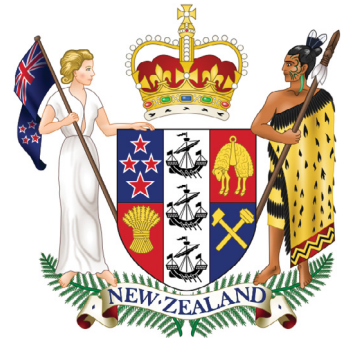


Do good, better.



**Te Whare Whakapiki Wairua
The Alcohol and Other Drug Treatment Court
ImpactLab GoodMeasure Report
October 2022**

ImpactLab
GoodMeasure Report

Wellington, New Zealand

Prepared for:
AODTC
Te Whare Whakapiki Wairua

October 2022

ACKNOWLEDGEMENTS

We would like to thank Judge Lisa Tremewan, Ash Prasad, Angela Johnston, Grace Ramsay, Sgt Jared Cuff, and especially thank the AODTC Te Whare Whakapiki Wairua team who contributed to the preparation of this report by sharing their values, processes, evidence and experience.

Cover image caption:

Manuhiri coming on to Ōrākei marae for the first AODTC graduates (He Takitini) pounamu ceremony, March 2015.

Enquiries to:

ImpactLab
187 Featherston Street
Wellington
info@impactlab.co.nz



Simplifying social impact measurement

I had the privilege in public life to work with people who understood the need for positive change in the lives of those around them and worked hard to achieve it.

Our social services do a tremendous job of bringing positive change to our most deserving individuals and communities. These organisations are built by volunteers and community workers who dedicate their lives to helping others.

Social service workers can see the positive impact of their work. Children thriving, families united, jobseekers in new employment and people empowered to change their life course.

With more tools they could do more good. I want to help them by finding ways to make sure that effort is recognised, results are measurable and they can make decisions about how to do more good.

ImpactLab grew from a desire to make available to community organisations tools that use the power of public information and the latest technology, so these organisations can change more lives.

By measuring social change and positive outcomes, ImpactLab enables charities and social service providers to speak the language of funders, investors and governments.

It has been a pleasure to work with the AODTC Te Whare Whakapiki Wairua to learn how this organisation changes lives throughout New Zealand.

Calculating social value helps inform decision making and investment and enables you to do good, better.

Thank you for joining us on this journey.

Sir Bill English
ImpactLab Chairman

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Who we are

The team at ImpactLab share the goal of helping all organisations do good, better.

Our story

Our team at ImpactLab has seen the power of understanding social change. Our founders came together working in the public sector, where we led the development of new processes to link social value measurement with decision making. We believe that all organisations should be able to understand and improve their social impact. Our mission is to help impact creators and investors make decisions that change more lives.

Our team

To make better decisions, it's crucial to consider both the hard facts and the human stories that substantiate them. Our family of researchers, data scientists and statisticians are committed to combining powerful analytics with what you know works for your community.

Alongside expertise in data-driven decision making, our team brings a wealth of real-world experience. We are parents, teachers, volunteers and customers of social services.

