



Microbe Monthly

Communicable Disease Report

April 2008

El Paso County Department
of Health & Environment (EPCDHE)

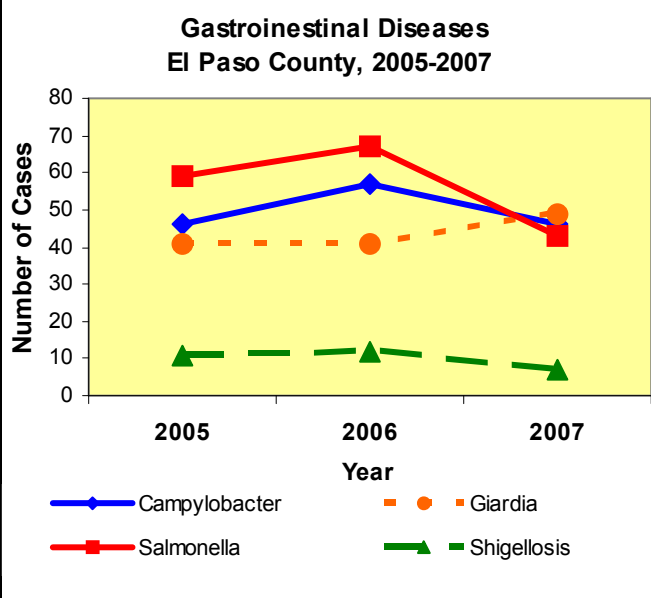
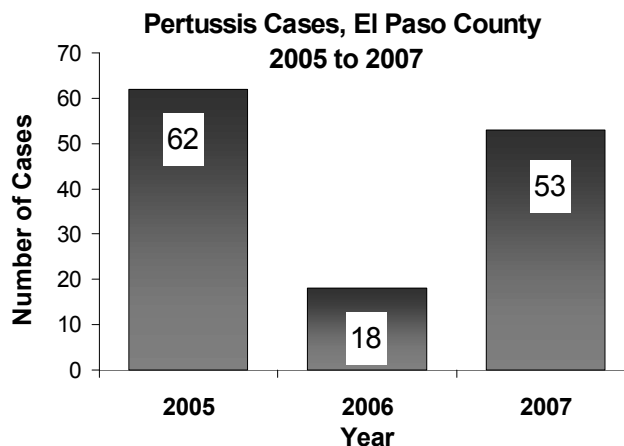
Infectious Disease Reporting — Preliminary 2007 Data

Healthcare providers and laboratories are required to report many infectious disease conditions to local and state public health authorities. A list of conditions can be found on the Colo. Dept. of Public Health and Environment website: www.cdph.state.co.us/dc/reportable.html

The El Paso County Department of Health and Environment conducts surveillance, investigates cases of reportable diseases, implements infection control measures to limit disease spread, monitors disease trends to identify emerging issues and communicates risk to the public.

The Table below shows the PRELIMINARY number of reported cases for selected infectious diseases from El Paso County in 2007. Data for 2005 and 2006 is provided for comparison.

DISEASE	2007	2006	2005
	Number of Reported Cases (2007 data is preliminary)		
BOTULISM, Food-borne	1	0	0
CAMPYLOBACTER	46	57	46
CRYPTOSPORIDIOSIS	8	7	8
GIARDIASIS	49	41	41
HAEMOPHILUS INFLUENZAE	7	3	2
HANTAVIRUS PULMONARY SYNDROME	0	1	0
HEMOLYTIC UREMIC SYNDROME	0	1	2
HEPATITIS A	1	5	6
KAWASAKI SYNDROME	3	2	0
LEGIONELLOSIS	1	7	3
MALARIA	4	1	4
MENINGOCOCCAL DISEASE	4	2	0
MUMPS	2	2	3
PERTUSSIS	53	18	62
ROCKY MTN SPOTTED FEVER	1	1	0
SALMONELLOSIS	43	67	59
SHIGELLOSIS	7	12	11
STEC (shiga toxin producing E.coli)	5	12	11
STREP PNEUMO INVASIVE	47	45	44
TYPHOID FEVER	0	1	1
VARICELLA (chicken pox)	89	127	128
WEST NILE VIRUS	5	5	1



Notable Findings From Table

- State mandated varicella vaccination in school children may have contributed to the 30% decrease in varicella cases reported between 2005 and 2007 in El Paso County.
- In 2007, El Paso County had highest number of reported pertussis cases in the state.
- Among the 7 cases of Haemophilus influenzae in 2007, there was one each of type a, b, e and f, and 2 cases were nontypable.
- Among the 4 cases of Neisseria meningitidis in 2007, 3 were type Y and one type W135.
- There were 20 outbreaks in El Paso County in 2007; gastrointestinal outbreaks (11) and pertussis outbreaks (7) were most common.

Contact Information

<u>CD/TB Program</u>	
Weekday Hours	719-578-3220
After Hours Emergency	719-385-9622
<u>Immunizations</u>	719-578-3272
<u>Environmental Health</u>	719-575-8636
<u>STD Program</u>	719-578-3296
(Sexually Transmitted Diseases, Hep C, HIV/AIDS, Blood-borne Exposures)	
<u>Colorado Department of Public Health and Environment</u>	
Weekday Hours	303-692-2700
After Hours	303-370-9395