

Cholera Situation Update



World Health
Organization

Weekly Epidemiological Bulletin

W 11 2019 (11 Mar to 17 Mar 2019)

Highlight

Figures from 27 April to 31 Dec 2017

- 1105 confirmed cases.
- 305 affected districts.
- The governorates with highest AR/10,000 are Amran, Al Mahwit, Al Dhale'e ,Hajjah, Abyen, Sana'a, Dhamar, Al Hudaydah

Figures from 1 Jan to 31 Dec 2018.

- 371,323 suspected cholera cases with 505 associated deaths (CFR 0.14%),
- 276 affected districts.
- Children <5 represent 32% of the total suspected cases.
- The proportion of severe cases is 12.7%
- 194,003 rapid diagnostic tests (RDT) were performed, 49,447 positive RDT.
- 3,460 confirmed cases.

Figures from 1 Jan to 17 Mar 2019.

- 108,889 suspected cholera cases with 190 associated deaths (CFR 0.17%),
- 261 affected districts.
- Children <5 represent 26% of the total suspected cases.
- The proportion of severe cases is 14%
- 47,853 rapid diagnostic tests (RDT) were performed, 23,536 positive RDT.
- 1,086 confirmed cases.




Country level trend

- From W9 –W11 at the country level, the trend of suspected cases is increasing (+24 % ▲).

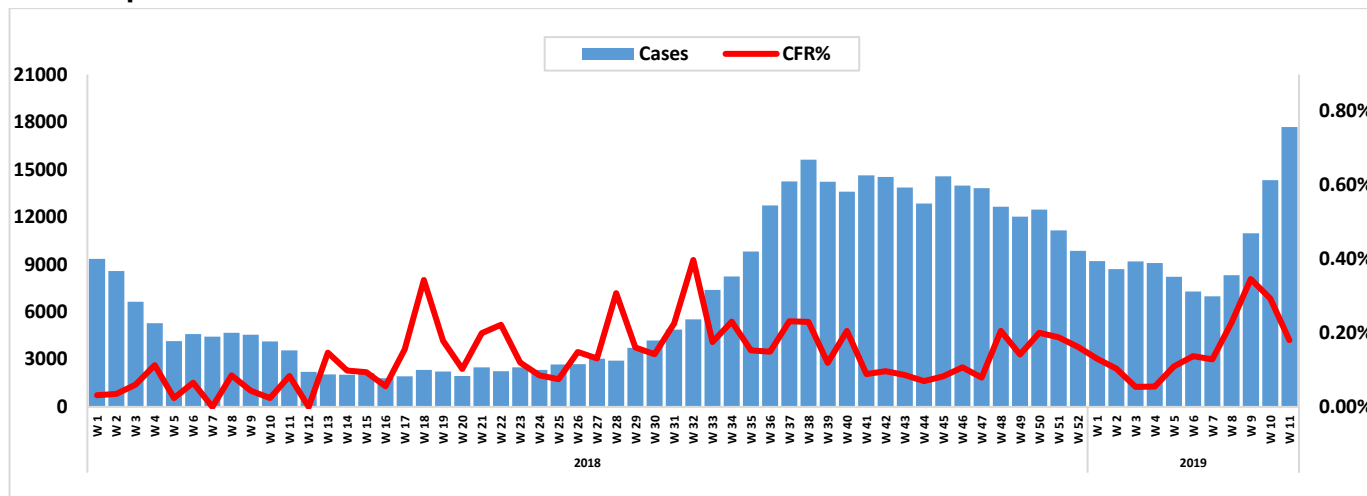
Week (11) 2019

- 17,676 suspected cases and 32 associated deaths.
- The districts reporting the highest number of cases are: Bani Al Harith (768), Ma'ain (724), Shu'aub (639), As Sabain (551), Hamdan (548).
- 21 % are severe cases
- 10,031 RDTs were performed. 6,221 were positive (62%)
- 24 confirmed results from: Ibb (19), Amanat Al Asimah (4), Al Hudaydah (1).

