



DEPARTMENT OF DEFENSE

AFHS Reportable Events Monthly Report



October 2015
Report Description

Reportable Events among all beneficiaries received from the Services over the past 5 years are used to create ranges with a lower and upper bound for the “Current Month” and the “Previous 12 Months” categories. The “Current Month” is compared to the same month of the previous 5 years. The “Previous 12 Months” data are compared to data from 5 years of similar 12 month periods. Counts greater than the upper bound in the 5-year range are displayed in **RED**. Counts below the lower bound in the 5-year range are displayed in **GREEN**. Current month comparisons are particularly useful for diseases with a seasonal trend. Executive summaries presented below are the most notable highlights of the data. The Armed Forces Reportable Medical Events Guidelines are available at <http://www.afhsc.mil/Home/ReportableEvents>

Gastrointestinal

- **Botulism** - The 2 cases in the last 12 months exceeded the range for the last 5 years.
- **Cryptosporidiosis** – There were 7 cases in October, which exceeded that month’s range for the previous 5 years, and the 39 cases in the last 12 months exceeded the range for the last 5 years.
- **Cyclospora** - The 6 cases in the last 12 months exceeded the range for the previous 5 years.
- **Shiga toxin-producing E. coli** – There were 41 cases in the last 12 months, exceeding the range for the last 5 years.
- **Shigellosis** –The 201 cases in the last 12 months exceeded the range for the 5 previous years.

Vector-borne

- **Arboviral Encephalitis** – There were 3 cases in October, which exceeded that month’s range over the past 5 years.
- **Rocky Mountain Spotted Fever** – The 5 cases in October exceeded that month’s range.

Vaccine Preventable

- **H. influenzae invasive**– The 2 cases in October exceeded that month’s range and the 18 cases in the last 12 months exceeded the range for the previous 5 years.

Tropical

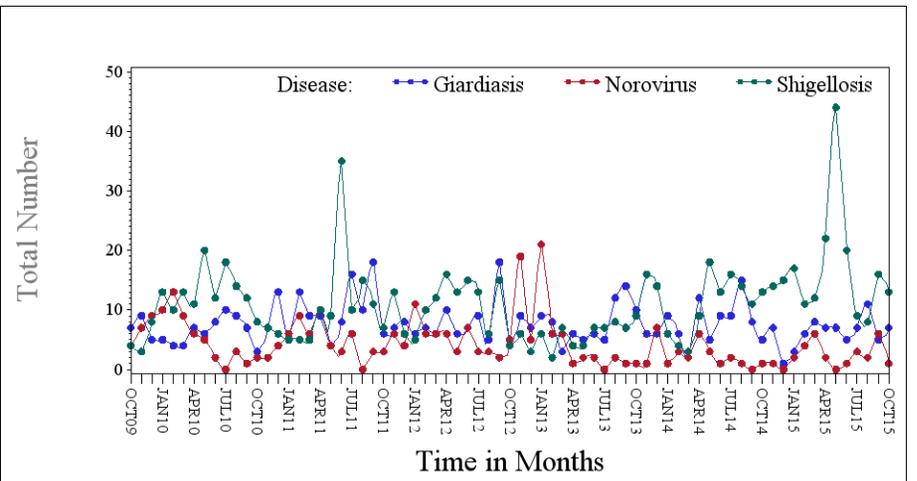
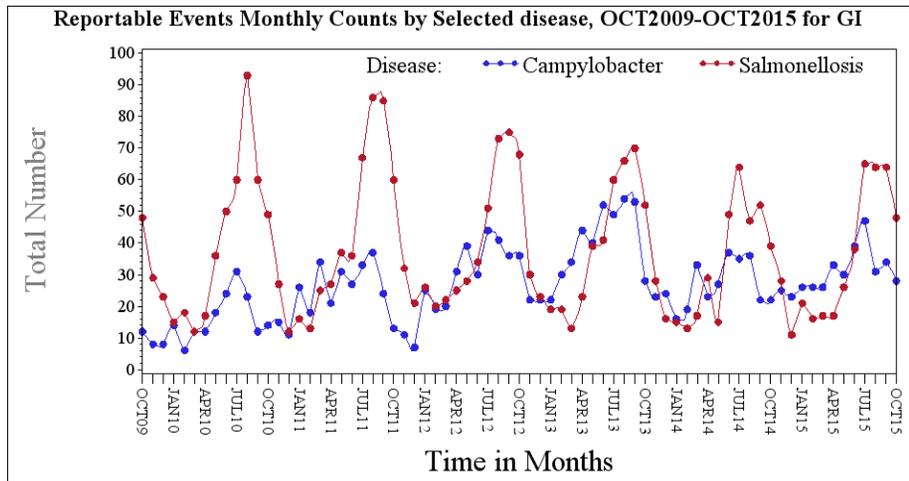
- **Rift Valley Fever** – The single case in the last 12 months exceeded the range over the last 5 years.
- **Trypanosomiasis** –The 7 cases in the last 12 months exceeded the range for the 5 previous years.

