Greater Boston	58	n/a	36%	n/a	62%
Fenway Health *	327	83%	96%	16%	4%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011- 2012
Fitness Forum Physical Therapy - Brockton	19	32%	26%	68%	74%
Fitness Forum Physical Therapy - Raynham (Satellite)	6	n/a	17%	n/a	83%
Forsyth Dental Hygiene Program	147	91%	71%	9%	29%
Geiger Gibson CHC	66	33%	12%	14%	88%
Good Samaritan Radiation Oncology	12	67%	75%	33%	25%
Gordon College Center for Balance, Mobility and Wellness	11	8%	9%	92%	91%
Gosnold, Inc.	370	29%	14%	71%	86%
Greater Lawrence Family Health Center	n/a	92%	n/a	8%	n/a
Greater New Bedford Community Health Center, Inc.	242	75%	74%	25%	26%
Harvard Dental Center	75	66%	71%	34%	29%
Harvard University Health Services	360	n/a	83%	n/a	10%
Health Services for the Homeless Health Center	24	81%	67%	19%	33%
HealthFirst Family Care Center	88	84%	74%	18%	25%
Hillcrest Dental Care, Inc	20	n/a	65%	n/a	35%
Hilltown Community Health Centers INC	88	68%	67%	22%	33%
Holyoke Health Center	311	81%	53%	19%	10%
HRI Clinics, Inc (Arbour Counseling Services)	533	n/a	5%	n/a	1%
Island Health Care	n/a	60%	n/a	40%	n/a
Joseph M Smith Community Health Center	n/a	89%	n/a	11%	n/a
Joseph M. Smith Community Health Center - Allston	113	n/a	75%	n/a	25%
Joseph M. Smith Community Health Center - Waltham	35	n/a	86%	n/a	14%
Joslin Diabetes Clinic	184	78%	86%	22%	14%
Kit Clark Senior Services Mental Health	17	82%	59%	18%	41%
La Alianza Hispana, Inc	n/a	18%	n/a	82%	n/a
Latino Health Institute Inc., d/b/a Latin American Health Institute	78	26%	56%	69%	44%
Lowell Community Health Center	269	74%	77%	26%	23%
LUK Behavioral Health Clinic	n/a	28%	n/a	73%	n/a
Lynn Community Health Center	400	63%	58%	37%	6%
Manet Community Health Center at North Quincy	124	52%	58%	48%	42%
Marino Center for Integrative Health	96	61%	71%	39%	29%
Mattapan Community HC	84	65%	77%	35%	23%
May Behavioral Health	32	n/a	81%	n/a	9%
May Institute Counseling and Hyland Clinic	27	72%	26%		74%
MetroWest MRI	22	64%	64%	36%	36%
Mid Upper Cape Community Health Center	48	62%	88%	18%	13%
Middlesex Digestive Health and Endoscopy Center *	12	n/a	92%	n/a	8%
MinuteClinic	102	91%	89%	9%	11%
Mount Ida College	13	60%	62%	40%	38%
Neponset Health Center	164	49%	74%	15%	12%
New England Clinic of Reproductive Medicine	40	n/a	63%	n/a	38%
New England Rehab @ Southcoast	21	71%	81%	29%	19%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011- 2012
New Life Counseling & Wellness Center, Inc.	n/a	17%	n/a	83%	n/a
Newton Wellesley Hospital Ambulatory Services *	14	100%	100%	0%	0%
No Tooth Left Behind Dental Clinic	9	60%	67%	40%	33%
North Central Human Services	n/a	57%	n/a	43%	n/a
North Charles Mental Health Clinic	41	n/a	61%	n/a	39%
North End Community Health Center	106	84%	87%	17%	12%
North Shore Community Health	n/a	88%	n/a	7%	n/a
North Shore P.E.T. Imaging Center, LLC	6	67%	67%	33%	33%
North Suffolk Mental Health aka East Boston	1004	38%	41%	62%	38%
Northeast Health Services	n/a	58%	n/a	42%	n/a
Northeast Health Services	n/a	56%	n/a	44%	n/a
Northeast Health Services	n/a	42%	n/a	58%	n/a
Northeast Health Services	n/a	38%	n/a	62%	n/a
Northeast Health Services	n/a	38%	n/a	62%	n/a
Northeast Health Services	n/a	33%	n/a	67%	n/a
Northeast Health Services, LLC	51	n/a	41%	n/a	59%
Northeast Health Services, LLC	96	n/a	57%	n/a	43%
Northeast Health Services, LLC	35	n/a	74%	n/a	26%
Northeast Rehab Hospital- Andover	3	29%	33%	71%	67%
Northeast Rehab Hospital- Billerica	4	43%	25%	57%	75%
Northeast Rehab Hospital- Chelmsford	5	57%	60%	43%	40%
Northeast Rehab Hospital- Chestnut Green *	5	71%	100%	29%	0%
Northeast Rehab Hospital- Gloucester	3	0%	0%	100%	100%
Northeast Rehab Hospital- Lawrence I	10	n/a	50%	n/a	50%
Northeast Rehab Hospital- Lawrence II	9	n/a	44%	n/a	56%
Northeast Rehab Hospital- Lowell II	9	n/a	22%	n/a	78%
Northeast Rehab Hospital- PMB	5	33%	60%	67%	40%
Northeast Rehab Hospital- Stoneham	3	33%	33%	67%	67%
Northeast Rehab Hospital- Westford *	3	57%	100%	43%	0%
Northeast Rehab Hospital: North Andover Hand Clinic *	1	50%	100%	50%	0%
Northeast Rehab Hospital: Riverwalk	9	67%	22%	33%	78%
Northeast Rehab Hospital-Andover Sutton Street	12	n/a	33%	n/a	67%
Northeast Rehab Hospital-Cedardale *	11	114%	91%	43%	9%
Northeast Rehab Hospital-Lowell I	13	n/a	23%	n/a	77%
Northeast Rehab Hospital-Newburyport	3	80%	0%	40%	0%
Northeastern University Speech-Language and Hearing Center	15	32%	47%	68%	53%
