

# Public transport

## RESEARCH REPORTS 2006–

Information & perceptions	<ul style="list-style-type: none"> <li>➤ A narrative literature review of the effectiveness of interventions to reduce light vehicle travel 2023</li> <li>➤ Transport experiences of disabled people in Aotearoa New Zealand 2022</li> <li>➤ A pathway towards understanding Māori aspirations for land transport in Aotearoa New Zealand 2022</li> <li>➤ Working paper 1: Te Puna Taiao baseline vehicle kilometres travelled by transport activities – a research note 2022</li> <li>➤ The relationship between transport and mental health in Aotearoa New Zealand 2021</li> <li>➤ The role of real-time crowdsourced information and technology in supporting traveller information and network efficiency 2016</li> <li>➤ Pricing strategies for public transport 2016</li> <li>➤ Considering a cost-benefit analysis framework for intelligent transport systems 2016</li> <li>➤ Detailed customer requirements of travel information services, and the effectiveness of current channels 2015</li> <li>➤ Literature review of the costs and benefits of traveller information projects 2104</li> <li>➤ Customers' requirements of multimodal travel information systems 2013</li> <li>➤ A wider look at how travellers value the quality and quantity of travel time 2012</li> </ul>
Infrastructure	<ul style="list-style-type: none"> <li>➤ New Zealand's experience of transitioning to a zero-emission public transport fleet – a research note 2023</li> <li>➤ Network and asset management: benefits of real-time data 2018</li> <li>➤ The costs and benefits of inner city parking vis-à-vis network optimisation 2015</li> <li>➤ Economic benefits of park and ride 2014</li> <li>➤ Benefits and delivery risks for bus infrastructure schemes 2014</li> <li>➤ Getting more from our roads: an evaluation of special vehicle lanes on urban arterials 2014</li> <li>➤ Experience with the development of off-peak bus services 2013</li> <li>➤ Reallocation of road space 2013</li> <li>➤ Identify, evaluate and recommend bus priority interventions 2012</li> </ul>
Public transport planning	<ul style="list-style-type: none"> <li>➤ Investigation of the external noise emitted from electric buses in New Zealand and the need for acoustic vehicle alerting systems to improve road user safety 2022</li> <li>➤ Impact of half price public transport fares – a research note 2022</li> <li>➤ Developing a national measure for predictable public transport: bus, rail and ferry 2018</li> <li>➤ Assessing the value of public transport as a network 2017</li> <li>➤ Quantifying the economic and other benefits of enabling priority bus egress from bus stops 2017</li> <li>➤ Improving bus service reliability 2013</li> <li>➤ New Zealand bus policy model 2012</li> <li>➤ Appraisal of factors influencing public transport patronage 2011</li> <li>➤ Public transport network planning: a guide to best practice in New Zealand cities 2010</li> <li>➤ Measurement valuation of public transport reliability 2008</li> </ul>
Safety & security	<ul style="list-style-type: none"> <li>➤ Transport impacts on wellbeing and liveability 2020</li> <li>➤ Framework for review and prioritisation of rail safety risks in New Zealand 2017</li> <li>➤ Best practice international solutions for mitigating human factor causes of signal passed at danger 2016</li> <li>➤ International benchmarking of rail safety indicators 2016</li> <li>➤ The role public transport can play in Safer Journeys and, in particular, to advance the safe system approach 2015</li> <li>➤ School bus safety 2010</li> <li>➤ Personal security in public transport travel in New Zealand: problems, issues and solutions 2008</li> <li>➤ School journey safety - a comparative study of engineering devices 2006</li> </ul>

