

# Regional Surveillance Report: June 2014

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## SUMMARY

- **Health Service Region 2**
  - There were a total of 24 cases reported in Health Service Region 2 for the month.
  - Reported cases of the following diseases differed from the five-year monthly median: Campylobacteriosis, Hepatitis C, acute, Legionellosis, Measles, Pertussis, Salmonellosis, Shigellosis, *Streptococcus pneumoniae*, invasive, and Vibrio infection (including cholera).
  - Reported cases of Salmonellosis were beyond historical limits for the five-year monthly median.
- **Health Service Region 3**
  - There were a total of 526 cases in Health Service Region 3 for the month.
  - Reported cases of the following diseases differed from the five-year monthly median: Amebiasis, Campylobacteriosis, Cryptosporidiosis, Cyclosporiasis, Hepatitis A, acute, Hepatitis B, acute, Hepatitis C, acute, Legionellosis, Mumps, Pertussis, Salmonellosis, Shiga toxin-producing *Escherichia coli* (STEC), Shigellosis, *Streptococcus pneumoniae*, invasive, Streptococcus, Invasive Group A, Streptococcus, Invasive Group B, Typhoid Fever, Varicella (Chickenpox), Vibrio infection (including cholera), VISA.
  - Reported cases Hepatitis C, acute, Shigellosis, and Vibrio infection (including cholera) were beyond historical limits for the five-year monthly median.
- **Outbreak Investigations**
  - A cryptosporidiosis outbreak was reported and investigated by DSHS in a private setting in Johnson County.
  - A measles outbreak was reported and investigated by Taylor County in a private setting associated with an outbreak in Kansas City, MO.

***Please see the following tables and figures for more details.***

*NOTE: Counts include confirmed and probable cases reported to the Texas Department of State Health Services via NEDSS (National Electronic Disease Surveillance System) in report month. Counts include conditions coordinated by the epidemiology branch only. Cases June be pending investigation and counts are subject to change. A map of the region can be found on the last page of this report. Counts beyond historical limits or differing from the five year median June be due to current or past outbreaks, seasonal variations, or infrequently reported diseases.*

