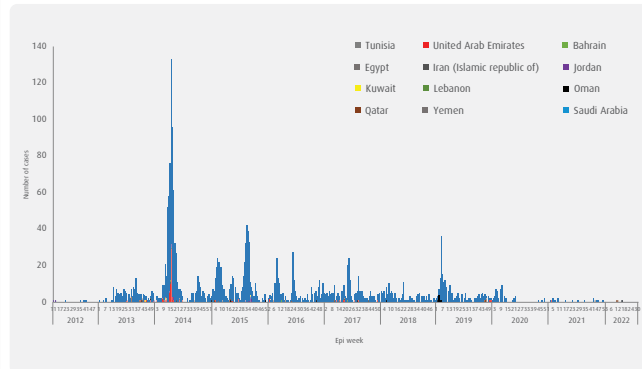


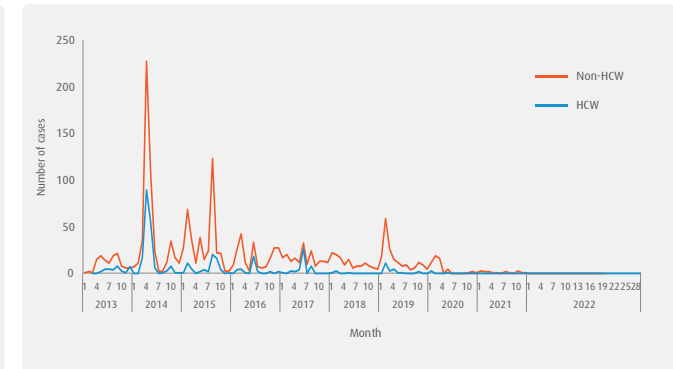
## Highlights

- From April 2012 till July 2022, a total of 2591 laboratory-confirmed cases of Middle East respiratory syndrome (MERS) were reported globally, with 894 associated deaths at a case-fatality ratio (CFR) of 34.5%. The majority of these cases were reported from Saudi Arabia, with 2184 cases and 813 related deaths (CFR: 37.2%).
- During the month of July 2022, no new cases were reported.
- The demographic and epidemiological characteristics of reported cases do not show any significant differences when compared with the same corresponding period between 2016 and 2022.
- Among primary cases, 50–59 year-olds are at the highest risk for acquiring infection and among secondary cases, the 30–39 year-olds are at the highest risk. Among primary cases, CFR is higher within the age group of 50–59 year-olds and among secondary cases, it is higher among the age group of 70–79 year-olds.

**Fig. 1. Distribution of MERS reported cases from Eastern Mediterranean Region by week of onset, June 2012 – July 2022**



**Fig. 4. Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013 – July 2022**



## SUMMARY

**2591**  
Laboratory-confirmed cases reported since April 2012

**894**  
Deaths reported since April 2012

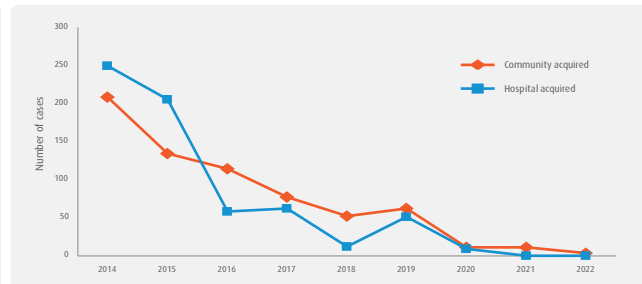
**12**  
Countries reported cases since April 2012 in the Eastern Mediterranean Region

**27**  
Countries reported cases globally

**Table 1. Number of MERS cases in the Eastern Mediterranean Region by month and outcome in 2022**

2022	Survived	Died
January	0	0
February	0	0
March	1	0
April	2	1
May	0	0
June	0	0
July	0	0
<b>Total</b>	<b>3</b>	<b>1</b>

**Fig. 2. Community versus hospital acquired MERS cases in Eastern Mediterranean Region, January 2014 – July 2022**



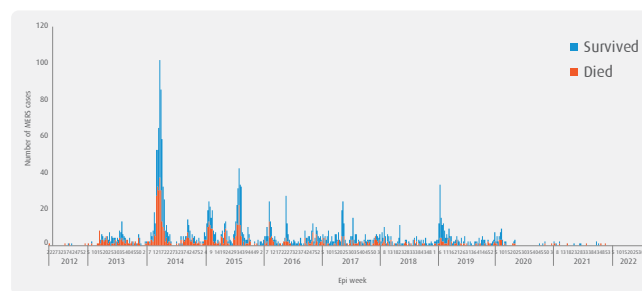
**Table 3. Characteristics of MERS cases reported from Saudi Arabia, June 2012 - July 2022**

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Grand Total
Missing		1	15	102	103	68	52	56	7	4	0	408
Primary	3	36	164	52	75	70	54	57	11	11	0	533
Secondary	2	93	264	222	60	90	35	75	9	0	0	850
Unknown		28	219	78	11	5	1	16	33	2	0	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>17</b>	<b>0</b>	<b>2184</b>

**Table 2. Epidemiological characteristics of MERS cases reported globally between February 2017 – July 2017 and February 2022 – July 2022**

Characteristic	Feb 17 - July 17	Feb 18 - July 18	Feb 19 - July 19	Feb 20 - July 20	Feb 21 - July 21	Feb 22 - July 22
Number	266	255	149	213	50	18
Median age in years	56	52	55	51	56	59
Gender (% male)	73	73	83	77	90	94
% of Primary Cases	55	43	53	37	26	100
% of Secondary cases	39	54	46	49	11	0
(%) of Unknown Contact History	7	3	1	14	63	0
% of HCW	13	18	3	13	2	0
% Fatal	32	28	26	25	40	39

**Fig. 3. MERS cases per week of onset in Saudi Arabia, June 2012 – July 2022**



**Fig. 5. Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia June 2012 – July 2022**

