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# STATUS OF ROAD SAFETY IN THE REGION OF THE AMERICAS

**PAHO**



Pan American  
Health  
Organization



World Health  
Organization  
REGIONAL OFFICE FOR THE  
Americas

# Contents



## Regional Reports in the Americas → New Status report 2019

- Road traffic deaths in the Caribbean Region
- Institutional management in the Caribbean Region
- Post-crash care in the Caribbean Region
- Conclusions

PAHO Action Plan on Road safety

# Road Safety Situation in the Americas



- Road traffic deaths represent **11% of road traffic deaths worldwide. 154.997 muertes in the Americas.**
- **The mortality rate from road traffic crashes** remains practically the same (15.9 per 100,000 population in 2013 vs. 15.6 in 2016). →
- **Road traffic deaths** are the second-leading cause of death for **young adults aged 15-29 years**
- The burden of road traffic deaths is higher in **middle-income countries** than high-income countries.

# Regional Reports in the Americas

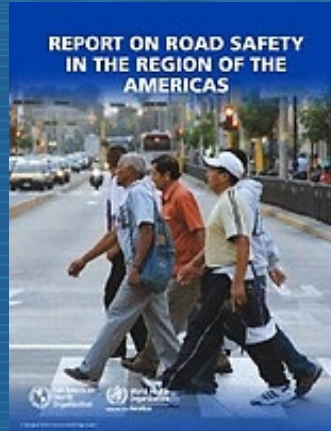


## Previous regional reports in Road Safety:

2009



2015



2016

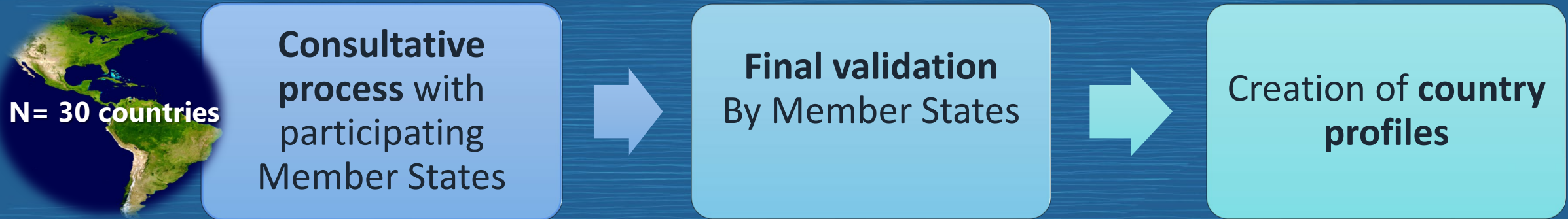


*New*

2019



These Regional Reports aim to provide a situation assessment of road safety measures in the Region and help identify the gaps in national road safety policies.



## Standardized survey

## SECTION A. LEAD AGENCY

1. Is there a government agency or department that takes responsibility for overseeing and/or enforcing the implementation of road safety policies (i.e. a lead agency) in your country (please see instruction below)?

☒ Yes (please write the name of the agency: Ministry of Public Safety Canada (2018))

☐ No (please write the reason for this: \_\_\_\_\_)

☐ No (please write the reason for this: \_\_\_\_\_)

2. Which is the most specialized agency for road safety in your country?

☐ The agency is a single government ministry/department, or divided within one government ministry/department (please write the name of the ministry/department: \_\_\_\_\_)

☐ None exist yet

☐ Other (please specify: Ministry of Transport and Infrastructure)

3. Which of the following bodies is the lead agency responsible for "please tick all that apply")

3.1 Coordination

☐ 1. A coordination of governmental entities/agencies, of all central government level

☐ 2. A coordination of all road safety-related agencies, of all central government level

☐ 3. A coordination of all road safety-related agencies, of all regional, provincial, regional, local level

☐ 4. A coordination of national non-state stakeholders

3.2 Legislation

3.2.1 ☐ Yes

    • Possible review of legislation, rules and standards against best practices, and recommendations for

