



QUARTERLY REPORT

**3rd Quarter
September 2005**

Marion County Health Department
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To report a communicable disease
(24 hours a day, 7 days a week)

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Vital Statistics Quarter Ending: Sept. 2005	3rd Quarter		Year to Date	
	2005	2004	2005	2004
BIRTHS				
TOTAL DELIVERIES	1257	1401	3868	3972
Delivery in Hospital	1245	1390	3825	3936
Teen Deliveries (10-17)	57	69	158	170
DEATHS				
TOTAL	595	608	1865	1905
Medical Investigation	61	59	149	157
Homicide	02	03	06	07
Suicide	09	14	25	36
Accident – MVA	04	07	17	20
Accident – Other	19	13	36	32
Natural / Undetermined / Pending	27	22	65	62
Non-Medical Investigation (all natural)	534	549	1716	1748
Infant Deaths	03	04	08	17
Fetal Deaths	10	05	18	14
COMMUNICABLE DISEASES				
E-Coli: 0157	05	06	08	07
Hepatitis A	01	01	01	10
Acute Hepatitis B	03	01	11	07
Chronic Hepatitis B	08	15	28	40
Meningococcus	02	01	02	04
Pertussis	39	01	126	10
Tuberculosis	04	02	14	12
SEXUALLY TRANSMITTED DISEASE				
PID (Pelvic inflammatory Disease)	0	0	01	04
Chlamydia	206	216	649	639
Gonorrhea	21	29	56	68
Syphilis	0	04	02	09
AIDS	05	09	09	12
HIV Positive	02	11	08	16

Influenza Season 2005-06 What's new with flu?

Karen Landers MD, MPH, Marion County Health Officer

Another influenza season approaches. As international public health agencies keep a watchful eye on the status of the H5N1 influenza strain also known as “bird flu” which is occurring predominately in Southeast Asia at this time, we are preparing to deal with the annual appearance of human strains here in the United States. The first culture-confirmed case of influenza this year in Oregon was reported on October 10th in a person who acquired the infection while visiting in California. Although only sporadic cases are being reported in the U.S. at this time, it appears that the influenza season is nearly upon us. Our efforts to reduce the estimated 36,000 annual deaths each year in the U.S. due to influenza depend on the availability of adequate supplies of a vaccine that is well matched to the circulating influenza strain. Here's a summary of this year's recommended approach to influenza.

Vaccine Supply and Distribution

According to the most recent influenza vaccine bulletin (#3) published by Centers for Disease Control and Prevention (CDC) on 9/29/05, total production of flu vaccine is projected to range between 71 and 97 million doses. The lower estimate includes inactivated vaccine produced by Sanofi Pasteur (Fluzone®) and GlaxoSmithKline (Fluarix®) as well as live attenuated vaccine produced by MedImmune (FluMist®).

Continued

All three of these companies have had lots of vaccine released for distribution by the Food and Drug Administration (FDA). The higher estimate also includes inactivated vaccine projected to be available from Chiron (Fluvirin®); however, Chiron vaccine lots have not yet been released by FDA.

Due to uncertainty surrounding vaccine production and the timing for distribution, a tiered approach to the use of inactivated influenza vaccine has been recommended this year. Until October 24, 2005, inactivated influenza vaccine is being reserved for persons at high risk of complications from the flu and health care workers as follows:

- *Persons 65 years of age and older
- *Residents of long-term care facilities
- *Persons 2-64 years with underlying medical conditions (metabolic, respiratory, cardiovascular, immune system)

NOTE: This year CDC has added persons with conditions that compromise management of respiratory secretions or increase risk of aspiration such as neuromuscular disease, spinal cord injuries, cognitive disorders, and seizure disorders to this group.

- *Women who will be pregnant during the influenza season
- *Children 6-23 months of age
- *Health care personnel who provide direct patient care
- *Out-of-home caregivers and household contacts of children less than 6 months of age

Persons not meeting these criteria are being asked to defer vaccination with inactivated influenza vaccine until after October 23, 2005.

Live Attenuated Influenza Vaccine (LAIV)

Unlike the inactivated influenza vaccine, the intranasally-administered LAIV (FluMist®) is **NOT** subject to the prioritization plan and can be given when available. Vaccination with LAIV is an option for healthy non-pregnant persons aged 5-49 years wishing to reduce their risk of contracting influenza including health care workers. Close contacts of high-risk persons including persons with weakened immune systems due to HIV/AIDS or chemotherapy may also be vaccinated with LAIV.

NOTE: The use of the manufacturer-supplied freezebox” to store LAIV is no longer required. LAIV may now be stored in a conventional frost-free freezer.

Health care workers who meet the age criteria are encouraged to consider vaccination with LAIV. Only about 40% of health care workers in the U.S. are vaccinated against influenza annually.

Studies indicate LAIV is as effective as inactivated influenza vaccine, and it has the additional advantage of not requiring a shot.

Vaccinating health care workers with LAIV allows inactivated influenza vaccine to be directed to persons who are unable to receive LAIV. Health care workers providing care for severely immunocompromised patients (those requiring protective isolation) should receive inactivated influenza vaccine or avoid contact with such patients for 7 days after receiving LAIV; all other health care workers may receive LAIV and continue to provide care for their patients without interruption. Health care workers who have risks for complications from influenza including pregnant women may administer LAIV. Severely immunocompromised persons should not administer LAIV.

LAIV will be only be available at a limited number of pharmacies in Salem; however, MedImmune still has available quantities of LAIV for order. To order LAIV, go to www.flumist.com or call 1-877-FLUMIST.

Need help finding influenza vaccine?

Marion County Health Department will again serve as an information clearinghouse for medical offices, health care facilities, and clinics needing to locate influenza vaccine this year. Medical providers interested in obtaining additional doses of influenza vaccine may contact Lyndsie Porter at (503) 361-2791.

For information about local sources for influenza vaccination visit Marion County Health Department’s web page at

http://health.co.marion.or.us/ph/Immunizations/Immunization_Home.htm.

Information about flu vaccination clinics can also be obtained through Oregon SafeNet. This year SafeNet will be partnering with the Oregon Lung Association for the first time to publish flu clinic locations on the www.lungoregon.org website. Providers and patients may also call 1-800-SAFENET to get information about available vaccination clinics.

For general information related to influenza vaccination for the 2005-2006 influenza season or for information about antiviral use, visit Oregon’s health department website at <http://oregon.gov/DHS/ph/acd/flu/influenza.shtml>

or

www.cdc.gov/flu.