ILI surveillance, using a sentinel provider in Suriname

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Background

- Population: 541,638
- Surface Area: 163,820 km²
- 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

- 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

• 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

• 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

• 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