

# Transport Indicators Report– June 2018

## Recommendation

That the Board:

- i. Receives this report.

## Executive summary

1. The attached Monthly and Quarterly Indicator Reports provide an overview of AT's performance against its Statement of Intent (SOI) performance measures for June 2018, for the June 2018 quarter and the preliminary results for the 2017/18 year. The reports also provide supplementary information on the wider Auckland context as well as AT's public transport, road operations and maintenance, and customer response activities.
2. The SOI Preliminary results for 2017/18 are provided as Attachment 1; the June 2018 Quarter report is Attachment 2; and the June 2018 Monthly report is Attachment 3.

## Strategic context

3. The past 12 months have shown mixed trends in key external indicators. After record growth rates in some measures over the past few years, the last quarter has shown slowing growth in some indicators. Net migration, airport passenger movements, Auckland gross domestic product (GDP) and car registration numbers in Auckland all had annual growth rates lower than at any other point in the past three to six years, with net migration and new cars registered decreasing compared with the year before. Employment levels and fuel sales continue to show steady growth, whereas the growth rate in dwelling consents issued in Auckland continued to rise with a record month in May 2018.
4. The overall slowing in the growth of external indicators has flowed through to the growth rates for public transport and congestion. Total public transport patronage growth in the 12 months to June 2018 was lower than any other rolling 12-month period in 2017/18. Average morning peak congestion over the past 12 months also decreased slightly compared with the previous year.
5. Most recent results for key external indicators:

- Annual net migration reached a record peak in August 2017. Estimated net migration into Auckland in the 12 months to May 2018 totalled 33,695 and, although still far higher than the net migration seen prior to 2016, this was 7.1% lower than the 12 months to May 2017.<sup>1</sup>
- The number of cars first registered to an Auckland postcode decreased by 0.5% for the 12 months to June 2018 compared with the 12 months to June 2017. This is the first 12-month period since 2012 in which fewer cars were first registered in Auckland than the preceding 12 months.
- The total number of cars registered in Auckland grew by 0.28%, an increase of 2,655 cars from 964,777 at June 2017 to 967,432 cars at June 2018.<sup>2</sup> This is far lower than the growth rate of 4.5% (41,587 new cars) experienced in the 12 months to June 2017.
- GDP in Auckland increased by 2.2% for the 12 months to March 2018 compared to a year earlier. Growth was 2.7% in New Zealand over the same period. Annual GDP growth in Auckland peaked at 5.4% in the year to December 2016, and has been slowing since.<sup>3</sup>
- Fuel sales grew by 2.8% for the 12 months to May 2018 compared with the 12 months to May 2017, consistent so far through 2018.
- Auckland employment increased by 3.8% for the 12 months to March 2018 compared to the 12 months to March 2017.<sup>4</sup> This is slightly below the 4.2% increase seen in 2016/17.
- A total of 20.1 million passenger movements were recorded through Auckland Airport in the 12 months to May 2018, up 6.2% compared with the 12 months to May 2017.<sup>5</sup> This was lower than the 10.4% growth recorded in the 12 months to May 2017, and the lowest annual growth as a percentage since November 2015.
- The number of housing consents issued in Auckland increased by 18.3% in the 12 months to March 2018 compared with the 12 months to March 2017.<sup>6</sup> A total of 1,503 consents were issued in the month of May 2018, an increase of 72.9% on May 2017 and the highest number of dwelling consents issued in a single month since October 2002.
- Annual vehicle kilometres travelled (VKT) estimates show continued growth in the total travel demand on the Auckland road network. There was an estimated 15.1 billion kilometres travelled in the 12 months to September 2017, 4.6% higher than the estimate for the 12 months to September 2016. This increase was driven by growth in both population and travel demand per person, with VKT per capita increasing by 2.4% in the 12 months to September 2017.<sup>7</sup>

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<sup>1</sup> Calculation based on data from Statistics NZ, *International Travel and Migration: May 2018*.

<sup>2</sup> Calculation based on Regional Monthly Vehicle Registration data provided by the NZ Transport Agency.

<sup>3</sup> Infometrics Quarterly Economic Monitor – March 2018 <https://ecoprofile.infometrics.co.nz/auckland/QuarterlyEconomicMonitor/Gdp>.

<sup>4</sup> Calculation based on data from Statistics NZ, *Labour Market Statistics: March 2018*.

<sup>5</sup> Monthly traffic updates – May 2018 <https://corporate.aucklandairport.co.nz/news/publications/monthly-traffic-updates>.

<sup>6</sup> Calculation based on data from Statistics NZ, *Building Consents Issued: March 2018*.

<sup>7</sup> Calculation based on data from Quarterly VKT Estimates provided by the Ministry of Transport; Statistics NZ, *Subnational population estimates: June 2017*; and Statistics NZ, *Subnational population projections: February 2017*.

## Highlights from the Month, Quarter and Year

6. As reflected in the table below, the June quarterly and monthly reports show strong performance, with many measures meeting or exceeding targets, while some targets in other areas have not been met. In 2017/18, more targets were exceeded compared with 2016/17, and less targets were not met.

