



Weekly Report

On Epidemic – Prone Diseases, Deaths and Public Health Events

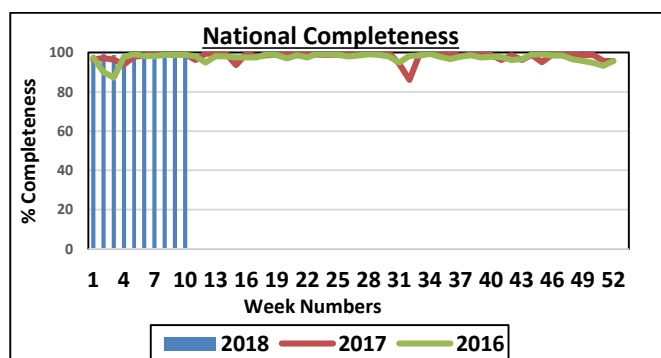
Week Number 10 of 2018 (Week Ending 11-03-18)

HIGHLIGHTS OF THE WEEK

- 3 maternal deaths.
- 6 suspected anthrax cases.
- 7 suspected measles cases.
- 207 snake bite cases
- 248 suspected typhoid cases.
- 1 suspected rabies case.

COMPLETENESS AND TIMELINESS

National completeness reported for Week Number 10 decreased from 99 to 98% and timeliness also increased from 91 to 92%.



TYPHOID

Two hundred and forty-eight suspected cases and 3 deaths were reported this week. These were reported from Mutare City in Manicaland (1), Parirenyatwa Group of Hospitals (7), Beatrice Road Infectious Diseases Hospital (BRIDH) (78), Southern District (59), West South West District (83) and Western District (18) all in Harare Province. The cumulative figures for typhoid are 4 134 suspected cases, 165 confirmed cases and 3 deaths. This is an ongoing outbreak which started on 1 October 2017.

CHOLERA

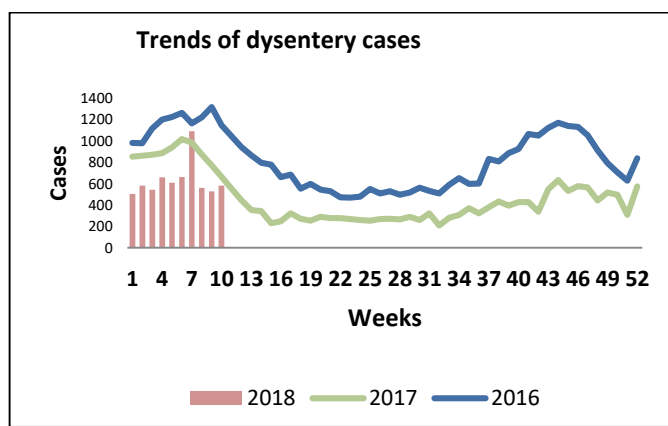
Five suspected cholera cases and no deaths were reported this week. These cases were reported from Chegutu district (4) in Mashonaland Province and Harare Central Hospital (1). The cumulative figures for suspected cholera cases are 112, of these 4 were confirmed and no deaths.

Harare City reported a new outbreak, the index case was reported on the 6th of March 2018.

DYSENTERY

Clinical dysentery cases reported this week were 583 and 4 deaths. The deaths were all from Parirenyatwa Group of Hospitals. Two were of under five years of age and the other two were of above five years of age.

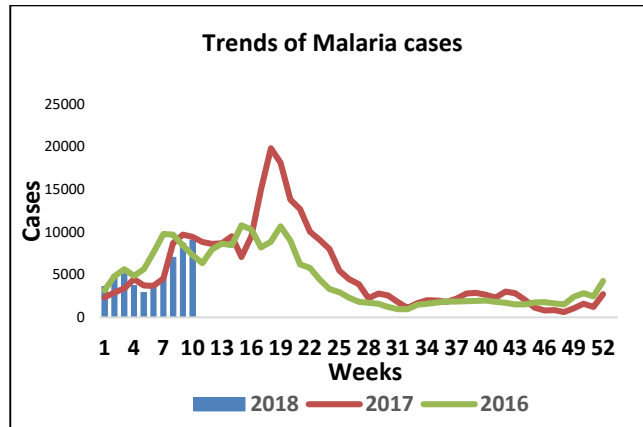
The provinces which reported the highest numbers of dysentery cases were Mashonaland Central (110) and Manicaland (101). The cumulative figures for clinical dysentery are 5 820 cases and 14 deaths. The CFR is 0.24 %.



