

## PRIORITY: VACCINE PREVENTABLE DISEASES

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### GOAL 1: Prevent infectious diseases.

#### Current Situation

The percentage of children 19-35 months of age who are fully immunized has improved from 70% in 2010 to 74% in 2014. This is still much lower than the 90% target. Vaccine hesitancy and delayed immunization schedules are an issue in this community and the school vaccine waiver rate is at 9%.

#### Alignment with State or National Initiatives

Vaccination rate in young children is a leading health indicator at the national level.<sup>1</sup>

#### Source/Evidence Base

The Community Preventive Task Force recommends client reminder (vaccines due) and recall (vaccines late) interventions based on strong evidence of effectiveness in improving vaccination coverage. Review of 20 studies from 1997 to 2007 showed a median absolute increase of 6.1 percentage points in vaccine rates.

The Community Preventive Task Force recommends vaccine provider assessment and feedback based on strong evidence of effectiveness in improving vaccination coverage. Review of 19 studies from 1997 to 2007 showed a median absolute increase of 9.4 percentage points in vaccine rates.<sup>2</sup>

#### Policy Component

Yes, establish a community-wide standard for vaccine declination.

<b>Objective:</b>				
<b>Increase the proportion of children 19 – 35 months who are fully immunized from 70% to 90%.</b>				
<b>Outcome Indicator</b>	<b>2010 Baseline</b>	<b>2014 Update</b>	<b>2020 Target</b>	<b>Data Source</b>
<b>Increase the proportion of children 19 – 35 months who are fully immunized</b>	70%	74%	90%	Michigan Care Improvement Registry

<b>Action Plan:</b>				
<b>Program Activities Interventions</b>	<b>Baseline</b>	<b>Person/Group Responsible</b>	<b>Timeline</b>	<b>Performance Indicator</b>
<b>Participate on and provide technical assistance to Washtenaw Immunization Action Coalition (WIAC).</b>	Ongoing	Washtenaw County Public Health and all Washtenaw Immunization Action Coalition members	2014 - 2018	# meetings per year (aim for 4), # meeting agendas, # minutes, workplan, # department updates with information from the WIAC meetings included (aim for 4)
<b>Send parent reminder/recall for child's vaccine.</b>	Ongoing	Washtenaw County Public Health and Providers	2014 - 2018	# of reminders sent, % of the children receiving vaccinations within 2 months of the recall notice (target 50%)
<b>Deliver provider assessment and feedback through completing Vaccines For Children site visits and preparing and distributing Immunization Report Cards to clinics.</b>	Ongoing	Washtenaw County Public Health	2014 - 2018	#VFC site visits completed (minimum of 17), # providers needing vaccine removal due to non-compliance issues (target 0), # and dates immunization report cards disseminated (aim twice per year)
<b>Schedule waiver appointments for families who have declined immunizations as per the Washtenaw County Public Health protocol.</b>	<i>New</i>	Washtenaw County Public Health	2015 - 2018	Protocol written, # families declining immunizations, # appointments scheduled, # appointments completed, # waivers post appointments

## GOAL 2: Prevent influenza hospitalization and death.

### Current Situation

Influenza vaccine rates are increasing but certain segments of the population have lower rates. Increasing the vaccine rates in all groups, especially children and young adults, helps protect the whole community. In 2013, Washtenaw County ranked first among all Michigan counties for flu vaccination of children aged 6 months to 17 years and 11<sup>th</sup> for residents aged 18 years and older.

### Alignment with State or National Initiatives

Flu vaccine is recommended for everyone six months and older. A strong recommendation from a health care provider is associated with increased uptake of vaccines, according to the Centers for Disease Control and Prevention.

### Source/Evidence Base

The Community Preventive Task Force recommends vaccine provider assessment and feedback based on strong evidence of effectiveness in improving vaccination coverage. Review of 19 studies from 1997 to 2007 showed a median absolute increase of nine percentage points in vaccine rates.<sup>3</sup>

### Policy Component

Yes, promote flu vaccine policies for long-term care facility staff.

<b>Objectives:</b>				
<ul style="list-style-type: none"> <li>• Increase the annual influenza vaccination rate in children 6-59 months from 65% to 90%.</li> <li>• Increase the annual influenza vaccination rate in adults 18 years and older from 50% to 80%.</li> </ul>				
Outcome Indicator	2010 Baseline	2014 Update	2020 Target	Data Sources
Increase the annual influenza vaccination rate in children 6-59 months.	65%	70%	90%	Michigan Care Improvement Registry
Increase the annual influenza vaccination rate in adults 18 years and older.	50%	n/a*	80%	HIP Survey

\*No new HIP Survey data available. Next survey scheduled for 2015; data will be available 2016.

<b>Action Plan:</b>				
Program Activities	Baseline	Person/Group Responsible	Timeline	Performance Indicator
Participate and provide technical assistance to Washtenaw Immunization Action Coalition	Ongoing	Washtenaw County Public Health and all Washtenaw Immunization Action Coalition members	2014-2018	# meetings per year (aim for 4), # meeting agendas, # minutes, workplan, # department updates with information from the WIAC meetings included (aim for 4)
Promote MCIR for tracking adult vaccines	Ongoing	Washtenaw Immunization Action Coalition	2014-2018	# Adult Vaccine doses in MCIR (increase by 10% over baseline)
Provider assessment and feedback by completing Vaccines For Children site visits.	Ongoing	WCPH	2014-2018	# VFC site visits completed (minimum of 17)
Promote flu vaccine policies for long-term care staff	Ongoing	WCPH	2015	# facilities with policies (will increase by 10%)

**Data Sources:**

<sup>1</sup> Healthy People 2020. <http://www.healthypeople.gov/2020/topicsobjectives2020/objectiveslist.aspx?topicId=23>

<sup>2</sup> <http://www.thecommunityguide.org/vaccines/index.html>

<sup>3</sup> <http://www.thecommunityguide.org/vaccines/index.html>