

GLOBAL AND REGIONAL CASES

HIGHLIGHTS

- From April 2012 to date, 2613 laboratory-confirmed cases of Middle East respiratory syndrome (MERS) were reported globally, with 941 associated deaths at a case-fatality ratio (CFR) of 36%. The majority of these cases were reported from Saudi Arabia, with 2204 cases and 860 related deaths (CFR: 39%).
- During the month of April 2024, three 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



2613
Laboratory-confirmed cases reported since April 2012



941
Deaths reported since April 2012



3
Newly reported cases



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 2024

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

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

Characteristic	Nov 18 - Apr 19	Nov 19 - Apr 20	Nov 20 - Apr 21	Nov 21 - Apr 22	Nov 22 - Apr 23	Nov 23 - Apr 24
Number	150	82	14	8	4	4
Median age in years	51	54	51	55	72	58
Gender (% male)	77	79	79	88	100	100
% of Primary Cases	49	79	86	100	75	25
% of Secondary cases	51	21	14	0	0	50
(%) of Unknown Contact History	0	0	0	0	25	25
% of HCW	14	9	15	0	0	0
% Fatal	26	27	50	38	50	50

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

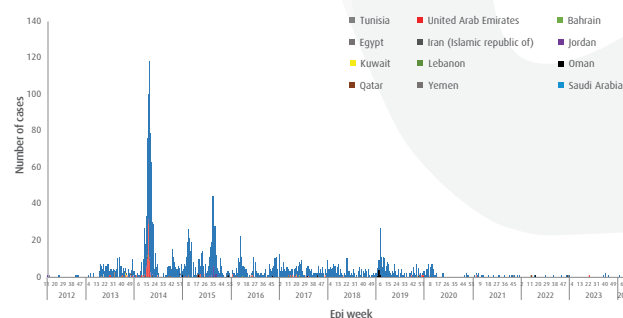
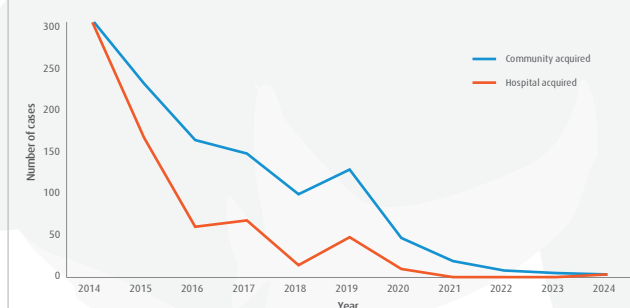


Fig. 2. Community versus hospital acquired MERS cases in Eastern Mediterranean Region, January 2014 – April 2024



KSA CASES

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

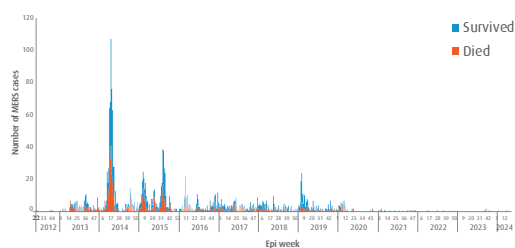


Fig. 4. Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013 – April 2024

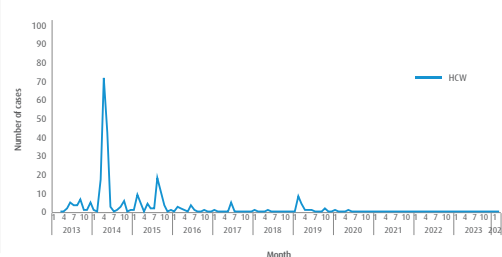


Fig. 5. Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia, June 2012 – April 2024

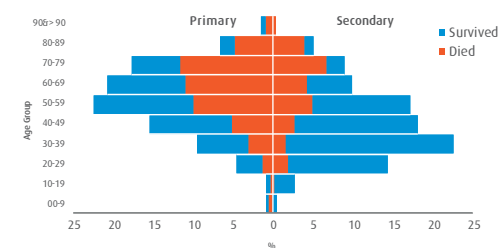


Table 3. Characteristics of MERS cases reported from Saudi Arabia, June 2012 – April 2024

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