Outer Cape Health Services	n/a	79%	n/a	21%	n/a
Physiotherapy Associates Harwich	29	45%	52%	55%	48%
Planned Parenthood League of Massachusetts	239	63%	74%	29%	24%
Primary Care Center of Plainville	n/a	62%	n/a	38%	n/a
Priority Professional Care	60	16%	68%	80%	32%
Professional Counseling Center	n/a	76%	n/a	24%	n/a
Psychological Center, The	85	n/a	35%	n/a	65%
Reliant Medical Group	2005	n/a	71%	n/a	30%
River Valley Counseling Center	142	45%	45%	55%	55%
Riverside Community Care	313	n/a	40%	n/a	26%
Riverside Outpatient Center @ Norwood	n/a	40%	n/a	25%	n/a
Roxbury Comprehensive CHC	146	68%	38%	32%	37%
Saint Vincent Home Corporation *	15	n/a	100%	n/a	0%
Schwartz Center for Children	112	34%	42%	66%	58%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
ServiceNet Outpatient Clinic	n/a	71%	n/a	29%	n/a
Seven Hills Behavioral Health	n/a	41%	n/a	40%	n/a
Shield Health Care Group	608	46%	35%	29%	13%
Smoc Behavioral Health- Framingham	64	32%	39%	68%	61%
Smoc Behavioral Health- Marlborough	21	32%	38%	68%	62%
South Bay Mental Health Center, Inc.	680	58%	37%	42%	63%
South Cove Community Health Center	223	84%	83%	15%	17%
South Shore Mental Health	190	59%	59%	20%	39%
Sovner Center	16	53%	31%	47%	69%
Stanley Street Treatment & Resources, Inc	316	52%	55%	48%	45%
Steppingstone, Inc. Outpatient Mental Health Clinic	n/a	11%	n/a	89%	n/a
Steward PET Imaging	15	n/a	80%	n/a	20%
SunDance Rehabilitation Agency of Massachusetts	n/a	28%	n/a	72%	n/a
Taunton Oral Health Center	n/a	42%	n/a	58%	n/a
Toward Independent Living and Learning/STRATTUS	n/a	59%	n/a	41%	n/a
Upham's Corner Health Center	357	78%	67%	22%	17%
West Central Family and Counseling, Ltd.	195	51%	70%	56%	30%
West Suburban Imaging Center	6	82%	83%	18%	17%
Western Massachusetts Magnetic Resonance Services	n/a	100%	n/a	0%	n/a
Weymouth MRI	n/a	46%	n/a	0%	
Whitman Counseling Center	28	58%	57%	42%	43%
Whittier Street Health Center	220	42%	45%	7%	16%
Women's Health Services	n/a	50%	n/a	50%	n/a
Worcester Surgical Center	n/a	72%	n/a	28%	n/a

\* Vaccination rate greater than 90% in 2011-2012

**TABLE 8. 2010-2011 AND 2011-2012 HCW INFLUENZA VACCINATION AND DECLINATION AT MASSACHUSETTS DIALYSIS CENTERS**

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Advanced Directions Renal Care Center	6	n/a	33%	n/a	67%
Amesbury Renal Center	9	82%	89%	18%	11%
ARA Springfield Dialysis	20	27%	35%	73%	65%
ARA-Dialysis Center of Fall River	n/a	61%	n/a	39%	n/a
Artificial Kidney Center of Fall River	n/a	79%	n/a	21%	n/a
Berkshire Medical Center Dialysis	n/a	63%	n/a	35%	n/a
Berkshire Medical Center Renal	52	n/a	73%	n/a	27%
Boston Dialysis Center	17	53%	65%	47%	35%
Boston Dialysis DaVita Boston	46	73%	63%	28%	37%
Brigham and Women's Hospital ESRD	11	62%	64%	38%	36%
Brockton Dialysis Center	16	63%	44%	37%	56%
Brockton Regional Kidney Center	19	26%	21%	74%	79%
Brookline Dialysis	37	56%	73%	44%	27%
Burlington Regional	23	60%	74%	40%	26%
Cape Cod Artificial Kidney Center	25	58%	44%	42%	64%
Chicopee Dialysis Center	14	35%	43%	65%	57%
DaVita Northeast Cambridge Dialysis *	20	61%	90%	39%	10%
DCI Walden Pond	14	40%	43%	60%	57%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
DCI-BallSquare	29	83%	69%	42%	14%
Dialysis Center of Fall River	15	63%	67%	37%	33%
Dialysis Center of Waltham	21	82%	71%	18%	29%
Dialysis Center Of Western Massachusetts	27	76%	30%	24%	70%
Dialysis Clinic Inc. Boston *	40	70%	93%	23%	8%
Dialysis Clinic, Brigham/Faulkner	30	41%	67%	59%	33%
East Springfield Dialysis	18	39%	39%	61%	61%
Fairview Hospital Dialysis Center	n/a	88%	n/a	13%	n/a
FMC Newburyport	11	50%	55%	50%	45%
FMC of Methuen	34	61%	79%	39%	21%
FMC Stoneham Dialysis	14	15%	50%	85%	64%
Fresenius Blackstone Valley Dialysis	20	73%	45%	27%	55%
Fresenius Medical Care - South County Dialysis	21	41%	57%	59%	43%
Fresenius Medical Care Framingham Dialysis	23	82%	61%	18%	39%
Fresenius Medical Care of Marlborough	18	88%	72%	12%	28%
Fresenius Medical Care of Mashpee	19	74%	63%	26%	37%
Fresenius Medical Care of Plymouth	20	91%	65%	9%	30%
Hampshire County Dialysis *	15	100%	93%	0%	7%
Hawthorn Kidney Center	32	18%	50%	82%	50%
Heritage Dialysis Center	16	43%	44%	57%	56%
Mary Eliza Mahoney	n/a	65%	n/a	26%	n/a
Massachusetts General Hospital - Dialysis Unit	27	96%	85%	4%	15%
Medford Dialysis Center	25	44%	76%	56%	24%
Nantucket Cottage Hospital ESRD	n/a	100%	n/a	0%	n/a
New Bedford DaVita	21	44%	52%	38%	48%
North Andover Renal Center	19	41%	58%	59%	42%
