

# Updated surveillance reports and reporting flows

Health Information, Communicable Diseases & Emergency Response  
(HCE) Programme

16<sup>th</sup> November 2021

---

# Overview



Surveillance information flow



Data collection instruments

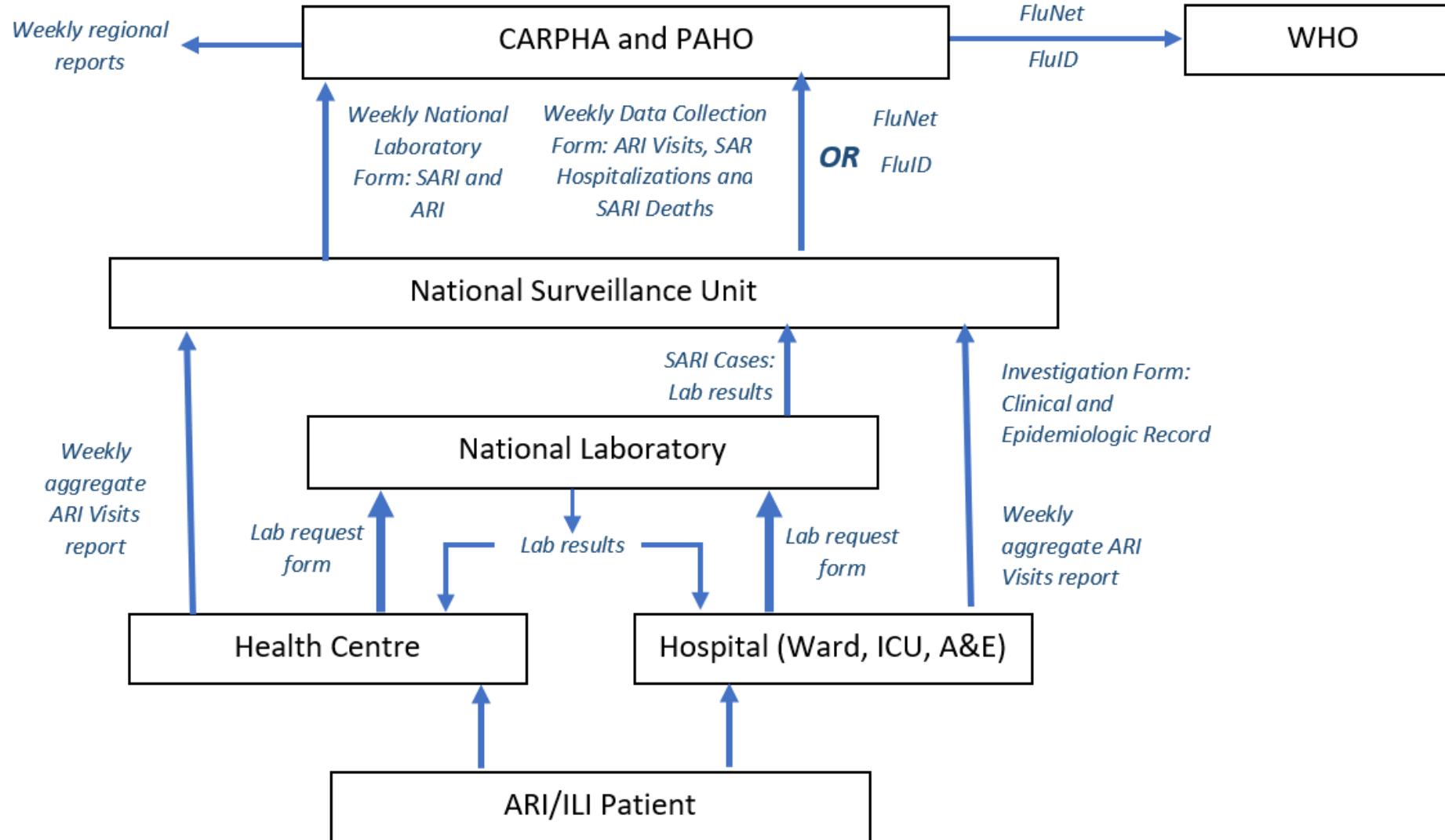


FluID and FluNet



Some notes

# SARI and ARI Surveillance Information Flow Chart



## Weekly Data Collection Form: ARI Visits, SARI Hospitalizations and SARI Deaths

Country: \_\_\_\_\_

Epidemiologic Week #: \_\_\_\_\_

Hospital/Clinic: \_\_\_\_\_

Week Starting Date: \_\_\_\_\_



<b>Severe Acute Respiratory Infection (SARI)</b> [This section is to be completed for Hospitals <b>ONLY</b> , not Clinics]									
	Total	<6 mths	6-11 mths	12-23 mths	2-4 yrs	5-14 yrs	15-49 yrs	50-64 yrs	≥65 years
SARI Admissions									
Hospital medical admissions									
SARI Deaths									
Deaths in medical admissions									
Hospital Admissions									
Deaths in hospitalized patients									
<b>Acute Respiratory Infection (ARI)</b> [This section is to be completed for Hospitals' A&E <b>AND</b> Clinics]									
	Total	<6 mths	6-11 mths	12-23 mths	2-4 yrs	5-14 yrs	15-49 yrs	50-64 yrs	≥65 years
ARI									
Total visits									

Surveillance Coordinator \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



## Weekly National Laboratory Reporting Form: SARI and ARI

Country	
Date of Report	

Epidemiologic Week #	
Week Start Date	

### Patients with Severe Acute Respiratory Infection (SARI)

Etiologic Agent	Number of SARI Cases Tested for Viral Respiratory Infection									
	TOTAL	<6 months	6-11 months	12-23 months	2-4 years	5-14 years	15-49 years	50-64 years	Over 65	Unknown
Adenovirus										
Influenza A										
Influenza B										
Parainfluenza										
RSV										
SARS-CoV-2										
<i>Positive Samples</i>										
<b>Negative Samples</b>										
<b>TOTAL TESTED</b>										

### Ambulatory Patients with Acute Respiratory Infection (ARI)

Etiologic Agent	Number of ARI Cases Tested for Viral Respiratory Infection									
	TOTAL	<6 months	6-11 months	12-23 months	2-4 years	5-14 years	15-49 years	50-64 years	Over 65	Unknown
Adenovirus										
Influenza A										
Influenza B										
Parainfluenza										
RSV										
SARS-CoV-2										
