

Transport Investment Online (TIO) user guide

National Land Transport Programme 2024–27

Benefits and measures

These user guides help you complete specific tasks in TIO, and supplement the context-based help text in TIO.

[Access TIO guidance on our website](#)

This guide provides an introduction to the information required on benefits and measures for activities and programmes for the 2024–27 National Land Transport Programme (NLTP), and how and where to enter it in TIO.

This guide focuses on adding benefits and measures for improvement activities, which require more detail. For benefits and measures in continuous programmes, see the TIO guides for those programmes on our website.

Background

Waka Kotahi NZ Transport Agency and our investment partners invest in land transport to provide benefits to New Zealanders. But in order to know that our investment is successful, and that the money was well-spent, we need to know whether it has provided the benefits it was expected to provide.

We developed the [Land Transport Benefits Framework](#) so we have a consistent way of measuring benefits across all projects and across time. This means we can make sure we're investing in the things that matter to the government and New Zealanders, and that our investments are delivering the expected outcomes. It also means we can all learn from what we've done in the past.

The benefits framework must be used in all investment proposals to the NLTP. For more about benefits and measures and the benefits framework, read the [benefits management guidance on our website](#).


What's new or changed?

We've updated the benefits and measures pages for the 2024–27 NLTP. The key changes are:

- A page has been added for recording the strategic benefits and measures.
- The 'Summary' page now summarises the information entered in both the 'Strategic benefits and measures' and 'Other benefits and measures' pages.



Helpful tips

- Click the question mark in each field to bring up help text about what needs to be in that field. 
- When there is an asterisk next to heading for a data field this means it is a mandatory field that must be populated before you can complete your application.

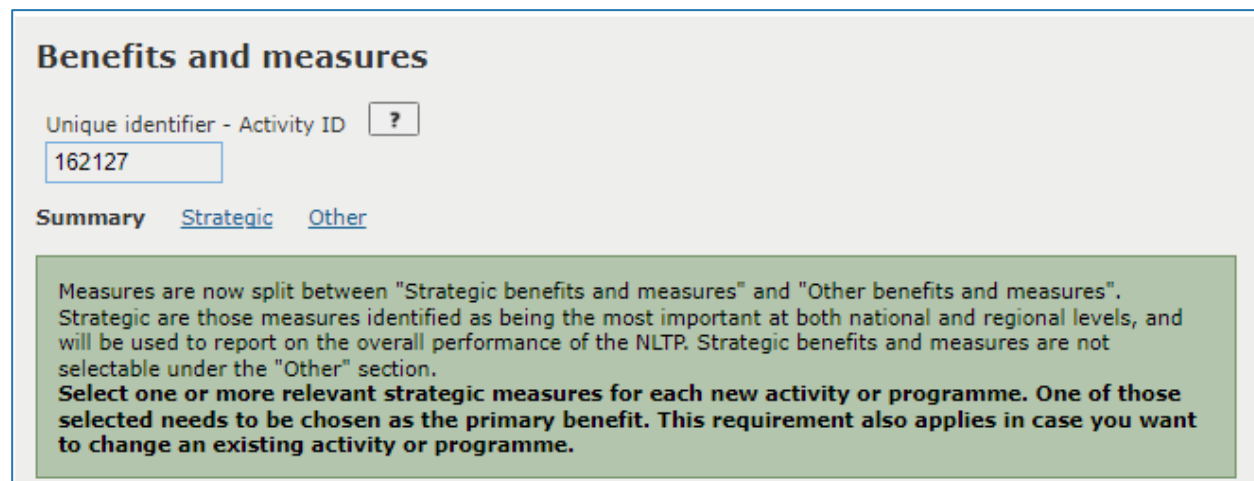
Entering your benefits and measures into TIO

Benefits and measures need to be added in TIO for programmes and activities, for example for a regional land transport programme (RLTP) or for an improvement activity.

The templates for each programme and activity include pages where you record the benefits expected, and the appropriate measures taken from the [Land Transport Benefits Framework](#).

There are three separate benefits and measures pages:

- 'Strategic'
- 'Other'
- 'Summary'.



Benefits and measures

Unique identifier - Activity ID

[Summary](#) [Strategic](#) [Other](#)

Measures are now split between "Strategic benefits and measures" and "Other benefits and measures". Strategic are those measures identified as being the most important at both national and regional levels, and will be used to report on the overall performance of the NLTP. Strategic benefits and measures are not selectable under the "Other" section. **Select one or more relevant strategic measures for each new activity or programme. One of those selected needs to be chosen as the primary benefit. This requirement also applies in case you want to change an existing activity or programme.**

Strategic benefits and measures

1. The first page you will come to when entering a new activity is the 'Strategic benefits and measures' page, where you enter your primary benefit and strategic benefits and measures.

To enable consistent and accurate reporting on activities and programmes within the National Land Transport Programme (NLTP), 14 strategic measures have been identified from the benefits framework to be used for the 2024–27 NLTP, and these are listed on this page.

2. Choose the strategic benefits that are relevant to the activity using the checkboxes on the left-hand side of the screen.
3. Then choose one of the selected benefit measures as the primary benefit. No benefit or measure is able to be selected as the primary benefit until it has been selected as being relevant to the activity.

The following screenshot shows the checkboxes for including a benefit measure and selecting the primary benefit. In the example, the benefit measure *1.1.1 Collective risk* is selected as the primary benefit, and *1.2.1 Road assessment rating – roads* is also selected as a strategic measure. Both of these measures contribute to the outcome of *Healthy and safe people*

Note: For continuous programmes – public transport, and maintenance, operations and renewals for state highways and local roads – it is sufficient to select at least one strategic benefit and specify the primary benefit. Information on the baseline and forecast are not required to be entered.