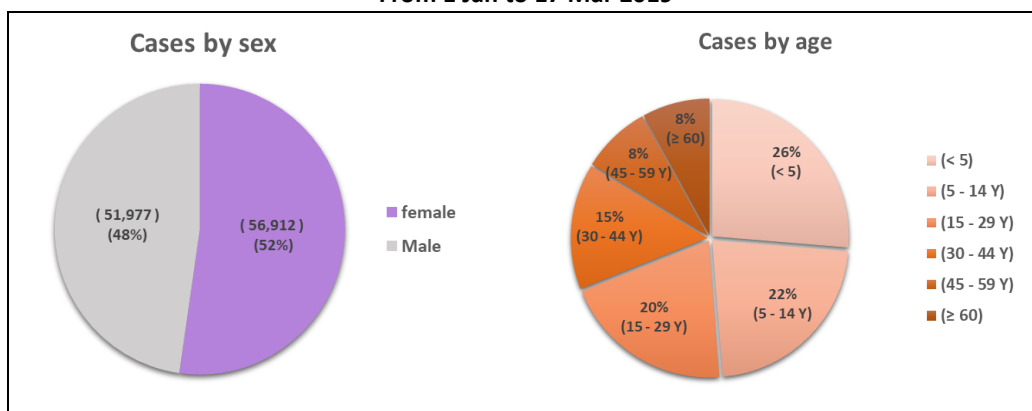
➤ Cumulative figures from 1 Jan 2019 to 17 Mar 2019

 Suspected cases	 Associated deaths	 CFR%	Governorates affected	Districts affected
108,889	190	0.17%	91%	78%
(17,676) suspected cases in current week	(32) associated deaths in current week		(21 / 23 governorates)	(261 / 333 districts)

