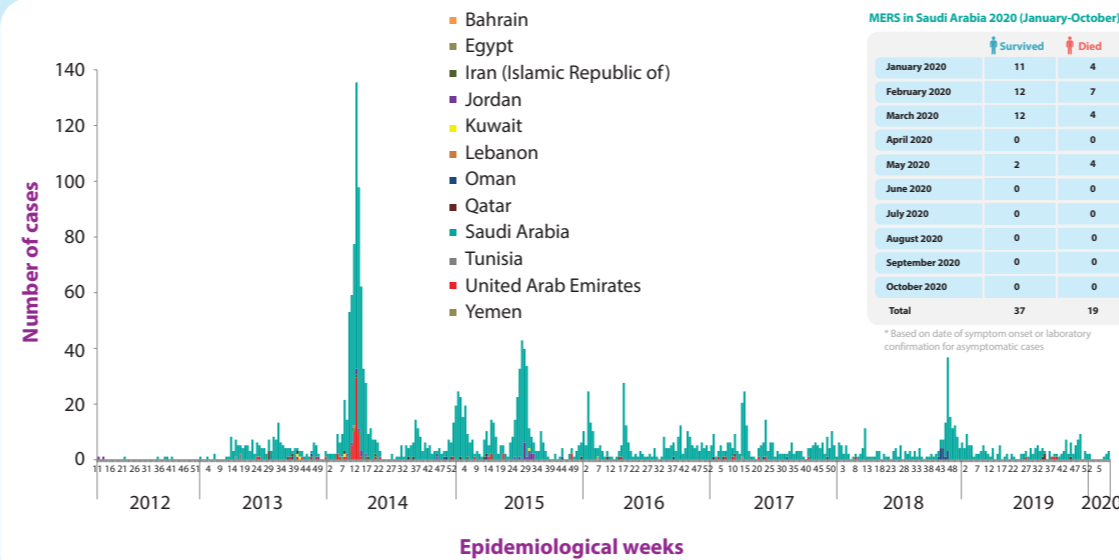


Highlights

- At the end of October 2020, a total of 2562 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 881 associated deaths (case-fatality rate: 34.39%) were reported globally; the majority of these cases were reported from Saudi Arabia (2163 cases, including 803 related deaths with a case-fatality rate of 37.12%).
- During the month of October, no cases were reported.
- The demographic and epidemiological characteristics of reported cases, when compared during the same corresponding period of 2015 to 2020, do not show any significant difference or change.
- 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.

Distribution of MERS reported cases from EMR by week of onset, 2012-2020



Summary

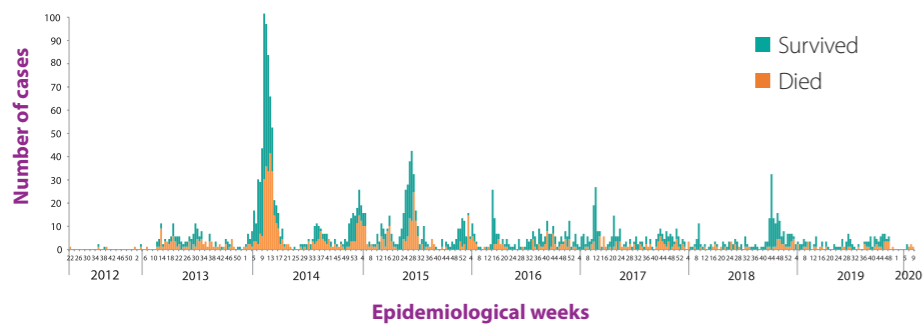
2562 Laboratory-confirmed cases reported since April 2012