MALARIA

A total of 8 676 malaria cases and 5 deaths were reported this week. The deaths were reported from Chitungwiza Central Hospital (1), Mutare District (2) in Manicaland Province, Gweru District (1) in Midlands Province and Makonde District (1) in Mashonaland West Province. Of the reported cases, 1 120 (12. 9%) and no deaths were from the under five years of age. The provinces which reported the highest numbers of malaria cases were Manicaland (3 677) and Masvingo (1 995). The cumulative figures for malaria were 44 447 cases and 45 deaths. The CFR is 0.11%.

All provinces are being reminded to investigate all malaria deaths.



ANTHRAX

Six new suspected cases of anthrax and no deaths were reported this week. The cases were reported from Buhera District (2) in Manicaland Province and Gokwe North District (4) in Midlands Province. The cumulative figures for anthrax are 50 cases and no deaths.

DOG BITES

A total of 640 cases of dog bites were reported this week. Of these cases, 408(63.8%) were bitten by dogs with unknown vaccination status, 107(16.7%) were bitten by unvaccinated dogs and 125(19.5%) were bitten by vaccinated dogs. Most of these cases were reported from Manicaland Province (103) and Midlands Province (102). The cumulative figures for dog bites are 5 685 cases and no deaths.

RABIES

One new suspected rabies case was reported from Mutasa District in Manicaland. Cumulative for suspected rabies case is now 1 and no death.

SNAKE BITES

The total snake bite cases reported this week were 207 and no death. The cumulative figures for snake bites were 1 823 cases and 12 deaths. The CFR is 0.7%.

PLAGUE

No suspected cases of plague were reported this year.

COMMON COLD / INFLUENZA

A total of 14 057 suspected influenza cases and 3 deaths were reported this week. The cumulative figures for common cold/influenza were 670 485 and 5 deaths.

PANDEMIC INFLUENZA A (H1N1)

No cases of Pandemic Influenza (H1N1) were reported since week 44 of 2010.

MEASLES

Seven new suspected cases of measles were reported this week through the Weekly Disease Surveillance System (WDSS). These cases were reported from Eastern District (1) in Harare Province, Mbire District (1) in Mashonaland Central, Umzingwane District (1) in Matabeleland South, Gweru District (1), Shurugwi District (3) both in Midlands Province. The cumulative figures for suspected measles were 42 cases.

Fifteen new suspected measles cases were reported this week through the Case Based Surveillance System (CBSS). The cumulative figure for suspected measles is 54.

ACUTE FLACCID PARALYSIS / POLIOMYELITIS

Three new suspected cases of AFP were reported this week, through the Weekly Disease Surveillance System. These were reported from Mutasa District (1) in Manicaland, Shurugwi District (1) in Midlands Province and Mwenezi District (1) in Masvingo Province. The cumulative figure for AFP reported through the WDSS is 10.

No new suspected cases of polio were reported this week through the Case Based Surveillance System. The cumulative figure for suspected polio reported through the CBSS remained 32.

NEONATAL TETANUS (NNT)

No new case of NNT was reported this week through the WDSS. The cumulative figure for NNT remained 3.

No new suspected case of NNT was reported this year through the Case Based Surveillance System.

MENINGOCOCCAL MENINGITIS

No new cases of meningococcal meningitis case were reported this year.

