

Appendix 1: Healthy People 2020 Immunization-related Objectives

Healthy People provides science-based, 10-year national objectives for improving the health of all Americans. For three decades, Healthy People has established benchmarks and monitored progress over time in order to:

- Encourage collaborations across sectors.
- Guide individuals toward making informed health decisions.
- Measure the impact of prevention activities.

Healthy People 2020 objectives were released in 2010, with a 10-year horizon to achieve the goals by 2020.

The 2010 National Vaccine Plan was developed with Healthy People objectives in mind. Healthy People 2020 objectives include targets for reducing vaccine-preventable disease rates and increasing vaccine coverage in all age groups – among children, adolescents, and adults. They also provide goals for the use of health information technology to track immunization status and improvement of knowledge on vaccine safety and adverse events, which align with the 2010 National Vaccine Plan's goals.

The objectives below come from the Healthy People 2020 chapter on Immunization and Infectious Diseases (IID). Only objectives directly related to immunization and vaccination are included here. The full IID chapter can be referenced online at <http://www.healthypeople.gov/2020/topicsobjectives2020/overview.aspx?topicid=23>.

Objective IID-1: Reduce, eliminate, or maintain elimination of cases of vaccine preventable diseases.

- **Sub-objective IID-1.1:** Congenital Rubella Syndrome (CRS) (children less than one year of age) (U.S.-acquired cases).
- **Sub-objective IID-1.2:** Serotype b cases of *Haemophilus influenzae* (Hib) invasive disease (children aged 5 years and under).
- **Sub-objective IID-1.3:** New hepatitis B cases (persons aged 2 to 18 years).
- **Sub-objective IID-1.4:** Measles (U.S.-acquired cases).
- **Sub-objective IID-1.5:** Mumps (U.S.-acquired cases).
- **Sub-objective IID-1.6:** Pertussis (children under age 1 year).
- **Sub-objective IID-1.7:** Pertussis among adolescents aged 11 to 18 years.

- **Sub-objective IID-1.8:** Acute paralytic poliomyelitis (U.S.-acquired cases).
- **Sub-objective IID-1.9:** Rubella (U.S.-acquired cases).
- **Sub-objective IID-1.10:** Varicella (chicken pox) (persons aged 17 years of age or under).

Objective IID-2: Reduce early onset group B streptococcal disease.

Objective IID-3: Reduce meningococcal disease.

Objective IID-4: Reduce invasive pneumococcal infections.

Objective IID-7: Achieve and maintain effective vaccination coverage levels for universally recommended vaccines among young children.

- **Sub-objective IID-7.1:** 4 doses of diphtheria-tetanus-acellular pertussis (DTaP) vaccine by age 19 to 35 months
- **Sub-objective IID-7.2:** 3 doses *Haemophilus influenzae* (Hib) vaccine by age 19 to 35 months
- **Sub-objective IID-7.3:** 3 doses hepatitis B (hep B) vaccine by age 19 to 35 months
- **Sub-objective IID-7.4:** 1 dose measles-mumps-rubella (MMR) vaccine by age 19 to 35 months
- **Sub-objective IID-7.5:** 3 doses polio vaccine by age 19 to 35 months
- **Sub-objective IID-7.6:** 1 dose varicella vaccine by age 19 to 35 months
- **Sub-objective IID-7.7:** 4 doses pneumococcal conjugate vaccine (PCV) by age 19 to 35 months
- **Sub-objective IID-7.8:** 2 doses hepatitis A vaccine by age 19 to 35 months
- **Sub-objective IID-7.9:** A birth dose of hepatitis B vaccine (0 to 3 days between birth date and date of vaccination, reported by annual birth cohort)
- **Sub-objective IID-7.10:** 2 or more doses rotavirus vaccine by age 19 to 35 months

Objective IID-8: Increase the proportion of children aged 19 to 35 months who receive the recommended doses of DTaP, polio, MMR, Hib, hepatitis B, varicella and PCV vaccines.

Objective IID-9: Proportion of children in the United States who receive zero doses of recommended vaccines by 19 to 35 months. (Being tracked for informational purposes – a target may be set during the decade.)

