

### MEASURE

Percentage of Montcalm County children age 19 to 35 months known to have complete 4.3.1.3.3.1 vaccination series and registered in the Michigan Care Improvement Registry (MCIR). The total vaccines of the series are 4 doses DTP, 3 doses polio, 1 dose MMR, 3 doses H. influenza type b, 3 doses hepatitis B, and 1 dose Varicella.

### WHY IS THIS INDICATOR IMPORTANT?

Getting children immunized is an easy and proven way to prevent serious and potentially deadly illnesses such as hepatitis B, influenza, measles and meningitis. Immunizations are one of the most basic and important safeguards against illness for both the individual and community. Healthy People 2010 has made immunizations one of the 10 leading health indicators. The Michigan Dept. of Community Health (MDCH) identifies 3 major barriers to childhood immunization: low public awareness of the importance of vaccination, inadequate access to immunization services, and missed opportunities to administer vaccines.

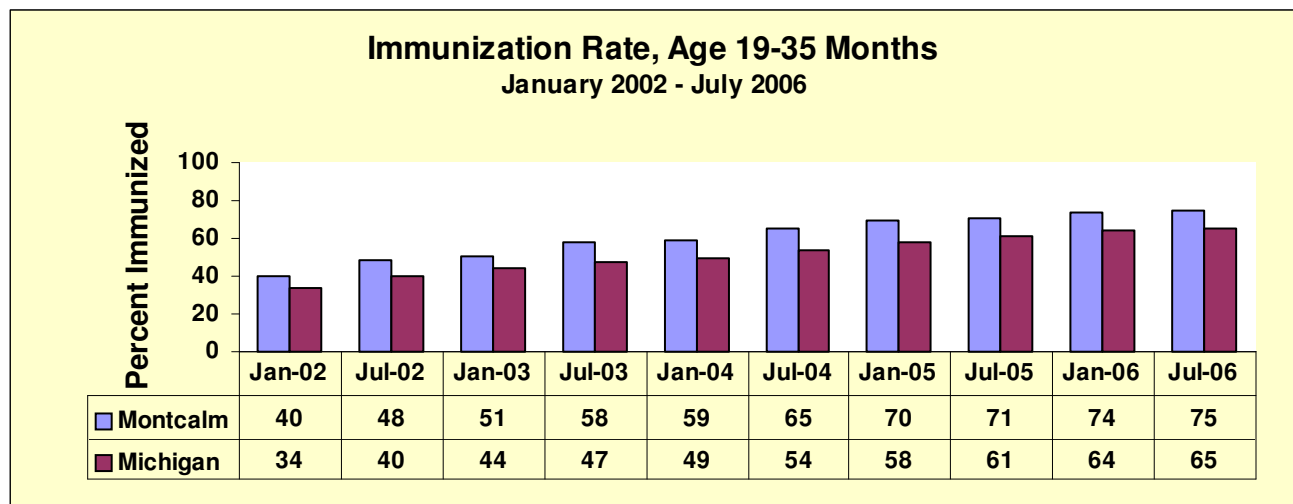
### HOW WELL IS THE MONTCALM COMMUNITY DOING?

In 1994, the Centers for Disease Control and Prevention ranked Michigan last in the nation regarding vaccination coverage among children. Considerable progress has been made in the state over the last ten years, including the development of the MCIR. Renewed focus and energy on tracking child immunizations electronically has led to substantial improvement throughout the state. As the chart below indicates, Montcalm County has increased the proportion of children age 19-35 months registered in the MCIR with complete vaccination coverage from 40% in January 2002 to 75% in July 2006. The County has consistently maintained a higher percentage of vaccinated children registered in MCIR than the State during this period.

### GOAL FOR MONTCALM COUNTY

To follow the HP2010 vaccination coverage goals for children aged 19-35 months, to be achieved by the end of this decade. These include 90% coverage for each of the vaccines in the 4.3.1.3.3.1 series. These rates have been determined for states in the past using the National Immunization Survey. County-level and State results for this report are based on the MCIR.

**Michigan Care Improvement Registry (MCIR):** An electronic statewide child immunization registry initially funded in 1997 through the State of Michigan, CDC and Robert Wood Johnson Foundation. It is operated by the MDCH and maintains an immunization history on children between birth and 20 years of age. All health care providers in Michigan providing immunization services to a child are required to report each immunization to the registry. Additional information about MCIR can be found on the MDCH website at [www.michigan.gov/mdch](http://www.michigan.gov/mdch).



NOTE: Data for the 4.3.1.3.3.1 vaccination series began being tracked electronically in 2002 when the Varicella vaccine became a mandatory component of the MCIR database. SOURCE: Michigan Care Improvement Registry, 2007.