<i>Positive Samples</i>										
<b>Negative Samples</b>										
<b>TOTAL TESTED</b>										

Responsible Officer: \_\_\_\_\_

Signature: \_\_\_\_\_

## Weekly Data Collection Form: ARI Visits, SARI Hospitalizations and SARI Deaths

Country: \_\_\_\_\_

Epidemiologic Week #: \_\_\_\_\_

Hospital/Clinic: \_\_\_\_\_

Week Starting Date: \_\_\_\_\_



Severe Acute Respiratory Infection (SARI) [This section is to be completed for Hospitals <b>ONLY</b> , not Clinics]									
	Total	<6 mths	6-11 mths	12-23 mths	2-4 yrs	5-14 yrs	15-49 yrs	50-64 yrs	≥65 years
SARI Admissions									
Hospital medical admissions									
SARI Deaths									
Deaths in medical admissions									
Hospital Admissions									
Deaths in hospitalized patients									

- The Epidemiological Week begins on a Sunday and ends on a Saturday. The date on Sunday is recorded as the **Week Start Date**.
- **Hospital admissions** constitutes all admissions to hospital (**inclusive of persons at A&E and outpatient clinics, etc**)
- **Hospital medical admissions** constitute all admissions to the medical ward, medical admissions to the paediatric ward, and medical admissions to the intensive care unit (for each particular age group).
- **Deaths in hospitalized patients** constitute all deaths in those admitted to hospital.
- **Deaths in medical admissions** constitutes all deaths on the medical ward, in medical patients on the paediatric ward, in medical patients in the intensive care unit
- **Total visits** constitutes all visits to hospital A&E, hospital outpatient clinics and all non-hospital affiliated clinics (**does not include persons that were admitted**)

# Investigation Form: Clinical and Epidemiologic Record



Country \_\_\_\_\_

Doctor: .....  
Hospital/Site: .....  
**Ward/ICU:** .....  
**E-mail:** .....

**Laboratory Where Sample Sent:**  
.....

Hospital/Medical Record Number: .....

Admission Date: ...../...../..... Discharge Date: ...../...../..... or Date of Death: ...../...../.....

Last Name: ..... First Name: .....

Date of Birth: ...../...../..... Age: ..... Sex .....

Date of Onset of Illness: ...../...../..... Epidemiologic Week Number: .....

Sample taken: Yes  No  Date Sample Taken: ...../...../.....

Type of sample taken: .....

