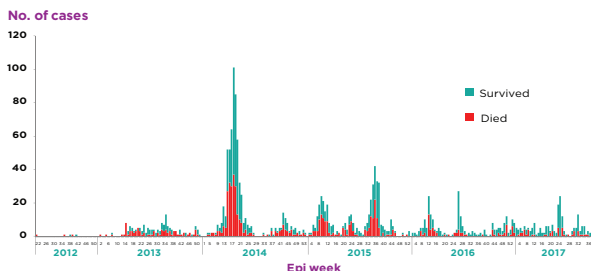


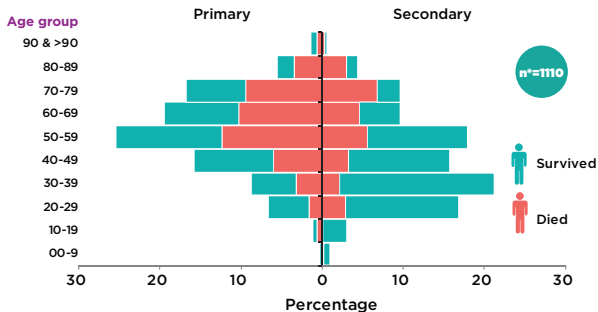
### HIGHLIGHTS

- At the end of September 2017, a total of 2092 laboratory-confirmed cases of Middle East respiratory syndrome coronavirus (MERS-CoV), including 745 associated deaths (case-fatality rate: 35.6%) were reported globally; the majority of these cases were reported from Saudi Arabia (1721 laboratory-confirmed cases, including 671 related deaths with a case-fatality rate of 38.9%).
- During the month of September, 6 laboratory-confirmed cases of MERS were reported in Saudi Arabia including two associated deaths. No health-care associated transmission or hospital outbreak was reported during this month.
- 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- September 2017

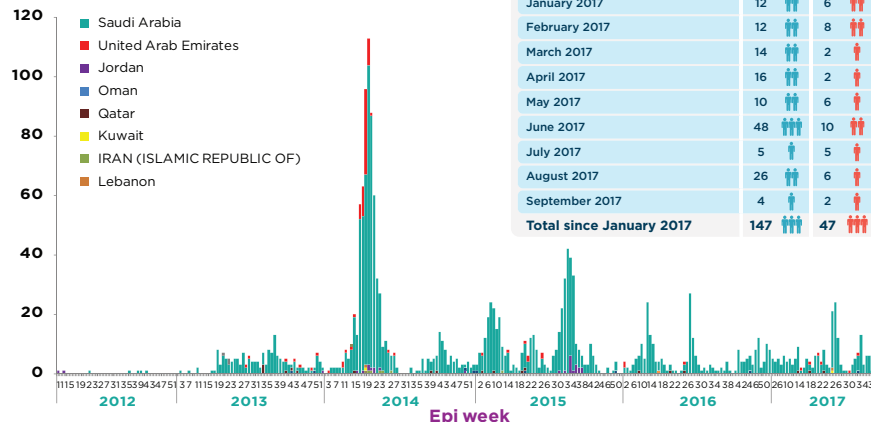


#### Age and fatality distribution of Primary and Secondary cases of MERS reported from Saudi Arabia, 2012-September 2017



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

No. of cases



MERS in Saudi Arabia (January - September 2017)

	Survived	Died
January 2017	12	6
February 2017	12	8
March 2017	14	2
April 2017	16	2
May 2017	10	6
June 2017	48	10
July 2017	5	5
August 2017	26	6
September 2017	4	2
<b>Total since January 2017</b>	<b>147</b>	<b>47</b>

### SUMMARY

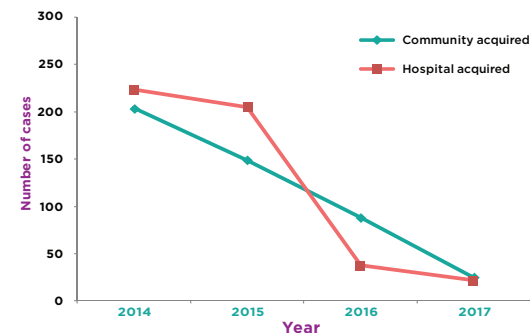
**2092** Laboratory-confirmed Cases Reported Since April 2012

**745** 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 (symptomatic) MERS cases in Eastern Mediterranean Region, Jan 2014-Sep 2017



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

Characteristic	Jan-Sep 2013	Jan-Sep 2014	Jan-Sep 2015	Jan-Sep 2016	Jan-Sep 2017
Number	186	756	677	259	205
Median age in years	51	48	54	55	50
Gender (% male)	66	65	65	73	72
% of primary cases	23	22	9	32	29
% of secondary cases	53	41	39	22	44
(%) of unknown contact history	23	31	13	4	3
% of HCW	20	26	10	13	22
% of Fatal	53	38	33	31	23

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

Type of case	2012	2013	2014	2015	2016	2017	Grand Total
Primary	3	36	164	52	74	55	384
Secondary	2	93	264	222	56	89	726
Source Unidentified		1	15	102	107	45	270
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>194</b>	<b>1721</b>

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