North Shore Regional Dialysis Center	25	48%	56%	52%	44%
North Suburban Dialysis *	29	77%	93%	23%	7%
Norwood Dialysis Center	9	77%	67%	46%	33%
Palmer Dialysis Center	13	42%	46%	58%	54%
PDI Worcester	24	64%	88%	32%	13%
Peabody Dialysis	19	58%	42%	42%	58%
Personal Dialysis Inc.	n/a	40%	n/a	60%	n/a
Physician's Dialysis Center	23	65%	83%	15%	17%
Pioneer Valley Dialysis	38	94%	71%	6%	29%
Quality Care Dialysis	17	36%	35%	64%	71%
Quincy Center Dialysis	13	n/a	54%	n/a	46%
Salem Northeast	n/a	71%	n/a	29%	n/a
South Suburban Dialysis	23	52%	70%	48%	30%
Taunton Kidney Center	5	86%	60%	14%	40%
Taunton Regional Dialysis Center	27	39%	59%	61%	41%
The Kidney Center	26	58%	54%	42%	46%
UMass Memorial Medical Center (UMass Memorial Acute Dialysis Unit)	n/a	71%	n/a	29%	n/a
University Dialysis Center	17	44%	65%	56%	35%
Wellington Circle Dialysis Center *	12	59%	100%	41%	0%
Western Mass Kidney Center	43	54%	65%	46%	35%
Westwood Dialysis	21	65%	71%	35%	29%
Weymouth Dialysis	n/a	35%	n/a	35%	n/a

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Woburn Dialysis *	14	71%	93%	29%	7%
Yankee Family Dialysis	17	71%	59%	29%	41%

\* Vaccination rate greater than 90% in 2011-2012

**TABLE 9. 2010-2011 AND 2011-2012 HCW INFLUENZA VACCINATION AND DECLINATION AT MASSACHUSETTS LONG TERM CARE FACILITIES**

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Abbott House	83	58%	70%	42%	30%
Aberjona Nursing Center	225	78%	70%	22%	20%
Academy Manor	201	67%	29%	37%	62%
Adams House _ Home for Aged People	112	n/a	50%	n/a	50%
Alden Court Nursing Care and Rehabilitation Center	245	38%	40%	68%	81%
Alliance Healthcare Center at Braintree	193	91%	87%	9%	13%
Amesbury Village	127	70%	70%	30%	32%
Annemark Nursing & Rehab	157	30%	41%	48%	22%
Apple Valley Center	140	82%	84%	22%	16%
Armenian Nursing and Rehabilitation *	106	92%	108%	8%	4%
Arnold House Nursing Home	31	56%	55%	44%	45%
Autumn Village	210	90%	89%	26%	28%
Aviv Centers for Living (Jewish Center for Rehabilitation)	288	74%	75%	26%	21%
Baker- Katz Skilled Nursing And Rehabilitation Center	82	43%	35%	75%	65%
Baldwinville Nursing Home and Rehabilitation Center	160	100%	85%	15%	15%
Bay Path Nursing Home & Rehabilitation Center	184	69%	55%	31%	35%
BayPointe Rehabilitation & Skilled Care Center *	207	88%	90%	23%	14%
Bear Hill Rehab and Nursing Center	n/a	54%	n/a	46%	n/a
Beaumont Rehabilitation and Skilled Nursing Center @ Northbridge	284	83%	75%	17%	25%
Beaumont Rehabilitation and Skill Nursing Center @ Natick	114	81%	75%	19%	24%
Beaumont Rehabilitation and Skilled Nursing - University Campus Worcester	269	36%	72%	64%	28%
Beaumont Rehabilitation and Skilled Nursing Center (Northborough)	116	81%	79%	16%	21%
Beaumont Rehabilitation and Skilled Nursing Center Westborough *	252	88%	94%	12%	6%
Bedford Village Nursing Home	81	20%	49%	80%	51%
Belmont Manor Nursing Home	175	71%	55%	29%	45%
Benjamin Healthcare Center	207	59%	59%	41%	41%
Berkeley Retirement Home	61	57%	75%	43%	38%
Berkshire Place	59	53%	56%	53%	44%
Berkshire Rehabilitation & Skilled Care Center	67	59%	73%	0%	10%
Bethany Health Care Center	194	68%	80%	27%	27%
Birch Manor Rehabilitation & Skilled Nursing Center	143	62%	44%	24%	56%
Blackstone Nursing Home	40	n/a	70%	n/a	30%
Blaire House Milford	152	66%	70%	34%	21%
Blaire House of Tewksbury	241	51%	53%	49%	33%
Blaire House of Worcester	101	57%	23%	43%	77%
Blue Hills Alzheimer's Care Center	n/a	29%	n/a	71%	n/a
Boston Home, The *	224	93%	96%	7%	4%
Bostonian Nsg & Rehab Center, The	193	80%	55%	23%	45%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Bourne Manor Extended Care Facility	136	48%	68%	52%	43%
Braemoor Rehabilitation and Nursing Center, Inc.	139	45%	51%	55%	49%
Brandon Woods of Dartmouth	n/a	58%	n/a	42%	n/a
Brandon Woods of New Bedford	176	25%	28%	73%	72%
Briarwood Health Care	147	68%	72%	32%	30%
Bridgewater Nursing Home	50	63%	62%	24%	34%
Brighten at Medford	n/a	42%	n/a	58%	n/a
Brighton House Rehabilitation and Nursing Center	n/a	40%	n/a	27%	n/a
Brookhaven at Lexington	85	95%	88%	5%	12%
Brookline Health Care Center	130	80%	77%	20%	23%
Buckley HealthCare Center	169	79%	72%	36%	38%
Calvin Coolidge Nsg & Rehab Center	145	29%	61%	5%	16%
Cambridge Rehabilitation and Nursing Center	82	20%	87%	80%	13%
Campion Health Center *	107	93%	95%	7%	5%
Cape Heritage	143	40%	51%	60%	49%
Cape Regency Nursing and Rehab Radius	153	66%	63%	41%	37%
Cardigan Nursing Home	n/a	77%	n/a	23%	n/a
