



Organización  
Panamericana  
de la Salud



Organización  
Mundial de la Salud  
OFICINA REGIONAL PARA LAS Américas

**SARInet**

Red de Infecciones Respiratorias Agudas



# ILI surveillance, using a sentinel provider in Suriname

# SARInet



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Bureau of Public Health (BOG)



# Background



- Population: 541,638<sup>1</sup>
- Surface Area: 163,820 km<sup>2</sup>
- 2-rainy and 2-dry seasons
- 10-districts, 62-resorts
- Capital (and coastal area): most populated – 40% total population
- 5-hospitals: 2 districts
- 3 SARI sentinel sites
- 1ILI site: private primary care clinic in the capital





# Characteristics of the ILI surveillance system

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- 1 private primary care clinic: location in populated area in the capital- 6000 patients registered
- Walk-in's from other districts including the interior
- 3 doctors
- Opening hours: extended - 6 days/ week
  - 8-15 am / 4-10 pm / Saturday: 5 hours open
- Experienced in overall primary care surveillance:
  - ARI and syndromal surveillance/ Chikungunya



# ILI surveillance system activities

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- Weekly ILI cases with case definition:
  - Fever 38° measured, cough, within 10 days of onset; < 10 samples / week
- Student:
  - fills in the forms
  - transports to lab
  - enters data online



# ILI- surveillance:

## dissemination of data by BOG

- Weekly ILI data included in the national report (FLUID): PAHO
- Shared with participating SARI/ ILI- sites, directors health/ RGD/ MM, CARPHA, Fr Guyana: weekly
- Monthly: surveillance meetings
  - Other reports included: syndrome ‘fever and respiratory symptoms’- primary care coastal and interior/ hospitalizations
  - Sari-net- region/ international/ HAI/ Others: Fr Guyana report
- Reactive: outbreaks- advise to vaccinate risk groups reiterated



# ILI- surveillance system challenges

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- Just 1 site: at least 2 to be added from other districts
- Denominators
  - Computerization of clinics : paper based systems/ programs expensive
- Costly
  - Transport of samples
  - Inputs (lab costs)
  - Data entry: denominators



# ILI- surveillance system challenges

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- Dedicated personnel: swab- taking/ forms to be completed/ online data entry/ transport
- Use of data:
  - Prevention messages/ Vaccination/ Therapy
  - Information health professionals/ public
  - Online (data)/ information/ health promotion
- No dedicated flu/ CD-program/ health promotion - program: human resources
- Vaccination program – influenza underdeveloped



# Thank you

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