MINISTRY OF HEALTH
SINGAPORE

WEEKLY INFECTIOUS DISEASE BULLETIN
EPIDEMIOLOGICAL WEEK 16   17 - 23 Apr 2016

|	E Week	16		Cumulative first	16	Weeks
	2016*	2015	Median 2011 -2015	2016	2015	Median 2011 -2015
FOOD/WATER-BORNE DISEASES						
Campylobacteriosis	13	14	6	142	138	135
Cholera	0	0	0	1	0	0
Paratyphoid	0	2	0	10	15	11
Poliomyelitis	0	0	0	0	0	0
Salmonellosis (non-enteric fevers)	48	40	36	679	511	460
Typhoid	1	1	1	15	17	25
Acute Hepatitis A	1	1	2	17	15	22
Acute Hepatitis E	1	2	2	19	14	22
VECTOR-BORNE DISEASES						
Chikungunya Fever	0	2	2	7	12	12
Dengue Fever	231	113	113	7068	2602	2602
Dengue Haemorrhagic Fever	0	0	0	16	5	7
Malaria	1	1	4	6	10	22
Nipah virus infection	0	0	0	0	0	0
Plague	0	0	0	0	0	0
Yellow Fever	0	0	0	0	0	0
AIR/DROPLET-BORNE DISEASES						
Avian Influenza	0	0	0	0	0	0
Diphtheria	0	0	0	0	0	0
Encephalitis	0	1	1	7	10	10
Haemophilus influenzae type b	0	0	0	0	0	0
Hand, Foot And Mouth Disease	1052	693	504	12166	8836	5183
Legionellosis	1	1	1	4	9	9
Measles	6	2	1	24	14	17
Melioidosis	0	1	1	13	15	9
Meningococcal Disease	0	0	0	1	1	1
Mumps	5	13	13	124	152	173
Pertussis	0	1	0	21	19	6
Pneumococcal Disease (invasive)	2	0	2	37	34	42
Rubella	0	0	2	3	5	18
Severe acute respiratory syndrome	0	0	0	0	0	0
OTHER DISEASES						
Acute hepatitis B	7	2	2	23	18	16
Acute hepatitis C	0	0	0	4	4	1
MERS-CoV						
Suspect cases tested	2	NA	NA	54	NA	NA
Other patients tested	3	NA	NA	50	NA	NA
POLYCLINIC ATTENDANCES - AVERAGE DAILY NUMBER*						
Acute upper respiratory infections	2487	2534	2688			
Acute conjunctivitis	71	85	95			
Acute Diarrhoea	471	480	459			
Chickenpox	14	13	NA			
HIV/STI/TB NOTIFICATIONS	**2016**	**Mar**		**Cumulative 2016**		
HIV/AIDS	32			103		
Legally Notifiable STIs**	589			1835		
Tuberculosis	157			414		

Preliminary figures, subject to revision when more information is available.

