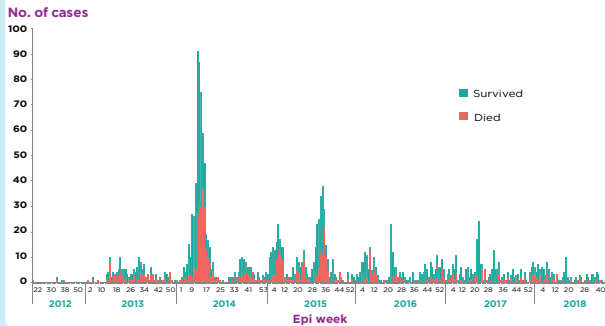


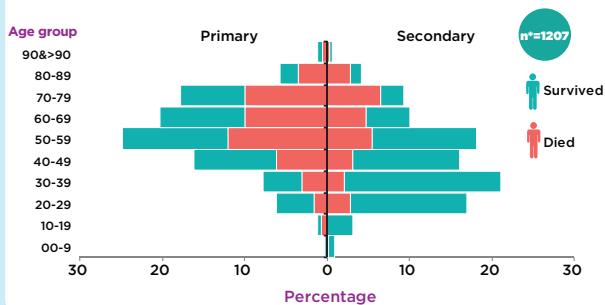
HIGHLIGHTS

- At the end of October 2018, a total of 2266 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 804 associated deaths (case-fatality rate: 35.5%) were reported globally; the majority of these cases were reported from Saudi Arabia (1888 cases, including 730 related deaths with a case-fatality rate of 38.7%).
- During the month of October, a total of 8 laboratory-confirmed cases of MERS were reported globally (all from Saudi Arabia), including 1 associated death. One of the cases was a secondary infection through household contact with a case reported in September.
- 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.

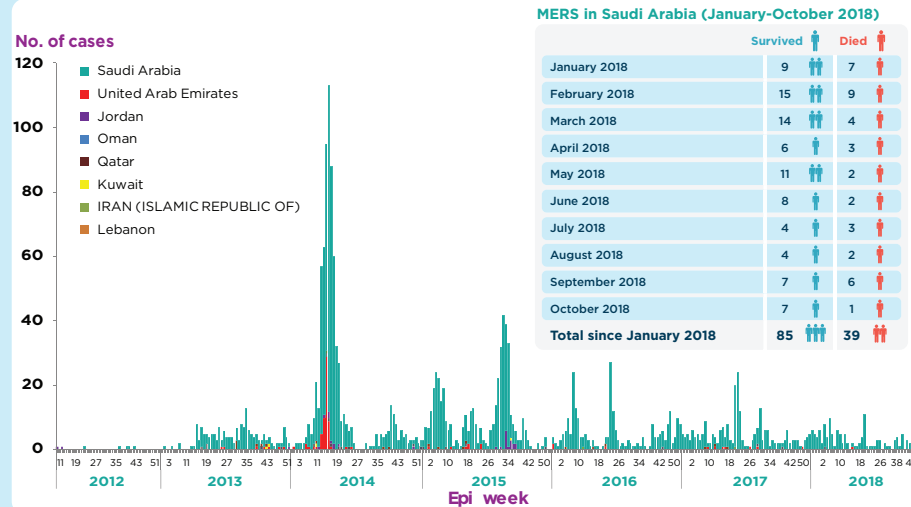
MERS cases reported from the Kingdom of Saudi Arabia by week of symptoms onset, June 2012-October 2018



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



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



MERS in Saudi Arabia (January-October 2018)

	Survived	Died
January 2018	9	7
February 2018	15	9
March 2018	14	4
April 2018	6	3
May 2018	11	2
June 2018	8	2
July 2018	4	3
August 2018	4	2
September 2018	7	6
October 2018	7	1
Total since January 2018	85	39

SUMMARY

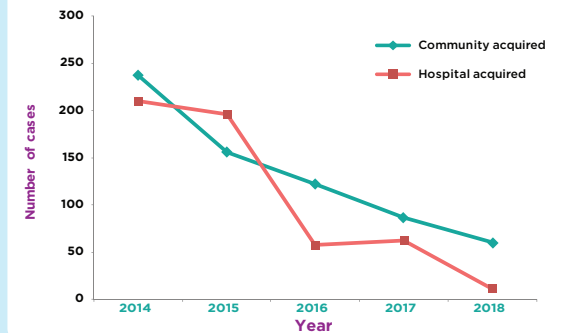
2266 Laboratory-confirmed Cases Reported Since April 2012

804 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-Oct 2018



Epidemiological characteristics of MERS cases reported globally between May-October 2013 and May-October 2018

Characteristic	May-Oct 13	May-Oct 14	May-Oct 15	May-Oct 16	May-Oct 17	May-Oct 18
Number	119	251	289	94	137	55
Median age in years	51	44	55	54	48	55
Gender (% male)	58	61	62	62	66	89
% of primary cases	23	25	7	33	21	36
% of secondary cases	61	49	58	31	52	33
(%) of unknown contact history	16	25	1	9	0	2
% of HCW	20	25	17	23	28	2
% of Fatal	47	33	38	22	26	27

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

Type of case	2012	2013	2014	2015	2016	2017	2018	Grand Total
Primary	3	36	164	52	74	71	44	444
Secondary	2	93	264	222	60	90	32	763
Missing		1	15	102	103	68	50	339
Unknown		28	219	78	11	5	1	342
Total	5	158	662	454	248	234	127	1888

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