Objective IID-10: Maintain vaccination coverage levels for children in kindergarten.

- **Sub-objective IID-10.1:** DTaP vaccine (4 or more doses)
- **Sub-objective IID-10.2:** MMR vaccine (2 or more doses)
- **Sub-objective IID-10.3:** Polio vaccine (3 or more doses)
- **Sub-objective IID-10.4:** Hepatitis B vaccine (3 or more doses)
- **Sub-objective IID-10.5:** Varicella vaccine (2 or more doses)

Objective IID-11: Increase routine vaccination coverage levels for adolescents.

- **Sub-objective IID-11.1:** 1 dose of tetanus-diphtheria-acellular pertussis (Tdap) booster vaccine by 13 to 15 years
- **Sub-objective IID-11.2:** 2 doses of varicella vaccine by age 13 to 15 years (excluding children who have had varicella)
- **Sub-objective IID-11.3:** 1 dose Meningococcal vaccine (MCV) by age 13 to 15 years
- **Sub-objective IID-11.4:** 3 doses Human papillomavirus vaccine (HPV) for females by age 13 to 15 years

Objective IID-12: Increase the proportion of children and adults who are vaccinated annually against seasonal influenza.

- **Sub-objective IID-12.1:** Children aged 6 to 23 months (1 or 2 doses, depending on age-appropriateness and previous doses received)
- **Sub-objective IID-12.2:** Children aged 2 to 4 years
- **Sub-objective IID-12.3:** Children aged 5 to 12 years
- **Sub-objective IID-12.4:** Children aged 13 to 17 years
- **Sub-objective IID-12.5:** Noninstitutionalized adults aged 18 to 64 years
- **Sub-objective IID-12.6:** Noninstitutionalized high-risk adults aged 18 to 64 years

- **Sub-objective IID-12.7:** Noninstitutionalized adults aged 65 years and older
- **Sub-objective IID-12.8:** Institutionalized adults aged 18 years and older in long-term or nursing homes
- **Sub-objective IID-12.9:** Health care personnel
- **Sub-objective IID-12.10:** Pregnant women

Objective IID-13: Increase the percentage of adults who are vaccinated against pneumococcal disease.

- **Sub-objective IID-13.1:** Noninstitutionalized adults aged 65 years and older
- **Sub-objective IID-13.2:** Noninstitutionalized high-risk adults aged 18 to 64 years
- **Sub-objective IID-13.3:** Institutionalized adults (persons aged 18 years and older in long-term or nursing homes)

Objective IID-14: Increase the percentage of adults who are vaccinated against zoster (shingles).

Objective IID-15: Increase hepatitis B vaccine coverage among high-risk populations.

- **Sub-objective IID-15.1:** (Developmental) Long-term hemodialysis patients
- **Sub-objective IID-15.2:** (Developmental) Men who have sex with men
- **Sub-objective IID-15.3:** Health care personnel
- **Sub-objective IID-15.4:** (Developmental) Injection drug users

Objective IID-16: (Developmental) Increase the scientific knowledge of vaccine safety and adverse events.

Objective IID-17: Increase the proportion of providers who have had vaccination coverage levels among children in their practice population measured within the past year.

- **Sub-objective IID-17.1:** Public health providers
- **Sub-objective IID-17.2:** Private providers

Objective IID-18: Increase the proportion of children under age 6 years of age whose immunization records are in fully operational, population-based immunization information systems.

Objective IID-19: Increase the number of states collecting kindergarten vaccination coverage data according to CDC minimum standards.

Objective IID-20: Increase the number of states that have 80 percent of adolescents with two or more age-appropriate immunizations recorded in immunization information systems (adolescents aged 11 to 18 years).

Objective IID-23: Reduce hepatitis A

Objective IID-24: Reduce chronic hepatitis B infections in infants and young children (perinatal infections)

Objective IID-25: Reduce hepatitis B

- **Sub-objective IID-25.1:** Reduce new hepatitis B infections in adults aged 19 and older
- **Sub-objective IID-25.2:** Reduce new hepatitis B infections among high-risk populations-Injection drug users
- **Sub-objective IID-25.3:** Reduce new hepatitis B infections among high-risk populations-Men who have sex with men