

GLOBAL AND REGIONAL CASES

HIGHLIGHTS

- From April 2012 to date, a total of 2613 laboratory-confirmed cases of Middle East respiratory syndrome (MERS) were reported globally, with 943 associated deaths at a case-fatality ratio (CFR) of 36%. The majority of these cases were reported from Saudi Arabia, with 2204 cases and 862 related deaths (CFR: 39%).
- During the month of May 2024, 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 2024.
- 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 both primary and secondary cases, CFR is higher within the age group of 70–79 years-old.

*Disclaimer: Data are subject to change over time due to lag in reporting.

SUMMARY

0
Newly reported cases

2613
Laboratory-confirmed cases reported since April 2012

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

943
Deaths reported since April 2012

27
Countries reported cases globally

Table 1. Number of MERS cases in the Eastern Mediterranean Region by month and outcome in 2024

2024	Survived	Died
January	0	1
February	0	0
March	0	1
April	0	2
May	0	0
Total	0	4

Table 2. Epidemiological characteristics of MERS cases reported globally between December 2018 – May 2019 and December 2023 – May 2024

Characteristic	Dec 18 - May 19	Dec 19 - May 20	Dec 20 - May 21	Dec 21 - May 22	Dec 22 - May 23	Dec 23 - May 24
Number	160	76	12	5	3	4
Median age in years	51	56	52	49	83	58
Gender (% male)	76	82	75	80	100	100
% of Primary Cases	52	74	83	100	67	25
% of Secondary cases	48	26	17	0	0	50
(%) of Unknown Contact History	0	0	0	0	33	25
% of HCW	14	11	18	0	0	0
% Fatal	28	33	42	40	33	100

Fig. 1. Distribution of MERS reported cases from Eastern Mediterranean Region by week of onset, June 2012 – May 2024

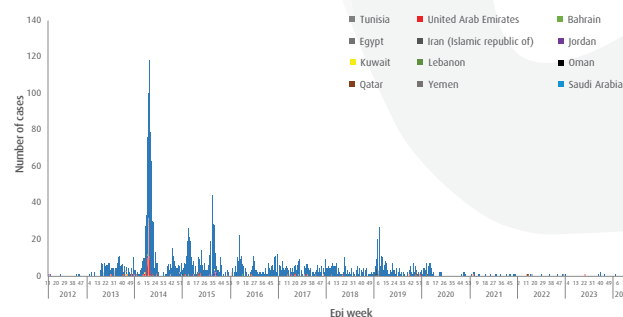
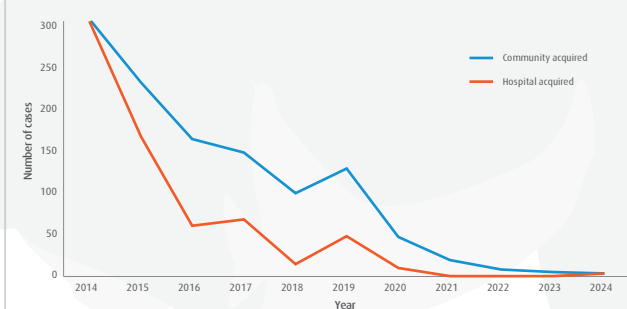


Fig. 2. Community versus hospital acquired MERS cases in Eastern Mediterranean Region, January 2014 – May 2024



KSA CASES

Fig. 3. MERS cases per week of onset in Saudi Arabia, June 2012 – May 2024

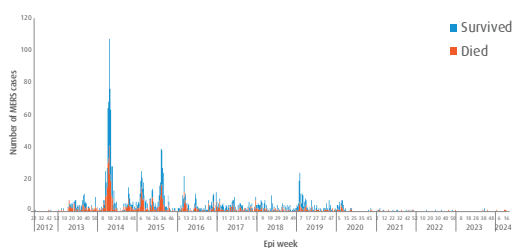


Fig. 4. Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013 – May 2024

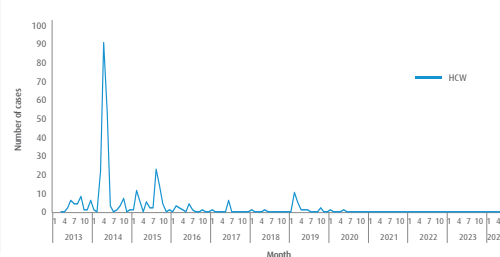


Fig. 5. Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia, June 2012 – May 2024

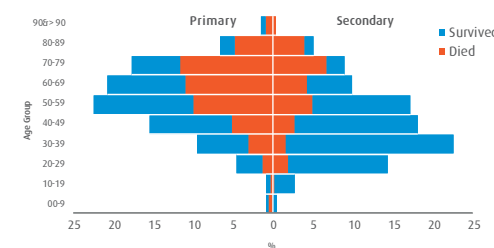


Table 3. Characteristics of MERS cases reported from Saudi Arabia, June 2012 – May 2024

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Grand Total
Primary	4	71	292	234	163	148	102	128	49	18	5	5	1	1220
Secondary	1	91	371	219	85	88	39	77	10	0	0	0	2	983
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Grand Total	5	162	663	453	248	236	141	205	59	18	5	5	4	2204