

Novel Corona 2019-2020

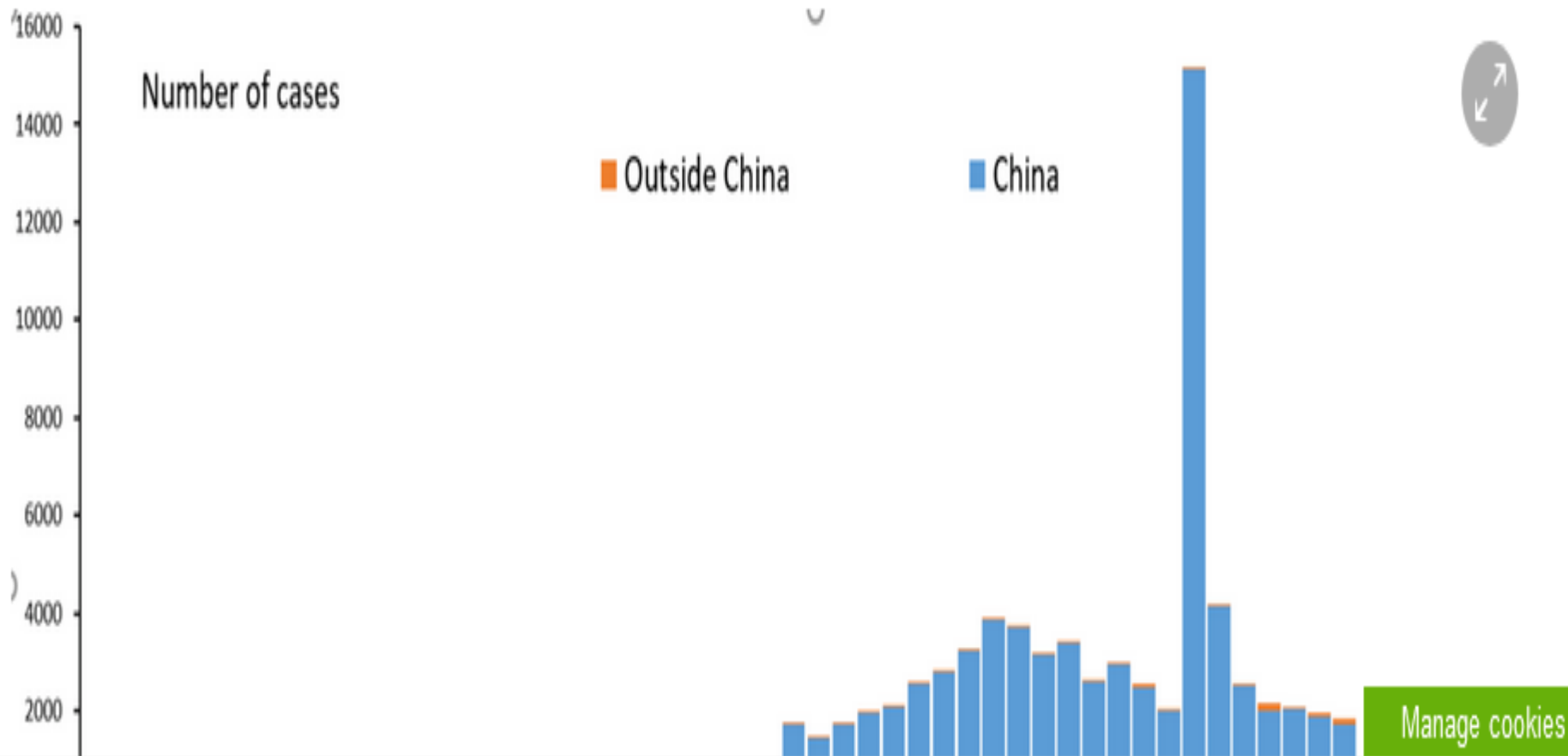
From containment to preparedness

Jordan

Najwa Khuri-Bulos MD, FIDSA
Distinguished Professor of Pediatrics and
Infectious Diseases, University of Jordan
February, 26, 2020

rapidly. In addition, due to the unavailability of date of onset data, likely testing of retrospective specimens and currently expanding introduction of the specific laboratory test for SARS-CoV-2, this figure might not be reflective of the evolution of the epidemic in China

