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Quarterly and Monthly Transport Indicators – June and July 2019

Recommendation

That the Board:

- i. Receives this report.

Executive summary

1. The attached Monthly and Quarterly Indicator Reports provide an overview of Auckland Transport's (AT) performance against its Statement of Intent (SOI) performance measures for the month of June 2019, the June 2019 quarter, and the month of July 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 2018/19 year-end position for June 2019, including the final SOI results and strategic context demonstrated by various external indicators. The second section below refers to the 2019/20 SOI, which was approved by Auckland Council in July 2019.

Strategic context – June 2019 quarter

3. Latest results show mixed growth across external indicators. Strong growth was shown in all indicators except for fuel consumption and the number of cars first registered in Auckland. Arterial network level of service has begun to decrease again after a previously steady period.
4. Auckland employment increased by 2.9% for the 12 months to June 2019 compared with the 12 months to June 2017.¹
5. The number of dwelling consents in Auckland increased by 13.1% in the 12 months to May 2019 compared with the 12 months to May 2018.²
6. GDP in Auckland was up 2.8% for the 12 months to June 2018 compared with the previous year. Growth in GDP for New Zealand was 2.5% for the same period.³

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

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

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

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7. The number of cars first registered in Auckland in the 12 months to June 2019 decreased by 9.8% compared with the 12 months to June 2018. The total number of cars registered in Auckland in June 2019 was 1.6% higher than June 2018, increasing by 15,589 from 967,432 to 983,021.
8. Total annual fuel consumption decreased by 7.2% for the 12 months to June 2019 compared with the 12 months to June 2018.
9. A total of 21.1 million passenger movements were recorded through Auckland Airport in the 12 months to June 2019.⁴ This is an increase of 2.8% on the 12 months to June 2018, compared with an increase of 5.7% in the previous year.
10. In the 12 months to June 2019, 76% of the arterial network operated efficiently during the morning peak, at levels of service C or above (50 to 100% of the posted speed limit). This is one percentage point lower than the 12 months to June 2018. In June 2019, 75% of the network operated efficiently in the morning peak, compared with 76% in June 2018.

Public Transport – June 2019 quarter

11. Growth in public transport boardings has steadily increased throughout 2018/19 as the implementation of the New Network was completed.
 - Total public transport boardings in the year to June 2019 totalled 100.8 million, an increase of 9.1%, or 8.4 million boardings, on the 12 months to June 2018. Total public transport boardings met the year-end SOI target of 96.3 million in January 2019 and have now exceeded the 2018/19 SOI target.
 - Rail boardings totalled 21.4 million for the 12 months to June 2019, an increase of 6.4%, or 1.3 million boardings, on the 12 months to June 2018.
 - Bus boardings totalled 73.0 million for the 12 months to June 2019, an increase of 10.4%, or 6.9 million boardings, on the 12 months to June 2018.
 - Ferry boardings totalled 6.3 million for the 12 months to June 2019, an increase of 4.4%, or 0.3 million boardings, on the 12 months to June 2018.
 - Boardings on the rapid and frequent network totalled 49.2 million in the 12 months to June 2019, an increase of 21.5%, or 8.7 million boardings, on the 12 months to June 2018.
12. The total public transport farebox recovery ratio was 43.4% in the 12 months to June 2019, below the 2018/19 SOI target range of 46 to 50%.

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

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13. Public transport punctuality in 2018/19 was 97.0%, exceeding the 2018/19 SOI target of 94.5%. Punctuality has improved and stabilised since the implementation of the New Network. Due to close collaboration with operating partners, there was minimal punctuality impact from the May 2019 Employment Relations Act changes.

Other SOI results – June 2019 quarter

Cycling and active modes

14. The 2018/19 total for completion of new cycleways was 9.65 km, below the 2018/19 SOI target of 10 km. Northcote Safe Routes bridge requires further structural designs as the existing bridge is considered unsuitable and an alternative solution will be needed. Westhaven to CBD section 2 is undergoing further stakeholder engagement as designs are completed. Victoria Street East West is undergoing further design development to review costs relative to the interface with the Victoria Linear Park.
15. The 2018/19 cycle count of 3,771,332 trips exceeded the 2018/19 SOI target by 3.5%.
16. Active and sustainable transport mode share in 2018/19 was 72% for morning peak commuters at organisations where the Travelwise Choices programme is implemented, and 47% at schools where the Travelwise programme is implemented. Both these results exceeded the 2018/19 SOI targets of 40% active and sustainable transport mode share.

Safety and productivity

17. The 12-month total for local road deaths and serious injuries to December 2018 was 553, 19% lower than the same period the previous year. This is 137 deaths and serious injuries less than the 690 in 2017, exceeding the target to reduce deaths and serious injuries by nine this year.
18. The SOI sets a target of 10 high risk intersections or sections of road to be addressed by the safety programme. In 2018/19, 11 of the highest risk sections were addressed, in addition to 26 pedestrian upgrades and a further 54 safety projects across the wider network, exceeding the 2018/19 SOI target.
19. The 2018/19 average AM peak arterial productivity was 32,863, 56% above the 2018/19 SOI target. The SOI target for arterial road productivity is measured across 30 arterial routes as the product of the number of vehicles (including buses), their average journey speed and average vehicle occupancy.
20. The 2018/19 average proportion of the freight network operating efficiently during the inter-peak was 93%, exceeding the 2018/19 SOI target of 85%.

