# NCD Agenda in the Caribbean SURINAME

## **Global best buys**



## Harmful use of alcohol

- Regulate commercial and public availability of alcohol
- Restrict or ban alcohol advertising and promotions
- Use pricing policies such as excise tax increases on alcoholic beverages



## **Diet and physical activity**

- Reduce salt intake
- Replace trans fats with unsaturated fats
- Implement public awareness programmes on physical activity
- Promote and protect breastfeeding





- Reduce affordability of tobacco products by increasing tobacco excise taxes
- Create by law completely smoke-free environments in all indoor workplaces, public places and public transport
- Warn people of the dangers of tobacco and tobacco smoke through effective health warnings and mass media campaigns
- Ban all forms of tobacco advertising, promotion and sponsorship



### Cardiovascular disease and diabetes

- Drug therapy (including glycaemic control for diabetes mellitus and control of hypertension using a total risk approach) and counselling to individuals who have had a heart attack or stroke and to persons with high risk ( $\geq 30\%$ ) of a fatal and nonfatal cardiovascular event in the next 10 years
- Acetylsalicylic acid (aspirin) for acute myocardial infarction



### Cancer

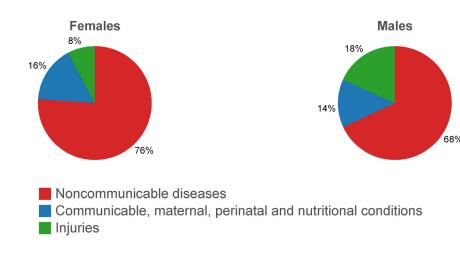
- Prevention of liver cancer through hepatitis B immunization
- Prevention of cervical cancer through screening (visual inspection with acetic acid [VIA] linked with timely treatment of pre-cancerous lesions)





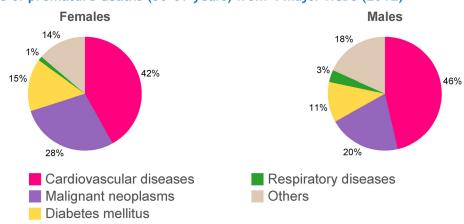
## **Premature Mortality**

Percentage of premature deaths (30-69 years) by groups of causes (2012)



71% of deaths in 30-69 year-old in **Suriname** were caused by NCDs in 2012

## Percentage of premature deaths (30-69 years) from 4 major NCDs (2012)



**59%** of deaths in 30-69 year-old in **Suriname** were caused by the 4 priority NCDs in 2012

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## **Risk Factors**

Prevalence of Behavioural Risk Factors —	
Insufficient Physical Activity <sup>2</sup>	Adults (18+ years):  • Males: No data available  • Females: No data available  • Both: No data available  Adolescents (11-17 years):  • Males: 77.9%  • Females: 83.9%  • Both: 80.9%
Current Tobacco Smoking <sup>3</sup>	<ul> <li>General (15+ years):</li> <li>Males: 57.2%</li> <li>Females: 11.9%</li> <li>Both: 34.6%</li> </ul>
<b>Current Tobacco Use</b> <sup>4</sup>	Youth (13-15 years):  • Males: 20.7%  • Females: 16.6%

## **Prevalence of Biological Risk Factors –**

## Hypertension (18+ years):5

Males: 26.2%Females: 21.9%Both sexes: 24.1%

## Overweight BMI ≥25 Kg/m<sup>2</sup> (18+ years):<sup>7</sup>

Males: 50.1%Females: 60.9%Both: 55.5%

## Diabetes (18+ years):6

Males: 10.4%Females: 11.5%Both sexes: 10.9%

• Both: 19.2%

## Obesity BMI ≥ 30 Kg/m² (18+ years):<sup>7</sup>

Males: 16.5%Females: 30.2%Both: 23.4%

WHO. Global Status Report on NCDs 2014. Geneva, 2014

PAHO. Regional Mortality Information System 2014

PAHO. Tobacco Control Report for the Region of the Americas 2013. Washington, DC, 2013

#### INDICATORS DESCRIPTION

- 1. Age-standardized prevalence of heavy episodic drinking among adolescents and adults, as appropriate, within the national context.
- Age-standardized prevalence of insufficient physical activity.
- 3. Percentage of the adult population who smoked any tobacco product during the past 30 days.
- 4. Percentage of the population 13-15 years old that used at least once, any tobacco product, smoked or smokeless, during the past 30 days.
- 5. Age-standardized prevalence of raised blood pressure among persons aged 18+ years (defined as systolic blood pressure ≥140 mmHg and/or diastolic blood pressure ≥90 mmHg) and mean systolic blood pressure.
- Raised blood glucose (fasting glucose ≥7.0 mmol/l (126 mg/dl) or on medication for raised blood glucose or with a history of diagnosis of diabetes)
- Age-standardized prevalence of overweight and obesity in persons aged 18+ years (defined as body mass index ≥ 25 kg/m² for overweight and body mass index ≥ 30 kg/m² for obesity)

## **Global targets**





1. **25%** relative reduction in the **overall mortality** from cardiovascular diseases, cancer, diabetes, or chronic respiratory diseases.





2. At least **10%** relative reduction in the **harmful use of alcohol**, as appropriate, within the national context.





3. A **10%** relative reduction in prevalence of **insufficient physical** activity.





4. A **30%** relative reduction in mean population **intake of salt/sodium.** 





5. A **30%** relative reduction in prevalence of current **tobacco use**.





6. A **25%** relative reduction in the prevalence of **raised blood pressure** or contain the prevalence of raised blood pressure, according to national circumstances.





7. Halt the rise in diabetes and obesity.



8. At least **50%** of eligible people receive **drug therapy and counselling** (including glycaemic control) to prevent heart attacks and strokes.





9. An **80%** availability of the affordable **basic technologies and essential medicines**, including generics required to treat major noncommunicable diseases in both public and private facilities.