Distribution of COVID-19 cases worldwide, as of 25 February 2020

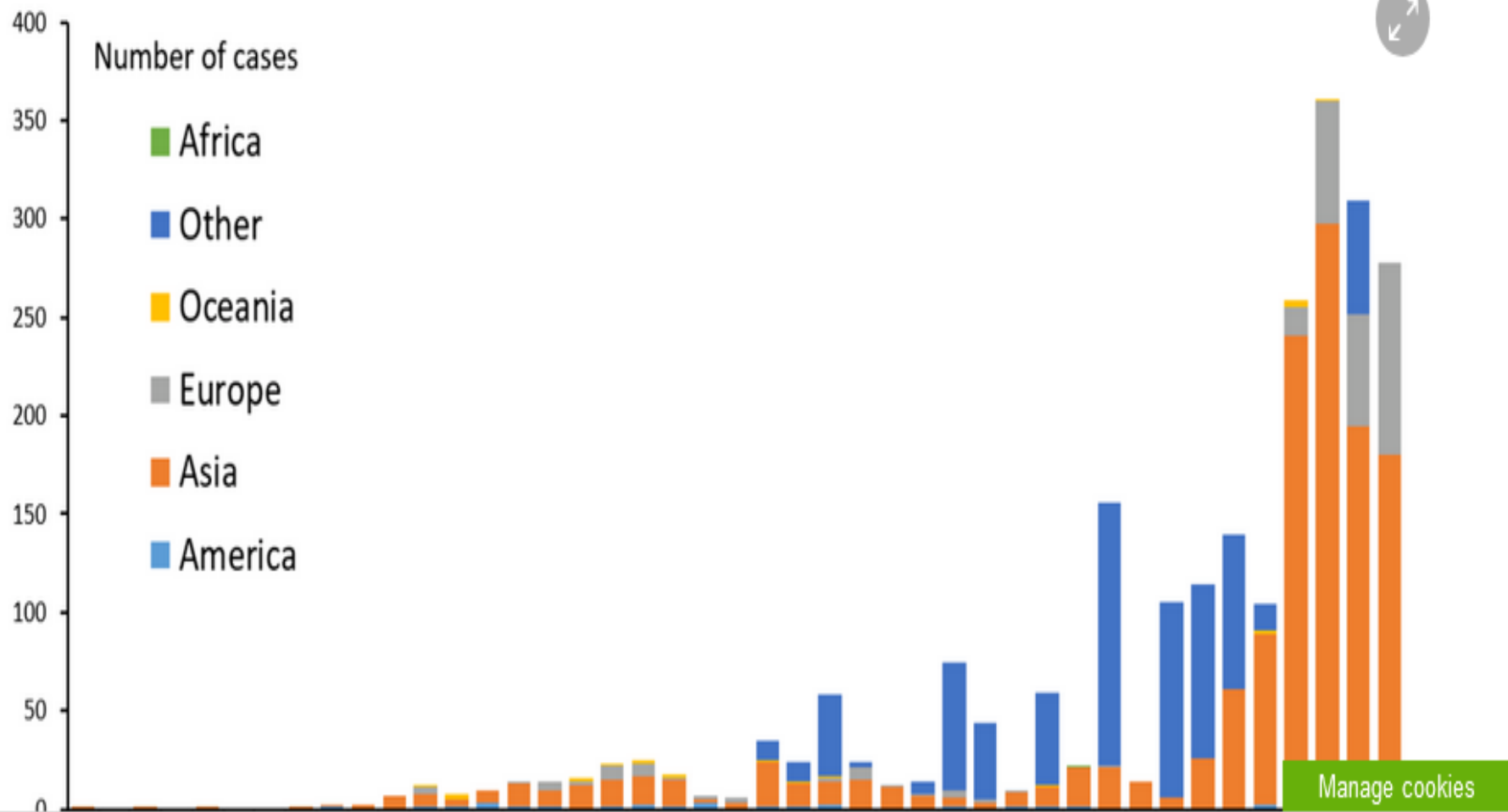


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Distribution of COVID-19 cases by continent (except China), as of 25 February 2020 (according to the applied case definition in the countries)