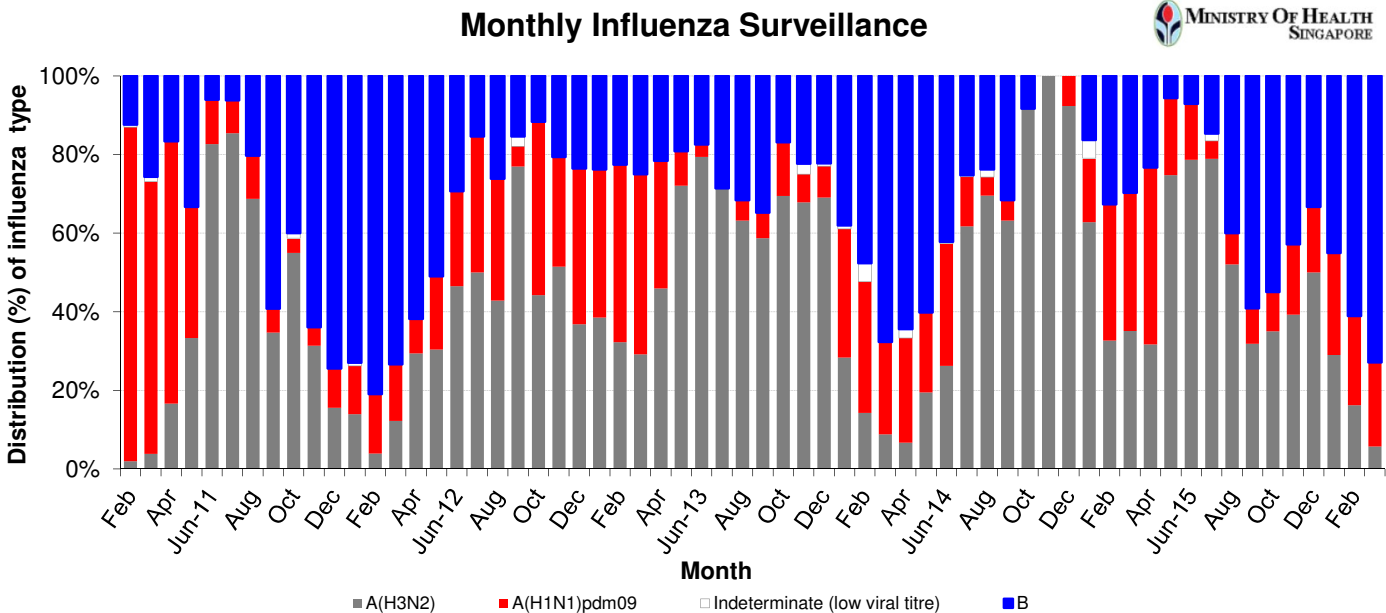| 2016 Notification	Epidemiological Week 16 17 - 23 Apr 2016		Cumulative first 15 Week	
FOOD/WATER-BORNE DISEASES				
Campylobacteriosis	13	Imported : sporadic Local : 13 sporadic Pending Investigation :	129	Imported : 3 sporadic Local : 126 sporadic Pending Investigation :
Cholera	0	Imported : sporadic Local : sporadic Pending Investigation :	1	Imported : 1 sporadic Local : sporadic Pending Investigation :
Paratyphoid	0	Imported : sporadic Local : sporadic Pending Investigation :	10	Imported : 9 sporadic Local : 1 sporadic Pending Investigation :
Salmonellosis (non-enteric fevers)	48	Imported : 3 sporadic Local : 44 sporadic Pending Investigation : 1	631	Imported : 17 sporadic Local : 610 sporadic Pending Investigation : 4
Typhoid	1	Imported : 1 sporadic Local : sporadic Pending Investigation :	14	Imported : 14 sporadic Local : sporadic Pending Investigation :
Acute Hepatitis A	1	Imported : sporadic Local : sporadic Pending Investigation :	16	Imported : 14 sporadic Local : 2 sporadic Pending Investigation :
Acute Hepatitis E	1	Imported : sporadic Local : 1 sporadic Pending Investigation : 1	18	Imported : 4 sporadic Local : 13 sporadic Pending Investigation : 1
VECTOR-BORNE DISEASES				
Chikungunya Fever	0	Imported : sporadic Local : sporadic Pending Investigation :	7	Imported : 5 sporadic Local : 2 sporadic Pending Investigation :
Dengue Fever	231	**Active** http://www.dengue.gov.sg	6837	
Dengue Haemorrhagic Fever	0		16	
Malaria	1	Imported : 1 sporadic Local : sporadic Pending Investigation :	5	Imported : 4 sporadic Local : 1 sporadic Pending Investigation :
AIR/DROPLET-BORNE DISEASES				
Encephalitis	0	Imported : sporadic Local : sporadic Pending Investigation :	7	Imported : 1 sporadic Local : 6 sporadic Pending Investigation :
Legionellosis	1	Imported : sporadic Local : sporadic Pending Investigation : 1	3	Imported : sporadic Local : 3 sporadic Pending Investigation :
Melioidosis	0	Imported : sporadic Local : sporadic Pending Investigation :	13	Imported : 3 sporadic Local : 10 sporadic Pending Investigation :
Meningococcal Disease	0	Imported : sporadic Local : sporadic Pending Investigation:	1	Imported : 1 sporadic Local : sporadic Pending Investigation :
OTHER DISEASES				
Acute hepatitis B	7	Imported : sporadic Local : sporadic Pending Investigation : 7	16	Imported : 1 sporadic Local : 15 sporadic Pending Investigation :
Acute hepatitis C	0	Imported : sporadic Local : Pending Investigation : 0	4	Imported : 1 sporadic Local : 3 Pending Investigation :

