



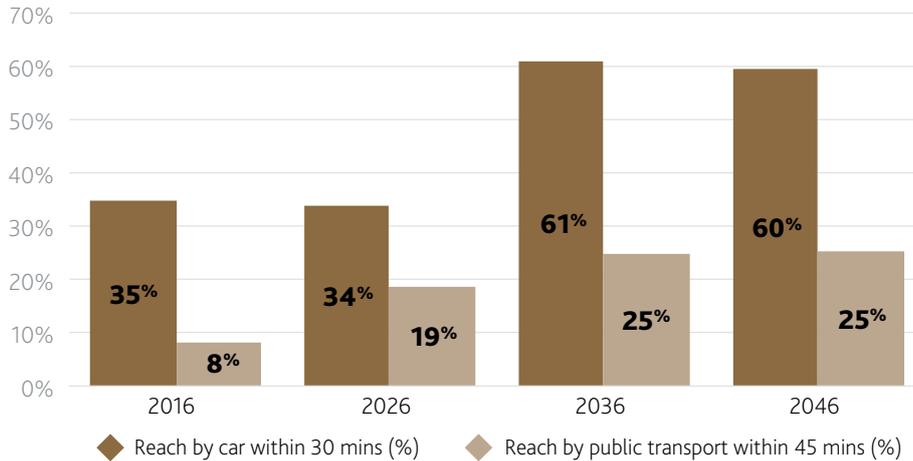
**Outcome**

# Transport and Access

**Measure 1**

## Access to jobs (Development Strategy)

### Proportion of jobs reached by car or public transport (%)



**Data**

Number of jobs accessible to the average Aucklanders in the morning peak within 30 minutes by car and 45 minutes by public transport.

**Source**

ART model outputs, Auckland Forecasting Centre.

**Frequency**

Variable – An updated version of the model is dependent on 2018 census data not yet available.

**Availability**

Data can be sourced from the Auckland Forecasting centre.

**Note**

ART model uses a combination of real data and various assumptions to predict the level and rate of change across different areas and components of the transport network. The use of modelling enables targeted interventions to be made and understood within the context of the broader network now and into the future. The model output was prepared for the 2016 Auckland Transport Alignment project (ATAP). Further refinement to the model outputs was carried out through the revised ATAP in 2018.

**As at May 2019 a real time measure was under development through the ATAP measures working group for monitoring access to jobs which could replace this measure.**

**Relevance**

For Auckland to benefit from the region's growth, it is essential for people from all parts of Auckland to have good access to the employment, education and other opportunities that growth creates. Our continued prosperity is dependent on the convenient, affordable, safe and sustainable movement of people, goods and services within Auckland, and with the rest of New Zealand and the world. Improving access to employment and education is particularly critical to boosting Auckland's economic productivity and overall prosperity (Ministry of Transport, 2014). To be productive, businesses need a wide choice of potential employees. Similarly, workers need a wide choice of potential jobs within a reasonable commute time to best match their skills and to reduce their vulnerability to long-term unemployment in the event of job loss.

**Baseline (2016)**

34.6% of jobs are accessible to the average Aucklanders in the morning peak within 30 minutes by car.

8.3% of jobs are accessible to the average Aucklanders in the morning peak within 30 minutes by public transport.

**Analysis**

Job accessibility varies significantly by mode and distance. The number of jobs accessible by public transport is expected to significantly increase over the next 30 years. In 2016, 8 per cent of jobs were considered accessible to Aucklanders within a 45-minute trip on public transport. This figure is expected to increase to 25 per cent by 2036. Access by car is also expected to increase significantly especially between 2016 and 2036. In 2016 35 per cent of jobs were considered accessible to Aucklanders within a 30-minute trip by car. This figure should increase to 61 per cent by 2036.

**(?) Trend**

A trend cannot be determined.