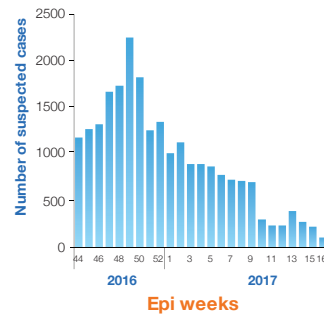


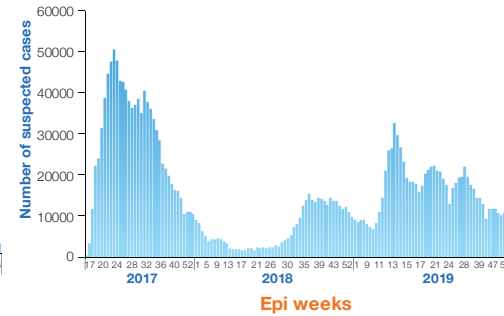
### Highlights

- In December 2019, the Ministry of Public Health and Population of Yemen reported a total 43 950 suspected cholera cases including 9 related deaths from 22 governorates (case fatality rate: 0.02%).
- The cumulative number of suspected cholera cases reported in Yemen from October 2016 to December 2019 is 2 280 585 including 3895 related deaths with a case fatality rate of 0.17%. During the second wave of this outbreak that started on 27 April 2017, the total number of suspected cholera cases reported were 2 254 758 including 3766 related deaths with a case fatality rate of 0.17%.
- Since January 2019, a total of 9694 stool specimens were tested. Out of these, 5298 were laboratory confirmed for *Vibrio cholerae*.
- The 5 governorates with the highest cumulative attack rate per 10 000 are Amran (1697.88), Al Mahwit (1599.41), Sana'a (1515.22), Al Bayda (1226.46) and Al Hudaydah (1049.29). The national attack rate is 800.48 per 10 000. The governorates with highest number of deaths are Hajjah (577), Ibb (503), Al Hudaydah (402) and Taizz (328).

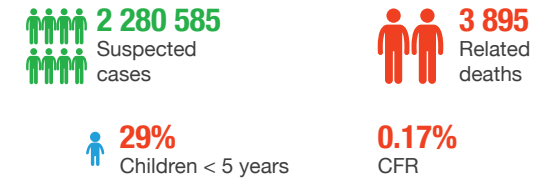
**Epidemic curve of cholera cases in Yemen, October 2016 - 26 April 2017 (first wave)**



**Epidemic curve of cholera cases in Yemen, 27 April 2017 - 31 December 2019 (second wave)**



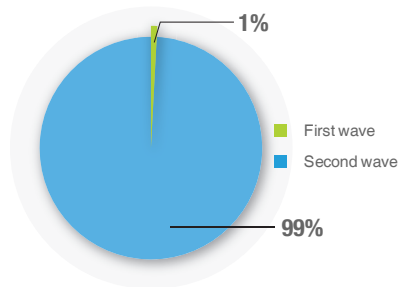
### Cumulative key figures, October 2016 – December 2019



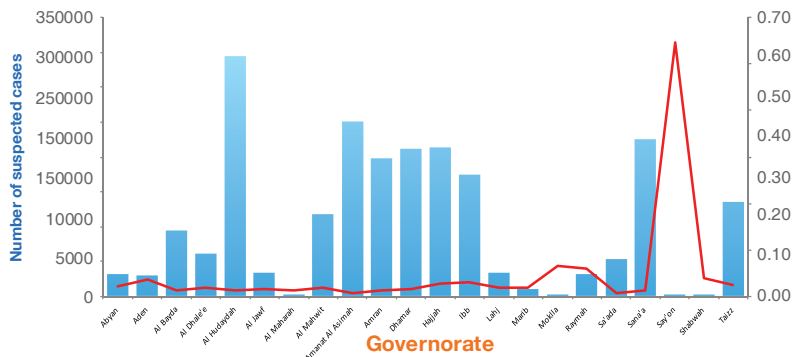
### Last 4 weeks key figures, December 2019



### Cholera cases reported in Yemen by epidemic wave, October 2016 – December 2019 (n= 2 280 585)



### Cholera cases and Case fatality rates by governorate in Yemen, 27 April 2017 – 31 December 2019 (second wave)



### Cholera cases and deaths reported during the second wave by governorate, 27 April 2017 – 31 December 2019

Governorate	Cases	Deaths	CFR (%)	Cumulative attack rate (per 10 000)
Abyan	31 679	65	0.21	548.47
Aden	28 717	102	0.36	305.36
Al Bayda	93 868	105	0.11	1 226.46
Al Dhale'e	61 265	115	0.19	824.05
Al Hudaydah	344 215	402	0.12	1 049.29
Al Jawf	34 004	51	0.16	581.83
Al Maharah	1 702	2	0.12	112.20
Al Mahwit	118 511	219	0.19	1 599.41
Amanat Al Asimah	251 777	181	0.07	867.60
Amran	198 249	263	0.14	1 697.88
Dhamar	211 542	288	0.14	1 036.61
Hajjah	213 148	577	0.28	891.40
Ibb	174 056	503	0.30	582.18
Lahj	33 120	55	0.16	324.92
Marib	9 527	16	0.18	261.71
Mokkila	1 395	9	0.70	31.19
Raymah	32 181	195	0.63	523.17
Sa'ada	53 237	36	0.07	567.71
Sana'a	225 027	240	0.11	1 515.22
Say'on	73	4	7.55	1.91
Shabwah	2 695	10	0.38	44.08
Taizz	134 770	328	0.25	444.81
<b>Total</b>	<b>2 254 758</b>	<b>3 766</b>	<b>0.17</b>	<b>800.48</b>

### Distribution of suspected cholera cases in Yemen, January 2017 – December 2019