MATERNAL DEATHS

Three maternal deaths were reported this week. The deaths were reported from Chegutu District (1) in Mashonaland West Province, Chitungwiza Central Hospital (1) and Parirenyatwa Group of Hospitals (1). The cumulative figure for maternal deaths is 47.

WEEKLY DISEASE SURVEILLANCE TABLE FOR WEEK 11 ENDING 18-03-18

	Expected	Submitted	Dysentery	C. Malaria <5cases	C. Malaria <5 deaths	C. Malaria >5cases	C. Malaria >5 deaths	Measles	AFP	NNT	Dog bites	Snake Bites	Rabies	Cholera	Anthrax	Typhoid	Maternal Deaths	Plague	influenza	Completeness	Timeliness
Chikomba	33	33	0	0	0	0	0	0	0	0	10	1	0	0	0	0	0	0	445	100	100
Goromonzi	29	29	8	7	0	80	0	0	0	0	7	1	0	0	0	0	0	0	0	100	100
Hwedza	14	14	2	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	336	100	93
Marondera	23	23	0	1	0	7	0	0	0	0	4	2	0	0	0	0	0	0	559	100	96
Mudzi	28	28	9	107	0	781	0	0	0	0	6	3	0	0	0	0	0	0	760	100	96
Murewa	29	29	4	1	0	28	0	0	0	0	5	1	0	0	0	0	0	0	922	100	100
Mutoko	27	27	7	36	0	345	0	0	0	0	15	5	0	0	0	0	0	0	1012	100	100
Seke	17	17	4	0	0	2	0	0	0	0	7	6	0	0	0	0	0	0	404	100	100
UMP	20	20	15	16	0	94	0	0	0	0	8	0	0	0	0	0	0	0	462	100	100
Mash East	220	220	49	168	0	1338	0	0	0	0	63	19	0	0	0	0	0	0	4900	100	99
Bindura	21	21	11	1	0	7	0	0	0	0	10	1	0	0	0	0	0	0	2	100	96
Centenary	13	13	7	42	0	100	0	0	0	0	5	2	0	0	0	0	0	0	1	100	92
Guruve	21	21	3	4	0	28	0	0	0	0	10	3	0	0	0	0	0	0	0	100	91
Mazowe	31	31	25	4	0	9	0	0	0	0	14	9	0	0	0	0	1	0	550	100	100
Mbire	13	13	5	11	0	105	0	0	0	0	2	2	0	0	0	0	0	0	0	100	100
Mount Darwin	22	22	20	24	0	159	0	0	0	0	5	7	0	0	0	0	0	0	92	100	100
Rushinga	12	12	20	16	0	114	0	0	0	0	3	3	0	0	0	0	0	0	240	100	100
Shamva	16	16	19	7	0	41	0	0	0	0	8	4	0	0	0	0	0	0	409	100	100
Mash Central	149	149	110	109	0	563	0	0	0	0	57	31	0	0	0	0	1	0	1294	100	90
Binga	16	15	14	22	0	51	0	0	0	0	6	6	0	0	0	0	0	0	0	100	100
Bubi	11	11	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	100	100
Hwange	35	35	8	1	0	7	0	0	0	0	3	0	0	0	0	0	0	0	0	100	100
Lupane	14	14	5	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	100	100
Nkayi	17	17	6	0	0	0	0	0	0	0	4	3	0	0	0	0	0	0	0	100	94
Tsholotsho	21	21	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	100	100
Umguza	26	26	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	10	100	96
Mat North	140	139	39	23	0	59	0	1	0	0	20	11	0	0	0	0	0	0	10	99	99
Chirumhanzu	18	18	2	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	C	100	100
Gokwe North	21	21	10	2	0	8	0	0	0	0	10	6	0	0	7	0	0	0	0	100	100
Gokwe South	34	34	5	2	0	6	0	0	0	0	15	8	0	0	0	0	0	0	0	100	70
Gweru	38	38	3	1	0	3	1	0	0	0	6	2	0	0	0	0	0	0	0	100	97
Kwekwe	43	38	9	0	0	1	0	0	0	0	11	1	0	0	1	0	0	0	0	100	96
Mberengwa	34	34	14	0	0	5	0	0	0	0	8	1	0	0	0	0	0	0	0	100	100

