ISSN 1728-54

SERIE

STUDIES AND PERSPECTIVES

122

ECLAC SUBREGIONAL HEADQUARTERS FOR THE CARIBBEAN

Assessment of the economic costs of vehicle traffic congestion in the Caribbean

A case study of Trinidad and Tobago

Willard Phillip: Elizabeth Thorn-Esther Chong Line





## ANEW ECLAC STUDY

REVEALS SOME
INTERESTING DATA ON
TRAFFIC CONGESTION IN
TRINIDAD AND TOBAGO







# THE AVERAGE PERSON IN T&T SPENDS SIGNIFICANT TIME IN TRAFFIC DELAYS

110 MINS PER DAY 16 HRS PER WEEK **64 HRS**PER MONTH

almost 2 hours every day...

793 HRS PER YEAR 33 NAVS

that's 1+ month per year in traffic!









TT \$2.26 BILLION

PER YEAR OR 1.37% OF GDP.







## CRUNCHING THE NUMBERS

THE IMPACT OF TRAFFIC CONGESTION ON THE ECONOMY

AGRICULTURE, FORESTRY & FISHING

TT \$2.43B EARNED

1.5% OF GDP



**TRAFFIC** 

TT \$2.26B FOREGONE

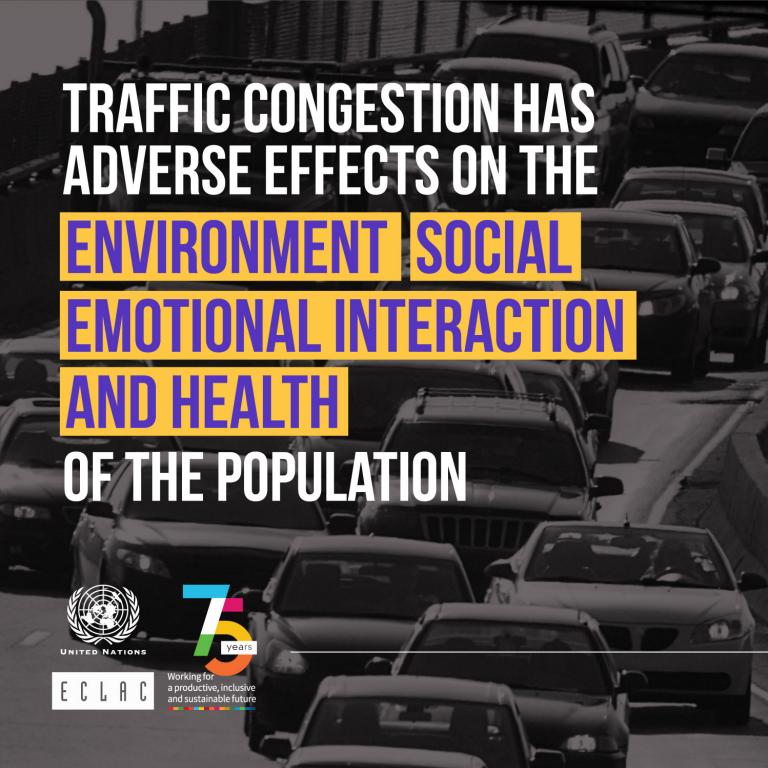
1.37% OF GDP\*

\*GROSS DOMESTIC PRODUCT





Working for a productive, inclusive



# WHEN YOU'RE ON THE ROAD DURING THESE INTENSE HIGH TRAFFIC SEASONS

THE ADDITIONAL HOURS ADD UP...



CHRISTMAS 8.9 HOURS/YEAR

CARNIVAL 5 HOURS/YEAR RAINY SEASON 9.3 HOURS/YEAR

MONTH-END 5.6 HOURS/YEAR

SCHOOL BREAKS REDUCE TRAFFIC BY 7.7 HOURS ANNUALLY







# ESTIMATED VALUE OF TIME LOST TO TRAFFIC CONGESION

BY OCCUPATIONAL CATEGORY



\$1.43B PROFESSIONALS



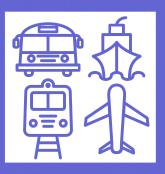




O.

#### RECOMMENDATIONS

Several suggestions to the traffic congestion challenge were also put forward for consideration over the short to medium term.



STRENGTHEN AND IMPROVE EFFICIENCY OF PUBLIC TRANSPORTATION

- make public transportation more attractive and reliable to commuters
- enhance and improve paratransit services - first and last mile transportation options
- improve public safety of commuters and service providers

ADOPT TELECOMMUTING TO REDUCE NEED FOR PHYSICAL COMMUTING





### INVEST IN SAFE AND RELIABLE SCHOOL BUS SERVICE

IMPROVE SPATIAL PLANNING AND TRAFFIC MANAGEMENT FOR ANNUAL + SEASONAL EVENTS



### PRINCIPAL LONG TERM SOLUTION

IMPLEMENT AN
EFFICIENT, RELIABLE,
MULTI-MODAL
TRANSPORTATION SYSTEM

DECENTRALIZE PUBLIC SERVICES