Sexually Transmitted

- **Chlamydia** – The 26,829 cases in the last 12 months exceeded the range for the previous 5 years.
- **Syphilis** –There were 46 cases in October exceeding that month’s range for the last 5 years. The 602 cases in the last 12 months exceeded the range for the previous 5 years.

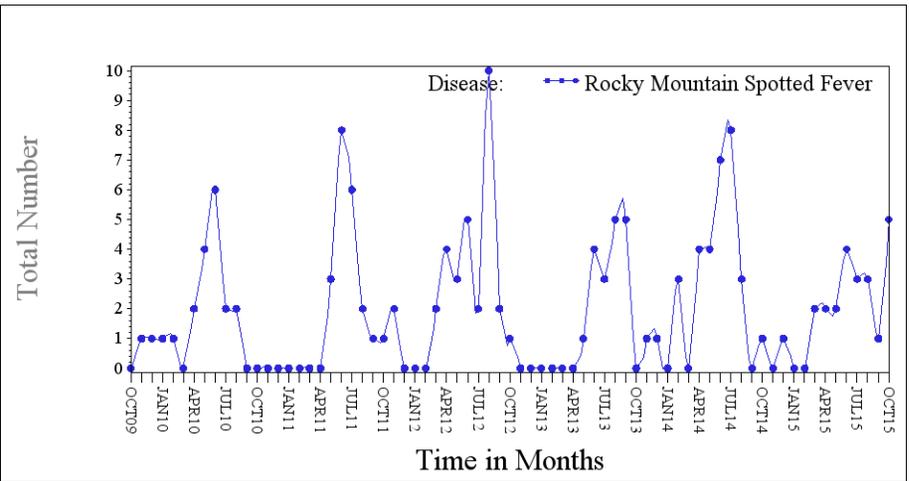
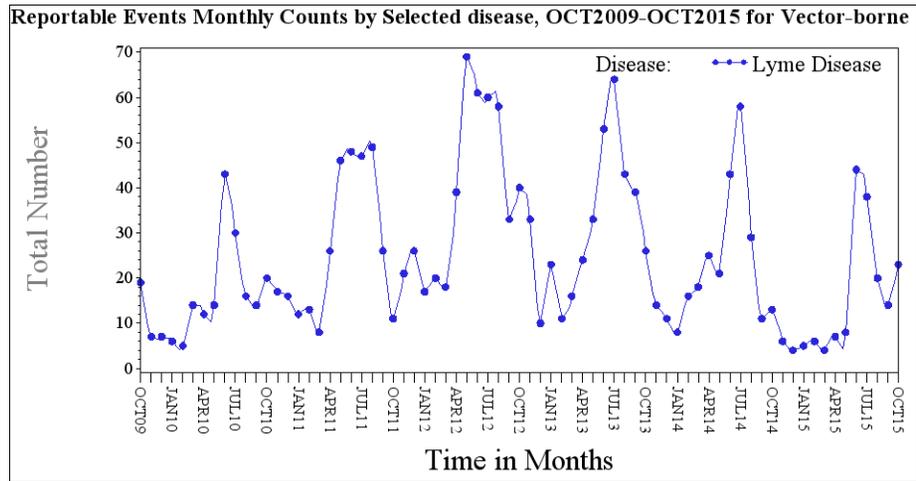
Reportable Events Summary Gastrointestinal