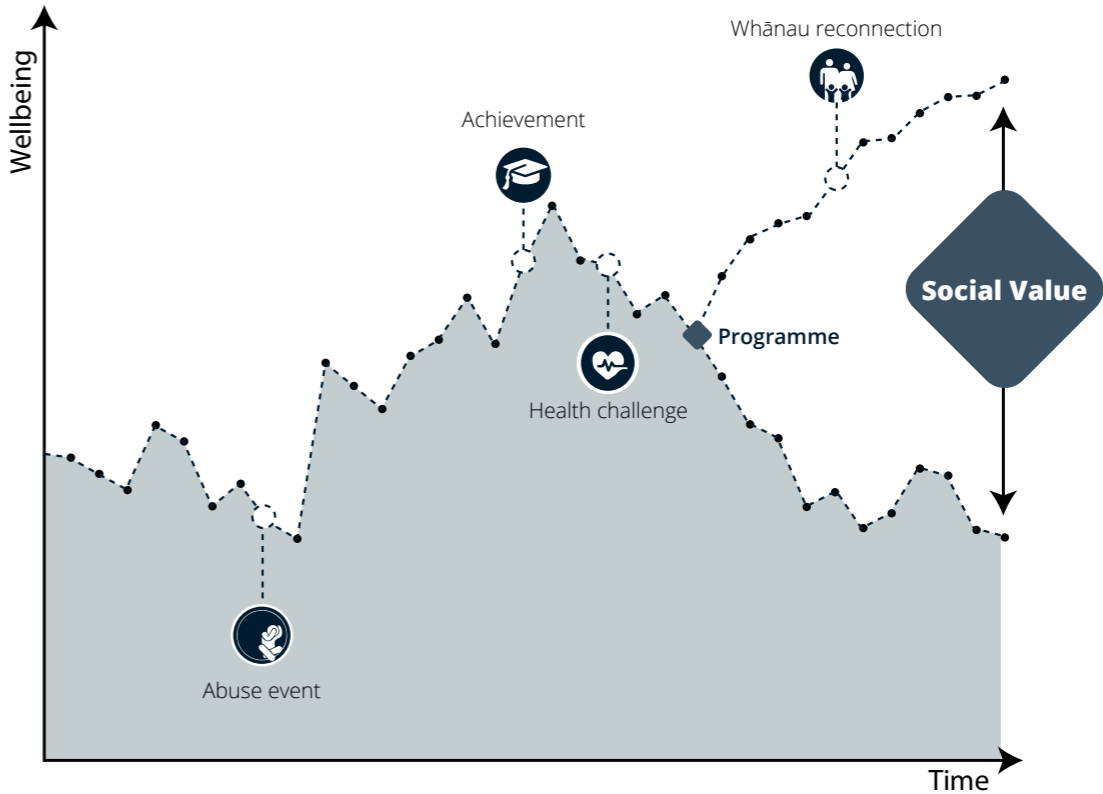
Our partners

ImpactLab is proud to be partnering with trust company Perpetual Guardian. Together we are using GoodMeasure to improve strategic grantmaking and support collaboration with grantees by applying a consistent measurement framework.



"The strength of ImpactLab is a real depth of experience in a public policy context. They understand what evidence would be helpful to enable us to make decisions for the future"

- Debbie Sorenson, CEO, Pasifika Futures



Understanding social value

Social value is the social impact in dollar terms that a programme achieves for participants over their lifetime.

Throughout our lives, different events occur which impact our overall wellbeing trajectory. ImpactLab measures the impact on an individual's wellbeing across multiple domains when they're supported by a programme to make positive changes in their life.

We measure this impact in terms of both positive benefits (such as increased income) and avoided costs to government.

To calculate social value, we combine these impact values with

- ◆ Evidence from global literature about how effective a programme can be.
- ◆ The size of the opportunity for the people an organisation serves to achieve more positive outcomes.
- ◆ The number of people supported.

By combining these inputs, the social value calculation helps us understand how a programme or intervention helps change lives for the better. We combine the social value with cost information to calculate a programme's social return on investment.

How we measure social value

Our consistent approach to measurement enables comparisons across wellbeing domains and over time.

Map programme dimensions

ImpactLab engages with providers to understand their people, their service and the outcomes they seek to achieve.

Clean and analyse data

ImpactLab uses the best of data about people's lives to understand what works, for whom, at what cost. We combine publicly available insights from the NZ Treasury, NZ Statistics and other sources. Impact values produced using Statistics NZ's Integrated Data Infrastructure are a particularly valuable resource. The IDI is a dataset containing information on every New Zealander about many areas of their lives – education, health, social welfare, employment and others. It's anonymised, so we can't identify anyone. This adds up to over 166 billion facts, for nine million New Zealanders (some have left the country, and some have passed on), for more than a generation of us.

