TRINIDAD & TOBAGO POLICE SERVICE
STRATEGIC ROAD SAFETY PROJECT
Despite the increased availability and promotion of information, knowledge, and policy recommendations on road safety, little has changed since the Pan American Health Organization (PAHO) published its previous report on road safety three years ago. The mortality
START HERE!
Social norms are the informal rules that govern behavior in groups and societies.....
### Institutional Framework

**Lead agency:** National Road Safety Council, Ministry of Works and Transport

- **Funded in national budget:** No
- **National road safety strategy:** Yes
- **Funding to implement strategy:** —
- **Fatality reduction target:** —

### Safer Roads and Mobility

**Audits or star rating required for new road infrastructure:** Partial

- **Design standards for the safety of pedestrians / cyclists:** Yes
- **Inspections / star rating of existing roads:** —
- **Investments to upgrade high risk locations:** No
- **Policies & investment in urban public transport:** Yes

### Safer Vehicles

**Total registered vehicles for 1996-2015:** 831,803

- **Cars and 4-wheeled light vehicles:** 378,584
- **Motorized 2- and 3-wheelers:** 4,736
- **Heavy trucks:** 96,612
- **Buses:** 431
- **Other:** 351,440

**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, multiple numbers

**Trauma registry:** Some facilities

**Formal certification for prehospital providers:** No

**National assessment of emergency care systems:** No

### Data

**Reported road traffic fatalities (2016):** 135 * (76% M, 24% F)

**WHO estimated road traffic fatalities (2016):** 165

**WHO estimated rate per 100,000 population (2016):** 12.1

* Trinidad and Tobago Police Service. Died within a year of crash

### Safer Road Users

**National speed limit law:** Yes

- **Max urban speed limit:** 50 km/h
- **Max rural speed limit:** 80 km/h
- **Max motorway speed limit:** No
- **Local authorities can modify limits:** No

**Enforcement:** 0123 456789 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*
- **Testing carried out in case of fatal crash:** All drivers tested

**Enforcement:** 0123 456789 10

**% road traffic deaths involving alcohol:** —

**National motorcycle helmet law:** Yes

- **Applies to drivers and passengers:** Yes
- **Helmet fastening required:** No
- **Helmet standard referred to and/or specified:** Yes
- **Children passengers on motorcycles:** Not restricted

**Enforcement:** 0123 456789 10

- **Helmet wearing rate:** —

**National seat-belt law:** Yes

- **Applies to front and rear seat occupants:** No

**Enforcement:** 0123 456789 10

**Seat-belt wearing rate:** —

**National child restraint law:** Yes

- **Children seated in front seat:** Prohibited under 5 yrs
- **Child restraint required:** Up to 5 yrs
- **Child restraint standard referred to and/or specified:** Yes

**Enforcement:** 0123 456789 10

**% children using child restraints:** —

**National law on mobile phone use while driving:** Yes

- **Ban on hand-held mobile phone use:** Yes
- **Ban on hands-free mobile phone use:** No

**National drug-driving law:** Yes

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Source: 2016, Trinidad and Tobago Police Service

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Source: Trinidad and Tobago Police Service

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Source: Trinidad and Tobago Police Service

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Source: Trinidad and Tobago Police Service
Road Traffic Deaths & Fatal Road Traffic Accidents
Trinidad & Tobago 2008–2018

# ROAD TRAFFIC DEATHS
# FATAL RTAs

Linear (# ROAD TRAFFIC DEATHS)

<table>
<thead>
<tr>
<th>Year</th>
<th>Road Traffic Deaths</th>
<th>Fatal RTAs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>262</td>
<td>233</td>
</tr>
<tr>
<td>2009</td>
<td>222</td>
<td>192</td>
</tr>
<tr>
<td>2010</td>
<td>206</td>
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<td>2011</td>
<td>181</td>
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<td>114</td>
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<td>2017</td>
<td>105</td>
<td>106</td>
</tr>
<tr>
<td>2018</td>
<td>115</td>
<td>104</td>
</tr>
</tbody>
</table>
2018 Road Traffic Accident Fatalities classed by Road User

Drivers 40%
Pedestrians 33%
Passengers 14%
Pedal Cyclists 8%
Bikers 5%

- Drivers
- Pedestrians
- Passengers
- Pedal Cyclists
- Bikers
Main Contributing Factors to Fatal Road Traffic Crashes in Trinidad & Tobago 2018