➤ Epidemic curve from 1 Jan 2018 to 17 Mar 2019

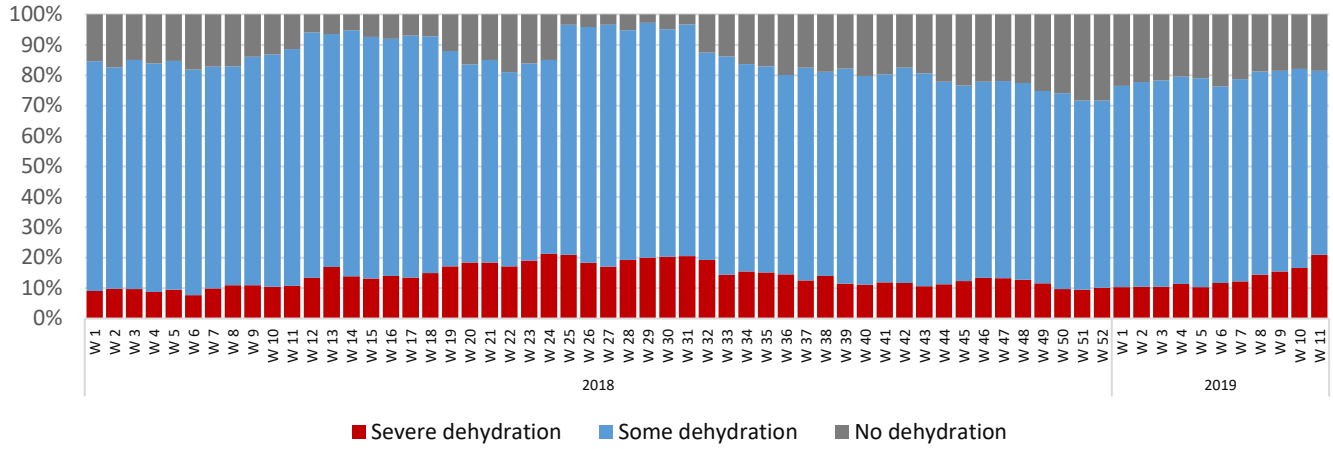


Distribution of suspected cases by age and sex
From 1 Jan to 17 Mar 2019

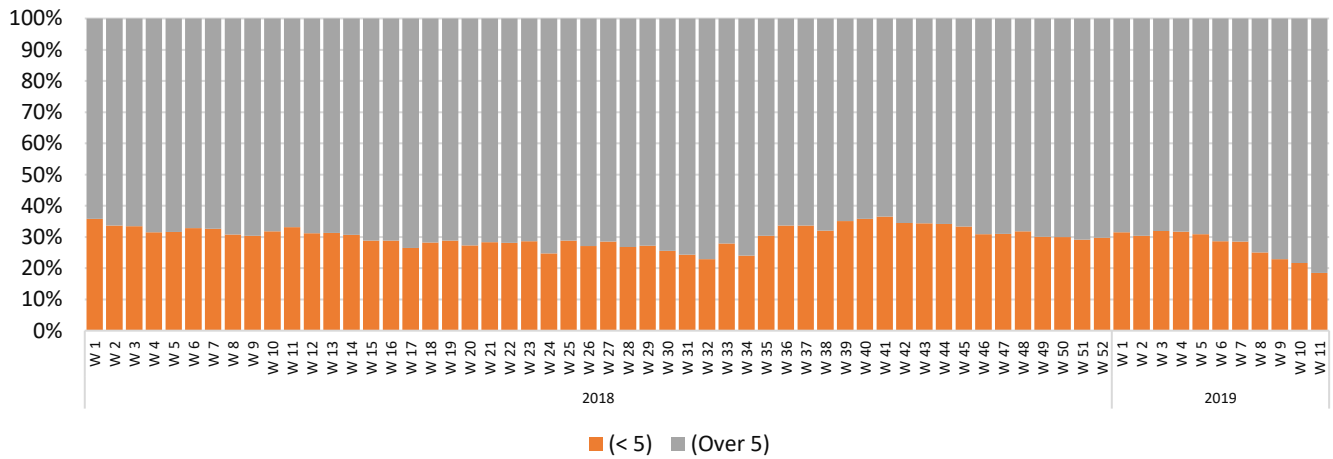


Age group	Cases				Deaths			
	female	Male	Total Cases	% of total cases	female	Male	Total Death	CFR%
(< 5)	13,346	15,276	28,622	26%	15	17	32	0.11%
(5 - 14 Y)	11,408	13,022	24,430	22%	5	12	17	0.07%
(15 - 29 Y)	12,912	9,053	21,965	20%	6	2	8	0.04%