Influenza Situation in Singapore 2016

Influenza indicators for E-week 16 (17 Apr - 23 Apr 2016) are as follows:
The average daily number of patients seeking treatment in the polyclinics for ARI increased from 2,383 (over 5.5 working days) in E-week 15 to 2,487 (over 5.5 working days) in E-week 16.
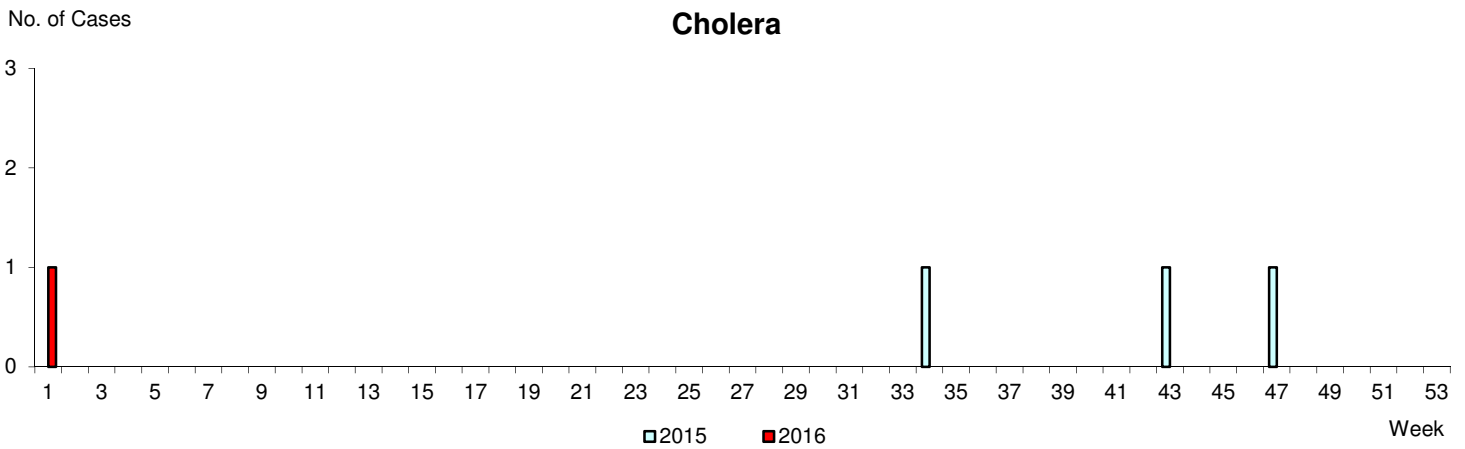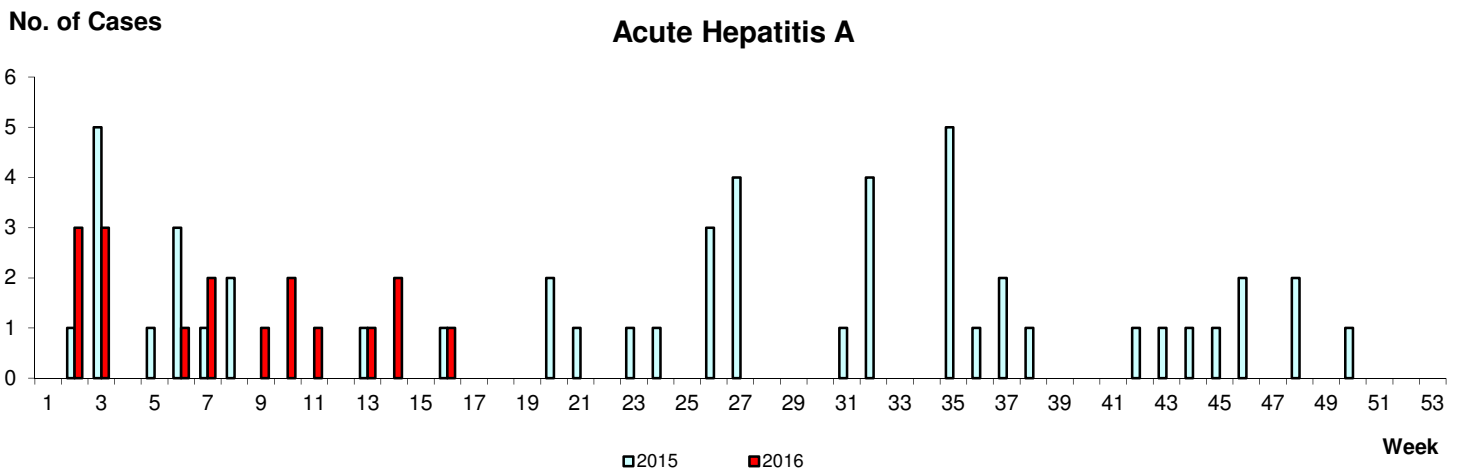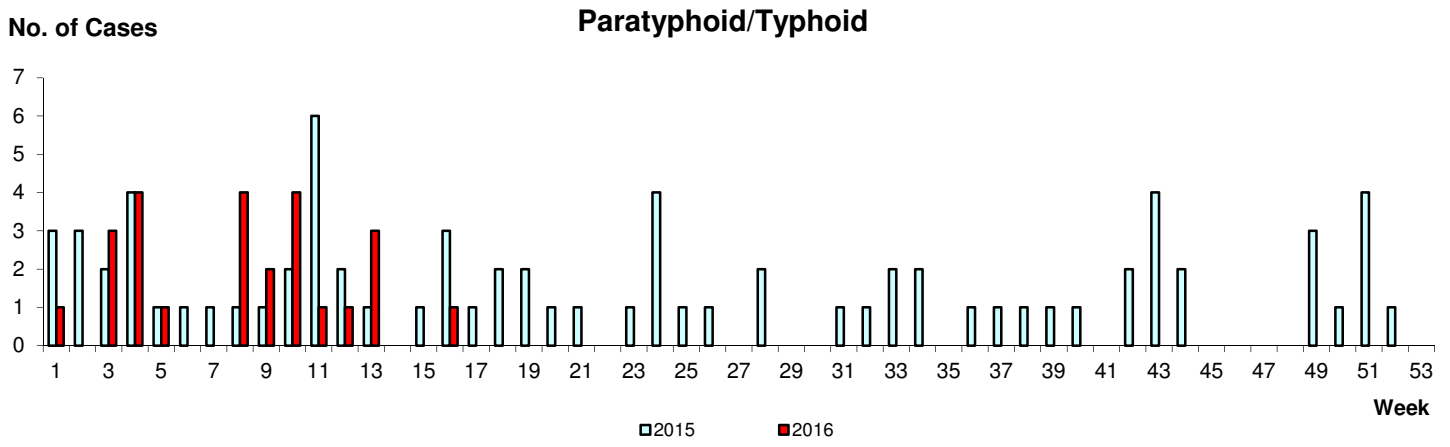
Polyclinic Attendances for Acute Respiratory Infection
