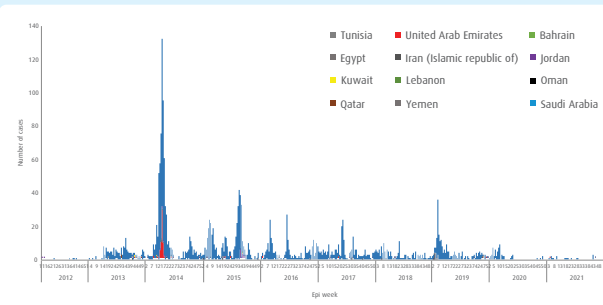


MERS SITUATION UPDATE | DECEMBER 2021

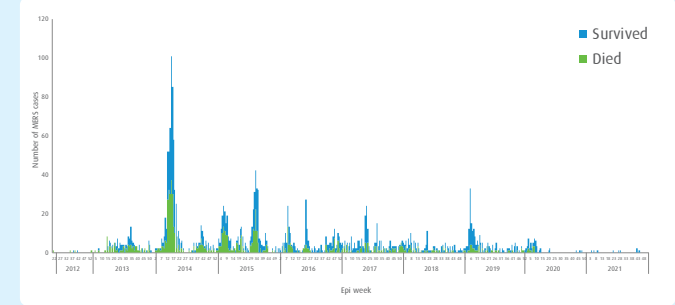
Highlights

- At the end of December 2021, a total of 2583 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 889 associated deaths (case-fatality ratio of 34.4%) were reported globally. The majority of these cases were reported from Saudi Arabia (2182 cases, including 811 related deaths with a CFR of 37.2%).
- No new cases were reported during the month of December 2021.
- The demographic and epidemiological characteristics of reported cases, when compared to the same corresponding periods between 2016 and 2021, do not show any significant difference or change.
- The age group 50–59 years continues to be at the highest risk for acquiring infection as primary cases. The age group 30–39 years is most at risk as secondary cases. The number of deaths is higher in the age group 50–59 years as primary cases and 70–79 years as secondary cases.

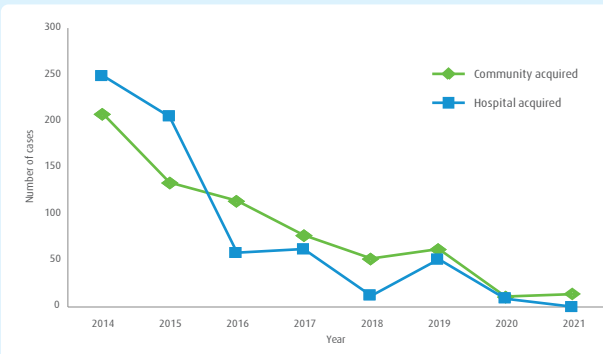
Distribution of MERS reported cases from Eastern Mediterranean Region by week of onset, June 2012 – December 2021



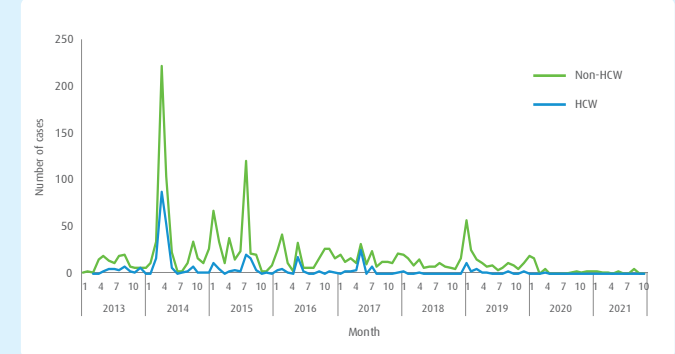
MERS cases per week of onset in Saudi Arabia, June 2012 – December 2021



Community versus hospital acquired MERS cases in Eastern Mediterranean Region, January 2014 – December 2021



Cases of MERS in healthcare workers reported from Saudi Arabia, January 2013 – December 2021



SUMMARY

2583
Laboratory-confirmed cases reported since April 2012

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

889
Deaths reported since April 2012

27
Countries reported cases globally

Epidemiological characteristics of MERS cases reported globally between July - December 2016 and July - December 2021

Characteristic	Jul - Dec 16	Jul - Dec 17	Jul - Dec 18	Jul - Dec 19	Jul - Dec 20	Jul - Dec 21
Number	99	94	50	54	4	7
Median age in years	56	51	56	57	52	59
Gender (% male)	77	72	88	85	100	100
% of Primary Cases	42	34	50	33	75	71
% of Secondary cases	11	21	20	9	0	0
(%) of Unknown Contact History	0	0	2	30	0	0
% of HCW	6	9	0	4	0	0
% Fatal	31	35	28	30	50	14

Characteristics of MERS cases reported from Saudi Arabia, June 2012 - December 2021

Type of case	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Grand Total
Missing		1	15	102	103	68	52	56	7	4	408
Primary	3	36	164	52	75	70	54	57	11	9	531
Secondary	2	93	264	222	60	90	35	75	9		850
Unknown		28	219	78	11	5	1	16	33	2	393
Grand Total	5	158	662	454	249	233	142	204	60	15	2182

Age and fatality distribution of primary and secondary cases of MERS reported from Saudi Arabia June 2012 – December 2021