Benefits and measures

Unique identifier - Activity ID

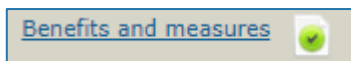
[Summary](#) [Strategic](#) [Other](#)

Strategic benefits and measures							
Outcome	Benefit	Primary benefit	Measure	Baseline	Forecast	Unit of measure	
<input checked="" type="checkbox"/>	1. Healthy and Safe People	1.1. Impact on social cost of deaths and serious injuries	<input checked="" type="radio"/>	1.1.1. Collective risk (crash density)	<input type="text" value="1.200"/>	<input type="text" value="0.800"/>	Average annual fatal and serious injury crashes per km of road section
<input type="checkbox"/>			<input type="radio"/>	1.1.3. Deaths and serious injuries	<input type="text"/>	<input type="text"/>	Average annual number of deaths and serious injuries
<input type="checkbox"/>			<input type="radio"/>	1.1.4. Personal risk (crash rate)	<input type="text"/>	<input type="text"/>	Average annual fatal and serious injury crashes per 100M vehicle-kms
<input checked="" type="checkbox"/>		1.2. Impact on a safe system	<input type="radio"/>	1.2.1. Road assessment rating - roads	L <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> H	L <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> H	Infrastructure risk rating
<input type="checkbox"/>	4. Resilience and security	4.1. Impact on system vulnerabilities and redundancies	<input type="radio"/>	4.1.1. Availability of a viable alternative to high-risk and high-impact route	<input type="text"/>	<input type="text"/>	Percentage of high-risk, high-impact routes with a viable alternative

- For your selected measures, enter a baseline and a forecast. For quantitative measures, the baseline and forecast will generally be a number – ensure that you're using the correct unit of measurement. For qualitative measures, include a brief description for the baseline and forecast.

For more information, including definitions for a baseline and a forecast, see our [Benefits management guidance](#).

- Once you've completed this page, select 'Save & next' to move to the next page. The checkbox for 'Benefits and measures' on the left of the screen should contain a green tick.



Other benefits and measures

- The next page you will come to is 'Other benefits and measures', which will initially have no information apart from the activity ID. If you wish to add additional benefits and measures, then select 'Add another benefit' as indicated below. In many cases the benefits and measures will be fully represented by the strategic benefits and measures and no additional information will be entered through this page.

Note: For continuous programmes, it will not be necessary to enter any data in this screen – you can simply go back to the previous screen.

Benefits and measures

Unique identifier - Activity ID

[Summary](#) [Strategic](#) [Other](#)

Benefit and measure summary <input type="text" value=""/>				
Transport sector outcome	Benefit cluster	Benefit	Quantitative measure(s)	Qualitative measure(s)
<input type="button" value="Add Another Benefit"/>				

- If you have chosen to add another benefit, in the 'Benefit' section of the screen choose the transport outcome, benefit cluster and benefit sequentially from the dropdown lists.
- Then select the individual measures related to the benefit. You can choose quantitative or qualitative measures. Select the measure and input the baseline value or description of the measure. If you have sufficient information, also include the expected ranges of values or description of the measure for the do-minimum and the investment.

Benefit

*Select transport sector outcome class

Input community outcome

*Select benefit cluster

Select benefit

You must discuss any alternative benefits with your Waka in this field

Input approved alternative benefit

Quantitative measure(s)

* Measure

* Baseline (including unit of measure)

OR

Input alternative quantitative measure

73 character(s) remaining

- Click 'Save' at the bottom of the screen to return to the 'Other benefits and measures' page, or click 'Save and exit' to continue to the 'Benefits and measures – summary' page.

Summary of benefits and measures

- The 'Summary' page contains those benefits and measures selected in the 'Strategic' and 'Other' pages. If you want to make any changes, from here you can click 'Edit strategic benefits' and 'Edit other benefits' to return to the relevant screens.
- To continue to the next page of the template you are completing, click 'Next'.

Video step-through guide for benefits and measures

Click on the image below to watch a video of an online session introducing benefits and measures for the 2024–27 NLTP and how to enter the required information into TIO, or click the links in the video contents list to jump to that section.



Video contents

Introduction	0.00
Introduction to the benefits framework	3.11
Strategic measures	9.40
Benefits framework guidance	11.38
Step-through of benefits module	17.15
Questions and answers	36.25

Frequently asked questions

How many benefits and measures do I need to include?

Generally, you should select a handful of benefits and measures (5 or 6) that reflect the most material benefits of the programme in the TIO benefits and measures module.

Are benefits and measures required for every work category for a continuous programme?

No, benefits and measures are not expected for each work category but should be focused at the programme level for activity management plans (AMP), maintenance, operations and renewals (MOR) and public transport (PT) continuous programmes.

When should I enter benefits and measures into AMP/MOR/PT continuous programme templates via TIO?

We expect you to only enter benefits and measures on the 'Strategic benefits and measures' page for these programmes. Estimating these, including the assignment of a primary benefit, should be entered as part of the initial bid process for the 2024–27 NLTP submission. However, you will be able to continue to refine the benefits and measures related to your continuous programme until your AMP is finalised, as late as June 2024.

Further information

- [Read benefits management guidance on our website](#)
- [Find key dates for 2024–27 NLTP development are on our website](#)
- For more technical support about TIO contact tio.support@nzta.govt.nz or, if it relates to NLTP development, contact us at nltp@nzta.govt.nz.