Hoea te waka: Indigenous suicide prevention outcomes framework and evaluation processes - Part 1

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Kahu McClintock
Te Rau Matatini

Rachel McClintock
Te Rau Matatini

Abstract

In 2014, the first dedicated national Māori Suicide prevention approach coupled with a Pasifika programme was launched, profiled as the Waka Hourua National Suicide Prevention Programme 2014 – 2017 funded by the Ministry of Health. Te Rau Matatini, a national Māori non-government organisation and their Pasifika partner organisation Le Va, established and offered the programme. The “Hoea te waka: Indigenous suicide prevention outcomes framework and evaluation processes” article provides a summation of the outcomes framework and evaluation methodology utilised for the Waka Hourua National Suicide Prevention Programme 2014 - 2017 with particular focus on the 47 Māori community fund projects.

Keywords: Suicide prevention, Māori community, outcomes framework.

Introduction

In Aotearoa (New Zealand) the prevention of suicide presents as both complex and challenging. Official suicide data (Ministry of Justice, 2017) shows that suicide has continued to increase. Unfortunately, this situation infers that no single initiative or organisation on its own, has been successful in the prevention of suicide and particularly so for the Māori population (indigenous to Aotearoa). A comprehensive and coordinated approach had been recommended by the government and one that requires partnership with the community (Ministry of Health, 2013).

The New Zealand Suicide Prevention Strategy 2006–2016 (Ministry of Health, 2013), recommended cross-government suicide prevention. In addition, the strategy advocated for processes specifically relevant to Māori to build the capacity of Māori whānau (family), hapū (subtribe), iwi (tribe), and communities to prevent suicide (Ministry of Health, 2013). This was to be supported by stronger leadership and culturally relevant education and training. The combined development was to address the unacceptable high prevalence of suicides experienced by the Māori population.

In 2014, the first dedicated national Māori suicide prevention approach coupled with a Pasifika
approach, the Waka Hourua National Suicide Prevention Programme 2014 – 2017 (Waka Hourua Programme) was launched. Te Rau Matatini, a national non-government organisation and their partner organisation Le Va, funded by the Ministry of Health developed the programme and completed in June 2017. The Waka Hourua programme aimed to specifically progress Action 1.1 of the New Zealand Suicide Prevention Action Plan 2013 – 2016 (Ministry of Health, 2013) to:

- build the capacity and capability of Māori whānau, hapū, iwi, Pacific families, and communities, to prevent suicide and to respond safely and effectively when and if suicide occurs;
- ensure that culturally relevant education and training are available to Māori whānau, hapū, iwi, Pacific families, and communities that focus on building resilience and leadership;
- build the evidence base of what works for Māori whānau, hapū, iwi, Pacific families, and communities to prevent suicide, through research carried out by, with and for these groups; and
- build the leadership for suicide prevention.

Five key work streams were a feature of the Waka Hourua Programme consistent with Action 11.3 of the New Zealand Suicide Prevention Action Plan 2013 – 2016 (Ministry of Health, 2013):

1. A national voice for Māori and Pacific suicide prevention through the formation of a national leadership group of authoritative leaders in suicide prevention.
2. A national coordination centre for Pacific community suicide prevention. This centre will lead the development and implementation of effective, culturally appropriate, prevention and postvention resources and training to Pacific provider networks and their communities and will develop targeted initiatives for identified at-risk groups.
3. A national coordination centre for Māori community suicide prevention. This programme will foster local leadership, and build their capacity and capability to lead the development and implementation of whole-of-community suicide prevention plans.
4. A community fund to support the establishment of community based initiatives as a way to build the capacity of Māori whānau, hapū, iwi, Pacific families, and communities towards suicide prevention.\(^1\)
5. A Strategic Research Agenda and one-off funding pool to build an evidence base of effective practices for Māori and Pacific communities.\(^2\)

**Evaluation Processes**

The Waka Hourua Outcomes Framework (Figure 1) was developed by the Waka Hourua Leadership Group\(^3\) as an umbrella for the work streams as a means to demonstrate the progress, monitoring and measuring, providing evidence of the impact of the Waka Hourua Programme (Durie, 2014).

In addition, a Results Based Accountability (RBA) approach was applied to the agreed deliverables that were negotiated by Te Rau Matatini as the contracted provider. Te Kīwai Rangahau the research and evaluation arm of Te Rau Matatini was commissioned to conduct the monitoring and the RBA evaluation process established to report the achievements of the initiatives (McClintock, 2014).

**Measures**

The measures used in the RBA approach were set out in the RBA framework as shown in Table 1 and considered the following:

- How will you know if these results have been achieved? What will this look like?
- What new information or data do we need for our indicators or measures (data development)?
- What are the core indicators?