Carleton-Willard Village	336	50%	51%	9%	23%
Carlyle House	77	48%	53%	52%	56%
Catholic Memorial Home	407	70%	60%	28%	40%
Cedar Glen Care and Rehabilitation Center	95	52%	74%	48%	38%
Cedar Hill Health Care Center	222	34%	37%	31%	53%
Center for Extended Care at Amherst	174	n/a	53%	n/a	41%
Center for Extended Care at Amherst	n/a	41%	n/a	30%	n/a
Champion Rehabilitation & Health Center	n/a	39%	n/a	61%	n/a
Chapin center	163	75%	67%	25%	39%
Charlene Manor Extended Care Facility *	157	93%	96%	7%	4%
Charlwell House Nursing & Rehabilitation	139	53%	73%	12%	27%
Chelsea Jewish Nursing Home	139	77%	70%	23%	30%
Chelsea Skilled Nursing and Rehabilitation	97	85%	69%	26%	19%
Christopher House of Worcester	240	64%	70%	45%	39%
Clark House	137	52%	39%	7%	1%
Clifton Rehabilitative Nursing Center	227	64%	63%	36%	37%
Coleman House of Northborough	71	83%	87%	35%	23%
Colonial Heights	n/a	41%	n/a	59%	n/a
Colonial Rehab. & Nursing C	244	85%	77%	24%	34%
Commons Residence at Orchard Cove	252	47%	47%	9%	40%
Concord Health Care Center	184	54%	55%	46%	45%
Coolidge House	225	65%	45%	33%	41%
Copley at Stoughton Nursing Care Center*	n/a	61%	n/a	46%	n/a
Corey Hill Nursing Home*	n/a	26%	n/a	74%	n/a
Country Gardens Skilled Nursing & Rehabilitation Center	86	29%	35%	71%	65%
Country Rehab and Nursing Center*	n/a	43%	n/a	59%	n/a
Countryside Health Care of Milford	179	n/a	59%	n/a	41%
Countryside Nursing Home	50	100%	86%	14%	14%
Courtyard Nursing Care Center	279	78%	60%	19%	39%
Coyne Healthcare Center	n/a	76%	n/a	24%	n/a
Cozy Corner Nursing and Rehabilitation Center	51	67%	51%	13%	n/a
Craneville Place of Dalton	120	83%	76%	38%	35%
Daniels House	47	80%	85%	20%	15%
Den Mar Rehab and Nsg. Center	n/a	55%	n/a	45%	n/a
Deutsches Altenheim dba German Centre for Extended Care	240	79%	79%	21%	21%
Devereux House	114	65%	66%	14%	34%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Dighton Nursing Center	43	52%	63%	48%	37%
Don Orione Home	n/a	56%	n/a	44%	n/a
Doolittle Home	47	42%	66%	58%	34%
Duxbury House	22	78%	68%	22%	32%
D'Youville Senior Care	438	66%	56%	34%	44%
East Longmeadow Skilled Nursing Center*	n/a	76%	n/a	40%	n/a
Eastpointe Nursing and Skilled Care Center	240	65%	66%	31%	28%
Elizabeth Seton Residence	132	80%	65%	27%	43%
Ellis Nursing and Rehab Center	261	87%	62%	13%	38%
Emerson Village	229	13%	36%	87%	64%
EPOCH of Sharon	92	89%	78%	13%	22%
Epoch of Weston	123	53%	79%	7%	36%
EPOCH Senior Healthcare of Brewster	211	26%	35%	11%	7%
Epoch Senior Healthcare of Chestnut Hill	n/a	70%	n/a	30%	n/a
Epoch Senior Healthcare of Melrose	88	84%	78%	16%	22%
Epoch Senior Healthcare of Norton *	106	109%	109%	20%	20%
EPOCH Senior Living of Harwich	130	47%	48%	54%	30%
Essex Park Nursing and Rehabilitation Center	231	44%	50%	48%	50%
Everett Nursing and Rehabilitation	n/a	42%	n/a	58%	n/a
Fairhaven Healthcare Center	n/a	31%	n/a	69%	n/a
Fairview Commons	n/a	38%	n/a	40%	n/a
Fall River Jewish Home	78	80%	83%	32%	33%
Farren Care Center	202	38%	62%	62%	38%
Geriatric Authority of Milford	n/a	64%	n/a	31%	n/a
Glen Ridge Nursing Care Center	185	47%	62%	53%	38%
Glenwood Care and Rehab	99	13%	36%	35%	64%
Goddard House	202	67%	78%	33%	22%
Goddard Rehab and Nursing	n/a	78%	n/a	22%	n/a
Golden Living Center Cohasset	74	65%	62%	32%	38%
Golden Living Center Heathwood	n/a	42%	n/a	58%	n/a
Golden Living Center Of Gloucester	n/a	37%	n/a	63%	n/a
Golden Living Center/Melrose	88	84%	58%	16%	42%
Golden Living Center-Fitchburg	182	16%	43%	1%	18%
Golden Living Center-Norwood	102	n/a	46%	n/a	54%
Golden Living Center-Plymouth	n/a	66%	n/a	34%	n/a
Golden Living- Garden Place	116	66%	29%	25%	9%
Golden Living Oak Hill	n/a	34%	n/a	64%	n/a
Golden Living Wedgemere	n/a	57%	n/a	19%	n/a
Golden Living West Newton	105	n/a	43%	n/a	36%
Golden LivingCenter Chetwynde	69	n/a	61%	n/a	35%
Governor's Center	n/a	72%	n/a	28%	n/a
Great Barrington Rehab. & Nursing Center	66	26%	26%	74%	74%
Greenwood Nursing & Rehabilitation Center	46	60%	59%	40%	41%
Grosvenor Park Nursing & Rehabilitation Center	236	31%	64%	69%	36%
Guardian Center	145	60%	27%	24%	34%
Hadley at Elaine/Sunbridge	178	55%	51%	41%	32%
Hallmark Nursing & Rehabilitation Center	n/a	21%	n/a	79%	n/a
Hammersmith House	n/a	43%	n/a	57%	n/a
Hancock Park Rehabilitation and Nursing Center	264	82%	75%	25%	25%
Hannah B.G. Shaw Home, The	86	45%	60%	44%	36%
Hannah Duston Healthcare	174	66%	70%	29%	30%
Harbor House Nursing & Rehab. Center	193	77%	81%	24%	32%
