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**PANDEMIC FLU RESOURCE GUIDE**

The Michigan Department of Community Health (MDCH) and the Michigan Association of Local Public Health (MALPH) recently released Pandemic Flu and You - a new public health resource designed to give Michigan citizens proactive information regarding the potential health threat.

This effort is our next step in helping the citizens of our state have the latest information about pandemic influenza, said Janet Olszewski, MDCH Director. We want individuals, businesses, and families to be prepared for any potential threat this illness might pose in the future, because we believe that - in the event of a pandemic influenza outbreak - following the instructions of public health officials will ultimately save lives.

The 12-page document - now available for viewing at [www.michigan.gov/mdch](http://www.michigan.gov/mdch) - provides citizens pandemic flu facts, information about vaccines and antiviral medications, tips for handling birds safely, and advice for practicing good hygiene - a critical weapon in the fight against illness, said Dr. Gregory Holzman, State Chief Medical Executive.

The beauty of the information contained in this resource guide is that so many of the tips are applicable to all diseases, not just influenza, Holzman said. Knowledge is our best defense against any public health threat, and we have worked hard to make the language in this document easily understandable. By removing medical jargon, we increase the chances of citizens putting this issue in the appropriate proactive context.

The document also outlines potential challenges Michigan could face in dealing with a potential pandemic

influenza outbreak, including planning for service disruption, travel considerations, family communications plans, food and water considerations, potential closure of schools and daycare centers, and preparedness for medical care. Additionally, the guide gives Michigan businesses a checklist to follow as they develop plans for health preparedness and business continuity.

## **HUMAN PAPILLOMAVIRUS (HPV) VACCINE**

Cervical cancer has been found to be caused by Human Papillomavirus (HPV), which is the most common of the viruses that may be transmitted sexually. There are over 100 strains of HPV; at least 10 of these strains have been linked to cervical cancer. Once the link between cervical cancer and HPV was made, research has been directed toward developing a vaccine against HPV.

In June 2006, the FDA approved one vaccine (Gardasil® by Merck/HPV4) against four strains of HPV: two of which cause 70% of cervical cancer and two of which cause 90% of genital warts. GlaxoSmithKline is in the process of developing another vaccine (Cervarix®/HPV2) against two strains of HPV, the ones that cause 70% of cervical cancer. In August, the CDC's Advisory Committee on Immunization Practices (ACIP) recommended the 3 immunization series HPV4 vaccine be given as:

- a routine vaccination for 11-12 year-old girls,
- a catch-up vaccination for 13-26 year-old females, and
- girls age 9-10 may receive the vaccine at provider discretion.

These recommendations were based on the need to immunize recipients, optimally, before the age of coitarche; the significant immune response noted in younger girls; the desire to include the HPV4 vaccine with the ones required for admission to middle school; and the fact that the HPV4 Vaccine, to date, had been only tested in females.

Because the HPV Vaccines immunize against the two HPV strains (#16, #18) that are responsible for 70% of cervical cancer, Pap testing will need to continue, regardless of a woman's immunization status. Currently, the recommendation by the Michigan Cancer Consortium, the American Cancer Society, the American College of Obstetrician/Gynecologists and other groups is to begin Pap testing at age 21 or 3 years after the onset of sexual activity, whichever occurs first.

As indicated by ACIP recommendations and VFC Resolution No. 6/06-2, the MDCH VFC program will add quadrivalent HPV4 vaccine (GARDASIL®), manufactured by Merck, to prevent Human Papillomavirus infection in females for types 6, 11, 16, and 18.

Go to the Michigan Cancer Consortium website for more information on HPV, the HPV Vaccine, and cervical cancer [www.michigancancer.org](http://www.michigancancer.org)

## **CDC RECOMMENDATIONS FOR HIV SCREENING IN HEALTH CARE SETTINGS**

In an effort to help control the spread of HIV infection, the Centers for Disease Control and Prevention (CDC) recently released *Recommendations for Routine HIV Testing in Clinical Settings*. The CDC is recommending that HIV screening should be routinely performed for all U.S. residents, ages 13 – 64 years. These recommendations state screening should be voluntary, performed routinely and on an “opt-out” basis. Also, consent for HIV should be part of a general consent for other screening or diagnostic tests.

The Michigan Department of Community Health is currently developing a position statement regarding HIV screening in clinical settings. Subsequent to endorsement of this position statement by the Department, a group of key stakeholders will meet to discuss issues and strategies associated with implementing these

recommendations. Contact Liisa Randall at (517) 241-5924 or Jeanine Hernandez at (517) 241-5940 for additional information.

## Dickinson and Iron County Tobacco Cessation Resources

**Dickinson-Iron Tobacco Free Community Coalition** offers a website with free smoking cessation materials at [www.smokefreeup.org](http://www.smokefreeup.org) or call (906) 779-7234 for more information.

**iCanQuit** is a free quit smoking coaching hotline offered through the Michigan Department of Community Health at 1-800-480-7848. A quitline representative will determine eligibility. It provides callers with up to five phone sessions with a personal health coach who will work with the caller from their home or office.

