Global COVID-19 Pandemic Update
April 22, 2020

Wafaa El-Sadr, MD, MPH, MPA

ICAP Global Director
As of April 21st:
• 2,501,156 confirmed cases globally
• 171,810 reported deaths*
• 659,732 reported recoveries

By Region:
• 50% of global cases in Europe
• 32% of global cases in the US
• 3% of global cases in China
• ~0.9% of global cases in Africa

Top five: US, Spain, Italy, France, Germany

Sources: John Hopkins, WHO
Evolution of the Pandemic

Source: WHO
COVID-19 in the US and NYC

Current Snapshot in US:
- 825,306 confirmed cases
  - 17% of cases in New York City
- 45,075 reported deaths

Current Snapshot in NYC:
- 132,467 confirmed cases
  - 53% of total statewide cases
- 13,683 reported deaths*

Sources: John Hopkins, New York Times, NYC Dept. of Health

Percent of patients testing positive in New York City

N = 243,047 total persons tested as of April 20, 2020
COVID-19 in Africa

Current Snapshot:
- 23,716 confirmed cases
  - ~0.9% of worldwide cases
- 1,160 reported deaths*
- 52 countries reporting cases

*As of 4/21/20
Global trends per continent

North America

Europe

Asia

Africa

Days since confirmed cases first reached 30 per day
Epidemic Phases and Response Interventions

Epidemic Phases

- Introduction or emergence
- Localized transmission
- Amplification
- Reduced transmission

Response Interventions

- Anticipation
- Early detection
- Containment
- Control and mitigation
- Elimination or eradication
ICAP’s Global Covid-19 Response

- **Purchase of PPE & medical equipment, Logistic Support**
  - CAR, DRC, Ethiopia, Kenya, Mozambique, Sierra Leone

- **COVID-19 Treatment Center**
  - DRC, Mozambique

- **TA | Taskforce and Response**
  - Ethiopia, Myanmar, South Sudan, CAR

- **National COVID-19 surveillance system**
  - Lesotho, Sierra Leone, Zimbabwe

- **Fever clinic/health brigade**
  - Mozambique, Kenya, Sierra Leone
COVID-19 Health Care Worker Training Project (Resolve to Save Lives)

- Angola
- Burundi
- Cote d'Ivoire
- Eswatini
- Kenya
- Lesotho
- Malawi
- Mozambique
- Rwanda
- Sierra Leone
- South Sudan
- Tanzania
- Zambia
Summary

- COVID-19 pandemic continues to grow and evolve
- US is most severely affected country
- New York City remains in the eye of the storm
- Most African countries have reported cases of COVID-19
- Critically important to carefully monitor the epidemic in African countries while putting in place vigorous containment and mitigation measures

Epidemics know no borders