Collect and synthesise literature

ImpactLab draws on the best academic impact literature from around the world. We access globally screened evidence from top universities and governments to estimate how impactful a programme can be. We also identify service delivery model features associated with the most effective programmes.

Calculate impact

Our algorithm combines New Zealanders' life experiences, with the wisdom about what works from the brightest minds across the world, with what we know about need in communities.

This combination of system level insights and grassroots know-how means we can consistently calculate the expected impact of a programme, and the social return on investment.

Map social value to frameworks

Because we start with individuals' experience, we can organise our insights into the relevant government and international frameworks. The New Zealand Treasury's Living Standards Framework (Living Standards Framework) is the Treasury's way of systematising wellbeing. It has four 'capitals' – social capital, financial and physical capital, human capital and natural capital. ImpactLab's GoodMeasure tool links the social value and return on investment created to domains within human capital.

We can also map social value and return on investment to the relevant OECD Sustainable Development Goals.

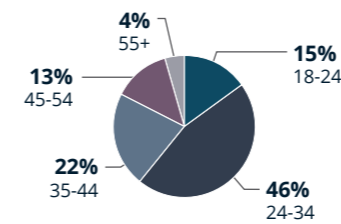


Period in scope
Apr 2019 – Mar 2020
Waitākere AODTC

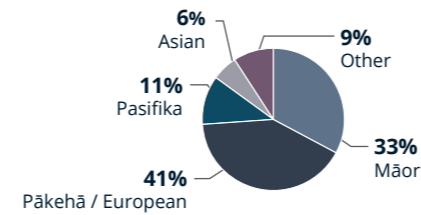
Participants

Participant group	#
Graduating participant (maximally engaging)	21
Pre-graduation participant (sufficiently engaging)	9
Exiting early	16
Total	46

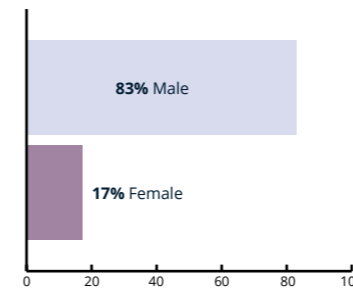
Age



Ethnicity



Gender



Location
New Zealand



The AODTC Te Whare Whakapiki Wairua's people

The AODT Court team is made up of the Judge, Police prosecutor, defence counsel, clinical case managers, peer support workers, the Pou Oranga (Māori cultural advisor with experience of wellness and substance use recovery), and probation officers, supported by a Court coordinator. The team is led by the Judge, and works collaboratively to support participants to address their underlying substance use disorder, while still holding them to account for their offending.

Further information about each team member's role is outlined below:

Prosecutor

The Police prosecutor's role includes informing the Court of victims' views and providing relevant information about the participant.

Defence Lawyer

The role of the defence lawyer is to provide services that advocate for and represent participants to ensure their legal rights are protected.

Clinical Case Manager

Clinical case managers coordinate the treatment programme to ensure it is individually tailored for participants to address their substance use disorder. They regularly report back to the AODT Court team as to how participants are progressing with their treatment. Treatment plans can be adjusted throughout to respond to the needs of the case.

Peer Support

Peer support workers have lived experience of recovery (and frequently also have experience of the criminal justice system) and provide mentoring and support to participants while they're working through the AODT Court programme. They also sometimes contribute to team discussions important information about participants' progress.

Pou Oranga

The Pou Oranga has expertise in te reo Māori and tikanga, along with experience of substance use recovery and wellness. Their role involves role modelling and providing advice and guidance to the team and to the Court to ensure that kaupapa Māori principles are respected and included in the Court process and treatment plan.

Probation Officer

Specialist probation officers represent Ara Poutama Aotearoa – Department of Corrections. They attend pre-Court meetings and determination hearings, facilitate graduates' transition to the Probation Service, and proactively manage graduates' community-based sentences, where continued focus is on ensuring they maintain activities that support their recovery.

