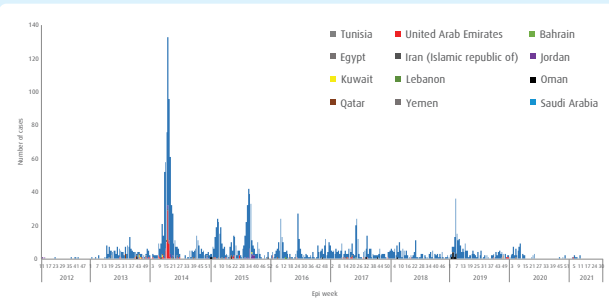


# MERS SITUATION UPDATE | JULY 2021

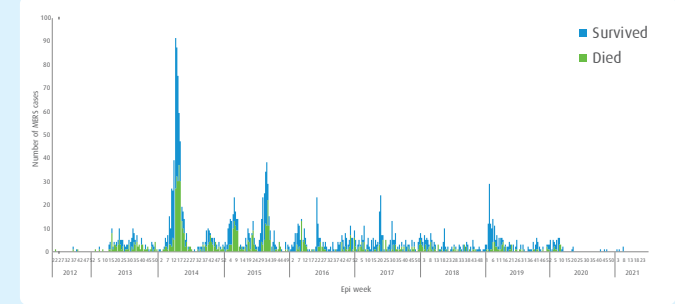
## Highlights

- At the end of July 2021, a total of 2574 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 886 associated deaths were reported globally, with a case-fatality ratio (CFR) of 34.4%. The majority of these cases were reported from Saudi Arabia (2174 cases) including 808 related deaths (CFR 37.2%).
- During the month of July 2021, no laboratory-confirmed cases of MERS were reported to WHO.
- The demographic and epidemiological characteristics of reported cases, when compared to the same corresponding periods from 2016 to 2021, do not show any significant difference or change.
- The age group of 50–59 year olds continues to be at the highest risk for acquiring infection as primary cases. The age group of 30–39 year olds is most at risk for becoming secondary cases. The number of deaths is higher in the age group of 50–59 year olds when they are primary cases, and among 70–79 year olds when they are secondary cases.

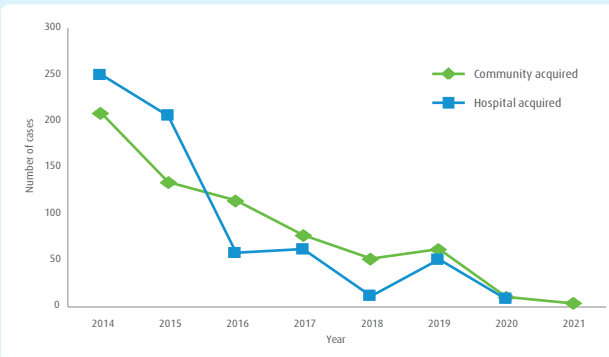
## Distribution of MERS reported cases from Eastern Mediterranean Region by week of onset, June 2012 – July 2021



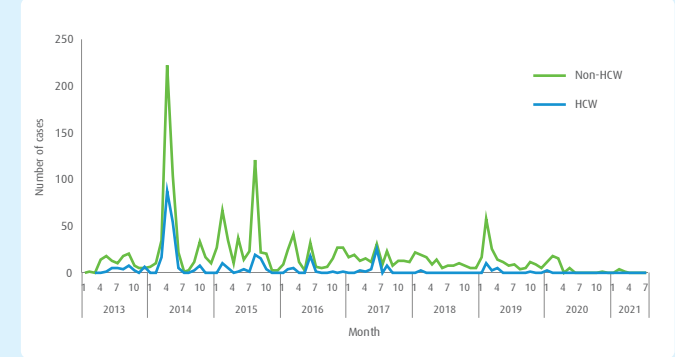
## MERS cases per week of onset in Saudi Arabia, June 2012 – July 2021



## Community versus hospital acquired MERS cases in Eastern Mediterranean Region, January 2014 – July 2021



## Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013 – July 2021



## SUMMARY

**2574**  
Laboratory-confirmed cases reported since April 2012

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

**886**  
Deaths reported since April 2012

**27**  
Countries reported cases globally

## Epidemiological characteristics of MERS cases reported globally between February - July 2016 and February - July 2021

Characteristic	Feb - Jul 16	Feb - Jul 17	Feb - Jul 18	Feb - Jul 19	Feb - Jul 20	Feb - Jul 21
Number	159	146	81	153	42	4
Median age in years	53	50	55	51	59	69
Gender (% male)	70	74	83	78	88	75
% of Primary Cases	44	36	56	37	18	100
% of Secondary cases	48	59	44	63	13	0
(%) of Unknown Contact History	9	4	0	0	69	0
% of HCW	19	25	5	15	2	0
% Fatal	31	23	27	24	36	25

## Characteristics of MERS cases reported from Saudi Arabia, June 2012 - July 2021

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Grand Total
Missing		1	15	102	103	68	52	56	7	2	406
Primary	3	36	164	52	75	70	54	57	11	3	525
Secondary	2	93	264	222	60	90	35	75	9		850
Unknown		28	219	78	11	5	1	16	33	2	393
<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>60</b>	<b>7</b>	<b>2174</b>

## Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia June 2012 – July 2021