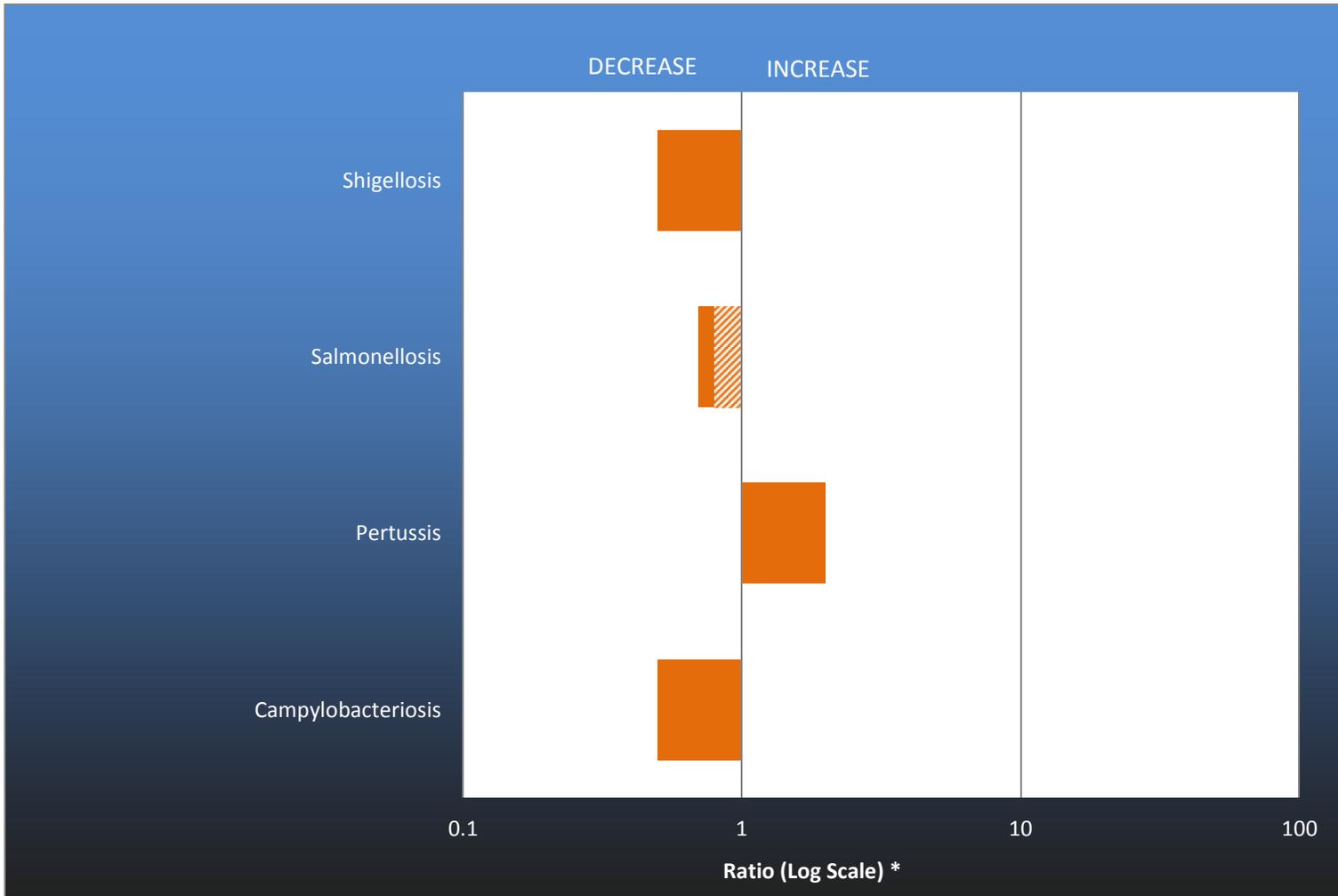
**Table 1: Reported Disease Case Counts in Health Service Region 2, June 2014**

Disease	June 2014	January - December 2014	5-Year Monthly Median F	Total Cases in Previous Years					Counties Reporting during June 2014 (Counts)
				2009	2010	2011	2012	2013	
Amebiasis	0	0	0	11	9	0	1	0	
Amebic meningitis and encephalitis	0	0	0	0	0	0	0	0	
Botulism (adult and infant)	0	0	0	0	0	0	0	0	
Campylobacteriosis	2	13	4	42	39	43	71	38	Clay (1), Eastland (1)
Creutzfeldt-Jakob Disease (CJD)	0	0	0	1	0	1	0	0	
Cryptosporidiosis	0	3	0	6	1	10	9	4	
Cyclosporiasis	0	0	0	0	1	0	0	4	
Diphtheria	0	0	0	0	0	0	0	0	
<i>Haemophilus influenzae</i> , invasive	0	0	0	0	0	0	0	0	
Hepatitis A, acute	0	1	0	4	4	4	5	3	
Hepatitis B, acute	0	4	1	19	13	9	7	4	
Hepatitis B, perinatal	0	0	0	0	0	0	0	0	
Hepatitis C, acute	1	4	0	11	5	2	0	4	Brown (1)
Hepatitis E, acute	0	0	0	0	0	0	0	0	
Influenza-associated pediatric mortality	0	0	0	2	1	0	0	0	
Legionellosis	1	2	0	0	3	2	4	3	Taylor (1)
Listeriosis	0	0	0	0	0	2	0	0	
Measles	1	1	0	0	0	0	0	0	Taylor (1)
MDROs†	1	1	0	0	0	0	0	0	Throckmorton (1)
Mumps	0	1	0	2	2	2	0	0	
<i>Neisseria meningitidis</i> , invasive	0	0	0	2	4	0	0	0	
Pertussis	4	16	2	15	15	9	31	77	Stephens (4)

