

GLOBAL AND REGIONAL CASES

HIGHLIGHTS

- From April 2012 to date, 2609 laboratory-confirmed cases of Middle East respiratory syndrome (MERS) were reported globally, with 938 associated deaths at a case-fatality ratio (CFR) of 36%. The majority of these cases were reported from Saudi Arabia, with 2200 cases and 857 related deaths (CFR: 39%).
- During the month of November 2023, one case from September was retrospectively 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 2023.
- 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



2609
Laboratory-confirmed cases reported since April 2012



938
Deaths reported since April 2012



1
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 2023

2023	Survived	Died
January	0	1
February	0	0
March	0	0
April	0	0
May	0	0
June	1	0
July	0	0
August	0	0
September	2	1
October	1	0
November	0	0
Total	4	2

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

Characteristic	June 18 - Nov 18	June 19 - Nov 19	June 20 - Nov 20	June 21 - Nov 21	June 22 - Nov 22	June 23 - Nov 23
Number	210	129	16	14	6	5
Median age in years	53	56	52	59	64	66
Gender (% male)	79	82	81	93	100	60
% of Primary Cases	57	80	88	100	83	20
% of Secondary cases	43	20	12	0	0	0
(%) of Unknown Contact History	0	0	0	0	17	80
% of HCW	10	9	13	0	0	0
% Fatal	30	31	44	36	33	20

Fig. 1. Distribution of MERS reported cases from Eastern Mediterranean Region by week of onset, June 2012 – November 2023

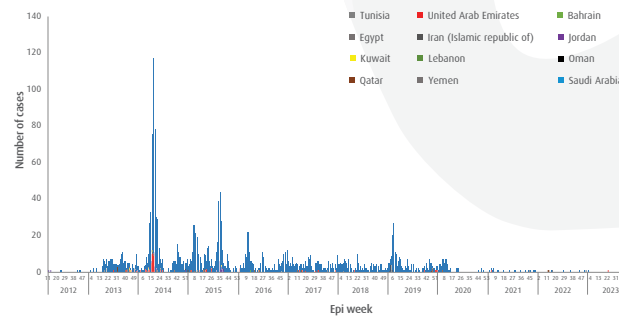
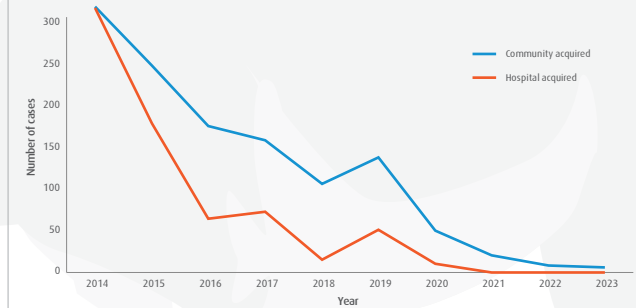


Fig. 2. Community versus hospital acquired MERS cases in Eastern Mediterranean Region, January 2014 – November 2023



KSA CASES

Fig. 3. MERS cases per week of onset in Saudi Arabia, June 2012 – November 2023

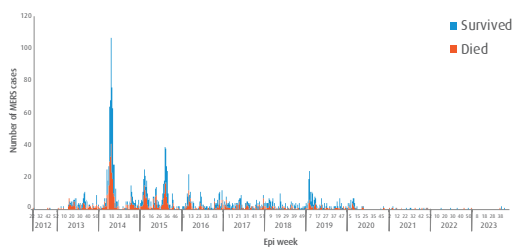


Fig. 4. Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013 – November 2023

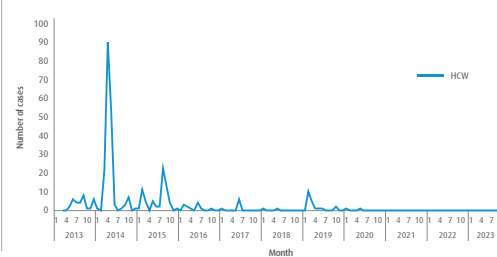


Fig. 5. Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia June 2012 – November 2023

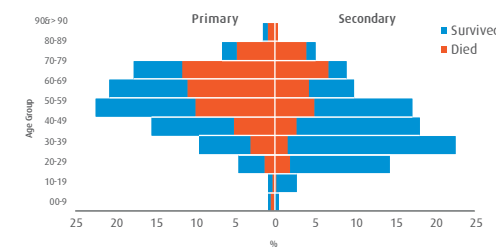


Table 3. Characteristics of MERS cases reported from Saudi Arabia, June 2012 – November 2023

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Grand Total
Primary	4	71	292	234	163	148	102	128	49	18	5	2	1216
Secondary	1	91	371	219	85	88	39	77	10	0	0	0	981
Unknown	0	0	0	0	0	0	0	0	0	0	0	3	3
Grand Total	5	162	663	453	248	236	141	205	59	18	5	4	2200