

Transport and Main Roads

Household travel in Hervey Bay

A summary of results from the 2010
Wide Bay Burnett Household Travel Survey

Household Travel in Hervey Bay

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Image on page 2 - Urangan Pier © The State of Queensland.

Introduction

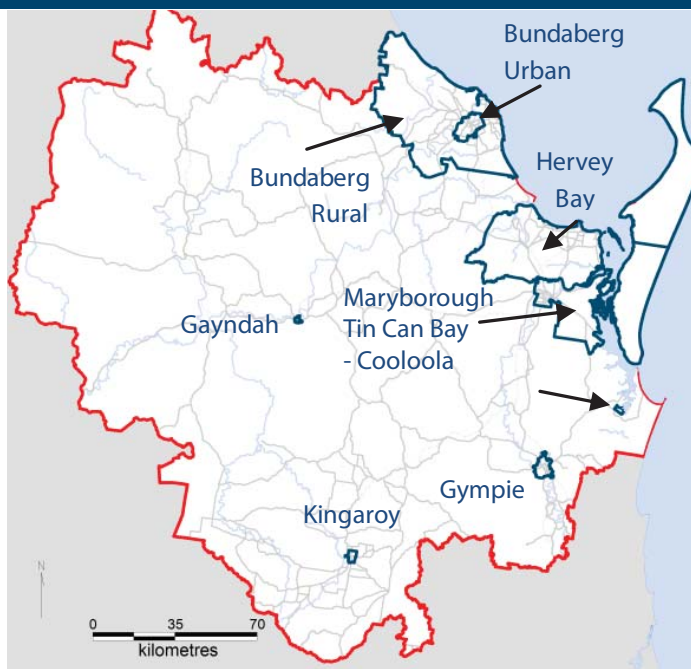
Household travel in Hervey Bay

Key findings

Some of the key insights about travel in Hervey Bay include:

- Hervey Bay has a slightly higher active transport mode share than most other regional centres, at 11%
- As with a number of centres in Wide Bay Burnett, there is a higher proportion (30%) of trips made for shopping and personal business than in other centres outside this region.
- Consequently, with shopping trips occurring throughout the day, there is a greater proportion of off peak travel than in some other centres
- Hervey Bay has a higher proportion (1 in 10) of trips over 20 kilometres than other centres in Wide Bay Burnett.

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 2010 Wide Bay Burnett Household Travel Survey, unless otherwise stated. The survey collected comprehensive travel behaviour information from a final sample (i.e., only those who returned completed surveys) of 779 households (in private dwellings, see map above) that was both geographically and demographically representative of the resident population of the respective areas. Survey results are representative of personal travel by residents on

a typical school term weekday.

Trips to or from areas outside the Wide Bay Burnett Statistical Division (ASGC 2008 boundary, shown in red) are excluded from the analysis to minimise biases caused by unusually long trips. Where statistics reference a particular region (e.g., "Travel in Hervey Bay"), this is referring to travel by the residents of that region.

Weekday mode and purpose share * | Hervey Bay

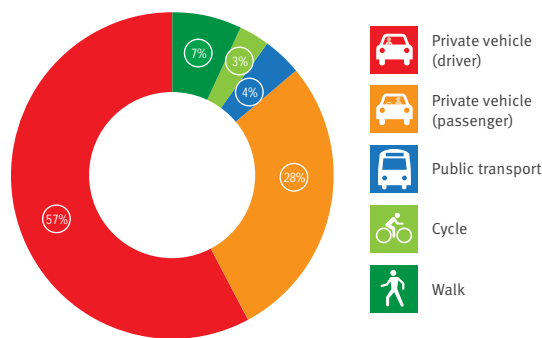
>> 209 000 trips per day
The estimated number of trips each weekday in Hervey Bay

>> 3.4 trips per person per day
The estimated number of trips made per person each weekday in Hervey Bay



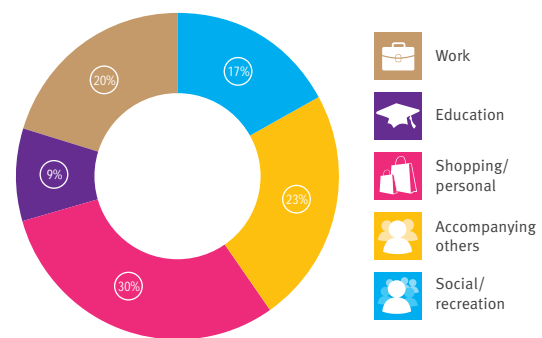
The pie charts below show the proportion of all trips made in Hervey Bay in terms of the primary mode for the trip (left) and primary purpose of the trip (right).

Proportion of trips by mode



Hervey Bay has the lowest private vehicle driver mode share in the Wide Bay Burnett region, though mode shares are still typical of a regional centre.

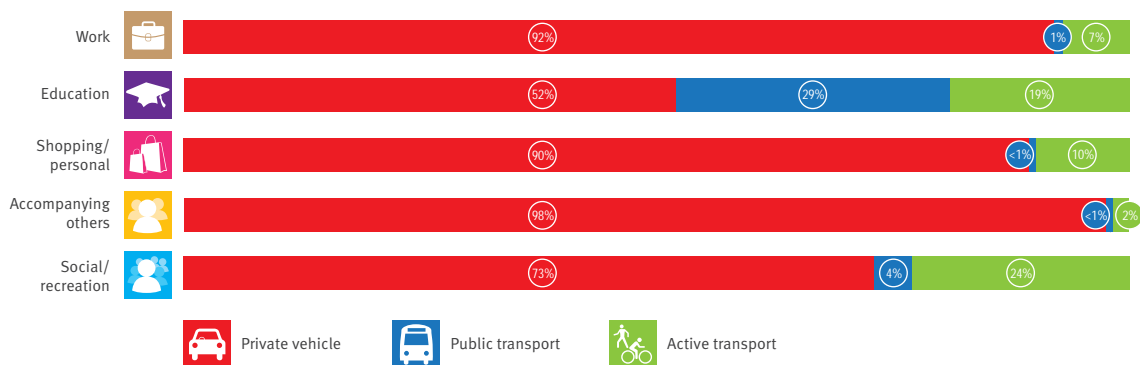
Proportion of trips by purpose



Hervey Bay has the lowest work purpose share of any centre in the Wide Bay Burnett region. This can be attributed to the area's growing proportion of residents aged over 65. Shopping/personal business trips make up the greatest proportion of trips.

The bar graph below shows the mode share in Hervey Bay within each of the trip purposes.

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 to form the active transport mode to ensure sufficient sample size and maintain the integrity of results. Private vehicle driver and passenger have also been grouped into the private vehicle mode.

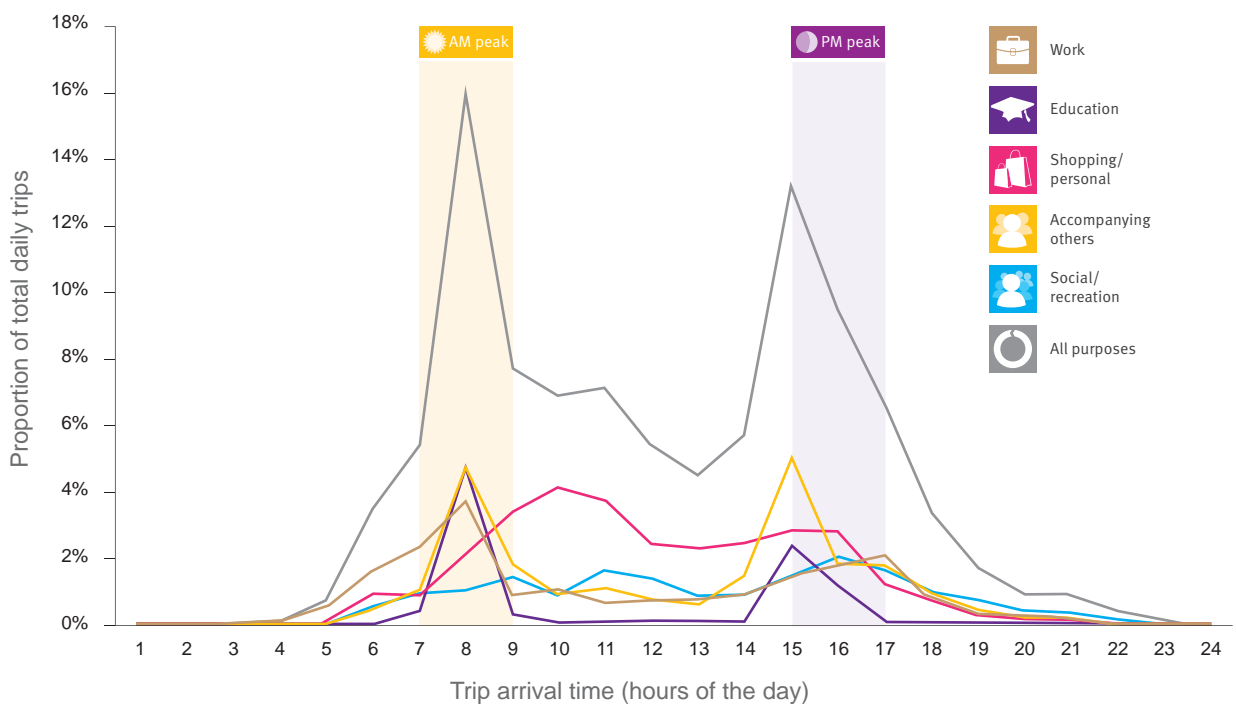
Weekday time of travel * | Hervey Bay

>> 45 000 trips per day during the AM peak
 The estimated number of trips each weekday during the AM peak in Hervey Bay

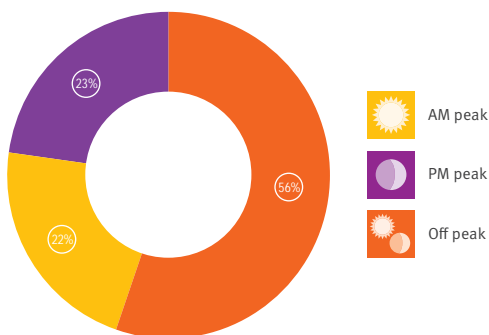
>> 47 000 trips per day during the PM peak
 The estimated number of trips each weekday during the PM peak in Hervey Bay

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 **



While work, education and accompanying trips occur predominantly during the peaks, shopping/personal trips are distributed evenly across the day.

There is a greater proportion of off peak travel than in other centres. The PM peak is centred predominantly around school travel times and tapers off quickly without the typical work peak observed in other centres.

* 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 7-9am and the PM peak includes trips arriving between 3-5pm, with the balance of trips throughout the remainder of the day making up the off peak period.

Weekday travel, distance and duration * | Hervey Bay

>> 27 kilometres

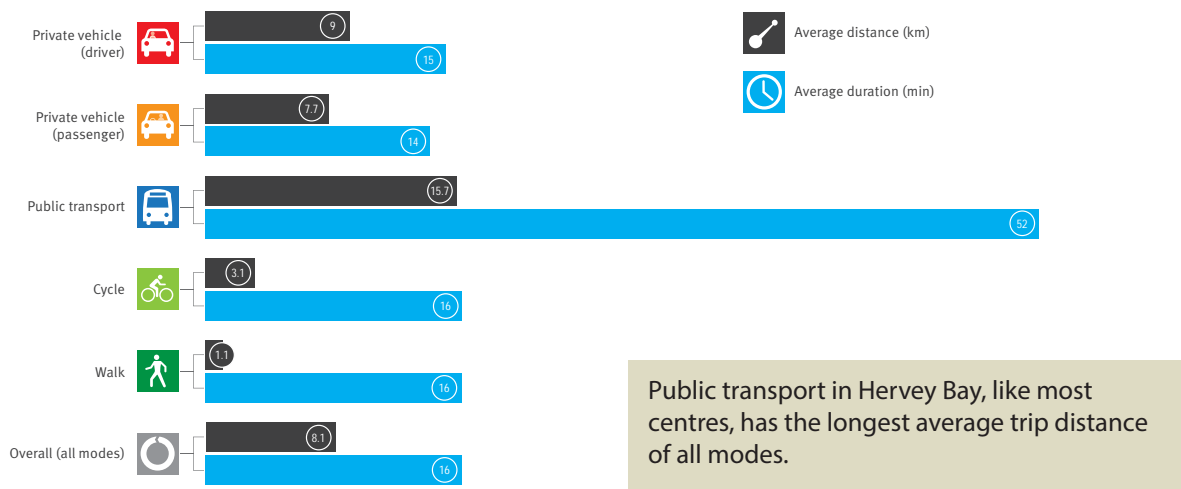
The estimated daily distance travelled per person each day

>> 54 minutes

The estimated daily time spent travelling per person each day

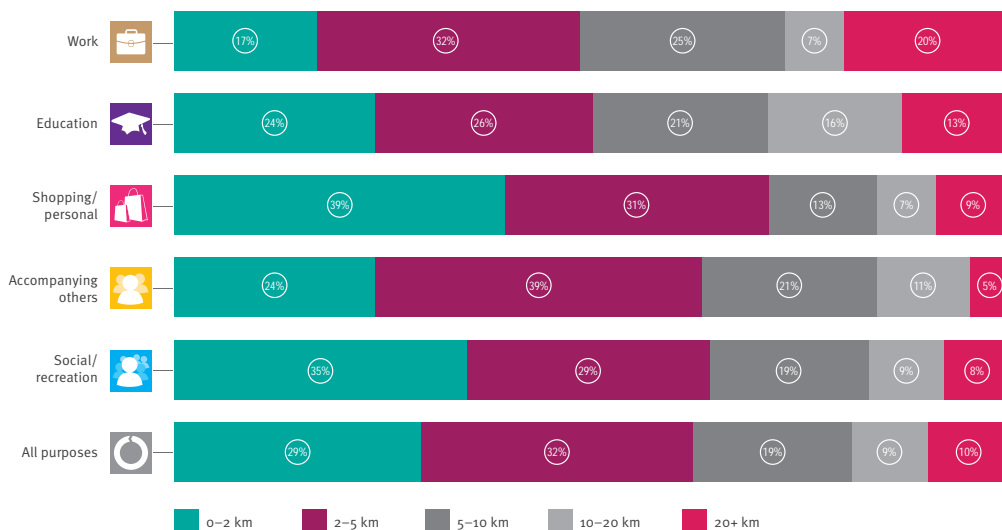
The graph below shows the average distance and time spent travelling on each mode in Hervey Bay.

Average distance and duration of trips by mode **



The graph below shows the proportion of trips that fall within the defined distance bands for the various trip purposes.

Proportion of trips by distance bands (by trip purpose)



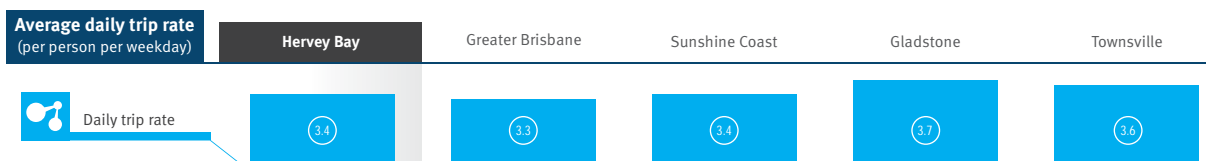
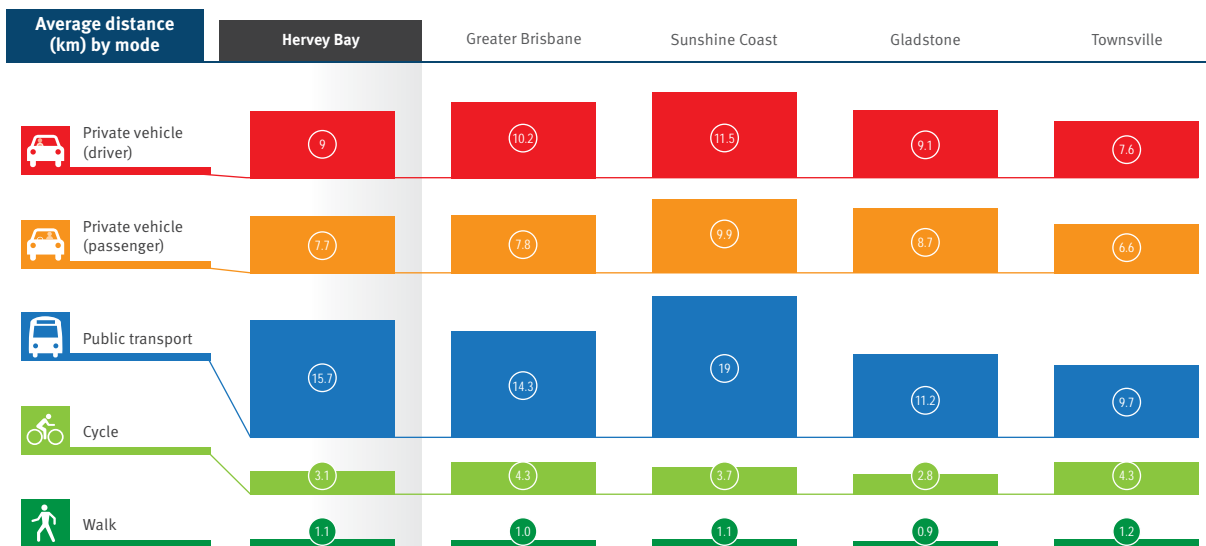
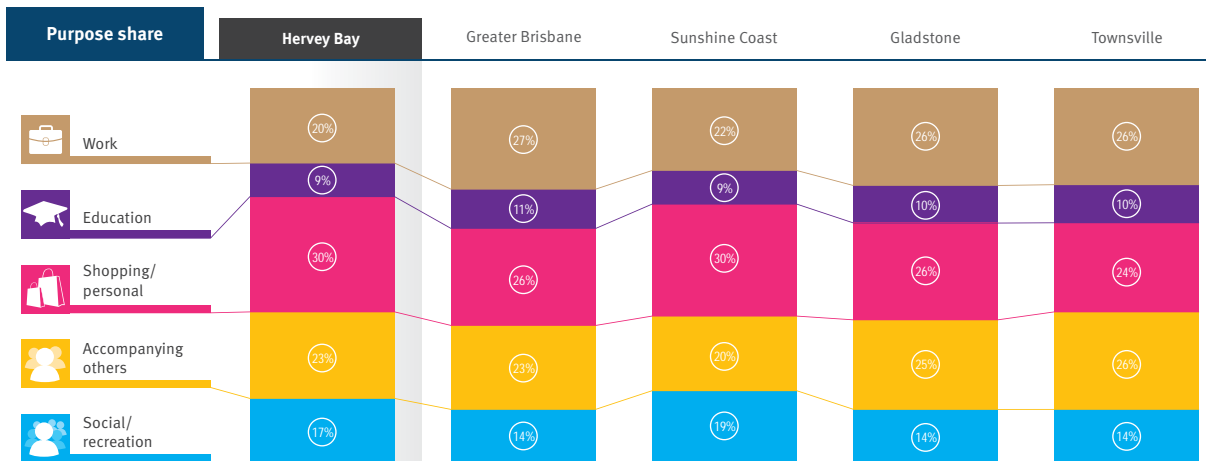
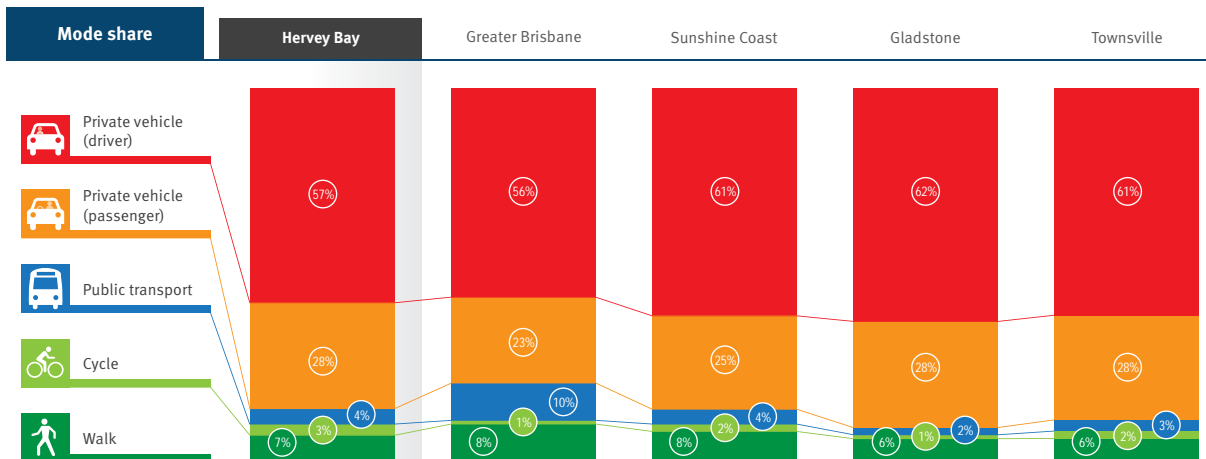
Hervey Bay has the greatest proportion of trips over 20 kilometres in the Wide Bay Burnett region.

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

** NOTE:

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

Comparison graphs * | Hervey Bay and other Queensland Regions



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

