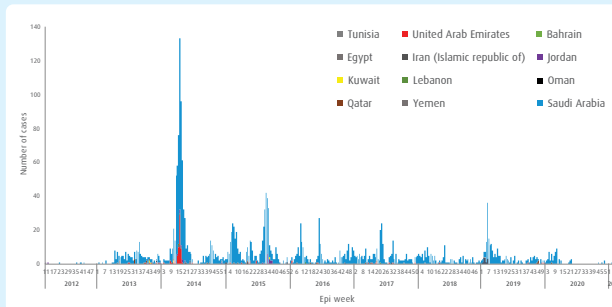


MERS SITUATION UPDATE | JANUARY 2021

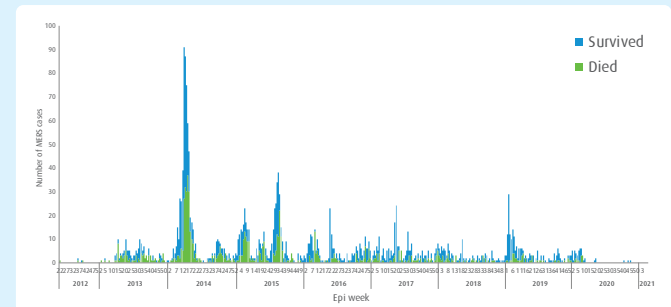
Highlights

- At the end of January 2021, a total of 2567 laboratory-confirmed cases of Middle East respiratory syndrome (MERS), including 884 associated deaths (case-fatality rate: 34.4%) were reported globally; the majority of these cases were reported from Saudi Arabia (2168 cases, including 806 related deaths with a case-fatality rate of 37.17%).
- During the month of January 2021, one laboratory-confirmed case of MERS was reported from Saudi Arabia. The reported case was not linked to any clusters. The case was a male national. No healthcare worker infections were reported this month.
- The demographic and epidemiological characteristics of reported cases, when compared during the same corresponding period of 2015 to 2020, do not show any significant difference or change.
- The age group 50–59 years continues to be at the highest risk for acquiring infection of primary cases. The age group 30–39 years is most at risk for secondary cases. The number of deaths is higher in the age group 50–59 years for primary cases and 70–79 years for secondary cases."

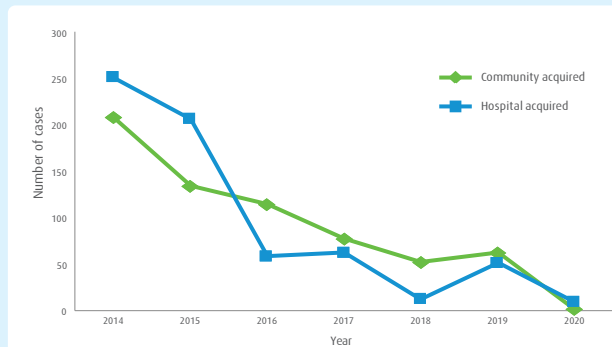
Distribution of MERS reported cases from Eastern Mediterranean Region by week of onset, June 2012 – January 2021



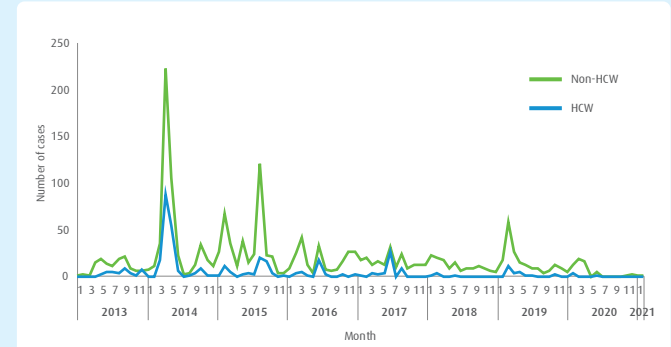
MERS cases per week of onset in Saudi Arabia, June 2012 – January 2021



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



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



SUMMARY

2567
Laboratory-confirmed cases reported since April 2012

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

884
Deaths reported since April 2012

27
Countries reported cases globally

Epidemiological characteristics of MERS cases reported globally between August 2015 - January 2016 and August 2020 - January 2021

Characteristic	Aug 15 - Jan 16	Aug 16 - Jan 17	Aug 17 - Jan 18	Aug 18 - Jan 19	Aug 19 - Jan 20	Aug 20 - Jan 21
Number	240	107	106	68	60	5
Median age in years	53	56	52	56	56	54
Gender (% male)	61	77	71	82	77	100
% of Primary Cases	8	39	29	37	30	75
% of Secondary cases	60	11	21	34	15	0
(%) of Unknown Contact History	5	2	0	1	37	25
% of HCW	18	5	8	0	8	0
% Fatal	34	33	35	25	27	60

Characteristics of MERS cases reported from Saudi Arabia, June 2012 - January 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		404
Primary	3	36	164	52	75	70	54	57	11		522
Secondary	2	93	264	222	60	90	35	75	9		850
Unknown		28	219	78	11	5	1	16	33	1	392
Grand Total	5	158	662	454	249	233	142	204	60	1	2168

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