### Public Transport

7. While total patronage fell below target for the month of June 2018, year-end results have met the annual SOI total public transport boardings target. However, rail boardings did not meet the annual SOI target.
  - Overall public transport totalled 92.4 million boardings for the 12 months to June 2018, an increase of 4.4%, or 3.9 million boardings, on the 12 months to June 2017. This was 0.7% under the SOI target of 93.01 million boardings, but within 2.5% of the target.
  - Rail boardings totalled 20.2 million for the 12 months to June 2018, an increase of 2.8%, or 0.6 million boardings, on the 12 months to June 2017. This was 4.3% under the SOI target of 21.06 million boardings.
  - Bus boardings totalled 66.2 million for the 12 months to June 2018, an increase of 5.5%, or 3.5 million boardings, on the 12 months to June 2017.
  - Ferry boardings totalled 6.0 million for the 12 months to June 2018, a decrease of 1.7% or 0.1 million boardings, on the 12 months to June 2017.
8. The total public transport farebox recovery ratio was 45.2% in June 2018, below the SOI target range of 47% to 50%. This reflects the increased proportion of passengers using HOP, the rollout of the New Network, and the impact of the introduction of Simpler Fares in August 2016, which reduced fares for the majority of users.

### Cycling

9. Cycling counts continue to grow, however monthly results for June 2018 were lower than forecast. There are two cycling targets in the 2017/18 SOI:
  - A target of 1.8 million cycle movements at designated locations around the Auckland region. June 2018 counts at the 14 identified sites fell under the monthly forecast by 8.5%, reaching a total of 1,807,040 trips in 2017/18. This result was 0.4% above the annual SOI target.
  - A target of 1.86 million cycle movements in the city centre. June 2018 counts at 13 counters around the Auckland city centre fell under the monthly forecast by 11.3%, reaching a total of 1,845,430 trips in 2017/18. This result was 0.9% below the annual SOI target.

10. In the 2017/18 year, 6.5 km of new cycleways were added to the regional cycle network, less than the 2017/18 SOI target of 10 km. A number of projects that were projected to be completed this year have been delayed until the first half of 2018/19. Delays are due to design changes and issues, ground conditions and insufficient lead times.

### **Travel times, congestion levels and safety**

11. All ten key freight routes met their interpeak SOI travel time targets for the year to date June 2018, with six routes exceeding their targets.
12. In the month of June 2018, 24% of the arterial network was subject to congestion during the morning peak, two percentage points lower than congestion in June 2017. In the year to June 2018, 77% of the network was operating efficiently during the morning peak.
13. Arterial road productivity exceeded the SOI target of 55%, with the 12 month rolling average result in June 2018 reaching 65%.
14. Local road deaths and serious injuries in the 2017 calendar year (690) was significantly higher than the SOI target of 537 (9 less than the 2016 total of 546). A Speed Management Implementation Plan will be delivered in 2018 to change speeds on 10% of the rural and urban network. An Accelerated Safety Engineering Programme has been developed to address a greater number of high-risk locations and implement mass-action treatments across the urban and rural network. Latest figures available report local road deaths and serious injuries in the 12 months to March 2018 as 668, 15% higher than for the 12 months to March 2017.
15. Local road deaths and serious injuries per 100 million vehicle kilometres travelled is an indication of injuries relative to travel undertaken on the network. The result at December 2017 was 8.4 deaths and serious injuries per 100 million vehicle kilometres travelled, significantly higher than the SOI target of 4.9, and 40% higher than the 2016/17 result of 7.
16. AT has an SOI target of resurfacing / rehabilitating 7.5% of the sealed local road network during 2017/18. In 2017/18, 417.5 km of the local road network was resurfaced or rehabilitated, equivalent to 6.4% of the total network. The 2017/18 programme was not forecast to meet the SOI target due to funding being reprioritised for urgent repairs to the sea wall.

### **Customer experience and satisfaction**

17. Overall satisfaction with public transport services was 91%, the same as the previous quarter but one percentage point higher than in June 2017. This was well above the SOI target of 85%.
18. Resident satisfaction with the quality of roads in the Auckland region was 61% (unchanged compared with the June 2017 result), and resident satisfaction with the quality of footpaths in the Auckland region was 56% (down two percentage points compared with the June 2017 result) in June 2018. These scores are below their respective SOI targets of 70% and 65%. Resident satisfaction with road safety in the Auckland region fell just outside the SOI target range of 60% to 65%, with the June 2018 result of 59% down one percentage point compared with the June 2017 result.

## Summary of performance against Annual SOI measures

19. Table One provides a summary of performance against SOI targets. Initial results for the 2017/18 financial year can be found in Attachment 1.  
 Note that these have yet to be audited and are preliminary results prior to the completion of the Annual Report.

<b>Table One: Performance against SOI targets</b>				
Theme	Target <u>exceeded</u>	Target <u>met</u>	Target <u>not met</u>	Total measures
Prioritise rapid, high frequency public transport	0	2	1	3
Transform and elevate customer focus and experience	2	0	8	10
Build network optimisation and resilience	9	7	2	18
Ensure a sustainable funding model	0	0	1	1
Develop creative, adaptive, innovative implementation	3	1	0	4
<b>Total</b>	<b>14</b>	<b>10</b>	<b>12</b>	<b>36</b>

## Attachments

Attachment Number	Description
1	Auckland Transport SOI Preliminary Results 2017/18
2	Auckland Transport Quarterly Indicators Report 2017/18 – June 2018
3	Auckland Transport Monthly Indicators Report 2017/18 – June 2018

## Document ownership

Submitted by	Christine Perrins <b>Group Manager, Strategic Transport Planning</b>	
Recommended by	Cynthia Gillespie <b>Executive General Manager, Planning &amp; Investment</b>	
Approved for submission by	Shane Ellison <b>Chief Executive Officer</b>	

## Glossary

Acronym	Description
SOI	Statement of Intent 2017/18-2019/20
GDP	Gross domestic product
VKT	Vehicle kilometres travelled