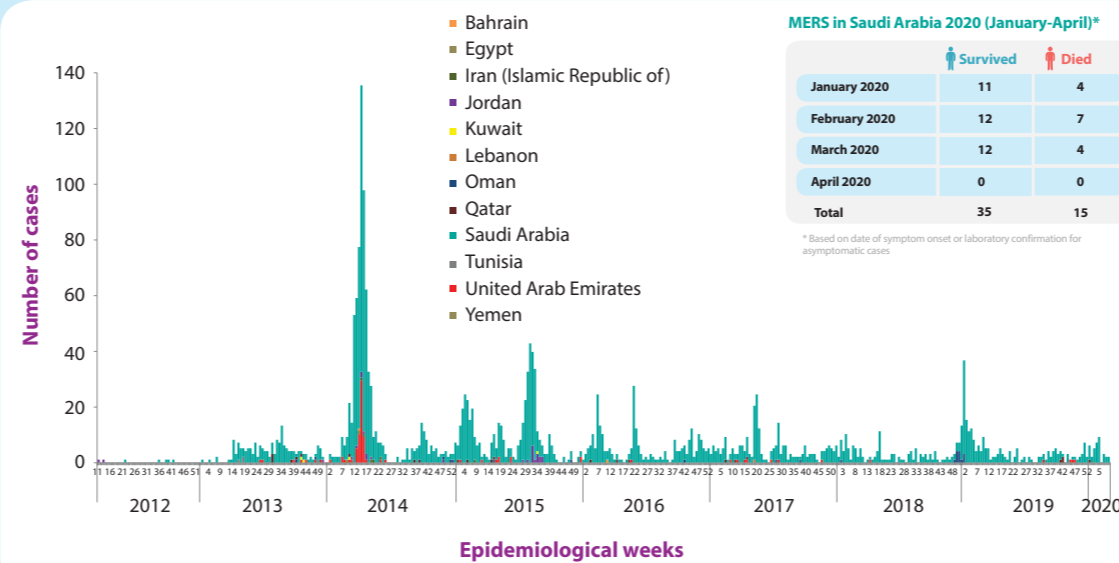


## Highlights

- At the end of April 2020, a total of 2556 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 877 associated deaths (case-fatality rate: 34.31%) were reported globally; the majority of these cases were reported from Saudi Arabia (2157 cases, including 799 related deaths with a case-fatality rate of 37.04%).
- During the month of April, a total of 3 laboratory-confirmed cases of MERS were reported globally. All the 3 cases were reported from Saudi Arabia with one associated death. There were no cluster of cases reported this month. One case had history of contact with camels and/or consumption of their raw milk while the exposure history of the other cases is still under investigation. One case reported this month was female and two cases reported were 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 2015 to 2020, 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.

## Distribution of MERS reported cases from EMR by week of onset, 2012-2020



## Summary

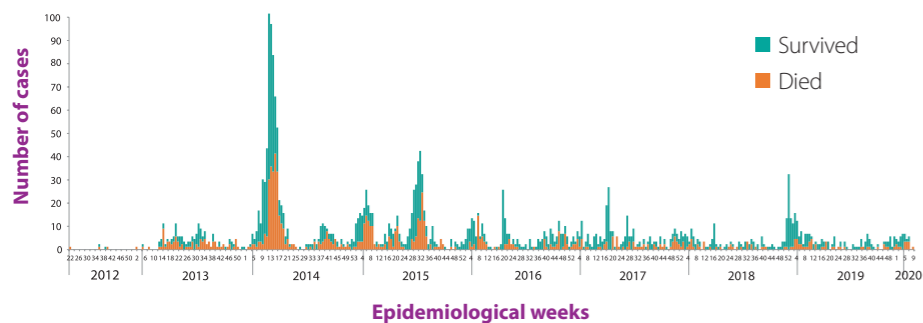
**2556** Laboratory-confirmed cases reported since April 2012

