He Tohu Ora: Access to natural environment

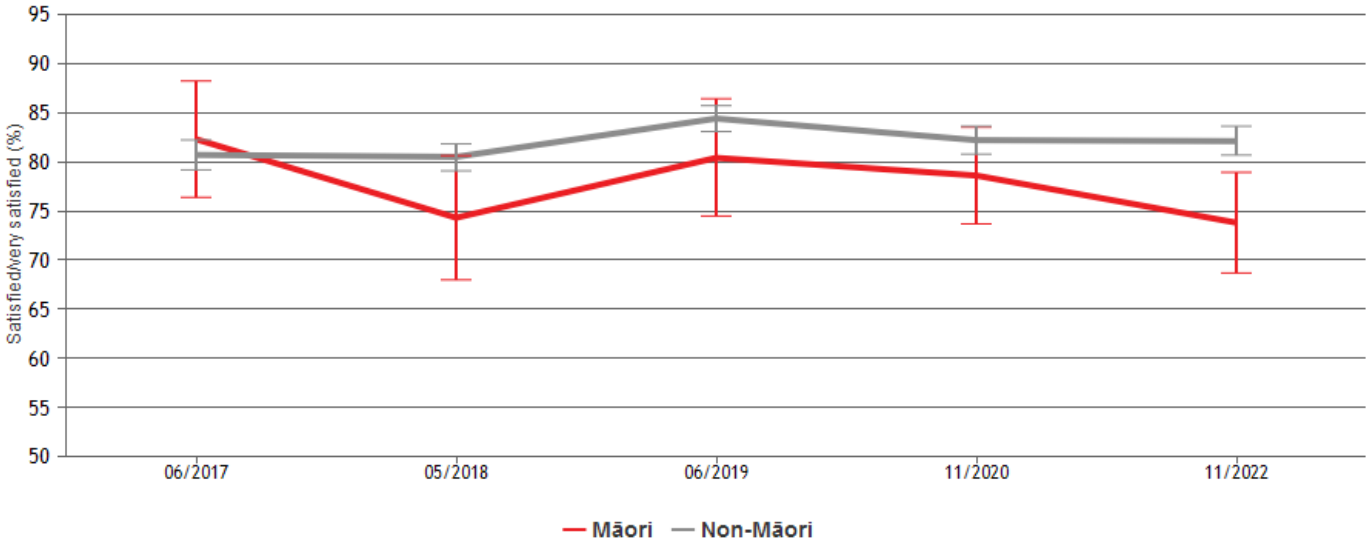
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The natural environment is essential to the wellbeing and identity of Māori as part of their whakapapa (genealogy) and the bond of kinship between all things [30]. Ensuring access to a healthy and clean natural environment (e.g., rivers, lakes, mountains, green spaces) positively affects wellbeing. For example, having access to fish from a clean local body of water provides a healthy and fresh kai option for whānau. In 2014, the government recognised the strong links between Māori wellbeing and a clean environment when Wai Ora (healthy environments) became a leading priority in He Korowai Oranga: Māori Health Strategy [31].

The Canterbury Wellbeing Survey asked respondents to rate their satisfaction with their ease of access to the natural environment, broadly defined as “access to rivers, lakes, beaches, wildlife, areas, parks, and walking tracks” [10]. There were five response options ranging from very dissatisfied to very satisfied. Note that this question was first included in 2017.

This indicator presents the proportion of Māori and non-Māori survey respondents who reported being satisfied/very satisfied with their ease of access to the natural environment.

Figure 19: Proportion of Māori and non-Māori aged 18 years and over satisfied/very satisfied with ease of access to the natural environment, in greater Christchurch, 2017-2022



The proportion of Māori and non-Māori respondents satisfied or very satisfied with their ease of access to the natural environment has not changed significantly between 2017 and 2022. There are no statistically significant differences between the proportions for non-Māori and Māori during the period 2017 to 2020. However, in 2022, satisfaction with ease of access to the natural environment declined to 73.8 percent for Māori respondents compared to 82.1 percent for non-Māori respondents, a statistically significant difference between the groups.

Data Sources

Source: Te Whatu Ora Waitaha Canterbury.
Survey/data set: Canterbury Wellbeing Survey to 2022. Access publicly available data from Te Mana Ora | Community and Public Health website

www.cph.co.nz/your-health/wellbeing-survey/
Source data frequency: Annually.

Metadata for this indicator is available at https://www.canterburywellbeing.org.nz/index-data

REFERENCES

This is the full reference list for **He Tohu Ora**.

1 Durie M (2006) Measuring Māori Wellbeing. New Zealand Treasury guest lecture series. Wellington.

2 Durie M (1999) Te Pae Māhutonga: A model for Māori health promotion. *Health Promotion Forum of New Zealand Newsletter* 49: 5.

