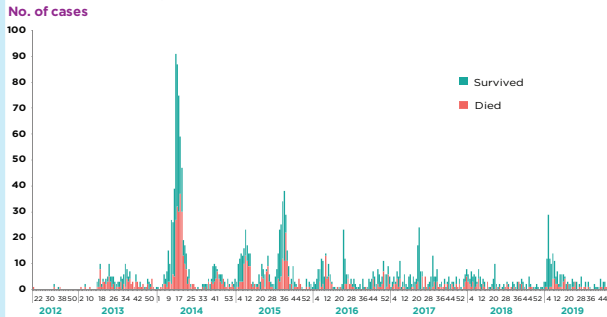


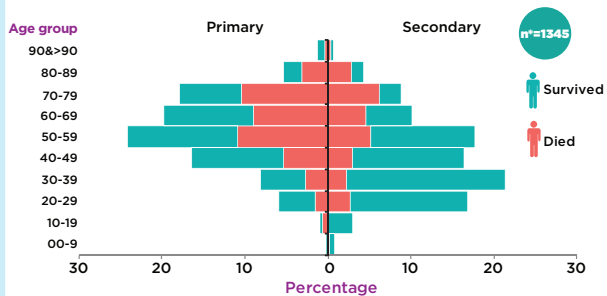
HIGHLIGHTS

- At the end of October 2019, a total of 2482 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 854 associated deaths (case-fatality rate: 34.4%) were reported globally; the majority of these cases were reported from Saudi Arabia (2090 cases, including 776 related deaths with a case-fatality rate of 37.1%).
- During the month of October, a total of 14 laboratory-confirmed cases of MERS were reported globally. 13 of the cases were reported from Saudi Arabia with 3 associated deaths and 1 case was reported from United Arab Emirates. One healthcare worker was also infected this month while providing care for a case. No other cluster of cases was reported this month. Two of the cases had their symptom onset in September. The 3 deaths reported were within the 70-79 age group.
- The demographic and epidemiological characteristics of reported cases, when compared during the same corresponding period of 2014 to 2019, do not show any significant difference or change. The number of cases reported in this period was less than all other corresponding periods.
- The age group 50-59 years continues to be at the 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.

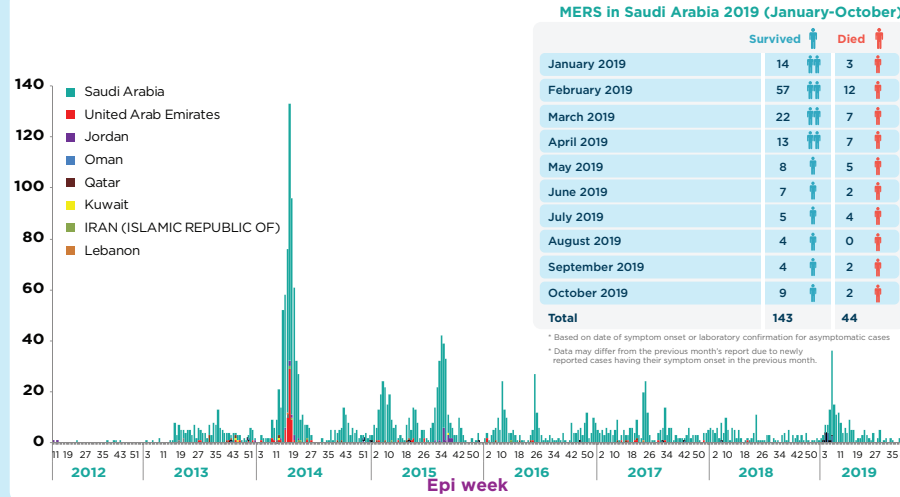
MERS cases reported from the Kingdom of Saudi Arabia by week of symptoms onset, June 2012-October 2019



Age and fatality distribution of Primary and Secondary cases of MERS reported from Saudi Arabia, 2012-October 2019



Laboratory-confirmed cases of MERS reported in Eastern Mediterranean Region, July 2012-October 2019



Epidemiological characteristics of MERS cases reported globally between May-October 2013 and May-October 2019

Characteristic	May-Oct 14	May-Oct 15	May-Oct 16	May-Oct 17	May-Oct 18	May-Oct 19
Number	274	502	99	145	58	53
Median age in years	47	54	52	48	54	55
Gender (% male)	62	61	64	68	90	81
% of primary cases	25	11	49	32	55	77
% of secondary cases	51	86	40	68	43	23
(%) of unknown contact history	25	3	11	0	2	0
% of HCW	24	15	22	27	2	6
% of Fatal	32	29	22	24	28	28

Characteristics of MERS cases reported from Kingdom of Saudi Arabia, June 2012-October 2019

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	Grand Total
Primary	3	36	164	52	75	70	54	51	505
Secondary	2	93	264	222	60	90	35	74	840
Missing		1	15	102	103	68	52	62	403
Unknown		28	219	78	11	5	1		342
Total	5	158	662	454	249	233	142	187	2090

SUMMARY

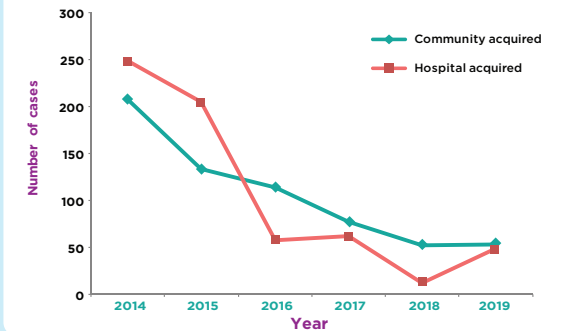
2482 Laboratory-confirmed cases reported since April 2012

854 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 2019



Cases of MERS in healthcare workers reported from Saudi Arabia Jan 2013 - Oct 2019

