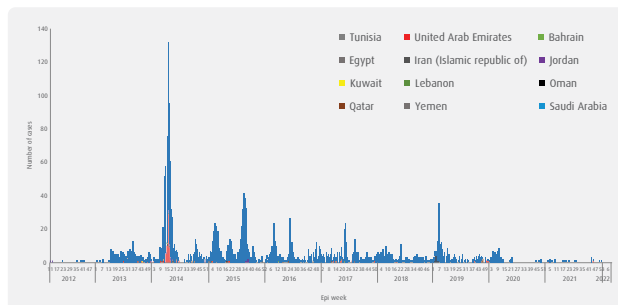


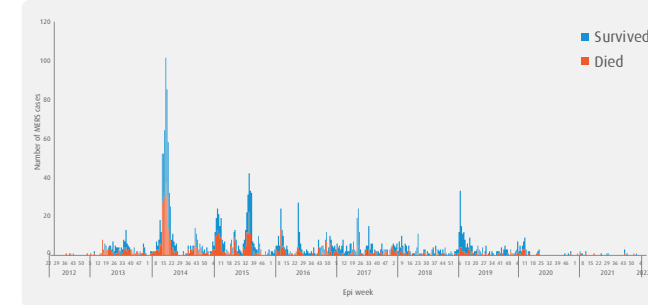
Highlights

- At the end of February 2022, a total of 2585 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 890 associated deaths (case-fatality ratio of 34.4%) were reported globally. The majority of these cases were reported from Saudi Arabia (2184 cases) including 812 related deaths (CFR 37.2%).
- No new cases were reported during the month of February 2022.
- The demographic and epidemiological characteristics of reported cases, when compared to the same corresponding period 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.

Distribution of MERS reported cases from Eastern Mediterranean Region by week of onset, June 2012 – February 2022



MERS cases per week of onset in Saudi Arabia, June 2012 – February 2022



SUMMARY

2585
Laboratory-confirmed cases reported since April 2012

890
Deaths reported since April 2012

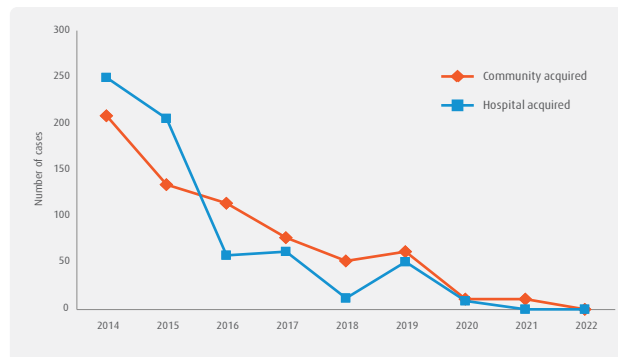
12
Countries reported cases since April 2012 in the Eastern Mediterranean Region

27
Countries reported cases globally

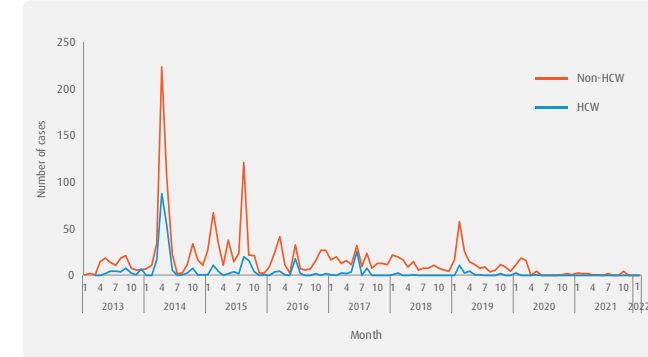
Number of MERS cases in the Eastern Mediterranean Region by month and outcome in 2022

2022	Survived	Died
January	0	0
February	0	0
Total	0	0

Community versus hospital acquired MERS cases in Eastern Mediterranean Region, January 2014 – February 2022



Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013 – February 2022



Epidemiological characteristics of MERS cases reported globally between September 2016 – February 2017 and September 2021 – February 2022

Characteristic	Sep 16 - Feb 17	Sep 17 - Feb 18	Sep 18 - Feb 19	Sep 19 - Feb 20	Sep 20 - Feb 21	Sep 21 - Feb 22
Number	120	96	131	76	10	7
Median age in years	58	59	50	58	52	58
Gender (% male)	77	76	79	82	100	100
% of Primary Cases	78	77	39	32	78	100
% of Secondary cases	19	23	61	12	0	0
(%) of Unknown Contact History	3	0	1	56	22	0
% of HCW	4	4	11	7	0	0
% Fatal	36	41	19	30	50	29

Characteristics of MERS cases reported from Saudi Arabia, June 2012 - February 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
Grand Total	5	158	662	454	249	233	142	204	60	17	0	2184

Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia June 2012 – February 2022

