# BRAZIL

Population: 191 790 929

Income group: Middle

Gross national income per capita: \$5 910

INSTITUTIONAL FRAMEWORK						
Lead agency Funded in national budget	National Traffic Department (DENATRAN) Yes					
National road safety strategy Measurable targets	n/a					
Funded	n/a					

NATIONAL LEGISLATION						
<b>Speed limits set nationally</b> Local authorities can set lower limits Maximum limit urban roads Enforcement <sup>a</sup>	0	1	2	3	4	Yes Yes 60–80 km/h 5 67 8 9 10
Drink-driving law BAC limit – general population BAC limit – young or novice drivers Random breath testing and/or police checkp Road traffic deaths involving alcohol Enforcement <sup>a</sup>			2	3	4	Yes 0.02 g/dl 0.02 g/dl Yes  5 67 8 9 10
Motorcycle helmet law Applies to all riders Helmet standards mandated Helmet wearing rate Enforcement <sup>a</sup>	0	1				Yes Yes Yes ront, 11% Rear 5 678 9 10
Seat-belt law Applies to all occupants Seat-belt wearing rate Enforcement <sup>a</sup>						Yes Yes 60% <sup>♭</sup> 5 <b>6</b> 7 8 9 10
Child restraints law Enforcement <sup>a</sup>					<u> </u>	<b>Yes</b> )5678910

<sup>a</sup> Enforcement score represents consensus based on professional opinion of respondents, on a scale of 0 to 10 where 0 is not effective and 10 is highly effective.

<sup>b</sup> Data from Society of Orthopedics and Traumatology.

#### **VEHICLE STANDARDS** Car manufacturers required to adhere to standards on Fuel consumption No Seat-belt installation for all seats No **ROAD SAFETY AUDITS** Formal audits required for major new road construction projects No Regular audits of existing road infrastructure No **PROMOTING ALTERNATIVE TRANSPORT** National policies to promote walking or cycling Yes National policies to promote public transportation Yes

POST-CRASH CARE	
Formal, publicly available pre-hospital care system	Yes
National universal access number	Yes

### DATA

Reported road traffic fatalities (2006) 35 155° (82% males, 18% females)

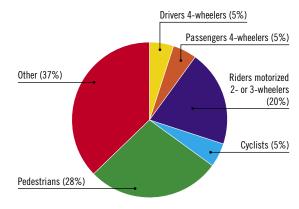
Reported non-fatal road traffic injuries (2006) 407 685<sup>d</sup>

Costing study available Yes (deaths and injuries)

<sup>c</sup> Health data (Mortality Information System), defined as died anytime after

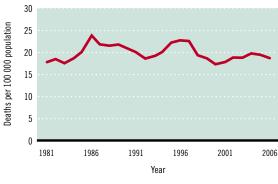
the crash.  $^{\rm d}$  State Traffic Departments, National Traffic Department, Ministry of Cities data.

# DEATHS BY ROAD USER CATEGORY



Source: 2006, Ministry of Health Mortality Information System

# TRENDS IN ROAD TRAFFIC DEATHS



Source: Ministry of Health Mortality Information System

REGISTERED VEHICLES	
49 644 025 total (2007)	
Motorcars	61%
Motorized 2- and 3-wheelers	22%
Minibuses, vans, etc. (seating <20)	<1%
Trucks	10%
Buses	4%
Non-motorized vehicles	1%
Other	2%