3.2.2 ☐ Development and/or revision of legislation

3.3 Monitoring and evaluation

3.3.1 ☐ Establishing and carrying out data systems that are used to monitor road safety indicators

3.3.2 ☐ Compilation and dissemination of statistical data

3.4 Other (please specify: \_\_\_\_\_)

3.4.1 ☐ Yes (please specify: Ministry of Transport and Infrastructure, The Bureau of Transportation Statistics, The Canadian Council of Ministers of the Environment, The Canadian Council of Social Development)

3.4.2 ☐ No

3.4.3 ☐ No

3.4.4 ☐ Don't know

4. Is funding allocated in the Government's budget to the lead agency to carry out the functions listed above?

☐ Yes

☐ No

☐ Don't know

2016

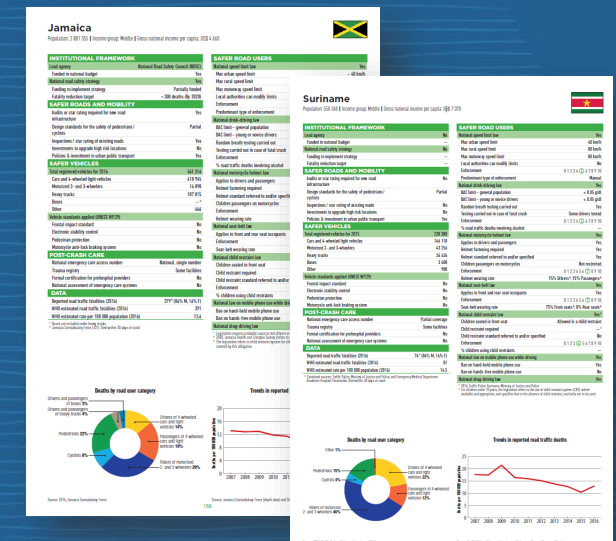
## Estimation of number of fatalities from road traffic crashes

2017

Road safety  
legislation, road  
standards, and post-  
crash care

2018

## Revision of vehicle standards



# Participant Caribbean countries- 2017 Road safety survey



Countries	Population 2018
Antigua and Barbuda	103,050
Barbados	286,388
Belize	382,444
Dominica	74,308
Grenada	108,741
Guyana	782,225
Jamaica	2,898,677
St. Lucia	179,667
Suriname	568,301
Trinidad and Tobago	1,372,598

# Jamaica

Population: 2 881 355 | Income group: Middle | Gross national income per capita: US\$ 4 660



## INSTITUTIONAL FRAMEWORK

Lead agency	National Road Safety Council (NRSC)
Funded in national budget	Yes
National road safety strategy	Yes
Funding to implement strategy	Partially funded
Fatality reduction target	< 300 deaths (By 2020)

## SAFER ROADS AND MOBILITY

Audits or star rating required for new road infrastructure	Yes
Design standards for the safety of pedestrians / cyclists	Partial
Inspections / star rating of existing roads	Yes
Investments to upgrade high risk locations	No
Policies & investment in urban public transport	Yes

## SAFER VEHICLES

Total registered vehicles for 2016	541 316
Cars and 4-wheeled light vehicles	418 945
Heavy trucks	107 815
Buses	— <sup>a</sup>
Other	466

### Vehicle standards applied (UNECE WP.29)

Frontal impact standard	No
Electronic stability control	No
Pedestrian protection	No
Motorcycle anti-lock braking system	No

## POST-CRASH CARE

National emergency care access number	National, single number
Trauma registry	Some facilities
Formal certification for prehospital providers	No
National assessment of emergency care systems	No

## DATA

Reported road traffic fatalities (2016)	379 <sup>b</sup> (84% M, 16% F)
WHO estimated road traffic fatalities (2016)	391
WHO estimated rate per 100 000 population (2016)	13.6

