

IN THIS ISSUE:

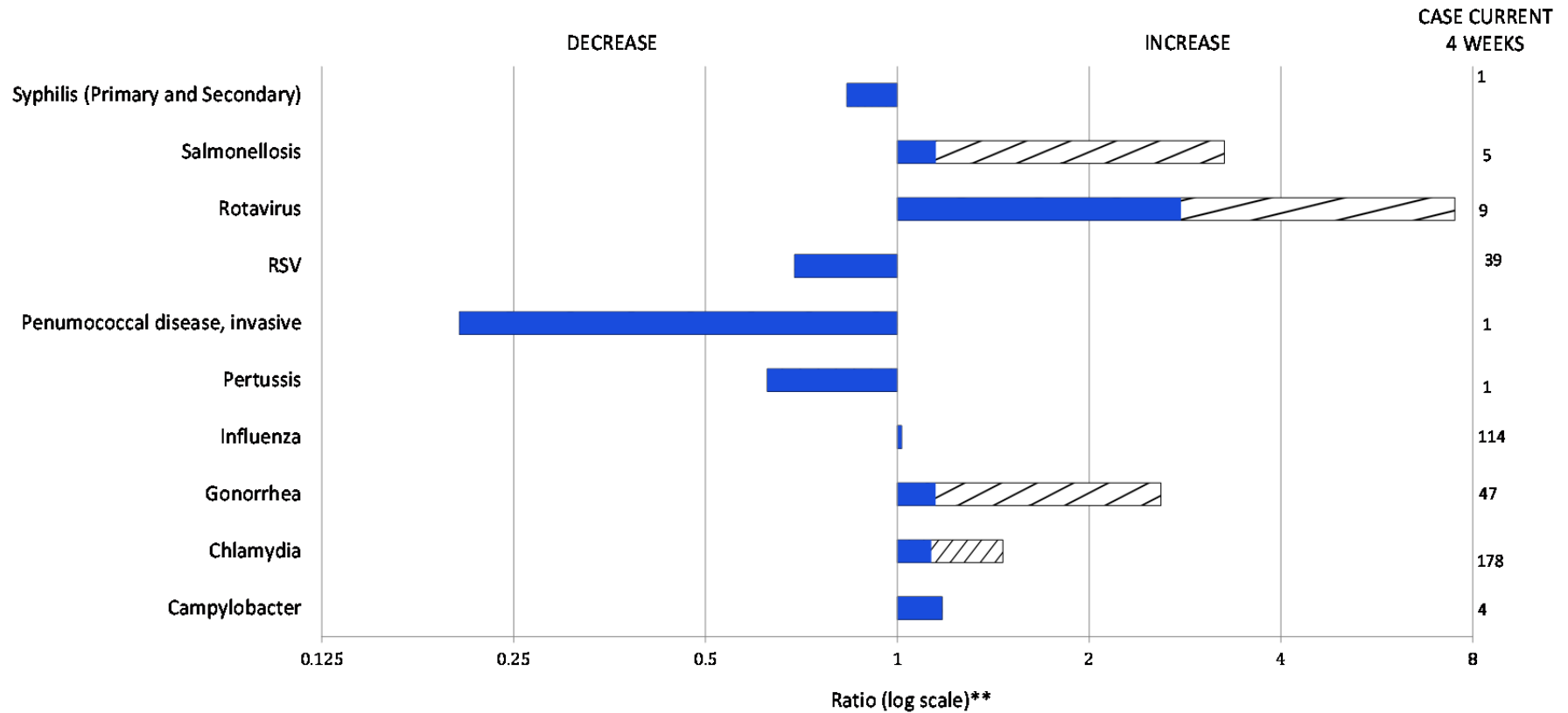
1. Washoe County Quarterly Communicable Disease Statistics Q1 2015
2. Figure 1. Selected Notifiable Disease Report Trend.