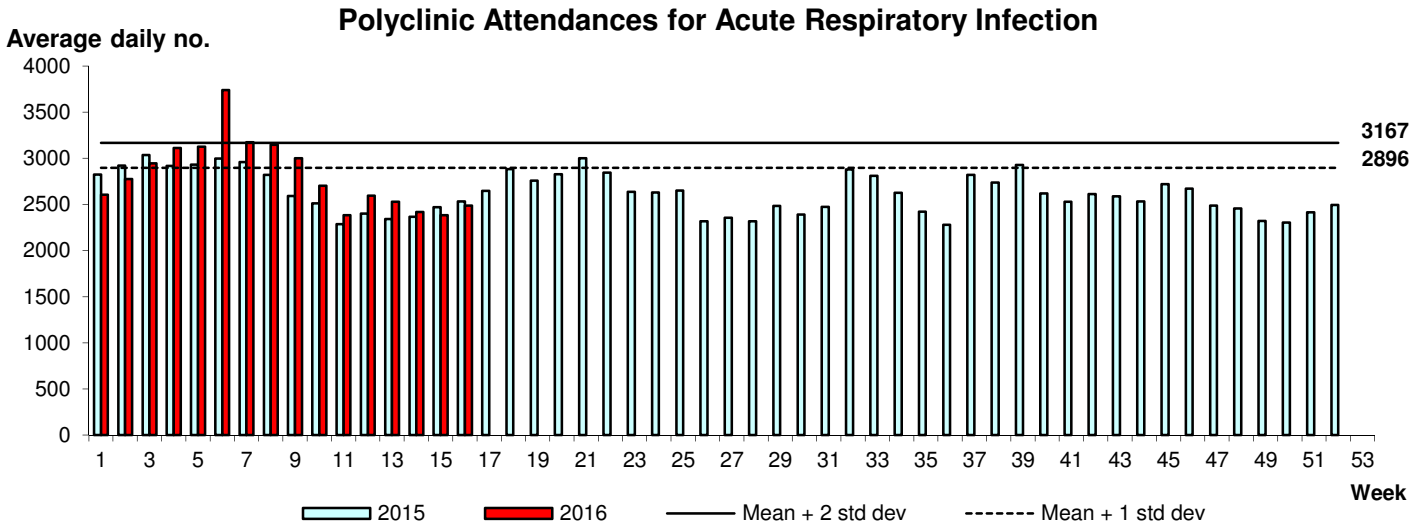
The proportion of patients with influenza-like illness (ILI) among the polyclinic attendances for ARI remained low at approximately 1%.
The overall prevalence of influenza among ILI samples (n=108) in the community was 38.0% in the past 4 weeks. Of the specimens tested positive for influenza in March 2016, these were positive for influenza B (72.9%), influenza A (H1N1)pdm09 (21.4%), and influenza A(H3N2) (5.7%).

