

Healthy People 2020 Update: Influenza Vaccination

National Influenza Summit

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Outline

- Overview Healthy People
- Influenza goals and targets
- Considerations and future steps



Healthy People overview

- Comprehensive set of national ten-year health objectives
- Increasing number of objectives since 1990
 - 226 (1990); 312 (2000); 467 (2010)
- Only 6% of targets (thus far) met for HP2010
- Vaccination coverage targets HP2010
 - 13 targets met or exceeded
 - 16 not met (all 8 adult, 6 children, 2 adolescent)
 - 10 require data for assessment
- HP2020 – official launch Fall 2010



Changes for Healthy People 2020

- Web accessible database vs print
- Wider range key users vs public health community
- Include implementation strategies & tools to reach target
- Targets should be achievable without assuming any new medical or scientific breakthroughs
 - Default for target setting – 10% above baseline



HP 2010 Obj & Targets - Flu



- 6-23 m (1 dose) – developmental
- >65 yrs – Target 90%
- <65 yr hi risk – Target 60%
- Institutionalized >18 yrs – Target 90%
- Health care workers – Target 60%

Data source: NHIS for all adults except institutionalized (NNHS); NIS for 6-23 m olds



HP2020 - Flu (proposed)

| Objective | Data source | Baseline | Target |
|-------------------------------------|-------------|-------------------|------------|
| 6-23 m | NIS | 23% (2008) | 80% |
| 2-4 yrs | NHIS | 40% (2008) | 80% |
| 5-12 yrs | NHIS | 25% (2008) | 80% |
| 13-17 yrs | NIS-teen | 10% (2008) | 80% |
| 18-64 yrs all | NHIS | 25% (2008) | 80% |
| 18-64 yr hi risk | NHIS | 39% (2008) | 90% |
| >65 yrs | NHIS | 67% (2008) | 90% |
| >18 yrs institutionalized | MDS | 62% (2006) | 90% |
| HCP | NHIS | 45% (2008) | 90% |
| Pregnant women | NHIS | 28% (2008) | 80% |

Note: 1-2 doses measured for 6-23 m; all other groups 1 dose



HP2020 – flu data collection

- 3 data sources used depending on population (NIS, NHIS, MDS)
- MDS = Minimum Data Set
 - All residents in NHs certified by CMS
- NHIS based on recall; NIS and MDS based on medical record review
- Child 2-4 & 5-12 yrs based on 1 dose flu
- State-level data same as nat'l except:
 - BRFSS for 18-64 and >65 yrs
 - BRFSS and PRAMS for pregnant women



Health Care Personnel - Influenza Vaccination

- Target increased from 60% to 90%
- Measurement for HP2010 based on persons reporting selected health-care-related occupations
- Measurement for HP2020 will be based on persons reporting that they work or volunteer in health care facility
 - Includes hospital, medical clinic, doctor's office, dentist's office, nursing home, or other health care facility
 - Not based on direct patient care
- Past data has shown differences in rates by type of facility (higher in hospitals; lower in NHs)



Pregnant Women - Influenza Vaccination

- New objective for HP2020 – Target 80%
- Pregnant women – long standing ACIP rec
- Pandemic flu highlighted vulnerability of pregnant women
- In addition to protecting individual, recent studies have found that vaccinating pregnant or postpartum women protects infants



Reaching our Flu Targets

- Some might be considered aspirational
- Strategies and initiatives discussed at this meeting will play important role in reaching targets
 - Wider dissemination of school-located vaccination (SLV)
 - Initiatives to improve HCP vaccination
 - Simplified universal flu recommendation for everyone >6 months
 - Expanding network of ‘vaccinators’ (e.g., Ob Gyns)
 - Federal efforts to address vaccine financing challenges



Future Steps

- Objectives and Targets getting final review by Federal Interagency Workgroup and HHS
- Approval in upcoming months
- Operational definitions and baseline data templates currently being compiled
- Official launch HP2020 in Fall 2010



Disclosure Information

The findings and conclusions are those of the authors and do not necessarily represent the views of the CDC



Questions?

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Achievement of past HP objectives

| Data source | No. objectives | Achieved target | Progressed toward target | Showed no progress or regressed | Data unavailable |
|---------------------|----------------|-----------------|--------------------------|---------------------------------|------------------|
| 1990 Health Obj | 226 | 32% | 34% | 11% | 23% |
| HP 2000 | 319 | 21% | 41% | 17% | 10% |
| HP 2010 (midcourse) | 467 | 6% | 30% | 16% | 40% * |

* This % includes 28 deleted obj, as well as 158 obj that could not be assessed due to lack data