Hathaway Manor Extended Care Facility	162	26%	59%	2%	59%
Hellenic Nursing	220	50%	48%	52%	55%
Henry C. Nevins Home, INC	227	n/a	45%	n/a	55%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Heritage Hall East	199	43%	64%	35%	31%
Heritage Hall North	n/a	51%	n/a	20%	n/a
Heritage Hall South	143	69%	69%	32%	20%
Heritage Hall West	209	50%	70%	36%	32%
Heritage Skilled Nursing +Rehabilitation	156	60%	63%	40%	37%
Heywood Transitional Care Center	n/a	57%	n/a	9%	n/a
Highland Manor Nursing Home	43	57%	49%	43%	51%
Highlands, The	n/a	47%	n/a	18%	n/a
Hillcrest Commons Nursing and Rehabilitation	280	57%	64%	34%	36%
Hillcrest Nursing Center	80	64%	54%	24%	46%
Holden Rehab And Nursing Center *	127	85%	91%	49%	40%
Holy Trinity Nursing and Rehabilitation	256	84%	66%	17%	34%
Holyoke Geriatrics and Convalescent Center	122	48%	48%	52%	16%
Holyoke Health Care Center	163	45%	50%	24%	50%
Holyoke Rehab. Center	320	47%	49%	53%	48%
Hunt Nursing and Rehab Center	133	n/a	65%	n/a	17%
Island Terrace Nursing Home	123	48%	51%	45%	33%
Jesmond Nursing Home	91	80%	44%	20%	56%
Jewish Healthcare Center, Inc.	429	59%	64%	31%	30%
JML Care Center	248	62%	71%	38%	29%
John Adams HealthCare Center	116	90%	87%	10%	13%
John Scott House Rehabilitation & Nursing Center	157	67%	59%	31%	41%
Julien J. Leavitt Family Jewish Nursing Home; Jewish Geriatric Services	430	58%	47%	42%	53%
Kathleen Daniel Healthcare	138	43%	70%	17%	30%
Keystone Center	134	n/a	66%	n/a	14%
Kimball Farms Nursing Care Center *	103	68%	90%	33%	17%
Kimwell Nursing Home	147	48%	50%	34%	50%
Kindred Blueberry Hill	150	53%	39%	47%	41%
Kindred Great Barrington Rehab & Nsg Center	76	48%	29%	53%	71%
Kindred Healthcare-Braintree	185	n/a	35%	n/a	65%
Kindred Nursing & Rehab -Tower Hill	205	80%	84%	20%	16%
Kindred Nursing & Rehab-Brigham Manor	64	13%	36%	88%	64%
Kindred Nursing & Rehabilitation-Colony House	108	73%	60%	27%	40%
Kindred Nursing and Rehabilitation - Presentation	131	48%	56%	52%	44%
Kindred Nursing and Rehabilitation: Newton and Wellesley Alzheimer's	107	85%	69%	35%	31%
Kindred Nursing and Rehabilitation Laurel Ridge	125	n/a	74%	n/a	26%
Kindred Rehab & Nursing-Harborlights	101	49%	67%	51%	33%
Kindred TCR-Highlander	220	33%	14%	67%	5%
Kindred Tran. Care Quincy	113	77%	76%	23%	24%
Kindred Transitional and Rehab Ctr Sachem	116	71%	88%	29%	12%
Kindred Transitional Care & Rehabilitation- Forestview	191	56%	64%	44%	36%
Kindred Transitional Care & Rehabilitation/ Avery	157	53%	66%	47%	34%
Kindred Transitional Care & Rehabilitation-Marlborough	153	43%	50%	45%	50%
Kindred Transitional Care and Rehabilitation - The Meadows	118	74%	76%	26%	24%
Kindred Transitional Care and Rehabilitation- Eliot Healthcare Center Natick	123	28%	67%	72%	33%
Kindred Transitional Care and Rehabilitation -Highgate	131	35%	36%	1%	95%
Kindred Transitional Care and Rehabilitation at Eagle Pond	144	85%	74%	15%	26%
Kindred Transitional Care Center Harrington	92	74%	55%	20%	34%
Kindred Transitional Care- Franklin	98	95%	85%	5%	15%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Kindred Transitional Care and Rehabilitation Country Estates	199	47%	27%	16%	0%
Kindred Transitional Care and Rehab/ Crawford	112	48%	71%	14%	18%
Knollwood Nursing Center	145	88%	74%	38%	26%
Lafayette Rehabilitation and Skilled Nursing Facility	95	69%	81%	31%	19%
Lanessa Extended Care	148	49%	50%	51%	50%
Lasell House	44	72%	59%	28%	41%
Laurel Lake Center	155	50%	89%	33%	11%
Ledgewood Rehabilitation and Skilled Nursing Center	173	44%	57%	56%	43%
Legend Rehabilitation and Nursing Center	155	24%	48%	76%	52%
Leland Home, The	22	83%	55%	17%	45%
Leonard Florence Center	174	46%	61%	54%	39%
Lexington HCC *	220	82%	90%	18%	10%
Liberty Commons	160	75%	65%	37%	35%
Life Care Center of Acton	189	33%	44%	67%	56%
Life Care Center of Attleboro	222	49%	43%	51%	57%
Life Care Center of Auburn	239	n/a	44%	n/a	33%
Life Care Center of Leominster	207	69%	72%	31%	28%
Life Care Center of Merrimack Valley	169	66%	61%	35%	38%
Life Care Center of Nashoba Valley	170	67%	55%	31%	45%
Life Care Center of Plymouth	245	43%	80%	57%	20%
Life Care Center of Stoneham	192	30%	49%	70%	68%
Life Care Center of the North Shore	159	64%	63%	36%	37%
Life Care Center of the South Shore	176	40%	45%	60%	55%
Life Care Center of West Bridgewater	202	88%	76%	12%	23%
Life Care Center of Wilbraham	190	43%	39%	43%	41%
Life care center Raynham	205	40%	56%	16%	36%