Disease	June 2014	January - December 2014	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during June 2014 (Counts)
				2009	2010	2011	2012	2013	
Poliomyelitis, acute paralytic	0	0	0	0	0	0	0	0	
Rubella (including congenital)	0	0	0	0	0	0	0	0	
Salmonellosis	7	44	10	101	127	140	200	133	Brown (1), Clay (1), Eastland (1), Haskell (1), Taylor (2), Young (1)
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	1	11	1	12	9	20	13	15	Eastland (1)
Shigellosis	1	11	2	30	21	63	187	41	Jack (1)
Smallpox	0	0	0	0	0	0	0	0	
<i>Streptococcus pneumoniae</i> , invasive	1	15	0	0	10	18	24	14	Coleman (1)
Streptococcus, Invasive Group A	0	2	0	4	9	9	7	5	
Streptococcus, Invasive Group B	0	9	1	8	12	20	11	19	
Tetanus	0	0	0	0	0	0	0	0	
Typhoid Fever	0	1	0	0	0	0	0	0	
Varicella (Chickenpox)	3	16	3	171	34	112	84	48	Haskell (2), Stonewall (1)
Vibrio infection (including cholera)	1	1	0	0	1	3	0	1	Young (1)
VISA	0	0	0	0	0	0	1	1	
VRSA	0	0	0	0	0	0	0	0	
Yersiniosis	0	0	0	0	1	0	0	0	
<b>Total</b>	<b>24</b>	<b>156</b>		<b>441</b>	<b>321</b>	<b>469</b>	<b>655</b>	<b>414</b>	

† Calculated by determining the median of the incidence counts for the current month, the month preceding the current month, and the month following the current month, for the 5 preceding years. †MDROs=Multi Drug Resistant Organisms

**FIGURE I. Notifiable Diseases Exceeding Five-year Monthly Median for June 2014, Health Service Region 2**



\*Ratio of current monthly total to median of 15 month totals (from previous, comparable, and subsequent months for the past 5 years).