<sup>a</sup> Buses are included under heavy trucks

<sup>b</sup> Jamaica Constabulary Force (JCF). Died within 30 days of crash

## SAFER ROAD USERS

National speed limit law	Yes
Max urban speed limit	~ 48 km/h
Max rural speed limit	~ 80 km/h
Max motorway speed limit	No
Local authorities can modify limits	No
Enforcement	0 1 2 3 ④ 5 6 7 8 9 10
Predominant type of enforcement	Manual
National drink-driving law	Yes
BAC limit – general population	≤ 0.08 g/dl
BAC limit – young or novice drivers	≤ 0.08 g/dl
Random breath testing carried out	Yes <sup>c</sup>
Testing carried out in case of fatal crash	Some drivers tested
Enforcement	0 1 ② 3 4 5 6 7 8 9 10
% road traffic deaths involving alcohol	—

National motorcycle helmet law	Yes
Applies to drivers and passengers	Yes
Helmet standard referred to and/or specified	Yes
Children passengers on motorcycles	Not restricted
Enforcement	0 1 ② 3 4 5 6 7 8 9 10
Helmet wearing rate	6% Drivers, 2% Passengers <sup>d</sup>

National seat-belt law	Yes
Applies to front and rear seat occupants	Yes
Enforcement	0 1 2 ③ 4 5 6 7 8 9 10
Seat-belt wearing rate	54% Front seats <sup>d</sup> , 4% Rear seats <sup>d</sup>

National child restraint law	Yes <sup>e</sup>
Children seated in front seat	Not restricted
Child restraint required	— <sup>e</sup>
Child restraint standard referred to and/or specified	Yes
Enforcement	0 1 ② 3 4 5 6 7 8 9 10

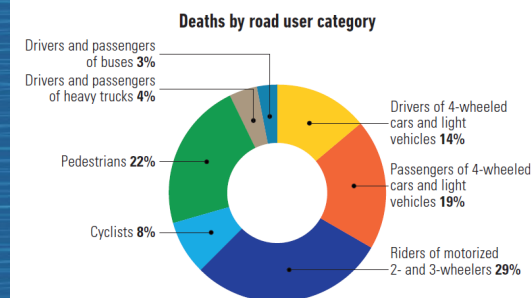
% children using child restraints	—
National law on mobile phone use while driving	No
Ban on hand-held mobile phone use	—
Ban on hands-free mobile phone use	—
National drug-driving law	Yes

<sup>c</sup> Legislation requires probable cause to test drivers or commission of a traffic offence

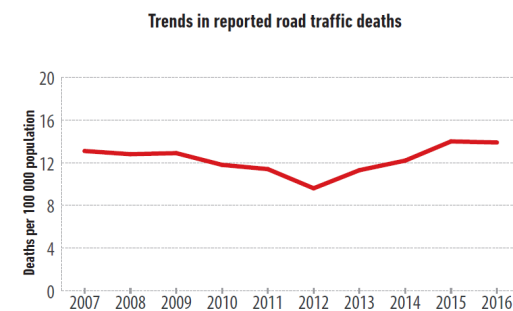
<sup>d</sup> 2008, Jamaica Health and Lifestyle Survey (refers to use always or most times)

<sup>e</sup> The legislation refers to child restraint system for children but does not specify the age/height group covered by this obligation