Integrated planning	<ul style="list-style-type: none"> <li>➤ Integrated land use and transport planning 2022</li> <li>➤ Evaluating the greenhouse gas emission reduction benefits from land transport mode shift programmes and projects 2021</li> <li>➤ Mode shift to micromobility 2021</li> <li>➤ Leveraging transport disruption to influence change 2020</li> <li>➤ Social impact assessment of mode shift 2020</li> <li>➤ Travel demand management: strategies and outcomes 2020</li> <li>➤ Urban transport modelling in New Zealand – data, practice and resourcing 2019</li> <li>➤ The assessment of the effects of small scale development proposals on the transportation network 2017</li> <li>➤ Performance indicators and measures for the place function of state highways and arterial roads in urban contexts 2015</li> <li>➤ Impact of urban form on transport and economic outcomes 2013</li> <li>➤ Living in intensified urban environments: residential self-selection and travel behaviour 2012</li> <li>➤ Generation of walking, cycling and public transport trips: pilot study 2011</li> <li>➤ The value of integrating land use and transport - Sylvia Park as a case study 2011</li> <li>➤ Forecasting the benefits from providing an interface between cycling and public transport 2010</li> <li>➤ Regional transport targets for sustainable transportation in New Zealand 2010</li> <li>➤ Incorporating sustainable land transport into district plans 2008</li> <li>➤ Intelligent transport systems: what contributes best to the NZTS objectives? 2006</li> </ul>
Demographics	<ul style="list-style-type: none"> <li>➤ Accessibility: its role and impact on labour and housing markets in New Zealand’s main metropolitan areas 2021</li> <li>➤ Impacts of socio-demographic changes on the New Zealand land transport system 2018</li> <li>➤ The influence of internet use on transport demand 2018</li> <li>➤ The future of employment and economic activity and its transport and land use implications 2018</li> <li>➤ Public transport and the next generation 2015</li> <li>➤ Travel adaptive capacity assessment for particular geographic, demographic and activity cohorts 2012</li> <li>➤ Demand for transport services: impact on networks of older persons’ travel as the population of New Zealand ages 2012</li> <li>➤ Trends in older people’s travel patterns 2009</li> </ul>
Economics	<ul style="list-style-type: none"> <li>➤ Incorporating and assessing travel demand uncertainty in transport investment appraisals 2017</li> <li>➤ The economic impacts of connectivity 2017</li> <li>➤ Demonstrating the benefit of network operation activities 2016</li> <li>➤ Measuring the value of the movement of people and goods to inform the One Network Road Classification functional categories criteria 2016</li> <li>➤ Regionalisation of the national land transport demand model 2016</li> <li>➤ Travel time saving assessment 2015</li> <li>➤ Travel time predictability 2014</li> <li>➤ Transport productivity and sub-industry measures 2014</li> <li>➤ Drivers of demand for transport 2013</li> <li>➤ National long-term land transport demand model 2013</li> <li>➤ Econometric models for public transport forecasting 2013</li> <li>➤ The contribution of public transport to economic productivity 2013</li> <li>➤ The costs of congestion reappraised 2013</li> <li>➤ The benefits of public transport – option values and non-use values 2012</li> <li>➤ Feasibility study of a national trip-end model for New Zealand 2010</li> <li>➤ Managing transport challenges when oil prices rise 2008</li> <li>➤ Impacts of transport fuel price changes on New Zealand transport 2007</li> </ul>

<b>Investment</b>	<ul style="list-style-type: none"> <li>➤ Monetised benefits and costs manual (MBCM) parameter values 2023</li> <li>➤ Incorporating distributional impacts (equity) in the cost-benefit appraisal framework 2022</li> <li>➤ Benefits realisation review and assessment 2022</li> <li>➤ Database of quantification and monetisation methodologies and value proxies for non-monetised benefits 2022</li> <li>➤ Cost-benefit appraisal methods for interrelated and interdependent projects/schemes 2021</li> <li>➤ Ex-post evaluation of transport interventions using causal inference methods 2017</li> <li>➤ Evaluation of the effectiveness of the New Zealand Transport Agency's procurement policy 2017</li> <li>➤ Assessing new approaches to estimating the economic impact of transport interventions using the gross value added approach 2015</li> <li>➤ Pricing strategies for public transport 2016</li> <li>➤ Improving the cost-benefit analysis of integrated PT, walking and cycling 2013</li> <li>➤ Economic appraisal of public transport service enhancements 2013</li> <li>➤ Experience with value-for-money urban public transport system enhancements 2013</li> <li>➤ Development of a public transport investment model 2013</li> <li>➤ Economic development benefits of transport investment 2008</li> </ul>
<b>Access</b>	<ul style="list-style-type: none"> <li>➤ COVID-19 transport behaviour change - a research note 2020</li> <li>➤ The New Zealand accessibility analysis methodology 2013</li> <li>➤ The social impacts of poor access to transport in rural New Zealand 2012</li> <li>➤ Demand responsive passenger transport in low-demand situations 2011</li> <li>➤ Attitudes and behaviour in relation to public transport in New Zealand's non-metropolitan regions 2010</li> <li>➤ Auditing public transport accessibility in New Zealand 2010</li> <li>➤ Accessibility planning methods 2008</li> </ul>