



MA Adult Immunization Program Success

May 11, 2016
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MA Department of Public Health



National Adult
and Influenza
Immunization
Summit

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Adult Immunization Team in MA

- Senior Management Team
- Entire Immunization Staff
- Great Partners and Champions
- Visionary Former Adult Immunization Coordinator
– Donna Lazorik



Reasons for High Rates in Massachusetts

- Health Care Reform since 2006
- Life-span registry with clinical decision support
- Vaccine reimbursement program for public providers
- Adult Immunization Coalition since 1995
- Collaborations to reduce disparities
- Promotion of evidence-based strategies and 'Adult Standards'



Center for Healthcare Financing



MA Receives 2015 Vaccination Coverage Awards



Outstanding Progress Towards Healthy People 2020 Goals

★ Adolescents Aged 13 – 17 Years

- Based on 2014 NIS-Teen data
- 1 Tdap 93%, 1 MenACWY 92%, 1 HPV (females) 69%

★ Children Aged 19 – 35 months

- 4 DTaP, 3 Polio, 1 MMR, Hib full series, 3 HepB, 1 Var, 4 PCV, 1 HepA, and Rotavirus full series, based on 2014 NIS data.

Highest Coverage

★ Influenza Vaccination among Children Aged 6 Months – 17 Years

- 1 or more doses for the 2014-15 influenza season
- 76.1%

★ Highest Pneumococcal Vaccination Coverage among High-Risk Adults 18 – 64 Years

- 36.4%

Adult Vaccination Rates, MA and US, 2013-14

Vaccine/Group	MA 2013 ¹	MA 2014 ¹	US 2014 ²
Tdap ≥18 y/o	37%	41%	20%
Zoster ≥60 y/o	30%	39%	28%
HPV females 18-26 y/o (1+ doses)	61%	64%	40%
HPV females 18-26 y/o (3+ doses)	76%*	79%*	N/A
HPV males 18-26 y/o (1+ doses)	23%	38%	8%
HPV males 18-26 y/o (3+ doses)	30%*	N/A	N/A
Influenza vaccine ≥65 y/o ³	64% ³	67% ³	67% ³
Pneumococcal vaccine ≥65 y/o	70%	72%	61%

*Percent of those who received at least 1 dose.

Source: ¹MA BRFSS includes those ≥18 years, ²NHIS includes those ≥19 years,

³Influenza data from the NIS-Flu and BRFSS

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Innovative Opportunity for OB-GYNs to Improve Their Immunization Programs

- American College of Obstetricians and Gynecologists (ACOG) 3 year grant to increase immunization rates for all women in CA and MA
- MA Chapter of ACOG is looking for practices to participate:
 - Learn about innovative ways to improve immunization rates
 - Be recognized as leader on the state and national level
- Eligibility requirements for participation includes the following:
 - ACOG membership
 - EHR system that can be used to track data requirements such as immunization rates
 - Serve both adult obstetrical and adult gynecology patients
 - Willingness to participate in state health department's immunization registry
- For more information, visit www.immunizationforwomen.org/projects



MA Public Clinic Billing Project

- For 10% fee, CHCF at Commonwealth Medicine electronically bills the participating plans and distributes payments to public providers
 - 10 private health plans, MassHealth and Medicare participate
- Cities and towns can bill contracted plans for the:
 - Administration of state-supplied flu vaccine to individuals ages 6 months and older
 - Cost of purchasing and administering all recommended vaccines to adults
 - 178 public sector providers across the state participate, representing 214 out of 351 towns in MA
- > \$2.1 million reimbursed to communities last flu season