Flu Shot: Yes  No  Date of Vaccination: ...../...../.....

**Full COVID-19 Vaccine:** Yes  No  **Date fully Vaccinated:** ...../...../.....

## Clinical and Epidemiological Profile

Clinical Profile	Yes	No
Sudden fever over 38°C		
Rhinorrhea		
Cough		
Sore throat		
Conjunctivitis		
Otitis		
Shortness of breath		
Difficulty breathing		
Bronchitis		
Bronchiolitis		
Pneumonia		

	Yes	No
<u>Adenopathies</u>		
Headache		
Myalgia		
Vomiting		
Diarrhea		
Rash		
<b>Epidemiological Profile</b>		
Sporadic case		
Part of cluster		
Part of outbreak		
Animal contact		

**Recent Travel History:** Yes  No  Where: .....

**Treatment:** Antivirals Yes  No  Type: .....

Antibiotics Yes  No  Type: .....

**Laboratory Result:** Virology..... Bacteriology .....

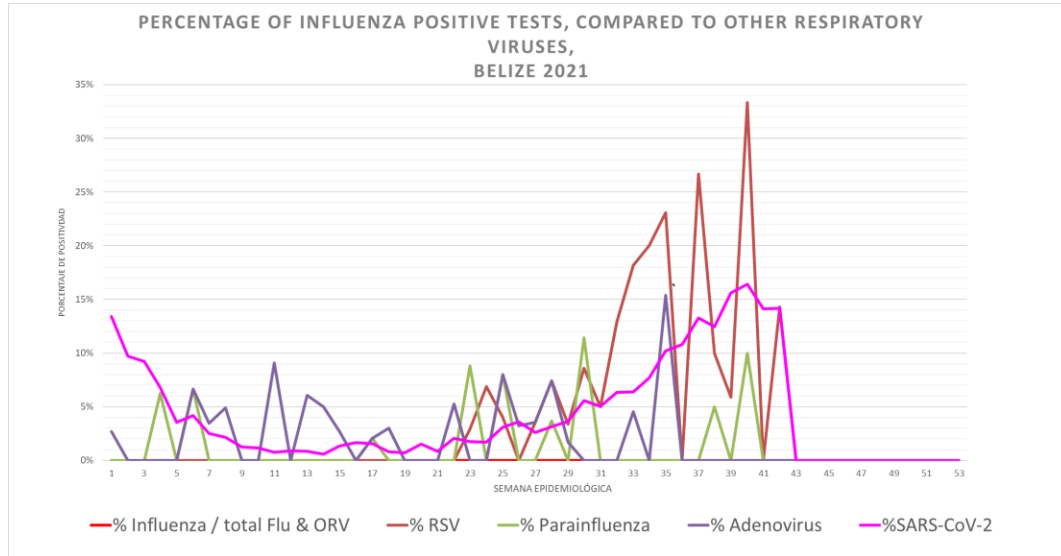
**Final Diagnosis:** .....

Note: A **cluster** is defined as three or more persons geospatially or socially linked with onset of disease within 10 days of each other.