Current Month				Previous 12 Months			
Disease	OCT2015 Counts	2010-2014 Current months Median	2010-2014 Current months Range	Disease	NOV2014-OCT2015 Counts	NOV2009-OCT2014 Median	NOV2009-OCT2014 Range
Amebiasis	0	1	0 - 4	Amebiasis	12	11	7 - 19
Botulism	0	0	0 - 1	Botulism	2	0	0 - 1
Campylobacter	28	22	13 - 36	Campylobacter	368	317	182 - 450
Cholera	0	0	0 - 0	Cholera	1	1	0 - 4
Cryptosporidiosis	7	2	1 - 5	Cryptosporidiosis	39	22	9 - 35
Cyclospora	0	0	0 - 0	Cyclospora	6	0	0 - 1
Giardiasis	7	5	3 - 10	Giardiasis	74	93	77 - 118
Norovirus	1	2	1 - 5	Norovirus	28	62	28 - 67
Salmonellosis	48	52	39 - 68	Salmonellosis	415	462	384 - 491
Shiga toxin-producing E. coli	3	1	0 - 5	Shiga toxin-producing E. coli	41	23	22 - 32
Shigellosis	13	8	4 - 13	Shigellosis	201	128	70 - 142



Reportable Events Summary Vector-borne

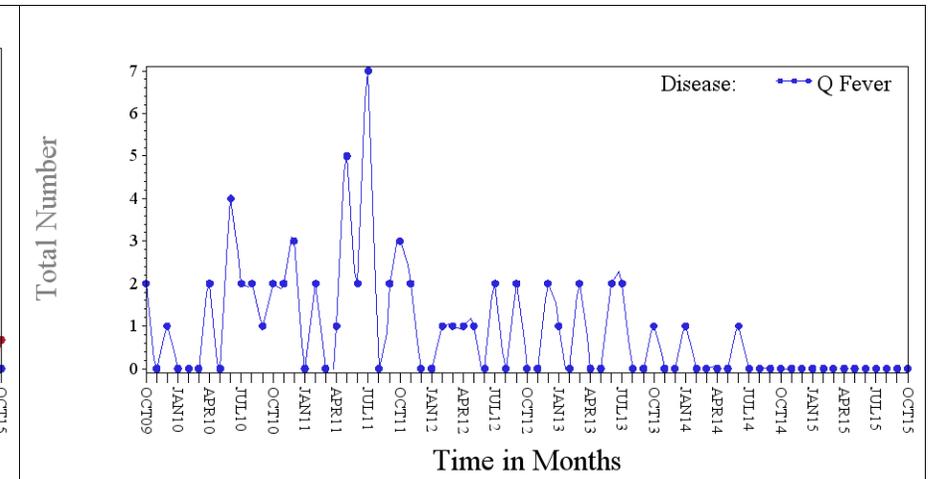
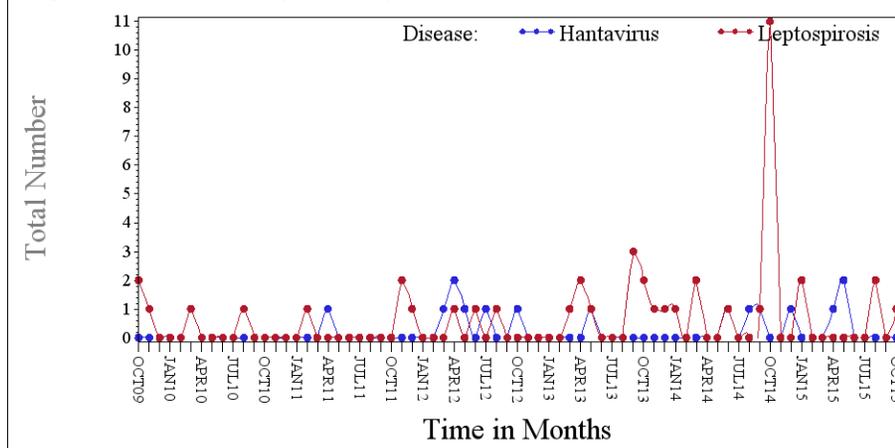
Current Month				Previous 12 Months			
Disease	OCT2015 Counts	2010-2014 Current months Median	2010-2014 Current months Range	Disease	NOV2014-OCT2015 Counts	NOV2009-OCT2014 Median	NOV2009-OCT2014 Range
Anaplasmosis/Ehrlichiosis	1	1	0 - 2	Anaplasmosis/Ehrlichiosis	2	9	4 - 9
Arboviral Encephalitis	3	0	0 - 1	Arboviral Encephalitis	4	3	1 - 22
Lyme Disease	23	20	11 - 40	Lyme Disease	179	319	188 - 462
Plague	0	0	0 - 0	Plague	0	0	0 - 0
Rocky Mountain Spotted Fever	5	1	0 - 1	Rocky Mountain Spotted Fever	23	21	18 - 32
Typhus Fever	0	0	0 - 1	Typhus Fever	1	2	0 - 2