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Shurugwi	28	28	0	0	0	2	0	0	0	0	3	1	0	0	0	0	0	0	8	100	97
Zvishavane	23	23	8	1	0	1	0	0	0	0	5	2	0	0	0	0	0	0	0	100	96
Midlands	239	234	51	6	0	26	1	0	0	0	64	21	0	0	8	0	0	0	8	98	93
Buhera	33	33	13	2	0	27	0	0	0	0	17	2	0	0	1	0	0	0	584	100	100
Chimanimani	23	23	29	11	0	85	0	0	0	0	8	0	0	0	0	0	0	0	376	100	100
Chipinge	50	42	30	268	0	1486	0	0	0	0	20	0	0	0	0	0	0	0	0	84	78
Makoni	57	57	4	23	0	97	0	0	0	0	12	7	0	0	0	0	0	0	273	100	100
Mutare City	8	8	0	5	0	45	0	0	0	0	4	0	0	0	0	0	0	0	0	100	100
Mutare	46	45	18	62	0	447	2	0	0	0	15	2	0	0	0	0	0	0	675	98	96
Mutasa	43	43	6	88	0	401	0	0	0	0	19	1	0	0	0	0	0	0	691	100	100
Nyanga	28	28	1	108	0	522	0	0	0	0	10	1	0	0	0	0	0	0	111	100	100
Manicaland	288	279	101	567	0	3110	2	0	0	0	105	13	0	0	1	0	0	0	2710	97	92
Chegutu	40	40	11	0	0	1	0	0	0	0	11	3	0	0	0	0	0	0	12	100	85
Hurungwe	37	37	17	14	0	45	0	0	0	0	15	7	0	0	0	0	0	0	0	100	97
Kariba	13	13	8	31	0	282	0	0	0	0	0	2	0	0	0	0	0	0	0	100	92
Makonde	40	40	17	2	0	16	1	0	0	0	24	9	0	0	0	0	0	0	653	100	93
Mhondoro	20	20	7	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	100	100
Sanyati	26	26	9	1	0	2	0	0	0	0	7	2	0	0	0	0	0	0	1051	100	100
Zvimba	35	35	22	0	0	7	0	0	0	0	7	5	0	0	0	0	0	0	19	100	100
Mash West	211	211	91	48	0	353	1	0	0	0	71	28	0	0	0	0	0	0	1735	100	95
Beit Bridge	21	21	0	18	0	239	0	0	0	0	9	3	0	0	0	0	0	0	0	100	100
Bulilima	16	15	2	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	94	94
Gwanda	30	30	2	1	0	9	0	0	0	0	7	0	0	0	0	0	0	0	0	100	97
Insiza	17	17	5	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	18	100	90
Matobo	16	16	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	100	94
Mangwe	16	16	2	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	100	100
Umzingwane	17	17	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0	0	100	100
Mat South	133	132	11	19	0	251	0	0	0	0	30	5	0	0	0	0	0	0	18	99	96
Bikita	27	26	16	6	0	85	0	0	0	0	14	1	0	0	0	0	0	0	143	96	100
Chiredzi	34	34	14	138	0	1550	0	0	0	0	24	5	0	0	0	0	0	0	0	100	90
Chivi	23	23	1	1	0	19	0	1	0	0	13	0	0	0	0	0	0	0	0	100	100

