

CAPE MAY COUNTY DEPARTMENT OF HEALTH

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Cape May County Communicable Disease Update: January – December 2010¹

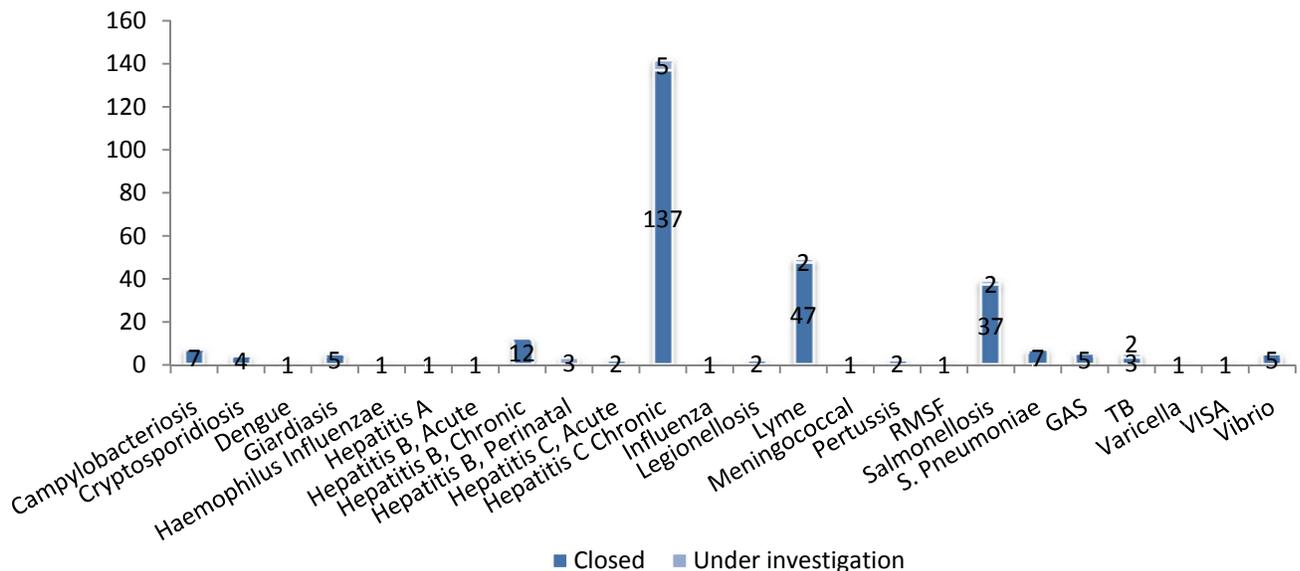
Table 1: Communicable Disease Activity Level	Jan – Dec 2010	Jan – Dec 2009	Jan – Dec 2008	Jan - Dec 2007
Number of communicable disease reports ²	509	608	586	489
Number of communicable disease cases ³	295 (58%)	340 (56%)	345 (59%)	294 (60%)
Number of reported disease outbreaks	9	6	4	10

The number of communicable disease reports received in 2010 (509) decreased by 16% as compared with 2009. The number of cases (reports that are investigated and determined to meet public health case definition) also decreased from 340 cases in 2009 to 295 cases in 2010. Fifty-eight percent of reports were classified as cases. The number of reported outbreaks increased, with 9 reports received. Out of the 9, 6 were determined to be outbreaks (3 were investigated and determined to not fit an outbreak definition). Out of the 6 outbreaks, 5 were reported from long-term care facilities and 1 from a school. Five outbreaks were gastrointestinal and were either laboratory confirmed or clinically compatible with norovirus. One outbreak was respiratory of unknown etiology.

In 2010 there were increased cases of chronic Hepatitis B, chronic Hepatitis C, Salmonella, S. Pyogenes (GAS), Tuberculosis, and Vibriosis. New cases (2008-2010), were reported for Babesiosis, Dengue, and VISA. There were decreased cases of Campylobacteriosis, Cryptosporidium, Giardia, Lyme disease, S. Pneumoniae, and Varicella.

While the number of Gonorrhea cases decreased slightly in 2009, cases of Chlamydia increased by 32%, from 172 cases in 2008 to 227 cases in 2009. This increase was most notable among males, which increased 66%.

Figure 1: Number of Closed Cases (Confirmed, Probable, Possible, n=286) and Cases Under Investigation (n=14), by Disease, January – December 2010⁴



¹ Reports run 02/4/11

² Includes all communicable diseases except STDs and TB, which are reported separately.

³ Includes 12 reports still under investigation

⁴ Note: Cases under investigation may not necessarily be confirmed cases and should be interpreted with caution. All numbers are preliminary until confirmed by NJDHSS. Cases include Tuberculosis.