(30 - 44 Y)	9,238	6,914	16,152	15%	7	8	15	0.09%
(45 - 59 Y)	5,167	3,740	8,907	8%	13	11	24	0.27%
(≥ 60)	4,787	3,942	8,729	8%	53	40	93	1.07%
Blank	54	30	84	0%	0	1	1	1.19%
Total	56,912	51,977	108,889	100%	99	91	190	0.17%

Trend in proportion of cases by dehydration status



Trend in proportion of cases aged under 5



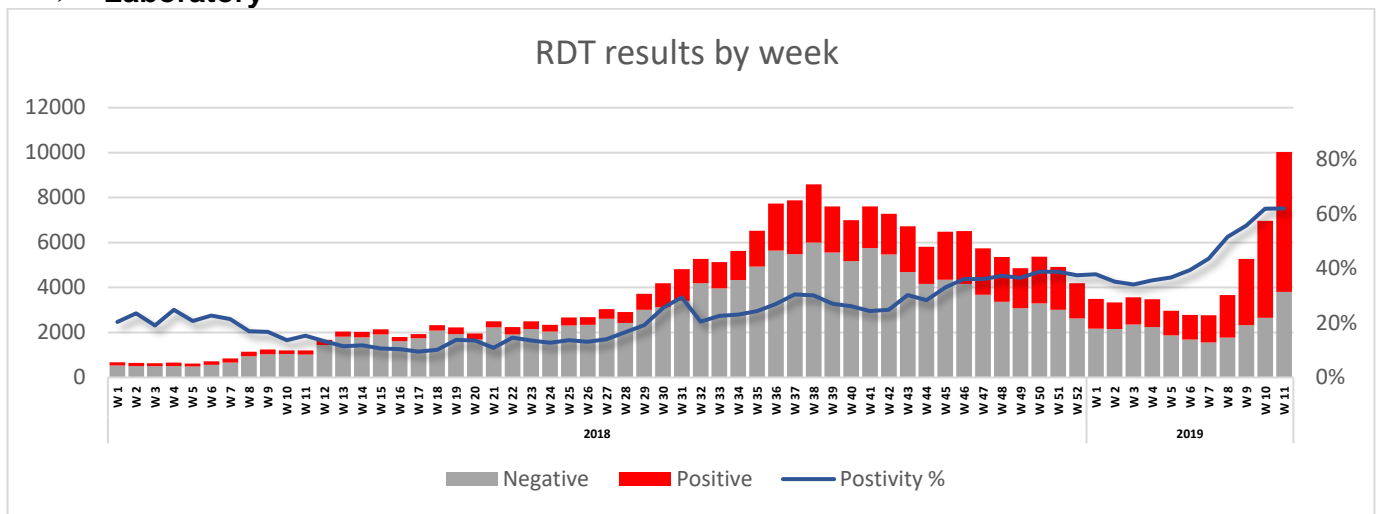
Summary of cholera indicators by Governorate From 1 Jan to 17 Mar 2019

