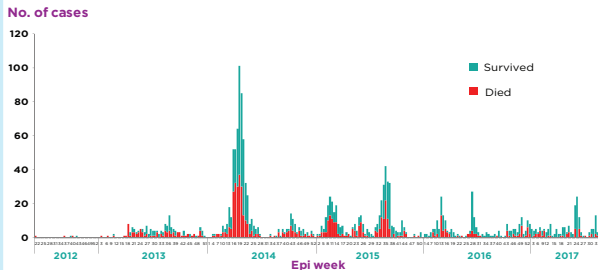


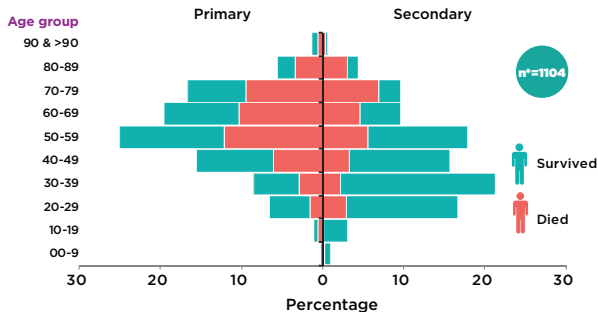
HIGHLIGHTS

- At the end of August 2017, a total of 2080 laboratory-confirmed cases of Middle East respiratory syndrome coronavirus (MERS-CoV), including 739 associated deaths (case-fatality rate: 35.5%) were reported globally; the majority of these cases were reported from Saudi Arabia (1710 laboratory-confirmed cases, including 665 related deaths with a case-fatality rate of 38.9%).
- During the month of August 2017, two clusters of MERS were reported from the same city in Al-Jawf Region of Saudi Arabia which were not epidemiologically related. Up to 31 August 2017, a total of 13 cases, including one related death (index case), were reported from the first cluster which was reported from a hospital. Of these, 10 cases were asymptomatic, including 8 health care workers. The 2 remaining cases were symptomatic and were household contacts of index case. The second cluster occurred in the community with 6 cases reported out of which 4 household contacts were asymptomatic. The date of onset of last laboratory-confirmed case from the hospital cluster was 10 August 2017, and since then no new cases were reported from this cluster. The date of onset of the last laboratory-confirmed case from the second cluster (in the community) was 29 August 2017.
- The demographic and epidemiological characteristics of the cases reported in 2017 do not show any significant difference compared with cases reported during the same period from 2012 to 2016. 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. However, recently the number of hospital-acquired cases has increased.
- 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 number of deaths is 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- August 2017

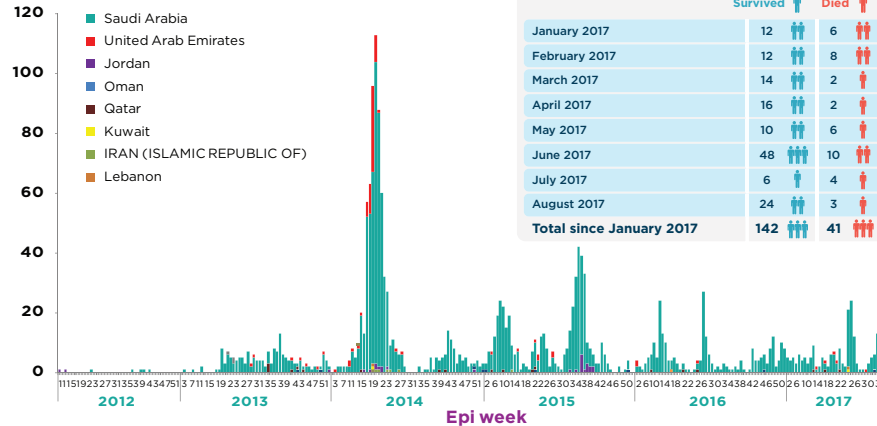


Age and fatality distribution of Primary and Secondary cases of MERS reported from Saudi Arabia, 2012-August 2017



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

No. of cases



MERS in Saudi Arabia (January - August 2017)

	Survived	Died
January 2017	12	6
February 2017	12	8
March 2017	14	2
April 2017	16	2
May 2017	10	6
June 2017	48	10
July 2017	6	4
August 2017	24	3
Total since January 2017	142	41

SUMMARY

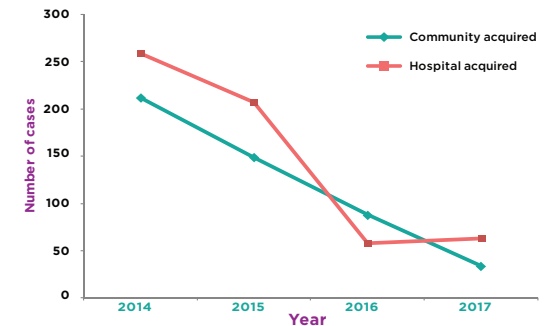
2080 Laboratory-confirmed Cases Reported Since April 2012

739 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, January 2014-August 2017



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

Characteristic	Jan-Aug 2013	Jan-Aug 2014	Jan-Aug 2015	Jan-Aug 2016	Jan-Aug 2017
Number	113	663	597	176	193
Median age in years	49	47	55	53	49
Gender (% male)	62	63	66	72	72
% of primary cases	24	19	9	31	28
% of secondary cases	65	42	37	27	46
(%) of unknown contact history	11	32	14	6	4
% of HCW	15	28	8	17	23
% of Fatal	53	37	35	29	21

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

Type of case	2012	2013	2014	2015	2016	2017	Grand Total
Primary	3	36	164	52	74	50	379
Secondary	2	93	264	222	56	88	725
Source Unidentified		1	15	102	107	40	265
Unknown		28	219	78	11	5	341
Total	5	158	662	454	248	183	1710

Two MERS clusters in Al-Jawf Region, Saudi Arabia, August 2017