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\(^1\) See wakahourua.co.nz/community-fund
\(^2\) See wakahourua.co.nz/research-agenda-projects
\(^3\) See wakahourua.co.nz/national-leadership-group
Kaupapa Māori
A kaupapa Māori approach provided a culturally appropriate methodology to evaluate in the local context. The greatest strength of using this approach is that Māori define the processes, doing the evaluation for and about Māori, with the eventual outcome targeting and benefitting Māori whānau and their communities (Smith, 1999).

Tiro Roa
Kaupapa Māori theory and research is based on a number of key principles. At Te Rau Matatini Tiro Roa outlines a group of values and principles and practices that guide a best approach by Māori for Māori evaluation process (Te Rau Matatini, n.d.). These principles and practices include:

- Kotahitanga – unity aimed at improving the health needs of Māori whānau at the community level
- Rangatiratanga – authority
- Mātauranga Māori – Māori knowing and understanding
- Whānaungatanga – collaborative participatory evaluation processes
- Awhi Mai Awhi Atu – a reciprocity process that allows information and knowledge to be transferred in a respectful and safe way
- Tino Rangatiratanga – self-determination and autonomy, clarifying roles within the monitoring and evaluation process
- Whakakao – a purposeful system for thinking through the issues, monitoring,
analysis, recommendations and dissemination of information.

Quantitative Approach
The Te Rau Matatini contract manager in conjunction with the internal evaluators developed a service management system and progress tools based on a RBA process to collect relevant data at agreed periods in line with individual project deliverables. These results were presented to the national leadership and the funder, the Ministry of Health. These findings were provided quarterly during the three-year duration through verbal face to face meetings and by written submissions.

Data analysis. Cumulative data was displayed at agreed upon frequencies to track the development and implementation of the Waka Hourua programme by the participating groups. Reflective comments were made about the data.

Qualitative Approach (Case study reports)
A qualitative method lends itself well to the intentions of this programme. The presumptions of a qualitative method is that it must provide a holistic contextual portrayal, and give emphasis to the uniqueness and diversity of peoples’ experiences and beliefs (Patton, 1990). Like the kaupapa Māori approach, this is not a definitive statement about qualitative research, but rather, a brief outline of concepts to assist in the completion of the project. The qualitative results were presented to the national leadership and the funder, the Ministry of Health. These findings were provided quarterly during the three-year duration, through verbal face to face meetings and by written submissions.

Document Review and Analysis
Review of key Waka Hourua programme documents, and planning tools was useful in determining how the programme implementation aligned to the overall intent, design and planning stages of the programme and what happened during its implementation.

Periodic monitoring reports, programme data and internal evaluation documentation was used in the programme as developed by the Te Rau Matatini contract manager in conjunction with the Te Kīwai Rangahau evaluators commissioned to conduct the evaluation.

Data Analysis
The following methods were identified for analysis:

- Analysis of discussion of information using key themes;
- a narrative reporting style lending to case study presentations; and
- a descriptive analysis of the quantitative data.

Māori Community Project Selection Process
In 2014, Te Rau Matatini and Le Va provided an open tender process to community groups and whānau and selected community applicants with proven commitment to Māori suicide prevention, and or wellbeing, or Māori hauora (health), or rangatangi (youth) activities, or cultural activities, or education that aligned to action 1.1 of the New Zealand Suicide Prevention Action Plan 2013 – 2016 (Ministry of Health, 2013). The Fund was a one-off contestable fund of $2 million established to support community-based suicide intervention project. To support this development Te Rau Matatini brought together a Māori suicide prevention expert panel that utilised a selection framework aligned to Action 1.1 that selected 47 projects. The Te Kīwai Rangahau has located the 47 Māori Community Projects under their outcome goals and their associated pathways and actions. Table A1 seen in Appendix 1, provides a cumulative record of the 47 completed evaluations. The spread of evaluations included:

- GOAL 1: Informed, cohesive and resilient community initiative (19 projects total).
  - Primary prevention: Whole of Population
  - Secondary prevention: Targeting at risk individuals (5 projects).
  - Tertiary prevention: Minimising adverse impact (14 projects).
- GOAL 2: Strong, secure and nurturing whānau initiatives (11 projects total).
  - Secondary prevention: Targeting at risk individuals (6 projects).
  - Tertiary prevention: Minimising adverse impact (5 projects).

wakahourua.co.nz/community-fund
• GOAL 3: Safe, confident and engaged rangatahi initiatives (17 projects total).
  o Secondary prevention: Targeting at risk individuals (17 projects).

