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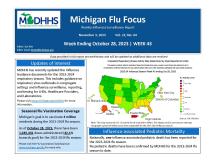
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Influenza and RSV Vaccines

With Fall and Winter Respiratory season In August, the ACIP recommended the use surveillance and other news regarding monoclonal antibody, for all infants less influenza activity across the nation as well subscribing to the MI Flu Focus influenza surveillance report.



Everyone 6 months of age and older should receive a seasonal influenza vaccine every year. All vaccines are now quadrivalent. Persons 65 years and older may preferentially receive either a high dose flu vaccine or the adjuvanted flu vaccine that may provide enhanced protection against influenza.

and older, approved for use based on shared clinical decision making, are now available at many pharmacies as well as at the health department offices.

vpd/rsv/

upon us, providers can stay up to date with of Beyfortus (Nirsevimab), a long acting than 8 months entering their first RSV as regional reports from Michigan by season and high risk infants 8-19 months entering their first or second RSV season. Administration should be shortly before the season begins or anytime during the season, generally from October through end of March. As a vaccine (granted a passive immunization) it is included in the Vaccine for Children Program and should be covered by insurers similarly to other recommended vaccines. Unfortunately, due to limited supply the CDC issued a health advisory with updated guidance on use.

> In September, the ACIP recommended the Pfizer RSV Vaccine, Abrysvo, as a one-time dose given seasonally September to January to pregnant women who are at 32-26 weeks gestation to reduce the risk of RSV disease in their newborn infants.

More information on RSV Vaccines can be In addition, RSV Vaccines for adults 60 years found at <u>https://www.cdc.gov/vaccines/</u>

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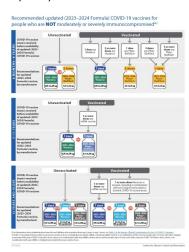


Covid-19 Vaccine (2023-2024 Formula)

bivalent vaccine were given (immunocompromised persons live, visit, or work with who are at increased risk of severe may receive further doses). The updated Vaccine is available as an mRNA vaccine from both Pfizer and Moderna, as well as an adjuvanted protein-based vaccine from Novavax.

Vaccine Effectiveness studies suggest that additional booster doses decreased the risk of moderate to severe covid disease as well as decreasing the risk of post covid conditions including "long covid". Those most at risk and most likely to benefit from the updated vaccine are the elderly, immune suppressed, pregnant women, and those with multiple comorbidities that increase their risk of moderate to severe covid disease. In general, the highest current rates of hospitalizations from Covid-19 are in those over 75 years of age and infants under 6 months of age (immunizing pregnant women can reduce the risk of covid associated hospitalization in infants<6 months).

An Updated 2023-2024 Covid-19 Vaccine is also widely Healthy children and adults who have previously been available and can be given to anyone 6 months of age and vaccinated are at lower (and low) risk of severe disease, but older. The updated vaccine is monovalent and for persons 5 still have risk of infection, long covid syndromes, and MIS-C. years and older only a single dose is needed regardless of Furthermore, individuals and families may wish to get how many, if any, previous doses of the original vaccines or vaccinated to decrease the risk of infecting those they may



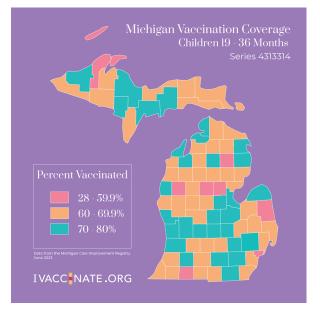
disease, especially those that may not respond well to vaccines (very old and immunocompromised) or are too young to be vaccinated.

Pertussis Outbreak in Presque Isle County

The recent outbreak of Pertussis in Presque Isle County is a good reminder to consider the diagnosis when evaluating a patient with prolonged cough especially when paroxysmal, associated with post tussive vomiting, or with the characteristic whoop. A NP swab for Bordetella pertussis is the preferred confirmatory test in symptomatic individuals.

Chickenpox also continues to be reported across our area this Fall. If varicella is suspected the Health Department should be notified and confirmatory lab testing is recommended (a swab of a vesicle for Varicella-specific nucleic acid by PCR).

Although the majority of children continue to receive most recommended vaccines, overall vaccination rates for Michigan children ages 19 to 36 months have fallen below 70% in more than half of the state (52 of 83 counties), according to June 2023 data from the Michigan Care Improvement Registry (MCIR). Many children fell behind during the pandemic and it is important to try to catch up children, adolescents, and adults using the CDC recommended schedules.



