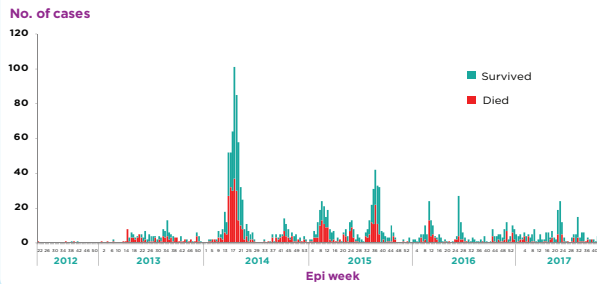


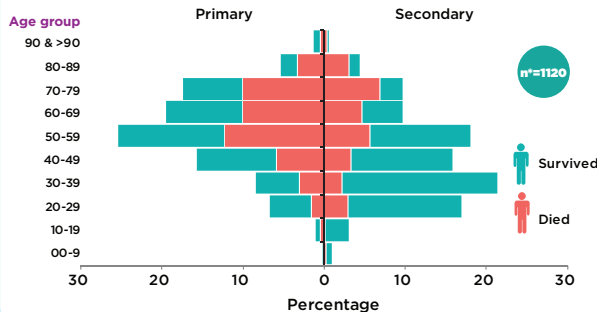
HIGHLIGHTS

- At the end of October 2017, a total of 2105 laboratory-confirmed cases of Middle East respiratory syndrome coronavirus (MERS-CoV), including 749 associated deaths (case-fatality rate: 35.6%) were reported globally; the majority of these cases were reported from Saudi Arabia (1733 laboratory-confirmed cases, including 675 related deaths with a case-fatality rate of 38.9%).
- During the month of October, 11 laboratory-confirmed cases of MERS were reported as follows, 10 laboratory-confirmed cases in Saudi Arabia, including one associated death and 1 laboratory-confirmed case in Oman. No health-care associated transmission or hospital outbreak was reported during this month.
- The demographic and epidemiological characteristics of the cases reported in 2017 do not show any significant difference compared with cases reported during the same period from 2012 to 2016. Owing to improved infection prevention and control practices in the hospitals, the number of hospital-acquired cases of MERS has dropped significantly in 2015 and in 2016 compared to previous years.
- The age group of those aged 50–59 years continues to be the group at highest risk for acquiring infection as primary cases. For secondary cases, it is the age group of 30–39 years who are mostly at risk. The number of deaths is higher in the age group of 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 2017

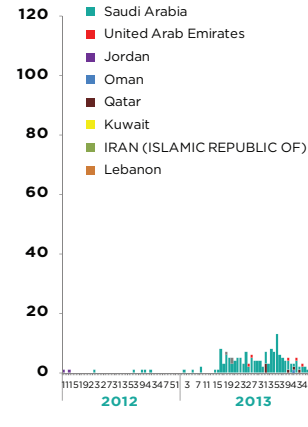


Age and fatality distribution of Primary and Secondary cases of MERS reported from Saudi Arabia, 2012-October 2017



Laboratory-confirmed cases of MERS reported in Eastern Mediterranean Region, April 2012-October 2017

No. of cases



MERS in Saudi Arabia (January - October 2017)

	Survived	Died
January 2017	12	6
February 2017	12	8
March 2017	14	2
April 2017	16	2
May 2017	10	6
June 2017	48	10
July 2017	5	5
August 2017	26	6
September 2017	3	5
October 2017	9	1
Total since January 2017	155	51

SUMMARY

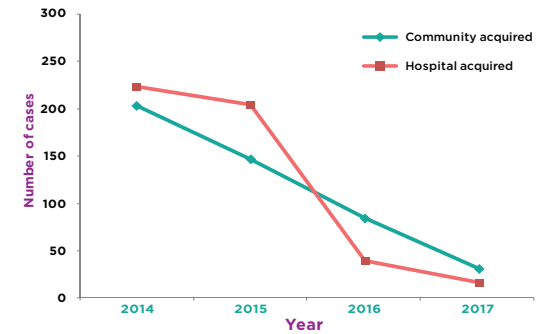
2105 Laboratory-confirmed Cases Reported Since April 2012

749 deaths reported from MERS since April 2012

27 countries reported MERS cases globally

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

Community versus hospital acquired (symptomatic) MERS cases in Eastern Mediterranean Region, Jan 2014-Oct 2017



Epidemiological characteristics of MERS cases reported globally between Jan-Oct 2013 and Jan-Oct 2017

Characteristic	Jan-Oct 2013	Jan-Oct 2014	Jan-Oct 2015	Jan-Oct 2016	Jan-Oct 2017
Number	159	724	669	202	218
Median age in years	51	48	54	54	50
Gender (% male)	64	64	65	73	73
% of primary cases	23	20	9	32	33
% of secondary cases	57	42	39	26	41
(%) of unknown contact history	18	31	13	5	3
% of HCW	18	27	10	16	21
% of Fatal	52	38	33	29	23

Characteristics of MERS cases reported from Kingdom of Saudi Arabia, June 2012-October 2017

Type of case	2012	2013	2014	2015	2016	2017	Grand Total
Primary	3	36	164	52	74	65	394
Secondary	2	93	264	222	56	89	726
Source Unidentified		1	15	102	107	47	272
Unknown		28	219	78	11	5	341
Total	5	158	662	454	248	206	1733

Reported cases of MERS in healthcare workers, January 2013-October 2017