Court Coordinator

The Court co-ordinator helps manage relationships and the flow of information between external stakeholders and the AODT Court team, including overseeing drug testing results.

The change journey

There are three phases that participants work through during the AODT Court and each phase can take about 6 months. Engagement with and involvement from whānau/family is also pro-actively encouraged by the Court throughout all phases. Also, throughout the whole of the Court programme, participants undergo drug testing and attend recovery meetings such as Alcoholics Anonymous (AA), Narcotics Anonymous (NA) or SMART recovery. The fellowship which such meetings provide offers mutual support for those attending.

While in the programme, participants are expected to help out in their community by doing some voluntary community service. Community service can teach them new skills and sometimes leads to paid work. Participants start to see themselves as contributors to society rather than offenders.

The court takes an evidence-based approach to its work including, for example, processes shown to be effective in achieving behavioural modification. This may include incentives (rewards) to acknowledge when a participant has been doing things well and to recognise their progress. Moving up a phase and receiving tags and medals to celebrate sobriety milestones and phase rewards are examples of incentives.

Phase 1

Participants settle into the Court's programme and start their recovery journey. They do this by engaging in alcohol and other drug (AOD) treatment.

There are different types of treatment depending on the needs of the case, and in most cases combinations of treatments would be required.

Some examples of treatments might include:

- residential treatment (live-in);
- treatment programme in the community (sometimes called 'intensive outpatient');
- group sessions;
- one-on-one counselling;
- supported accommodation (independent living in a recovery community);
- treatment 'after-care' and relapse-prevention meetings – these help the participant to maintain abstinence and achieve goals.

Phase 2

Participants continue their treatment plan and receive support as they rebuild their lives by attending other programmes depending on their needs (such as counselling, stopping violence, parenting, road safety, literacy). They also commence their voluntary community service if that has not already started.

If the participant's offending involves a victim/s who would like to meet them, a Restorative Justice meeting will be held, if appropriate. This gives the participant the chance to meet any victim face-to-face and to take responsibility for their actions. This meeting can also be important to give victims a voice and to hear participants explain the progress they are making.

Phase 3

Participants complete their treatment plan and develop an ongoing maintenance plan with their Case Manager. Participants begin reintegrating into the community by finding suitable employment or study, accommodation and positive activities that will support them in their life after leaving the AODT Court programme.

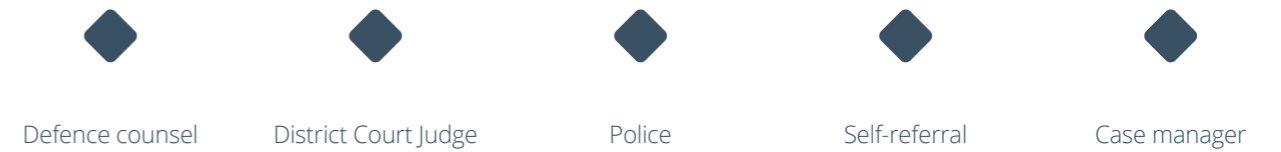
To graduate the AODT Court, a participant must finish the three phases and demonstrate to the judge they're ready to graduate. At graduation, the judge will sentence the participant. Graduating the AODT Court means a participant will receive a community-based sentence and will not go to prison. The judge will also decide if further orders should be made, such as the paying of reparation to a victim.

A participant's community probation officer will provide intensive supervision and appropriate support for the graduate's ongoing journey. Graduates will be judicially monitored as a requirement of their sentence. This means that the AODT Court judge will continue to monitor (check on) a participant's progress and their probation officer will give regular updates to the Court while a participant is on their sentence. Graduates are invited to join the court's alumni group of graduates, called He Takitini. Special ceremonies (to which leading dignitaries are invited) are regularly held to celebrate and acknowledge their achievements and commitment to their ongoing recovery.

