

## 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



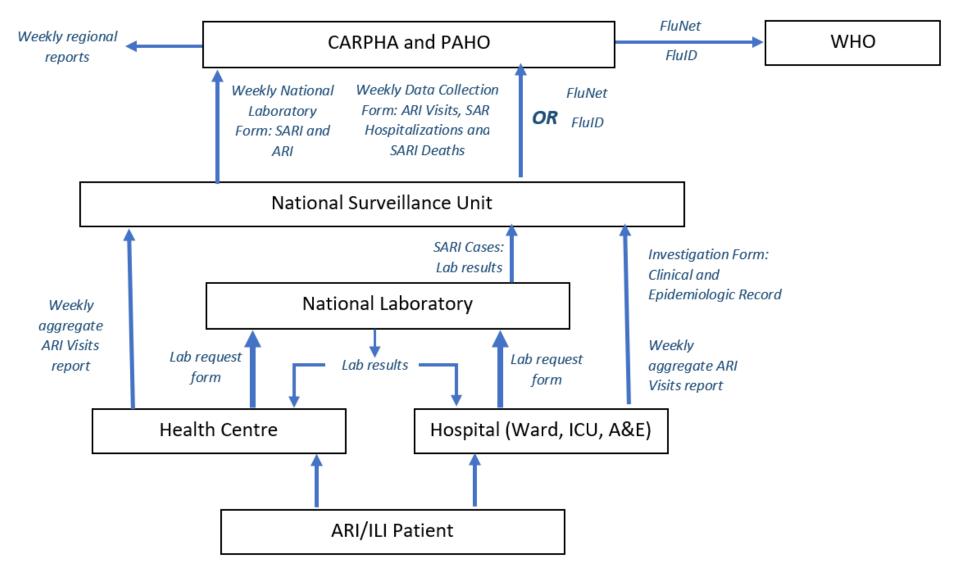
FluID an FluNet



Some notes

## SARI and ARI Surveillance Information Flow Chart







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

Epidemiologic Week #: ————													
Week Starting Date:													
nfection (	SARI) [This:	section is to b	oe completed f	or Hospitals	ONLY, 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					
Acute Respiratory Infection (ARI) [This section is to be completed for Hospitals' A&E AND Clinics]													
Total	<6 mths	6-11 mths	12-23 mths	2-4 չյլչ	5-14 yrs	15-49 yrs	50-64 yrs	≥65 years					
	Total	Total <6 mths.  (ARI) [This section is total	Total <6 mths 6-11 mths  (ARI) [This section is to be completed]	Week Sta  fection (SARI) [This section is to be completed for Hospital  (ARI) [This section is to be completed for Hospital	Week Starting Date:  nfection (SARI) [This section is to be completed for Hospitals  Total <6 mths 6-11 mths 12-23 mths 2-4 yrs  (ARI) [This section is to be completed for Hospitals' A&E ANI	Week Starting Date:	Week Starting Date:  Infection (SARI) [This section is to be completed for Hospitals ONLY, not Clinics]  Total <6 mths 6-11 mths 12-23 mths 2-4 yrs 5-14 yrs 15-49 yrs  (ARI) [This section is to be completed for Hospitals' A&E AND Clinics]	Week Starting Date:  Infection (SARI) [This section is to be completed for Hospitals ONLY, not Clinics]  Total <6 mths. 6-11 mths. 12-23 mths. 2-4 yrs 5-14 yrs 15-49 yrs 50-64 yrs  (ARI) [This section is to be completed for Hospitals' A&E AND Clinics]					



### Weekly National Laboratory Reporting Form: SARI and ARI

		-			-	_				
Country					Epide	emiologic Weel	k#			
Date of Report					Week	Start Date				
			Dationte wi	th Covers A	sute Deenira	toni Infontio	n (CADI)			
			Patients Wi	in Severe A	cute Respira	tory Infectio	n (SARI)			
			Nur	nber of SARI	Cases Teste	d for Viral Res	spiratory Infe	ection		
Etiologic Agent	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										
Positive Samples										
Negative Samples										
TOTAL TESTED										
							45 44	•		
		A				piratory Infe				
			Nu	ımber of ARI	Cases Tested	l for Viral Res	piratory Infe	ection		
Etiologic Agent	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										
Positive Samples										
Negative Samples			·							

