



DuPage County Health Department R E V I E W

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Contact Information

Communicable Disease
(630) 682-7979, ext. 7553

Environmental Health
(630) 682-7979, ext. 7046

Immunizations
(630) 682-7400

Sexually Transmitted Diseases
(630) 682-7979, ext. 7575

HIV/AIDS
(630) 682-7979, ext. 7310

Tuberculosis
(630) 682-7522

School Health
(630) 682-7979, ext. 7300

Travel Clinic
(630) 682-7979, ext. 7590

Animal Control
(630) 407-2800

Please contact Shaun Nelson, MPH
at (630) 682-7979, ext. 7175 or
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send suggestions or to be added
to the distribution list.

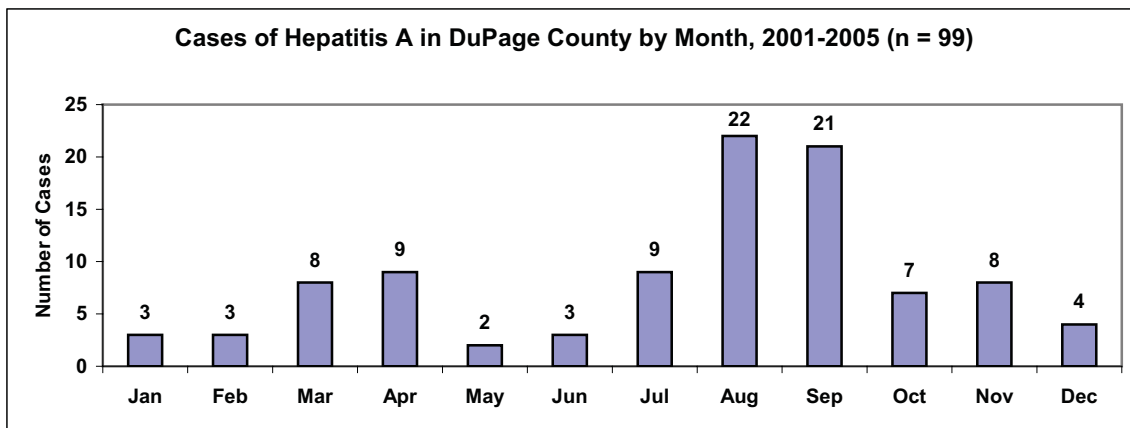
The purpose of this two-page surveillance update is to promote the control and prevention of **communicable disease (CD)** by providing clinically relevant information and resources to healthcare professionals in DuPage County.



Under the Microscope Hepatitis A

More information about hepatitis A can be found at www.cdc.gov/ncidod/diseases/hepatitis/a/index.htm

DuPage County has experienced a recent seasonal increase (in late summer) in hepatitis A cases, *largely due to elective travel to countries with high rates of hepatitis A (including Mexico and India)*. In addition to good personal hygiene and proper sanitation, **vaccines can help prevent hepatitis A in persons 12 months of age and older**. Hepatitis A vaccine is recommended (before exposure to hepatitis A virus) for persons who are (1) more likely to get hepatitis A virus infection or are (2) more likely to get seriously ill if they do get hepatitis A.



Vaccines appropriately administered (two doses, at least six months apart) also provide long-term prevention (estimates suggest **protection for at least 20 years**) of hepatitis A virus infection in persons 12 months of age and older.

In October 2005, an advisory committee to the Centers for Disease Control and Prevention (CDC) recommended that all children in the United States receive hepatitis A vaccine. The previous recommendation of the Advisory Committee on Immunization Practices (ACIP) in 1999, called for vaccinations in states with the highest rates of hepatitis A. *About two-thirds of cases are now reported from states in which hepatitis A vaccination of children was not recommended.* Therefore, **hepatitis A vaccine is now universally recommended for all children to receive the first dose of a two dose series (at least 6 months apart) of hepatitis A vaccine between 1 and 2 years of age.**¹

The ACIP continues to **recommend hepatitis A vaccination for travelers to countries with a high prevalence of hepatitis A** (for optimal protection, **at least 4 weeks prior to travel**), men who have sex with men, illegal drug users and persons with chronic liver disease. All susceptible persons traveling to or working in countries that have high or intermediate rates of hepatitis A (including Mexico and India) should be vaccinated or receive immune globulin before traveling.