Reportable Events Summary Zoonotic

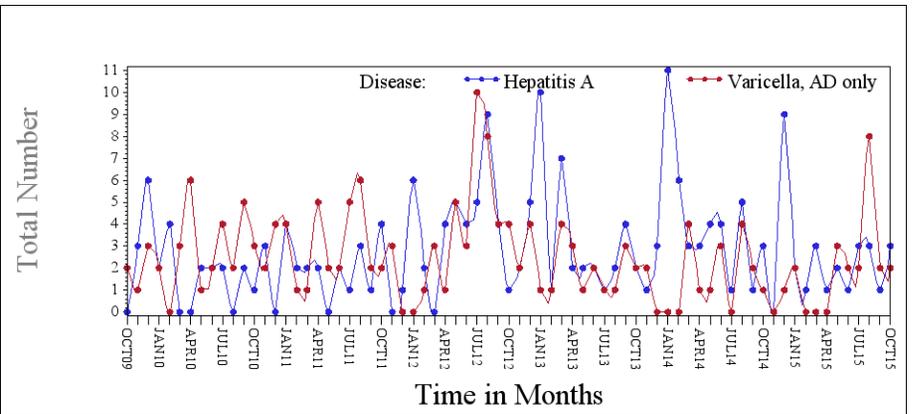
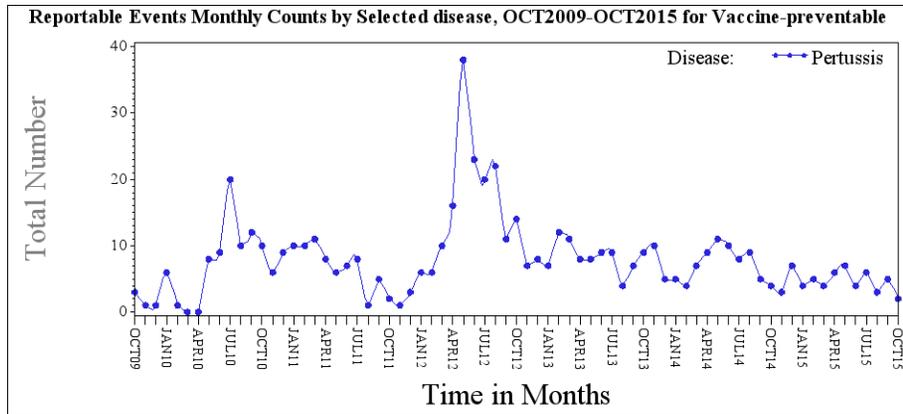
Current Month				Previous 12 Months			
Disease	OCT2015 Counts	2010-2014 Current months Median	2010-2014 Current months Range	Disease	NOV2014-OCT2015 Counts	NOV2009-OCT2014 Median	NOV2009-OCT2014 Range
Anthrax	0	0	0 - 0	Anthrax	0	0	0 - 0
Brucellosis	0	0	0 - 2	Brucellosis	0	2	1 - 4
Hantavirus	0	0	0 - 1	Hantavirus	4	1	1 - 6
Leptospirosis	1	0	0 - 11	Leptospirosis	5	6	1 - 18
Listeriosis	0	0	0 - 1	Listeriosis	1	3	1 - 5
Q Fever	0	1	0 - 3	Q Fever	0	10	2 - 27
Rabies	0	0	0 - 0	Rabies	0	1	0 - 3
Trichinosis	0	0	0 - 2	Trichinosis	6	7	6 - 8
Tularemia	0	0	0 - 0	Tularemia	1	1	0 - 3

