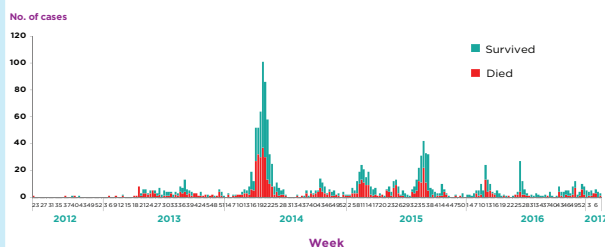


### HIGHLIGHTS

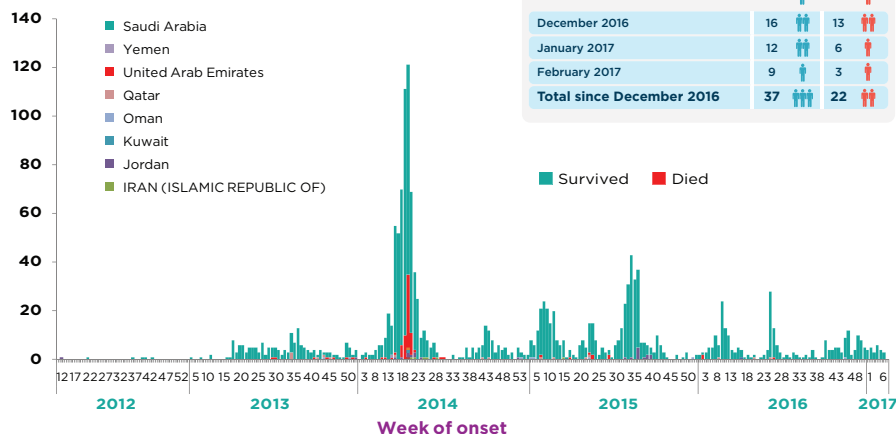
- At the end of February 2017, a total of 1916 laboratory-confirmed cases of Middle East respiratory syndrome coronavirus (MERS-CoV), including 702 deaths (case-fatality rate: 36.6%) were reported globally. Of these, Saudi Arabia reported a total of 1561 laboratory-confirmed cases, including 633 deaths (case-fatality rate: 40.6%).
- During the months of January and February 2017, an increase in the number of primary cases was observed in Saudi Arabia (18 primary cases) compared to the previous 2 months (17 primary cases), as well as during the same period in 2016 (13 primary cases). In January 2017, a total of 18 laboratory-confirmed cases, including 6 deaths (case-fatality rate: 33.3%) were reported, while in February a total of 12 laboratory-confirmed cases, including 3 deaths were reported from Saudi Arabia. No hospital outbreak was reported during the first 2 months of 2017. Despite this increase in primary cases, no significant increase in secondary cases or any difference in demographic or epidemiological characteristics of the cases were observed.
- 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.
- The age group of those aged 50-59 years continues to be the group at highest risk for acquiring infection as primary cases for both males and females. However, the females in the age group of 20-29 and 30-39 are acquiring MERS infection in higher numbers when compared to males in the same age group.

#### MERS cases reported from the Kingdom of Saudi Arabia by week of symptoms onset, June 2012- February 2017



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

No. of cases



### SUMMARY

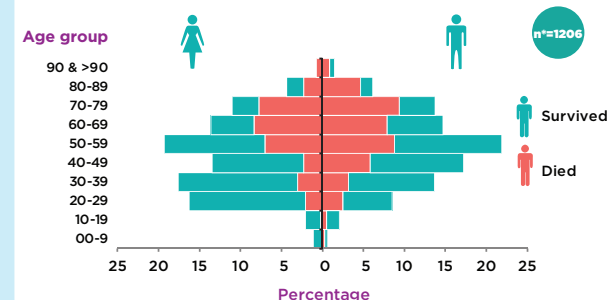
**1,916** Laboratory-confirmed Cases Reported Since April 2012

**702** 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

#### Age and gender distribution of MERS cases reported from Saudi Arabia, June 2012-February 2017



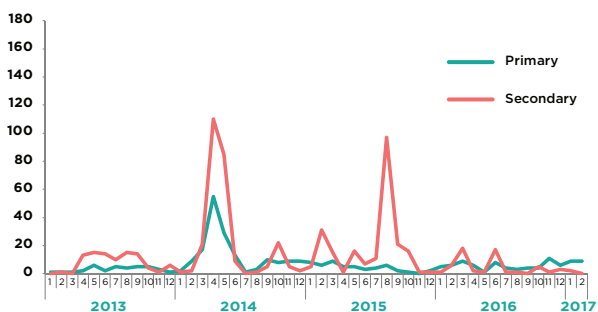
### Epidemiological characteristics of MERS cases reported globally between Jan-Dec 2013 and Jan-Feb 2017

Characteristic	Jan-Dec 2013	Jan-Dec 2014	Jan-Dec 2015	Jan-Dec 2016	Jan-Feb 2017
Number	188	758	672	259	30
Median age in years	51	48	54	55	58
Gender (% male)	65	65	65	73	87
% of primary cases	23	23	9	30	64
% of secondary cases	53	42	40	22	7
(%) unknown contact history	24	32	13	4	7
% HCW	20	26	10	13	3
% Fatal	53	38	33	31	30

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

Type of case	2012	2013	2014	2015	2016	2017	Grand Total
Primary	3	36	165	51	66	18	340
Secondary	2	93	263	222	56	2	638
Unknown source		30	221	79	11		341
Not reported		1	15	102	112	8	238
<b>Total</b>	<b>5</b>	<b>160</b>	<b>664</b>	<b>454</b>	<b>246</b>	<b>28</b>	<b>1557</b>

#### Primary and Secondary cases of MERS reported from Saudi Arabia, January 2013-February 2017



#### Reported cases of MERS in healthcare workers, January 2013-February 2017