# Country profiles

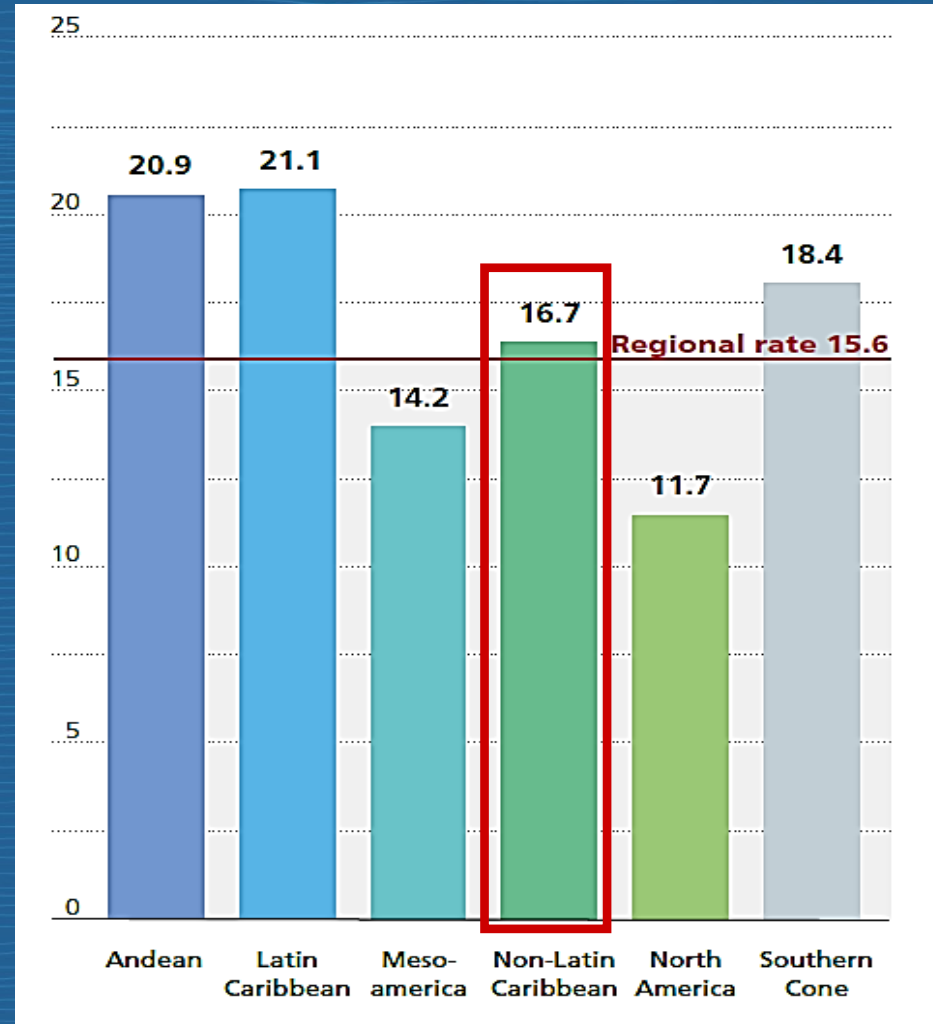


Source: 2016, Jamaica Constabulary Force



Source: Jamaica Constabulary Force (death data) and Statistical Institute of Jamaica (population data).