Signature:

TOTAL TESTED

Responsible Officer:







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

	Country:		Epidemiologic Week #:													
<del>-</del> †•	Hospital/Clinic:	Week Starting Date:														
	Severe Acute Respiratory Infection (SARI) [This section is to be completed for Hospitals ONLY, 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:		Laboratory Where Sample Sent:									
Ward/ICU:											
E-mail:											
Hospital/Medical Record N	umber:										
Admission Date://	Discharge Date:	// or Date of Death://									
Last Name:	Firs	Name:									
Date of Birth://	Age:	Sex									
Date of Onset of Illness:	/ Epidemi	ologic Week Number:									
Sample taken: Yes 🗌	No <b>□ Date</b>	Sample Taken:/									
•		Sample Taken:/									
Type of sample taken:		•									

### 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
Adenopathies		
Headache		
Myalgia		
Vomiting		
Diarrhea		
Rash		
Epidemiological Profile		
Sporadic case		
Part of cluster		
Part of outbreak		
Animal contact		

Recent Trave	I History: Yes	☐ No☐	Where:	<u></u>
Treatment:	Antivirals	Yes	No 🗌	Туре:
	Antibiotics	Yes	No 🗌	Туре:
Laboratory R	esult: Virology.		<u></u> Bacteri	ology
Final Diagno	sis:			
•				

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



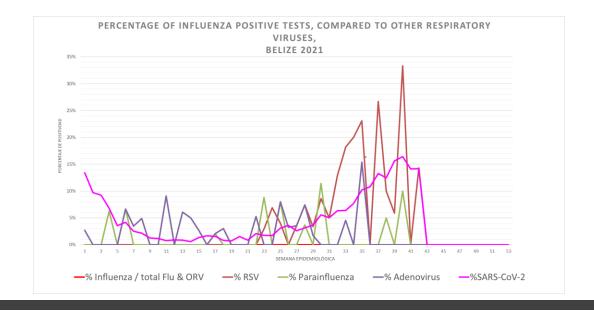
TABS: Country data (sentinel) –
 ARI – Country data non-sentinel
 – Summary Identified virus
 sentinel – Summary Identified
 virus non-sentinel