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Gutu	30	30	2	0	0	12	0	0	0	0	12	1	0	0	0	0	0	0	0	100	100
Masvingo	44	43	5	1	0	18	0	0	0	0	9	4	0	0	0	0	0	0	6	98	90
Mwenezi	22	22	6	17	0	92	0	0	0	0	6	0	0	0	0	0	0	0	14	100	90
Zaka	23	23	6	8	0	48	0	1	0	0	15	0	0	0	0	0	0	0	0	100	96
Masvingo	203	201	50	171	0	1824	0	2	0	0	93	11	0	0	0	0	0	0	163	99	90
Eastern	5	4	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	80	90
South Eastern	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100
Infectious Diseases Hospital	1	1	9	0	0	0	0	0	0	0	0	0	0	0	0	89	0	0	0	100	80
North Western	6	5	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	83	83
Northern	4	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	50	70
South Western	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100
Southern	6	6	4	4	0	7	0	0	0	0	0	0	0	0	0	32	0	0	21	100	88
West South West	5	5	3	1	0	2	0	0	0	0	0	0	0	0	0	41	0	0	0	100	806
Western	4	4	0	1	0	4	0	0	0	0	0	0	0	0	0	15	0	0	0	100	100
Harare Province	41	37	21	6	0	19	0	0	0	0	0	0	0	0	0	177	0	0	23	90	86
Emakhandeni District	7	7	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	100	100
Nkulumane District	6	6	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	100	100
Northern Suburbs District	8	8	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	100	100
Byo Province	21	21	0	1	0	1	0	0	0	0	7	0	0	0	0	0	0	0	0	100	100
Chitungwiza Urban District	8	6	0	1	0	1	0	0	0	0	5	0	0	0	0	0	0	0	0	75	80
UBH	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	100	90
Ingutsheni	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	80
Mpilo	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	100	90
Parirenyatwa Group of Hospitals	1	1	0	0	0	2	0	0	0	0	7	3	0	0	0	3	0	0	0	100	100
Harare Central Hospital	1	1	0	1	0	7	0	0	0	0	8	1	0	0	0	3	0	0	112	100	88
Chitungwiza Central Hospital	1	1	0	0	0	2	1	0	0	0	2	3	0	0	0	0	1	0	168	100	80
Total	1659	1635	523	1120	0	7556	5	3	0	0	532	147	0	0	9	183	5	0	11141	99	92

STANDARD CASE DEFINITIONS

DISEASES / CONDITIONS		DEFINITIONS
Cholera	Suspected Case	No Cholera Area: any patient age 5 years or more with severe dehydration or death from acute watery diarrhoea If There Is A Cholera Epidemic: any person age 2 years or more with acute watery diarrhoea, with or without vomiting
	Confirmed Case	A suspected case in which <i>Vibrio cholerae</i> O1 or O139 has been isolated in the stool
Dysentery	Suspected Case	A person with diarrhoea and visible blood in the stool
	Confirmed Case	Suspected case with stool culture positive for <i>Shigella dysenteriae</i> type 1
Typhoid	Suspected Case	Any person with gradual onset of steadily increasing and then persistently high fever, chills, malaise, headache, sore throat, cough, and, sometimes, abdominal pain and constipation or diarrhea
	Confirmed Case	Suspected case confirmed by isolation of <i>Salmonella typhi</i> from blood, bone marrow, bowel fluid or stool , urine
Malaria	Suspected Case	Any person living in a malaria area or history of travelling in a malaria area within the last 6weeks, presenting with fever , malaise, chills, and rigors, without signs of severe disease such as vital organ dysfunction
	Confirmed Case	Uncomplicated Cases: A suspected uncomplicated malaria with laboratory diagnosis by malaria blood slide or RDT for malaria parasites Complicated Cases: A patient hospitalized with <i>P. falciparum</i> asexual parasitaemia as confirmed by laboratory tests with accompanying symptoms of severe disease (vital organ dysfunction)
Anthrax	Suspected Cases	<p>a. Cutaneous form: Any person with skin lesion evolving over 1 to 6 days from a papular through a vesicular stage, to a depressed black eschar invariably accompanied by oedema that may be mild to extensive</p> <p>b. Gastro-intestinal: Any person with abdominal distress characterized by nausea, vomiting, anorexia and followed by fever</p> <p>c. Pulmonary (inhalation): any person with brief prodrome resembling acute viral respiratory illness, followed by rapid onset of hypoxia, dyspnoea and high temperature, with X-ray evidence of mediastinal widening</p> <p>d. Meningeal: Any person with acute onset of high fever possibly with convulsions, loss of consciousness, meningeal signs and symptoms; commonly noted in all systemic infections</p>