Lighthouse Nursing Care Center	193	52%	59%	48%	51%
Linda Manor E.C.F.	161	87%	81%	13%	19%
Little Sisters of the Poor (Jeanne Jugan Residence)	108	63%	72%	37%	28%
Longmeadow of Taunton	108	55%	67%	45%	33%
Loomis Communities -Reeds Landing	162	26%	30%	21%	70%
Lowell Healthcare Center	264	38%	29%	63%	22%
Lutheran Healthcare Center	n/a	55%	n/a	37%	n/a
Lydia Taft House	68	41%	65%	26%	35%
Madonna Manor	201	68%	61%	32%	39%
Maples Rehabilitation and Nursing Center	228	80%	79%	27%	22%
Maplewood Care and Rehabilitation	133	24%	53%	31%	47%
Marian Manor	444	56%	50%	19%	50%
Marian Manor of Taunton	173	90%	82%	15%	22%
Marie Esther Health Center	99	41%	70%	59%	30%
Marina Bay Skilled Nursing and Rehabilitation	282	95%	84%	21%	16%
Marist Hill Nursing and Rehabilitation	n/a	44%	n/a	56%	n/a
Marlborough Hills Health Care Center	228	56%	66%	44%	34%
Marquardt Nursing Center *	53	80%	94%	20%	6%
Mary Ann Morse Nursing & Rehab	207	72%	85%	18%	13%
Mary Immaculate Nursing Restorative Center	312	46%	37%	54%	10%
Mary's Meadow	81	65%	60%	35%	40%
Masconomet Healthcare Center	178	60%	65%	40%	35%
Mayflower Place Nursing Center	117	65%	50%	35%	25%
Meadow Green	154	71%	74%	29%	26%
Meadow View Care and Rehabilitation Center	n/a	82%	n/a	18%	n/a
Meadows @ Edgewood RC, The	88	56%	60%	44%	40%
Medway Country Manor Skilled Nursing & Rehabilitation	170	81%	83%	25%	19%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Methuen Health and Rehabilitation Center	131	54%	27%	46%	73%
Millbury Health Care Center	238	48%	58%	52%	42%
Milton Healthcare	167	n/a	67%	n/a	33%
Mont Marie Health Care Center	144	72%	69%	36%	31%
Mount Pleasant Home	38	n/a	53%	n/a	47%
Mt. Greylock Extended Care Facility	114	94%	86%	18%	27%
Mt. St. Vincent Care Center	150	26%	59%	74%	41%
Nemasket Health Care	126	50%	64%	30%	36%
Neuro-Rehabilitation Center at Worcester	224	36%	77%	64%	23%
Neville Center	200	31%	17%	69%	84%
Nevins Nursing and Rehabilitation Centre	n/a	47%	n/a	53%	n/a
New Bedford Healthcare Center	166	42%	34%	48%	19%
New Bedford Jewish Convalescent Home *	119	93%	93%	7%	7%
New England Clinic of Reproductive Med	n/a	65%	n/a	35%	n/a
New England Deaconess Abundant Life Communities, Rivercrest LTC	140	79%	85%	21%	15%
New England Home for the Deaf	82	39%	74%	15%	26%
New England Pediatric Care*	n/a	35%	n/a	67%	n/a
NewBridge on the Charles Skilled	113	47%	58%	14%	32%
Newfield House	84	76%	89%	24%	11%
Newton Health Care Center	166	25%	42%	75%	58%
North Adams Commons Nursing & Rehabilitation *	118	94%	95%	18%	19%
North Hill	110	74%	75%	27%	25%
Northampton Rehab &Nsg	n/a	42%	n/a	43%	n/a
Norwell Knoll Rehabilitation and Nursing Center	115	73%	77%	27%	23%
Notre Dame Long Term Care Center	216	61%	77%	39%	40%
Oak Knoll Healthcare Center	188	67%	81%	43%	19%
Oakdale Rehabilitation and Skilled Nursing Center	112	64%	70%	42%	48%
Oaks, The	178	51%	41%	33%	46%
Oakwood Rehabilitation and Nursing Center	98	93%	56%	7%	13%
Odd Fellows Home	n/a	49%	n/a	51%	n/a
Our Island Home	70	75%	83%	25%	17%
Our Lady's Haven	164	69%	69%	39%	38%
Overlook at Northampton	n/a	62%	n/a	17%	n/a
Overlook Masonic Health Center	374	71%	65%	36%	43%
Oxford, The	141	64%	51%	36%	49%
Palm Center	135	70%	80%	30%	20%
Palmer Healthcare Center	n/a	64%	n/a	36%	n/a
Park Avenue Nursing and Rehabilitation Center *	97	80%	100%	20%	0%
Park Place	87	53%	57%	47%	43%
Parkwell Nursing and Rehab	130	n/a	46%	n/a	54%
Parsons Hill Nursing and Rehabilitation	157	58%	59%	42%	41%
Pavilion, The	121	48%	49%	25%	51%
Peabody Glen Health Care Center	187	25%	68%	75%	32%
Penacook Place	249	56%	57%	39%	43%
Phillips Manor Nursing Home	37	80%	78%	20%	22%
Pilgrim Rehabilitation & Skilled Nursing Center	156	70%	69%	15%	43%
Pine Knoll Nursing Center	121	91%	66%	8%	34%
Pleasant Bay Nursing and Rehabilitation Center	204	49%	51%	51%	57%
Poet's Seat Health Care Center	88	81%	72%	19%	25%
Pond Home	61	59%	80%	41%	20%
Pope Nursing Home	67	52%	63%	28%	37%
Port Healthcare Center	132	48%	69%	27%	31%
Prescott House	176	71%	61%	63%	39%
Providence Care Ctr Lenox	86	38%	41%	62%	59%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Providence Homecare aka Mercy Homecare	101	n/a	69%	n/a	31%
Quabbin Valley Healthcare	n/a	73%	n/a	41%	n/a
Quaboag Rehabilitation and skilled Care Center	187	67%	71%	35%	24%
Queen Anne Nursing Home *	148	83%	91%	20%	9%
Radius Healthcare of Plymouth	234	67%	58%	33%	26%
Radius Healthcare Center @ Danvers	157	71%	80%	29%	20%
