

Quarterly and Monthly Transport Indicators – September and October 2019

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 the month of September 2019, the September 2019 quarter, and the month of October 2019. 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 first section below addresses the first quarter results to September 2019, and strategic context demonstrated by various external indicators. The second section below refers to October 2019, and noteworthy results from this month.

Strategic context – September 2019 quarter

3. Latest results show mixed growth across external indicators. Growth in several indicators remains positive albeit low. Car registrations and fuel consumption have declined year on year.
4. Auckland employment increased by 0.5% for the 12 months to September 2019 compared with the 12 months to September 2017.¹
5. The number of dwelling consents in Auckland increased by 10.7% in the 12 months to August 2019 compared with the 12 months to August 2018.²

¹ Calculation based on data from Statistics NZ, *Labour Market Statistics: September 2019*.

² Calculation based on data from Statistics NZ, *Building Consents Issued: August 2019*.

6. GDP in Auckland was up 2.6% for the 12 months to September 2019 compared with the previous year. Growth in GDP for New Zealand was 2.4% for the same period.³
7. The number of cars first registered in Auckland in the 12 months to September 2019 decreased by 8.0% compared with the 12 months to September 2018. However, the total number of cars registered in Auckland in September 2019 was 1.8% higher than September 2018, increasing by 16,956 from 963,979 to 980,935.
8. Total annual fuel sales decreased by 6.1% for the 12 months to August 2019 compared with the 12 months to August 2018.
9. A total of 21.1 million passenger movements were recorded through Auckland Airport in the 12 months to September 2019.⁴ This is an increase of 1.8% on the 12 months to September 2018.

Public Transport – September 2019 quarter

10. Total public transport totalled 102.4 million boardings for the 12 months to September 2019, an increase of 8.9%, or 8.4 million boardings, on the 12 months to September 2018.
 - Rail boardings totalled 21.6 million for the 12 months to September 2019, an increase of 6.0%, or 1.2 million boardings, on the 12 months to September 2018.
 - Bus boardings totalled 74.5 million for the 12 months to September 2019, an increase of 10.3%, or 7.0 million boardings, on the 12 months to September 2018.
 - Ferry boardings totalled 6.3 million for the 12 months to September 2019, an increase of 2.9%, or 0.2 million boardings, on the 12 months to September 2018.
11. Boardings on the rapid and frequent network totalled 50.6 million in the 12 months to September 2019, an increase of 18.3%, or 7.8 million boardings, on the 12 months to September 2018
12. The total public transport farebox recovery ratio was 43.1% in September 2019, on the lower bound of the SOI target range of 43% to 46%.
13. Year to date public transport punctuality was 97.3%, meeting the SOI target of 95.0%.

³ Infometrics Quarterly Economic Monitor – September 2019 <https://ecoprofile.infometrics.co.nz/auckland/QuarterlyEconomicMonitor/Gdp>.

⁴ Monthly traffic updates – September 2019 <https://corporate.aucklandairport.co.nz/news/publications/monthly-traffic-updates>

Other SOI results – September 2019 quarter

Environmental impacts

14. At the Board Meeting on 22 October 2019, a question was asked in regard to the baselines for the three environmental SOI measures. The 2019/20 measures include targets using 2017/18 as a base.
15. The percentage of streetlights that were energy efficient LED in 2017/18 was 45%. The 2019/20 SOI target is to increase this to 56% of the streetlight network.
16. Corporate emissions (CO₂) from 2017/18 totalled 1,248 tonnes. The 2019/20 SOI target is for corporate emissions (CO₂) to not exceed 1,194 tonnes, a reduction from 2017/18 of 7%.
17. There were two low emission (electric) buses in the Auckland bus fleet as at 30 June 2018. The 2019/20 SOI target is to have five low emission buses in operation by 30 June 2020. Recent developments through both 2018/19 and 2019/20 indicate that this target will be exceeded.

Safety

18. The 12-month rolling total local road DSI to June 2019 was 528, 14% lower than the 12 months to June 2018. For the 12 months to the end of June 2019, local road deaths decreased by 15% (from 46 to 39) and local road serious injuries have decreased by 15% (from 569 to 483).

Cycling and active modes

19. The September 2019 report contains a correction to the cycleway development measure. Maketu Road (Drury South) has now been included as it was incorrectly excluded from July 2019 results. This correction adds 1.2 km to the Auckland cycleway network, bringing the YTD in full total to 2.2 km.
20. The year to date cycle count of 767,703 trips to the end of September 2019 is 4.5% below forecast. The decline is likely due to unusual weather conditions for August and September and disruption on Quay Street.

Best use of the transport network

21. The rolling average AM peak arterial productivity was 32,928 for the 12 months to September 2019. The 2019/20 SOI target for arterial road productivity has been increased from 21,000 to 27,500. This is measured as the product of the number of vehicles (including buses), their average journey speed and average vehicle occupancy across 30 arterial routes.

22. In September 2019, 73% of the network operated efficiently at levels of service C or above (50 to 100% of the posted speed limit). This was three percentage points higher (better) than August 2019. In the 12 months to September 2019, 76% of the network has been operating efficiently during the morning peak.
23. The average proportion of the freight network operating efficiently during the inter-peak was 93% for the 12 months to September 2019, exceeding the SOI target of 85%.

