

Maryland Nursing Home, Assisted Living and
Hospital Health Care Worker

Influenza Vaccination Rates 2012-2013

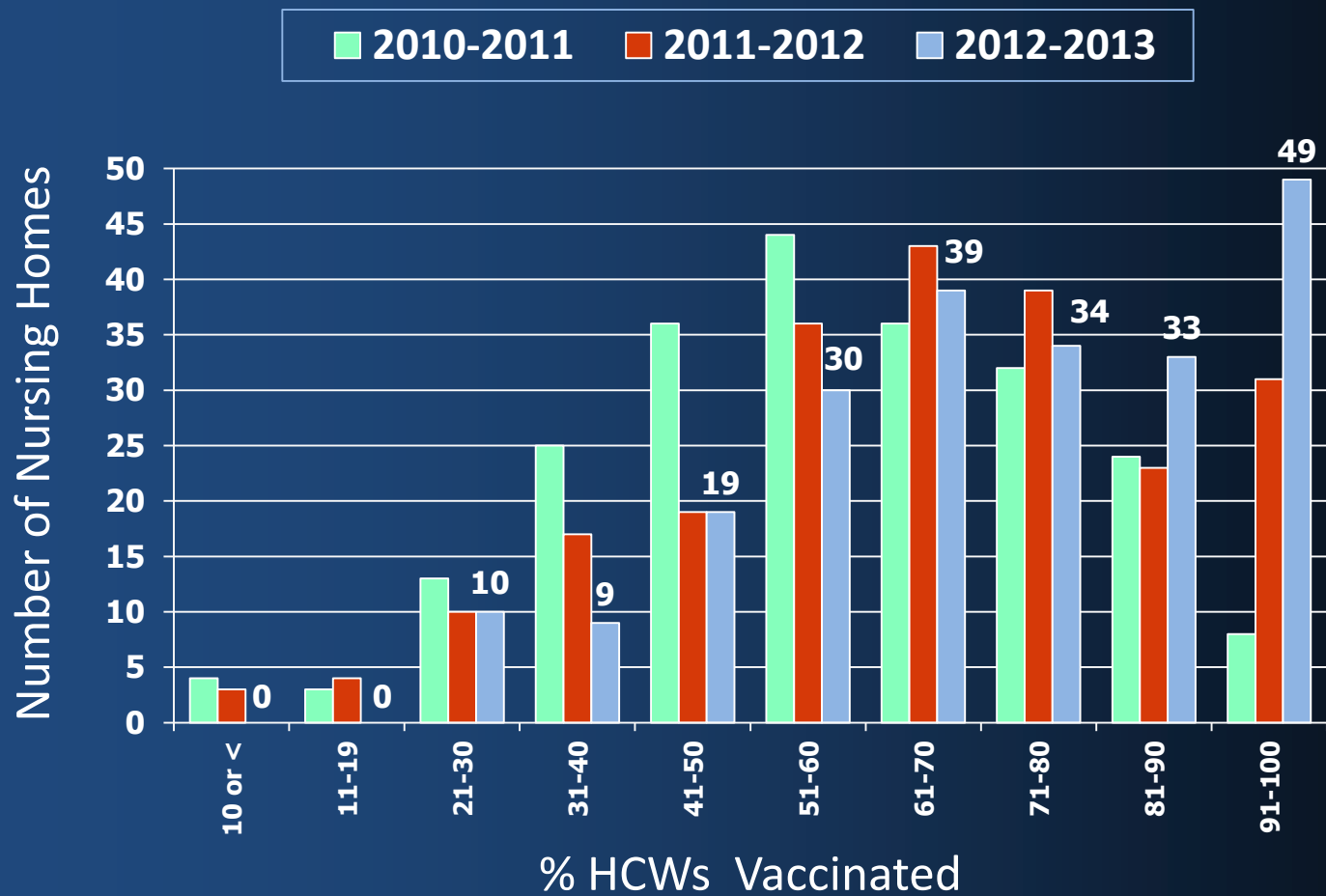
Joint Presentation to the Commission

June 20, 2013

Survey Protocol

- *Maryland Nursing Home, Assisted Living and Hospital Health Care Worker (HCW) Influenza Vaccination Surveys* for the 2012-2013 Influenza Season were posted online for completion between April 15-May 15, 2013
- 224 Nursing Homes, 318 Assisted Living Facilities, and 46 Hospitals completed the online survey
- Surveys include documented vaccinations received or reported during the flu season beginning September 1, 2012 and ending April 15, 2013

