



El Paso County Monthly Communicable Disease Report – July, 2007

(Please distribute to all providers in your office)

The Health Department is currently investigating an increased number of **pertussis** cases, including a sports-facility outbreak with 7 confirmed cases identified so far and 47 contacts. Pertussis surveillance is aimed at finding source-cases and preventing further spread by isolating cases and using antibiotic prophylaxis for close contacts (especially in young infants and persons in high risk occupations such as child care and health care providers). Pertussis cases can be challenging to diagnosis because patients may not present for care until later in the course of their illness or exposed people who have been vaccinated are assumed to be immune and are not given timely prophylaxis or treatment. Pertussis should be considered in anyone with a prolonged, unexplained cough illness, particularly if associated with paroxysms, post-tussive vomiting or a “whoop”, regardless of immunization status. Supportive laboratory diagnosis is made by culture or PCR from a nasal wash or swab. Commercially available serologic testing has not been appropriately validated is not recommended for diagnosis of pertussis. The macrolide antibiotics are used for both treatment and chemoprophylaxis of pertussis. Providers should promptly report any suspect case of pertussis to the Health Department at 719-578-3220. Additional information on pertussis management is available at the State’s Health Department’s website http://www.cdphe.state.co.us/dc/Epidemiology/dc_manual.html.

Vaccine Preventable Diseases	MAY 2007	JUN 2007	2007 YTD	2006 Total
Diphtheria (24 hr)				
Hepatitis B (new chronic & acute)	2	4	15	81
Measles (24 hr)				
Influenza	0	0	26*	104**
Mumps	0	0	1	3
Pertussis syndrome	2	2	8	21
Poliomyelitis (24 hr)				
Rubella (24 hr)				
Rubella, congenital				
Smallpox				
Tetanus				
Varicella	6	2	52	127
Foodborne and Enteric Diseases				
Amebiasis				
Botulism (24 hr)				
Campylobacteriosis	5	5	19	58
Cholera (24 hr)				
Cryptosporidiosis	0	0	2	7
Cyclospora				
E.coli 0157:H7 & other shiga toxin producing E. coli (STEC)	0	0	0	13
Giardiasis	0	2	19	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)	1	0	1	5
Listeriosis				
Salmonellosis	2	3	22	69
Shigellosis	0	0	0	12
Trichinosis				
Typhoid Fever (24 hr)	0	0	0	1#
Sexually Transmitted Diseases				
HIV infection (newly diagnosed)	3	0	7	26
Chancroid				
Gonorrhea, any site	40	16	251	709
Lymphogranuloma venereum				
Syphilis, early (1°, 2°, early latent) (24 hr)	1	1	4	4
Chlamydia trachomatis	124	80	851	2444

Zoonotic Diseases	MAY 2007	JUN 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	2	4	21	44
Haemophilus influenzae invasive disease (24 hr)	1	0	5	3
Neisseria meningitidis invasive disease (24 hr)	0	0	2	2
Transmissible Spongiform encephalopathy				
Strep. Pneumo Invasive	2	3	23	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)	0	1	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