Changes to Children's Special Health Care Services

Children's Special Health Care Services (CSHCS) has expanded the eligibility for the program to age twenty six. CSHCS is a program within the Michigan Department of Health and Human Services. It is for children and some adults with special health care needs and their families.

CSHCS is a vital program dedicated to supporting Michigan children with chronic health conditions and their families. CSHCS provides a range of essential services, including specialized medical care, diagnostic services, and access to a network of expert healthcare providers. This program plays a crucial role in ensuring that children with special health needs receive comprehensive, coordinated, and family-centered care, thereby enhancing their quality of life and helping them achieve their fullest potential. Additionally, CSHCS offers financial assistance for eligible families, helping to alleviate some of the financial burdens associated with managing chronic health conditions.

Michigan Department of Health and Human Services (MDHHS) has a <u>FAQ document</u> for the age expansion.



New Lead Testing Guidelines

All children who are at risk for lead exposure should be tested for lead poisoning. Some children are more likely to be exposed to lead than others, including those that live or spend time in a house or building built before 1978, are from low-income households, are immigrants or refugees, or live or spend time with someone who works with lead or has hobbies that expose them to lead.

Children can be exposed to lead where they live, learn, and play. Sources of lead exposure can include the following:

- Chipping or peeling paint in homes or buildings built before 1978 in general it is lead laden dust (not paint chips) that is the primary source of lead.
- Water from lead pipes or lead found in solder in faucets and fixtures.
- Soil near airports, highways, or factories this was a significant source from leaded gas, especially in urban areas.
- Some imported candies, spices, traditional medicines, imported toys and jewelry.
- Certain jobs and hobbies adults who work with lead can bring and pass on lead dust on their clothes and skin to their household members.

In Michigan, <u>Universal Lead Testing</u> is now law after the Governor signed recently passed legislation. The law requires providers to test ALL children at 12 and 24 months of age, or once between 24-72 months if not tested previously (the same as current recommendations for children enrolled in Medicaid). If considered at high risk based on geographic location or other factors such as housing age, then additional testing can be required. Physicians must also assure that lead testing results are included in the immunization registry. The requirements do not apply if a parent/guardian objects to testing. MDHHS is now charged with promulgating and implementing rules regarding provider requirements.

Reportable Disease

by Local Health Departments

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January 1 to September 30, 2023

Disease	BLDHD	District 4	HDNW	Total
Novel Coronavirus COVID-19	421	967	1206	2594
Campylobacter	12	6	20	38
Cryptosporidiosis	1	3	3	7
Giardiasis	1	0	2	3
Norovirus	2	1	6	9
Salmonellosis	5	6	14	25
Shiga toxin-producing Escherichia coli(STEC)	2	0	6	8
Shigellosis	1	0	0	1
Influenza	56	103	163	322
Meningitis - Aseptic	1	1	2	4
Meningitis - Bacterial Other	0	1	1	2
Meningococcal Disease	0	0	1	1
Streptococcus pneumoniae, Inv	4	9	4	17
Blastomycosis	0	4	0	4
CP-CRE	0	1	2	3
Candida auris	1	0	1	2
Coccidioidomycosis	3	4	2	9
Cyclosporiasis	0	0	2	2
Head Lice	55	0	40	95
Histoplasmosis	0	3	0	3
Legionellosis	0	0	2	2
Strep Throat	102	0	385	487
Streptococcal Dis, Inv, Grp A	3	9	10	22
Trachoma	0	0	1	1
Rabies Animal	0	0	1	1
Animal Bite Potential Rabies Exposure	9	70	60	139
Chlamydia (Genital)	43	66	149	258
Gonorrhea	10	2	12	24
Syphilis	2	0	7	9
Latent Tuberculosis Infection	4	7	3	14
Nontuberculous Mycobacterium	2	6	0	8
Chickenpox (Varicella)	0	5	9	14
H. influenzae Disease - Inv.	2	3	1	6
Pertussis	1	0	0	1
Shingles	0	0	2	2
VZ Infection, Unspecified	3	1	7	11
Babesiosis	1	0	0	1
Dengue Fever	1	0	0	1
Ehrlichiosis, Anaplasma phagocytophilum	5	0	0	5
Lyme Disease	43	8	16	67
Hepatitis B, Chronic	1	1	4	6
Hepatitis C, Chronic	5	16	29	50
Hepatitis E	0	1	0	1