Immunization

Phone: 1-800-831-6293
www.idph.state.ia.us/ImmTB/Immunization.aspx

Promoting & Protecting the Health of Iowans

IDPH Iowa Department of Public Health

In the 1950s, 7,813 Iowans were infected with polio, many needing braces, crutches, wheelchairs, and iron lungs. In 2012, there were no cases of polio in Iowa. Why such a dramatic decline? The polio vaccine. During the 1960s, more than 35,000 Iowans got rubella (German measles). Vaccines have changed the world we live in by providing protection against harmful diseases and, in some cases, eliminating them altogether. According to the Morbidity and Mortality Weekly Report, the Institute of Medicine, and the Centers for Disease Control, vaccines are one of the most successful public health advances in the last century.

The Iowa Immunization program's goal is to reduce and ultimately eliminate the occurrence of vaccine-preventable diseases. Working with public and private healthcare providers, the program works to increase and maintain the number of Iowans who are properly vaccinated.

Vaccines help prevent the spread of disease and the IDPH Immunization program provides the resources to do just that.

Did you know?

Vaccine-preventable diseases still threaten the health of Iowans. In 2012, 1,736 cases of pertussis were reported, which is a 344% increase in activity from the previous three-year average. Seventy percent of 2012 cases occurred in children 0 to 14 years (CADE 2012 Annual Report).

Why is the Immunization program important to promoting and protecting the health of Iowans?

- Vaccines are responsible for the control of many infectious diseases once common in the U.S., including polio, measles, diphtheria, whooping cough, rubella, mumps, tetanus, and Haemophilus influenzae type b (Hib).
- Vaccines help prevent infectious diseases and save lives, giving Iowans the opportunity to live healthy in healthy communities.
- Immunizations have contributed to our increased life expectancy.
- Immunizations save money! Each year, routine immunizations save more than $40 billion in costs to society.

Which Iowa Public Health Goals are we working to achieve?

Prevent epidemics & the spread of disease

Strengthen the public health infrastructure

Prepare for, respond to, & recover from public health emergencies

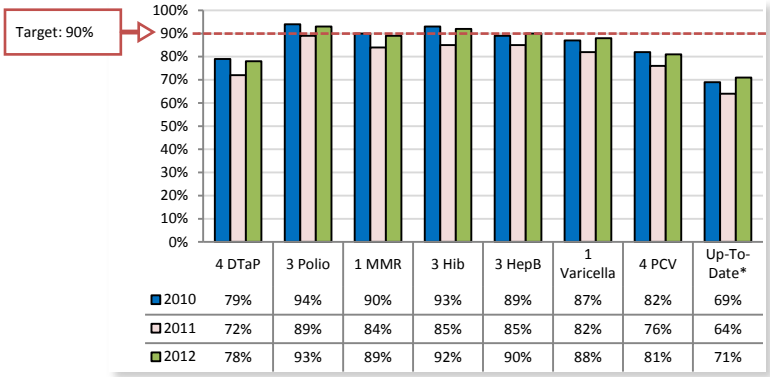
Promote healthy behaviors

What do we do?

- Purchase and distribute vaccine to public and private health care providers through the Vaccines for Children (VFC) program. About 759,097 Iowans ages 18 and younger are eligible for the program because they are Medicaid eligible, uninsured, underinsured, or are American Indian or Alaskan natives.
- Provide education about vaccine-preventable diseases and the benefits of immunization.
- Provide funding to local public health agencies to conduct immunization clinics and outreach clinics.
- Manage the statewide Immunization Registry Information System (IRIS), which keeps immunization records for all Iowans, helping to prevent individuals from being under and over immunized.

How do we measure our progress?

❶ Percent of Iowa 2-year-olds covered by individual vaccines and up-to-date* overall.

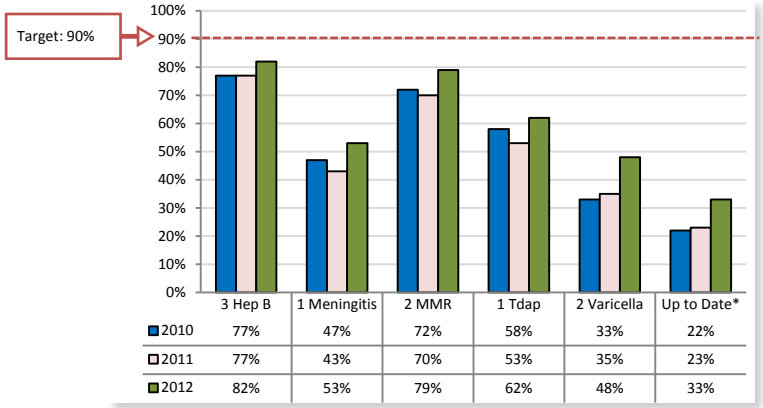


	4 DTaP	3 Polio	1 MMR	3 Hib	3 HepB	1 Varicella	4 PCV	Up-To-Date*
2010	79%	94%	90%	93%	89%	87%	82%	69%
2011	72%	89%	84%	85%	85%	82%	76%	64%
2012	78%	93%	89%	92%	90%	88%	81%	71%

Data Source: Immunization Registry Information System, 2010, 2011 &2012 County Immunization Assessments. Data are available annually.
* Up-To-Date are children who have completed each individual vaccine series (4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 Hep B, 1 Varicella, & 4 PCV) by 24 months of age.