Conclusion

The “Hoea te waka: Indigenous suicide prevention outcomes framework and evaluation processes” article provides a summation of the outcomes framework, an umbrella for the Waka Hourua work streams and a means to demonstrate the progress, monitoring and measuring, providing evidence of the impact of the Waka Hourua National Suicide Prevention Programme 2014 – 2017. It further details the Māori evaluation processes that were successfully undertaken as part of the evaluation of the 47 Māori community projects of the Waka Hourua programme. Both the outcomes framework and the evaluation processes conducted provide a guide for other indigenous people to replicate and strengthen their suicide prevention programmes.

References


Dr Kahu McClintock (Waikato/Maniapoto, Ngāti Mutunga, and Ngāti Porou) is the Managing Editor of Te Mauri-Pimatisiwin: Journal of Indigenous Wellbeing and is the Manager of Research at Te Rau Matatini. Kahu has worked in the health and disability sector for over 20 years, with a special focus on Māori health research and child and adolescent mental health. Kahu holds a Dip Nursing (Psychiatric), Higher Dip Teaching, B Ed, M Phil (Māori), D Phil (Psychiatry). She was a Member of the Māori Health Committee, New Zealand Health Research Council from 2008 to 2014, and Chair of Ngā Kanohi Kitea Community Research Committee, New Zealand Health Research Council during that term. In 2015, Kahu was a ministerial appointment to the National Ethics Advisory Committee. Dr McClintock is currently lead for Te Rā o Te Waka Hourua the Waka Hourua Māori and Pasifika Suicide Research Programme. kahu.mcclintock@teraumatatini.com

Rachel McClintock (Waikato/Maniapoto, Ngāti Mutunga, and Ngāti Porou) is a Researcher in Te Kīwai Rangahau, Te Rau Matatini’s research and evaluation unit. She has a background in Kaupapa Māori community based research and evaluation, with experience of research with Māori whānau (families) and communities, across areas such as youth development, mental health and wellbeing, gambling, palliative care, and intergenerational communication. Rachel holds a BSoSc(Psychology), a Post Graduate Diploma in Public Health, and is currently enrolled in a Masters of Public health through the University of Auckland. rachel.mcclintock@teraumatatini
## Appendix 1

Table A1: Detail of the Waka Hourua Outcomes Framework

<table>
<thead>
<tr>
<th>WAKA HOURUA OUTCOMES FRAMEWORK</th>
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</thead>
<tbody>
<tr>
<td>Reduce suicides</td>
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<tr>
<td>Reduce suicidal attempts</td>
</tr>
<tr>
<td>Minimise impacts of suicide</td>
</tr>
</tbody>
</table>

### GOAL 1

**Informed, cohesive, & resilient communities**
- **PATHWAY / ACTION:** Build community leadership networks
- **INDICATOR:** Community leaders have eliminated a known risk factor
- **PATHWAY / ACTION:** Develop a common community agenda
- **INDICATOR:** Community have in place a plan to prevent and respond effectively to suicide

### GOAL 2

**Strong, secure, and nurturing whānau**
- **PATHWAY / ACTION:** Strengthen community resources including cultural, economic and social resources
- **INDICATOR:** Communities have established innovative learning pathways and suicide prevention resources
- **PATHWAY / ACTION:** Facilitate whānau engagement with each other, and to whenua
- **INDICATOR:** Communities have established innovative learning pathways and suicide prevention resources

### GOAL 3

**Safe, confident, and engaged rangatahi**
- **PATHWAY / ACTION:** Support positive initiatives for rangatahi (culture, sport, learning, music)
- **INDICATOR:** Communities enter into a partnership to foster positive engagement for rangatahi with learning

### PRIMARY

*Whole of population activities*

- **PATHWAY / ACTION:** Build community leadership networks
- **INDICATOR:** Community leaders have eliminated a known risk factor
- **PATHWAY / ACTION:** Develop a common community agenda
- **INDICATOR:** Community have in place a plan to prevent and respond effectively to suicide

### SECONDARY

*Targeting at risk individuals*

- **PATHWAY / ACTION:** Strengthen community resources including cultural, economic and social resources
- **INDICATOR:** Communities have established innovative learning pathways and suicide prevention resources
- **PATHWAY / ACTION:** Facilitate whānau engagement with each other, and to whenua
- **INDICATOR:** Communities have established innovative learning pathways and suicide prevention resources

### PATHWAY / ACTION

- Kura Productions (National)
- Ngāti Tahu, Ngāti Whaoa, Rūnanga Trust (Lakes)
- Te Wamana Kaaku (Bay of Plenty)
- Te Rongo Toi Uru Arts (Wanganui)
- Eddie Harawira Trust (Bay of Plenty)
- Ahipene Takuta (Bay of Plenty)
- Ngāti Haua (Waikato)
- He Konae (Northland)
- Ngā Waka o Te Tai Tokerau (Northland)
- Tau iho i te po (Northland)
- Te Hauora o te Hiku o te Ika : RAID (Northland)
- Awareness of Suicide in Kaipara (ASK) (Northland)
<table>
<thead>
<tr>
<th>GOAL 1</th>
<th>GOAL 2</th>
<th>GOAL 3</th>
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<tbody>
<tr>
<td>Informed, cohesive, &amp; resilient communities</td>
<td>Strong, secure, and nurturing whānau</td>
<td>Safe, confident, and engaged rangatahi</td>
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**SECONDARY**