Current Ratio
  Historical Limits

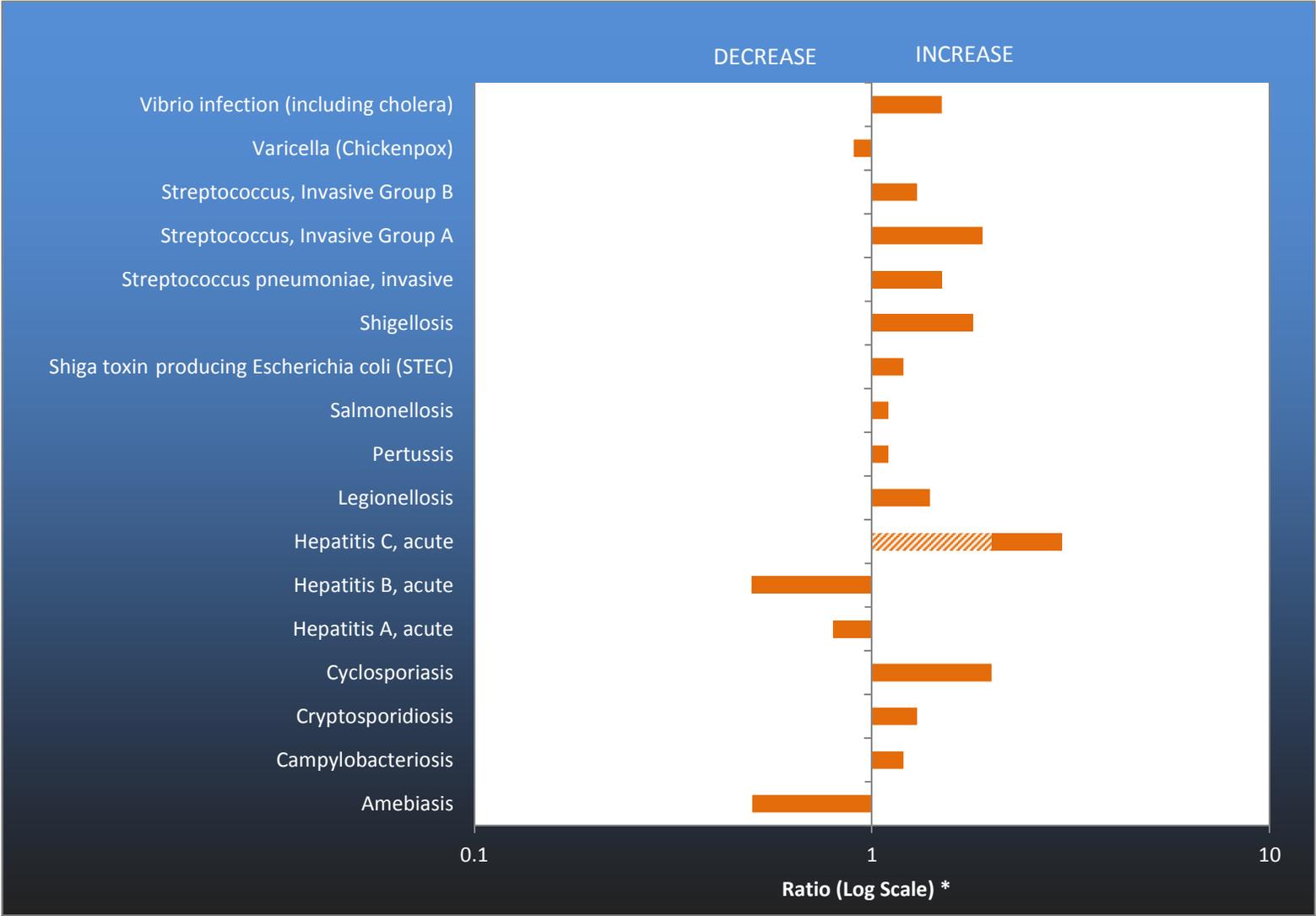
**Table 2: Reported Disease Case Counts in Health Service Region 3, June 2014**

Disease	June 2014	January - December 2014	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during June 2014 (Counts)
				2009	2010	2011	2012	2013	
Amebiasis	3	26	6	100	117	53	56	65	Collin (1), Dallas (2)
Amebic meningitis and encephalitis	0	0	0	0	1	0	0	0	
Botulism (adult and infant)	0	2	0	0	1	1	0	2	
Campylobacteriosis	73	258	61	493	374	438	572	606	Collin (7) Cooke (1), Dallas (23), Denton (4), Ellis (5), Johnson (2), Kaufman (3), Navarro (1), Parker (2), Rockwall (1), Tarrant (23), Wise (1)
Creutzfeldt-Jakob Disease (CJD)	0	0	0	7	10	2	6	1	
Cryptosporidiosis	12	45	9	119	164	126	98	128	Collin (4), Denton (1), Johnson(3), Rockwall (1), Tarrant (3)
Cyclosporiasis	2	5	1	7	8	9	13	183	Collin (1), Tarrant (1)
Diphtheria	0	0	0	0	0	0	0	0	
<i>Haemophilus influenzae</i> , invasive	0	2	0	1	2	1	2	0	
Hepatitis A, acute	4	16	5	79	64	55	62	27	Collin (1), Parker (1), Tarrant (2)
Hepatitis B, acute	2	13	4	155	130	42	38	24	Dallas (2)
Hepatitis B, perinatal	0	1	0	1	1	1	1	1	
Hepatitis C, acute	3	7	1	9	8	8	20	11	Collin (1), Cooke (1), Dallas (1)
Hepatitis E, acute	0	3	0	4	7	7	4	4	
Influenza-associated pediatric mortality	0	5	0	10	2	5	5	2	
Legionellosis	7	47	5	57	69	52	59	68	Collin (1), Dallas (3), Denton (1), Tarrant (2)
Listeriosis	0	0	1	8	5	14	8	9	
Measles	0	3	0	0	0	3	0	25	
MDROs†	19	45	0	0	0	0	0	0	Collin (1), Dallas (12), Navarro (1), Parker (1), Tarrant (4)
Mumps	1	3	0	11	12	7	5	1	Parker (1)
<i>Neisseria meningitidis</i> , invasive	0	2	0	17	13	10	13	13	