Radius Healthcare Center @ Southbridge	152	70%	66%	30%	34%
Radius Healthcare Center at Worcester	135	44%	67%	56%	33%
Radius Northwood	174	35%	57%	64%	43%
Recuperative Services Unit	102	51%	69%	21%	27%
Redstone Rehabilitation and Nursing Center	276	62%	87%	63%	13%
Reeds Landing	n/a	33%	n/a	0%	n/a
Renaissance Gardens 2	50	n/a	66%	n/a	34%
Renaissance Gardens at Linden Ponds	260	52%	65%	29%	35%
Renaissance Gardens1	286	64%	66%	35%	34%
Renaissance Manor of Westfield	55	34%	64%	66%	36%
Resident Care Rehabilitation & Nursing Center	n/a	69%	n/a	31%	n/a
River Terrace Healthcare	n/a	59%	n/a	41%	n/a
Riverbend of South Natick	52	n/a	35%	n/a	38%
Roscommon Extended Care Center Mattapan	66	n/a	55%	n/a	45%
Roscommon On The Parkway	109	79%	84%	21%	16%
ROSEWOOD- Peabody	260	73%	73%	27%	27%
Royal Cape Cod Nursing & Rehabilitation Center	150	55%	77%	45%	23%
Royal Megansett Nsg and Retirement Home	108	71%	79%	38%	21%
Royal Nursing Center *	143	72%	127%	28%	15%
Royal of Fairhaven Nursing Center	125	28%	64%	42%	36%
Royal Rehabilitation and Nursing	n/a	15%	n/a	85%	n/a
Royal Taber Street Nursing & Rehabilitation Center	75	28%	31%	72%	63%
Sacred Heart Home	n/a	38%	n/a	47%	n/a
Saint Francis Rehabilitation and Nursing Center	167	14%	41%	31%	59%
Samuel Marcus Nursing Home	30	64%	73%	36%	27%
Sancta Maria Nursing Facility	219	55%	45%	45%	55%
Sandalwood Care and Rehabilitation Center	80	n/a	38%	n/a	38%
Sarah Brayton Nursing Center	225	70%	76%	36%	20%
Savoy Nursing and Rehabilitation Center	n/a	40%	n/a	60%	n/a
SE Mass Health & Rehabilitation Center*	n/a	45%	n/a	83%	n/a
Sea View Retreat	69	81%	74%	19%	26%
Seacoast Nursing and Rehabilitation Center	175	51%	57%	49%	43%
Seacoast Nursing and Rehabilitation Center	170	51%	35%	49%	65%
Seashore Point and Wellness Rehabilitation	103	71%	74%	24%	26%
Serenity Hill Nursing and Rehabilitation Center	57	56%	70%	44%	30%
Seven Hills Pediatric Center *	219	103%	99%	2%	1%
Sherrill House, Inc.	325	78%	75%	22%	25%
Shrewsbury Nursing and Rehabilitation Center	122	41%	39%	59%	61%
Sippican Health Care Center	178	59%	66%	41%	22%
Soldiers' Home in Massachusetts - Chelsea	374	74%	81%	26%	19%
Somerset Ridge Center	170	40%	46%	66%	47%
South Cove Manor Nursing Home	137	74%	74%	29%	26%
South Shore Healthcare Center	146	59%	59%	41%	38%
Southeast Health Care Center	211	65%	88%	35%	32%
Southpointe Rehabilitation & Skilled Care Center	n/a	34%	n/a	58%	n/a
Southwood at Norwell Nursing Center	169	91%	85%	9%	26%
Spaulding Nursing and Therapy Center North End *	209	71%	94%	22%	23%
Spaulding Nursing and Therapy Center West Roxbury	155	68%	76%	32%	22%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011-2012
Spaulding Rehabilitation Cape Cod *	326	n/a	95%	n/a	34%
Spring Valley Care and Rehabilitation Center	82	n/a	38%	n/a	44%
Springside Rehabilitation and Skilled Care Center	144	70%	44%	48%	56%
St Raphael's TCU @ Holy Family Hospital	34	n/a	65%	n/a	35%
St. Camillus Health Center	175	85%	71%	24%	29%
St. Joseph Manor- Brockton	206	83%	50%	38%	50%
St. Luke's Home	49	n/a	61%	n/a	39%
St. Mary Healthcare	145	54%	67%	44%	33%
St. Patrick's Manor	367	69%	67%	31%	33%
Sterling Village	205	47%	63%	1%	37%
Stone Institute, The	130	77%	78%	23%	22%
Stonehedge Rehabilitation and Skilled Care Center	91	62%	87%	38%	13%
Sunny Acres Nursing Home, Inc.	172	64%	59%	31%	37%
Sutton Hill Center	185	63%	51%	31%	31%
Sweetbrook of Williamstown	180	31%	72%	9%	28%
Taunton Nursing Home	99	29%	23%	28%	25%
Terraces Orleans, The	71	49%	49%	51%	51%
Thomas Upham House	n/a	71%	n/a	29%	n/a
Timothy Daniels House	50	50%	34%	28%	66%
Transitional Care Unit @Hubbard Hospital	n/a	77%	n/a	23%	n/a
Transitional Care Unit at Brockton Hospital, The	44	38%	86%	62%	14%
Tremont Rehab. & Skilled Care Wareham, Ma.	133	44%	49%	68%	51%
Tuell Nursing Home, Inc.	41	53%	49%	47%	51%
Twin Oaks Care & Rehabilitation Center	104	49%	79%	43%	21%
Victoria Haven Nursing Facility	59	44%	61%	20%	29%
Waban Health & Rehabilitation	105	69%	79%	31%	21%
Wachusett Manor	103	73%	64%	28%	47%
Wachusett Extended Care	87	65%	86%	35%	37%
Wakefield Care and Rehabilitation	122	24%	67%	75%	25%
Walden Rehabilitation and Nursing Center	100	60%	34%	40%	66%
Wayland Nursing and Rehabilitation *	54	n/a	94%	n/a	9%
Webster Manor	264	40%	24%	60%	76%
West Acres Rehabilitation and Nursing Center	172	75%	77%	25%	23%
Westborough Health Care Center	n/a	51%	n/a	49%	n/a
