

GLOBAL AND REGIONAL CASES

HIGHLIGHTS

- From April 2012 till January 2023, a total of 2603 laboratory-confirmed cases of MiddleEast respiratory syndrome (MERS) were reported globally, with 935 associated deaths at a case-fatality ratio (CFR) of 36%. The majority of these cases were reported from Saudi Arabia, with 2195 cases and 854 related deaths (CFR: 39%).
- During the month of January 2023, 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 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 year-olds.

SUMMARY



2603
Laboratory-confirmed cases reported since April 2012



0
New cases



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



935
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 2023

2023	Survived	Died
January	0	0
Total	0	0

Table 2. Epidemiological characteristics of MERS cases reported globally between August 2017 – January 2017 and August 2022 – January 2023

Characteristic	Aug 17 - Jan 18	Aug 18 - Jan 19	Aug 19 - Jan 20	Aug 20 - Jan 21	Aug 21 - Jan 22	Aug 22 - Jan 23
Number	149	78	73	10	8	4
Median age in years	48	53	53	47	59	57
Gender (% male)	66	81	77	80	100	100
% of Primary Cases	57	59	72	80	100	75
% of Secondary cases	43	41	28	20	0	0
(%) of Unknown Contact History	0	0	0	0	0	25
% of HCW	26	4	13	22	0	0
% Fatal	27	26	25	40	50	0

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

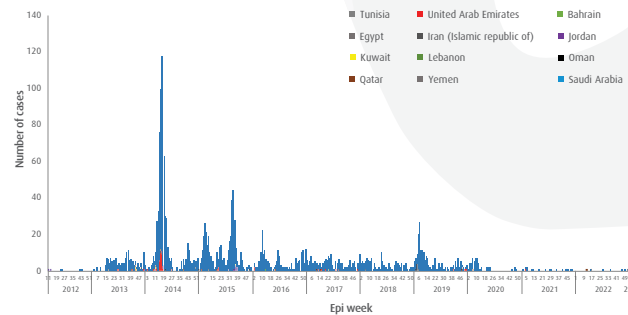
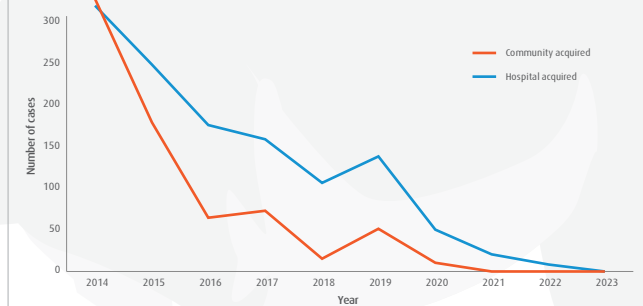


Fig. 2. Community versus hospital acquired MERS cases in Eastern Mediterranean Region, January 2014 – January 2023



KSA CASES

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

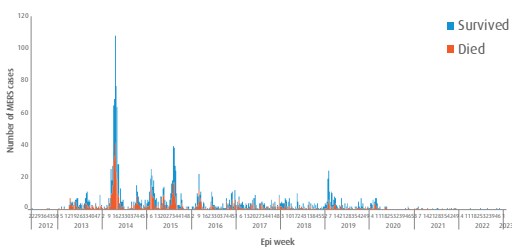


Fig. 4. Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013 – January 2023

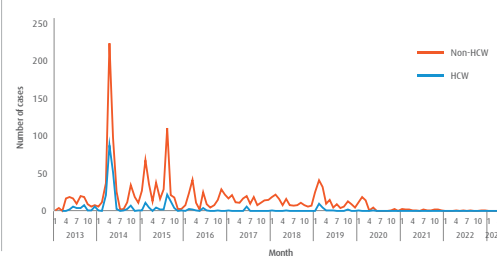


Fig. 5. Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia June 2012 – January 2023

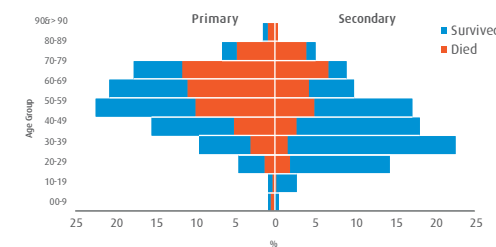


Table 3. Characteristics of MERS cases reported from Saudi Arabia, June 2012 - January 2023

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	0	1214
Secondary	1	91	371	219	85	88	39	77	10	0	0	0	981
Grand Total	5	162	663	453	248	236	141	205	59	18	5	0	2195