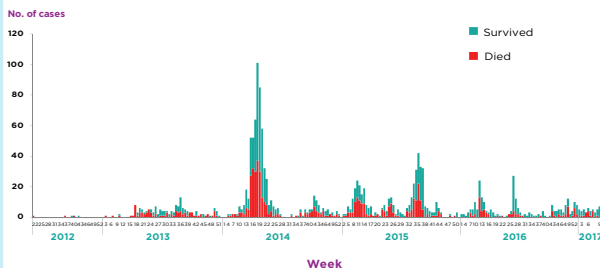


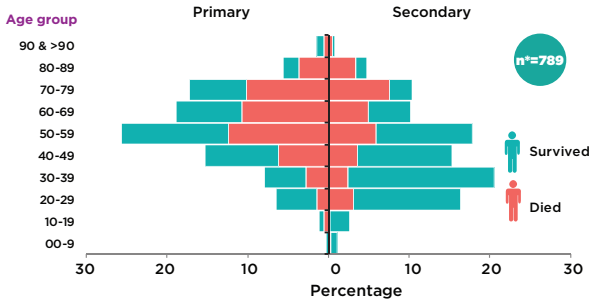
HIGHLIGHTS

- At the end of March 2017, a total of 1936 laboratory-confirmed cases of Middle East respiratory syndrome coronavirus (MERS-CoV), including 713 deaths (case-fatality rate: 36.8%) were reported globally; Majority of these cases were reported from Saudi Arabia (1575 laboratory-confirmed cases, including 639 deaths with a case-fatality rate of 40%).
- During the months of February and March 2017, one hospital outbreak was reported from the Riyadh region resulting in 10 cases. No death was reported from this hospital cluster. The date of onset of illness of the index case was 26 February 2017 and that of the last laboratory-confirmed case was 11 March 2017. As no case was reported from this hospital cluster since 11 March and the interval period until the end of March is more than the double of the incubation period for MERS, it is safe to say that this hospital outbreak is essentially over.
- Owing to improved infection prevention and control practices in the hospitals, the number of hospital-acquired cases of MERS has significantly dropped in 2015 and in 2016 compared to previous years. The demographic and epidemiological characteristics of the cases reported between January and March 2017 do not show any significant difference when compared with cases reported during the same period from 2013 to 2016.
- 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 deaths are 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- March 2017

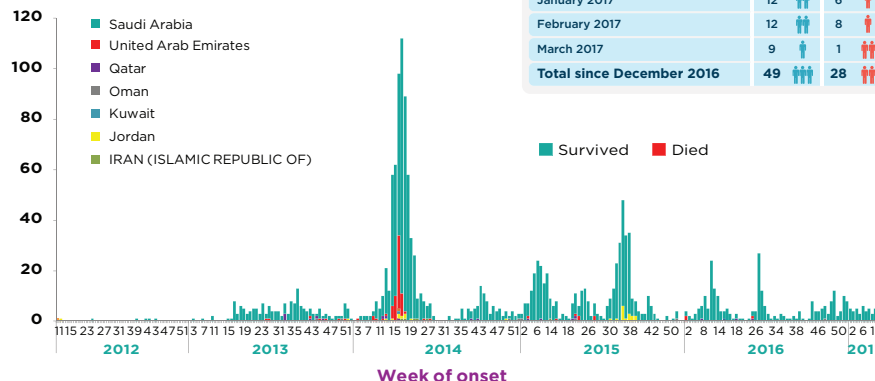


Age and fatality distribution of Primary and Secondary cases of MERS reported from Saudi Arabia, 2012-March 2017



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

No. of cases



MERS in Saudi Arabia (Dec 2016-Mar 2017)

	Survived	Died
December 2016	16	13
January 2017	12	6
February 2017	12	8
March 2017	9	1
Total since December 2016	49	28

SUMMARY

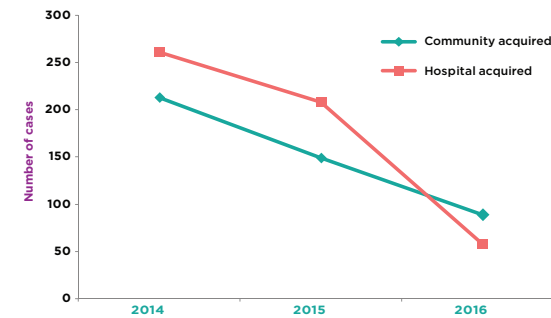
1,936 Laboratory-confirmed Cases Reported Since April 2012

713 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 MERS cases in Eastern Mediterranean Region, 2014-2016



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

Characteristic	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017
Number	8	80	156	89	49
Median age in years	51	49	55	56	55
Gender (% male)	75	78	76	81	76
% of primary cases	50	33	17	25	51
% of secondary cases	38	34	35	28	18
(%) of unknown contact history	13	31	47	2	4
% of HCW	0	21	12	10	6
% of Fatal	75	43	46	37	31

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

Type of case	2012	2013	2014	2015	2016	2017	Grand Total
Primary	3	36	164	52	74	25	354
Secondary	2	93	264	222	56	11	648
Source Unidentified		1	15	102	107	10	235
Unknown		28	219	78	11	2	338
Total	5	158	662	454	248	48	1575

Hospital outbreak in Riyadh region, Feb-Mar 2017 (n=10)

