



Weekly Report

On Epidemic – Prone Diseases, Deaths and Public Health Events

Week Number 19 of 2018 (Week Ending 13-06-18)

HIGHLIGHTS OF THE WEEK

- 2 rabies cases and 2 deaths
- 1 NNT case and a death
- 1 AFP case
- 6 malaria deaths.
- 9 suspected measles cases
- 450 dog bite cases.
- 79 snake bite cases
- 7 maternal deaths
- 25 suspected typhoid cases.

*NB: *We introduced anti-microbial resistance reporting in week 13 issue (AMR001) and subsequently in the weekly bulletin of the last week of the month. Look out for AMR002 in next week's report.*

We provide detailed updates of the ongoing cholera outbreaks in the **daily Sitreps.*

TYPHOID

Twenty-five suspected typhoid cases and no deaths were reported this week. The cases were reported from Beatrice Infectious Disease Hospital (4), Southern District (6), West South West District (13) all in Harare Province, Gweru District (1) in Midlands Province and Harare Central Hospital (1). The cumulative figures for typhoid are 4 467 suspected cases, 165 confirmed cases and 3 deaths. This is an ongoing outbreak which started on the 1st of October 2017.

CHOLERA

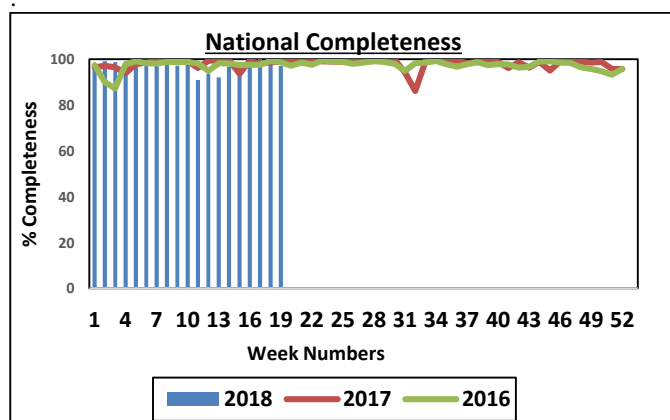
No suspected cholera cases and deaths were reported this week from Chegutu District. The cumulative figures for suspected cholera cases are 111 and of these, 6 were confirmed. A total of 4 deaths were recorded during the outbreak. All these cases were reported from the Chegutu outbreak which was declared over on the 2nd of March 2018

No new suspected cholera cases were reported this week from Harare City. The cumulative cholera cases are 47. Of these, 23 were suspected cases, 22 were confirmed, 2 probable and among them were 3 deaths. Harare City reported a new outbreak and the index case was reported on the 6th of March 2018.

Please refer to the daily Sitreps for details of the ongoing cholera outbreaks.

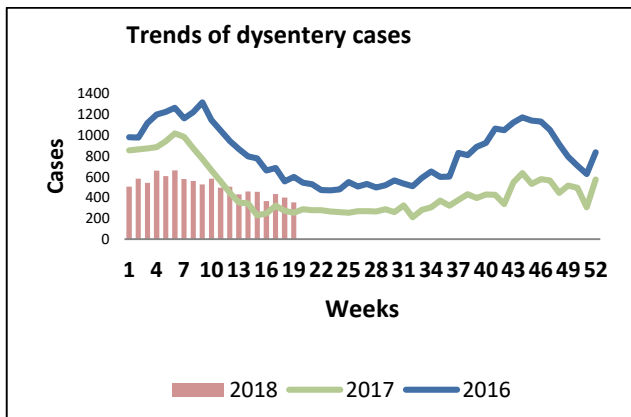
COMPLETENESS AND TIMELINESS

National completeness reported for Week Number 19 decreased from 99% to 97% and timeliness remained at 91%.



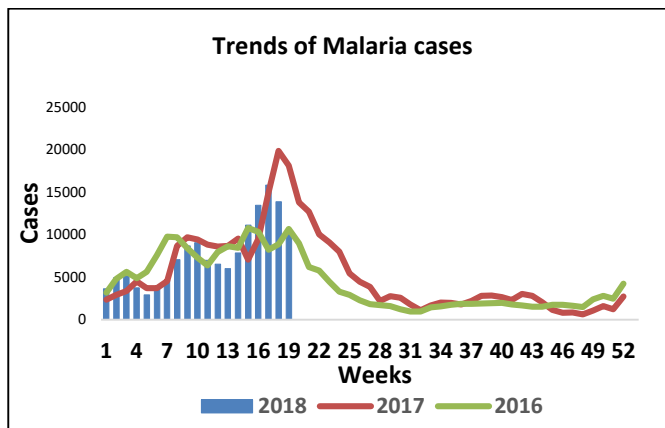
DYSENTERY

Clinical dysentery cases reported this week were 353 and no deaths. The provinces which reported the highest numbers of clinical dysentery cases were Manicaland (79) and Mashonaland West (71). The cumulative figures for clinical dysentery are 9 908 cases and 15 deaths. The CFR is 0.2%.



