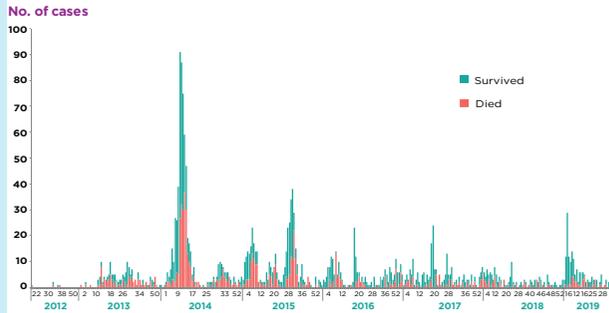


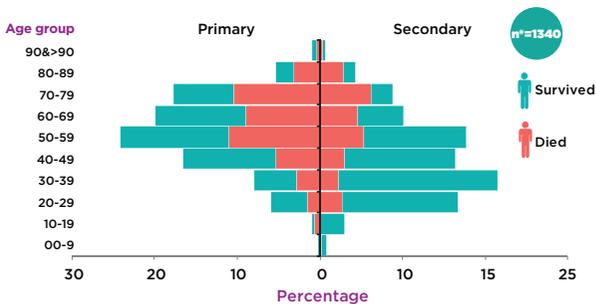
HIGHLIGHTS

- At the end of August 2019, a total of 2464 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 850 associated deaths (case-fatality rate: 34.4%) were reported globally; the majority of these cases were reported from Saudi Arabia (2073 cases, including 772 related deaths with a case-fatality rate of 37.2%).
- During the month of August, a total of 6 laboratory-confirmed cases of MERS were reported globally. All the 6 cases were reported from Saudi Arabia with 1 associated death. Two of the cases reported had their the symptom onset in the previous month of July, and one of the reported cases in July died. One household cluster of two cases was reported this month. All the reported cases were between 49 and 71 years of age and four them were male. No healthcare workers were affected this month.
- 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 similar to 2018, but significantly less than the 2014-2017 corresponding period.
- 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.

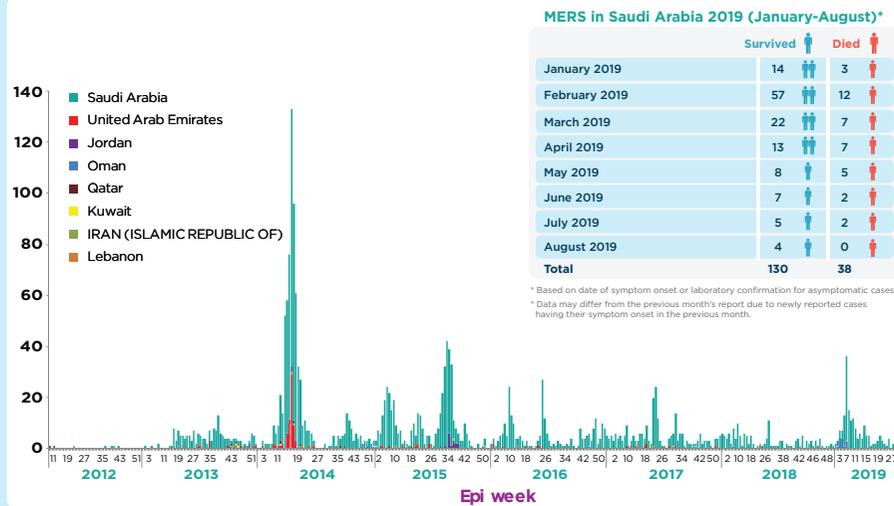
MERS cases reported from the Kingdom of Saudi Arabia by week of symptoms onset, June 2012-August 2019



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



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



Epidemiological characteristics of MERS cases reported globally between March-August 2013 and March-August 2019

Characteristic	Mar-Aug 14	Mar-Aug 15	Mar-Aug 16	Mar-Aug 17	Mar-Aug 18	Mar-Aug 19
Number	644	478	135	159	66	89
Median age in years	47	55	53	48	56	54
Gender (% male)	63	65	67	70	83	75
% of primary cases	19	11	32	22	35	26
% of secondary cases	42	53	33	55	27	34
(%) of unknown contact history	32	7	7	3	0	0
% of HCW	29	12	19	28	2	13
% of Fatal	36	31	31	19	27	29

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

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	Grand Total
Primary	3	36	164	52	75	70	54	47	498
Secondary	2	93	264	222	60	90	35	73	838
Missing		1	15	102	103	68	52	50	389
Unknown		28	219	78	11	5	1		342
Total	5	158	662	454	249	233	142	170	2073

SUMMARY

2464 Laboratory-confirmed cases reported since April 2012

850 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-Aug 2019



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