% of Nursing Home HCWs That Received Influenza Vaccination During 2010 through 2013 Influenza Seasons



Comparison of 2010-11 through 2012-13 Nursing Home HCW Vaccination Rates

Statewide Stats	2010-11	2011-12	2012-13
Vaccination Rate	57.9%	65.1%	73.6%
Number of Nursing Homes at or Above 60%	100	136	158
Number of Employees Vaccinated	24,125	26,615	29,830
Number of Employees	41,694	40,852	40,555
Declination Rate	42.1%	34.9%	26.4%
Medical Objections	na	2.7%	2.1%
Religious Objections	na	0.5%	0.5%
Other	na	31.5%	23.8%

Statewide Influenza Vaccination Rate for Nursing Home HCWs in 2012-2013 - **73.6%**

- **16% increase** in one year in the number of nursing homes with 60% or greater HCWs receiving flu vaccine (50% change since 2010-2011)
- Exceeds the CDC national estimated rate* for HCWs in long term care of 48.7%
- Exceeds the CDC national estimated rate* for HCWs in all settings of 62.9%
- Lags behind the Maryland rate for hospital HCWs

*CDC estimates reported through mid-November 2012

Nursing Home HCW Vaccination Declinations

26.4% report in the “not vaccinated” category

- 0.5% cited religious reasons
- 2.1% cited medical reasons
- 14.7% no documentation of vaccination
- 9.1% cited "other objections"

Status of Nursing Home HCW Influenza Vaccination Policy

Statewide Stats	2010-11	2011-12	2012-13
Number of Nursing Homes with Mandatory Vaccination Policy	NA	43	50
Mandatory policy in place	NA	19.1%	22.4%
Plan to implement mandatory policy in the upcoming influenza season	NA	18.2%	14.8%
No plan for mandatory policy	NA	62.7%	62.8%

Results: Assisted Living Staff

2012-2013 was the 2nd year of mandatory survey for Assisted Living residences with 10 beds or more

- 2011-2012 statewide average 48%
 - 2012-2013 statewide average 50.6%
 - 2012-2013 Maryland rate was higher than the CDC national estimated rate of 36.5% for the general population through November 2012*
 - 2012-2013 Assisted Living staff rate lags behind the Maryland Nursing Home and Hospital HCWs rates
- * 2011-2012 final estimate was 45.5%

Strategies Used to Raise Awareness and Increase Employee Influenza Vaccination Rates

Provide influenza vaccination onsite	98%
Provide influenza vaccination free of charge to employees	98%
Provide influenza vaccination free of charge to non-employees ¹	67%
Distribution of educational material	3%
Educational Presentations held	88%

¹ Such as physician staff not paid by the nursing home, volunteers or students

Methods Used to Document Staff Influenza Vaccination Status

Employees sign a form when declining due to	
- Medical contraindications	86%
- Religious reasons	81%
- Other reasons including no documentation	83%
Documentation kept with other employee records	77%
Require written proof of offsite vaccination	69%
Physician documentation to support medical contraindications	43%
No documentation required	3%

Strategies to Ensure Compliance with Flu Policy or Limit the Spread of Influenza

None	53%
Mandatory use of face mask if not vaccinated	21%
Disciplinary action for violations	16%
Other	16%
Termination of employment	15%
Non-employee subject to penalties	9%
Restriction to certain facility areas during flu season	9%
Non-employee suspension of privileges	2%

MHCC Efforts to Increase NH and AL Vaccination Rates

- Individual facilities received their performance results that included comparison to statewide averages and suggestions for improvement
- Facilities received periodic email reminders throughout the flu season with links to CDC materials for promoting vaccination (www.flu.gov)
 - Includes posters, toolkits, location of free/reduced cost flu clinics
 - Facilities with rates below 70% received targeted emails encouraging adoption of strategies to increase vaccination rates
- Collaboration with LifeSpan and HFAM to provide reminders in member communications (newsletters, web sites) and at meetings
- Individual nursing home and assisted living rates were published in the Maryland Consumer Guide to Long Term Care
- Facility and corporate aggregate rates calculated, sent to corporate officers for review

Nursing Home Recognition

The MHCC presented Gold Star Certificates to 19 facilities that had vaccination rates above 95%. Three of those facilities achieved a 100% vaccination rate.



