



Transport and Main Roads

Household Travel in Toowoomba

A summary of results from the 2011
Toowoomba Household Travel Survey

Household Travel in Toowoomba

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Introduction

Household travel in Toowoomba

Key findings

Some of the key insights about travel in Toowoomba include:

- There is a 90% private vehicle mode share for all trips or 95% when looking at only work trips
- Almost half of all weekday trips occur during the AM and PM peaks of 7-9AM and 3-5AM, respectively
- Compared to other regions, private vehicle trips are much shorter in distance
- Overall, there is a high proportion of medium distance (2-5km) trips in comparison to other regions
- On average, each Toowoomba resident travels for 44 minutes (16km) in total each weekday

(Note: these two figures cannot be used to calculate an average speed due to weighting factors)

Map of study area and trip boundary



Glossary

Mode share

The primary mode of transport used for a trip as a proportion of all trips.

Purpose share

The primary purpose for which a trip is made as a proportion of all trips.

Vehicle driver

Driver of a private motor vehicle (includes motorcycle riders).

Vehicle passenger

Passenger in a private motor vehicle.

Public transport

Passenger in a bus (including school buses), train, ferry or taxi.

Active transport

Person making a trip using walking and/or cycling only.

Accompany others

Trips where the trip maker's primary purpose for making a trip is to assist someone else. One example of such a trip would be dropping a child at school (or returning directly home from such a trip), in which case the parent is making an accompanying trip and the child is making an education trip. Another example would be a trip where a carer accompanies an unwell person to the doctor (or accompanies an unwell person directly home from such a trip), in which case the unwell person is making a shopping/ personal trip and the carer is making an accompanying trip.

Data sources

Data in this report is taken from the 2011 Toowoomba household travel survey, unless otherwise stated. The survey collected comprehensive travel behaviour information from a sample of 2 000 households (in private dwellings; see map to left) that was both geographically and demographically representative of the resident population of the Toowoomba region. Survey results are representative of personal travel by Toowoomba residents on a typical school term weekday.

Results are based on sample data benchmarked to 2011 number of private dwellings and estimated resident population living in private dwellings by age and gender (Australian Bureau of Statistics - 2011 Census of Population and Housing).

Weekday mode and purpose share * | Toowoomba

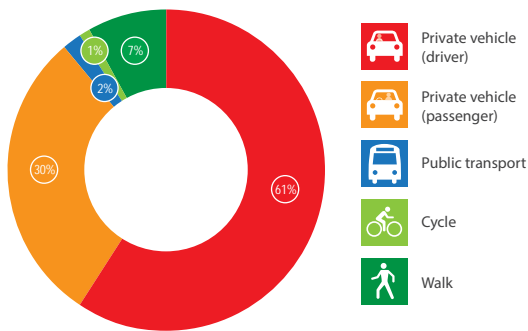
>> 3.6 trips per person per day
The estimated number of trips made per person each weekday in Toowoomba

>> 438 100 trips per day
The estimated number of trips made each weekday in Toowoomba

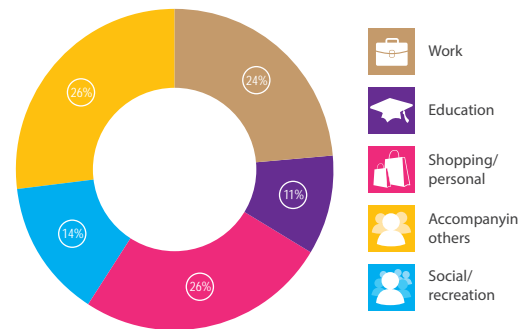


The pie charts below show the proportion of all trips made in Toowoomba in terms of the primary mode for the trip (below left) and primary purpose of the trip (below right).

Proportion of trips by mode



Proportion of trips by purpose

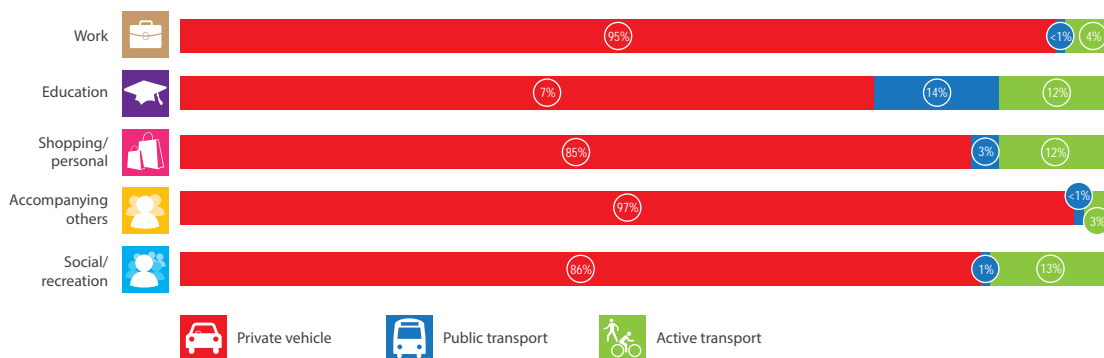


In Toowoomba 9 out of 10 trips are made by private vehicle.

