



Summary report

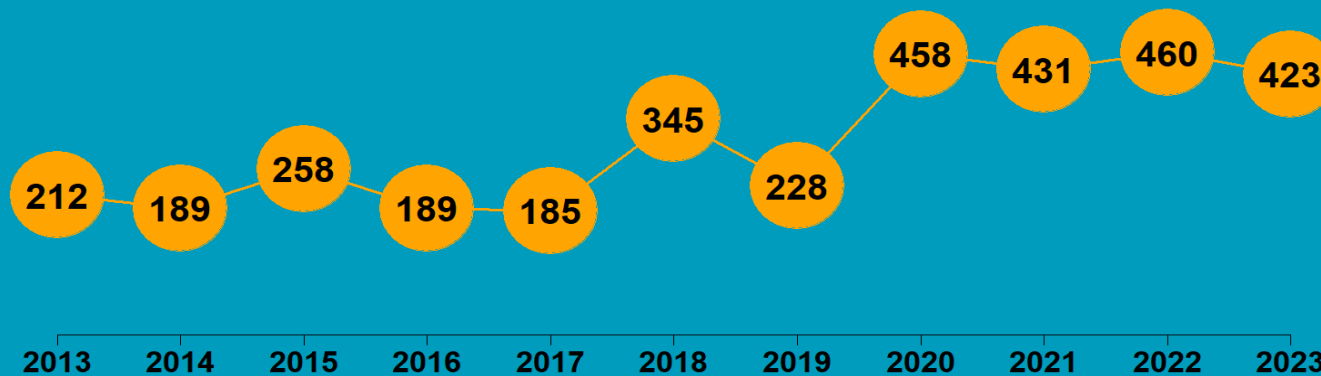
WAIKATO REGION

2023

State of NZ Garden Birds

Te Āhua o ngā Manu o te Kāri i Aotearoa

NUMBER OF SURVEYED GARDENS





We have estimated how bird counts have changed over the last 10- and 5-year periods in different regions, districts, and neighbourhoods across New Zealand for 14 common garden visitors – five native and nine introduced birds.

Thanks to all our volunteer bird counters, 45,934 garden surveys have been completed nationwide since 2013. We use specialised statistical tools to account for variation in sampling effort between regions, districts, and suburbs over time. We also account for variation in bird counts depending on whether the surveyed gardens were in a rural or urban setting, and whether birds were fed or not. Finally, we correct for the actual number of gardens in each area.

We then classify these changes according to their direction and size (see diagram below) to help us identify changes of potential concern or interest.

How have bird counts changed?

Drawing attention to changes in counts that may be of concern or interest

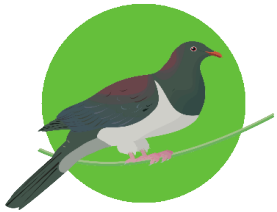


WAIKATO | Kererū | Kererū

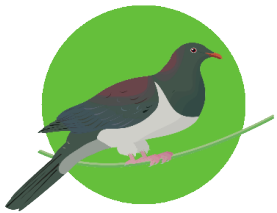
How have garden bird counts changed in this region?



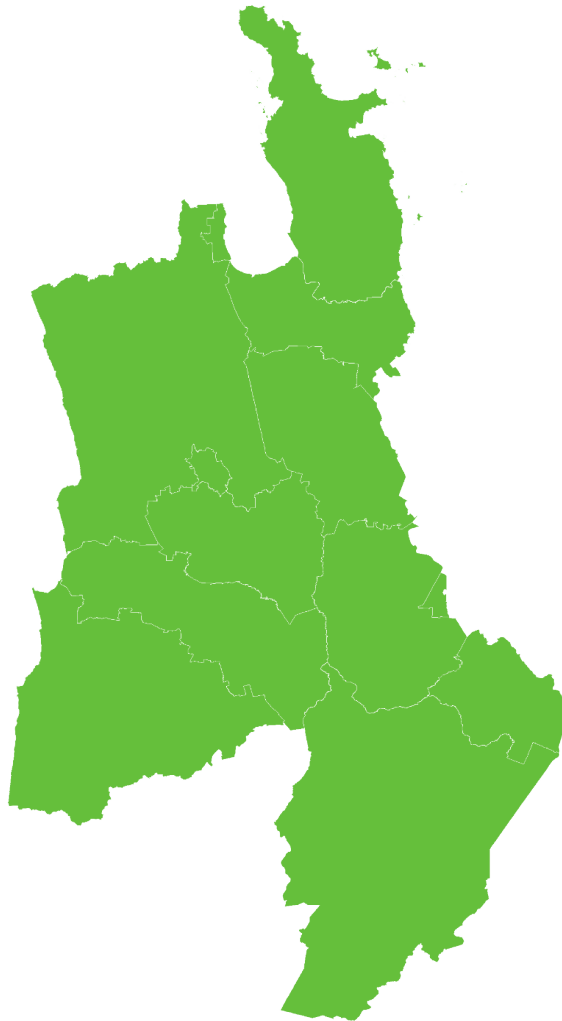
Last 10 years
2013–23



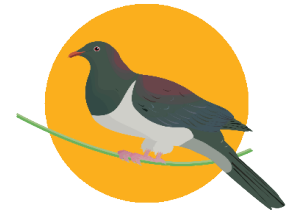
SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