Persons from developed countries who travel to developing countries are at high risk for hepatitis A, including tourists, military personnel, missionaries, and others who work or study abroad in countries that have high or intermediate levels of hepatitis A. **The risk for hepatitis A exists even for travelers to urban areas, those who stay in luxury hotels, and those who report that they have good hygiene and that they are careful about what they drink and eat.** Susceptible persons may be vaccinated in their physician's office or may be referred to the **Travel Clinic at (630) 682-7979, ext. 7590 or Immunizations Program at (630) 682-7400.**

¹ CDC. Recommended childhood and adolescent immunization schedule—United States, 2006. MMWR 2005;54 (Nos. 51&52):Q1-Q4.

DUPAGE COUNTY HEALTH DEPARTMENT

CASES¹ OF REPORTABLE DISEASES*

Required by the Illinois Department of Public Health (IDPH)

* Last updated July 2002

			2005	2004	2003	2002	2001	Median
	Report Within	Dec 2005	Total	Total	Total	Total	Total	Total ('01-'05)
Vaccine Preventable Diseases								
Chickenpox in those < 20 yrs old	7 days	13	225	273	342	939	934	342
Chickenpox in those ≥ 20 yrs old	24 hrs	0	8	13	10	27	NR ²	12
Diphtheria	24 hrs	0	0	0	0	0	0	0
<i>Haemophilus influenzae</i>	24 hrs	1	10	5	4	11	7	7
Hepatitis A	24 hrs	1	9	27	20	11	32	20
Hepatitis B	7 days	1	7	8	12	14	15	12
Hepatitis B (carriers)	7 days	9	146	146	136	199	268	146
Measles	24 hrs	0	0	0	0	0	0	0
Mumps	7 days	0	0	2	3	3	3	3
<i>Neisseria meningitidis</i>	24 hrs	1	4	1	1	5	3	3
Pertussis	24 hrs	1	27	127	13	12	12	13
Poliomyelitis	24 hrs	0	0	0	0	0	0	0
Rubella	7 days	0	0	0	0	1	0	0
Streptococcus pneumoniae, invasive disease ³	7 days	5	64	62	97	65	54	65
Tetanus	7 days	0	0	0	0	0	0	0
Other Communicable Diseases								
Amebiasis	7 days	0	0	5	2	3	3	3
Anthrax	3 hrs	0	0	0	0	0	0	0
Blastomycosis	7 days	0	5	6	7	6	4	6
Botulism, foodborne	3 hrs	0	0	0	0	0	0	0
Botulism, other	24 hrs	0	0	0	0	0	0	0
Brucellosis	7 days	0	1	0	0	1	0	0
Campylobacteriosis ³	7 days	8	151	143	146	153	143	146
Cholera	24 hrs	0	0	0	1	0	0	0
Cryptosporidiosis	7 days	0	3	2	4	4	12	4
Cyclosporiasis	7 days	0	1	26	0	0	0	0
Diarrhea of the newborn	24 hrs	0	0	0	0	0	0	0
Ehrlichiosis	7 days	0	0	0	1	0	0	0
Encephalitis ⁴	7 days	0	5	0	1	2	6	2
Enteric <i>E. coli</i> infections ⁵	24 hrs	0	17	21	5	24	16	17
Giardiasis	7 days	2	46	59	88	71	74	71
Glomerulonephritis	24 hrs	0	0	0	0	0	0	0
Hantavirus pulmonary syndrome	7 days	0	0	0	0	0	0	0
Hemolytic uremic syndrome	24 hrs	0	0	0	0	0	0	0
Hepatitis C (cases & carriers) ³	7 days	4	217	189	193	223	157	193
Hepatitis, viral, other ⁶	7 days	0	0	1	0	0	0	0
Histoplasmosis	7 days	0	0	6	2	4	3	3
Legionnaires' disease	7 days	0	4	5	8	5	3	5
