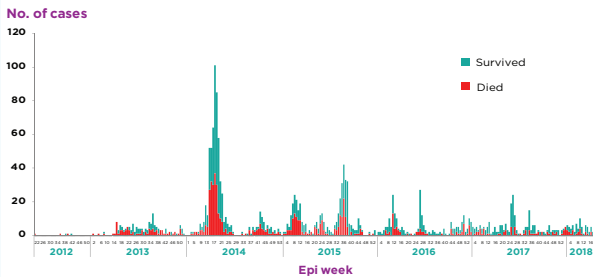


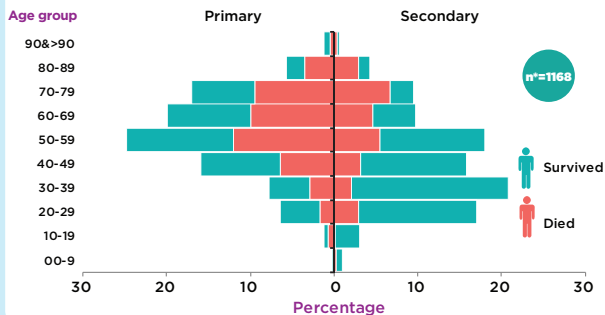
HIGHLIGHTS

- At the end of April 2018, a total of 2206 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 787 associated deaths (case-fatality rate: 35.7%) were reported globally; the majority of these cases were reported from Saudi Arabia (1831 cases, including 713 related deaths with a case-fatality rate of 39%).
- During the month of April, a total of 7 laboratory-confirmed cases of MERS were reported in Saudi Arabia including 2 associated deaths (case-fatality rate: 28.6%). No healthcare associated transmission or hospital outbreak was reported during this month.
- The demographic and epidemiological characteristics of cases do not show any significant difference when compared to cases reported during the same corresponding period of 2013 to 2018. 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 the highest risk for acquiring infection as 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-April 2018

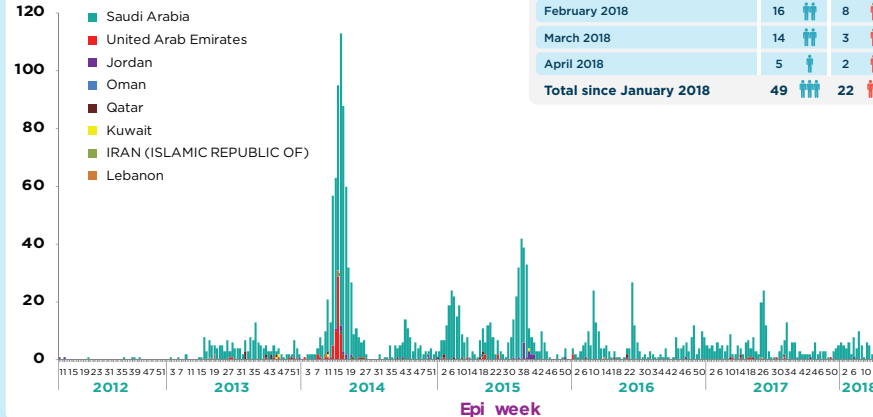


Age and fatality distribution of Primary and Secondary cases of MERS reported from Saudi Arabia, 2012-April 2018



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

No. of cases



MERS in Saudi Arabia (January-April 2018)

	Survived	Died
January 2018	14	9
February 2018	16	8
March 2018	14	3
April 2018	5	2
Total since January 2018	49	22

SUMMARY

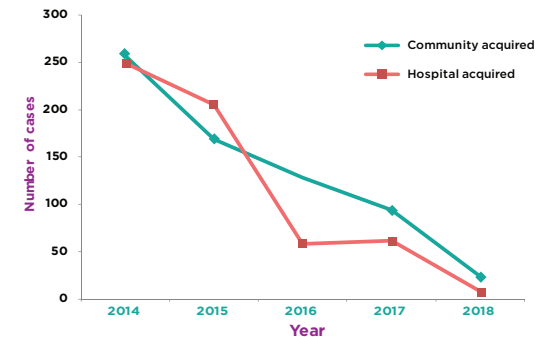
2206 Laboratory-confirmed Cases Reported Since April 2012

787 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, Apr 2012-Apr 2018



Epidemiological characteristics of MERS cases reported globally between Nov 2012-Apr 2013 and Nov 2017-Apr 2018

Characteristic	Nov 12-Apr 13	Nov 13-Apr 14	Nov 14-Apr 15	Nov 15-Apr 16	Nov 16-Apr 17	Nov 17-Apr 18
Number	19	475	197	110	133	97
Median age in years	57	48	56	54	56	56
Gender (% male)	79	66	77	81	78	74
% of primary cases	26	19	26	27	41	31
% of secondary cases	74	38	31	27	17	15
(%) of unknown contact history	0	37	40	5	5	0
% of HCW	0	28	10	10	6	4
% of Fatal	79	42	48	35	30	37

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

Type of case	2012	2013	2014	2015	2016	2017	2018	Grand Total
Primary	3	36	164	52	74	71	23	423
Secondary	2	93	264	222	60	90	14	745
Missing		1	15	102	103	68	33	322
Unknown		28	219	78	11	5		341
Total	5	158	662	454	248	234	70	1831

Reported cases of MERS in healthcare workers, January 2013- April 2018

