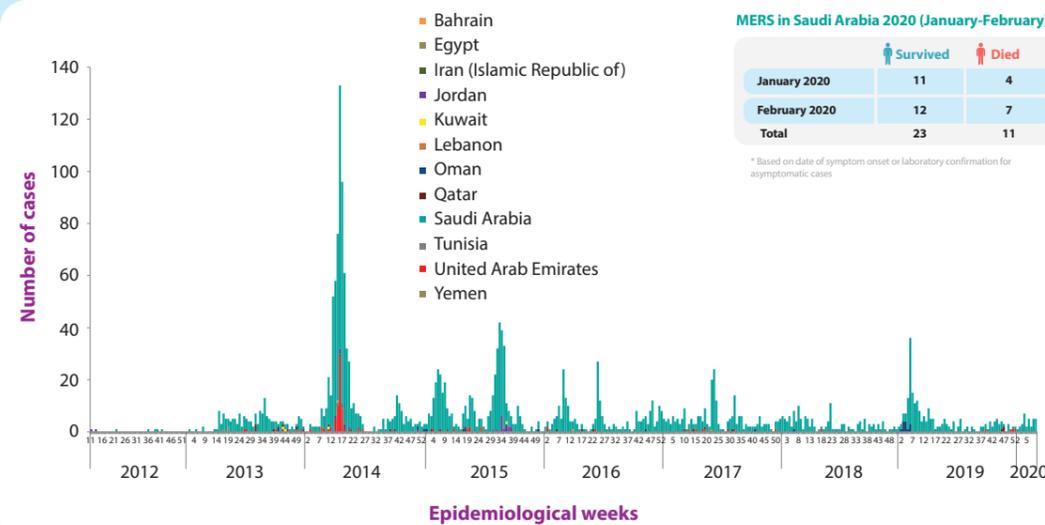


## Highlights

- At the end of February 2020, a total of 2 538 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 871 associated deaths (case-fatality rate: 34.32%) were reported globally; the majority of these cases were reported from Saudi Arabia (2 139 cases, including 793 related deaths with a case-fatality rate of 37.25%).
- During the month of February, a total of 19 laboratory-confirmed cases of MERS were reported globally. 1 case was reported from Qatar. 18 cases were reported from Saudi Arabia with 5 associated deaths. There were no clusters of cases reported this month. Five cases 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. Only two cases reported this month were 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

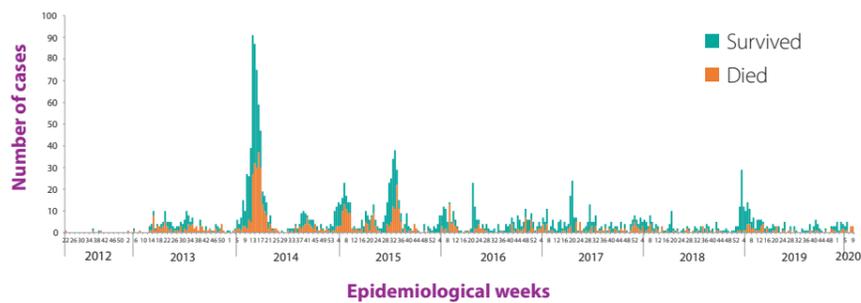
**2538** Laboratory-confirmed cases reported since April 2012

**871** deaths reported since April 2012

**27** countries reported cases globally

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

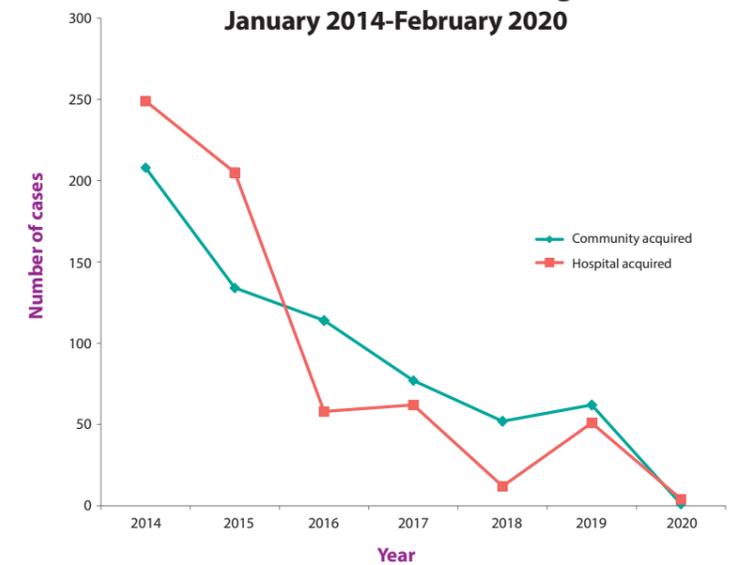
## MERS cases reported from the Kingdom of Saudi Arabia by week of symptoms onset June 2012–February 2020



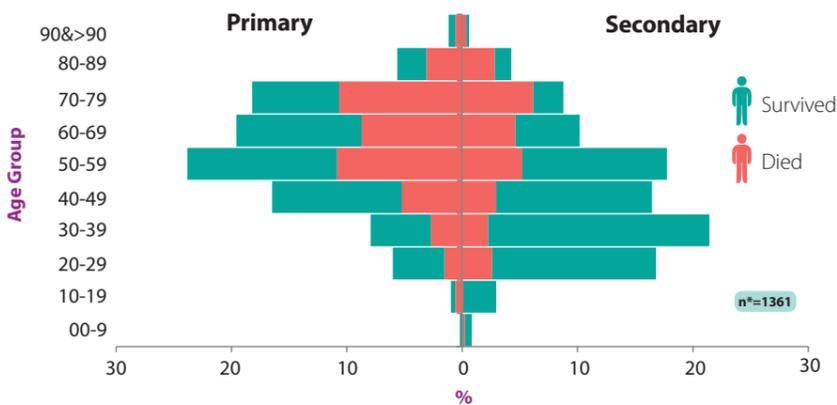
## Characteristics of MERS cases reported from Kingdom of Saudi Arabia June 2012–February 2020

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	2020	Grand Total
Missing		1	15	102	103	68	52	56	3	400
Primary	3	36	164	52	75	70	54	57	5	516
Secondary	2	93	264	222	60	90	35	75	4	845
Unknown		28	219	78	11	5	1	16	20	378
<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>32</b>	<b>2 139</b>

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



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



## Epidemiological characteristics of MERS cases reported globally between September–February 2015 and September–February 2020

Characteristic	Sep 14–Feb 15	Sep 15–Feb 16	Sep 16–Feb 17	Sep 17–Feb 18	Sep 18–Feb 19	Sep 19–Feb 20
Number	207	123	120	96	131	74
Median age in years	55	49	57	56	51	57
Gender (% male)	75	67	77	76	79	81
% of Primary Cases	27	26	78	77	39	31
% of Secondary cases	35	67	19	23	61	13
(%) of Unknown Contact History	37	7	3	0	1	56
% of HCW	13	22	4	4	10	7
% Fatal	49	23	36	41	19	28

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