881 deaths reported since April 2012

27 countries reported cases globally

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

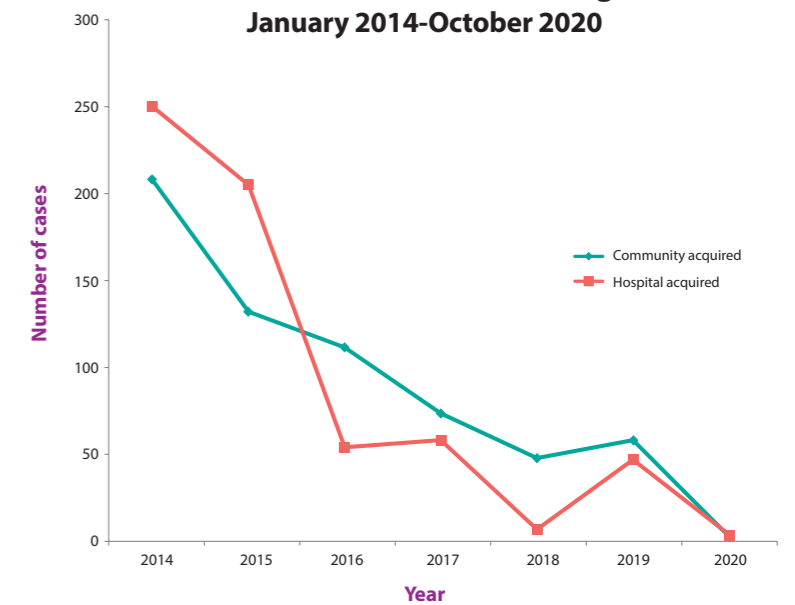
MERS cases reported from the Kingdom of Saudi Arabia by week of symptoms onset June 2012–October 2020



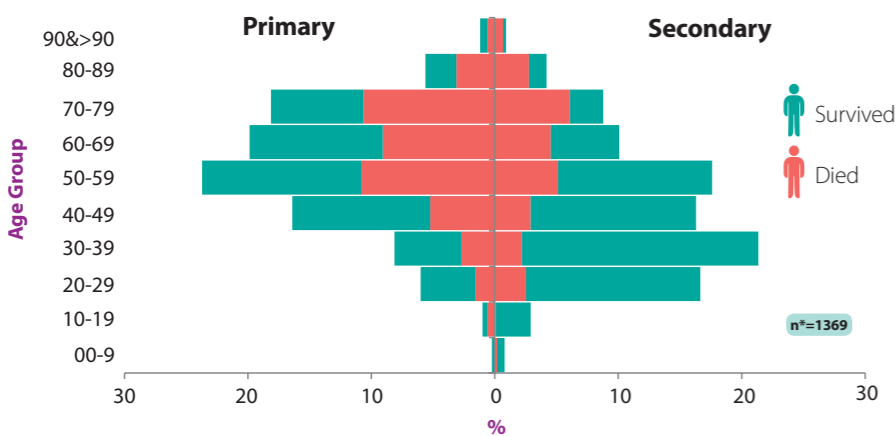
Characteristics of MERS cases reported from Kingdom of Saudi Arabia June 2012–October 2020

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	2020	Grand Total
Missing		1	15	102	103	68	52	56	6	403
Primary	3	36	164	52	75	70	54	57	8	519
Secondary	2	93	264	222	60	90	35	75	9	850
Unknown		28	219	78	11	5	1	16	33	391
Grand Total	5	158	662	454	249	233	142	204	56	2163

Community versus hospital acquired MERS cases in Eastern Mediterranean Region January 2014–October 2020



Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia June 2012–October 2020



Epidemiological characteristics of MERS cases reported globally between May-October 2015 and May-October 2020

Characteristic	May - Oct 15	May - Oct 16	May - Oct 17	May - Oct 18	May - Oct 19	May - Oct 20
Number	502	99	145	58	53	6
Median age in years	54	52	48	54	55	75
Gender (% male)	61	64	68	90	81	100
% of Primary Cases	11	49	32	55	77	0
% of Secondary cases	86	40	68	43	23	83
(%) of Unknown Contact History	3	11	0	2	0	0
% of HCW	15	22	27	2	6	17
% Fatal	29	22	24	28	28	64

Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013–October 2020