Customer experience and satisfaction

24. Overall satisfaction with public transport services in September 2019 was 91%, which has remained unchanged since September 2017. This exceeds the 2019/20 SOI target of 85%.

Assets and maintenance

25. The SOI target relating to resurfacing / rehabilitating local roads is 5.8% of the local road network, which equates to 389 km. The year to date (September 2019) completed length of 27.6 km exceeded the forecast trajectory of 25 km.
26. The percentage of customer service requests relating to roads and footpaths that receive a response within AT's specified times was 85% in September 2019, up six percentage points from September 2018. The year to date average to August 2019 is 84.0%, close to the SOI target of 85%.

Summary of performance against SOI measures at 30 September 2019

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

Table 1: Performance against SOI targets					
Strategic Transport Priorities	<u>On target to exceed</u> measures	<u>On target to meet</u> measures	<u>Not on target to meet</u> measures	<u>Non-reporting period</u>	<u>Total</u> measures
Help people to travel safely	1	0	0	1	2
Improve access to frequent and attractive public transport	2	3	0	0	5
Encourage walking and cycling	0	1	1	0	2
Make the best use of existing transport networks	2	0	0	2	4
Manage the impacts of the transport network on the environment	0	0	0	3	3
Value for money	1	2	0	4	7
Local Board engagement	0	0	0	2	2
Total	6	6	1	12	25

Highlights from the October 2019 monthly indicators report

28. This section refers to October 2019 monthly results, and contains noteworthy progress and changes compared to the September 2019 quarter.

Safety

29. The 12-month rolling total local road DSI to July 2019 was 542, 6% lower than the 12 months to July 2018. For the 12 months to the end of July 2019, local road deaths decreased by 11% (from 45 to 40) and local road serious injuries by 6% (from 532 to 502).

Public Transport

30. Total public transport boardings for the 12 months to October 2019 totalled 102.7 million, an increase of 8.2%, or 7.8 million boardings, on the 12 months to October 2018.
- Rail boardings totalled 21.6 million for the 12 months to October 2019, an increase of 5.4%, or 1.1 million boardings, on the 12 months to October 2018.
 - Bus boardings totalled 74.9 million for the 12 months to October 2019, an increase of 9.6%, or 6.6 million boardings, on the 12 months to October 2018.
 - Ferry boardings totalled 6.2 million for the 12 months to October 2019, an increase of 1.6% or 0.1 million boardings, on the 12 months to October 2018.
 - Boardings on the rapid and frequent network totalled 50.7 million in the 12 months to October 2019, an increase of 15.4%, or 6.7 million boardings, on the 12 months to October 2018.
31. Year to date public transport punctuality was 97.4%, exceeding the SOI target of 95.0%.

Cycling

32. The year to date (October 2019) cycle count of 1,072,663 was 5.7% below forecast. In the 12 months to October 2019, there were a total of 3,722,302 recorded cycle trips, a decrease of 0.6% on the 12 months to September 2019, but an increase of 3.8% on the 12 months to October 2018. The 2019/20 SOI target is 3,826,000.

Best use of the transport network

33. In October 2019, 80% of the network operated efficiently at levels of service C or above (50 to 100% of the posted speed limit). This was seven percentage points higher than September 2019, but three percentage points lower than October 2018. In the 12 months to October 2019, 75% of the network has been operating efficiently during the morning peak, two percentage points lower than the 12 months to October 2018.

Value for money

34. The October 2019 result for farebox recovery was 42.9%. This result is close to the SOI target of 43% to 46%.

35. The SOI target relating to resurfacing / rehabilitating local roads is 5.8% of the local road network, which equates to 389 km. The year to date completed length is 59.1 km, compared to a forecast of 75 km. Poor weather conditions in October coincide with this result. It is expected that the shortfall will be made up in the coming months.

Summary of performance against SOI measures at 31 October 2019

36. Table 2 provides a summary of performance against SOI targets.

Table 1: Performance against SOI targets					
Strategic Transport Priorities	<u>On target to exceed</u> measures	<u>On target to meet</u> measures	<u>Not on target to meet</u> measures	<u>Non-reporting period</u>	<u>Total</u> measures
Help people to travel safely	1	0	0	1	2
Improve access to frequent and attractive public transport	3	2	0	0	5
Encourage walking and cycling	0	1	1	0	2
Make the best use of existing transport networks	2	0	0	2	4
Manage the impacts of the transport network on the environment	0	0	0	3	3
Value for money	0	2	1	4	7
Local Board engagement	0	0	0	2	2
Total	6	5	2	12	25

Attachments

Attachment Number	Description
1	Auckland Transport Quarterly Indicators Report 2019/20 – September 2019
2	Auckland Transport Monthly Indicators Report 2019/20 – September 2019
3	Auckland Transport Monthly Indicators Report 2019/20 – October 2019

Document ownership

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Glossary

Acronym	Description
SOI	Statement of Intent
GDP	Gross Domestic Product