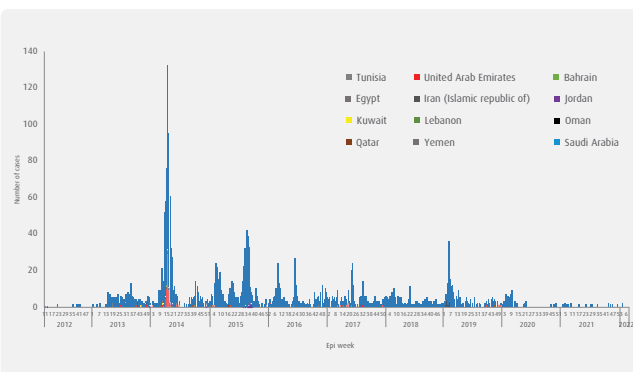


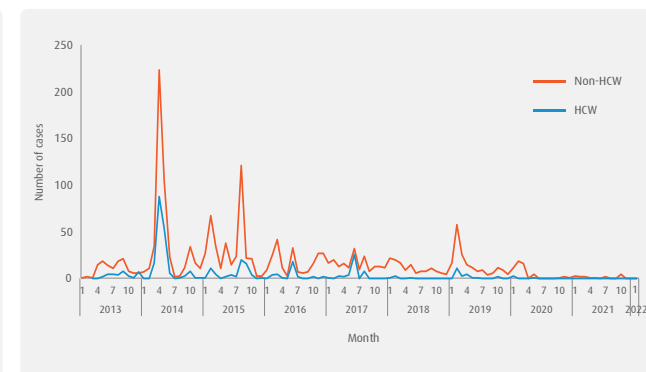
## Highlights

- At the end of March 2022, a total of 2589 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 893 associated deaths (case-fatality ratio of 34.5%) were reported globally. The majority of these cases were reported from Saudi Arabia (2184 cases, including 813 related deaths) with a case-fatality ratio of 37.2%.
- During the month of March 2022, one new case was reported.
- The demographic and epidemiological characteristics of reported cases, when compared to the same corresponding periods between 2016 and 2022, do not show any significant difference or change.
- The age group 50–59 years continues to be at the highest risk for acquiring infection as primary cases. The age group 30–39 years is most at risk as secondary cases. The number of deaths is higher in the age group 50–59 years as primary cases and 70–79 years as secondary cases.

**Fig. 2.** Distribution of MERS reported cases from Eastern Mediterranean Region by week of onset, June 2012 – March 2022



**Fig. 5.** Cases of MERS in health care workers reported from Saudi Arabia, January 2013 – March 2022



## SUMMARY

**2589**  
Laboratory-confirmed cases reported since April 2012

**893**  
Deaths reported since April 2012

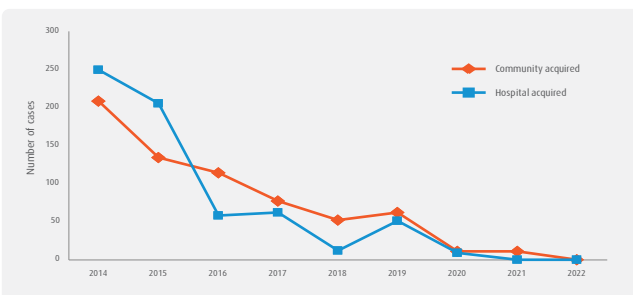
**12**  
Countries reported cases since April 2012 in the Eastern Mediterranean Region

**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
<b>Total</b>	<b>1</b>	<b>0</b>

**Fig. 3.** Community versus hospital-acquired MERS cases in the Eastern Mediterranean Region, January 2014 – March 2022



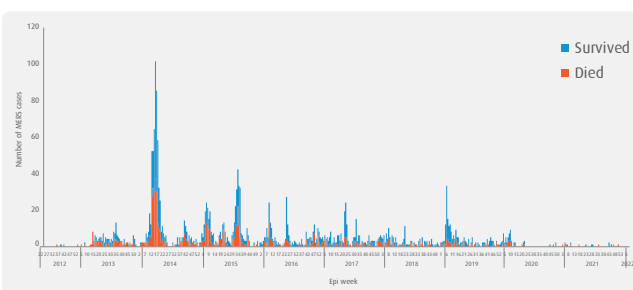
**Table 2.** Characteristics of MERS cases reported from Saudi Arabia, June 2012 - March 2022

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>

**Fig. 1.** Epidemiological characteristics of MERS cases reported globally between October 2016 – March 2017 and October 2021 – March 2022

Characteristic	Oct 16 - Mar 17	Oct 17 - Mar 18	Oct 18 - Mar 19	Oct 19 - Mar 20	Oct 20 - Mar 21	Oct 21 - Mar 22
Number	130	105	149	85	12	8
Median age in years	57	57	50	57	55	54
Gender (% male)	76	76	77	80	92	100
% of Primary Cases	66	72	40	26	78	100
% of Secondary cases	28	28	60	11	0	0
(%) of Unknown Contact History	7	0	0	63	22	0
% of HCW	6	4	11	6	0	0
% Fatal	33	35	19	29	50	25

**Fig. 4.** MERS cases per week of onset in Saudi Arabia, June 2012 – March 2022



**Fig. 6.** Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia June 2012 – March 2022