Monthly Influenza Surveillance

* Based on influenza-like illness (ILI) samples from GPs and polyclinics

Paratyphoid/Typhoid

No. of Cases

☐2015　■2016

Week

Acute Hepatitis A

No. of Cases

☐2015　■2016

Week

Cholera

No. of Cases

☐2015　■2016

Week

WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2015-2016

Dengue Fever/Dengue Haemorrhagic Fever

No. of Cases

Legend: 2015 | 2016 | Mean + 2 std dev | Mean + 1 std dev
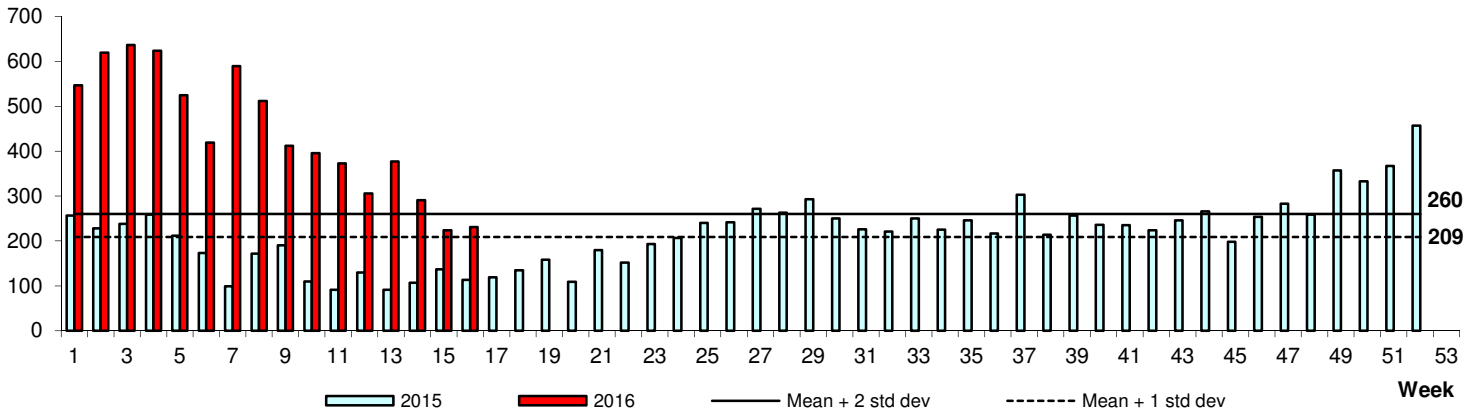
Chikungunya Fever

No. of Cases

Legend: 2015 | 2016

Malaria

No. of Cases

Legend: 2015 | 2016

WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2015-2016

Measles

No. of Cases

Week

2015   2016

Mumps

No. of Cases

Week

2015   2016

Rubella
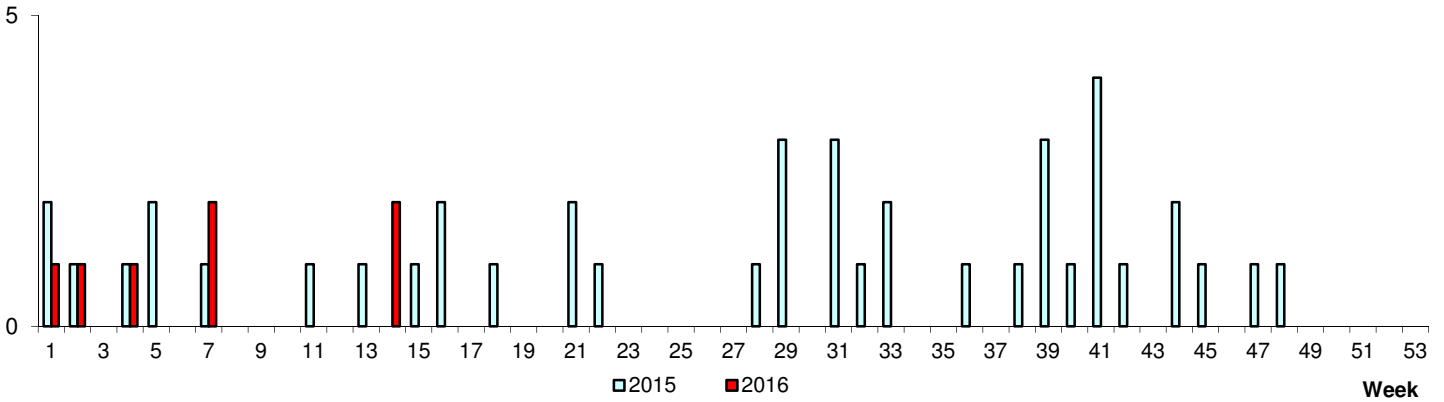
No. of Cases
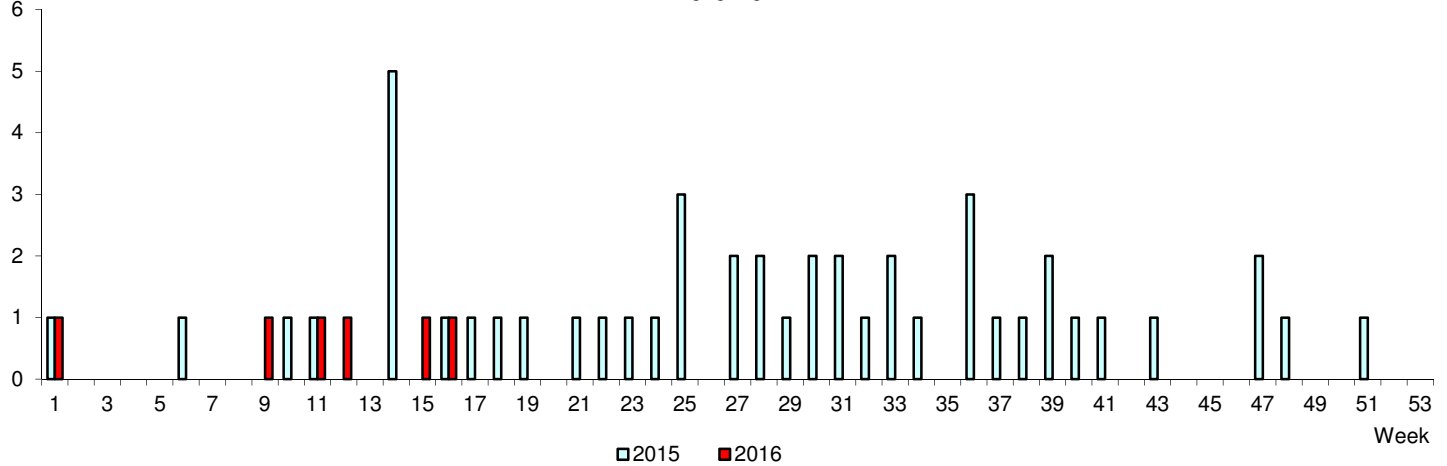
Week