Reportable Events Monthly Counts by Selected disease, OCT2009-OCT2015 for Zoonotic



Reportable Events Summary Vaccine-preventable

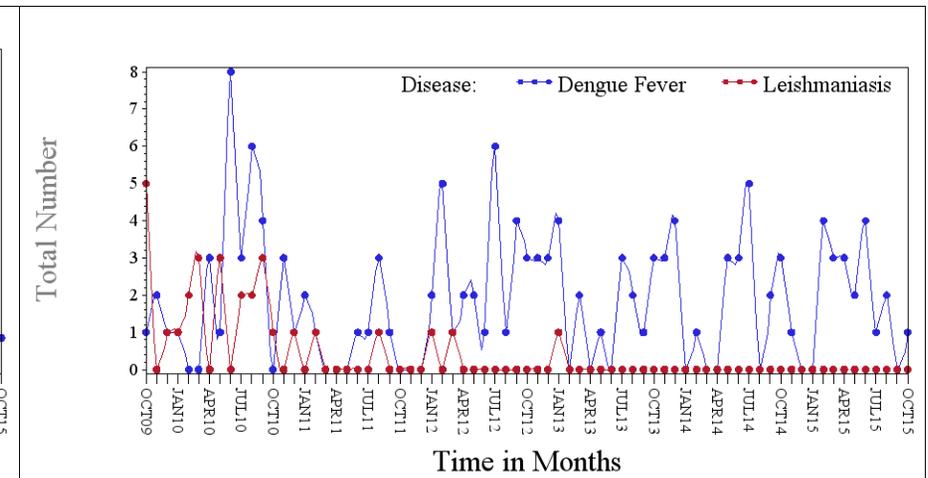
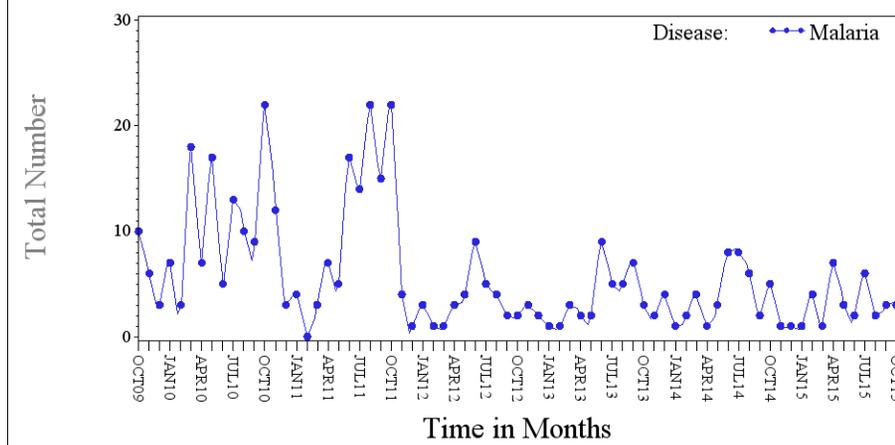
Current Month				Previous 12 Months			
Disease	OCT2015 Counts	2010-2014 Current months Median	2010-2014 Current months Range	Disease	NOV2014-OCT2015 Counts	NOV2009-OCT2014 Median	NOV2009-OCT2014 Range
Diphtheria	0	0	0 - 0	Diphtheria	1	0	0 - 1
H. influenzae invasive	2	1	0 - 1	H. influenzae invasive	18	10	5 - 11
Hepatitis A	3	2	1 - 4	Hepatitis A	29	40	24 - 45
Measles	0	0	0 - 0	Measles	1	2	0 - 5
Meningococcal Disease	0	0	0 - 1	Meningococcal Disease	5	11	4 - 12
Mumps	0	1	0 - 3	Mumps	10	17	6 - 28
Pertussis	2	9	2 - 14	Pertussis	56	87	78 - 170
Poliomyelitis	0	0	0 - 0	Poliomyelitis	0	0	0 - 0
Rubella	1	0	0 - 1	Rubella	1	1	0 - 2
Smallpox	0	0	0 - 0	Smallpox	0	0	0 - 0
Tetanus	0	0	0 - 0	Tetanus	0	0	0 - 0
Typhoid Fever	0	0	0 - 0	Typhoid Fever	2	2	0 - 5
Varicella, AD only	2	2	1 - 4	Varicella, AD only	22	32	18 - 42
Yellow Fever	0	0	0 - 0	Yellow Fever	0	0	0 - 0