Number of cases

- Africa
- Other
- Oceania
- Europe
- Asia
- America



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The evolving Corona outbreak

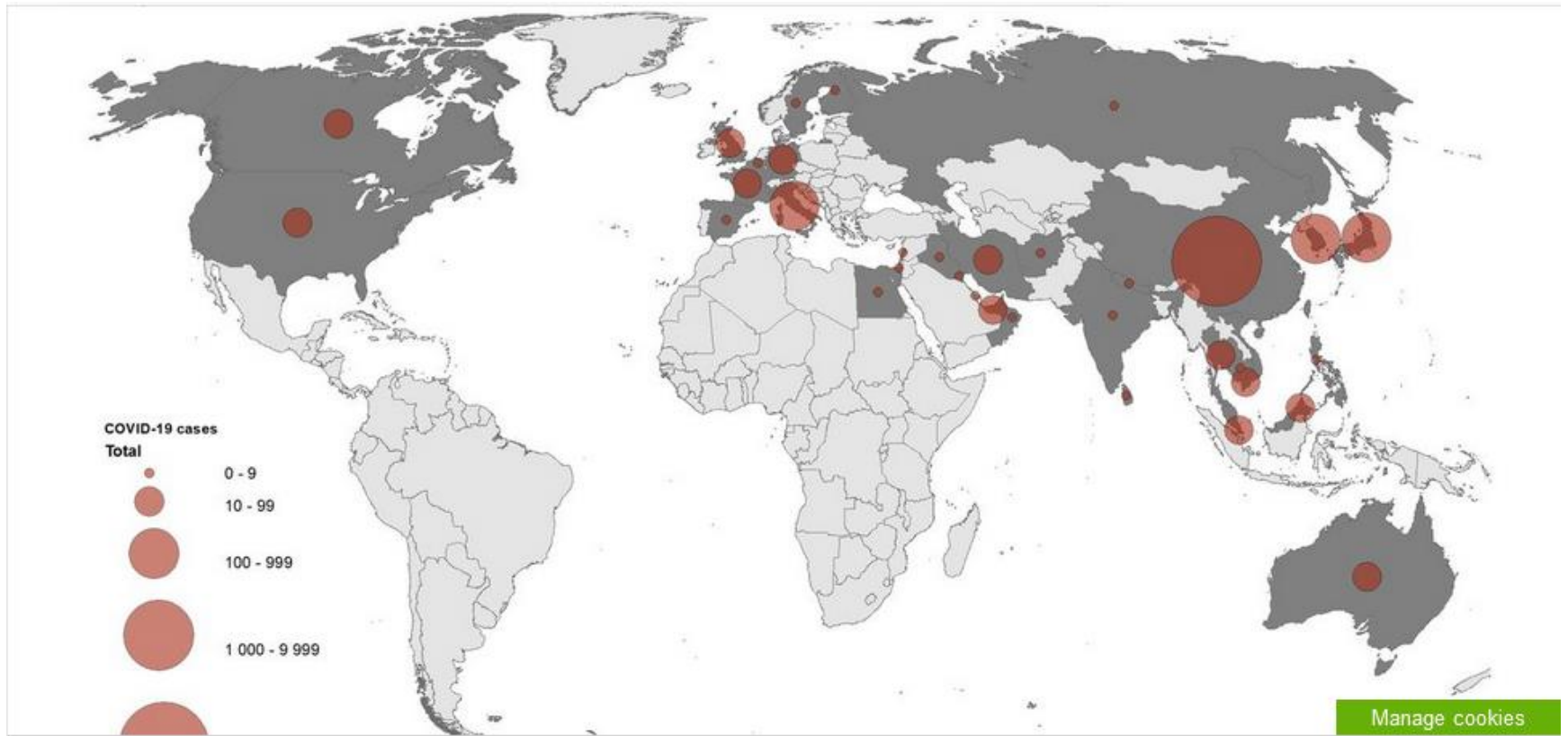
“It’s very, very transmissible, and it almost •
certainly is going to be a pandemic. But will it
be catastrophic? I don’t know”