2015   2016

WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2015-2016
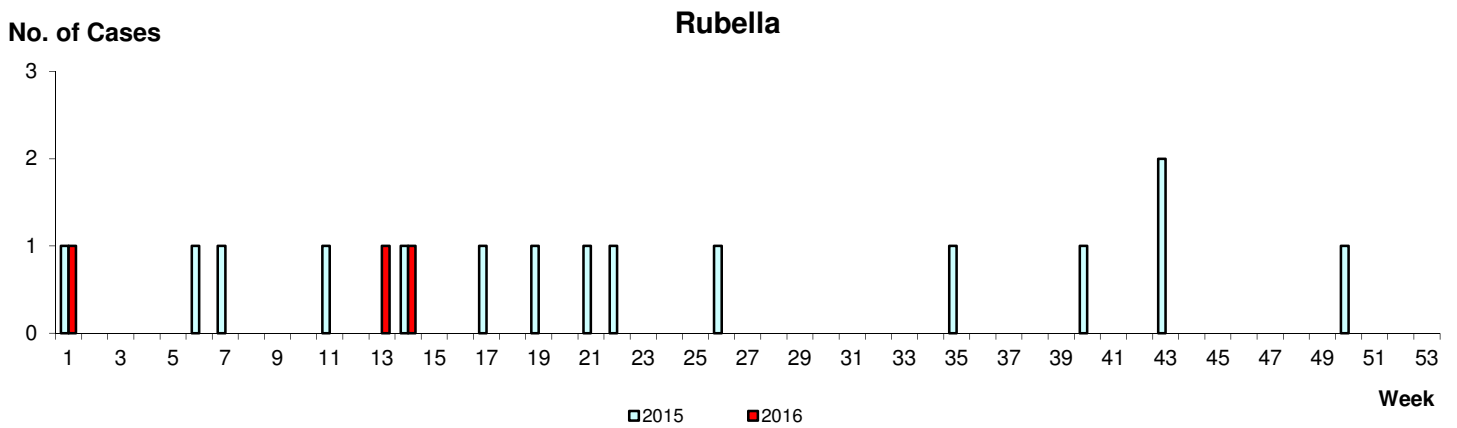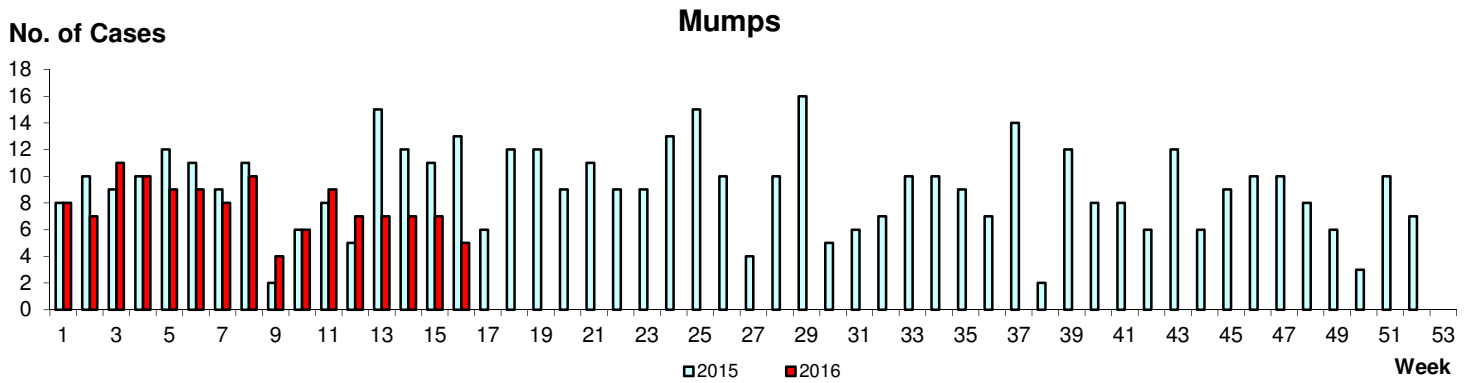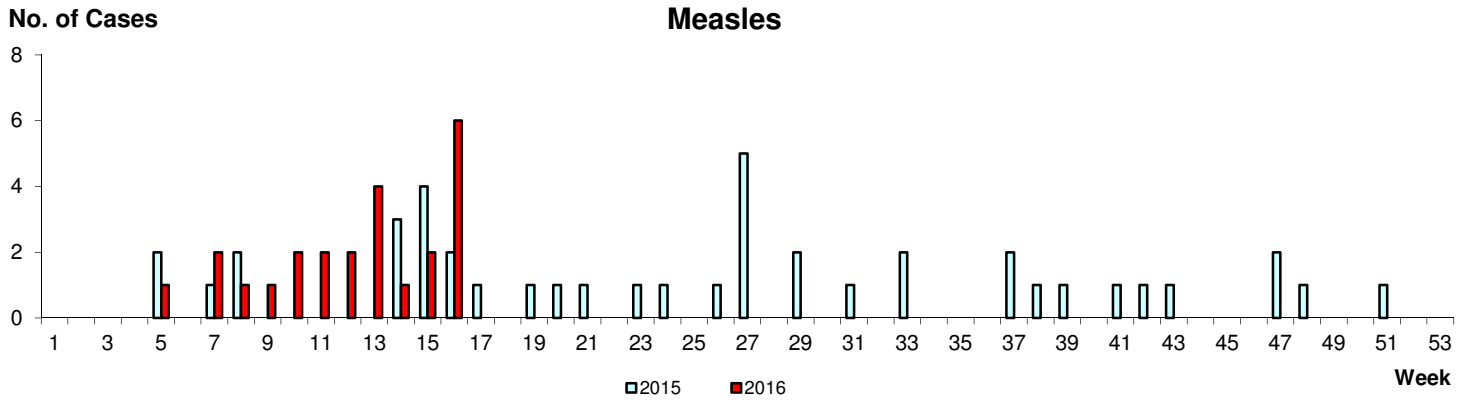
