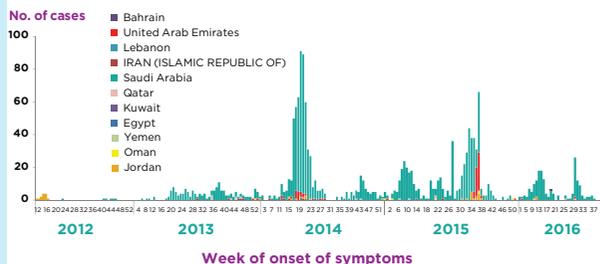


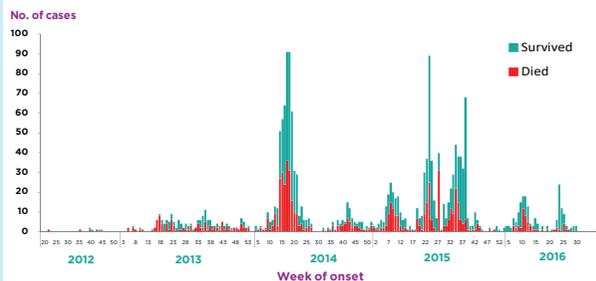
HIGHLIGHTS

- During the months of July and August 2016, no cluster of Middle East respiratory syndrome coronavirus (MERS-CoV) cases was reported from Saudi Arabia or elsewhere. During the months of July and August, a total 12 laboratory-confirmed cases of MERS, including two deaths were reported from Saudi Arabia.
- During the first eight months of 2016, Bahrain (1 death), Jordan (2 cases), Saudi Arabia (171 cases, including 49 deaths), Qatar (3 cases, including 1 death) and United Arab Emirates (2 cases) reported laboratory-confirmed cases of MERS. Compared to a similar time period in 2015 (January–August), there has been a 56% decline in the number of MERS cases reported during the same corresponding period in 2016.
- The demographic and epidemiological characteristics of the cases reported in 2016 do not show any significant difference when compared with cases reported from 2012 to 2015 (combined).
- The age group of those aged 50–59 years continues to be the group at highest risk for acquiring infection as primary cases, while the group at highest risk for acquiring infection as secondary cases is those aged 30–39 years. The majority of deaths among primary and secondary cases have occurred in the age groups of 50–59 and 70–79 years, respectively.

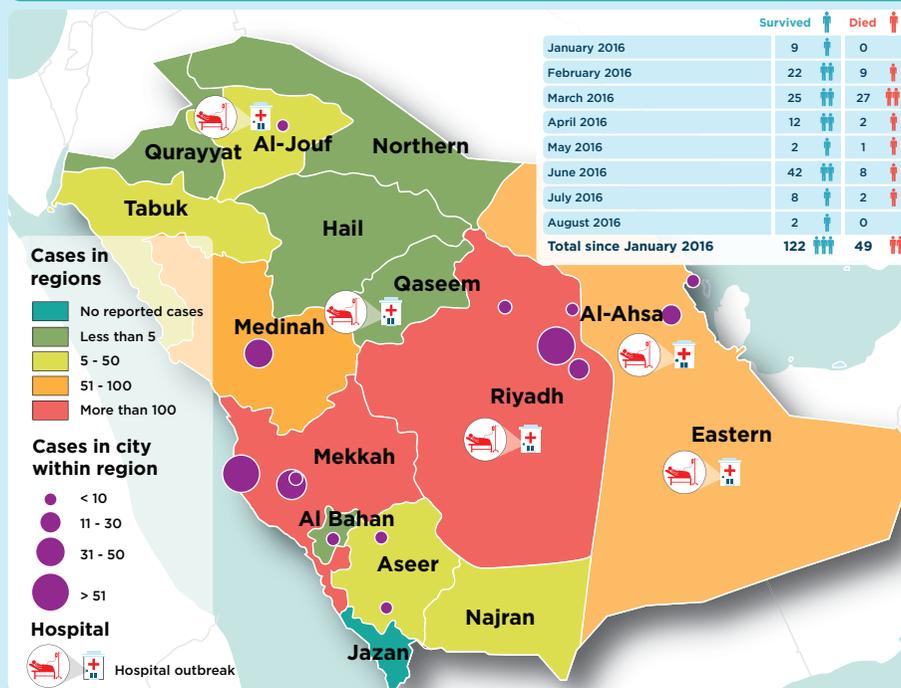
MERS cases reported from the Eastern Mediterranean Region by week of symptoms onset, April 2012–August 2016



Laboratory-confirmed cases of MERS reported worldwide, April 2012–August 2016



MERS cases in Saudi Arabia 2012- August 2016



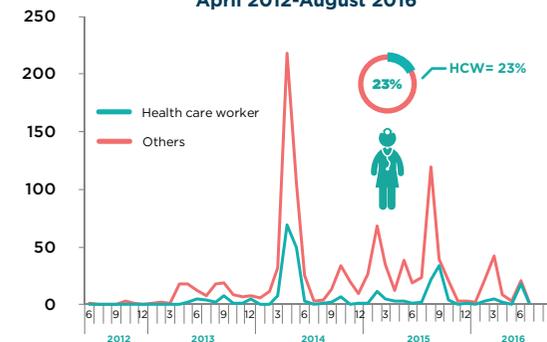
Epidemiological characteristics of MERS cases reported globally between Jan-August in 2013 and in 2016

| Characteristic | Jan-Aug 2013 | Jan-Aug 2014 | Jan-Aug 2015 | Jan-Aug 2016 |
|-----------------------------|--------------|--------------|--------------|--------------|
| Number | 91 | 535 | 389 | 171 |
| Median age in years | 50 | 48 | 55 | 52 |
| Gender (% male) | 60 | 63 | 68 | 68 |
| % of primary cases | 13 | 12 | 20 | 52 |
| % of secondary cases | 70 | 43 | 47 | 44 |
| (%) unknown contact history | 12 | 13 | 7 | 1 |
| % HCW | 14 | 24 | 12 | 17 |
| % Fatal | 49 | 40 | 46 | 29 |

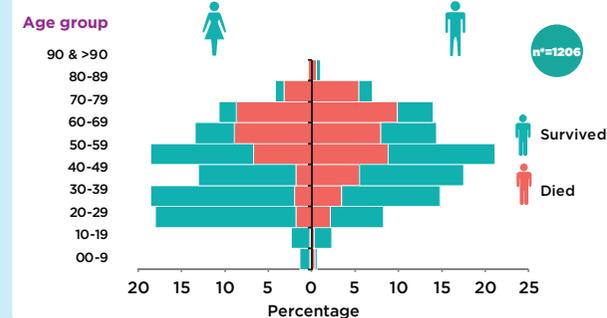
Outcome of MERS cases reported globally, 2012-2016

| Year | 2012 | 2013 | 2014 | 2015 | 2016 | Grand Total |
|----------|------|------|------|------|------|-------------|
| Died | 6 | 97 | 276 | 236 | 53 | 668 |
| Survived | 3 | 78 | 399 | 520 | 132 | 1132 |
| CFR(%) | 66 | 55 | 41 | 31 | 29 | 37 |

Reported cases of MERS in healthcare workers, April 2012–August 2016



Age and gender distribution of MERS cases reported from Saudi Arabia, 2012–August 2016



Age and fatality distribution of Primary and Secondary cases of MERS reported from Saudi Arabia, 2012–August 2016

