



MINISTRY OF INFRASTRUCTURE, PORT SERVICES & TRANSPORT

ROAD SAFETY IN SAINT LUCIA

Presented by

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Introduction

- There are four (4) main modes of travel:

- road

- rail

- air

- marine;

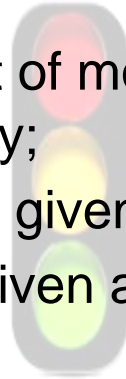


- Travel by road puts people at the greatest risk of injury per kilometer travelled. (World Report on Road Traffic Injury Prevention, 2004)



Risk Factors to Road Traffic

- Risk is a function of four (4) elements in Road Traffic:
 - Exposure – the amount of movement by different users in a given population density;
 - Probability (of a crash), given a particular exposure level;
 - Probability (of injury), given a crash;
 - Outcome of injury
- Risk can therefore be explained by human error, kinetic energy, tolerance of the human body and post-crash care;
- Saint Lucia has approximately 55,000 registered motor vehicles.



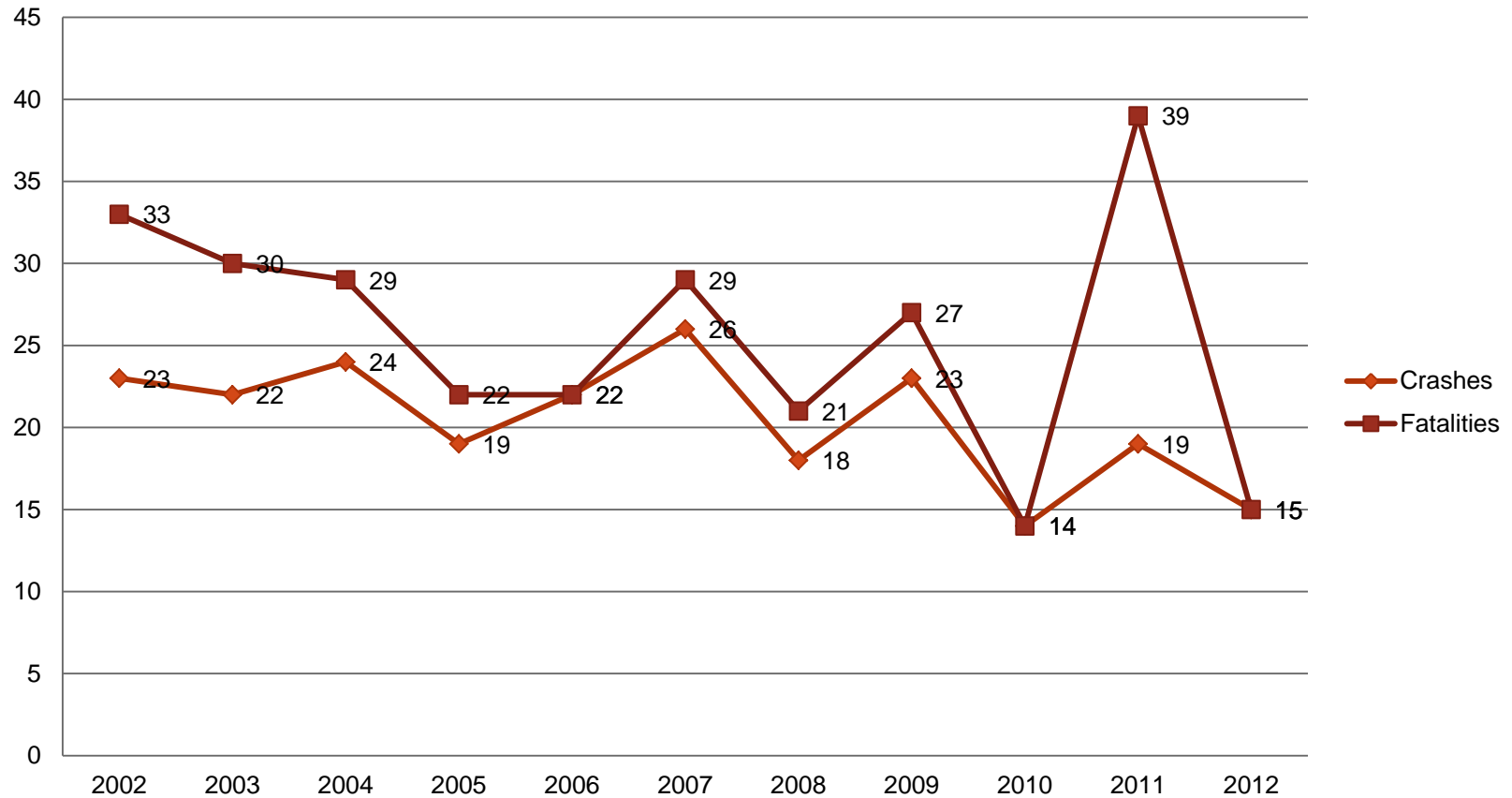
“Road Safety is NO Accident!”