Governorate	Cumulative					Last epi weeks				
	Cases	Deaths	CFR%	Population	AR/10,000	W 9	W 10	W 11	Trend %	Status
Amran عمران	11063	19	0.2%	1,205,960	91.7	974	1481	1742	25	▲
Sana'a صنعاء	12763	15	0.1%	1,469,960	86.8	1187	1516	3150	61	▲
Al Bayda البيضاء	5473	11	0.2%	775,404	70.6	655	1038	1454	39	▲
Al Mahwit المحويت	4508	13	0.3%	774,511	58.2	400	577	961	49	▲
Amanat Al Asimah أمانة العاصمة	17942	17	0.1%	3,406,643	52.7	2221	2985	3842	27	▲
Dhamar ذمار	10827	20	0.2%	2,176,229	49.8	1171	1419	1670	18	▲
Al Hudaydah الحديدة	14820	2	0.0%	2,985,122	49.6	1336	1296	467	-55	▼
Ibb إب	11004	41	0.4%	3,080,130	35.7	1104	1633	1628	12	▲
Sa'ada صعدة	3472	0	0.0%	981,401	35.4	359	378	218	-32	▼
Hajjah حجة	7427	5	0.1%	2,510,327	29.6	717	824	864	8	►
Raymah ريمة	1758	27	1.5%	646,854	27.2	170	219	301	31	▲
Al Jawf الجوف	1602	3	0.2%	603,816	26.5	134	171	238	31	▲
Taizz تعز	4309	12	0.3%	3,065,034	14.1	400	685	967	41	▲
Lahj لحج	785	5	0.6%	1,058,219	7.4	40	30	73	53	▲
Aden عدن	658	0	0.0%	997,308	6.6	94	67	88	6	►
Al Dhale'e الضالع	451	0	0.0%	779,656	5.8	15	4	10	3	►
Abyan أبين	9	0	0.0%	615,154	0.1	0	2	2	50	▲
Shabwah شبوة	9	0	0.0%	665,881	0.1	0	0	0	interrupted	-
Marib مأرب	6	0	0.0%	495,634	0.1	0	1	1	50	▲
Al Maharah المهرة	1	0	0.0%	169,327	0.1	1	0	0	-100	▼
Mokla المكلا	2	0	0.0%	816,342	0.0	0	0	0	interrupted	-
Say'on سيئون	0	0	0.0%	694,553	0.0	0	0	0	interrupted	-
Total	108,889	190	0.17%	29,973,465	36	10978	14326	17676	23	▲

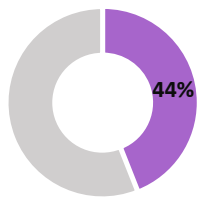
➤ **Trend based on average number of cases in previous 3 weeks** (Note: there is some delay/even no data received from some governorate/districts due to current situation/no power/internet connection)

- ▲ Increased trend ≥ +10% change
- Stable trend > -10% to < +10% change
- ▼ Decreased trend ≤ -10% change
- Interruption in transmission 0 cases for 3 consecutive weeks

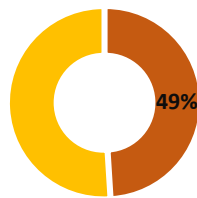
Laboratory



Rapid Diagnostic Kit (RDT)