MALARIA

A total of 10 004 malaria cases and 6 deaths were reported this week. The deaths were reported from Mutare District (2) in Manicaland Province, Zaka District (2) and Harare Central Hospital (2). Of the reported cases, 1 520 (15.7%) and no death were from the above five years of age. The provinces which reported the highest numbers of malaria cases were Manicaland (2 802) and Mashonaland East (2 145). The cumulative figures for malaria are 113 967 cases and 104 deaths. The CFR is 0.1%.



All provinces are being reminded to investigate all malaria deaths.

ANTHRAX

No new suspected case of anthrax and no death was reported this week. The cumulative figures for anthrax are 67 cases and no deaths.

DOG BITES

A total of 450 cases of dog bites were reported this week. Of these cases, 283 (63%) were bitten by dogs with unknown vaccination status, 87 (19%) were bitten by unvaccinated dogs and 80 (18%) were bitten by vaccinated dogs. Most of these cases were reported from Masvingo Province (70) and Midlands Province (70). The cumulative figures for dog bites are 9 302 cases and no deaths.

RABIES

Two new suspected rabies cases which culminated into two deaths were reported this week. Murehwa District in Mashonaland East Province and Chivi District in Masvingo Province both reported 1 case and a death. The cumulative figures for suspected rabies are 5 cases and 4 deaths. The CFR is 80%.

SNAKE BITES

The total snake bite cases reported this week were 79 and no death. The cumulative figures for snake bites are 2 504 cases and 16 deaths. The CFR is 0.6%.

PLAGUE

No suspected cases of plague were reported this year.

COMMON COLD / INFLUENZA

A total of 5 589 suspected influenza cases and no death were reported this week. The cumulative figures for common cold/influenza are 739 440 cases and 12 deaths.

PANDEMIC INFLUENZA A (H1N1)

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

MEASLES

Nine new suspected cases of measles were reported this week through the Weekly Disease Surveillance System (WDSS). The case was reported from Emakhandeni District (4) in Bulawayo Province, Chirumhanzu District (1) in Midlands Province, Umzingwane District (2) in Matabeleland South Province, Mutoko District (1) and Murehwa District (1) both in Mashonaland East Province. The cumulative cases for suspected measles are 157.

No new suspected measles cases were reported this week through the Case Based Surveillance System (CBSS). The cumulative cases for suspected measles are 171.

ACUTE FLACCID PARALYSIS / POLIOMYELITIS

One new suspected case of AFP was reported this week through the Weekly Disease Surveillance System. The cumulative figure for AFP reported through the WDSS is 11.

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 is 120.

NEONATAL TETANUS (NNT)

One new case of NNT and one death was reported this week from Mutare District in Manicaland Province through the WDSS. The cumulative figure for NNT is 6.

No new cases of suspected NNT were reported this year through the Case Based Surveillance System.

MENINGOCOCCAL MENINGITIS

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

MATERNAL DEATHS

Eight maternal deaths were reported this week. The deaths were reported from Chitungwiza Central Hospital (3), Sanyati District (1) in Mashonaland West Province, Chimanimani District (1) and Mutare District (2) both in Manicaland Province. The cumulative number of maternal deaths is 89.

