

HEALTHY FAMILY & SOCIAL RELATIONSHIPS

CHILD HEALTH

GOAL: All children in Calhoun County will have access to health services

CHILDHOOD IMMUNIZATIONS: Vaccination has resulted in significant reductions in both morbidity and mortality from childhood diseases. The Michigan Care Improvement Registry tracks vaccination coverage of Michigan residents throughout their lifespan, beginning in childhood. Calhoun County continues to see increases in childhood vaccination coverage, and coverage remains higher than both the state and nation. The childhood immunization coverage goal set

PERCENT IMMUNIZATION COVERAGE FOR 19 TO 35 MONTH OLDS: SEPTEMBER 2016^{i, ii}

	Calhoun County	Michigan	U.S.
4313314 Coverage[†]	83.3%	75.2%	72.2%

by Health People 2020 is 80.0%, which Calhoun County has surpassed with 83.3% coverage.ⁱ

[†] 4313314: 4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 HepB, 1 Varicella, 4 PCV

PREVENTABLE ASTHMA HOSPITALIZATIONS AND RATES: 2009-2013 AVERAGE AND 2014^{i, iii}

Age	Hospitalizations		Rate per 10,000 Population	
	Average Annual Number 2009-2013	2014	Average Annual Rate 2009-2013	2014
Under Age 18	27	24	8.0	7.7
Age 18-44 Years	34	25	7.4	5.6
Age 45-64 Years	31	17	8.2	4.6
Age 65+ Years	27	17	13.7	7.7

ASTHMA: Calhoun County experienced much lower annual average rates of preventable asthma hospitalizations among all age groups from 2009-2013, when compared to the state of Michigan. In 2014, Calhoun County also saw much a lower rate in each of the age groups when compared to the state.ⁱ

CHILDREN TESTED FOR LEAD: CALHOON COUNTY: 2014^{i, iv, v}

Age	Number Tested	Percent Tested	Venous BLL ≥ 5 ug/dL	BLL ≥ 5 ug/dL Venous & Capillary
Under Age 6	2,390	23.5%	2.7%	4.2%
Ages 1 and 2	1,317	39.1%	3.2%	4.6%

LEAD TESTING: Lead Poisoning can occur from lead-based paint and lead-contaminated dust. Houses built before 1978 are likely to contain lead-based paint.

No safe blood lead level in children has been recognized. Even low levels of lead in the blood may affect IQ, ability to pay attention and academic achievement. The effects of lead exposure are irreversible. Children under the age 6 are at high risk, along with children living at or below the poverty line who commonly live in older housing. Children of certain racial and ethnic groups are also disproportionately affected by lead. A higher percentage of children under the age 6 (as well as children ages 1 or 2) were tested in 2014, compared to years past. In 2014, Calhoun County children under age 6 (and ages 1 or 2) saw higher percentages of blood lead levels greater than or equal to 5ug/dL.ⁱ

ⁱ Calhoun County Health Department, 2016.

ⁱⁱ Michigan Department of Health and Human Services. 2016. Community Immunization Report Card. Retrieved from http://www.michigan.gov/documents/mdch/Calhoun_447410_7.pdf

ⁱⁱⁱ Michigan Resident Inpatient Files created by the Division for Vital Records and Health Statistics, Michigan Department of Health & Human Services, using data from the Michigan Inpatient Database obtained with permission from the Michigan Health & Hospital Association Service Corporation (MHASC). Last Updated 4/07/2016.

^{iv} Centers for Disease Control and Prevention. 2014. Lead Prevention Tips. Retrieved from <https://www.cdc.gov/nceh/lead/tips.htm>