3 Kingi TK, Durie M, Elder H, Tapsell R, Lawrence M, et al. (2018) *Maea te Toi Ora: Māori Health Transformations*. Wellington: Huia Publishers.

4 Durie M (1998) *Whaiora: Māori health development*. Auckland: Oxford University Press.

5 Durie M (2001) *Mauri Ora: The Dynamics of Māori Health*. Auckland: Oxford University Press.

6 Te Puni Kōkiri (2018) *Whānau Ora Annual Summary Report: 1 July 2016 - 30 June 2017*.

7 Pevalin D, Rose D (2004) *Investigating the links between social capital and health using the British Household Panel Survey*. Essex: Institute for Social and Economic Research, University of Essex.

8 Elliott J, Gale CR, Parsons S, Kuh D, HALCyon Study Team (2014) Neighbourhood cohesion and mental wellbeing among older adults: A mixed methods approach. *Social Science & Medicine* 107: 44-51.

9 Robinson D, Williams T (2001) Social capital and voluntary activity: Giving and sharing in Māori and non-Māori society. *Social Policy Journal of New Zealand/Te Puna Whakaaro* 52.

10 Te Whatu Ora Waitaha (2022) *Canterbury Wellbeing Survey: Report prepared by Nielsen for Te Whatu Ora Waitaha and partnering agencies*. Christchurch: Te Whatu Ora Waitaha.

11 Social Policy Evaluation and Research Unit (2017) *Subjective whānau wellbeing in Te Kupenga*. Wellington: Superu.

12 Statistics New Zealand (2013) *Te Kupenga 2013: A survey of Māori well-being questionnaire*. Wellington: Statistics New Zealand.

13 Statistics New Zealand (2015) *Ngā tohu o te ora: The determinants of life satisfaction for Māori 2013*. Wellington: Statistics New Zealand.

14 Statistics New Zealand (2018) *New Zealand Census of Population and Dwellings: individual form*. Wellington: Statistics New Zealand.

15 Social Policy Evaluation and Research Unit (2017) *Families and whānau status report*. Wellington: Superu.

16 Kingi TK, Durie M, Durie M, Cunningham C, Borman B, et al. (2014) *Te Puawaitanga o Ngā Whānau: Six Markers of Flourishing Whānau*. Palmerston North: Massey University.

17 Fayers P, Hays R (2005) *Assessing quality of life in clinical trials: methods and practice (2nd edition)*. New York: Oxford University Press.

18 Reid J, Varona, G, Fisher, M, & Smith, C. (2016) Understanding Māori 'lived'culture to determine cultural connectedness and wellbeing. *Journal of Population Research* 33: 31-49s.

19 Muriwai E, Houkamau CA, Sibley CG (2015) Culture as cure? The protective function of Māori cultural efficacy on psychological distress. *New Zealand Journal of Psychology* 44: 14.

20 Ministry of Social Development (2016) *The social report 2016: Te pūrongo oranga tangata*. Wellington: Ministry of Social Development.

21 Māori party (2016) $34.6m to support Te Reo Māori revival. Accessed 15 November 2018 from www.maoriparty.org

22 Chrisp S (2005) Māori Intergenerational Language Transmission. *International Journal of the Sociology of Language* 2005: 149-181.

23 Te Ahukaramū Charles Royal (2007) Story: Papatūānuku - the land. Te Ara: the Encyclopedia of New Zealand

24 National Advisory Committee on Health and Disability (1998) The social, cultural, and economic determinants of health in New Zealand: action to improve health. Wellington: National Health Committee.

25 Te Kotahi Research Institute: Waikato University (2014) Ngā Hua a Tāne Rore: the Benefits of Kapa Haka Manatū Taonga - Ministry for Culture and Heritage & Te Matatini.

26 Kennedy V, Cram F, Paipa K, Pipi K, Baker M (2015) Wairua and cultural values in evaluation. *Evaluation Matters-He take tō te aromatawai* 1: 83-111.

27 Howden-Chapman P, Matheson A, Crane J, Viggers H, Cunningham M, et al. (2007) Effect of insulating existing houses on health inequality: cluster randomised study in the community. *Bristish Medical Journal* 334: 460-464.

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28 Baker M, Zhang J, Keall M, Howden-Chapman P (2011) *Health Impacts of the Healthy Housing Programme on Housing New Zealand Tenants: 2004-2008*. Wellington: He Kainga Oranga, University of Otago.

29 Raerino K, Macmillan AK, Jones RG (2013) Indigenous Māori perspectives on urban transport patterns linked to health and wellbeing. *Health and Place* 23: 54-62.

30 Waitangi Tribunal (2011) *Ko Aotearoa tēnei : a report into claims concerning New Zealand law and policy affecting Māori culture and identity. Te taumata tuatahi. (Waitangi Tribunal report)*. Wellington: Legislation Direct.

31 Ministry of Health (2014) *The guide to He Korowai Oranga: Māori Health Strategy*. Wellington: Ministry of Health.

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