Urban Nature Spaces, Biodiversity & People

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Urban nature spaces, biodiversity & people

- Green space use & landscape preferences
- 3-Generation study
- Garden biodiversity (motivations)
- Environmental engagement by millennials
Green space use & landscape preferences
Green space use

- Ethnicity
- Age
- Gender
- Education
- Income
- City

- Nature Attitudes Score
- Nature Related Score
- Perceived Benefits of Nature Score
- Childhood experience of nature
Reasons for visiting green spaces

- Picnic
- Sports
- Watchbirds
- Pets
- Nature
- Exercise
- Play with children
- Collected plants
- Foraging
- Relaxing
- Usual route

Legend:
- Chinese
- Indian
- Maori
- NZE
- PI
- RM
Landscape Preferences
Landscape Preferences

- Ethnicity
- Age
- Gender
- Education
- Income
- City

- Nature Attitudes Score
- Nature Related Score
- Perceived Benefits Score
- Childhood experience of nature
Residential Streets

% participants

Least diverse 2 3 Most diverse

Chinese Indian Maori NZEuro Pacific Islander Recent migrant
Open public area

% participants

Chinese  Indian  Maori  NZEuro  Pacific Islander  Recent migrant

Least diverse  2  3  Most diverse
Open public area

- Grass
- Rocks/scultural elements
- Pretty
- Colour/flowers
- Privacy
- Safe
- Sunny
- Shade
- Paved areas
- Places to sit
- Clear path
- Natural
- Mature large trees
- Greenery

% Total

- Grass: 0%
- Rocks/scultural elements: 5%
- Pretty: 10%
- Colour/flowers: 30%
- Privacy: 40%
- Safe: 50%
- Sunny: 70%
- Shade: 80%
- Paved areas: 90%
- Places to sit: 100%
- Clear path: 100%
- Natural: 100%
- Mature large trees: 100%
- Greenery: 100%

% participants

- Chinese
- Indian
- Maori
- NZEuro
- Pacific Islander
- Recent migrant

Least diverse: 0%
2: 10%
3: 20%
Most diverse: 30%
Woodland

- Pretty
- Peaceful
- Places to sit
- Clear path
- Veg not...
- Native...
- Wild
- Natural
- Greenery

Graph showing

- 100% participants
- 80% participants
- 60% participants
- 40% participants
- 20% participants
- 0% participants

Categories:
- Least diverse
- Most diverse

Percentage of Total:
- 0.0
- 5.0
- 10.0
- 15.0
- 20.0
- 25.0
- 30.0

Participants by Ethnicity:
- Chinese
- Indian
- Maori
- NZEuro
- Pacific...
- Recent...

Colours:
- Blue
- Yellow
- Grey
- Green
Gardens

% of participants

Least diverse  2  3  Most diverse

Chinese  Indian  Maori  NZEuro  Pacific Islander  Recent migrant
### Gardens

- **Least diverse**
- **2**
- **3**
- **Most diverse**

#### Participants

- Chinese
- Indian
- Maori
- NZEuro
- Pacific Islander
- Recent migrant

#### Features

- Colour/flowers
- Uncluttered
- See/be in nature
- Well defined boundaries
- Familiar
- Peaceful
- Sunny
- Clear path
- Not too wild
- Native species
- Greenery

#### Trends

- Percentage of participants (%)
- Total (%)

#### Categories

- Gardens

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**Images:**
- Image of a garden with a wooden path and greenery.
- Image of a garden with a clear path and native species.
- Image of a garden with a sunny and peaceful atmosphere.
- Image of a garden with well-defined boundaries and uncluttered space.
- Image of a garden with a green path and colourful flowers.

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Preferences for animals and plants
Garden biodiversity engagement
Bird feeder
Lizard refuge & plant
Two native shrubs
Log pile
Tracking tunnel
Bee planter

No. of householders

0  10  20  30

No. of householders
Plant native plants
Remove exotic plants
Replace lawn with trees & shrubs
Plant native trees
Make lizard habitat
Plants for bees
Build insect house
Feeders for native birds
Not use chemicals
Rank vegetation
Plant native trees
Replace lawn with trees & shrubs
Remove exotic plants
Plant native plants

Would do
Already Do
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<th></th>
<th>Need more info</th>
<th>Too busy</th>
<th>No space</th>
<th>Cost</th>
<th>Cats</th>
<th>Don’t want more</th>
<th>None here</th>
<th>Partner</th>
<th>Other</th>
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<tr>
<td>Replace lawn with trees &amp; shrubs</td>
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<tr>
<td>Plant native trees</td>
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<tr>
<td>Rank vegetation</td>
<td>2</td>
<td></td>
<td>1</td>
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<tr>
<td>Not use chemicals</td>
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<td>Feeders for native birds</td>
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<td>2</td>
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<td>3</td>
<td>1</td>
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<td>Build insect house</td>
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<td>2</td>
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<tr>
<td>Plants for bees</td>
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<td>Make lizard habitat</td>
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<td>4</td>
<td></td>
<td></td>
<td>4</td>
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</tr>
</tbody>
</table>
Thank you!
Organisations raised awareness of nature preservation/restoration

Priorities in life / life stage changed

Change in the dwelling environment

Increased accessibility to green spaces

Change in social circle

More green spaces around

Change in the work environment

Organisations raising awareness of benefits of nature
Parkland

% participants

Chinese  Indian  Maori  NZEuro  Pacific Islander  Recent migrant

Least diverse  2  3  Most diverse
Recreation space

% participants

Chinese  Indian  Maori  NZEuro  Pacific Islander  Recent migrant

Least diverse    2     3     Most diverse
Recreation space

- Creative/interesting
- Remote/ not crowded
- Well defined boundaries
- Accessible to adults
- Playground structures
- Safe
- Fun
- Sunny
- Shade
- Paved areas
- Places to sit
- Spacious/grassy areas
- Wild
- Natural
- Greenery

% Total

- Chinese
- Indian
- Maori
- NZEuro
- Pacific Islander
- Recent migrant

% participants

- Least diverse
- 2
- 3
- Most diverse