WEEKLY DISEASE SURVEILLANCE TABLE FOR WEEK 15 ENDING 15-04-18

	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	34	34	4	1	0	2	0	0	0	0	6	0	0	0	0	0	0	0	273	100	100
Goromonzi	30	30	4	16	0	80	0	0	0	0	9	1	0	0	0	0	0	0	0	100	100
Hwedza	14	14	3	0	0	7	0	0	0	0	5	0	0	0	0	0	0	0	168	100	100
Marondera	23	23	1	6	0	18	0	0	0	0	2	1	0	0	0	0	0	0	243	100	100
Mudzi	28	28	3	97	0	738	0	0	0	0	0	0	0	0	0	0	0	0	399	100	100
Murewa	29	28	2	5	0	48	0	1	0	0	14	2	1	0	0	0	0	0	445	97	97
Mutoko	27	27	5	111	0	576	0	1	0	0	4	5	0	0	0	0	0	0	460	100	96
Seke	17	17	1	0	0	26	0	0	0	0	4	2	0	0	0	0	0	0	155	100	82
UMP	21	21	5	42	0	372	0	0	0	0	2	0	0	0	0	0	0	0	287	100	100
Mash East	223	222	28	278	0	1867	0	2	0	0	46	11	1	0	0	0	0	0	2430	100	97
Bindura	22	21	9	9	0	22	0	0	0	0	5	0	0	0	0	0	0	0	1	95	82
Centenary	13	13	9	67	0	511	0	0	0	0	4	0	0	0	0	0	0	0	0	100	100
Guruve	22	22	0	30	0	212	0	0	0	0	7	1	0	0	0	0	0	0	0	100	96
Mazowe	34	34	23	4	0	32	0	0	0	0	6	2	0	0	0	0	0	0	321	100	94
Mbire	13	13	0	53	0	352	0	0	0	0	4	3	0	0	0	0	0	0	0	100	100
Mount Darwin	24	1	0	4	0	12	0	0	0	0	0	0	0	0	0	0	0	0	14	4	4
Rushinga	13	13	9	73	0	225	0	0	0	0	3	4	0	0	0	0	0	0	97	100	92
Shamva	18	18	13	48	0	157	0	0	0	0	2	1	0	0	0	0	0	0	323	100	0
Mash Central	159	135	63	288	0	1523	0	0	0	0	31	11	0	0	0	0	0	0	756	85	69
Binga	17	17	3	31	0	110	0	0	0	0	5	1	0	0	0	0	0	0	0	100	100
Bubi	11	11	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	100	100
Hwange	46	46	9	5	0	12	0	0	0	0	1	2	0	0	0	0	0	0	7	100	98
Lupane	14	14	5	0	0	2	0	0	0	0	1	2	0	0	0	0	0	0	0	100	86
Nkayi	18	18	4	0	0	1	0	0	0	0	4	1	0	0	0	0	0	0	0	100	100
Tsholotsho	21	21	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	100	95
Umguzha	26	26	2	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	100	92
Mat North	153	153	23	36	0	125	0	0	0	0	27	8	0	0	0	0	0	0	7	100	96
Chirumhanzu	18	18	0	0	0	3	0	1	0	0	3	1	0	0	0	0	0	0	0	100	100
Gokwe North	22	22	12	9	0	104	0	0	0	0	5	0	0	0	0	0	0	0	0	100	96
Gokwe South	33	33	0	0	0	14	0	0	0	0	19	1	0	0	0	0	0	0	0	100	85
Gweru	34	34	9	0	0	4	0	0	0	0	9	1	0	0	0	1	0	0	2	100	97

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Kwekwe	44	44	5	1	0	4	0	0	0	0	6	2	0	0	0	0	0	0	0	100	100
Mberengwa	36	36	10	0	0	8	0	0	0	0	14	0	0	0	0	0	0	0	0	100	100
Shurugwi	29	29	0	0	0	3	0	0	0	0	8	0	0	0	0	0	0	0	0	100	100
Zvishavane	26	26	1	0	0	5	0	0	0	0	6	0	0	0	0	0	0	0	0	100	100
Midlands	242	242	37	10	0	145	0	1	0	0	70	5	0	0	0	1	0	0	2	100	97
Buhera	33	33	4	6	0	49	0	0	0	0	10	1	0	0	0	0	0	0	345	100	100
Chimanimani	23	23	18	53	0	92	0	0	0	0	1	4	0	0	0	0	0	0	224	100	100
Chipinge	50	50	21	181	0	1068	0	0	0	0	1	0	0	0	0	0	0	0	0	100	100
Makoni	57	57	12	20	0	117	0	0	0	0	12	1	0	0	0	0	0	0	176	100	100
Mutare City	8	8	0	5	0	26	0	0	0	0	4	0	0	0	0	0	0	0	0	100	100
Mutare	46	46	9	48	0	221	2	0	0	1	16	4	0	0	0	0	0	0	349	100	89
Mutasa	44	44	11	83	0	287	0	0	0	0	9	0	0	0	0	0	0	0	244	100	100
Nyanga	28	28	4	76	0	470	0	0	0	0	10	0	0	0	0	0	0	0	72	100	86
Manicaland	289	289	79	472	0	2330	2	0	0	1	63	10	0	0	0	0	0	0	1410	100	97
Chegutu	40	40	8	1	0	9	0	0	0	0	3	2	0	0	0	0	0	0	8	100	100
Hurungwe	37	37	7	53	0	296	0	0	0	0	17	6	0	0	0	0	0	0	2	100	78
Kariba	13	11	9	27	0	183	0	0	0	0	0	0	0	0	0	0	0	0	0	85	77
Makonde	40	40	20	15	0	95	0	0	0	0	23	3	0	0	0	0	0	0	337	100	93
Mhondoro	20	20	5	0	0	1	0	0	0	0	2	1	0	0	0	0	0	0	25	100	85
Sanyati	26	26	10	3	0	26	0	0	0	0	1	3	0	0	0	0	0	0	505	100	100
Zvimba	35	35	12	2	0	29	0	0	0	0	6	4	0	0	0	0	0	0	7	100	100
Mash West	211	209	71	101	0	639	0	0	0	0	52	19	0	0	0	0	0	0	884	99	92
Beit Bridge	22	22	0	5	0	52	0	0	0	0	6	0	0	0	0	0	0	0	0	100	96
Bulilima	16	16	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	100	100
Gwanda	30	29	3	1	0	10	0	0	0	0	6	0	0	0	0	0	1	0	0	97	93
Insiza	17	17	0	0	0	2	0	0	0	0	4	1	0	0	0	0	0	0	0	100	100
Matobo	16	16	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	100	100
Mangwe	16	15	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	94	94
Umzingwane	17	17	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	100	100
Mat South	134	132	6	6	0	64	0	2	0	0	27	1	0	0	0	0	1	0	0	99	97
Bikita	23	23	5	130	0	409	0	0	0	0	14	0	0	0	0	0	0	0	62	100	91
Chiredzi	30	30	8	112	0	700	0	0	0	0	11	2	0	0	0	0	0	0	0	100	100
Chivi	34	33	3	1	0	37	0	0	0	0	13	0	1	0	0	0	0	0	0	97	88
Gutu	27	25	1	4	0	26	0	0	0	0	12	6	0	0	0	0	0	0	0	93	93