How are we doing? Immunization rates in Iowa are consistent with national averages for vaccine rates. The goal is to reach 90% coverage for each set of vaccines.

❷ Percent of Iowa adolescents covered by individual vaccines and up-to-date* overall.

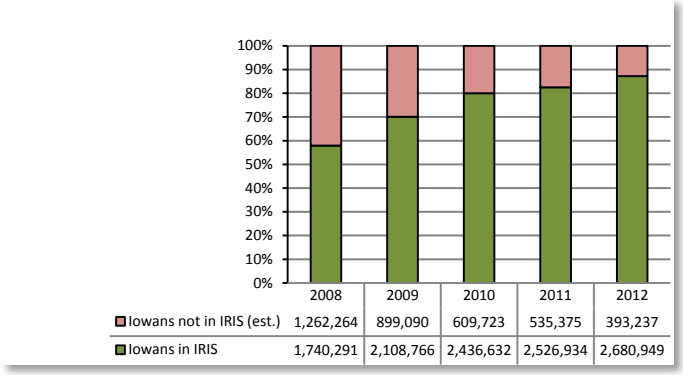


	3 Hep B	1 Meningitis	2 MMR	1 Tdap	2 Varicella	Up to Date*
2010	77%	47%	72%	58%	33%	22%
2011	77%	43%	70%	53%	35%	23%
2012	82%	53%	79%	62%	48%	33%

Data Source: Immunization Registry Information System, 2010, 2011 & 2012 County Immunization Assessments. Data are available annually.
* Up-To-Date are adolescents (13-15 years old) who have completed each individual vaccine series (3 Hep B, 1 Meningitis, 2 MMR, 1 Tdap, 2 Varicella)

How are we doing? Adolescent immunization rates in Iowa are consistent with the national average for vaccine rates. The goal is to use data on vaccination coverage to identify groups at risk of vaccine-preventable diseases, to provide vaccination coverage estimates in an effort to increase coverage, and to evaluate the effectiveness of programs designed to increase coverage.

❸ Number of unduplicated patients in the Immunization Registry Information System (IRIS).



	2008	2009	2010	2011	2012
Iowans not in IRIS (est.)	1,262,264	899,090	609,723	535,375	393,237
Iowans in IRIS	1,740,291	2,108,766	2,436,632	2,526,934	2,680,949

Data Source: Immunization Registry Information System Data. Data are available annually.

How are we doing? The number of patients in IRIS has steadily increased, and nearly all Iowans have a record in IRIS. More than 154,000 patient records were added in 2012, and IRIS contains nearly 24 million immunizations. IRIS includes records consisting of two or more immunizations for 93 percent of Iowa's children 4 months to 6 years of age. This increase helps to reduce vaccine-preventable diseases, over vaccination, and allows health care providers to see up-to-date information when they need it most.

What can Iowans do to help?

1. Keep track of and maintain immunization schedules for you and your children. For a handy immunization card, go to www.idph.state.ia.us/ImmTB/Immunization.aspx.
2. Healthcare professionals can promote the need for and the benefits of immunization.
3. Healthcare professionals should routinely give immunizations according to the recommended childhood, adolescent, and adult schedules.
4. Healthcare professionals can attend immunization educational seminars and trainings.
5. All Iowans can encourage their family, neighbors, coworkers, and friends to maintain immunization coverage.

Expenditures

General fund, federal funds, and intrastate receipts*: K09-0961; K15-1521; 0153-522/1526/AR06/AR08.

	State Fiscal Year 2012 Actual	State Fiscal Year 2013 Actual	State Fiscal Year 2014 Estimate
State funds	$593,038	$591,996	$588,327
Federal funds	$3,525,785	$4,818,371	$5,820,789
Other funds*	$0	$0	$178,451
Total funds	**$4,118,823**	**$5,410,368**	**$6,587,567**
FTEs	15.13	14.99	14.85

Note: Funding information is intended to provide an overview of funding related to the program area. It does not include all federal and state requirements and/or restrictions for the use of funds. Contact the program area for more detailed budget information.