Westford House Genesis HealthCare	158	77%	51%	23%	17%
Weymouth Healthcare Center	268	34%	29%	36%	26%
William B Rice Eventide Home	110	65%	83%	35%	32%
Williamsett Center East	90	37%	79%	14%	32%
Williamstown Commons	193	60%	75%	17%	20%
Williamsett West Nursing Center	98	53%	43%	39%	23%
Willow Manor	124	40%	22%	56%	78%
Wilmington Health Care Center	183	62%	35%	47%	65%
Winchester Rehabilitation and Nursing Center	222	66%	61%	34%	38%
Windemere Nursing & Rehabilitation Center	n/a	60%	n/a	40%	n/a
Windsor Skilled Nursing & Rehabilitation Center	124	50%	72%	42%	31%
Wingate at Andover	116	50%	87%	50%	13%
Wingate at Belvidere	128	35%	36%	65%	37%
Wingate at Brighton *	144	68%	100%	18%	n/a
Wingate at East Longmeadow	179	39%	32%	61%	68%
Wingate at Hampden	118	62%	75%	38%	30%
Wingate at Haverhill	159	58%	52%	42%	48%
Wingate at Needham	n/a	93%	n/a	7%	n/a
Wingate at Reading	130	38%	62%	62%	25%
Wingate at Silver Lake	212	13%	39%	87%	67%
Wingate at Springfield	150	24%	41%	76%	59%

Facility Name	Employees 2011-2012	% Vaccinated		% Declined	
		2010-2011	2011-2012	2010-2011	2011-2012
Wingate at Sudbury	n/a	24%	n/a	76%	n/a
Wingate at West Springfield	138	55%	46%	69%	42%
Wingate at Wilbraham	147	54%	53%	20%	47%
Wingate Healthcare- Neurologic Rehabilitation Center at Middleboro	148	70%	49%	30%	14%
Woburn Nursing Center	n/a	28%	n/a	37%	n/a
Wood Mill Care & Rehabilitation Center	96	61%	69%	39%	31%
Woodbriar of Wilmington	235	65%	71%	35%	29%

\* Vaccination rate greater than 90% in 2011-2012

**TABLE 10. 2010-2011 AND 2011-2012 HCW INFLUENZA VACCINATION AND DECLINATION AT MASSACHUSETTS NON-ACUTE CARE HOSPITALS**

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011- 2012
Adcare Hospital	392	n/a	78%	n/a	17%
Arbour Hospital	250	39%	52%	11%	0%
Arbour HRI	181	52%	59%	28%	29%
Arbour-Fuller Hospital	324	52%	59%	22%	41%
Baldpate Hospital	136	n/a	39%	n/a	61%
Bayridge Hospital	257	73%	67%	27%	23%
Bournewood Hospital	276	34%	42%	20%	35%
Braintree Rehabilitation Hospital	794	60%	70%	9%	24%
Cape Cod & Islands Community Mental Health Center	124	n/a	81%	n/a	12%
Deerfield Academy Health Center	25	n/a	88%	n/a	12%
Dr. John C. Corrigan Mental Health Center	165	31%	56%	6%	44%
Fairlawn Rehabilitation Hospital	431	81%	81%	19%	19%
Federal Medical Center, Devens	n/a	69%	n/a	0%	n/a
Franciscan Hospital for Children	592	80%	80%	14%	9%
Groton School Health Center	9	n/a	89%	n/a	11%
HealthSouth Rehabilitation Hospital of Western MA	228	60%	59%	13%	24%
Hebrew Rehabilitation Center	1109	53%	70%	20%	24%
Hebrew Rehabilitation Center at Dedham	664	63%	72%	20%	24%
Isham Health Center-Phillips Academy	22	66%	64%	28%	36%
Kindred Hospital Northeast Natick	n/a	83%	n/a	20%	n/a
Kindred Hospital Northeast Waltham	n/a	67%	n/a	33%	n/a
Kindred Hospital Park View	366	57%	62%	32%	29%
Kindred Hospital Park View Central Mass	n/a	55%	n/a	44%	n/a
Kindred Northeast Stoughton	n/a	85%	n/a	24%	n/a
Lemuel Shattuck Hospital	880	57%	34%	19%	23%
Massachusetts Hospital School *	392	90%	91%	3%	5%
McLean Hospital	1436	64%	81%	16%	19%
McLean Hospital Southeast	105	51%	49%	31%	22%

Facility Name	Employees 2011-2012	% Vaccinated 2010-2011	% Vaccinated 2011-2012	% Declined 2010-2011	% Declined 2011- 2012
MIT Medical (Homborg)	333	82%	81%	18%	16%
New Bedford Rehabilitation Hospital	n/a	51%	n/a	49%	n/a
New England Rehabilitation Hospital/ Woburn	699	72%	76%	28%	21%
New England Sinai Hospital & Satellites	877	70%	105%	30%	5%
Pembroke Hospital	278	49%	59%	51%	41%
Providence Behavioral Health Hospital	487	53%	61%	0%	39%
Radius Specialty Hospital	371	43%	51%	48%	45%
Soldiers' Home, Chelsea	n/a	74%	n/a	26%	n/a
Spaulding Rehabilitation Cape Cod	326	76%	95%	21%	34%
Spaulding Rehabilitation Hospital - North Shore	448	73%	94%	21%	14%
Spaulding Rehabilitation Hospital Boston	1109	70%	97%	27%	23%
Spaulding Rehabilitation Hospital Cambridge	609	73%	98%	17%	13%
Taunton State Hospital	416	62%	80%	38%	20%
Tewksbury Hospital	1024	56%	72%	13%	29%
The Hunt Center - North Shore Medical Center	n/a	68%	n/a	25%	n/a
University Health Services	272	83%	83%	16%	17%
Walden Behavioral Care	86	38%	63%	12%	37%
Western Massachusetts Hospital	273	75%	72%	25%	28%
Whittier Pavilion	223	39%	44%	61%	56%
Whittier Rehabilitation Hospital: Haverhill	348	60%	48%	9%	6%
Whittier Rehabilitation Hospital: Westborough	259	54%	62%	16%	11%
Worcester State Hospital	421	88%	82%	12%	18%

\* Vaccination rate greater than 90% in 2011-2012