2011-2012

XX.X% of Employees

Vaccinated Against Influenza



Facility Name

Nursing Home Survey – 4 Year Trend

Statewide Stats	2009-10	2010-11	2011-12	2012-13
Nursing Homes Submitting a Survey	85% (197)	100% (235)	100% (225)	100% (225)
Average Vaccination Rate	60.4%	57.9%	65.1%	73.6%
Top 20% Average Rate	84.0%	74.3%	93.3%	93.3%
Bottom 20% Average Rate	30.9%	39.9%	31.9%	53.4%
Range of Rates (Highest to Lowest)	99.1%- 9.9%	99.4%- 5.9%	100%- 5.6%	100%- 21.8%
Average No Vaccination Rate	39.4%	42.1%	34.9%	26.4%

Hospital Influenza Vaccination Rates 2012-2013

Hospital Influenza Vaccination Survey Results Overview

Statewide Stats	2009-10	2010-11	2011-12	2012-13
Vaccination Rate	78.1%	81.4%	87.8%	96.4%
Top 10 Average Rate	82.6%	99.4%	98.8%	100%
Bottom 10 Average Rate	64.4%	57.7%	63.7%	77.7%
Declination Rate	12.1%	15.2%	10.5%	4.5%
- Medical Objections	3.1%	1.6%	1.8%	1.6%
- Religious Objections	0.5%	0.9%	1.2%	0.5%

Comparison of 2010-11 through 2012-13 Hospital HCW Vaccination Rates

Statewide Stats	2010-11	2011-12	2012-13
Vaccination Rate	81.4%	87.8%	96.4%
Number of Hospitals at or Above 85%	21	31	39
Number of Hospitals with Mandatory Vaccination Policy	15	25	37
Number of Employees Vaccinated	79,504	89,206	99,724
Number of Employees	97,639	101,565	103,436
Average Declination Rate	15.2%	10.5%	4.5%

Hospitals with less than 90% Vaccination Rate in 2013

Hospital Name	2010-11	2011-12	2012-13	Mandatory Policy
Meritus Medical Center	94.4%	92.9%	83.0%	Plan 2014
Edward McCready Memorial Hospital	61.2%	78.4%	81.0%	Plan 2014
Bon Secours Hospital	66.0%	78.1%	73.3%	Plan 2014
Garrett County Memorial Hospital	66.6%	67.5%	73.1%	No Plan
Doctors Community Hospital	67.0%	70.6%	68.1%	No Plan
Fort Washington Hospital	99.8%	74.1%	61.4%	No Plan
Peninsula Regional Medical Center	58.3%	58.2%	61.4%	Plan 2014

Highlights from 2012 IPC Annual Survey

- All hospitals are providing free influenza vaccination to employees
- 45 hospitals require printed documentation of off-site vaccination
- 40 hospitals require physician documentation for medical contraindication
- Hospitals maintaining documentation
 - Employees vaccinated on-site: All hospitals
 - Employees vaccinated off-site: 45 hospitals
 - Employees declined vaccination: 39 hospitals
- 37 hospitals have a mandatory vaccination policy
 - 34 hospitals terminate non-physician staff
 - 28 hospitals suspend physician privileges
- Most hospitals are tracking patient cases of influenza

Highlights from 2012 IPC Annual Survey

Termination, Suspension, Resignation of Staff Rates for Hospitals with Mandatory Influenza Vaccination Policies:

- 109 Employees
 - 32 hospitals provided information
- 30 Employed Physicians/Providers (NP/PA)
 - 26 hospitals provided information
- 6 Non-Employed Physicians/Providers (NP/PA)
 - 24 hospitals provided information
- 2 hospitals noted they did not have this information available

Questions?