**Michigan Department of Community Health** offers free self help quit smoking kits. Call 1-800-537-5666 to order.

**American Lung Association** offers free online cessation support by a trained Freedom From Smoking facilitator at [www.ffsonline.org](http://www.ffsonline.org). Free telephone counseling is also available at 1-800-548-8252.

**Blue Cross Blue Shield of Michigan** offers a free smoking cessation quitline for Blue Cross members at 1-800-775-2583. Some plans also offer nicotine replacement products. Call your Blue Cross customer service number to determine eligibility.

**Upper Peninsula Health Plan** members see your health care provider for nicotine replacement products and cessation services.

**American Legacy Foundation** offers a cessation information line for women at 1-800-234-7000. They also offer a quitline for expectant mothers (Great Start) 1-800-66-START.

### Internet Resources

Centers for Disease Control and Prevention [www.cdc.gov/tobacco](http://www.cdc.gov/tobacco)

American Cancer Society [www.cancer.org](http://www.cancer.org)

National Spit Tobacco Education Program [www.nstep.org](http://www.nstep.org) or [www.chewfree.org](http://www.chewfree.org)



## UPDATED CHILDHOOD IMMUNIZATION SCHEDULES

The 2007 Recommended Immunization Schedules for Persons Aged 0 --18 Years have been published. The 2007 immunization schedules are posted on the CDC website at [www.cdc.gov/nip](http://www.cdc.gov/nip). The Advisory Committee on Immunization Practices (ACIP) has divided the 2007 schedule into two age groups: one schedule for persons aged 0--6 years and another for persons aged 7--18 years. Rota, HPV, and varicella vaccines are incorporated into the new immunization schedules, as well as the updated catch-up immunization schedule. Health care providers are urged to thoroughly review all of the new schedules' footnotes, in addition to the schedules themselves.

### UPPER PENINSULA REPORTABLE COMMUNICABLE DISEASES FOR THE PERIOD NOVEMBER-DECEMBER 2006 AND YTD

Disease	Chippewa		Delta Menominee		Dickinson Iron		LMAS		Marquette		Western UP		UP Total	
	Period	YTD	Period	YTD	Period	YTD	Period	YTD	Period	YTD	Period	YTD	Period	YTD
Amebiasis	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Campylobacter	1	2	1	9	0	7	0	2	0	7	0	9	2	36
Cryptosporidiosis	2	6	0	4	0	2	0	0	0	2	0	0	2	14
Giardiasis	1	3	1	10	0	1	0	4	0	2	1	10	3	30
Listeriosis	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Salmonellosis	0	17	1	9	0	2	0	9	1	5	1	10	3	52
Shigellosis	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Yersinia enterocolitica	0	0	0	0	0	0	0	0	0	2	0	0	0	2
Meningitis - Aseptic	0	0	0	4	0	3	0	1	1	4	0	0	1	12
Meningitis - Bacterial Other	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Meningococcal Disease	1	1	0	0	0	0	0	0	0	0	0	0	1	1
Streptococcus pneumoniae, Inv	0	0	0	0	0	1	0	0	0	1	0	0	0	2
Blastomycosis	1	3	0	2	0	0	0	0	0	1	0	3	1	9
Coccidioidomycosis	0	0	0	0	0	0	0	0	0	2	0	0	0	2
Encephalitis, Primary	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Flu Like Disease	113	572	439	1313	171	2607	191	1204	72	137	460	2287	1446	8120
Histoplasmosis	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Kawasaki	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Legionellosis	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Staphylococcus Aureus Infect.	0	6	0	0	0	0	0	1	0	0	0	0	0	7
Streptococcal Dis, Inv, Grp A	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Trachoma	0	1	0	1	0	0	0	0	0	0	0	0	0	2
Chlamydia (Genital)	6	43	9	76	12	39	3	32	24	110	19	66	73	366
Gonorrhea	1	10	1	9	1	7	0	0	0	5	0	1	3	32
Syphilis - Latent of Unk Duration	0	0	0	1	0	0	0	1	0	1	0	0	0	3
Tuberculosis	0	0	0	0	0	0	0	0	1	1	0	1	1	2
Chickenpox (Varicella)	0	30	2	27	19	34	1	3	17	52	4	26	43	172
H. influenzae Disease - Inv.	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Measles	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Mumps	0	0	0	3	0	0	0	1	0	1	0	1	0	6
Pertussis	0	0	0	0	0	0	0	1	1	7	0	12	1	20
Ehrlichiosis, human monocytic	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Lyme Disease	0	0	0	14	0	0	0	0	0	0	0	1	0	15
Hepatitis A	0	1	0	1	0	1	0	0	0	0	0	0	0	3
Hepatitis B, Chronic	1	4	1	2	0	0	0	0	0	4	0	1	2	11
Hepatitis C, Acute	2	12	0	4	0	2	0	1	0	0	1	14	3	33
Hepatitis C, Chronic	12	62	3	30	3	29	1	15	2	18	5	21	26	175
Hepatitis C, Unknown	4	4	1	1	0	1	0	0	0	0	1	2	6	8