Leprosy	7 days	0	0	0	0	0	0	0
Leptospirosis	7 days	0	1	0	0	1	0	0
Listeriosis	7 days	0	2	2	2	0	1	2
Lyme disease	7 days	1	12	9	9	8	3	9
Malaria	7 days	0	5	8	4	3	2	4
Meningitis, aseptic ⁴	7 days	5	121	158	174	122	137	137
Ophthalmia neonatorum	7 days	0	0	0	0	0	0	0
Plague	3 hrs	0	0	0	0	0	0	0
Psittacosis	7 days	0	0	0	0	0	0	0
Q fever ⁷	3 hrs	0	0	1	0	1	0	0
Rabies, human case	24 hrs	0	0	0	0	0	0	0
Rabies, potential exposure	24 hrs	1	24	18	10	26	11	18
Reye syndrome	7 days	0	0	0	0	0	0	0
Rheumatic fever	24 hrs	0	1	0	0	0	0	0
Rocky Mountain spotted fever	7 days	0	0	1	0	0	0	0
Salmonellosis	7 days	4	116	107	99	111	93	107
Shigellosis	7 days	2	29	15	44	41	32	32
Smallpox	3 hrs	0	0	0	0	0	0	0
<i>Staphylococcus aureus</i> (in those < 28 days old)	7 days	0	3	4	2	1	0	2
<i>Staphylococcus aureus</i> (vancomycin-resistant)	24 hrs	0	0	0	0	0	0	0
Streptococcal infections, group A invasive	24 hrs	5	11	15	22	12	21	15
Streptococcal infections, group B invasive (in those < 3 mos old)	7 days	2	5	1	3	1	0	1
Toxic shock syndrome ⁸	24 hrs	0	2	0	4	2	2	2
Trichinosis	7 days	0	0	0	0	0	0	0
Tuberculosis	7 days	1	33	50	67	33	46	46
Tularemia	3 hrs	0	0	0	0	0	0	0
Typhoid fever	24 hrs	0	2	2	1	3	3	2
Typhus	24 hrs	0	0	0	0	0	0	0
West Nile disease	7 days	0	47	5	4	44	0	5
Yersiniosis	7 days	0	2	2	0	1	2	2
STDs, HIV and AIDS								
AIDS (Jan - Oct) ⁹	7 days	---	21	21	20	28	30	25
Chancroid	7 days	0	0	0	0	0	0	0
Chlamydia	7 days	40	1200	948	939	904	837	939
Gonorrhea	7 days	9	202	210	209	234	230	210
HIV infection (Jan - Oct) ⁹	7 days	---	18	26	28	23	30	27
Syphilis	7 days	1	15	9	18	10	10	10

CD REVIEW

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DuPage County healthcare providers and hospitals **must report any suspected or confirmed case of these diseases** to the local health authorities within the number of hours or days indicated.

REPORTING NUMBERS:

Communicable Diseases

(630) 682-7979, ext. 7553

24 hours: (630) 682-7400

Tuberculosis

(630) 682-7522

STDs

(630) 682-7979, ext. 7575

HIV/AIDS:

(630) 682-7979, ext. 7310

- ¹ Provisional cases, based on date of onset
- ² Not reported
- ³ Disease not reportable until April 2001; data do not include cases from Jan 1, 2001 through March 31, 2001.
- ⁴ Excludes West Nile disease
- ⁵ O157:H7, STEC, EHEC, ETEC, EPEC
- ⁶ Includes hepatitis D and E
- ⁷ Q fever cases in 2002 and 2004 not related to any suspected bioterrorism threat or event
- ⁸ Includes streptococcal (reportable within 24 hours) and presumed staphylococcal (reportable within 7 days)
- ⁹ HIV/AIDS data are provided quarterly by IDPH and are provisional, based on date of diagnosis

Websites

CDC:

www.cdc.gov

IDPH:

www.idph.state.il.us

DuPage:

www.dupagehealth.org