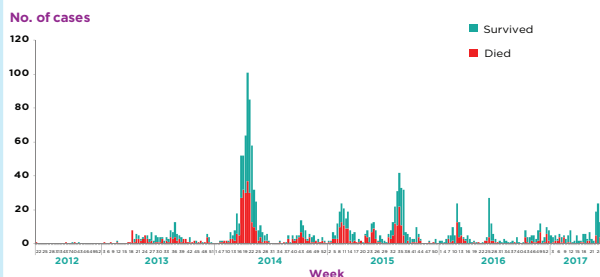


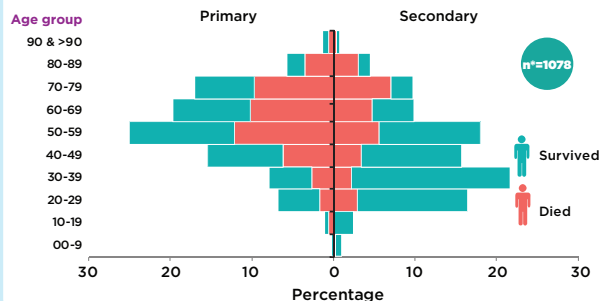
### HIGHLIGHTS

- At the end of June 2017, a total of 2039 laboratory-confirmed cases of Middle East respiratory syndrome coronavirus (MERS-CoV), including 730 deaths (case-fatality rate: 35.8%) were reported globally; the majority of these cases were reported from Saudi Arabia (1671 laboratory-confirmed cases, including 656 deaths with a case-fatality rate of 39.3%).
- During the months of May and June 2017, three simultaneous hospital outbreaks of MERS-CoV were reported from three different hospitals in Riyadh city, Riyadh Region in Saudi Arabia, of which two clusters are related. A total of 48 cases with six related deaths were reported from these three hospital clusters (CFR: 12.5%). The date of reporting of last laboratory-confirmed case from these three hospital clusters was 17 June 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.
- 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- June 2017

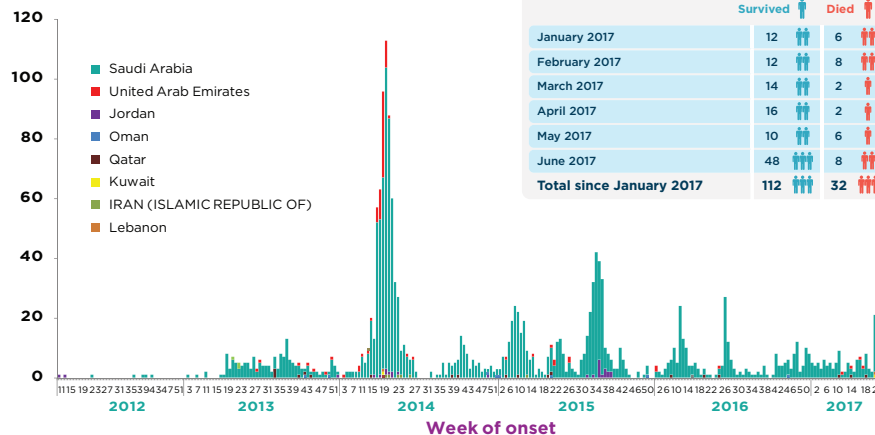


#### Age and fatality distribution of Primary and Secondary cases of MERS reported from Saudi Arabia, 2012-June 2017



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

No. of cases



### SUMMARY

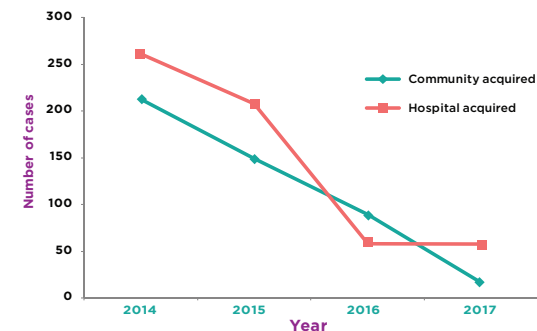
**2039** Laboratory-confirmed Cases Reported Since April 2012

**730** 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-June 2017



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

Characteristic	Jan-Jun 2013	Jan-Jun 2014	Jan-Jun 2015	Jan-Jun 2016	Jan-Jun 2017
Number	69	656	420	160	152
Median age in years	51	47	55	54	50
Gender (% male)	62	63	68	71	72
% of primary cases	25	19	10	26	30
% of secondary cases	68	42	27	28	47
(%) of unknown contact history	7	32	19	7	5
% of HCW	12	28	6	18	24
% of Fatal	59	37	32	31	21

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

Type of case	2012	2013	2014	2015	2016	2017	Grand Total
Primary	3	36	164	52	74	42	371
Secondary	2	93	264	222	56	70	707
Source Unidentified		1	15	102	107	27	252
Unknown		28	219	78	11	5	341
<b>Total</b>	<b>5</b>	<b>158</b>	<b>662</b>	<b>454</b>	<b>248</b>	<b>144</b>	<b>1671</b>

#### Three hospital outbreaks in Riyadh Region, Saudi Arabia, May-June 2017

