

Enhancing Death Registration System for Emergency Response(COVID-19) in Sierra Leone

NATIONAL CIVIL REGISTRATION AUTHORITY (SIERRA LEONE)

Webinar Series Organized by ECA

13th July 2020

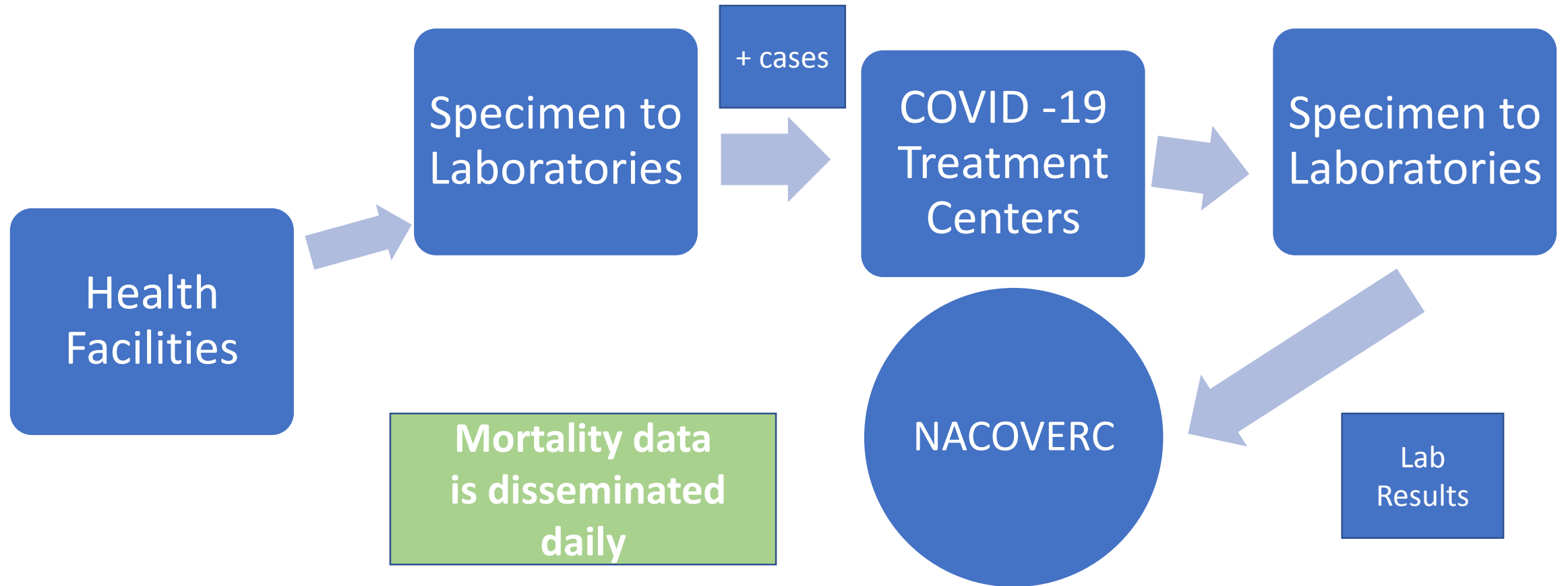
Presentation Outline

- Brief Background to Rapid Mortality Surveillance(RMS)
- Rapid Mortality Surveillance System in the context of COVID -19
- Current Death Registration System in Sierra Leone
- Comparison of Death Registration Data; 2019 & 2020 – Jan to May
- Mortality Data – CORVID-19