Dr. Anthony S. Fauci •

*(Director, National Inst. Allergy and Infectious •
Disease)*

Feb. 2, 2020

Spread beyond to include the middle east



Progress of the outbreak of Novel corona 2020

February 2

February 5

February 16

February 25

SITUATION IN NUMBERS total and new cases in last 24 hours

Globally

11953 confirmed (2128 new)

China

11821 confirmed (2102 new)
1795 severe (268 new)
259 deaths (46 new)

Outside of China

132 confirmed (26 new)
23 countries (4 new)

WHO RISK ASSESSMENT

China	Very High
Regional Level	High
Global Level	High

SITUATION IN NUMBERS total and new cases in last 24 hours

Globally

20630 confirmed (3241 new)

China

20471 confirmed (3235 new)
2788 severe (492 new)
425 deaths (64 new)

Outside of China

159 confirmed (6 new)
23 countries
1 death

WHO RISK ASSESSMENT

China	Very High
Regional Level	High
Global Level	High

SITUATION IN NUMBERS total and new cases in last 24 hours

Globally

51 857 laboratory-confirmed
(1278 new)

China

51 174 laboratory-confirmed
(1121 new)
1666 deaths (142 new)[†]

Outside of China

683 laboratory-confirmed
(157 new)
25 countries
3 deaths (1 new)

WHO RISK ASSESSMENT

China	Very High
Regional Level	High
Global Level	High

SITUATION IN NUMBERS total and new cases in last 24 hours

Globally

80 239 confirmed (908 new)

China

77 780 confirmed (518 new)
2666 deaths (71 new)

Outside of China

2459 confirmed (390 new)
33 countries (4 new)
34 deaths (11 new)

WHO RISK ASSESSMENT

China	Very High
Regional Level	High
Global Level	High

February 25

Coronavirus update: 80,238 cases, 2,700 deaths; CDC warns Americans to prepare for disruption

Published: Feb 25, 2020 4:36 p.m. ET

Must be concerned about disruption of

Many aspects of life including trade

Travel, supply chain etc

The control of this disease is a must

Communicating to the public is a must and should

Be done on an ongoing basis in order to prevent
panic

Comparison with previous corona outbreaks

Virus type	Year of outbreak	Number of cases	Mortality number and rate	Control measures
SARS Source China	2002	8098	774 9.57 %	Last cases 2004. control by eliminating the animal source. MERS More difficult to control since the camel is an intermediate host
MERS CoV Source Saudi Arabia also in Jordan	2012 but ongoing	2494	858 34.43%	Difficult to control camels.Still present in the ME
N-Cov 2019 More similar to SARS Source China	2019-2020	February 17 71429	1772 App 2%	New virus's proteins are between 70 and 99 percent identical to their counterparts in the SARS virus

In both SARS and Novel corona, the identifying physician unhappily died of the infection
 Number of cases more than 70000 in February 17. This massive increase occurred in
 the past seven weeks only

Conclusion

Novel corona is likely to spread further rather than decrease in the coming few weeks •

This virus is unpredictable

All components of the health system should be strengthened and supported to be prepared to deal with the influx of cases all over the country •

All sectors have to collaborate and pool their efforts •

COMMUNICATION should be strengthened in order to deflect disinformation and rumors and prevent panic •

This should be directed at all sectors •