**Reported Cases of Selected Communicable Disease
Washoe County, January – March 2015**

DISEASE	1 st Quarter			Year to Date (Cumulative)		
	2013	2014	2015	2013	2014	2015
AIDS	2	3	1	2	3	1
Campylobacteriosis	8	9	7	8	9	7
Chlamydia	391	456	*535	391	456	*535
Cryptosporidiosis	2	1	1	2	1	1
E. coli O157:H7, EHEC/STEC, HUS	1	0	1	1	0	1
Giardiasis	3	4	3	3	4	3
Gonorrhea	62	122	*144	62	122	*144
Haemophilus influenzae type b (Hib)	0	0	0	0	0	0
Hepatitis A (acute)	0	0	0	0	0	0
Hepatitis B (acute)	1	1	2	1	1	2
Hepatitis B (chronic)	13	8	16	13	8	16
Hepatitis C (acute)	2	1	1	2	1	1
Hepatitis C (chronic)	175	195	232	175	195	232
HIV	8	6	6	8	6	6
Influenza (Types A, B, & unknown)	724	396	†††1,253	724	396	†††1,253
Measles (confirmed)	0	0	0	0	0	0
Meningitis, Viral or Aseptic	2	3	2	2	3	2
Meningococcal Disease	0	0	0	0	0	0
Pertussis (confirmed & Probable)	1	**26	3	1	**26	3
Pneumococcal Disease, Invasive	18	16	19	18	16	19
Rabies (bat)	0	0	0	0	0	0
Rotavirus	3	4	†27	3	4	†27
RSV	398	87	179	398	87	179
Salmonellosis	8	1	††13	8	1	††13
Shigellosis	0	0	4	0	0	4
Syphilis (Primary & Secondary)	*5	*9	*5	*5	*9	*5
Tuberculosis	1	1	1	1	1	1
West Nile Virus	0	0	0	0	0	0

* Increase in STDs and Syphilis outbreak continues into 2015; Epi-News distributed to physicians 5/28/2013. **Washoe County experienced a significant increase in pertussis consistent with national trend presumed to be due to waning immunity from acellular pertussis vaccine. †This increase is attributed to cyclic pattern variation and is consistent with other regions in the U.S. for this time period; these elevated numbers are well below the pre-vaccine (2006) levels. ††A cluster of six was identified. ††† During the first six of 13 weeks in Q1, influenza like illness (ILI) activities were well beyond the region 9 baseline and the peak of laboratory confirmation of influenza was in week 2.

FIGURE I. Selected notifiable disease reports, Washoe County, comparison of privisional 4-weeks totals , Week 9-12 (Ending on March 28), 2015, with historical data



No AIDS, Cryptosporidium, Hepatitis A, Acute Hepatitis B, Acute Hepatitis C, HIV, Rabies (bat), STEC, Meningitis Varal, Shigelosis, TB and West Nile Virus were reported for the current 4-week period yielding a ratio of zero (0).
 *Salmonellosis, Rotavirus, Gonorrhea and Chlamydia exceed historical limits significantly.
 **Ratio of current 4-week total to mean of 15 4-week totals (from previous, comparable, and subsequent 4-week periods for the past 5 years from 2010-2014). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

TO READ FIGURE 1

Figure 1 allows readers to compare reported morbidity for selected communicable diseases during the most current four weeks in comparison to the historical morbidities reported in 15 4-week periods in the past five years. For example, the total number of cases for gonorrhea in the current 4 week period (week 9-12) was 47; however, the average of 4-week total for comparison periods during the past five years was only 18. The ratio of current 4-week total to mean of 15 4-week totals is 2.6, which means that the reported gonorrhea is 2.6 times the average reported during the comparable time periods in the past five years. Although the incidence of primary & secondary syphilis is slightly decreased in this current 4-week period, the overall increase in the incidence of primary & secondary syphilis has been ongoing and we highly encourage healthcare providers to read the "Syphilis Provider Packet" developed by Washoe County Health District at <http://www.washoecounty.us/health/cchs/std.html#packet>.