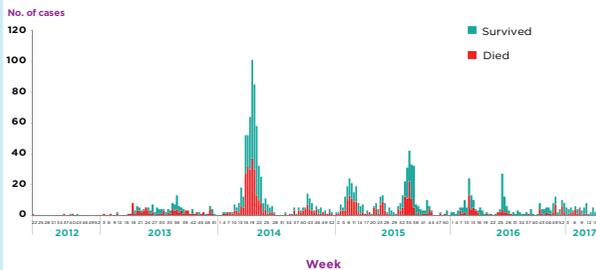


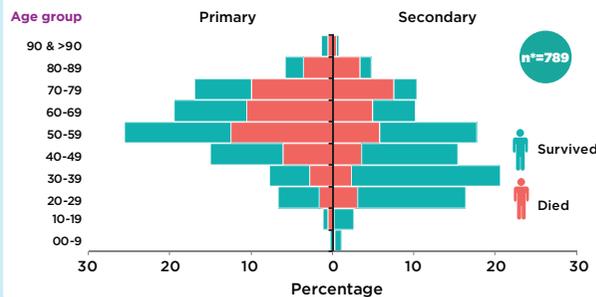
HIGHLIGHTS

- At the end of April 2017, a total of 1950 laboratory-confirmed cases of Middle East respiratory syndrome coronavirus (MERS-CoV), including 714 deaths (case-fatality rate: 36.6%) were reported globally; the majority of these cases were reported from Saudi Arabia (1586 laboratory-confirmed cases, including 640 deaths with a case-fatality rate of 40.4%).
- During the month of April, only 7 laboratory-confirmed cases were reported globally with no deaths. No health-care associated transmission or hospital outbreak was reported during this month. No new case was reported from the cluster of health-care associated transmissions reported from a hospital in the Riyadh region during the months of February and March. The date of reporting of last laboratory-confirmed case from this cluster was 11 March 2017.
- 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 demographic and epidemiological characteristics of the cases reported between January and April 2017 do not show any significant difference when compared with cases reported during the same period from 2013 to 2016. The percentage of secondary cases from MERS reported during the first quarter of 2017 was 19% compared to 26% during the same period in 2016, and 33% in 2015 and 39% in 2014.
- 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.

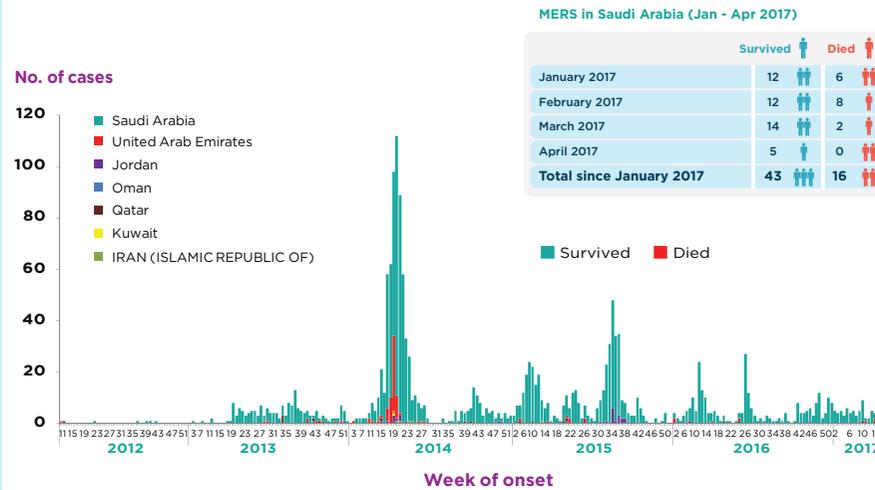
MERS cases reported from the Kingdom of Saudi Arabia by week of symptoms onset, June 2012- April 2017



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



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



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

Characteristic	Jan-Apr 2013	Jan-Apr 2014	Jan-Apr 2015	Jan-Apr 2016	Jan-Apr 2017
Number	24	450	167	103	63
Median age in years	56	48	56	55	54
Gender (% male)	79	65	77	83	79
% of primary cases	29	18	19	28	51
% of secondary cases	67	39	33	26	19
(%) of unknown contact history	4	36	46	3	11
% of HCW	0	28	11	10	8
% of Fatal	79	41	47	35	25

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

Type of case	2012	2013	2014	2015	2016	2017	Grand Total
Primary	3	36	164	52	74	31	360
Secondary	2	93	264	222	56	13	650
Source Unidentified		1	15	102	107	10	235
Unknown		28	219	78	11	5	341
Total	5	158	662	454	248	59	1586

SUMMARY

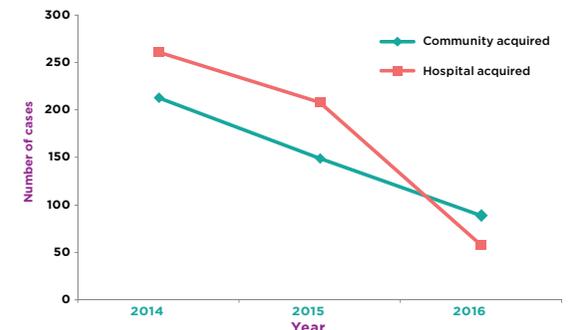
1,950 Laboratory-confirmed Cases Reported Since April 2012

714 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



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