The most common reason for making a trip in Toowoomba is for shopping / personal business.

The bar graph below shows the mode share in Toowoomba for each of the trip purposes captured.

Mode share by purpose of trip **



* Graphs may not add to exactly 100% in some cases due to rounding off of figures.

** NOTE:

Walking and cycling have been grouped up to active transport to ensure sufficient sample size and maintain reliability of results. Private vehicle driver and passenger has also been grouped up to private vehicle. Categories <1% not labelled.

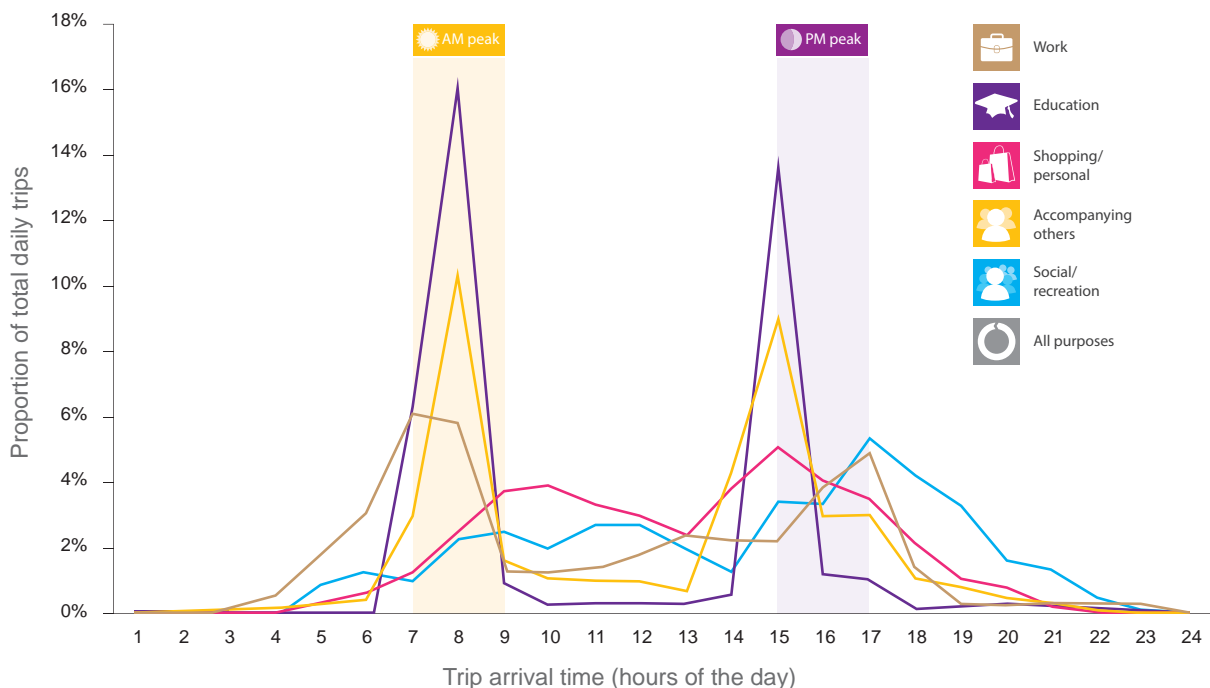
Weekday time of travel * | Toowoomba

>> 102 300 trips per day during the AM peak
The estimated number of trips made each weekday during the AM peak in Toowoomba

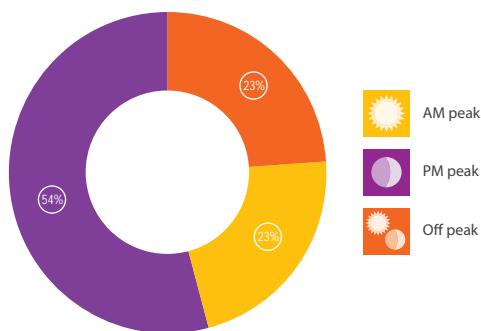
>> 100 000 trips per day during the PM peak
The estimated number of trips made each weekday during the PM peak in Toowoomba

The line graph below shows the time of day when travel for different trip purposes occurs.

Proportion of trips by time of arrival



Proportion of trips in peak/off peak **



Almost half of the trips made in Toowoomba occur during the AM and PM peaks.

* Graphs may not add to exactly 100% in some cases due to rounding off of figures.

** NOTE:

AM peak in this analysis includes trips arriving between 7:00am and 9:00am and the PM peak includes trips arriving between 3:00pm and 5:00pm, with the balance of trips throughout the remainder of the day making up off peak.