Hand, Foot & Mouth Disease

No. of Cases

760
607

2015   2016   Mean + 2 std dev   ------- Mean + 1 std dev
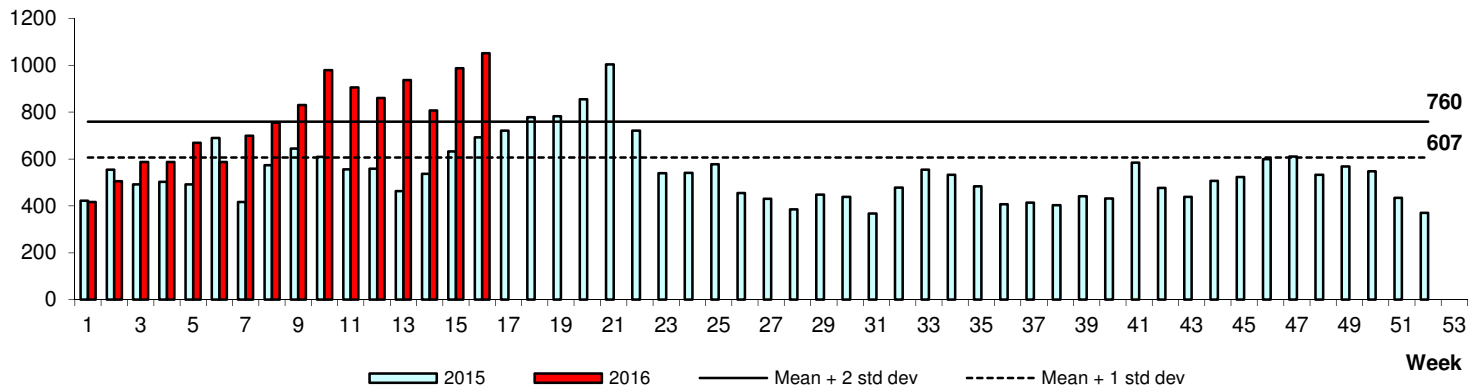
Week

