



El Paso County Monthly Communicable Disease Report – August, 2007

(Please distribute to all providers in your office)

Although El Paso County has reported positive **West Nile Virus (WNV)** tests in mosquitoes and birds since mid-July, our first human case was not reported until August 9th. As of August 10th, 79 cases had been officially counted from Adams (3), Boulder (20), Broomfield (3), Cheyenne (2), Denver (2), Douglas (1), El Paso (1), Fremont (2), Huerfano (1), Jefferson (2), Larimer (20), Logan (1), Mesa (1), Otero (1), Prowers (2), Pueblo (2), Washington (1) and Weld (14) counties. Classifications for these cases are: WN fever - 68, meningitis - 7, and encephalitis - 4. There have been two reported WNV deaths. While reported cases typically increase in August, many of those persons were infected in June or July. Keep in mind that the incubation period for WNV is 2 to 14 days; add to that the time for medical evaluation and testing, and then having results reported to public health. Therefore, cases being reported now reflect a high level of disease activity starting 2 or more weeks earlier. Based on the degree of WNV infectivity being detected in mosquitoes, we anticipate human infection to continue at significant levels. Clinical guidelines on WNV infection are available at: <http://www.cdphe.state.co.us/dc/Zoonosis/wnv/index.html>. Links to CDPHE statistics and maps and prevention materials are available at: www.FightTheBiteColorado.com

Vaccine Preventable Diseases	JUN 2007	JUL 2007	2007 YTD	2006 Total
Diphtheria (24 hr)				
Hepatitis B (new chronic & acute)	4	6	21	81
Measles (24 hr)				
Influenza	0	0	26*	104**
Mumps	0	1	2	3
Pertussis syndrome	2	18	26	19
Poliomyelitis (24 hr)				
Rubella (24 hr)				
Rubella, congenital				
Smallpox				
Tetanus				
Varicella	2	0	52	127
Foodborne and Enteric Diseases				
Amebiasis				
Botulism (24 hr)				
Campylobacteriosis	5	4	23	58
Cholera (24 hr)				
Cryptosporidiosis	0	0	2	7
Cyclospora				
E.coli 0157:H7 & other shiga toxin producing E. coli (STEC)	0	3	3	13
Giardiasis	2	3	22	41
Group Outbreaks – all causes including food poisoning (24 hr)	0	0	6	21
Hemolytic uremic synd. If ≤18 yrs	0	0	0	1
Hepatitis A (24 hr)	0	0	1	5
Listeriosis				
Salmonellosis	3	4	26	69
Shigellosis	0	2	2	12
Trichinosis				
Typhoid Fever (24 hr)	0	0	0	1#
Sexually Transmitted Diseases				
HIV infection (newly diagnosed)	1	1	10	26
Chancroid				
Gonorrhea, any site	32	33	302	709
Lymphogranuloma venereum				
Syphilis, early (1°, 2°, early latent) (24 hr)	1	1	5	4
Chlamydia trachomatis	121	108	1036	2444

Zoonotic Diseases	JUN 2007	JUL 2007	2007 YTD	2006 Total
Anthrax (24 hr)				
Brucellosis	0	0	0	1
Hantavirus				
Lyme Disease				
Plague (24 hr)				
Psittacosis				
Q Fever				
Human Rabies (suspected) (24 hr)				
Relapsing Fever				
Rocky Mt. Spotted Fever				
Tularemia				
West Nile Virus	0	0	0	5
Other Meningitis/Encephalitis & Invasive Disease				
Encephalitis	0	0	2	1
Aseptic Meningitis	4	4	25	44
Haemophilus influenzae invasive disease (24 hr)	0	0	5	3
Neisseria meningitidis invasive disease (24 hr)	0	1	3	2
Transmissible Spongiform encephalopathy				
Strep. Pneumo Invasive	3	1	24	45
Other Important Reportable Diseases				
Hepatitis C (contact the STD Prog. at # below for data)				
Hepatitis, other viral	0	0	0	1
Kawasaki Syndrome	0	0	0	2
Legionnaire's Disease	0	0	1	7
Leprosy				
Malaria	0	0	1#	1#
SARS				
Toxic Shock Syndrome				
Tuberculosis (new active case) (24 hr)	1	0	5	10

*2006-2007 flu season (hospitalized cases & pediatric deaths only)

**2005-2006 flu season # not locally acquired

For questions regarding HIV/AIDS, Hepatitis C, other sexually transmitted diseases (STD), and blood-borne disease exposures, contact the **STD Program** at: **719-578-3148**

Note: 2007 reported cases are provisional.

El Paso County Health Department

CD/TB Program: 719 578-3220
 After Hours pager 719 385-9622

Immunizations: 719 578-3272

Environmental Health Info Line: 719 575-8636

Colorado State Health Department (CDPHE):
 Regular Weekday Hours 303 692-2700
 After Hours 303 370-9395