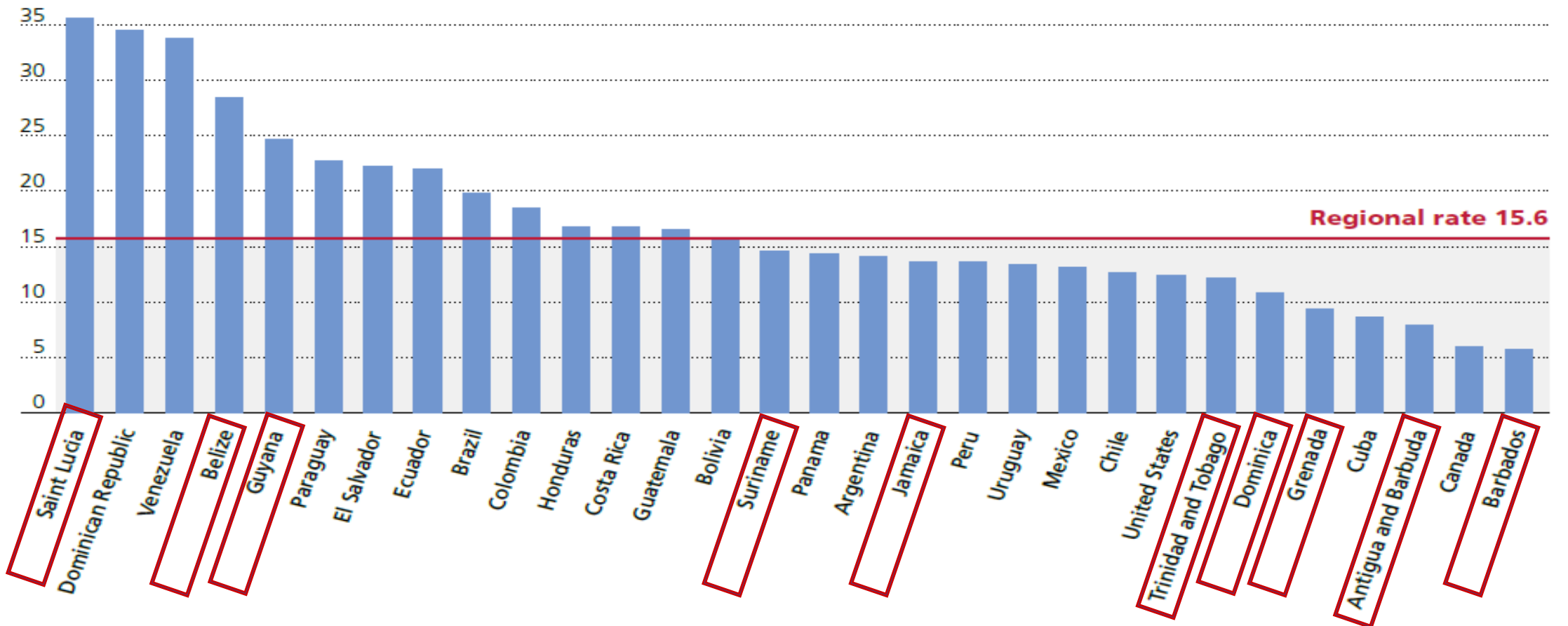
# Estimated road traffic rate (per 100,000 population), by subregions, 2016



