



## Summary of Vaccine Preventable Diseases Reported to the Michigan Department of Community Health, 2004

This is a summary of reported cases of selected vaccine-preventable diseases in Michigan in 2004. Totals for 2003 are provided for comparison in Table 1 (see last page).

**Congenital Rubella** - No cases of congenital rubella were reported in 2004.

**Diphtheria** - No cases of diphtheria were reported in 2004.

***Haemophilus influenzae* invasive disease** – Twenty-two cases of invasive *H. influenzae* disease were reported to the Michigan Department of Community Health (MDCH). Seven were under 5 years of age, of which 1 was identified as due to serotype b.

**Measles** – No cases of measles were reported in the state in 2004.

**Mumps** – Two cases of mumps were reported in 2004. One was a 40 year-old male maintenance worker in a hospital with an uncertain immunization history and no known source of exposure. The other was a 15 year old female with a documented history of 2 MMR doses.

**Pertussis** – In 2004, 303 cases of pertussis were reported to MDCH. This represented an increase of 116% over the 140 cases reported in 2003. The largest proportion of reported cases were in the 0-2 year agegroup (36%). Ten-to-nineteen year olds accounted for 16% of cases, and adults (twenty years of age and older) accounted for approximately 25% of cases. The sizeable increase in reported cases in 2004 mirrored an increase in reported incidence seen throughout the country. Among reported cases, there were more females than males (gender ration 1.4:1).

**Rubella** - No cases of rubella were reported in Michigan in 2004.

**Tetanus** - No cases of tetanus were reported in Michigan in 2004.

**Varicella** - Surveillance for varicella in Michigan primarily consists of reports of weekly aggregate case counts from schools and child-care programs. In 2004, 4,240 cases were reported, a slight increase (1.6%) over the 4,171 cases reported in 2003.

Table 1 - Number of reported cases of selected vaccine preventable diseases, Michigan, 2004 and 2003.

Disease	Total Cases 2004	Total Cases 2003
Congenital Rubella	0	0
Diphtheria	0	0
<i>H. influenzae</i> invasive	22	25
Hepatitis B	250	223
Measles	0	2
Mumps	2	8
Pertussis	303	140
Poliomyelitis	0	0
Rubella	0	0
Tetanus	0	0
Varicella	4,240	4,171