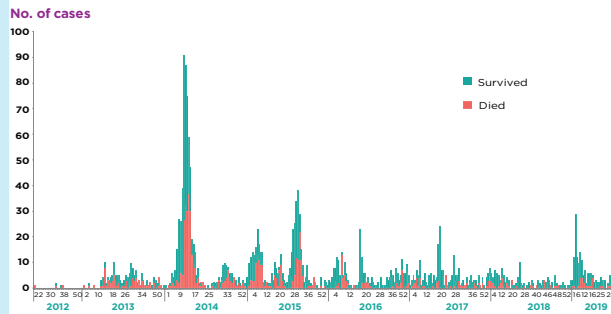


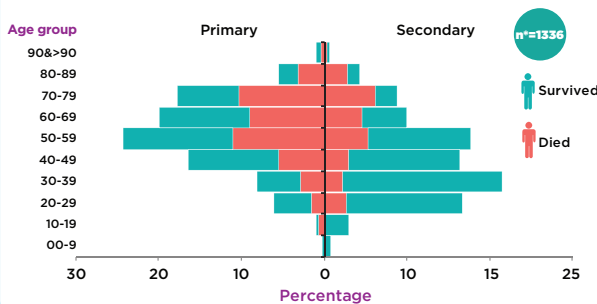
HIGHLIGHTS

- At the end of July 2019, a total of 2458 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 848 associated deaths (case-fatality rate: 34.49%) were reported globally; the majority of these cases were reported from Saudi Arabia (2067 cases, including 770 related deaths with a case-fatality rate of 37.25%).
- During the month of July, a total of 9 laboratory-confirmed cases of MERS were reported globally. All the 9 cases were reported from Saudi Arabia with 3 associated death. 2 of the cases reported had their the symptom onset in the previous month - June. There were no cluster of cases reported this month. One case had history of contact with camels and consumption of their raw milk while the exposure history of the other cases is still under investigation. Only one case reported this month was a female and one case reported was a non-national. 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 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-July 2019



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

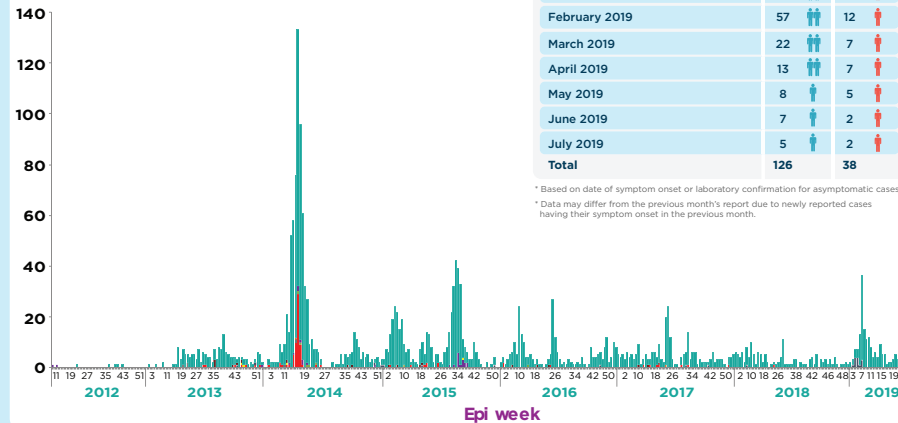


Laboratory-confirmed cases of MERS reported in Eastern Mediterranean Region, July 2012-July 2019

MERS in Saudi Arabia 2019 (January-July)*

	Survived	Died
January 2019	14	3
February 2019	57	12
March 2019	22	7
April 2019	13	7
May 2019	8	5
June 2019	7	2
July 2019	5	2
Total	126	38

* Based on date of symptom onset or laboratory confirmation for asymptomatic cases
* Data may differ from the previous month's report due to newly reported cases having their symptom onset in the previous month.



Epidemiological characteristics of MERS cases reported globally between February-July 2013 and February-July 2019

Characteristic	Feb-Jul 14	Feb-Jul 15	Feb-Jul 16	Feb-Jul 17	Feb-Jul 18	Feb-Jul 19
Number	651	416	159	146	81	151
Median age in years	47	54	53	50	55	51
Gender (% male)	62	67	70	74	83	77
% of primary cases	19	13	28	29	37	26
% of secondary cases	42	41	31	47	30	46
(%) of unknown contact history	32	22	6	3	0	0
% of HCW	29	12	19	25	5	15
% of Fatal	36	32	31	23	27	23

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

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	Grand Total
Primary	3	36	164	52	74	71	54	44	498
Secondary	2	93	264	222	60	90	35	72	838
Missing		1	15	102	103	68	52	48	389
Unknown		28	219	78	11	5	1		342
Total	5	158	662	454	248	234	142	164	2067

SUMMARY

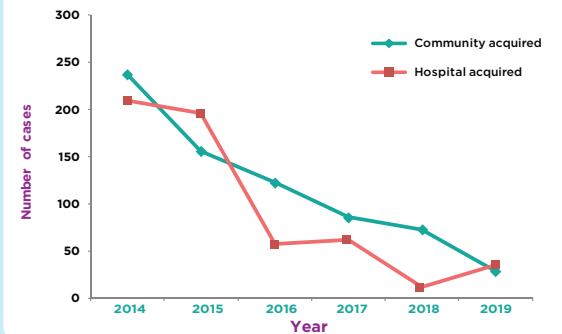
2458 Laboratory-confirmed cases reported since April 2012

848 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-July 2019



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

