

HIGHLIGHTS

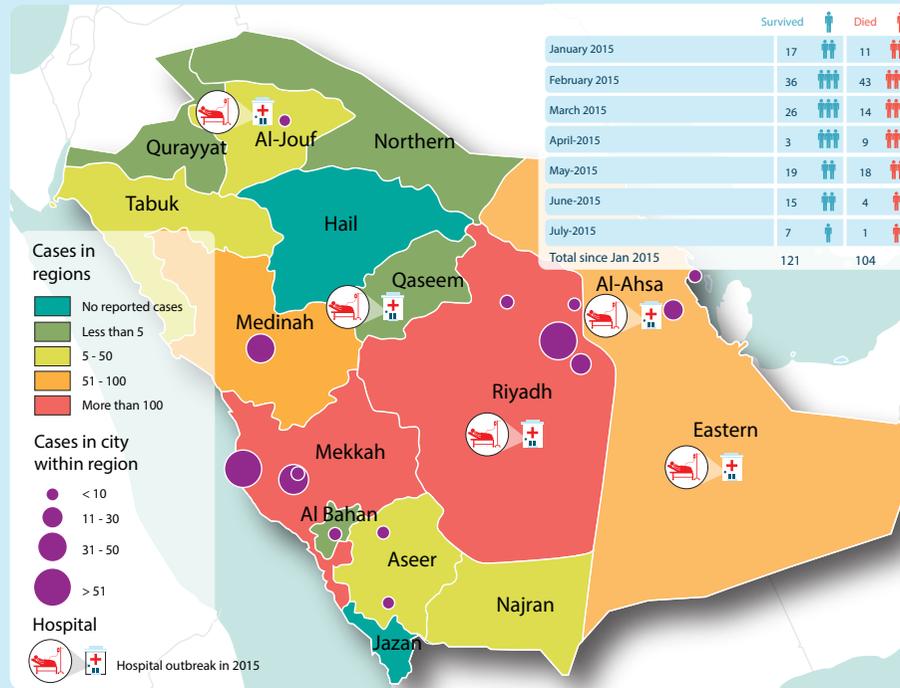
- A total of 240 laboratory-confirmed cases of Middle East respiratory syndrome coronavirus (MERS-CoV) including 106 deaths (CFR: 44.1%) were reported from the countries of WHO Eastern Mediterranean Region between 01 January to 31 July 2015. Majority of the cases were reported from Saudi Arabia (225 cases) followed by United Arab Emirates (7 cases), Qatar (4 cases), Oman (3 cases) and Islamic Republic of Iran (1 case)

- Compared to 2014, there has not been any substantial increase in number of reported cases and the age characteristics of the cases reported in 2015 do not show any significant difference when compared with the age characteristics of cases reported from 2012 to 2014 (combined)

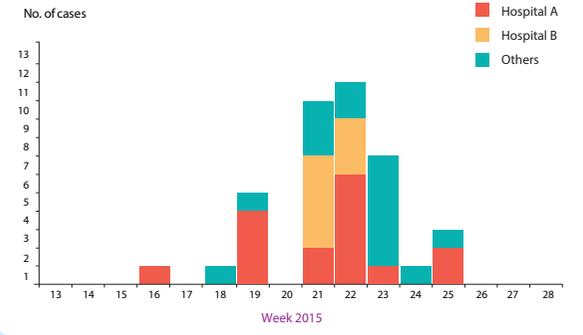
- The age group of 50-59 years continue to be the main risk group for acquiring infection for primary cases, while the risk group for secondary cases is observed to be 30-39 years. Majority of deaths amongst the secondary cases have been seen to have occurred in the age group of 50-59 and 70-79 years.

- Compared to 2014, although the cases have not registered a significant increase, small sized hospital outbreak continue to be reported from Saudi Arabia and remain a major concern. Since the epidemiological week no 16, a nosocomial outbreak involving two hospitals in Hofuf city of Al-Ahsa of Eastern Province has been reported. A total of 39 laboratory-confirmed cases of MERS-CoV including 19 deaths (CFR: 48.7%) were reported from this outbreak. The date of symptom onset of last case reported from this outbreak was 23 June 2015.

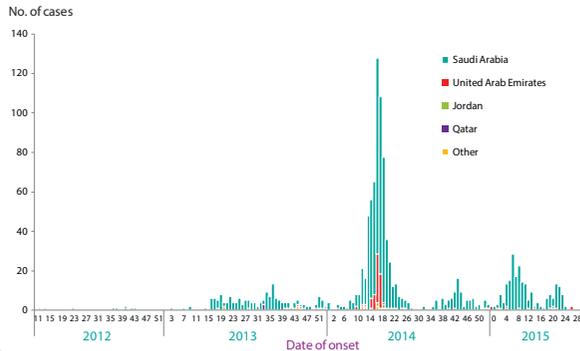
MERS-CoV cases in Saudi Arabia 2012- July 2015



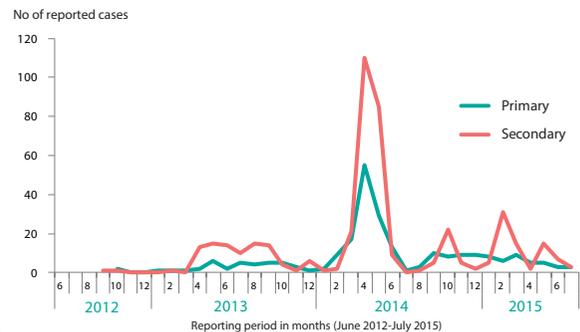
Recent case cluster in Hofuf, Al-Ahsa, Saudi Arabia, April-June, 2015



Epidemic curve of MERS-CoV cases reported from the Eastern Mediterranean Region, April 2012- July 2015



Comparison of primary and secondary cases over time, Saudi Arabia, 2012-2015



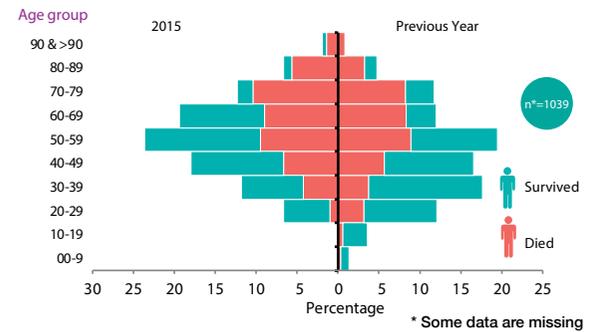
Epidemiological characteristics of MERS-CoV cases reported between Jan-June in 2013, 2014 and 2015 in Saudi Arabia

Characteristic	Jan-Jun 2013	Jan-Jun 2014	Jan-Jun 2015
Number	77	574	225
Median age in years	51	45	56
Gender (% male)	57	61	74
% of primary cases	23	22	17
% of secondary cases	69	40	32
(%) unknown contact history	8	36	33
% HCW	16	29	10
% Fatal	55	40	46

Reported MERS-CoV cases from Saudi Arabia by outcome, 2012-2015

Year	2012	2013	2014	2015	Grand Total
Died	3	82	273	104	462
Survived	2	78	391	121	592
CFR(%)	60	51	41	46	43.8

Age pyramid with outcome for cases reported in 2015 and the previous years, 2012-2014 (combined)



Age pyramid with outcome for primary and secondary cases