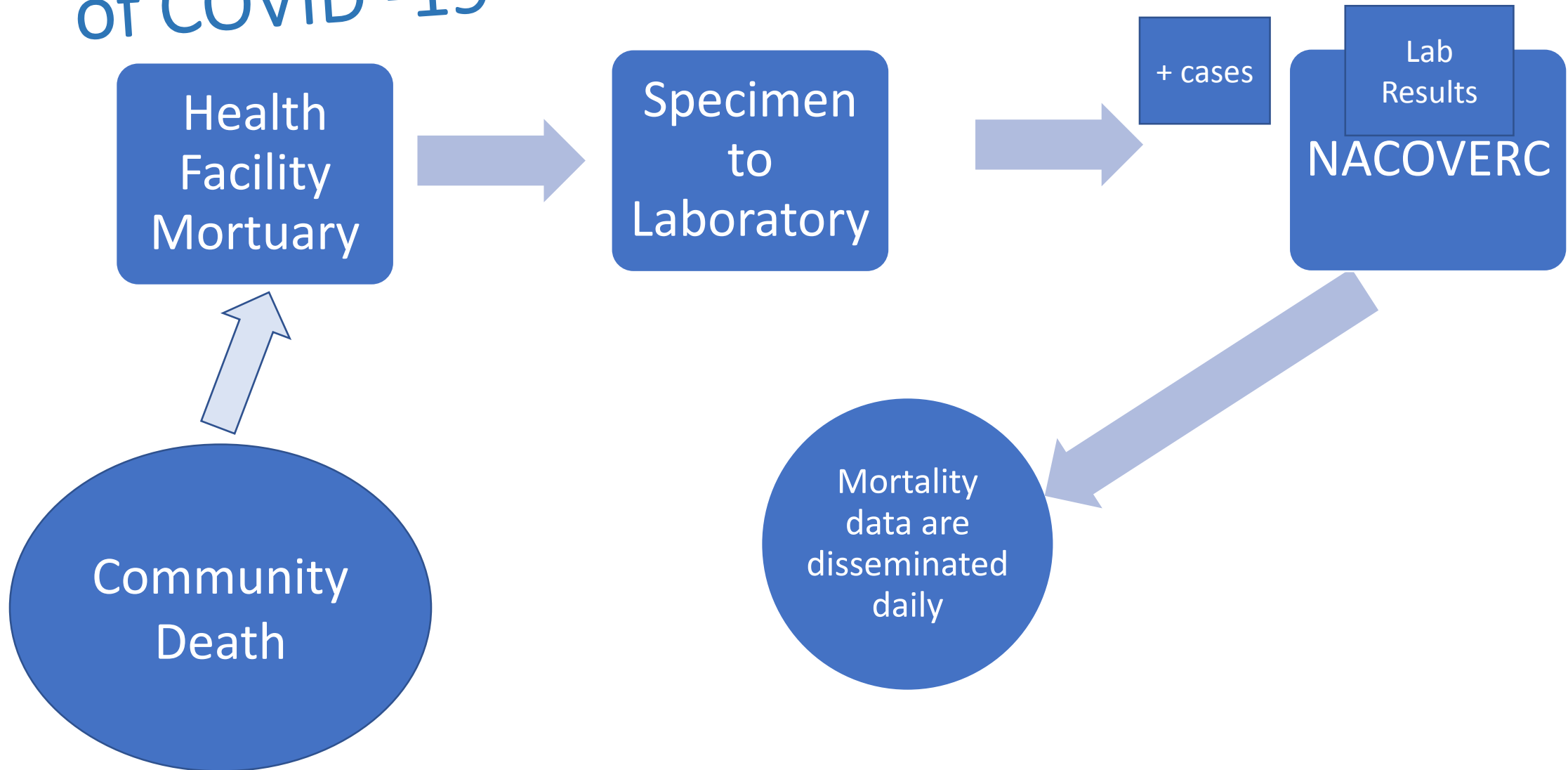
Rapid Mortality Surveillance

- Sierra Leone declared a state of public emergency in March 24, 2020 and the NACOVERC was established; the country recorded the first case of CORVID -19 on the 31st March 2020
- NACOVERC provides evidence based information, policies and data to formulate action driven response within a multisectoral strategy.
- **Comprises** both facility-and community-based components reporting CORVID -19 death through an integrated disease surveillance and response system.
- Provide policy-makers with up-to-date status reports, including spread into new areas or previously unaffected populations. This surveillance can also help target, prioritize and monitor the effectiveness of prevention and response strategies.
- In SL daily update is provided by NACOVERC

