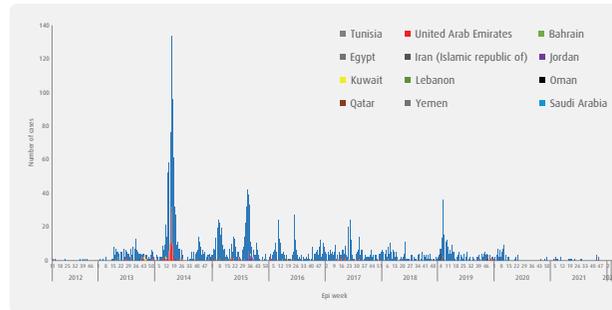


MERS SITUATION UPDATE | JANUARY 2022

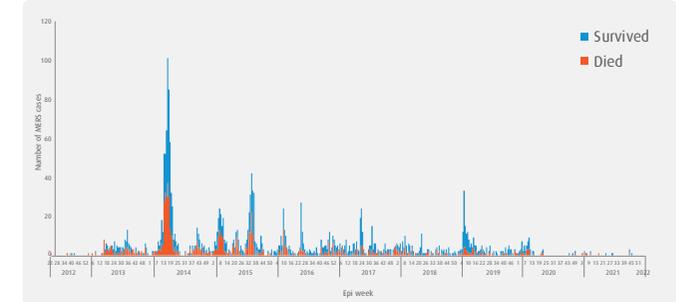
Highlights

- At the end of January 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 January 2022.
- 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.

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



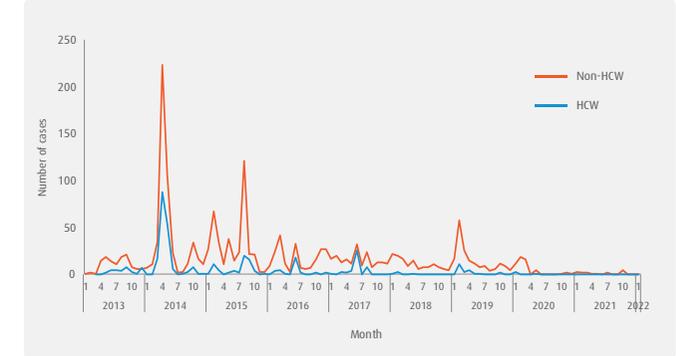
MERS cases per week of onset in Saudi Arabia, June 2012 – January 2022



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



Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013 – January 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
Total	0	0

Epidemiological characteristics of MERS cases reported globally between August 2016 – January 2017 and August 2021 – January 2022

Characteristic	Aug 16 - Jan 17	Aug 17 - Jan 18	Aug 18 - Jan 19	Aug 19 - Jan 20	Aug 20 - Jan 21	Aug 21 - Jan 22
Number	107	106	68	60	8	7
Median age in years	57	53	55	58	50	58
Gender (% male)	77	71	82	77	100	100
% of Primary Cases	75	58	51	37	71	100
% of Secondary cases	21	42	47	18	0	0
(%) of Unknown Contact History	4	0	2	45	29	0
% of HCW	5	8	0	8	0	0
% Fatal	33	35	25	27	50	29

Characteristics of MERS cases reported from Saudi Arabia, June 2012 - January 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 – January 2022