Outcomes map

The outcomes that the AODTC Te Whare Whakapiki Wairua aims to achieve and how these are reflected in the GoodMeasure calculation.

Referral channels



Client description

People whose offending is being driven by an unresolved substance use disorder

Intervention structure



GoodMeasure outcomes

These outcomes directly contribute to this year's social value calculations.

- Reduce addiction
- Reduce offending*
- Reduce victimisation: (Assault, Burglary, Serious driving-related offending, Theft)
- Reduce risky behaviour
- Reduce family violence
- Reduce smoking
- Improve mental health
- Improve physical health
- Increase driver licensing
- Increase employment

Additional outcomes

These outcomes do not directly contribute to this year's social value calculations.

- Increase social connectedness
- Increase emotional regulation
- Increase resilience
- Increase mana
- Improve cultural identity
- Improve connection to Te Ao Māori
- Improve connection to Te Ao Turoa
- Improve relationships
- Increase contribution to mental health and addiction workforce
- Reduce family separation

* The reduce offending outcome considers general costs of offending and incarceration, it does not in this case consider the specific alternative cost of imprisonment based on graduates' indicative sentences.

GoodMeasure results summary

Every year, the AODTC Te Whare Whakapiki Wairua delivers \$2,740,658 of measurable good to society in New Zealand.

The AODTC Te Whare Whakapiki Wairua's real-world value is even greater than this, as some outcomes such as increased social connectedness cannot yet be directly quantified with available data.

When we consider the operating costs of the AODTC Te Whare Whakapiki Wairua, we can calculate the social return on investment that is generated for every dollar that is invested in the programme.

Social value per person (maximally and sufficiently combined):	\$91,355
Social value per maximally engaging (graduating):	\$112,152
Social Value per sufficiently engaging:	\$42,830
Measurable benefits as proportion of programme cost:	200%
Cost of the programme per participant:	\$30,306

The Living Standards Framework is a practical application of national and international research around measuring wellbeing.

It was designed drawing from the Organisation for Economic Co-operation and Development's (OECD) internationally recognised approach, in consultation with domestic and international experts, and the NZ public.