Reportable Events Summary Tropical

Current Month				Previous 12 Months			
Disease	OCT2015 Counts	2010-2014 Current months Median	2010-2014 Current months Range	Disease	NOV2014-OCT2015 Counts	NOV2009-OCT2014 Median	NOV2009-OCT2014 Range
Dengue Fever	1	3	0 - 3	Dengue Fever	21	24	13 - 29
Filariasis	0	0	0 - 0	Filariasis	0	0	0 - 0
Hemorrhagic Fever	0	0	0 - 0	Hemorrhagic Fever	0	0	0 - 0
Leishmaniasis	0	0	0 - 1	Leishmaniasis	0	2	0 - 18
Leprosy	0	0	0 - 1	Leprosy	1	1	0 - 1
Malaria	3	5	2 - 22	Malaria	34	46	39 - 124
Relapsing Fever	0	0	0 - 0	Relapsing Fever	1	0	0 - 1
Rift Valley Fever	0	0	0 - 0	Rift Valley Fever	1	0	0 - 0
Schistosomiasis	0	0	0 - 1	Schistosomiasis	3	4	2 - 5
Trypanosomiasis	0	0	0 - 0	Trypanosomiasis	7	1	0 - 4

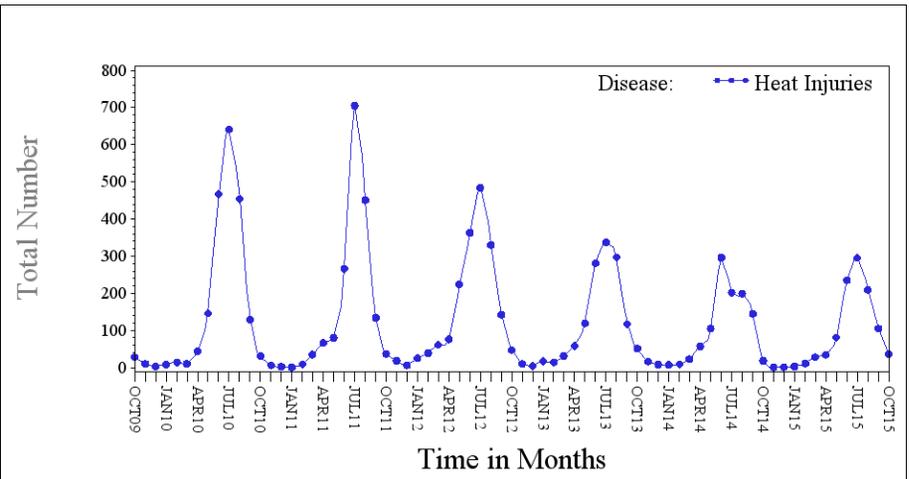
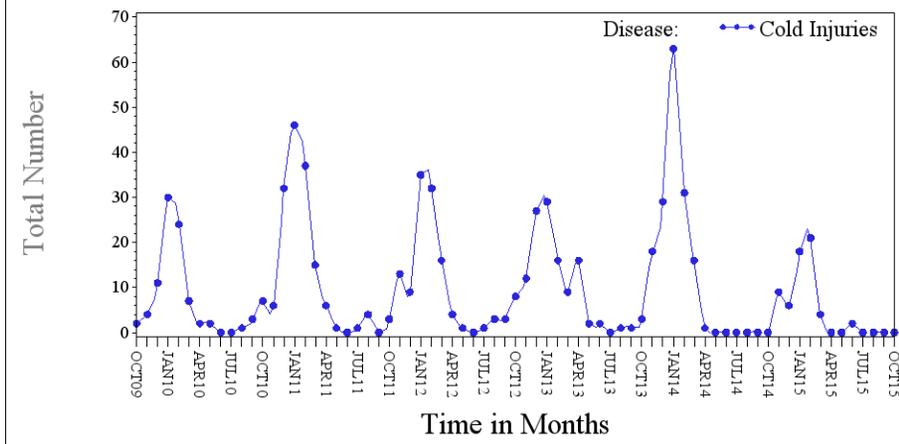
Reportable Events Monthly Counts by Selected disease, OCT2009-OCT2015 for Tropical



