

Quarterly and Monthly Transport Indicators – December 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 December and November 2018, and for the December 2018 quarter. 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.

Strategic context

2. Latest results from external indicators continue to display the mixed trends seen for the past few months. Some metrics display slowing growth with large decreases year on year, while others maintain record growth rates.
3. Although annual net migration into Auckland remains high, the total of 30,973 in the 12 months to October 2018 was 14.8% lower than the 12 months to October 2017.¹
4. Auckland employment increased by 3.9% for the 12 months to September 2018 compared with the 12 months to September 2017.²
5. The number of housing consents in Auckland increased by 19.3% in the 12 months to November 2018 compared with the 12 months to November 2017.³
6. GDP in Auckland was up 2.6% for the 12 months to September 2018 compared with the previous year. Growth in New Zealand was 2.9% for the same period.⁴

¹ Calculation based on data from Statistics NZ, *International Travel and Migration: October 2018*.

² Calculation based on data from Statistics NZ, *Labour Market Statistics: September 2018*.

³ Calculation based on data from Statistics NZ, *Building Consents Issued: November 2018*.

⁴ Infometrics Quarterly Economic Monitor – September 2018 <https://ecoprofile.infometrics.co.nz/auckland/QuarterlyEconomicMonitor/Gdp>.

7. The total number of cars registered in Auckland in December 2018 was 2.3% higher than December 2017, increasing by 22,035 from 965,030 in December 2017 to 987,065 in December 2018. The previous 12 months to December 2017 saw an increase of 1.3% in the number of cars registered in Auckland.
8. Total annual fuel consumption decreased by 0.9% for the 12 months to November 2018 compared with the 12 months to November 2017. This is the first rolling 12 month period that total annual fuel consumption has declined year on year since October 2015. Growth in the previous year was 2.9%.
9. A total of 20.9 million passenger movements were recorded through Auckland Airport in the 12 months to November 2018.⁵ This marks an increase of 4.8% on the 12 months to November 2017, compared with an annual increase of 7.8% in the previous year.
10. In the December 2018 morning peak, 79% of the network operated efficiently at levels of service C or above (50 to 100% of the posted speed limit), the same as December 2017. In the 12 months to December 2018, 77% of the network has been operating efficiently during the morning peak.
11. In general, congestion levels were similar to 2017. However, one specific location which has experienced improvement is the Whangaparaoa Road Dynamic Lane. In December 2018, median speeds were 11 km/h higher westbound in the AM peak and 17 km/h higher eastbound in the PM peak compared with December 2017.

Public Transport

12. After a period of slowing growth for the past 12 months, total public transport patronage growth has increased in the December 2018 quarter.
 - Total public transport boardings in the year to December 2018 totalled 95.9 million, an increase of 5.2%, or 4.8 million boardings, on the 12 months to December 2017, and are 2.5% ahead of SOI forecast.
 - Rail boardings totalled 20.6 million for the 12 months to December 2018, an increase of 1.2%, or 0.2 million boardings, on the 12 months to December 2017, and are 0.6% ahead of SOI forecast.
 - Bus boardings totalled 69.1 million for the 12 months to December 2018, an increase of 7.1%, or 4.6 million boardings, on the 12 months to December 2017.
 - Ferry boardings totalled 6.1 million for the 12 months to December 2018, a decrease of 0.8% or 46,900 boardings, on the 12 months to December 2017.

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

- Boardings on the rapid and frequent network totalled 45.4 million in the 12 months to December 2018, an increase of 20.3%, or 7.7 million boardings, on the 12 months to December 2017. This includes a 4% increase in patronage on the rapid network (train and busway) and a 54% increase in patronage on the frequent network.
13. The total public transport farebox recovery ratio was 44.7% in September 2018, below the SOI target range of 47 to 50%. The year-end projection is 45.1%.

Cycling

14. An SOI target of 10 km has been set for new cycleways for the 2018/19 year, and 7.2 km had been completed by November 2018. Links to New Lynn Seabrook Ave (0.7 km) and Northcote Safe Routes Main Section (4.9 km) were completed in October 2018. Ian McKinnon Drive cycleway (0.8 km) was completed in November 2018. No new cycleway has been completed in December 2018.
15. The two cycle count targets from the previous SOI have been combined into one target for cycle movements at selected sites around Auckland, with a year-end target of 3.644 million annual cycle movements. The year to date count of 1,732,124 trips to the end of December 2018 is 1.8% above forecast.

Travel times, congestion levels and safety

16. The 12-month rolling total for local road deaths and serious injuries to September 2018 was 550, 22% lower than the same period the previous year.
17. The SOI target for arterial road productivity has changed from the previous SOI and is now measured across 30 arterial routes as the product of the number of vehicles (including buses), their average journey speed and average vehicle occupancy. Year to date average arterial productivity is 31,649, 51% above target. The 2018/19 SOI target of 21,000 is equivalent to the route productivity target of 55% included in previous SOIs.
18. During the inter-peak, 91% of the freight network operated efficiently at levels of service C or above in December 2018. This exceeded the SOI target of 85%. The monitored freight network for the purposes of the 2018/19 SOI measures the level of service on a much larger and more comprehensive representation of the network than the previously reported five key freight routes.
19. The SOI sets a target of 10 high risk intersections or sections of road to be addressed by the safety programme. These projects are currently in detailed design and procurement phases, with the first expected to be completed by March 2019.

Customer experience and satisfaction

20. Overall satisfaction with public transport services was 91%, the same as both the previous quarter and December 2017.

Assets and maintenance

21. In the year to date December 2018, 189.3 km of local road has been resurfaced or rehabilitated. This is 7.7% behind the forecast of 205.0 km and 44% of the 430 km 2018/19 programme.

Summary of performance against SOI measures

22. Table 1 provides a summary of performance against SOI targets.

Table 1: Performance against SOI targets					
Priorities	Target <u>exceeded</u>	Target <u>met</u>	Target <u>not met</u>	<u>Non-reporting period</u>	<u>Total measures</u>
Deliver an efficient and effective transport system	2	5	0	2	9
Focus on the customer	2	0	1	2	5
Improve the safety of the transport system	1	0	0	1	2
Ensure value for money across AT's activities	0	0	2	4	6
Total	5	5	3	9	22

Attachments

Attachment Number	Description
1	Auckland Transport Quarterly Indicators Report 2018/19 – December 2018
2	Auckland Transport Monthly Indicators Report 2018/19 – December 2018
3	Auckland Transport Monthly Indicators Report 2018/19 – November 2018

Document ownership

Submitted by	Christine Perrins Group Manager, Strategic Transport Planning	
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Glossary

Acronym	Description
SOI	Statement of Intent 2018/19-2020/21
GDP	Gross Domestic Product