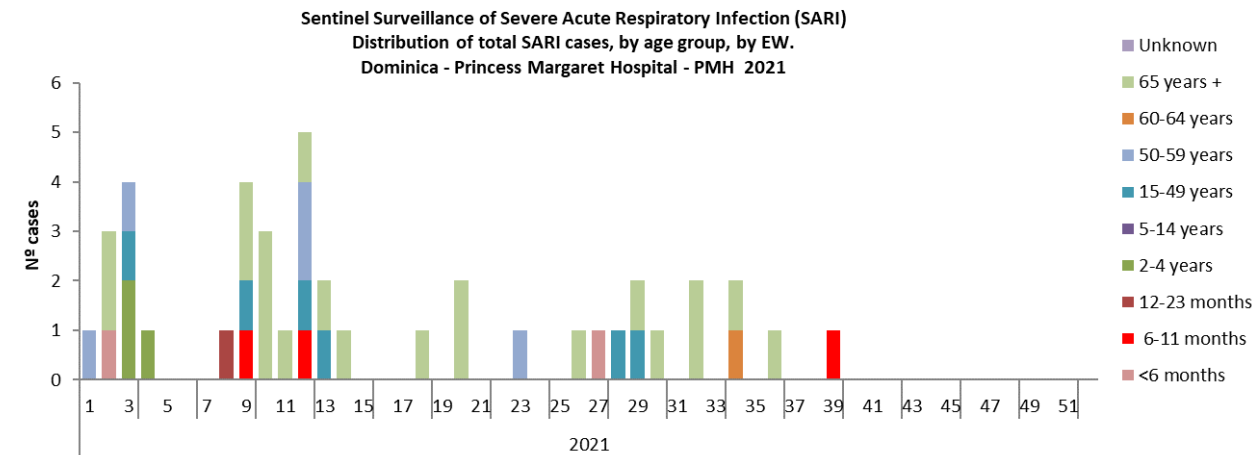
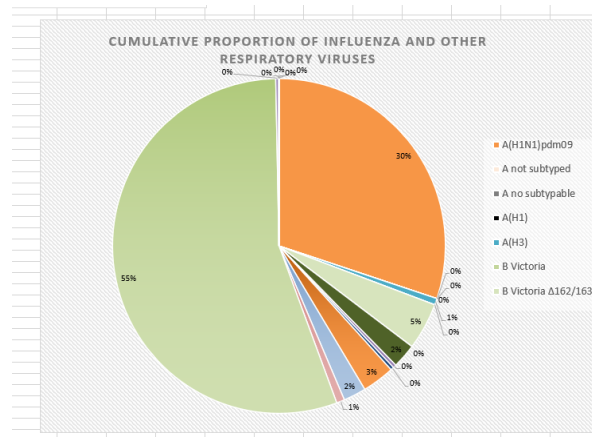
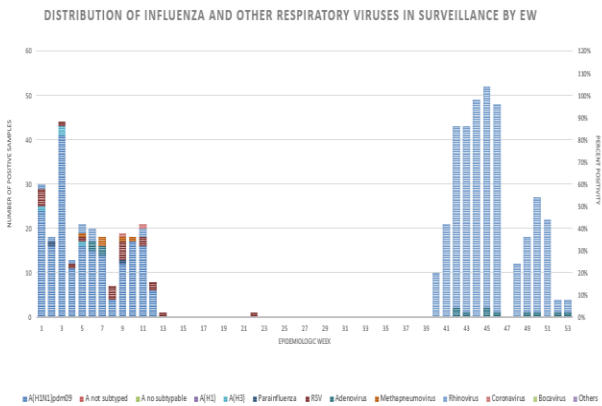
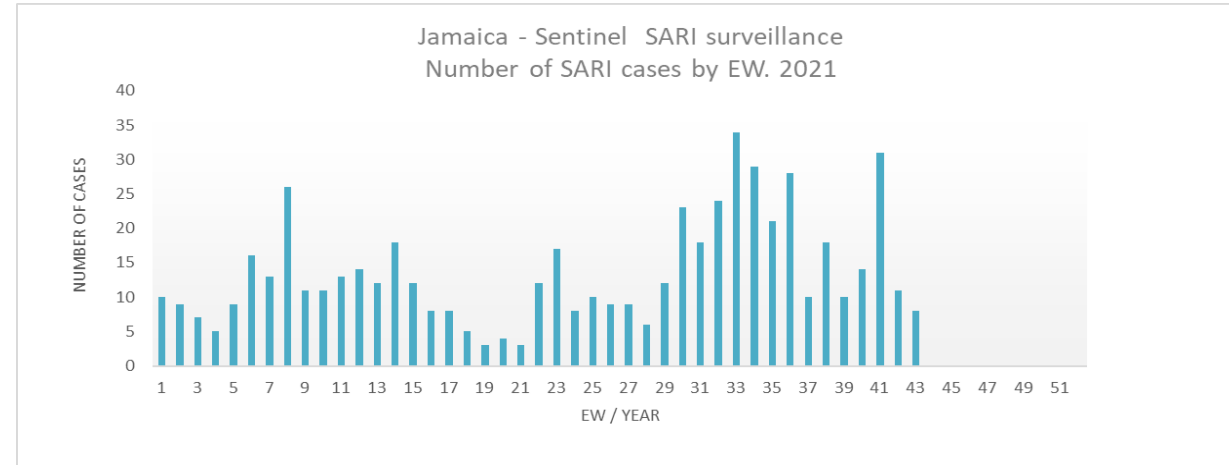