- Alcohol: 30%
- Speeding: 55%
- Red Light Running: 5%
- No Seatbelt: 7%
- Other: 3%

Legend:
- Yellow: Alcohol
- Red: Speeding
- Green: Red Light Running
- Purple: No Seatbelt
- Blue: Other
Importance of Roadway Safety in National Policing Operations

- Roadway & traffic safety management is a key area of law enforcement in maintaining public safety. (IACP, 2003)

- Road policing strategies form an essential part of a national injury and harm reduction system which include areas of both prevention and response. (ACPO, 2011)

- It is also a primary method of criminal intelligence, deterrence and interdiction via transit surveillance. (US NIJ –DDACTS, 2010)
“Most drivers are not criminals..but most criminals are drivers..”

“My traffic patrol units arrest more criminals every year than my entire CID……” Commissioner of Police, London Metropolitan Police

Ted Bundy  
Timothy McVeigh  
David Berkowitz  
Mohammed Salameh  

Small things lead to big things....
The United Nations Decade of Action for Road Safety: 2011–2020
On May 11th 2011, the TTPS partnered with local road safety NGO Arrive Alive for the global launch of the UN Decade of Action for Road Safety in Trinidad & Tobago.
UN 5 Pillars to Support Effective Road Safety Interventions

- **Pillar 1**: Road safety management
- **Pillar 2**: Safer roads and mobility
- **Pillar 3**: Safer vehicle
- **Pillar 4**: Safer road users
- **Pillar 5**: Post-crash response

**T.T.P.S.**
Challenges

- TTPS by design was never institutionally responsible for MVRTA enforcement.

- Governments never budgeted for active road safety education nor roadway safety auditing.

- Exponential increase (over 100% in 7 years) in motor vehicle population left law enforcement agencies without adequate resources for road policing.

- Institutional challenges of the Licensing Authority has now placed MVRTA enforcement almost squarely on the shoulders of the TTPS.
In 2011, the TTPS developed and actioned its first National Policing Strategic Plan “Agenda for Change”, in which it identified road traffic collisions as one of the leading sources of harm and threat to public safety in the country.
STRATEGIC GOAL #2
Improve Traffic Control & Safety on Our Roadways & in Other Public Places

- IMPROVED POLICE VISIBILITY, ACCESSIBILITY & ENFORCEMENT
- REDUCE FATAL & SERIOUS ROAD TRAFFIC ACCIDENTS
- ENHANCE SAFETY USING ICT
- ENHANCE SAFETY AT TOURIST SITES AND MAJOR EVENTS
- Expanded "iRoadsafe" Education and Awareness Campaign
- Reduced Number of Police Vehicle Collisions

Expanded "iRoadsafe" Education and Awareness Campaign
Reduced Number of Police Vehicle Collisions
Enhance Safety Using ICT
Reduction of Fatal & Serious Road Traffic Accidents
Enhance Safety at Tourist Sites and Major Events
Strategic Goal #2: Improve Traffic Control & Safety on Our Roadways & in Other Public Places
THE TTPS ROADWAY SAFETY STRATEGIC PLAN

TTPS Strategic Objective 4.0
Improve Roadway Safety

Application Levels

Intervention Areas

Developmental Areas

TTPS Strategic Road Safety Project

ENFORCEMENT
MVRTA

EDUCATION
MVRTA
Safe Road Use & Best Practices

EMERGENCY RESPONSE
Collision Response

COLLABORATION
Interagency and interoperability building

SAFER VEHICLES
Improve Fleet Management System

SAFER DRIVERS
Driving Safety Standards

SYSTEM MANAGEMENT
Education & Enforcement of Standards

TTPS OPERATIONS
Road Policing

TTPS OPERATIONS
Policy & Procedures Training & Equipment

TTPS ROAD SAFETY UNIT
(TB/HP)
National Road Safety Council - Government Lead Agency

TTPS TRANSPORT DIVISION & VMCOTT
Review Police Fleet Standing Orders, Policies & Procedures

TTPS ROAD SAFETY UNIT
(TB/HP)
Systems Monitoring

POLICE TRAINING ACADEMY
Curriculum Development, Training Matrix

TTPS ROAD SAFETY UNIT
(TB/HP)
Collision Review Committee
Road Safety Legislation in Trinidad & Tobago
(Motor Vehicles & Road Traffic Act)

