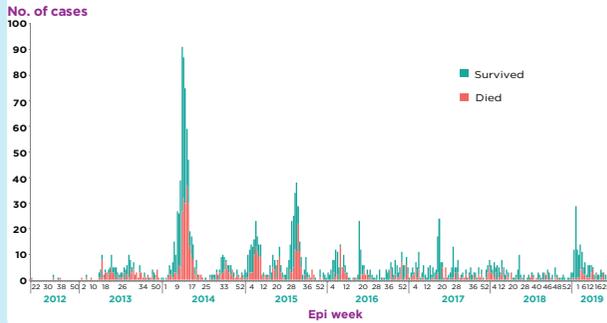


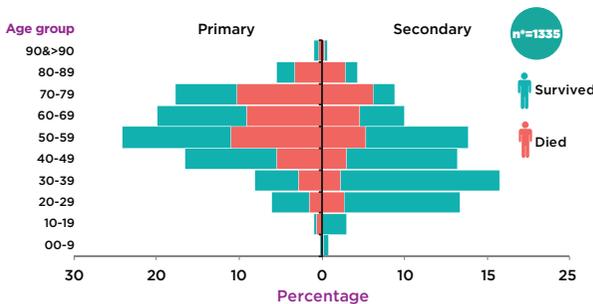
HIGHLIGHTS

- At the end of June 2019, a total of 2449 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 845 associated deaths (case-fatality rate: 34.5%) were reported globally; the majority of these cases were reported from Saudi Arabia (2058 cases, including 767 related deaths with a case-fatality rate of 37.2%). During the month of June, a total of 7 laboratory-confirmed cases of MERS were reported globally. All the 7 cases were reported from Saudi Arabia with 1 associated death. In addition, another death from a previously reported case in May was reported this month.
- This month, Saudi Arabia has not reported any new cases related to the Al-Khafji city outbreak. The outbreak has presumed to have stopped due to the effective response measures taken by Saudi Arabia. There were no cluster of cases reported this month apart from one secondary case, a health care worker linked to a case reported in the previous month (May).
- 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 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.

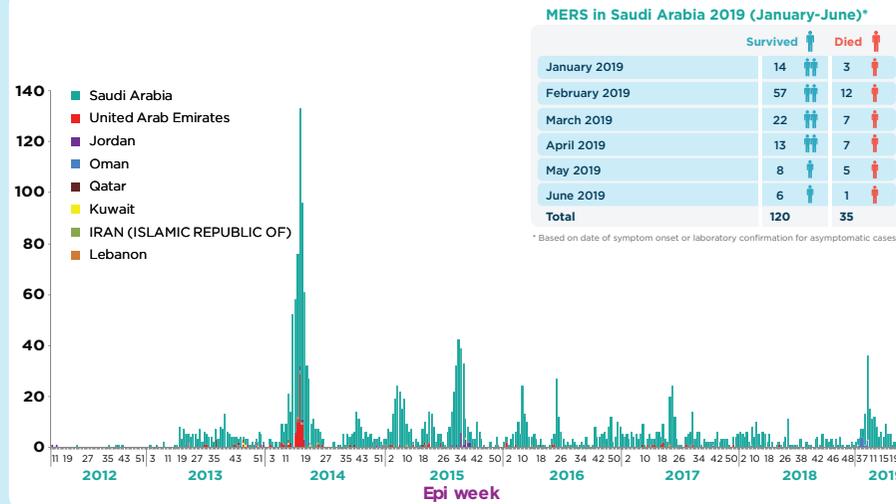
MERS cases reported from the Kingdom of Saudi Arabia by week of symptoms onset, June 2012-June 2019



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



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



MERS in Saudi Arabia 2019 (January-June)*

	Survived	Died
January 2019	14	3
February 2019	57	12
March 2019	22	7
April 2019	13	7
May 2019	8	5
June 2019	6	1
Total	120	35

* Based on date of symptom onset or laboratory confirmation for asymptomatic cases

Epidemiological characteristics of MERS cases reported globally between January-June 2013 and January-June 2019

Characteristic	Jan-Jun 14	Jan-Jun 15	Jan-Jun 16	Jan-Jun 17	Jan-Jun 18	Jan-Jun 19
Number	656	420	161	153	96	168
Median age in years	47	55	54	51	54	51
Gender (% male)	63	68	71	73	80	76
% of primary cases	19	15	26	29	32	26
% of secondary cases	42	39	31	46	26	49
(%) of unknown contact history	32	27	7	5	0	0
% of HCW	29	12	17	24	5	14
% of Fatal	37	32	30	22	28	23

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

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	Grand Total
Primary	3	36	164	52	74	71	54	43	492
Secondary	2	93	264	222	60	90	35	72	837
Missing		1	15	102	103	68	52	40	380
Unknown		28	219	78	11	5	1		342
Total	5	158	662	454	248	234	142	155	2058

SUMMARY

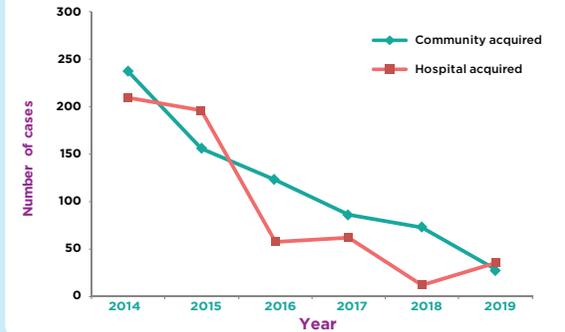
2449 Laboratory-confirmed cases reported since April 2012

845 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-June 2019



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