(WHO World Report on Road Traffic Injury Prevention, 2004)

- Motor Vehicle “accidents” have historically been viewed as random events which are inevitable outcomes of road transport systems.
- The term “accident” gives the impression of inevitability and unpredictability. Road crash or collision is the acceptable term;
- A road traffic death is defined as died within 1 year of the crash;
- Road traffic crashes and injuries are preventable – control speed, control alcohol consumption, use seatbelts and helmets, control use of electronic devices.

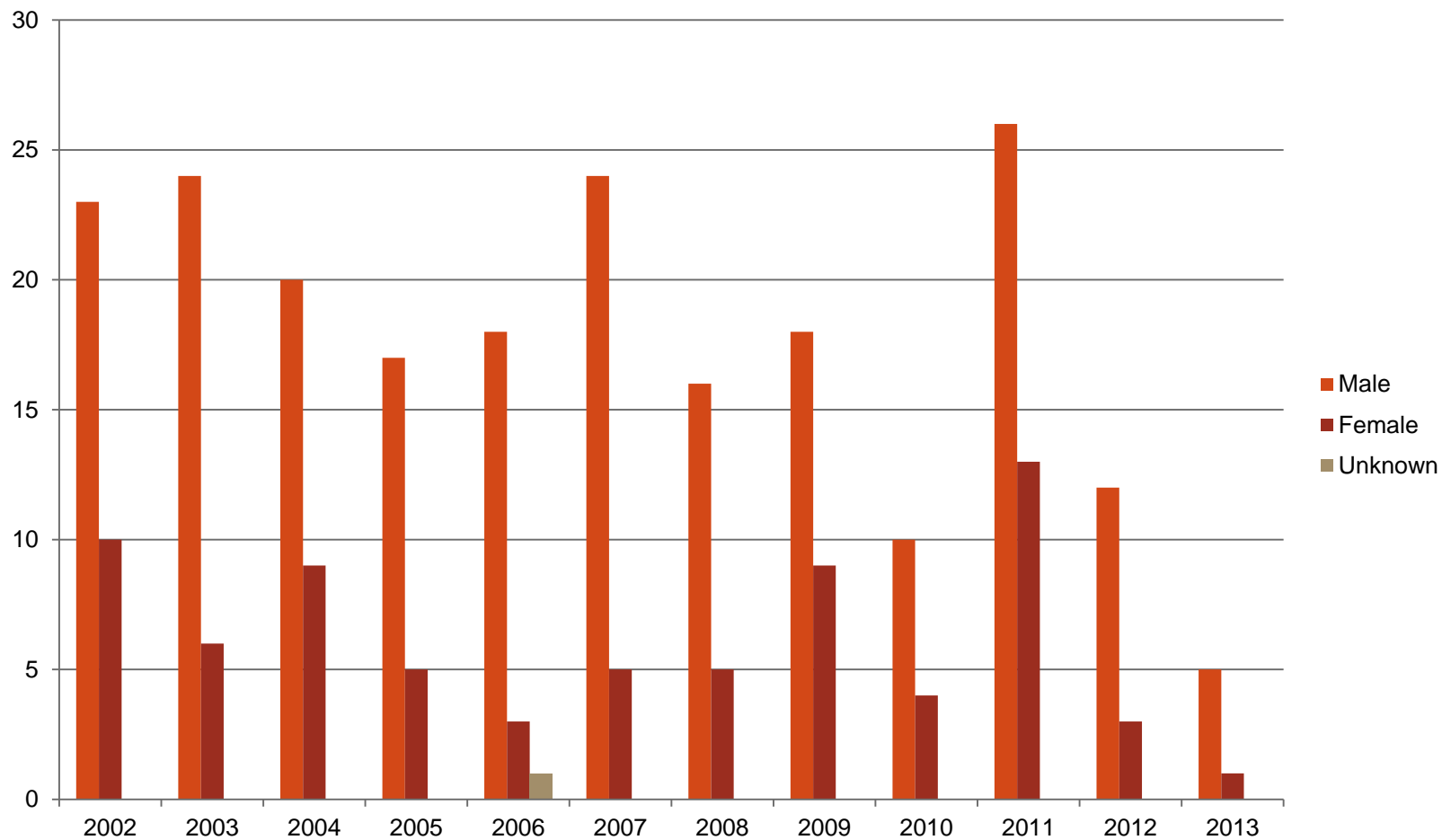
Risks of Road Traffic

Saint Lucia Road Fatalities: 2002 - 2012



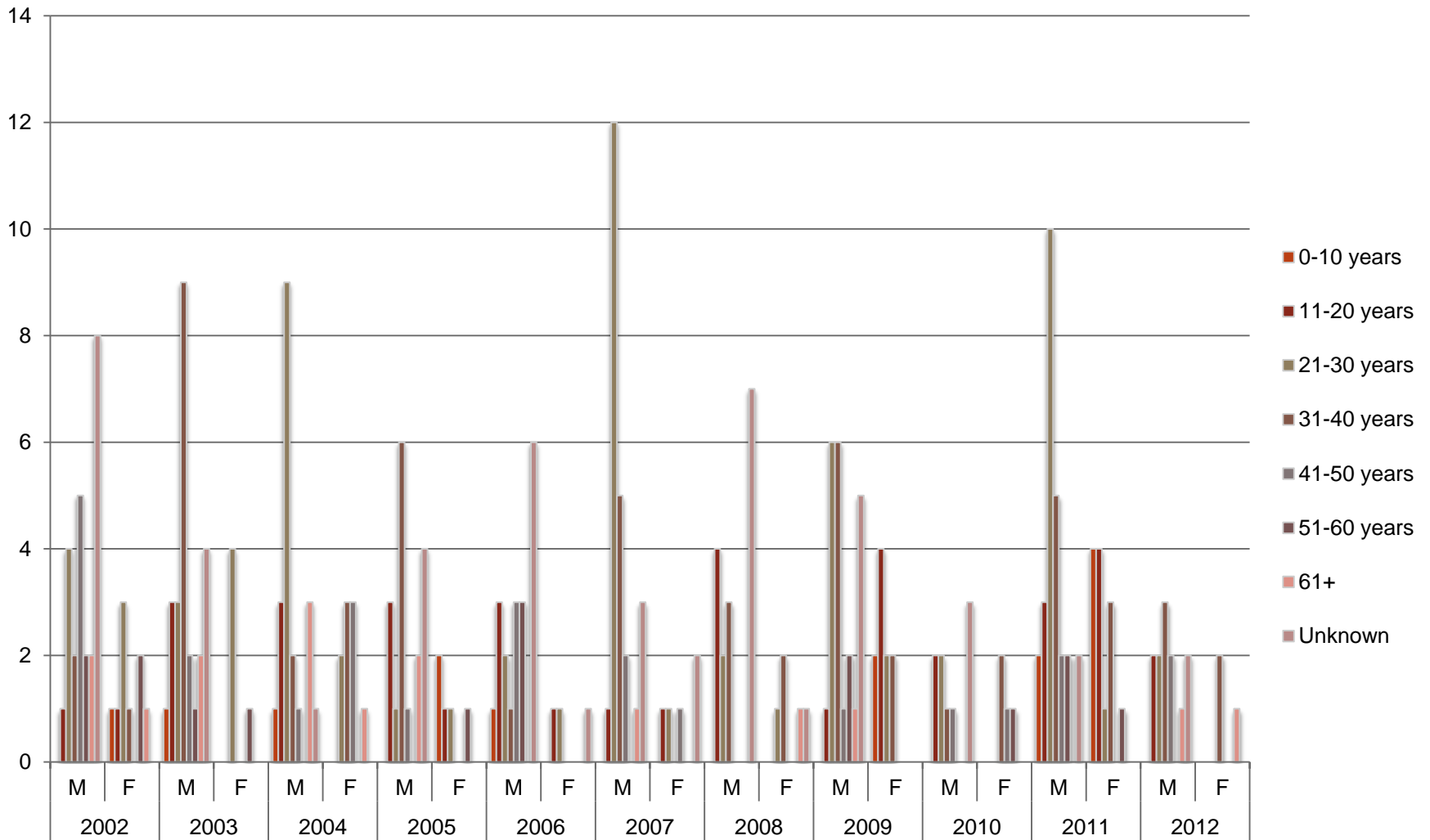
Source: Traffic Department (RSLPF) , 2013