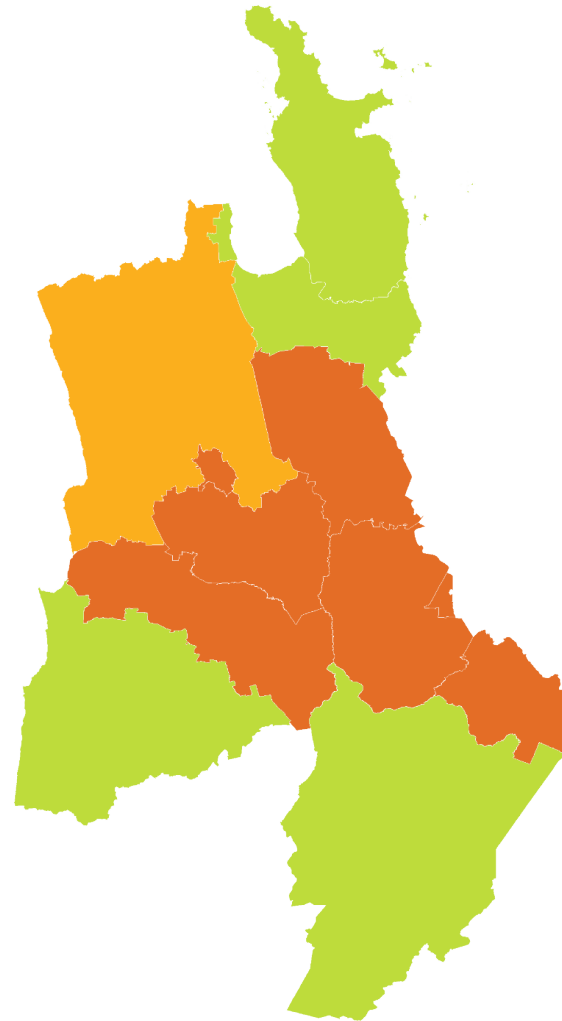
Last 5 years
2018–23



SHALLOW DECLINE
REGIONALLY



SHALLOW DECLINE
NATIONALLY



- | | |
|-----------------------|--------------------|
| ■ Rapid increase | ■ Shallow decline |
| ■ Moderate increase | ■ Moderate decline |
| ■ Shallow increase | ■ Rapid decline |
| ■ No or little change | |

WAIKATO | Tūī | Kōkō

How have garden bird counts changed in this region?