WEEKLY INCIDENCE OF OTHER INFECTIOUS DISEASES, 2015-2016

Encephalitis

No. of Cases

□2015   ■2016

Week

Legionellosis

No. of Cases

□2015   ■2016

Week

POLYCLINIC ATTENDANCES, 2015-2016
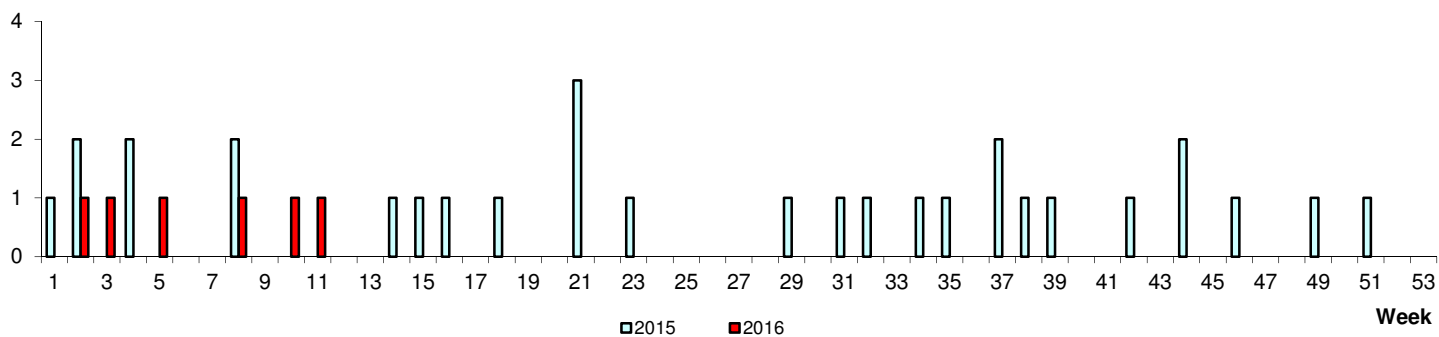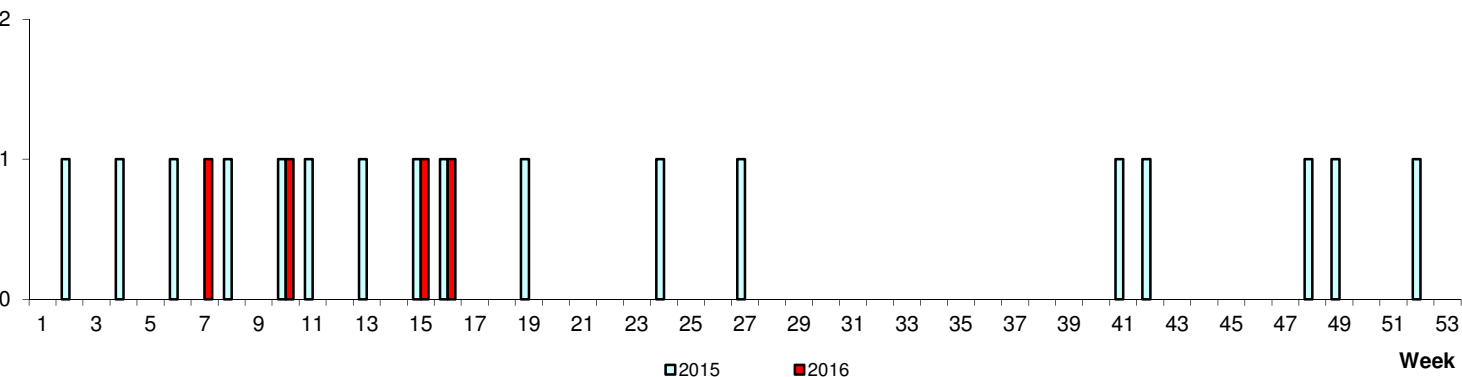
Conjunctivitis

Average daily no.

Legend: 2015 | 2016 | Mean + 2 std dev | Mean + 1 std dev

Diarrhoeal Illness

Average daily no.

Legend: 2015 | 2016 | Mean + 2 std dev | Mean + 1 std dev