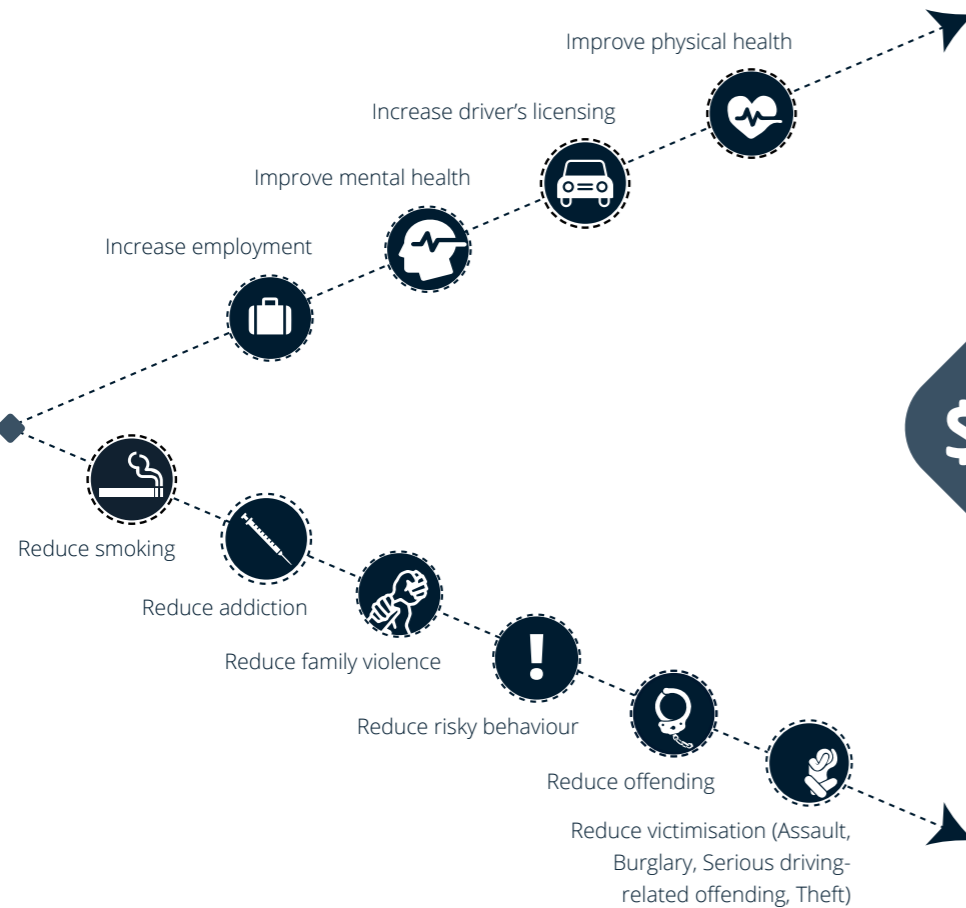
Definitions

Jobs and Earnings:
Freedom from unemployment

Income and Consumption:
People's disposable income

Health: People's mental and physical health

Safety: People's safety and security and freedom from risk of harm



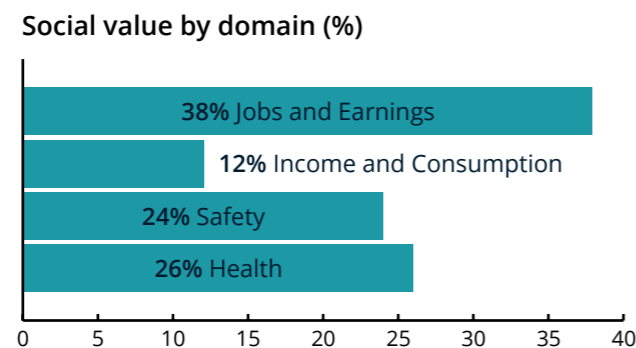
This means that every dollar invested in AODTC Te Whare Whakapiki Wairua delivers **\$2.00** of measurable good to New Zealand.

(April 2019 – March 2020)

Social value breakdown

The AODTC Te Whare Whakapiki Wairua creates social value across different aspects of people's lives.

This chart shows the breakdown of social value created according to the Living Standards Framework. Each domain highlights a different aspect of well-being.



GoodFeatures

GoodFeatures are actionable insights drawn from literature. Research has connected these actions with positive outcomes for participants.

Use GoodFeatures to prompt discussion about your programme and service delivery compared to examples of effective practice from international literature.

◆ Structure

- The programme is delivered in a culturally grounded, informed and relevant way that considers the values, language and identity of the participants.
- The programme screens participants for key risk criteria such as substance use disorder severity, mental and physical health status, financial hardship and social support.
- The programme's goals and strategies are tied to measurable success indicators, with progress monitored and relevant aspects of service delivery revised accordingly.
- The programme strives to adhere to the Adult Drug Court Best Practice Standards as laid out by the National Association of Drug Court Professionals (NADCP).

◆ Treatment

- The programme provides higher intensity treatment for a longer duration for participants with severe addiction issues and pre-existing psychiatric disorders.
- The programme recognises the link between increased average duration of drug treatment and reduced incidences of recidivist events by supporting participants' recovery for as long as is required.
- The programme's treatment duration is a minimum of three months.
- The programme's treatment plan emphasises participants acquiring new skills and tools for avoiding drug use and criminal behaviour.
- The programme utilises a multi-modal therapeutic approach to assess and improve participants' physical health.
- The programme emphasises the brain's capacity to heal from substance use disorder and the subsequent ability this provides participants to lead productive and healthy lives following effortful engagement with treatment services and total commitment to their recovery.
- The programme encourages participants to engage in regular physical activity such as attending a gym or playing organised sports.
- The programme equips participants with the emotional and behavioural self-regulation skills required to prevent re-offending by providing constructive educational activities which emphasise the negative consequences of re-engaging in past habits and the positive consequences of not doing so.
- The programme refers participants to smoking cessation support services where required.