# FluNet: sample graphs within the Excel spreadsheet



# FluID: sample Graphs within the Excel spreadsheet



# Reporting to CARPHA and PAHO



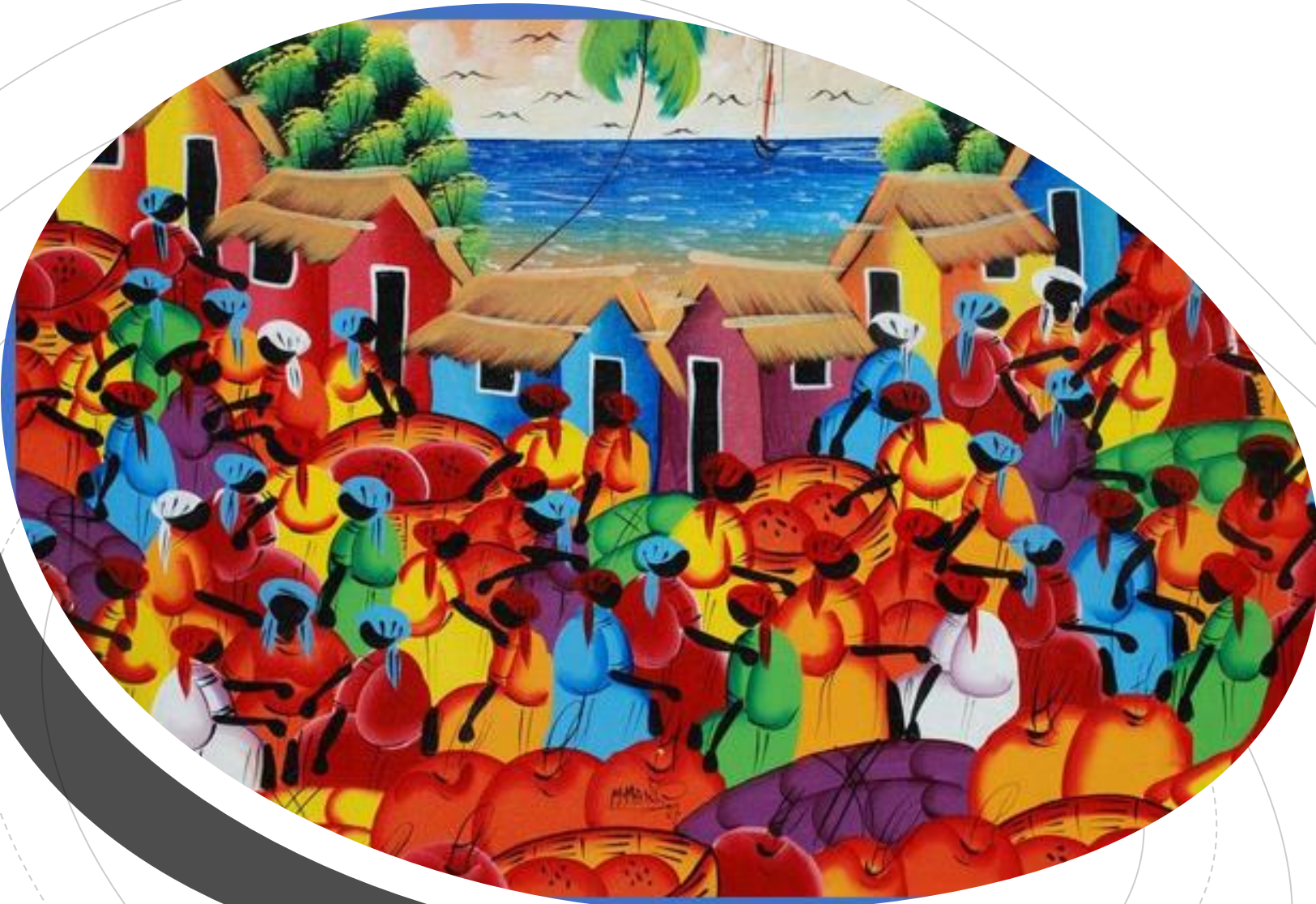
- Data in Excel report files (CARPHA, FluNET and FluID) should be received **weekly** by **Friday, 15:00 (EST)** to [carpha@](mailto:carpha@) and [flu@paho.org](mailto:flu@paho.org) - **In Parallel** –
- Effective immediately: If FluNet and FluID reports are not generated automatically by countries/territories, PAHO will generate them based on the nominal and aggregate reports sent to CARPHA
- In short to medium term: CARPHA and PAHO will collaborate with countries/territories to integrate epi/lab data and automate reports in national systems in order to send them directly to the two organizations through an information systems connection/interface
- Data will be included in CARPHA reports and the PAHO Weekly Report