- Seatbelts  *(Section 43A)*
- Child Seats  *(Section 43D)*
- Vehicle Inspection Programme  *(Regulation 27(1))*
- Alcohol (DUI)  *(Section 70A1)*
- Speed Limits & Speed Enforcement  *(Section 62)*
- Distracted Driving  *(Mobile Phone Use Regulations)*
- Mandatory Helmet Use  *(Section 43(1))*
- Mandatory Driver Training System  *(Section 47)*
L.I.M.E.R Principle

- L—Lead
- I—Inspire
- M—Motivate
- E—Empower
- R—Reward
IDENTIFY YOUR CHANGE AGENTS

- Get the buy in from the Commissioner of Police

- If none, let the instructions come from above...Prime Minister, Minister of National Security to formulate a plan of action

- Collaborate with developing and action the plan so the police see you as an asset not enemy

- What resources can be leveraged? Vehicles, computers, printers, lunch, dinner vouchers

- Target pilot, high risk corridor, Enforce, Monitor then Evaluate
Public Safety and Traffic Enforcement Branch – Redefining Policing

NATIONAL SECURITY  OCTOBER 22, 2018  WRITTEN BY: ALECIA SMITH

Story Highlights

Seeing the congestion first-hand, police officers from the Jamaica Constabulary

It was around 9 o’clock on a Tuesday morning and traffic was gridlocked at the intersection of West King’s House Road and Constant Spring Road.
30 Traffic & Highway Patrol officers attended the International Road Federation (IRF) Conference on Road Safety which was held at the Hyatt Hotel from May 5\textsuperscript{th}–9\textsuperscript{th} 2014. The officers received training and awareness in Road Safety Auditing, Road Safety Data Management, Roadway Safety Engineering, Graduated Driver Programmes, UN Decade of Action for Road Safety and Traffic Enforcement Technology.
Critical Traffic Enforcement Tools for Roadway Risk Reduction

- TRAINED AND MOTIVATED OFFICERS
- BREATHALYSERS
- SPEED ENFORCEMENT DEVICES
- HIGH VISIBILITY ROAD POLICING
- PUBLICATION OF PROSECUTION
  (e.g. DUI Convictions, tickets and offences issued in traffic enforcement exercises)
Device Procurement & Equipment Selection

- U.S.– International Association of Chiefs of Police (IACP) Conforming Products List (CPL)
- U.K.– Home Office Type Approval
- Best practice ensure you have a local agent for support
CERTIFICATE OF VEHICLE SPEED MEASUREMENT

Operator Name: Officer Joe Brown
Operator ID: 23456

Operator Name: Officer Joe Brown
Operator ID: 23456

Measured Speed: 31 km/h (APP)
Measured Distance: 54.8 m
Speed Limit: 1 km/h
Capture Speed: 1 km/h

Street Name: Whiteheath Road
Latitude: 10° 28' 31.34" N
Longitude: 63° 28' 26.07" W

PC Dan Ahmed
Signature of Speed Measuring Device Operator
Targeting Alcohol Impaired Driving

- Special purpose dedicated team of officers for deterrence and detection of alcohol impaired driving risk on the roadway.
- Teams deploy Friday to Sunday (10:00pm–4:00am) and for special activities e.g. Carnival and long weekends.
- Unit adopts a zero tolerance approach in their operations and publishes arrests via Corporate Communications Unit.
D.U.I Task Force Unit(s)
D.U.I Laws in Trinidad & Tobago

DRUNK DRIVING
OVER THE LIMIT
35 micrograms of alcohol per 100ml of breath
UNDER ARREST

Any person driving, attempting to drive or in charge of a motor vehicle with a breath alcohol level over the prescribed legal limit of 35 micrograms of alcohol per 100 milliliters of breath commits an offence.

Breath Alcohol Concentration (BrAC) Levels:

12 fl oz of regular beer  5 fl oz of table wine or milk based drink  1 5 fl oz shot of 80-proof spirits
("hard Liquor"- whiskey, gin, rum, vodka, tequila, etc)

about 5% alcohol  about 12%-17% alcohol  about 40% alcohol

The percent of “pure” alcohol, expressed here as alcohol by volume (alc/vol), varies by beverage.
Without Fear of Favour

Judge on DUI charge pleads not guilty

by Derek Aohon 337 days ago

T&T Minister charged with failing to take a breathalyser test

Dec 13, 2012 News Comments Off

...nine days after DPP’s instructions

Trinidad Express – Nine days after Director of Public Prosecutions Roger Gaspard instructed police to charge former government minister Collin Partap with failing to take a breathalyser test, police have acted.