<http://commed.umassmed.edu/flu reimbursement>

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MIIS

Vaccinations Across the Lifespan

Lifespan immunization registry

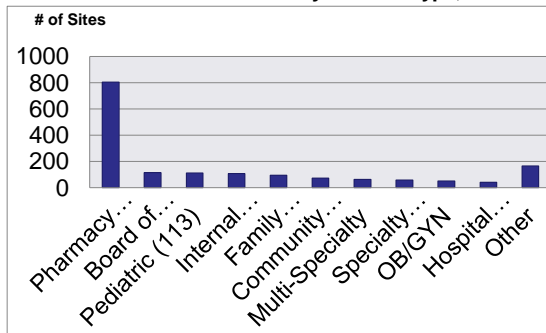
- Total sites: 1,649
- Total patients: 4.8 million
- Total shots: 33.9 million

Clinical decision support

- Dr. Bill Adams



Number of Sites by Practice Type, MIIS



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MA Partners in Adult Immunization



THANK YOU FOR ALL
THAT YOU DO!

MDPH Immunization Program

Contact Information

Immunization Program Main Number

For questions about immunization recommendations, disease reporting, etc.

- **Phone:** 617-983-6800
- **Fax:** 617-983-6840
- **Website:** www.mass.gov/dph/imm

MIIS Help Desk

- **Phone:** 617-983-4335
- **Fax:** 617-983-4301
- **Email:** miishelpdesk@state.ma.us
- **Websites:** www.contactmiis.info | www.mass.gov/dph/miis

MDPH Vaccine Unit

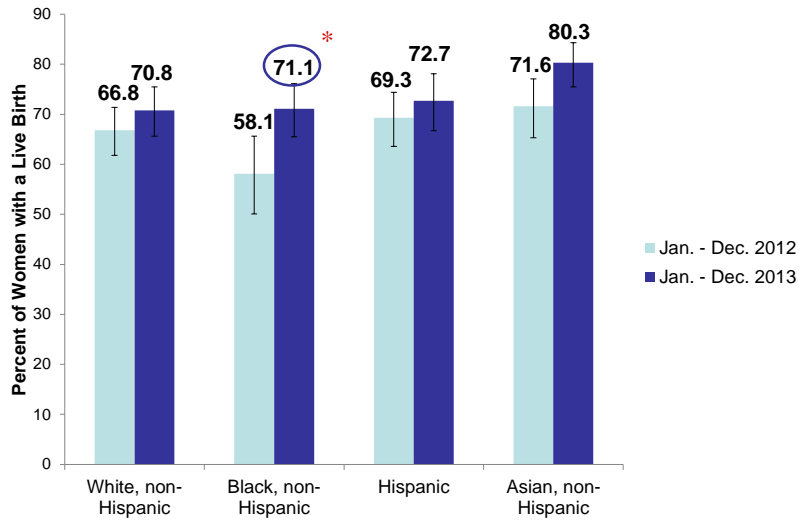
- **Phone:** 617-983-6828
- **Fax:** 617-983-6924
- **Email:** dph-vaccine-management@state.ma.us
- **Website:** www.mass.gov/dph/imm (click on Vaccine Management)





EXTRAS

Influenza Vaccination by Race/Ethnicity, MA Pregnant Women, 2012 vs. 2013



Source: MA PRAMS

*Statistically significant

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Seasonal Influenza Vaccination Rates, MA and US, ≥ 6 months of age, by Race/Ethnicity, 2014-2015 Season

	MA (n=11,895)	US (n=451,358)	MA Ranking
	% (CI)	% (CI)	
White	55% (± 3)	49% (± 0.5)	4
Black	56% (± 10)	44% (± 1.3)	9
Hispanic	58% (± 7.5)	44% (± 1.3)	7
Other	50% (± 8.4)	48% (± 1.7)	20

Source: 2014-15 NIS-Flu and BRFSS, as analyzed by CDC

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Pneumococcal Vaccination Rates, MA and US Adults 65+ years of age, by Race/Ethnicity, 2014

	MA (n=4,977) ¹	US (n=7,748) ²
	% (CI)	% (CI)
White	73% (±2)	65% (±1.6)
Black	67% (±11)	50% (±4.4)
Hispanic	59% (±14.6)	45% (±4.4)

Source: ¹MA BRFSS, ²NHIS

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