Some notes

Case definitions

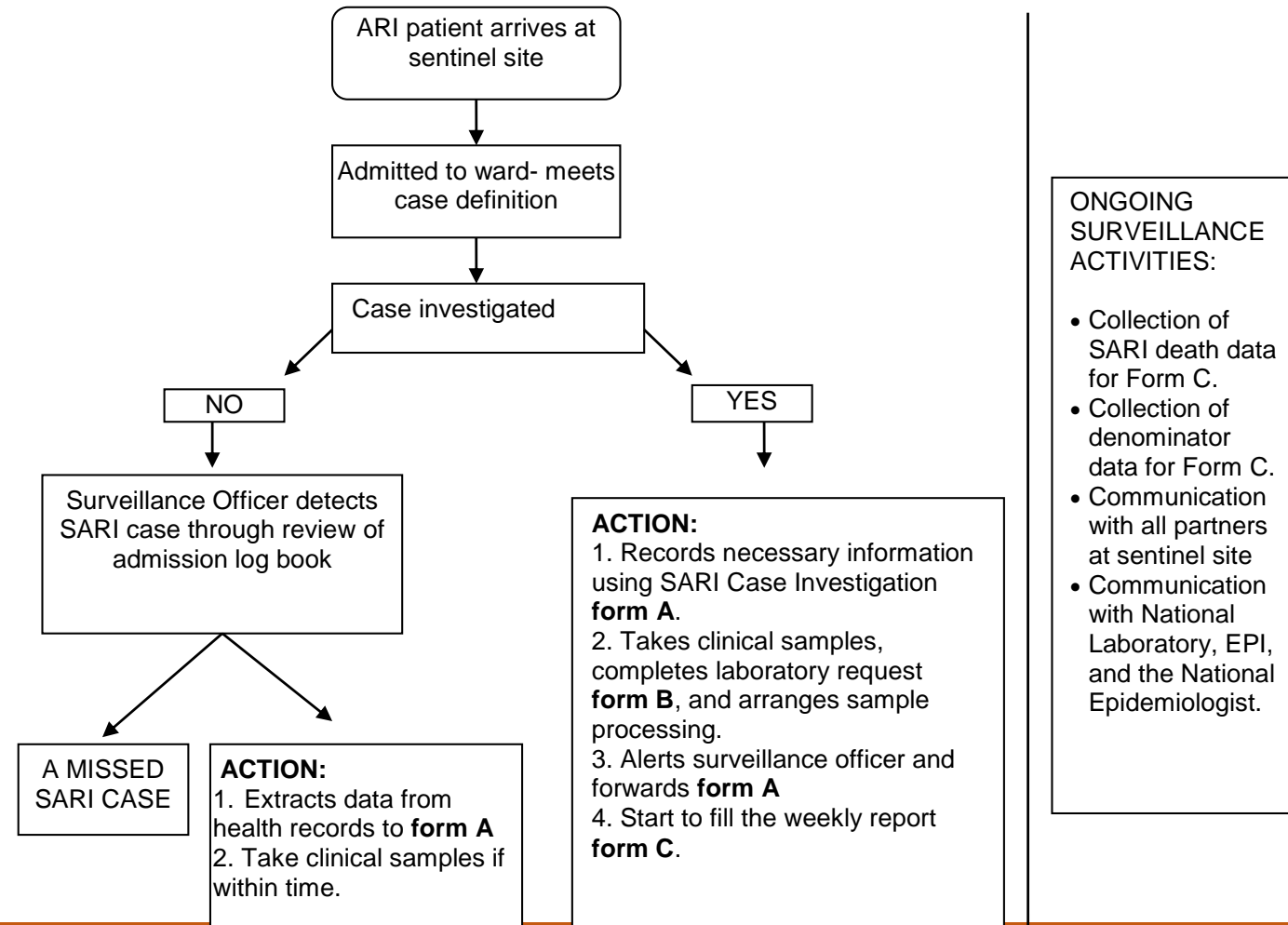
Managing updates

Data completeness



**ANY  
QUESTIONS?**

# SARI SURVEILLANCE ACTIVITIES AT SENTINEL SITES



**ONGOING SURVEILLANCE ACTIVITIES:**

- Collection of SARI death data for Form C.
- Collection of denominator data for Form C.
- Communication with all partners at sentinel site
- Communication with National Laboratory, EPI, and the National Epidemiologist.

# Q&A