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Customer experience and satisfaction

21. Overall satisfaction with public transport services in June 2019 was 91% which has remained unchanged since September 2017. This has exceeded the 2018/19 SOI target of 85%.
22. The percentage of Local Board members satisfied with AT's reporting and consulting with Local Boards was 41% and 35% respectively. While the 2019 Elected Member Survey results for engagement with Local Boards are disappointing, considerable effort is being put into improving the ability of Local Boards to make positive changes to their local environments. The Local Board Transport Capital Fund has been increased to \$21m and a new Community Safety Fund has allowed Local Boards to identify and remedy local traffic safety issues that are high priorities for their local communities. Early engagement with Local Boards is being actively promoted within AT and new ways of informing them about upcoming works, and receiving their feedback on these, are being explored. AT expects these initiatives will bear fruit and looks forward to much improved results in the next Elected Member Survey.

Assets and maintenance

23. In the 12 months to June 2019, 363.3 km of local road has been resurfaced or rehabilitated, equal to 5.5% of the local road network. The 2018/19 SOI target was to complete 6.0% of the road network. This was not achieved as the price of oil, which in turn determines the price of bitumen, has been on a steady upwards trend since the start of 2016. Additional funding to offset the impact of cost increases has been allocated for the 2019/20 year which will enable the resurfacing programme to be increased.
24. The overall road condition and ride quality of Auckland's local roads has been maintained under the current programme of works and funding levels. Urban road maintenance standards exceeded the 2018/19 SOI target.

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Summary of performance against SOI measures at 30 June 2019

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

Priorities	Target <u>exceeded</u>	Target <u>met</u>	Target <u>not met</u>	<u>Total</u> measures
Deliver an efficient and effective transport system	6	2	1	9
Focus on the customer	2	0	3	5
Improve the safety of the transport system	2	0	0	2
Ensure value for money across AT's activities	1	3	2	6
Total	11	5	6	22

Highlights from the July 2019 monthly indicators report

26. This section refers to July 2019 results. With the adoption of the 2019/20 – 2021/22 SOI there have been some changes to KPI measures and targets which are reflected in the July 2019 monthly indicators report.

Safety

27. The 12-month rolling total local road DSI to April 2019 was 533, 18% lower than the 12 months to April 2018. For the 12 months to the end of April 2019, local road deaths decreased by 20% (from 55 to 44) and local road serious injuries have decreased by 18% (from 593 to 489).

Public Transport

28. Total public transport boardings for the 12 months to July 2019 totalled 101.4 million, an increase of 9.0%, or 8.3 million boardings, on the 12 months to July 2018.

- Rail boardings totalled 21.5 million for the 12 months to July 2019, an increase of 6.4%, or 1.3 million boardings, on the 12 months to July 2018.
- Bus boardings totalled 73.6 million for the 12 months to July 2019, an increase of 10.2%, or 6.8 million boardings, on the 12 months to July 2018.

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- Ferry boardings totalled 6.3 million for the 12 months to July 2019, an increase of 4.4% or 0.3 million boardings, on the 12 months to July 2018.
- Boardings on the rapid and frequent network totalled 49.8 million in the 12 months to July 2019, an increase of 20.4%, or 8.5 million boardings, on the 12 months to July 2018.

29. The 2019/20 SOI target for farebox recovery has been amended to 43%-46%. This was previously 46%-50% in 2018/19. The July 2019 result for farebox recovery was 43.4%.

Cycling

30. Completing Franklin Road cycle paths added 1.0 km of new cycleway to the network in July 2019. The 2019/20 SOI target is to complete 10 kms.
31. The year to date (July 2019) cycle count of 265,841 was 4.4% ahead of forecast. In the 12 months to July 2019, there were a total of 3,786,232 recorded cycle trips, an increase of 8.3% on the 12 months to July 2018. The 2019/20 SOI target is 3,826,000.

Best use of the transport network

32. The rolling average AM peak arterial productivity was 32,833 for the 12 months to July 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.
33. In July 2019, 83% of the network operated efficiently at levels of service C or above (50 to 100% of the posted speed limit). This was eight percentage points higher than June 2019, related to lighter traffic conditions on the network associated with the school holidays in July. In the 12 months to July 2019, 76% of the network has been operating efficiently during the morning peak.
34. The average proportion of the freight network operating efficiently during the inter-peak was 93% for the 12 months to July 2019, currently exceeding the SOI target of 85%.

Environmental impacts

35. The 2019/20 SOI introduced three new measures, designed to manage the impacts of the transport network on the environment. These measures include the number of buses in the Auckland bus fleet classified as low emission, the reduction of carbon dioxide emissions generated by AT's corporate operations, and the percentage of AT streetlights that are energy efficient LED. Performance against these new measures will be reported at the end of 2019/20.

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Attachments

Attachment Number	Description
1	Auckland Transport Quarterly Indicators Report 2018/19 – June 2019
2	Auckland Transport Monthly Indicators Report 2018/19 – June 2019
3	Auckland Transport Monthly Indicators Report 2019/20 – July 2019

Document ownership

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Glossary

Acronym	Description
SOI	Statement of Intent
GDP	Gross Domestic Product