

GLOBAL AND REGIONAL CASES

HIGHLIGHTS

- From April 2012 till September 2023, a total of 2605 laboratory-confirmed cases of Middle East respiratory syndrome (MERS) were reported globally, with 937 associated deaths at a case-fatality ratio (CFR) of 36%. The majority of these cases were reported from Saudi Arabia, with 2196 cases and 856 related deaths (CFR: 39%).
- During the month of September 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 years-old.

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

SUMMARY

 **2605**
Laboratory-confirmed cases reported since April 2012

 **0**
New cases

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

 **937**
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	1
February	0	0
March	0	0
April	0	0
May	0	0
June	1	0
July	0	0
August	0	0
September	0	0
Total	1	1

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

Characteristic	Apr 18 - Sep 18	Apr 19 - Sep 19	Apr 20 - Sep 20	Apr 21 - Sep 21	Apr 22 - Sep 22	Apr 23 - Sep 23
Number	188	172	33	14	10	1
Median age in years	53	56	53	59	57	28
Gender (% male)	82	78	85	93	90	100
% of Primary Cases	57	74	79	100	88	0
% of Secondary cases	43	26	21	0	0	0
(%) of Unknown Contact History	0	0	0	0	12	100
% of HCW	8	10	9	0	0	0
% Fatal	27	31	39	43	30	0

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

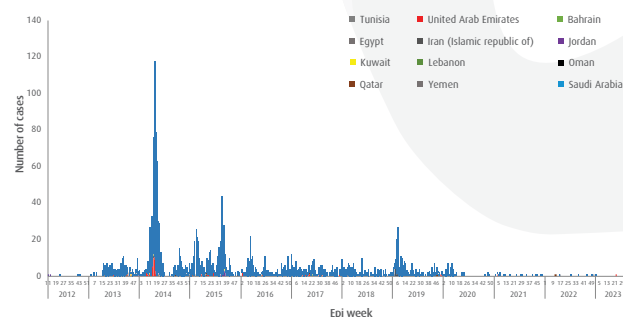
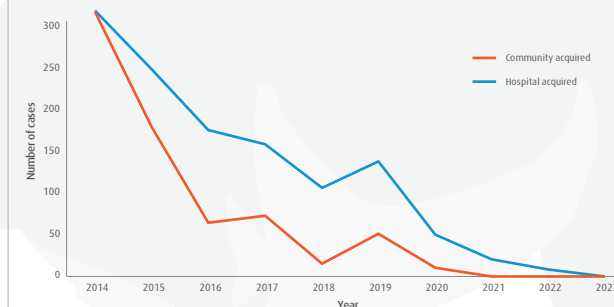


Fig. 2. Community versus hospital acquired MERS cases in Eastern Mediterranean Region, January 2014 – September 2023



KSA CASES

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

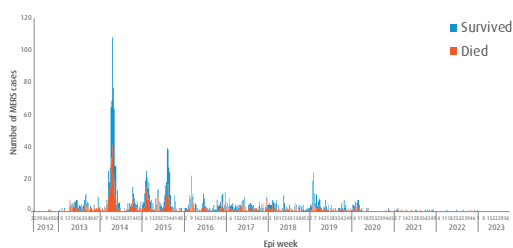


Fig. 4. Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013 – September 2023

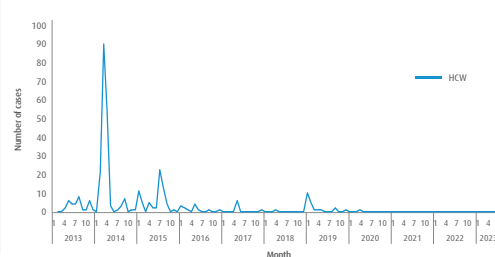


Fig. 5. Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia June 2012 – September 2023

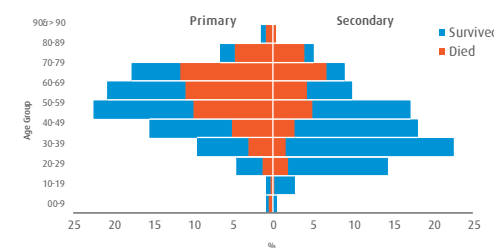


Table 3. Characteristics of MERS cases reported from Saudi Arabia, June 2012 - September 2023

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	1	1215
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	1	2196