Weekday travel, distance and duration * | Toowoomba

>> 24 kilometres

The estimated average distance travelled by Toowoomba residents each day

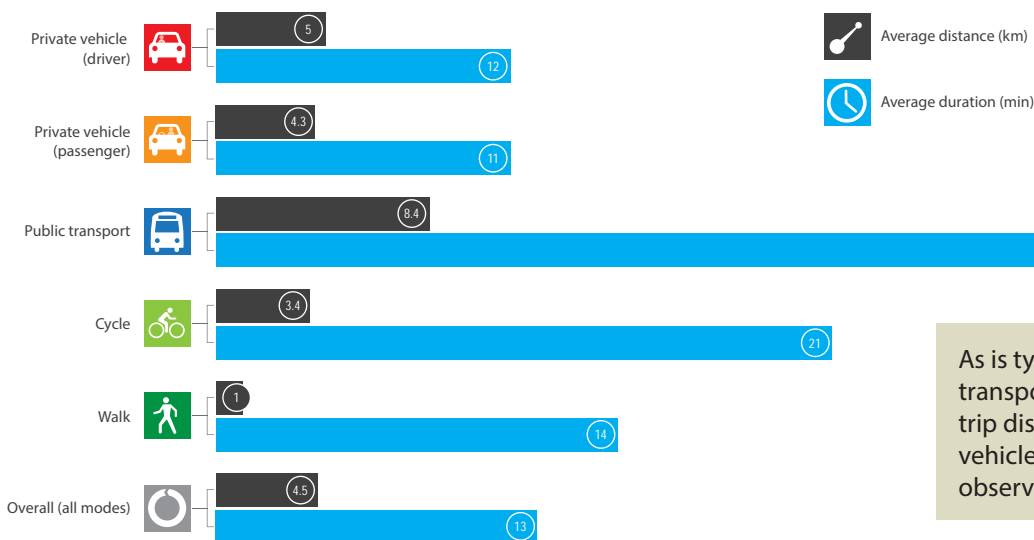
>> 52 minutes

The estimated average time spent travelling by Toowoomba residents each day

The bar graph below shows the average distance and time spent travelling on each mode in Toowoomba.

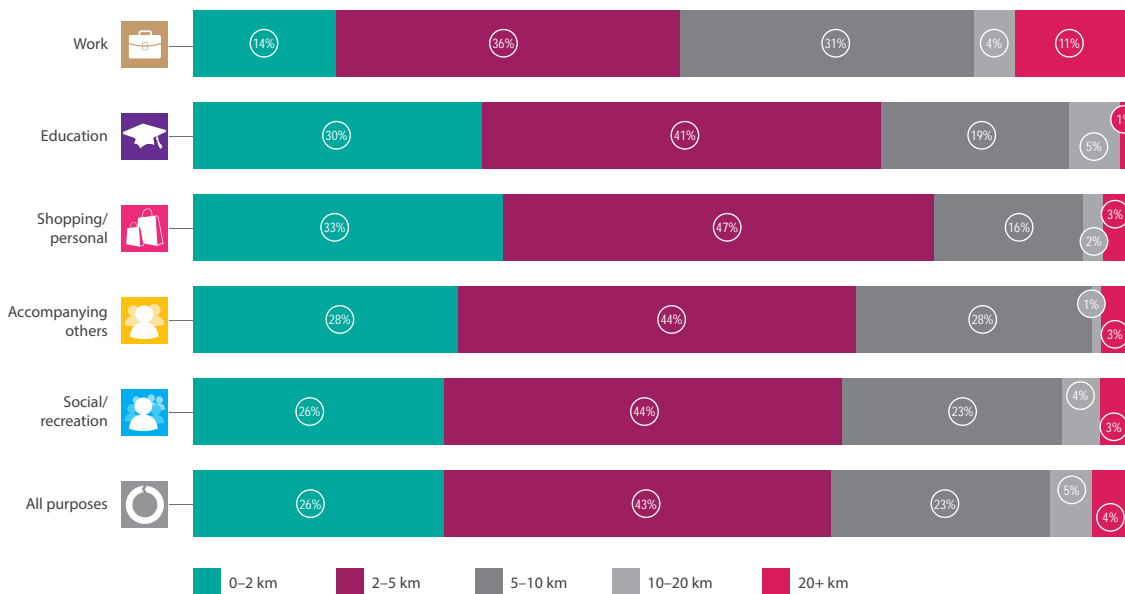
Please note that for statistical reasons, only trips with an origin and a destination within the Toowoomba SA3 boundary (shown on study area map) have been included in the calculation of averages.

Average distance and duration of trips by mode **



As is typical in most centres, public transport has the longest average trip distance. The average private vehicle trip distance is shorter than observed in most centres.

Proportion of trips by distance bands (by trip purpose)



Toowoomba has a high proportion of medium distance (2-5km) trips in comparison to other centres.

* Graphs may not add to exactly 100% in some cases due to rounding off of figures.

** NOTE:

Due to the weighting of trips and varying trip lengths and travel times the overall average figures shown here for distance and time can not be used to calculate an overall average speed.

Comparison table | Queensland