Reportable Events Summary Weather Related Illness

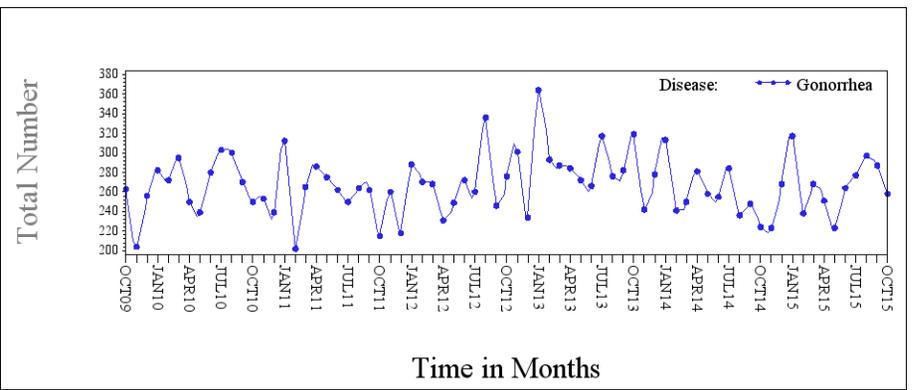
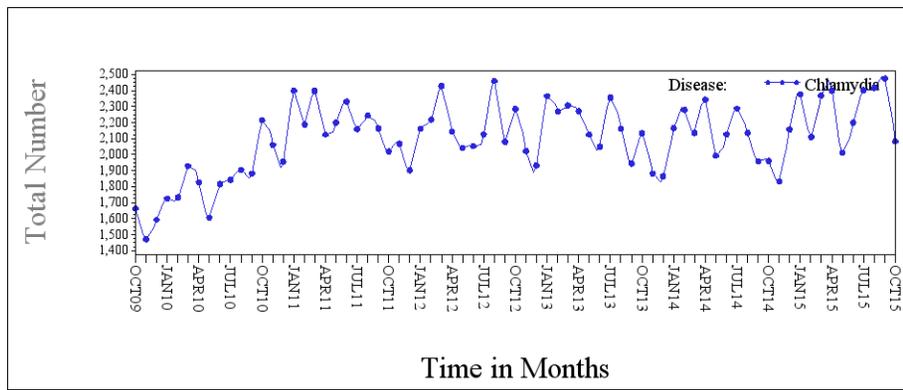
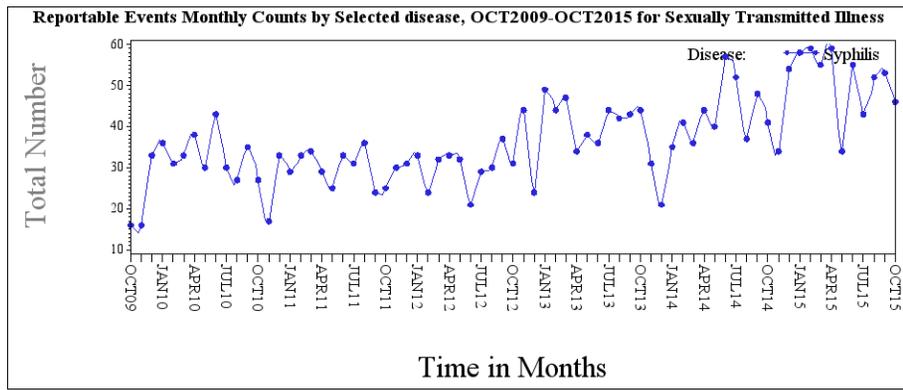
Current Month				Previous 12 Months			
Disease	OCT2015 Counts	2010-2014 Current months Median	2010-2014 Current months Range	Disease	NOV2014-OCT2015 Counts	NOV2009-OCT2014 Median	NOV2009-OCT2014 Range
Cold Injuries	0	3	0 - 8	Cold Injuries	60	125	91 - 158
Heat Injuries	36	37	18 - 51	Heat Injuries	1039	1792	1085 - 1957

Reportable Events Monthly Counts by Selected disease, OCT2009-OCT2015 for Weather Related Illness



Reportable Events Summary Sexually Transmitted Illness

Current Month				Previous 12 Months			
Disease	OCT2015 Counts	2010-2014 Current months Median	2010-2014 Current months Range	Disease	NOV2014-OCT2015 Counts	NOV2009-OCT2014 Median	NOV2009-OCT2014 Range
Chlamydia	2083	2134	1959 - 2285	Chlamydia	26829	25936	21540 - 26241