**877** deaths reported since April 2012

**27** countries reported cases globally

**12** countries reported cases since April 2012 in the Eastern Mediterranean Region

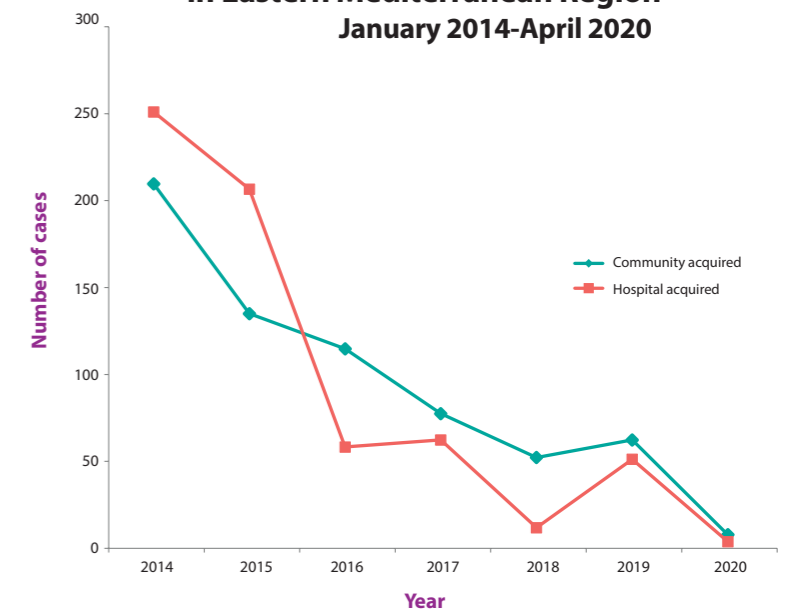
## MERS cases reported from the Kingdom of Saudi Arabia by week of symptoms onset June 2012–April 2020



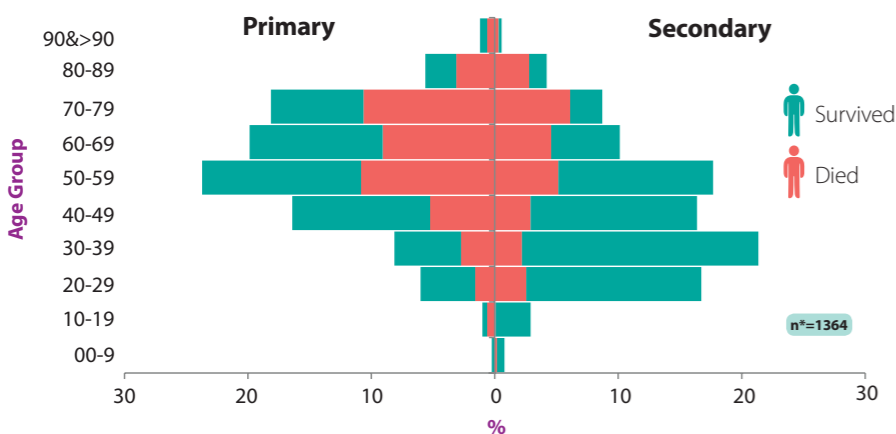
## Characteristics of MERS cases reported from Kingdom of Saudi Arabia June 2012–April 2020

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	2020	Grand Total
Missing		1	15	102	103	68	52	56	5	402
Primary	3	36	164	52	75	70	54	57	8	519
Secondary	2	93	264	222	60	90	35	75	4	845
Unknown		28	219	78	11	5	1	16	33	391
<b>Grand Total</b>	<b>5</b>	<b>158</b>	<b>662</b>	<b>454</b>	<b>249</b>	<b>233</b>	<b>142</b>	<b>204</b>	<b>50</b>	<b>2157</b>

## Community versus hospital acquired MERS cases in Eastern Mediterranean Region January 2014–April 2020



## Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia June 2012–April 2020



## Epidemiological characteristics of MERS cases reported globally between November–April 2015 and November–April 2020

Characteristic	Nov 14 - Apr 15	Nov 15 - Apr 16	Nov 16 - Apr 17	Nov 17 - Apr 18	Nov 18 - Apr 19	Nov 19 - Apr 20
Number	199	112	132	100	160	64
Median age in years	55	55	56	56	51	56
Gender (% male)	77	81	78	75	77	81
% of Primary Cases	26	29	41	31	27	20
% of Secondary cases	31	29	17	15	52	6
(%) of Unknown Contact History	41	4	5	0	0	60
% of HCW	11	10	6	4	13	5
% Fatal	48	34	30	38	21	31

## Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013–April 2020