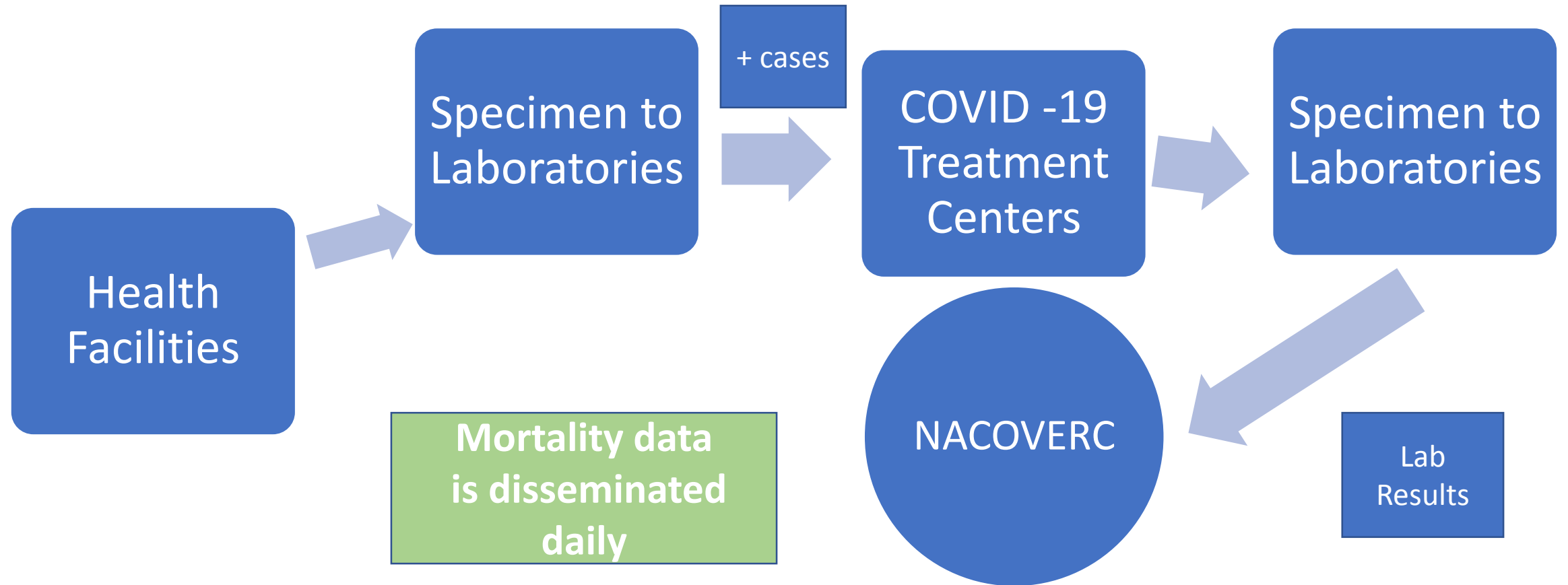
Rapid Mortality Surveillance System in the context of COVID -19



Rapid Mortality Surveillance System in the context of COVID -19



Rapid Mortality Surveillance System in the context of COVID -19



Data Comparison for Death Registration

- We have data for up to May 2020

- There is a 47 % reduction (variance of 5,730) in Death Registration from 2019 for the same period

Year	Deaths Recorded (NCRA)	Deaths Registered	Registration Rate
2019	23,985	12,167	51%
2020	7,053	6,437	91%

Mortality Data by Date of Occurrence and Date of Registration

- This is possible for all vital events as the registration forms require both date of occurrence and date of registration.
- However we only have data for birth and death registration
- **2019 (Jan - May)**
- Death Registration:
 - Current(0-90 days)= 2,620
 - Late(91 days- 12 months)= 1,989
 - Delayed(after 12 months)= 7,558
(78.5 % of deaths were registration after the 90 days)
- **2020 (Jan – May)**
- Death registration:
 - Current = 6,225
 - Late = 145
 - Delayed = 67
(3.7 % of deaths were registered after 90 days)