Gonorrhea	258	250	215 - 319	Gonorrhea	3171	3174	3085 - 3495
Syphilis	46	31	25 - 44	Syphilis	602	379	349 - 489



Reportable Events Summary Other

Current Month				Previous 12 Months			
Disease	OCT2015 Counts	2010-2014 Current months Median	2010-2014 Current months Range	Disease	NOV2014-OCT2015 Counts	NOV2009-OCT2014 Median	NOV2009-OCT2014 Range
Coccidioidomycosis	1	5	3 - 9	Coccidioidomycosis	17	65	47 - 84
Legionellosis	0	1	0 - 2	Legionellosis	14	13	7 - 15
Rheumatic Fever	0	0	0 - 0	Rheumatic Fever	1	3	1 - 6
Severe Acute Respiratory Syndrome	0	0	0 - 0	Severe Acute Respiratory Syndrome	0	0	0 - 0
Strep Group A invasive	2	4	1 - 17	Strep Group A invasive	70	60	48 - 96
Toxic Shock Syndrome	0	0	0 - 0	Toxic Shock Syndrome	2	1	0 - 6
Tuberculosis	0	2	0 - 5	Tuberculosis	23	35	20 - 54

Reportable Events Monthly Counts by Selected disease, OCT2009-OCT2015 for Other

