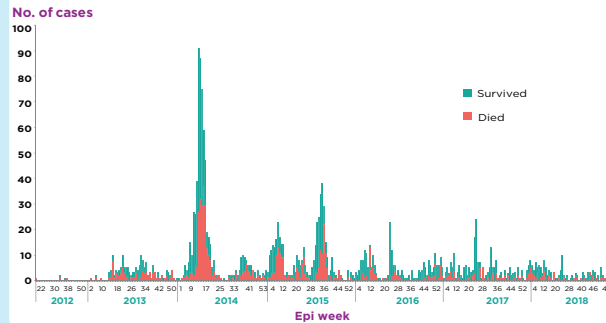


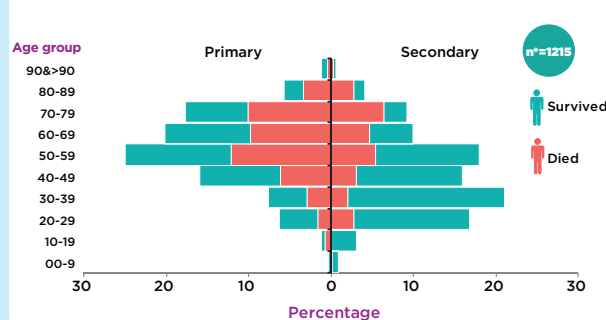
HIGHLIGHTS

- At the end of November 2018, a total of 2274 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 806 associated deaths (case-fatality rate: 35.4%) were reported globally; the majority of these cases were reported from Saudi Arabia (1896 cases, including 732 related deaths with a case-fatality rate of 38.6%).
- During the month of November, a total of 8 laboratory-confirmed cases of MERS were reported globally (all from Saudi Arabia), including 2 associated death. Two of the cases were a secondary infection through household contact.
- The demographic and epidemiological characteristics of reported cases, when compared during the same corresponding period of 2013 to 2018, 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.

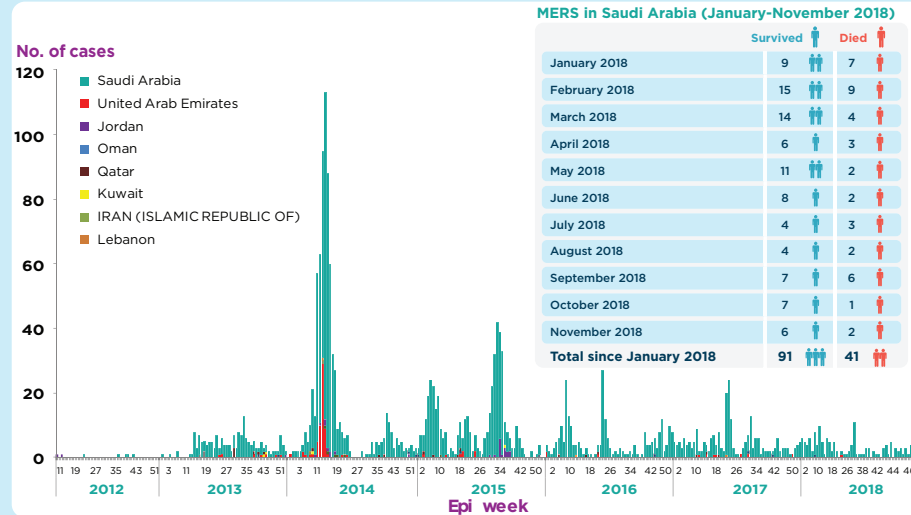
MERS cases reported from the Kingdom of Saudi Arabia by week of symptoms onset, June 2012-November 2018



Age and fatality distribution of Primary and Secondary cases of MERS reported from Saudi Arabia, 2012-November 2018



Laboratory-confirmed cases of MERS reported in Eastern Mediterranean Region, April 2012-November 2018



Epidemiological characteristics of MERS cases reported globally between June-November 2013 and June-November 2018

Characteristic	Jun-Nov 13	Jun-Nov 14	Jun-Nov 15	Jun-Nov 16	Jun-Nov 17	Jun-Nov 18
Number	105	110	252	118	134	47
Median age in years	50	53	55	54	48	56
Gender (% male)	56	82	146	74	83	39
% of primary cases	23	40	6	35	22	49
% of secondary cases	55	38	61	25	49	19
(%) of unknown contact history	21	22	2	7	1	0
% of HCW	22	16	18	19	25	0
% of Fatal	44	45	35	25	25	34

Characteristics of MERS cases reported from Kingdom of Saudi Arabia, June 2012-November 2018

Type of case	2012	2013	2014	2015	2016	2017	2018	Grand Total
Primary	3	36	164	52	74	71	50	450
Secondary	2	93	264	222	60	90	34	765
Missing		1	15	102	103	68	50	339
Unknown		28	219	78	11	5	1	342
Total	5	158	662	454	248	234	135	1896

SUMMARY

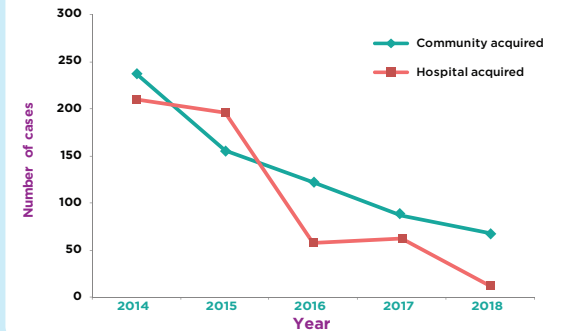
2274 Laboratory-confirmed Cases Reported Since April 2012

806 deaths reported since April 2012

27 countries reported cases globally

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

Community versus hospital acquired (symptomatic) MERS cases in Eastern Mediterranean Region, Jan 2014-Nov 2018



Cases of MERS in healthcare workers reported from Saudi Arabia Jan 2013 - Nov 2018