**TARGETING** at risk individuals

<table>
<thead>
<tr>
<th>PATHWAY / ACTION</th>
<th>INDICATOR</th>
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<tbody>
<tr>
<td><strong>PATHWAY</strong> / <strong>ACTION</strong></td>
<td><strong>INDICATOR</strong></td>
</tr>
<tr>
<td>Initiate actions that meet the needs of Takatapui Tiwhanawhana Mental Health Foundation (National)</td>
<td>Communities have access to cultural education and suicide prevention resources</td>
</tr>
<tr>
<td>Increase whānau access to suicide resources and service Te Hauora o Kaikohe (Northland)</td>
<td>Whānau access educational opportunities and health services</td>
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<tr>
<td>Increase whānau access to suicide resources and service Te Hauora o Kaikohe (Northland)</td>
<td>Whānau access educational opportunities and health services</td>
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<td>Whānau access educational opportunities and health services</td>
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</table>

**PATHWAYS** / **ACTIONS**

- Facilitate whānau and rangatahi engagement with key institutions (schools, services, marae and churches)
- Maketu (Bay of Plenty)

**INDICATORS**

- Whānau and rangatahi have re-established links with marae and hapū
- PATHWAYS / ACTIONS Support positive initiatives for LGBTQ that address bullying, alienation and suicide risk amongst Māori youth
- Mika (National)
- Self-care resources and programmes are available for Māori LGBTQ
<table>
<thead>
<tr>
<th>TERTIARY PREVENTION</th>
<th>GOAL 1</th>
<th>Informed, cohesive, &amp; resilient communities</th>
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<tbody>
<tr>
<td>PATHWAY/ACTION</td>
<td>Identify risk within communities</td>
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<tr>
<td></td>
<td>He Waka Tapu (Canterbury)</td>
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</tr>
<tr>
<td></td>
<td>Te Roopu Tautoko ki te Tonga (Southern)</td>
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<tr>
<td>INDICATOR</td>
<td>Community health and social service providers have established a common agenda for working with communities</td>
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| PATHWAY/ACTION       | Initiate actions that will reduce community risks |
|                      | Te Hauora o Te Hiku o Te Ika (Northland) |
|                      | Ngāti Hine (Northland) |
|                      | Te Ringa Atawhai (Northland) |
|                      | Raglan Community House (Waikato) |

| INDICATOR            | Communities have established a safe forum for discussing suicide prevention and resourcing |

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<tr>
<th>GOAL 2</th>
<th>Strong, secure, and nurturing whānau</th>
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<tbody>
<tr>
<td>PATHWAY/ACTION</td>
<td>Build whānau capabilities to manage stress, disadvantage, loss and risk</td>
</tr>
<tr>
<td></td>
<td>Tū Tama Wāhine (Taranaki)</td>
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<tr>
<td></td>
<td>Waiariki Purea (Lakes)</td>
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<tr>
<td></td>
<td>Ngā Iwi o Mokai Patea Trust (Wanganui)</td>
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<tr>
<td></td>
<td>Ngāti Kahungunu ki Wairarapa (Wairarapa)</td>
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</tbody>
</table>

| INDICATOR            | Whānau have developed and implemented a suicide prevention education plan |

| PATHWAY/ACTION       | Build whānau capabilities to manage self-harm and suicide |
|                      | Te Hau Ora o Whānau (Southern) |

| INDICATOR            | Whānau have resolved the impacts of self-harm and suicide |

Foster peer support groups (e-Communications Live More Awesome (National) |

Encourage rangatahi leadership in key situations (whānau, hapū, iwi and communities. Taikura Trust (Auckland) Piritahi Hauora (Auckland) |

A leadership network is established to increase rangatahi capability, skills and knowledge to prevent suicide
<table>
<thead>
<tr>
<th>Rauawaawa (Waikato)</th>
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<tr>
<td>Ngāti Awa (Bay of Plenty)</td>
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<tr>
<td>Tūwharetoa ki Kawerau (Bay of Plenty)</td>
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<td>Te Kupenga Trust (Tai Rawhiti)</td>
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<td>Gisborne Rape Crisis (Tai Rawhiti)</td>
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<tr>
<td>Best Care (Manawatū)</td>
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<tr>
<td>Aranui Sea Eagles (Canterbury)</td>
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<tr>
<td>Ngā Kete Mātauranga Pouamau Charitable</td>
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