Acting Commissioner of Police Stephen Williams at a media briefing at Police Headquarters, Port of Spain yesterday morning, said there was no delay on his part to act.
Quality Assurance Procedures

- Calibration Checks
- Documentation
- Officer Certification
- Officer Competence
- Supervision of Exercises
- Templates for Standardisation
- Care and Maintainance of Equipment
- Refresher Training
High Visibility Road Policing

- Introduction of UK styled Full Battenberg Police Vehicle Livery
- Limited to Highway Patrol and Rapid Response Fleet
- Data Driven, Targeted Patrol Deployment
$90m in fines for errant drivers
ROADWAY SURVEILLANCE UNIT (RSU)

TTPS Roadway Surveillance Unit (RSU)

- Highway Policing Operations Coordination & Evaluation
- TTPS (Vehicle & Driving Safety Standards (VDSS) Enforcers
- Specialist Collision Investigative Unit
- Collision & Ticketing Data Analysis for Operational Planning and Evaluation (CAPA) representative
- National Road Safety Council support representative (Operations & Education)
UN WHO World Report on Road Traffic Injuries (2004) concluded that education initiatives on road safety were able to positively influence behavior, especially when used *in conjunction with supporting legislation and law enforcement efforts.*

Elvik, Vaa, Hoye, Erke, & Sorensen, (2009) conducted a meta-analysis on the effectiveness of road safety campaigns and concluded that the effects of mass media campaigns alone are small (+ or – 1%) in reducing road collisions *but when measures such as supporting enforcement and engineering elements are added to the programme, reductions ranging from 10–39% have been reportedly experienced in countries.*
Education & Outreach

iRoadsafe
Because Road Safety Begins With Me!
Investing in Prevention

- VOLUNTARY TESTING EXERCISES AT MAJOR EVENTS
Recognizing Excellence in Road Traffic Safety

On Wednesday 29th June, 2016 the Ministry of Works and Transport (MOWT) in collaboration with BHP Billiton Trinidad and Tobago (main sponsor) and Arrive Alive, hosted a Traffic Safety Awards Ceremony in honour of nineteen (19) of the nation’s finest exemplars in road safety awareness and enforcement.

The awardees, who would have achieved outstanding performance in their line of duty and commitment to road safety in Trinidad and Tobago for 2015, included officers from the Ministry of Works and Transport, as well as, various divisions of the Trinidad and Tobago Police Service, the Trinidad and Tobago Fire Service and the Emergency Medical Services of Trinidad and Tobago.

Special awards were also presented to Commissioner of Police (Ag.), Stephen Williams, for his leadership in road safety and President of Arrive Alive, Mrs. Sharon Inglefield, for her commitment to road safety.

Standing from left to right are: N. Ramsingh (MOWT), PC P. Mohammed, Sgt. D. Cadette, PC K. Valere, Sgt. (Ag.) R. Rampal, A. Piggott (MOWT), PC D. Scantlebury, PC S. Roopchand, PC J. Phillips, WPC S. Sutton, PC V. Oudit, D. Drakes (MOWT), V. Ramgoolam (MOWT), H. Ramdial (EMRTT), Ff Hassan Ali Mark

Seated from left to right: Master of Ceremonies, Brent Batson; TTPS Police Commissioner (Ag.), Stephen Williams; Minister of Works and Transport, the Honourable Fitzgerald Hind; Country Manager, BHP Billiton Trinidad and Tobago, Vincent Pereira; President, Arrive Alive, Sharon Inglefield and Permanent Secretary, Clint Ramcharan.
What Next?

- Implementation of the Demerit Point and Electronic Ticketing System
- Red Light & Spot Speed Camera Enforcement
- Expansion of Highway Patrol Motorcycle Unit via 200 motorcycles donated by Peoples Republic of China
- Strengthening Local Government Road Safety Programmes
- Traffic Incident Management Training and Development for Improved Agency Interoperability
- Improve Crash Investigator Capacity within TTPS
SAVING LIVES, KEEPING FAMILIES TOGETHER
Recommendation

- Reigonal Traffic Enforcement & Road Policing Workshop
- CARICOM Implementation Agency for Crime and Security (IMPACS)
- ASSOCIATION OF CARRIBBEAN COMMISSIONERS OF POLICE
SALUTE TO TERRY FLETCHER

- CARIBBEAN ASSOCIATION OF ROADS (CARs)