Figure 2: Number of Reported STD Cases by Disease and Sex, January - December 2007-2009⁵

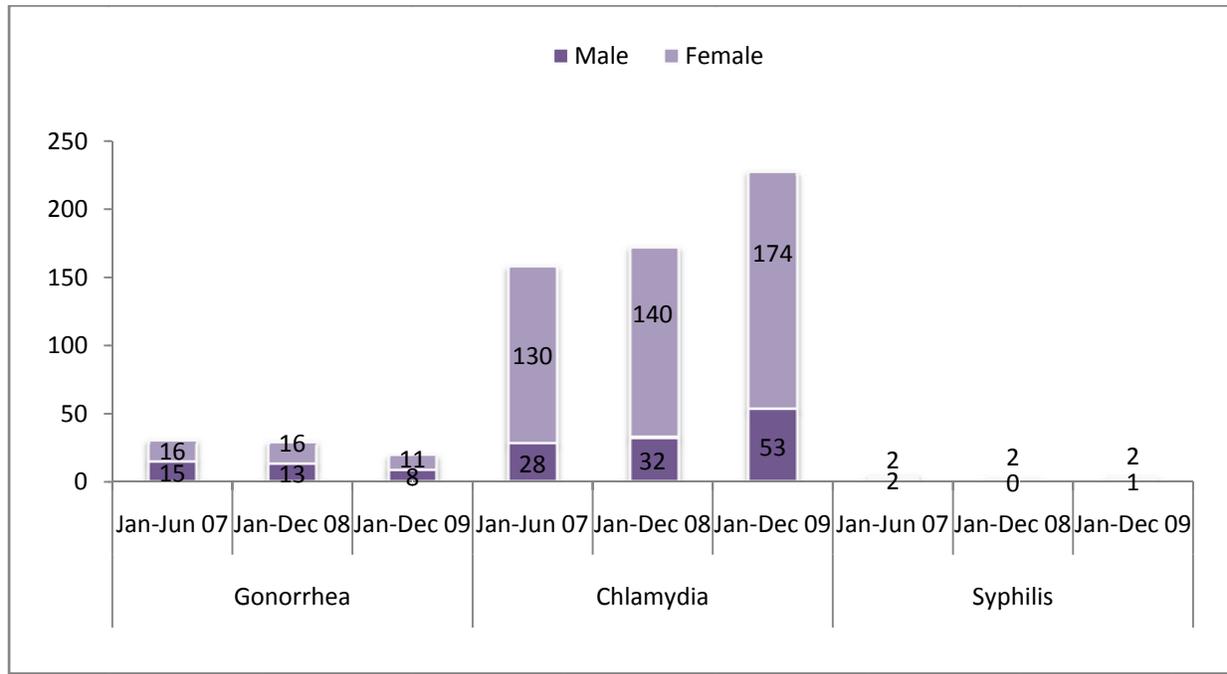
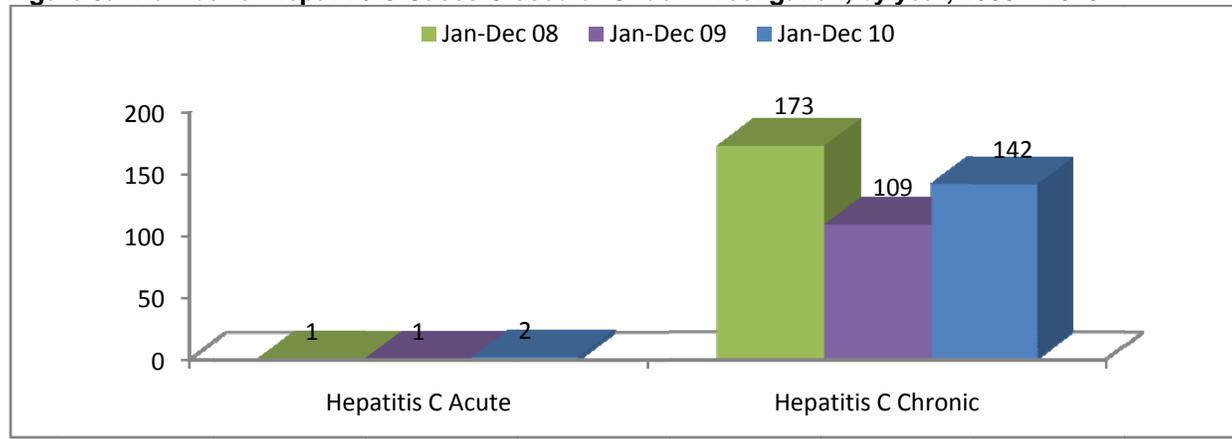


Table 2: Reported Disease Outbreaks, January – December 2010

Description	Setting	Initial Onset	Notes
Norovirus	Long-term care facility	Jan 10	38 ill; laboratory confirmed
Norovirus	Long-term care facility	Mar 10	57 ill; laboratory confirmed
Respiratory/unknown	Long-term care facility	Mar 10	7 ill; negative for influenza
GI/suspect norovirus	School	Mar 10	80 ill; no specimens obtained
Norovirus	Long-term care facility	Nov 10	52 ill; laboratory confirmed
GI/suspect norovirus	Long-term care facility	Dec 10	70 ill; 1 specimen + norovirus

Figure 3a: Number of Hepatitis C Cases Closed or Under Investigation, by year, 2008 – 2010



Additional information on communicable disease can be requested through:

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⁵ STD numbers for 2010 are unavailable from NJDHSS.

Figure 3b: Number of Cases Closed or Under Investigation, by Disease and Year, 2008 – 2010