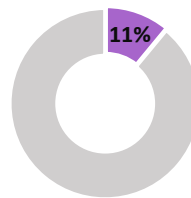


Coverage

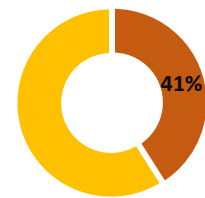


Postivity

Culture



Coverage

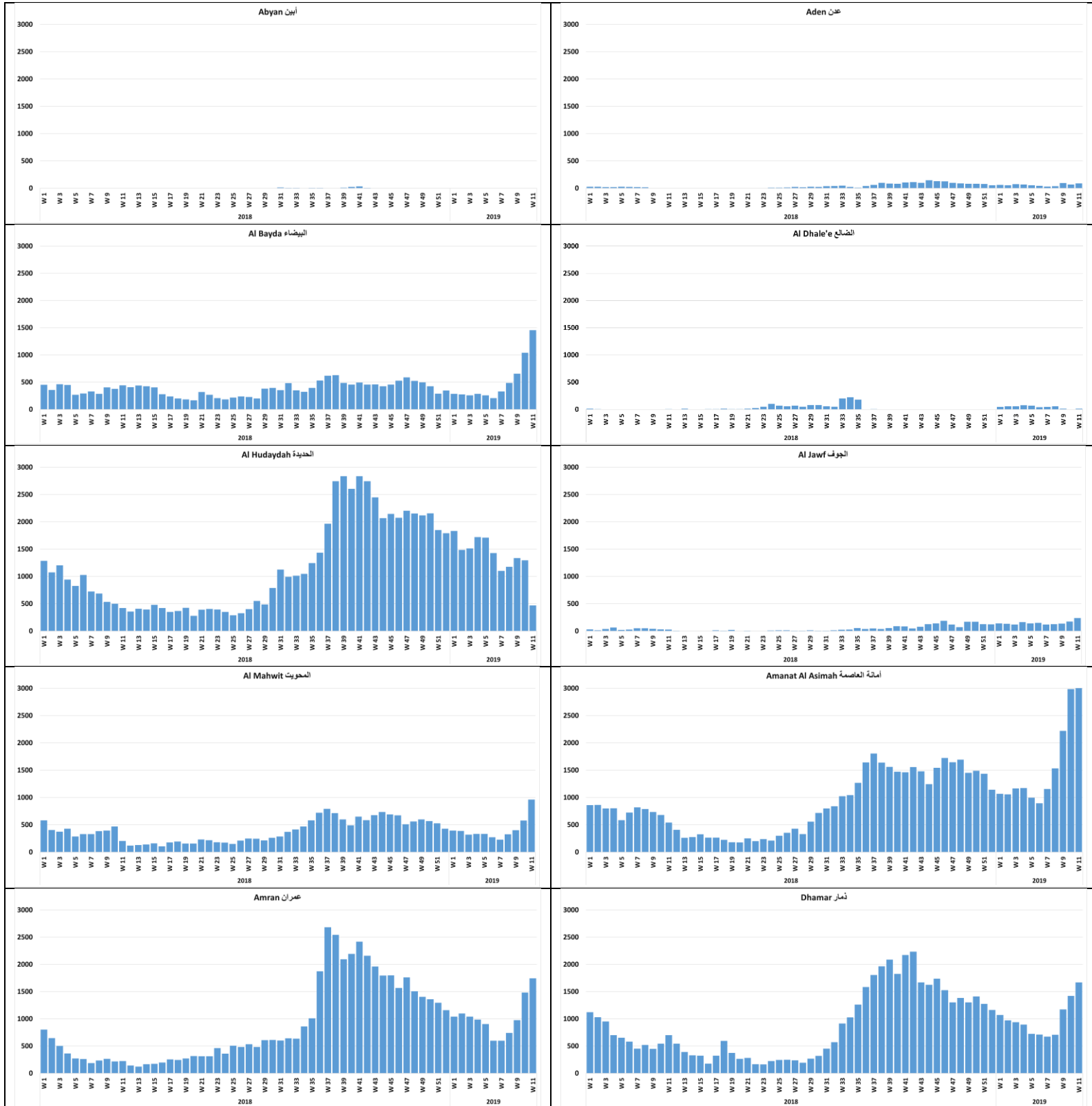


Postivity

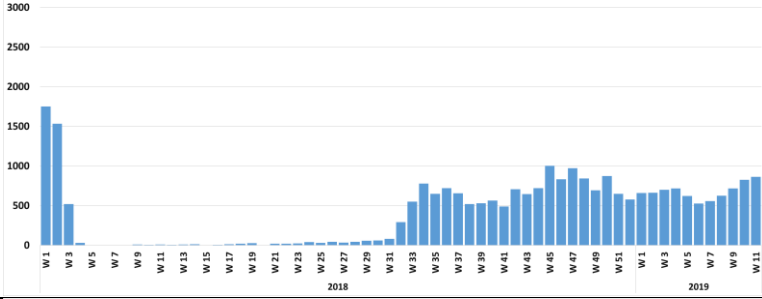
Summary of key laboratory indicators by Governorate From 1 Jan to 17 Mar 2019.

Governorate	Cases	RDT				Culture			
		Total Tested	Coverage	Total +ve	+ve rate	Total tested	Coverage	Total +ve	+ve rate
أبين أبين	9	9	100%	0	0%	0	0%	0	0%
عدن عدن	658	637	97%	184	29%	25	14%	13	52%
البيضاء البيضاء	5473	3760	69%	2206	59%	25	1%	18	72%
الضالع الضالع	451	359	80%	173	48%	27	16%	16	59%
الحديدة الحديدة	14820	1194	8%	466	39%	250	54%	48	19%
الجوف الجوف	1602	113	7%	108	96%	7	6%	1	14%
المهرة المهرة	1	1	100%	1	100%	0	0%	0	0%
المحويت المحويت	4508	1289	29%	676	52%	184	27%	78	42%
أمانة العاصمة العاصمة	17942	8987	50%	5493	61%	856	16%	417	49%
عمران عمران	11063	3689	33%	1550	42%	64	4%	49	77%
ذمار ذمار	10827	8202	76%	3184	39%	80	3%	44	55%
حجة حجة	7427	1429	19%	803	56%	14	2%	2	14%
إب إب	11004	2373	22%	1441	61%	355	25%	143	40%
لحج لحج	785	337	43%	49	15%	30	61%	11	37%
مأرب مأرب	6	2	33%	1	50%	0	0%	0	0%
المكلا المكلا	2	2	100%	1	50%	0	0%	0	0%
ريمة ريمة	1758	357	20%	219	61%	8	4%	0	0%
صعدة صعدة	3472	503	14%	154	31%	1	1%	1	100%
صنعاء صنعاء	12763	12472	98%	5639	45%	182	3%	124	68%
سيئون سيئون	0	0	0%	0	0%	0	0%	0	0%
شبهوة شبهوة	9	9	100%	5	56%	0	0%	0	0%
تعز تعز	4309	2129	49%	1183	56%	530	45%	121	23%
Total	108,889	47853	44%	23536	49%	2638	11%	1086	41%