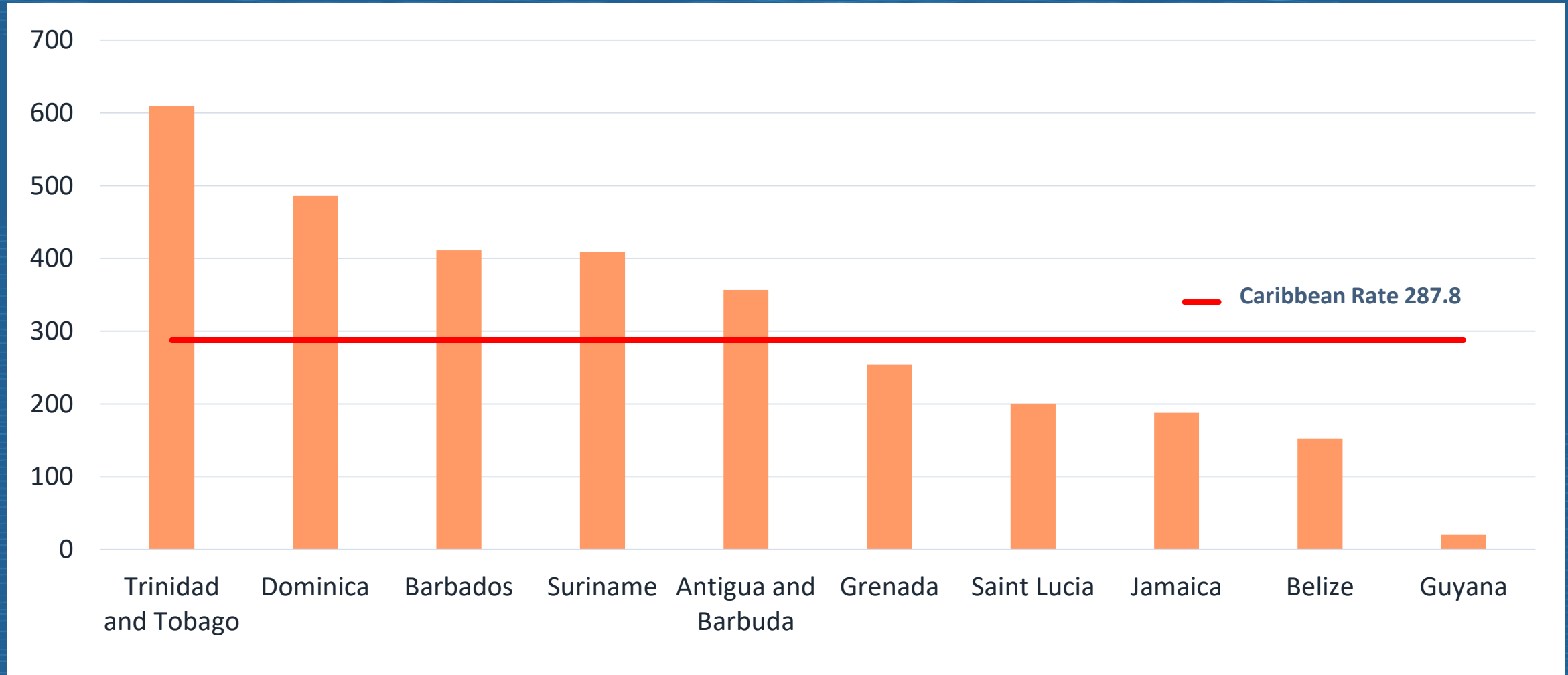
# Estimated road traffic death rates (per 100,000 population), by countries, Region of the Americas, 2016