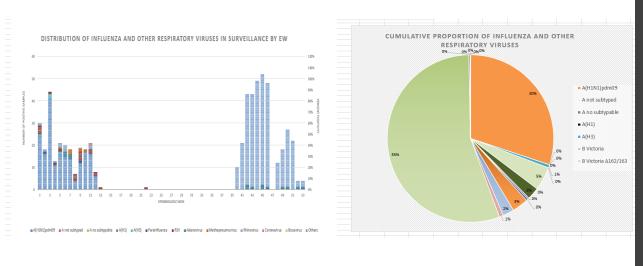


	CARPHA - FluID 2021  Severe Acute Repiratory Infections (SARI) situation by age group and geographic distribution (if available)																																			
			Severe	Acute Re	piratory I	infections				and geog	aphic dist	ribution (if	available)																							
								Country:CA																												
				These are cases of SARI Sentinel Surveillance. Do not include unusual SARI cases.																																
							Totals						Risk f	actors				ICU					SARI	ases by	y age gr	oup (nu	ımerato	or)				Influenz	a positiv	re SARI cas	es by age	group
Country	Year	Epidemiol ogical Veek	Total hospitalizations for any coastes (december)	Total SARI canoni	Total SARI canes with samples	Total SARt cases positive for influenza	Total SARI cuses POSITIVE for SARIS-Co.A.2	Total SARI cases NEGATIVE for SARIS-Colv.2	Curudative ratio realer fervarie SARI positive for SARIE-CoN-2	Total SARI cases positive for RSV	Total SARt cases positive for other respiratory viruses (different from influence, RSV and SARS). Ode-2)	Total BART cares with risk Schins	Total SARI cases with influence vaccine	Total BARR cases with risk botons and positive for influence	Total SARI cases with risk factors and joint ve for SARIS-Cor-2	All IGU advissions for all causes	Total SARI admissions to ICU	Total SARI cares positive for influence in ICU	Total SARt cases positive for SARS-Cov-2 admitted to ICU	Total SARI cases positive for RSV in ICU	<6 month s	6-11 month s	12-23 month s	2-4 Jeans	5-14 gears	15-49 gears	50-64 gears	65 years •	Unknows	c6 months	6-11 months	12-23 months	2-4 gears	5-14 gears	15-49 gears	50-64 gears
Pais_region	Año	SE	Total_hosp	IRAG_oas os_total	IRAG_c_ muestra	IRAB_cas os_influer za	RAG_pos tivos_SA RS-CoV-2	IRAG_neg ativos_SA RS-CoV-2	IRAG_raz on_hom_ muj_SAR	IRAG_oas os_VSR	IRAG_cas os_OVR	Total_IRAG _factores_ri esgo	Total_vaoun a_influenza	Total factores riesgo	Total factores riesgo	Total_UCI	IRAG_U CI	Influenz a_UCI	SARS- CoY- 2_UCI	VRS_U CI	asos_0	IRAG_c asos_0. 5ac1	asos_fa	asos_2	IRAG_c asos_5 at4	IRAG_c asos_15 a49	IRAG_c asos_5 0x64	IRAG_caso s_65mas	IRAG_cap s_desc	RAG_in/po s_0a0.5	IRAG_inipo s_0.5ac1	RAG_inipo s_fac2	IRAG_ini pos_2a4	IRAG_inip os_5aM	IRAG_in/p os_15a49	IRAG_inip os_50a64
Anuba	2021	- 1																																		
Anuba	2021																																			
Anuba	2021																																			
Aruba	2021	4																																		
Anuba	2021	5																																		
Anuba	2021																																			
Anuba	2021	7																																		
Anuba	2021																																			
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Aruba	2021																																			
Aruba	2021																																			
Anuba	2021	20																																		
Anks	2021	24																																-		

 TABS: Weekly National COVID-19 / SARI sentinel – SARI deaths sentinel – ILI sentinel – Pneumonia – ARI

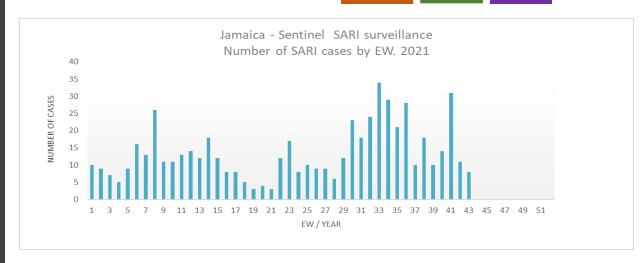
### FluNet: sample graphs within the Excel spreadsheet

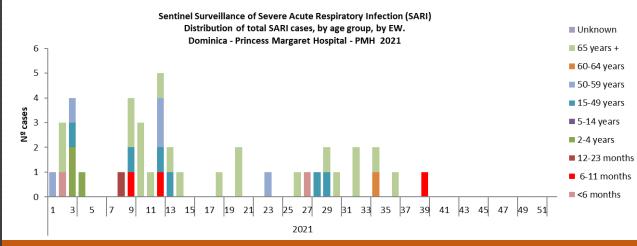




## FluID: sample Graphs within the Excel spreadsheet







## 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@ and 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

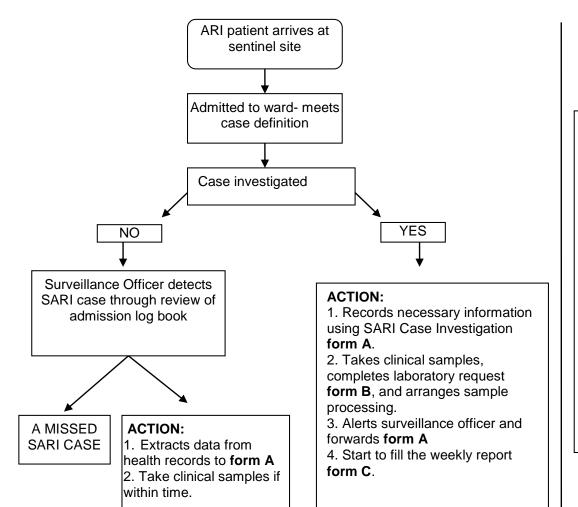
Managing updates

Data completeness



## 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