Disease	June 2014	January - December 2014	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during June 2014 (Counts)
				2009	2010	2011	2012	2013	
Pertussis	72	428	68	702	657	282	675	1,850	Collin (7), Dallas (19), Denton (2), Ellis (1), Hunt (1), Johnson (1), Parker (6), Rockwall (2), Tarrant (33)
Poliomyelitis, acute paralytic	0	0	0	0	0	0	0	0	
Rubella (including congenital)	0	0	0	0	0	0	0	0	
Salmonellosis	111	390	105	1,021	1,275	1,208	1,245	1,142	Collin (17), Dallas (37), Denton (5), Ellis (1), Fannin (3), Grayson (1), Hood (3), Hunt (1), Johnson (3), Kaufman (2), Parker (2), Rockwall (1), Tarrant (34), Wise (1)
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	16	108	13	93	148	145	125	162	Collin (1), Dallas (2), Denton (3), Erath (2), Grayson (1), Hood (1), Kaufman (1), Parker (1), Tarrant (3), Wise (1)
Shigellosis	70	317	38	260	630	676	376	667	Collin(3), Cooke(1), Dallas(20), Denton (4), Ellis (1), Fannin (2), Johnson (1), Navarro (1), Palo Pinto (15), Parker (2), Tarrant (20)
Smallpox	0	0	0	0	0	0	0	0	
<i>Streptococcus pneumoniae</i> , invasive	23	330	15	0	301	413	458	499	Dallas (10), Denton (2), Ellis (1), Johnson (1), Kaufman (1), Tarrant (7), Wise (1)
Streptococcus, Invasive Group A	17	130	9	104	111	152	104	118	Collin (1), Dallas (7), Denton (1), Johnson (1), Somervell (1), Tarrant (6)
Streptococcus, Invasive Group B	29	202	22	197	261	288	292	281	Collin (1), Cooke (1), Dallas (12), Ellis (3), Johnson (3), Navarro (3), Rockwall (1), Tarrant (5)
Tetanus	0	1	0	0	0	1	0	0	
Typhoid Fever	1	6	0	7	10	11	8	7	Collin (1)
Varicella (Chickenpox)	57	268	61	1,322	783	710	614	513	Collin (10), Dallas (8), Denton (10), Ellis (4), Fannin (1), Hunt (1), Johnson (2), Kaufman (2), Tarrant (16), Wise (3)
Vibrio infection (including cholera)	3	4	2	8	16	9	16	10	Dallas (1), Hood (1), Tarrant (1)
VISA	1	1	0	0	4	1	7	2	Collin (1)
VRSA	0	0	0	0	0	0	0	0	
Yersiniosis	0	3	0	4	5	4	5	12	
<b>Total</b>	<b>526</b>	<b>2,671</b>		<b>4,796</b>	<b>5,189</b>	<b>4,734</b>	<b>4,887</b>	<b>6,433</b>	

† Calculated by determining the median of the incidence counts for the current month, the month preceding the current month, and the month following the current month, for the 5 preceding years. †MDROs=Multi Drug Resistant Organisms

**FIGURE II. Notifiable Diseases Exceeding Five-year Monthly Median for June 2014, Health Service Region 3**



\*Ratio of current monthly total to median of 15 month totals (from previous, comparable, and subsequent months for the past 5 years).

Current Ratio
  Historical Limits

# Texas Department of State Health Services Health Service Regions 2 and 3

