



## El Paso County Monthly Communicable Disease Report – September, 2007

(Please distribute to all providers in your office)

Earlier this summer, EPCDHE investigated a suspected outbreak of **Cercarial dermatitis** (swimmer's itch) related to Prospect Lake. Cercarial dermatitis is a condition caused by skin penetration by the cercariae of a nonhuman species of a schistosome. The microscopic parasites are released from infected snails into fresh and salt water (such as lakes and ponds). The parasite burrows into the nearby swimmer's skin, causing a hypersensitivity reaction and a pruritic, vesiculopapular rash. In early July, EPCDHE received reports of acute onset of rashes in 35 individuals after a long-distance swimming event at the lake, as well as rashes in several other individuals. Communicable Disease staff interviewed 10 individuals who had rashes after swimming and the findings were consistent with cercarial dermatitis, although a formal dermatologic evaluation was not performed. Snails subsequently collected from the lake were found to contain cercariae. Because this problem can occur intermittently, the Colorado Springs Parks and Recreation Department worked with EPCDHE to post signs warning swimmers of potential risk. No further cases were reported in August. Find more information at the CDC's website: <http://www.cdc.gov/ncidod/dpd/parasites/cercarialdermatitis/default.htm>.

<b>Vaccine Preventable Diseases</b>	JUL 2007	AUG 2007	2007 YTD	2006 Total
Diphtheria (24 hr)				
Hepatitis B (new chronic & acute)	8	6	29	81
Measles (24 hr)				
Influenza	0	0	26*	104**
Mumps	1	0	2	3
Pertussis syndrome	18	3	29	19
Poliomyelitis (24 hr)				
Rubella (24 hr)				
Rubella, congenital				
<b>Smallpox</b>				
Tetanus				
Varicella	0	5	57	127
<b>Foodborne and Enteric Diseases</b>				
Amebiasis				
Botulism (24 hr)				
Campylobacteriosis	4	8	31	58
Cholera (24 hr)				
Cryptosporidiosis	0	3	5	7
Cyclospora				
E.coli 0157:H7 & other shiga toxin producing E. coli (STEC)	3	1	4	13
Giardiasis	3	5	27	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	4	3	29	69
Shigellosis	2	0	2	12
Trichinosis				
Typhoid Fever (24 hr)	0	0	0	1#
<b>Sexually Transmitted Diseases</b>				
HIV infection (newly diagnosed)	1	2	12	26
Chancroid				
Gonorrhea, any site	40	30	343	709
Lymphogranuloma venereum				
Syphilis, early (1°, 2°, early latent) (24 hr)	1	0	5	4
Chlamydia trachomatis	120	107	1198	2491

<b>Zoonotic Diseases</b>	JUL 2007	AUG 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	0	1	1	0
Tularemia				
West Nile Virus	0	3	3	5
<b>Other Meningitis/Encephalitis &amp; Invasive Disease</b>				
Encephalitis	0	0	2	1
Aseptic Meningitis	4	20	45	44
Haemophilus influenzae invasive disease (24 hr)	0	0	5	3
Neisseria meningitidis invasive disease (24 hr)	1	1	4	2
Transmissible Spongiform encephalopathy	0	0	1	0
Strep. Pneumo Invasive	1	3	27	45
<b>Other Important Reportable Diseases</b>				
Hepatitis C (contact the STD Prog. at # below for data)				
Hepatitis, other viral	0	0	0	1
Kawasaki Syndrome	0	1	1	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	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