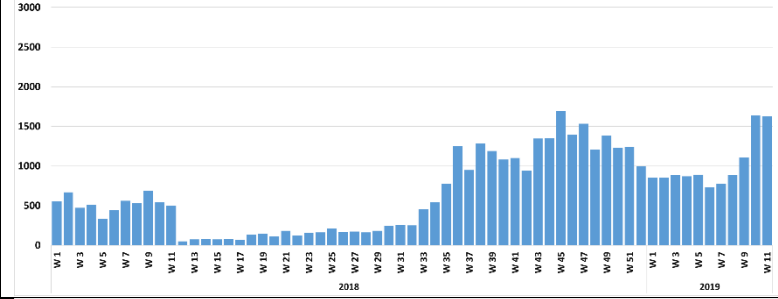
➤ Epidemic curves by Governorate



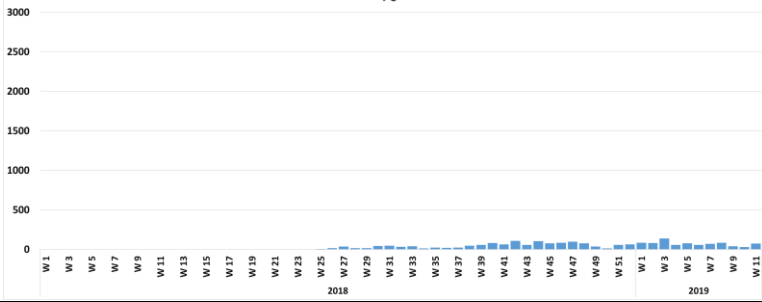
حجة Hajjah



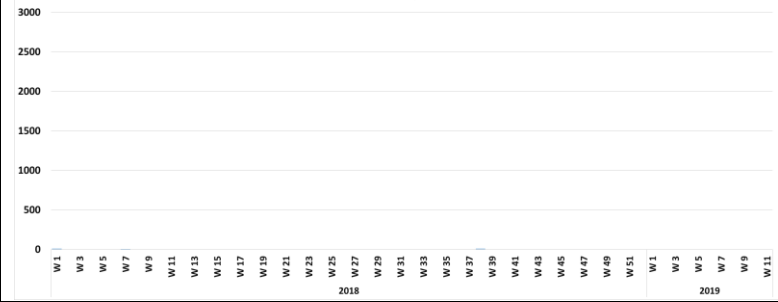
بب Ibb



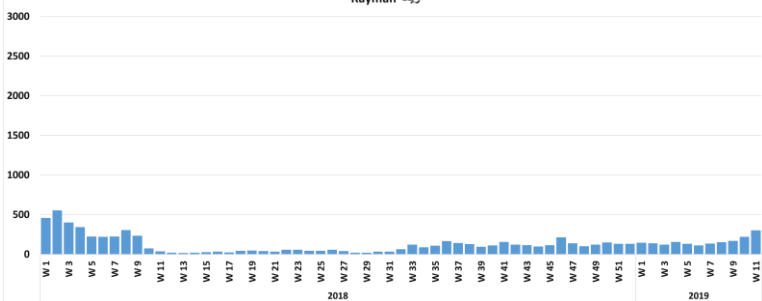
لح Lahj



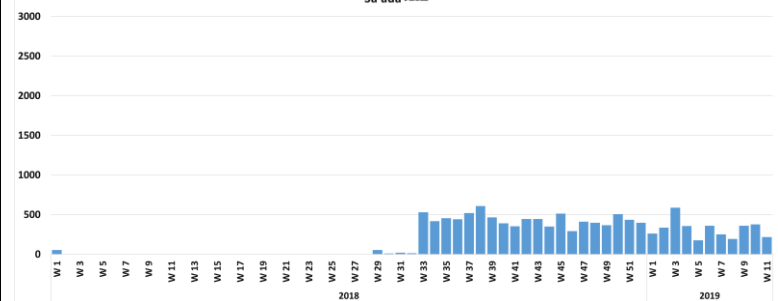
مرب Marib



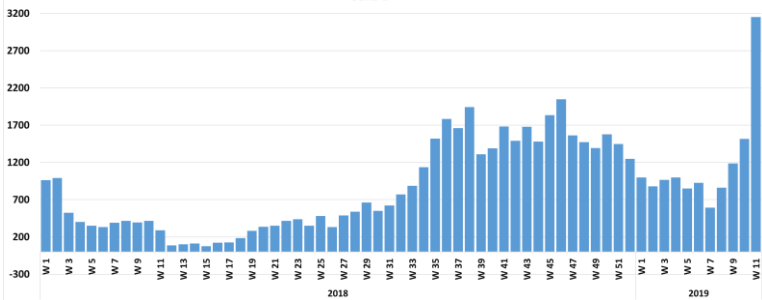
ربيع Raymah



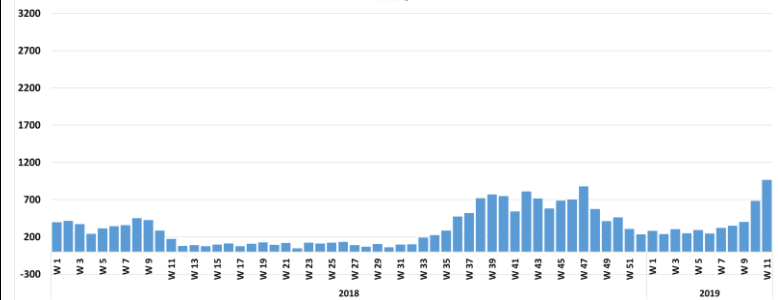
صعدة Sa'ada



صنعاء Sana'a



تعز Taizz



Distribution of suspected cholera cases (district level) for weeks (9/10/11) 2019