Fatalities by Gender



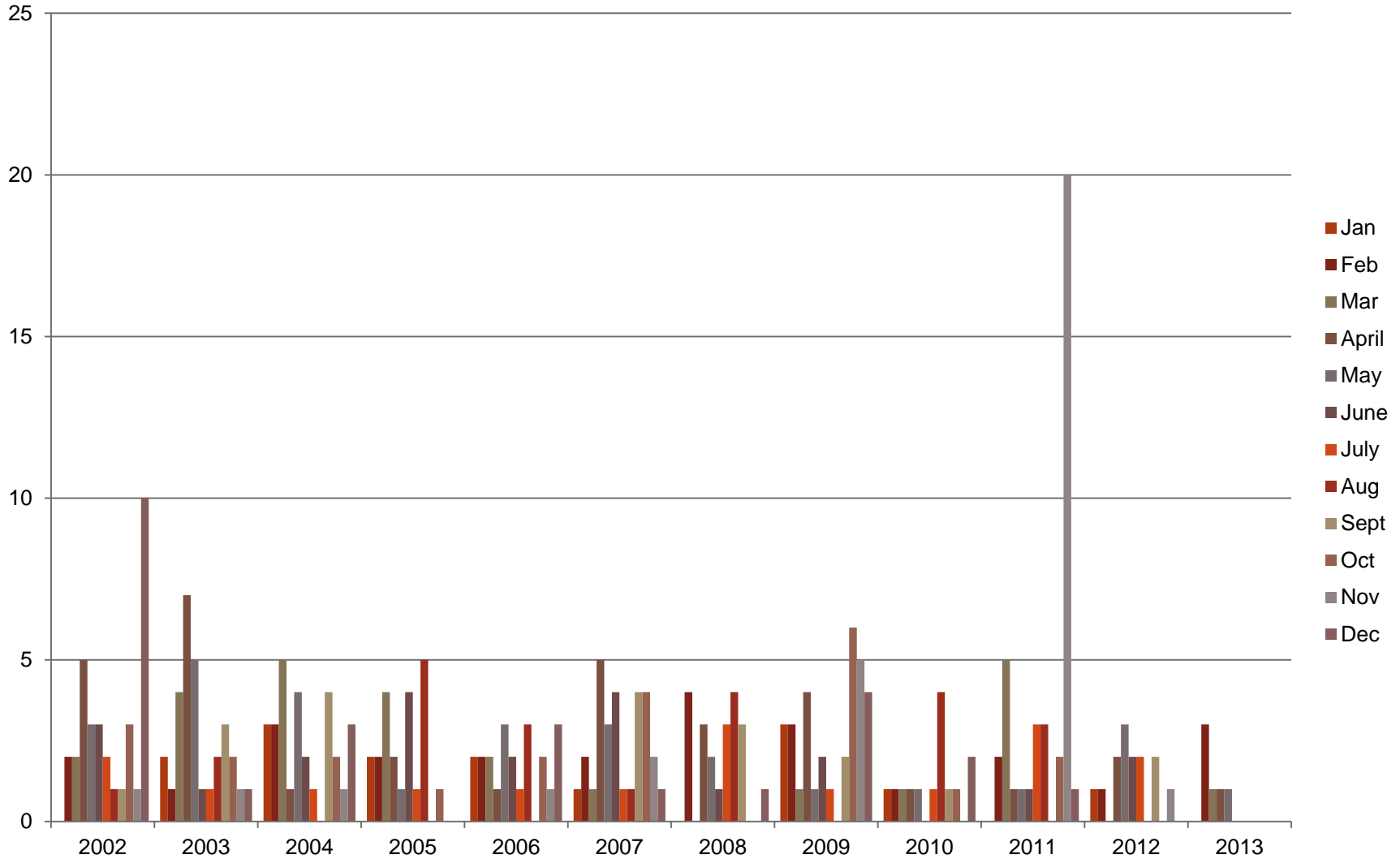
Source: Traffic Department (RSLPF), 2013

Fatalities by Age



Source: Traffic Department (RSLPF) 2013

Fatalities by Month



Source: Traffic Department RSLPF, 2013

Crash Hotspots – 2002 to 2012

- Castries/Gros Islet Highway – 42
- Bexon Highway – 18
- Millenium Highway – 12
- Micoud/Vieux Fort Highway - 18

The Way Forward...



- Design and implement a Road Safety Data System which will capture a number of data elements related to road safety and crashes (Crash, Road, Vehicle, Person Data)
- Road Crash Mapping
- Formulation of a National Road Safety Policy
- Formulation of Road Safety Campaigns which focus on:
 - Driver Behavior
 - Motor Vehicle Safety/Roadworthiness of Vehicles
 - Road Infrastructure

Driver Education/Behavior

(The Human Element)

- Medical Fitness to operate a motor vehicle;
- Aptitude for Learning/Learning Style;
- Obedience to principles of driving;
- Quality of driving instruction
- Pedestrian behaviour;



Roadworthiness of Vehicles

(The Mechanical Element)

- “Crashworthiness” of vehicle design
- Safety features of vehicles;
- Quality of Inspection done by approved garages;
- Enforcement of Roadworthiness standards;



Road

Infrastructure/Engineering (The Physical Element)

- Integration of Road Safety into the Planning, Design and Construction of Roads (forgiving roads);
- Installation of Road Furniture;
- Application of consistent internationally accepted standards for road markings.



What Can We Do?