◆ Integration

- The programme increases participants' employability potential by facilitating obtaining a full driver's licence.
- The programme expects participants to be engaged in employment or developmental education and training before graduating.
- The programme provides transitional support to ensure participants find suitable and stable housing following graduation.
- The programme offers participants opportunities for work experience and technical skill acquisition throughout the treatment period.
- The programme facilitates the successful re-entry of participants into the community through developing individualised reintegration plans and providing comprehensive transitional support services.

References and further reading

In compiling our reading lists we consider a wide variety of topics, focussing on specific aspects of service delivery or outcome attainment. Here is a selection of readings that may be of interest.

- Carey, S. et al.** "Buffalo OIC Process, Outcome and Cost Evaluation Full Study Detailed Report." *NPC Research*, 2021.
- Carey, S. et al.** "Exploring the Key Components of Drug Courts: A Comparative Study of 18 Adult Drug Courts on Practices, Outcomes, and Costs." *NPC Research*, 2008.
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- Trood, M. et al.** "The effects of judicial supervision on recidivism of offenders in Australia and New Zealand: a systematic review and meta-analysis." *Psychiatry, Psychology and Law*, vol. 29, iss. 5, 2022, pp. 651-678.



Whether you're funding change-making organisations or delivering the services that make a difference, GoodMeasure simplifies impact measurement so you can learn what works and make a bigger impact.

We take great pride in providing a research process that our customers can trust. GoodMeasure's power comes from calculations using multiple reputable data sources, including the Living Standards Framework. GoodMeasure also uses the best of the worldwide evidence about what works. This includes published literature and evidence databases from world renowned academics and impact organisations.

Contact us

www.impactlab.co.nz

info@impactlab.co.nz

Understanding social value

Throughout our lives, different events occur which impact our overall wellbeing trajectory. ImpactLab measures the impact on an individual's wellbeing across multiple domains when they're supported by a programme to make positive changes in their life.

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GoodMeasure for the AODTC Te Whare Whakapiki Wairua

In the period in scope, the AODTC Te Whare Whakapiki Wairua delivered \$2,740,658 of measurable good to society in New Zealand.

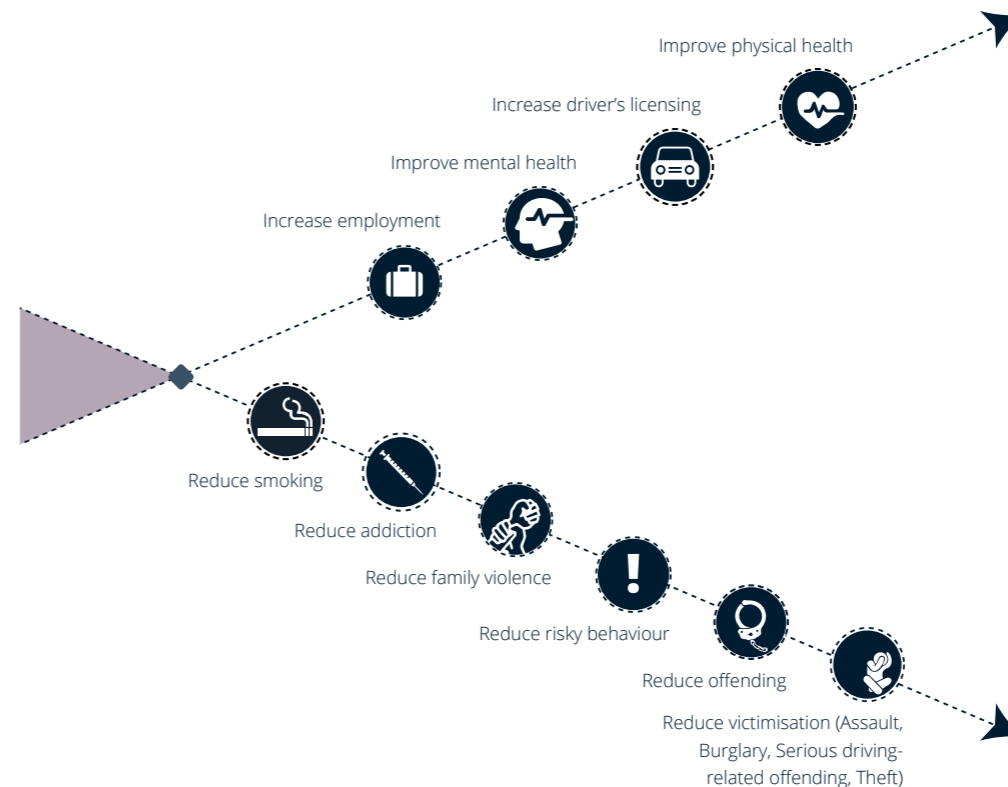
Understanding the AODTC Te Whare Whakapiki Wairua's impact
The Court strives to reduce re-offending, reduce alcohol and other drug consumption and dependency, reduce the use of imprisonment, positively impact on health and wellbeing and be cost-effective.