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Masvingo	23	21	8	12	0	116	0	0	0	0	6	1	0	0	0	0	0	0	0	91	87
Mwenezi	22	20	6	13	0	77	0	0	0	0	9	1	0	0	0	0	0	0	13	91	91
Zaka	44	38	3	40	0	305	2	0	0	0	5	1	0	0	0	0	0	0	0	86	86
Masvingo	203	190	34	312	0	1670	2	0	0	0	70	11	1	0	0	0	0	0	75	94	91
Eastern	5	4	1	0	0	7	0				7	0	0	0	0	0	0	0	0	80	80
South Eastern	5	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100
Infectious Diseases Hospital	2	2	4	1	0	4	0	0	0	0	10	0	0	0	0	4	0	0	0	100	100
North Western	6	5	1	1	0	10	0	0	0	0	6	0	0	0	0	0	0	0	0	83	83
Northern	4	3	1	2	0	11	0	0	0	0	2	0	0	0	0	0	0	0	0	75	75
South Western	5	5	0	2	0	10	0	0	0	0	4	0	0	0	0	0	0	0	0	100	100
Southern	6	6	3	4	0	18	0	0	0	0	4	0	0	0	0	6	0	0	0	100	100
West South West	5	4	1	1	0	7	0	0	0	0	2	0	0	0	0	13	0	0	0	80	80
Western	4	4	0	0	0	8	0	0	0	0	4	0	0	0	0	0	0	0	0	100	100
Harare Province	42	38	11	11	0	80	0	0	0	0	39	0	0	0	0	23	0	0	0	90	91
Emakhandeni District	7	7	1	0	0	1	0	4	1	0	1	0	0	0	0	0	0	0	0	100	29
Nkulumane District	6	6	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	100	33
Northern Suburbs District	8	6	0	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	75	13
Byo Province	21	19	1	1	0	4	0	4	1	0	4	0	0	0	0	0	0	0	0	90	24
Chitungwiza Urban District	8	8	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	100	100
UBH	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0
Ingutsheni	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	50
Mpilo	1	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	100	0
Parirenyatwa Group of Hospitals	1	1	0	1	0	7	0	0	0	0	10	1	0	0	0	0	0	0	8	100	0
Harare Central Hospital	1	1	0	0	0	19	2	0	0	0	4	1	0	0	0	1	0	0	0	100	60
Chitungwiza Central Hospital	1	1	0	3	0	10	0	0	0	0	5	0	0	0	0	0	3	0	17	100	0
Total	1691	1643	353	1520	0	8484	6	9	1	1	450	79	2	0	0	25	4	0	5589	97	91

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	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 b. Gastro-intestinal: Any person with abdominal distress characterized by nausea, vomiting, anorexia and followed by fever 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 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
	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.

DISEASES / CONDITIONS		DEFINITIONS
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: <ul style="list-style-type: none"> ✓ 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 <ul style="list-style-type: none"> ✓ 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
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