



Public Health
Prevent. Promote. Protect.

Douglas County 2008 Communicable Disease Program

COMMUNICABLE DISEASE SERVICES AT THE PUBLIC HEALTH DEPARTMENT

- Timely Investigation of Reportable Diseases
- HIV Testing and Counseling
- Management of Ryan White Title II HIV Program
- Management of HIV Prevention Outreach
- Sexually Transmitted Disease (STD) Clinics
- Partner Management for STD cases
- Tuberculosis (TB) Case Management
- Directly Observed Therapy for TB
- Screening for Latent TB Infection
- Communicable Disease Clinics
- Immunizations for Vaccine-Preventable Diseases
- Public Health Preparedness Planning
- Communication of Health Alerts
- Communicable Disease Outreach and Education
- Integration with other Public Health Programs
- Referral to Other Preventive Health Services

DISEASE REPORTING – IT’S THE LAW

All Oregon health care providers and labs are required by law to report certain diseases to local health departments. Reporting enables public health follow-up, identifies outbreaks, and provides an understanding of Oregon disease patterns. It is also the law for health care providers, health care facilities, and labs to cooperate with the local health department in the investigation and control of reportable diseases. Every health care provider attending a person with a reportable disease shall instruct the person in measures appropriate to controlling the spread of the disease. Some cases are subject to restrictions on school attendance, day care attendance, patient care, and food handling.

COMMUNICABLE DISEASE REPORTING

Phone (541) 440-3571

Fax: (541) 464-3914

REPORTED CASES OF NOTIFIABLE DISEASES

• Campylobacteriosis	17
• Chlamydia	189
• Cryptosporidiosis.....	1
• E. Coli O157	5
• Giardiasis	19
• Gonorrhea	2
• Hemolytic Uremic Syndrome.....	1
• Hemophilus Influenzae.....	1
• Hepatitis A.....	1
• Hepatitis B, Acute.....	1
• Hepatitis B, Chronic.....	7
• Hepatitis C, Chronic	256
• HIV/AIDS	6
• Lyme Disease.....	1
• Meningococcal disease	2
• Salmonella.....	17
• Syphilis, Early.....	1
• Tularemia	1
• West Nile fever	1
• TOTAL REPORTED CASES	529

In 2008, Oregon had one or more of the following cases reported; however, no cases were reported in Douglas County: Botulism (Infant), Brucellosis, Colorado Tick Fever, Dengue Fever, Hepatitis C (Acute), Legionellosis, Leptospirosis, Listeriosis, Malaria, Measles, Mumps, Pertussis, Psittacosis, Q Fever, Rabies (Animal), Relapsing Fever, Shigellosis, Taeniasis, Tuberculosis, Vibrio cholerae, Vibrio parahaemolyticus, Vibrio other, West Nile mening/enceph, and Yersiniosis.

HIV PREVENTION PROGRAM

In the US over one million Americans are living with HIV, and roughly 25% of these people are unaware of their HIV infection. The state HIV Program estimates that in 2008 there were 64 known HIV positive persons living in Douglas County.

New HIV initiatives refocus prevention services in four strategies:

- Make HIV testing a routine part of medical care;
- Implement new models for diagnosing HIV infections outside medical settings (rapid testing);
- Prevent new infections by working with persons with HIV and their partners; and
- Further decrease mother-to-infant transmission.

Local HIV Prevention services target:

- Persons Living with HIV/AIDS;
- Men who have Sex with Men (MSM); and
- IV Drug Users (IDU).

The health department provides Confidential or Anonymous HIV testing and Nurse Case Management of HIV Positive Clients. The local health department also subcontracts HIV services to a community based organization (CBO). The CBO provides HIV Testing and Counseling Outreach, Case Management of HIV Positive Clients, and Harm Reduction services. Information about the CBO is at www.harmreductioncenter.org.

TUBERCULOSIS PROGRAM

Douglas County had a TB rate of 0 cases per 100,000 population in 2008, while Oregon has a rate of 2 cases per 100,000 population. The health department does Direct Observation of Therapy (DOT). DOT involves providing TB drugs to the patient and watching as the patient swallows the medications over the entire 6 to 9 month course of treatment.

SEXUALLY TRANSMITTED DISEASE PROGRAM

Sexually transmitted diseases (STDs) are Oregon's most frequently reported infection. The STD Program prevents and controls infections with a focus on treatment of exposed sex partners. Every dollar spent on STD prevention saves an estimated two to twelve dollars by preventing infertility, tubal pregnancies, chronic pelvic pain, congenital disease, and conditions related to Hepatitis B and HIV.

DISEASE OUTBREAKS

There were 259 outbreaks of communicable disease in Oregon in 2008. There were 9 outbreaks reported in Douglas County – 3 were confirmed as Norovirus, 3 were probable varicella, 2 were influenza, and 1 was an outbreak of vomiting and diarrhea, but no lab confirmation was made.

HEALTH DEPARTMENT STATISTICS

- HIV Tests Done at Public Health..... 352
- HIV Tests Done by CBO 495
- Public Health HIV Tests that are Rapid Tests.... 71%
- CBO HIV Tests that are Rapid Tests 99%
- HIV tests for MSM, IDU, high risk 47%
- HIV + Clients Receiving Case Management..... 38
- Needles Distributed by CBO 36,536
- Needles Disposed of by CBO 34,583
- Condoms Distributed by Public Health..... 27,372
- Condoms Distributed by CBO 23,665
- PPD Screenings for TB 388
- Directly Observed Therapy Sessions..... 0
- TB Medication Refills for Latent TB..... 3
- Immigration Clients 9
- STD Clinic Visits..... 1130
- Gonorrhea Tests 533
- Chlamydia Tests 1556
- Chlamydia Tests Positive 88 or 47% of reported cases
- Syphilis Tests 220
- Hepatitis B Tests 245
- Hepatitis C Screenings..... 125
- Hepatitis C Screenings +..... 15
- Sharps Containers Distributed by Public Health ... 34