What does the AODTC Te Whare Whakapiki Wairua do?

The Court provides an evidence-based treatment pathway that includes intensive monitoring, case management, drug testing, and mentoring. The AODT Court has adapted international best practice principles appropriate for Aotearoa New Zealand. For example, the programme pro-actively responds to cultural advice and includes the integration of Māori cultural practices into Court processes. Also, peer support workers (usually graduates of the Court themselves) are employed within the court to walk alongside participants demonstrating the recovery journey first-hand.

Whom does the AODTC Te Whare Whakapiki Wairua serve?

The Court aims to break the cycle of offending by treating the causes of that offending. It provides an alternative to imprisonment for people whose offending is being driven by alcohol and/or drug substance use disorders by providing judicial oversight of their comprehensive engagement with treatment programmes and rehabilitation support services.



GoodMeasure outcomes

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The AODTC Te Whare Whakapiki Wairua's impact



Social value definition

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When we take into account the operating costs of the AODTC Te Whare Whakapiki Wairua, we can calculate the social return on investment that is generated for every dollar in the programme.



Appendix

Below is a list of definitions of key terms contained in this report.

Amount invested

The dollar amount that has been invested in a specific programme, in New Zealand dollars.

Cost per person

The dollar amount invested in the programme divided by the number of people supported by the programme (including those who did not successfully complete it).

Domain

A domain is a way of dividing or filtering the subject and outcome material in your ImpactLab results. ImpactLab refer to domains as per the New Zealand Treasury's Living Standards Framework domains.

Population

The group of people supported by the programme, in terms of age, gender, and ethnicity.

Programmes

The services delivered by the provider for the amount invested.

Social ROI

This is the Social Return on Investment. It is calculated by comparing the social value generated by the programme to the amount invested in it.

Social Value

The social impact in dollar terms that the amount invested achieves for participants over their lifetime. The social value is calculated by combining impact values with a service delivery quality score, the size of the opportunity to support a population, and the number of people supported.

Attribution

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Disclaimer

This disclaimer sets out important information about the scope of our (ImpactLab Limited) services. It should be read in conjunction with the contract that we have entered into with you (or your company/organisation) for our services, including the applicable terms and conditions.

We have endeavoured to ensure that all material and information on GoodMeasure, including all ROI calculations and impact numbers (together the information) is accurate and reliable. However, the Information is based on various sources, including information that you have provided to us, which we do not independently verify. Accordingly, we do not provide any representations or warranties in relation to any information, including any representations or warranties relating to the accuracy, adequacy, availability or completeness of the information or that it is suitable for your intended use. We do not provide advice or make any recommendations in relation to decisions, financial or otherwise, that you may make.

