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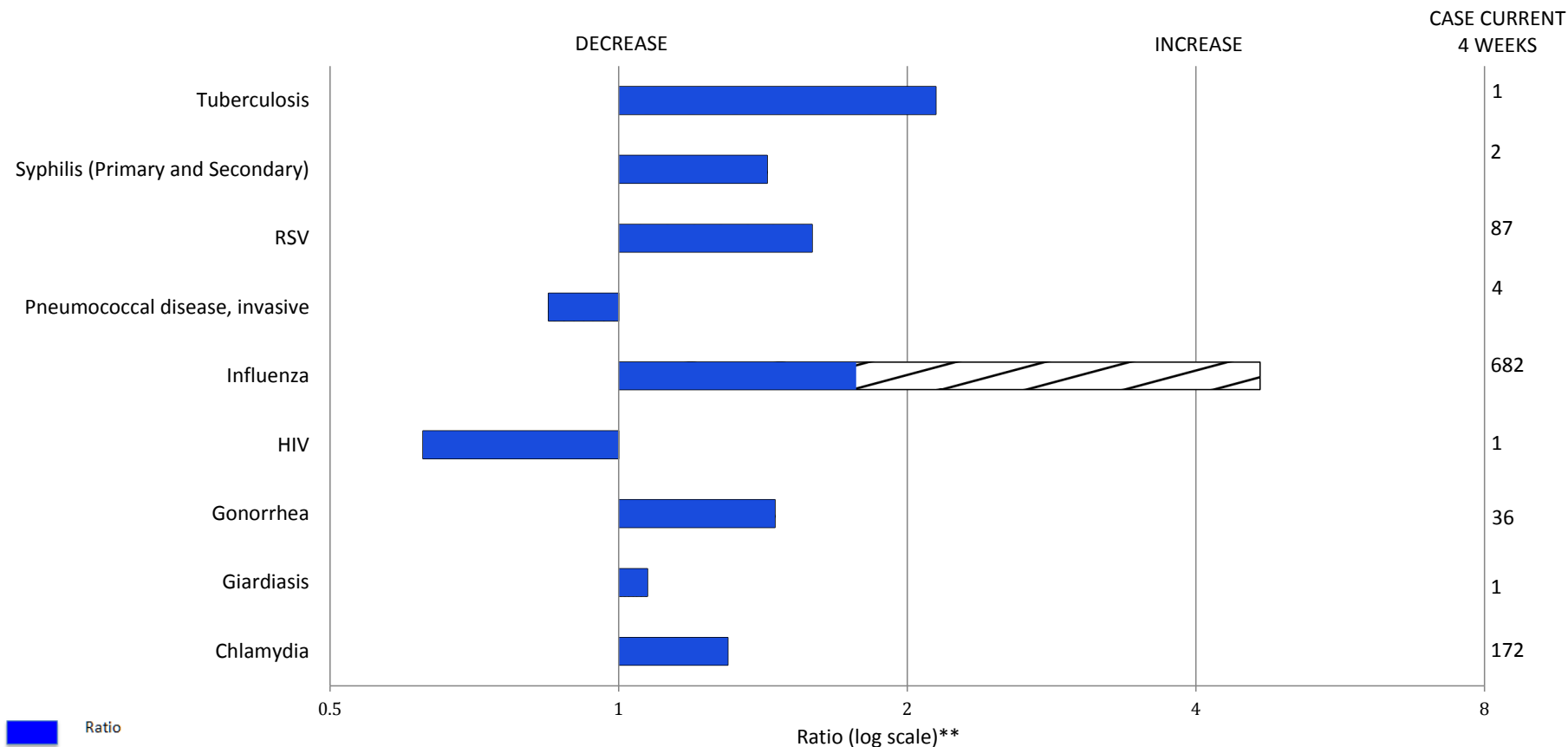
1. Washoe County Quarterly Communicable Disease Statistics Q1 2016
2. Figure 1. Selected Notifiable Disease Report Trend

**Reported Cases of Selected Communicable Disease
Washoe County, January – March 2016**

DISEASE	1 st Quarter			Year to Date (Cumulative)		
	2014	2015	2016	2014	2015	2016
AIDS	3	1	5	3	1	5
Campylobacteriosis	9	7	6	9	7	6
Chlamydia	456	535	561	456	535	561
Cryptosporidiosis	1	1	4	1	1	4
E. coli O157:H7, EHEC/STEC, HUS	0	1	0	0	1	0
Giardiasis	4	3	4	4	3	4
Gonorrhea	122	144	127	122	144	127
<i>Haemophilus influenzae</i> type b (Hib)	0	0	0	0	0	0
Hepatitis A (acute)	0	0	0	0	0	0
Hepatitis B (acute)	1	2	1	1	2	1
Hepatitis B (chronic)	8	16	17	8	16	17
Hepatitis C (acute)	1	1	0	1	1	0
Hepatitis C (chronic)	195	232	148	195	232	148
HIV	6	6	5	6	6	5
Influenza (Types A, B, & unknown)	396	†††1,253	†††1,293	396	†††1,253	†††1,293
Measles (confirmed)	0	0	0	0	0	0
Meningitis, Viral or Aseptic	3	2	1	3	2	1
Meningococcal Disease	0	0	0	0	0	0
Pertussis (confirmed & Probable)	*26	3	0	*26	3	0
Pneumococcal Disease, Invasive	16	19	17	16	19	17
Rabies (bat)	0	0	0	0	0	0
Rotavirus	4	†27	2	4	†27	2
RSV	87	179	336	87	179	336
Salmonellosis	1	††13	5	1	††13	5
Shigellosis	0	4	0	0	4	0
Syphilis (Primary & Secondary)	9	5	7	9	5	7
Tuberculosis	1	1	2	1	1	2
West Nile Virus	0	0	0	0	0	0

*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 of 2015 and week 5 through week 12 of 2016, influenza like illness (ILI) activities were well beyond the region 9 baseline.

FIGURE I. Selected notifiable disease reports, Washoe County, comparison of provisional 4-weeks totals , Week 9-12 (Ending on March 26), 2016, with historical data



No AIDS, Campylobacter, Cryptosporidium, HIV, Hepatitis A, Hepatitis B, Hepatitis C, Viral Meningitis, Pertussis, Rabies (bat), Rotavirus, STEC, Salmonellosis, Shigellosis, and West Nile Virus were reported for the current 4-week period yielding a ratio of zero (0).

*Influenza 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 2011-2015). 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 influenza in the current 4 week period (week 9-12) was 682; however, the average of 4-week total for comparison periods during the past five years was only 146. The ratio of current 4-week total to mean of 15 4-week totals is 4.7, which means that the reported influenza is 4.7 times the average reported during the comparable time periods in the past five years.