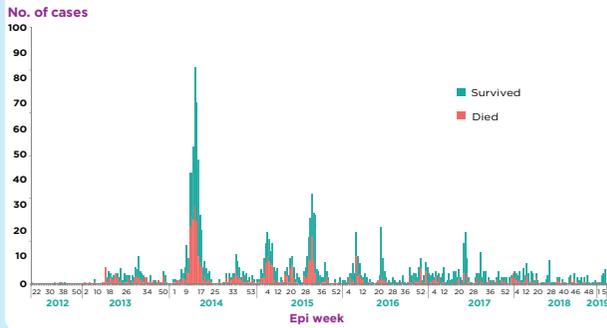


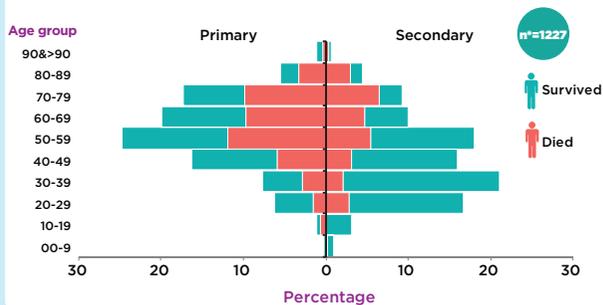
HIGHLIGHTS

- At the end of January 2019, a total of 2298 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 811 associated deaths (case-fatality rate: 35.2%) were reported globally; the majority of these cases were reported from Saudi Arabia (1915 cases, including 735 related deaths with a case-fatality rate of 38.3%).
- During the month of January, a total of 19 laboratory-confirmed cases of MERS were reported globally; 14 of the cases were reported from Saudi Arabia with 3 associated deaths and 5 from Oman with 2 associated deaths. Of the cases reported from Saudi Arabia, 3 household clusters were reported with a total of 8 cases. The cluster reported from Oman included 5 young females (age range 30-59) living in the same region. Of these cases, 4 were secondary cases, identified through contact tracing of the 1st case detected on the 24th of January. Prior to this event, Oman has reported 11 laboratory-confirmed cases of MERS-CoV infection to WHO since 2012.
- The demographic and epidemiological characteristics of reported cases, when compared during the same corresponding period of 2013 to 2019, do not show any significant difference or change. Owing to improved infection prevention and control practices in hospitals, the number of hospital-acquired cases of MERS has dropped significantly since 2015.
- The age group 50-59 years continues to be at highest risk for acquiring infection of primary cases. The age group 30-39 years is most at risk for secondary cases. The number of deaths is higher in the age group 50-59 years for primary cases and 70-79 years for secondary cases.

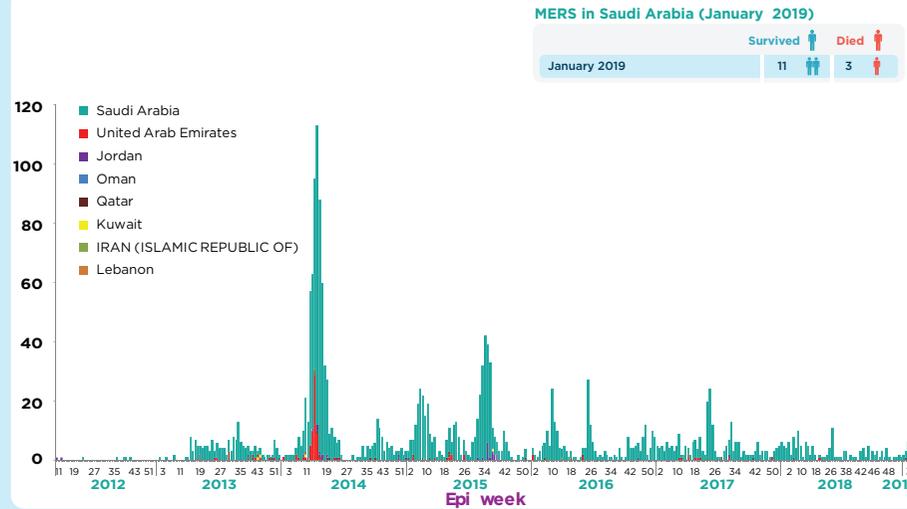
MERS cases reported from the Kingdom of Saudi Arabia by week of symptoms onset, June 2012-January 2019



Age and fatality distribution of Primary and Secondary cases of MERS reported from Saudi Arabia, 2012-January 2019



Laboratory-confirmed cases of MERS reported in Eastern Mediterranean Region, April 2012-January 2019



Epidemiological characteristics of MERS cases reported globally between Aug-January 2013 and Aug-January 2019

Characteristic	Aug 13-Jan 14	Aug 14-Jan 15	Aug 15-Jan 16	Aug 16-Jan 17	Aug 17-Jan 18	Aug 18-Jan 19
Number	107	130	240	107	106	59
Median age in years	53	56	54	57	53	54
Gender (% male)	72	78	61	77	71	81
% of primary cases	21	40	8	39	29	39
% of secondary cases	39	32	60	11	137	31
(%) of unknown contact history	38	26	5	2	10	2
% of HCW	21	12	18	5	9	0
% of Fatal	19	42	34	33	35	22

Characteristics of MERS cases reported from Kingdom of Saudi Arabia, June 2012-January 2019

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	Grand Total
Primary	3	36	164	52	74	71	54	2	456
Secondary	2	93	264	222	60	90	35	5	771
Missing		1	15	102	103	68	52	5	346
Unknown		28	219	78	11	5	1		342
Total	5	158	662	454	248	234	142	12	1915

SUMMARY

2298 Laboratory-confirmed Cases Reported Since April 2012

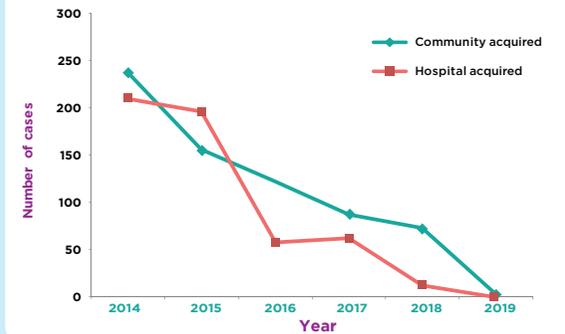
811 deaths reported since April 2012

27 countries reported cases globally

12 countries reported cases since April 2012 in the Eastern Mediterranean Region

5 laboratory-confirmed cases reported from Oman in 2019

Community versus hospital acquired (symptomatic) MERS cases in Eastern Mediterranean Region, Jan 2014-Jan 2019



Cases of MERS in healthcare workers reported from Saudi Arabia Jan 2013 - Jan 2019