Mortality Data – CORVID -19

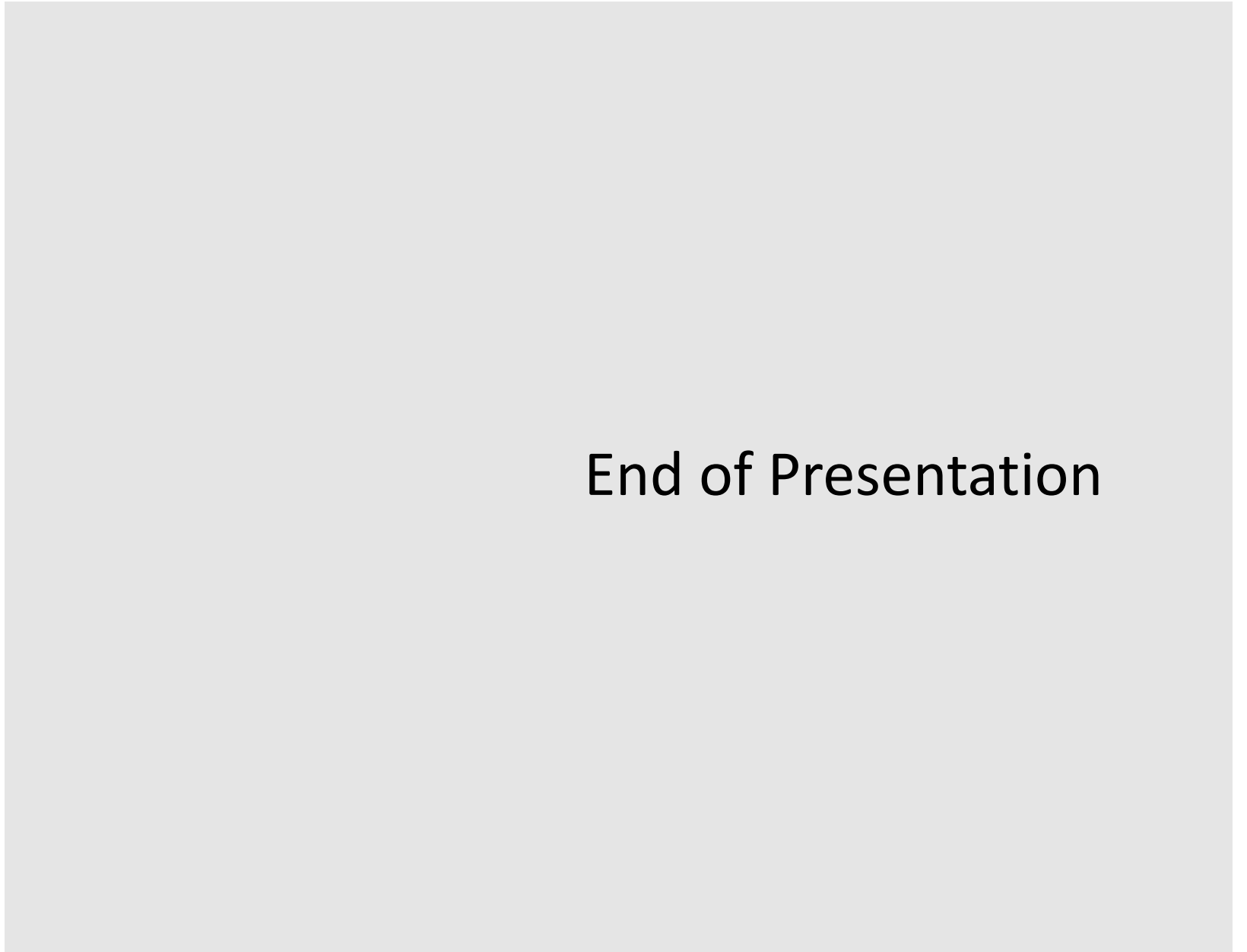
- Total Number of Death – 63
- Total Number of Confirmed Cases – 1,642
- Case fatality Rate – 3.8%

Data Source: NACOVERC, 13th July 2020

Digitisation of CRS

Current system is paper based.
However we have started
digitising past records since 1900.

Going forward we will set up
electronic infrastructure system
for registration of all Civil events
including deaths.



End of Presentation