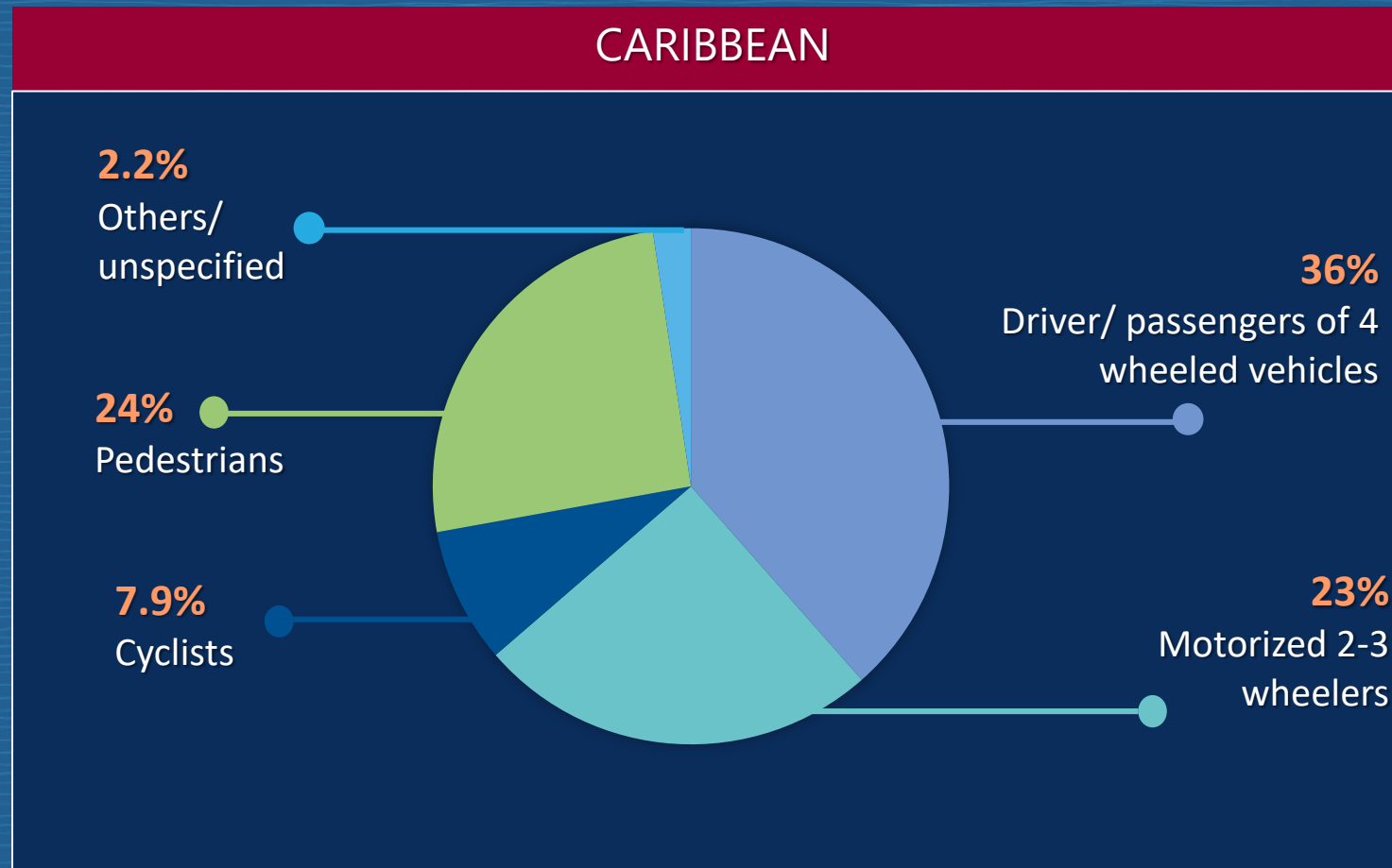
## REGIONAL



# Registered vehicle rate (per 1,000 population), by Caribbean country, 2016



# Proportion of estimated road traffic deaths, by road user type in the Caribbean, 2016



# Institutional management in the Caribbean



**Effective government  
leadership**



	Lead Agency	Agency funded	National road safety strategy	Strategy funded
Antigua and Barbuda	Yes	No	No	—
Barbados	Yes	No	No	—
Belize	Yes	Yes	Yes	Partially
Dominica	Yes	No	No	—
Grenada	Yes	Yes	No	—
Guyana	Yes	Yes	Yes	Partially
Jamaica	Yes	Yes	Yes	Partially
Saint Lucia	Yes	Yes	No	—
Suriname	No	—	No	—
Trinidad and Tobago	Yes	No	Yes	Partially

# Post-crash care in the Caribbean



**Antigua and Barbuda**

**Barbados**

**Belize**

**Dominica**

**Grenada**

**Guyana**

**Jamaica**

**Saint Lucia**

**Suriname**

**Trinidad and Tobago**

Universal access telephone number	Trauma registry	National emergency care system
National, single number	—	No
National, multiple number	National	No
National, single number	None	No
National, single number	None	No
National, single number	None	No
Partial coverage	None	No
National, single number	Some facilities	No
National, single number	—	No
Partial coverage	Some facilities	No
National, multiple numbers	Some facilities	No



# Conclusions

- There is a **growing burden of road traffic fatalities in 15 countries** in the Region.  
→ Antigua and Barbuda, Belize, Guyana, Jamaica, Saint Lucia.
- **Motorcyclists, pedestrians, and cyclist represent the 55%** of all road traffic deaths in the Caribbean.
- **Data on road traffic injuries mortality and morbidity** deserves more attention and more work to improve quality.
- It is essential to focus on improving effectiveness, coordination role and budget of **lead agency**
- Countries need to **improve access to emergency care, hospital and rehabilitation services** – better integration with health systems.

# Thank you for your attention!

Access to the Regional Report:

<http://iris.paho.org/xmlui/handle/123456789/51088>