DISEASES / CONDITIONS		DEFINITIONS
	Confirmed Case	A confirmed case of anthrax in a human can be defined as a clinically compatible case of cutaneous, inhalational or gastrointestinal illness that is laboratory-confirmed by: a. isolation of <i>B. anthracis</i> from an affected tissue or site; or b. Other laboratory evidence of <i>B. anthracis</i> infection based on at least two Supportive laboratory tests.
Rabies	Suspected Case	A person with one or more of the following: headache, neck pain, nausea, fever, fear of water, anxiety, agitation, abnormal tingling sensations or pain at the wound site, when contact with a rabid animal is suspected.
	Confirmed Case	A suspected case that is laboratory confirmed
Plague	Suspected Case	Severe malaise, prostration and very painful swelling of lymph nodes, or cough with blood stained sputum, chest pain, and difficulty in breathing.
	Confirmed Case	Suspected case confirmed by isolation of <i>Yersinia pestis</i> from blood or aspiration of buboes, or epidemiologic link to confirmed cases or outbreak.
Influenza	Suspected Case	A person with sudden onset of fever (> 38 C) AND cough or sore throat in the absence of other diagnoses
	Confirmed Case	Is a case that meets the clinical case definition and is laboratory confirmed (laboratory results must be positive for influenza virus).
SARI		Any severely ill person presenting with manifestations of acute lower respiratory infection with: ✓ Sudden onset of fever (>38°C) and ✓ Cough or sore throat and ✓ Shortness of breath, or difficulty breathing with or without clinical or radiologic findings of pneumonia
SARS	Suspected Case	Any individual with a history of fever, or documented fever $\geq 38^{\circ}\text{C}$ and ✓ One or more symptoms of lower respiratory tract illness (cough, difficulty breathing, shortness of breath) and ✓ Radiographic evidence of lung infiltrates consistent with pneumonia or Acute Respiratory Disease Syndrome (ARDS) or autopsy findings consistent with the pathology of pneumonia or ARDS without an identifiable cause and ✓ No alternative diagnosis can fully explain the illness
	Confirmed Case	An individual who tests positive for SARS-CoV infection by the WHO recommended testing procedure
Measles	Suspected Case	Any person with fever and maculopapular (non-vesicular) generalized rash and cough, coryza or conjunctivitis (red eyes) or any person in whom a clinician suspects measles
	Confirmed Case	A suspected case with laboratory confirmation (positive IgM antibody) or epidemiological link to confirmed cases in an outbreak
Acute Flaccid Paralysis (AFP)/ Poliomyelitis	Suspected Case	Any child under 15 years of age with acute flaccid paralysis including Guillain-Barré Syndrome or any person with paralytic illness at any age in whom the clinician suspects poliomyelitis
	Confirmed Case	A suspected case with virus isolation in stool
Neonatal Tetanus (NNT)		Any newborn with a normal ability to suck and cry during the first two days of life, and who, between the 3 rd and 28 th day of age, cannot suck normally, and becomes stiff or has convulsions or both. It can result in death

DISEASES / CONDITIONS		DEFINITIONS
Meningitis	Suspected Case	Any person with sudden onset of fever (>38.5°C rectal or 38.0°C axillary) and one of the following signs: <i>neck stiffness, altered consciousness or other meningeal signs</i>
	Confirmed Case	A suspected case confirmed by isolation of <i>N. meningitidis</i> from CSF or blood.
Maternal Death		The death of a woman while pregnant or within 42 days of the delivery termination of pregnancy, irrespective of the duration and site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes