

Monthly Transport Indicators

Recommendation(s)

That the board:

- i. Notes this report

Executive summary

The monthly transport indicators report is intended to give board members an overview of key trends within the transport system as well as wider economic indicators to help provide context on key issues that impact on transport demand. June saw one less business day compared to June 2012 which affects many of the monthly results.

Economic activity

Official economic activity figures are reported quarterly so there has been no update since the previous transport indicators report. ANZ's Truckometer uses NZTA national traffic volumes to help predict trends in economic performance. Despite a fall in volumes in June, it is expected that previous increases will see economic activity increase slightly for the June quarter.

Auckland Traffic

State Highway traffic counts fell in June compared to the same month the year before. This has had a positive impact on arterial road productivity with drivers experiencing reduced delays in their journeys. Overall traffic volumes have been relatively flat over the past few years.

Fuel Prices

Fuel Prices continue to be volatile and have increased in June. The price of 91 Petrol has remained above \$2 per litre for the past year which has seen consumers share of spending on fuel continue to increase.

Public Transport

The Working Weekday Average is weekday daily patronage normalised to remove the inconsistencies from year to year resulting from differences in the calendar or special events. The measure shows that there has been strong underlying growth in the rail network with June 2013 up 12.5% on June 2012. Once the HOP system is fully implemented across all bus and ferry trips, it will allow us to develop the same measure for those modes. Completion of the roll out of the HOP card will also allow monitoring of capacity utilisation across all modes by peak and non-peak periods which will be a critical management tool to see how capacity can be increased where necessary by mode and by route.

Total public transport patronage in the 12 months to June was 69,074,940 which was down 2.8% compared to the 12 months to June 2012.

Rail Punctuality continued to improve in June recording one of the best monthly results on record and bringing the annual result close to 85%.

New Additions

- There have been several new graphs added to the report to help provide the board with greater information, these are

- Earlybird carparking price – This shows this historical price of earlybird parking in the Auckland Transport owned carpark within the CBD.
- Public Transport Fares – This shows how public transport cash fares have changed over time. AT HOP fares have also been added and will be tracked.
- Percentage of trips using AT HOP – This shows the number of trips across the network and by mode that have been completed using AT HOP
- CBD Pedestrian Counts – Heart of the City have a number of automated pedestrian counters that have been installed within the CBD area. This graph shows that there is a considerable amount of pedestrians using Queen St on a daily basis in comparison to the neighbouring streets.

We will be looking to further enhance the report in the future with a greater range of metrics.

Background

In May the board was presented with a paper outlining a series of indicators that were proposed to be used on an on-going basis. The intention is to provide a concise report that focuses on trends, and enables the Board to maintain a watch on the key indicators that influence and/or drive the performance of the transport system.

The board indicated that they thought the report presented was a good starting point but requested that additional indicators be added to provide more context as to transport trends.

Issues and options

The transport indicators report has been refined following feedback from the Board in May. There are now a total of 25 indicators with additional indicators planned for the future. These are:

Economic	Auckland economic activity, ANZ Truckometer, Auckland employment, Auckland residential building consents
Auckland Traffic	State Highway traffic, Arterial road productivity
Prices	Fuel prices, fuel Sales, Auckland Transport earlybird parking costs, public transport fares
Auckland Public Transport	Total boardings, rail boardings, Northern Express Boardings, other bus boardings, ferry boardings, public transport reliability, rail weekday boardings, AT HOP card usage Note, indicators for average weekday boardings for all modes, and capacity utilisation are also under development.
Alternative Modes	Cycle counts, CBD pedestrian counts
Other Transport Indicators	Auckland airport passenger numbers, new and used vehicle registrations. Note, indicators for Auckland vehicle registrations are under development
Road Safety	Auckland road crash deaths

It is important to note that not all these indicators (especially the contextual indicators) are the same as those that appear in the Statement of Intent (over which AT has some influence through its actions). However, they are designed to:

- enable the Board to gain a greater appreciation of the broader context within which AT must perform its functions; and
- provide a context for the consideration of Board agenda reports.

The following table provides further detail on the indicators that have been included in the report. It summarises the basis for each indicator (including contextual, Auckland Plan outcomes or SOI impacts where relevant), and the proposed measures and data sources. An indication of the time delay for data availability is also shown.

Note that two of the public transport measures are not yet fully developed. These include average weekday patronage (which will remove the effects of public holidays and weekends from the monthly patronage returns: data for rail is included in the attached report, but historical data for other modes is not yet available); and public transport capacity utilisation, where relevant data is currently being assembled to determine its suitability

Category	Indicator	Basis	Measure	Source	Availability
Economic	Auckland economic activity	Contextual: growth in travel demand	% change in regional economic activity	ANZ Bank Regional Trends Composite Indicator of Economic Activity	Quarterly: 8 weeks from end of quarter
	ANZ Truckometer	Contextual: growth in traffic volumes on key roads; and leading indicator of economic activity	ANZ heavy traffic index	ANZ Bank Truckometer	Monthly: 2-3 weeks from month end
	Auckland employment	Contextual: growth in travel demand	Persons employed	Statistics NZ Quarterly Employment Survey	Quarterly: 10 weeks from end of quarter
	Auckland building activity	Contextual: growth in travel demand	Dwelling consents issued	Statistics NZ	Monthly: 4 weeks from month end
Auckland traffic	State highways traffic volumes:				
	Arterial road	SOI impact:	Arterial roads	AT Road	Monthly:



	productivity	moving people and goods efficiently	productivity %	Corridor Operations	2-3 weeks from month end
Fuel and Prices	Fuel Prices	Contextual: key transport price indicator	Petrol and diesel retail price	Ministry of Business, Innovation and Employment	Weekly: Within 1 week
	Auckland Fuel consumption	SOI impact: reduced environmental effects	Petrol and diesel sales volume	Auckland Council (from local govt fuel tax returns)	Monthly: 3-4 months lag time
	AT CBD Earlybird Parking Prices	Contextual: transport price indicator	AT CBD Earlybird Parking Prices	Auckland Transport Parking Operations	When price changes are made
	Public Transport Fares	Contextual: transport price indicator	Public Transport Cash Fares	AT Public Transport Operations	When fare changes are made
Public Transport	Total public transport patronage	SOI impact: moving people and goods efficiently	Total boardings	AT Public Transport Ops / operator returns	Monthly: 2-3 weeks from month end
	Rail patronage	SOI impact: moving people and goods efficiently	Rail boardings	AT Public Transport Ops / operator returns	Monthly: 2-3 weeks from month end
	Busway Patronage	SOI impact: moving people and goods efficiently	Busway Boardings	AT Public Transport Ops / operator returns	Monthly: 2-3 weeks from month end
	Bus Patronage	SOI impact: moving people and goods efficiently	Bus (non busway) boardings	AT Public Transport Ops / operator returns	Monthly: 2-3 weeks from month end
	Ferry patronage	SOI impact: moving people and goods efficiently	Ferry boardings	AT Public Transport Ops / operator returns	Monthly: 2-3 weeks from month end
	Public Transport	SOI impact: increased	% services on	AT Public Transport	Monthly:

	Reliability	customer satisfaction	time	Ops / operator returns	2-3 weeks from month end
	Public transport weekday patronage	SOI impact: increased customer satisfaction	Average number of PT weekday boardings	AT Public Transport Ops / operator returns	Monthly: 2-3 weeks from month end
	Public transport capacity utilisation	SOI impact: increased customer satisfaction	Ratio of PT passenger km to seat km	AT Public Transport Ops / operator returns	Under development to be reported monthly
	AT HOP Utilisation	SOI impact: moving people and goods efficiently	% of trips made using HOP	AT Public Transport Operations	Monthly: 2-3 weeks from month end
Other Transport Indicators	Airport arrivals	Contextual: growth in travel demand	Arrivals at Auckland airport	Auckland Airport Monthly traffic update	Monthly: 4 weeks from month end
	Vehicle registrations	Contextual: growth in vehicles	New and used vehicle registrations	Motor Industry Association.	Monthly: 1-2 weeks from month end
Active Transport	Cycle Trips	SOI impact: increased access to wider range of transport choices	Cycle counts (total at 9 key sites)	AT Community Transport	Monthly: 2-3 weeks from month end
	CBD Pedestrian counts	SOI impact: increased access to wider range of transport choices	Pedestrian counts at various locations around the CBD	Heart of the City	Monthly: 2-3 weeks from month end
Road safety	Road crash deaths	SOI impact: improved safety	Road crash fatalities	NZ Transport Agency	Weekly: Within 1 week

Attachments

Number	Description
1	Monthly Transport Indicators Report: June 2013

Document ownership

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