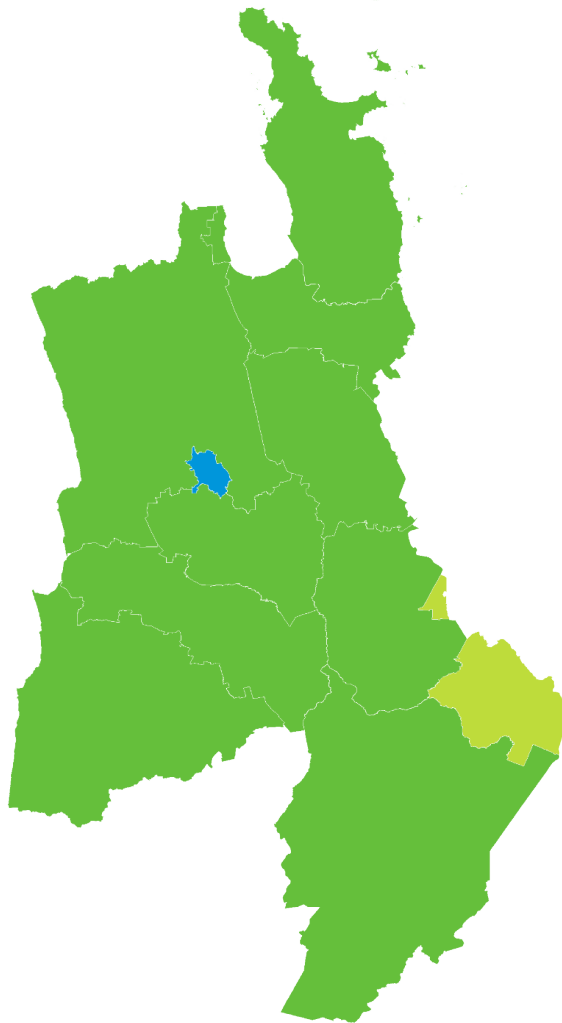
Last 10 years
2013–23



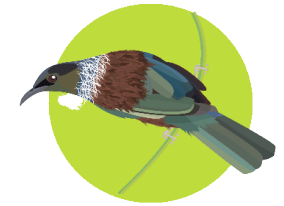
SHALLOW INCREASE
REGIONALLY



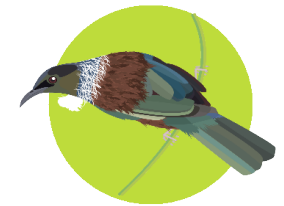
SHALLOW INCREASE
NATIONALLY



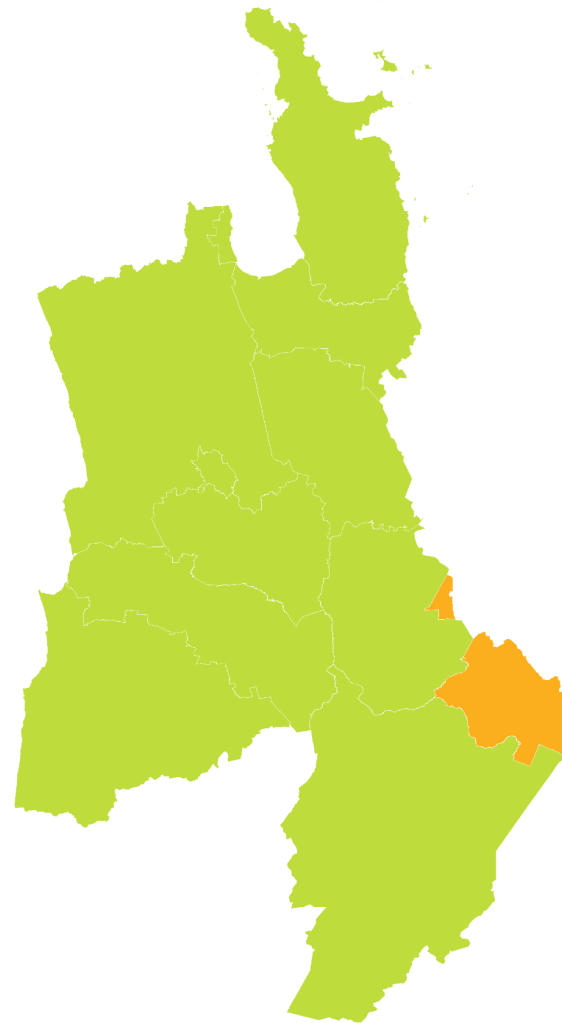
Last 5 years
2018–23



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



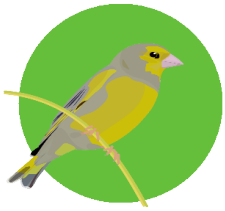
- Rapid increase
- Moderate increase
- Shallow increase
- No or little change
- Shallow decline
- Moderate decline
- Rapid decline

WAIKATO | Greenfinch

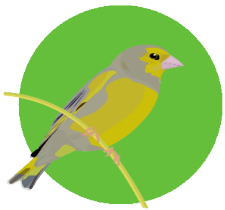
How have garden bird counts changed in this region?



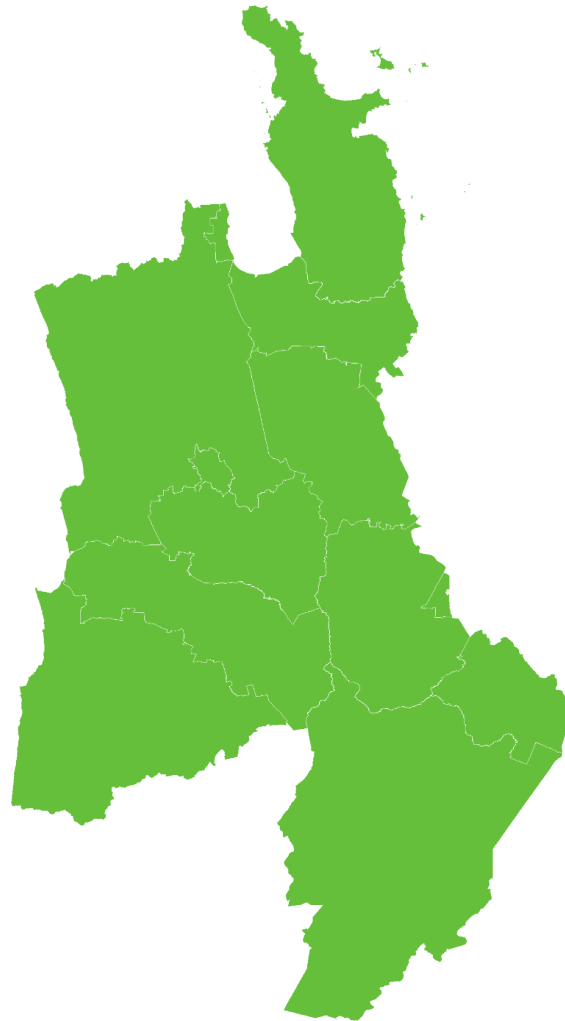
Last 10 years
2013–23



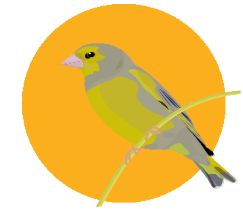
SHALLOW INCREASE
REGIONALLY



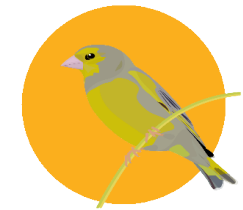
SHALLOW INCREASE
NATIONALLY



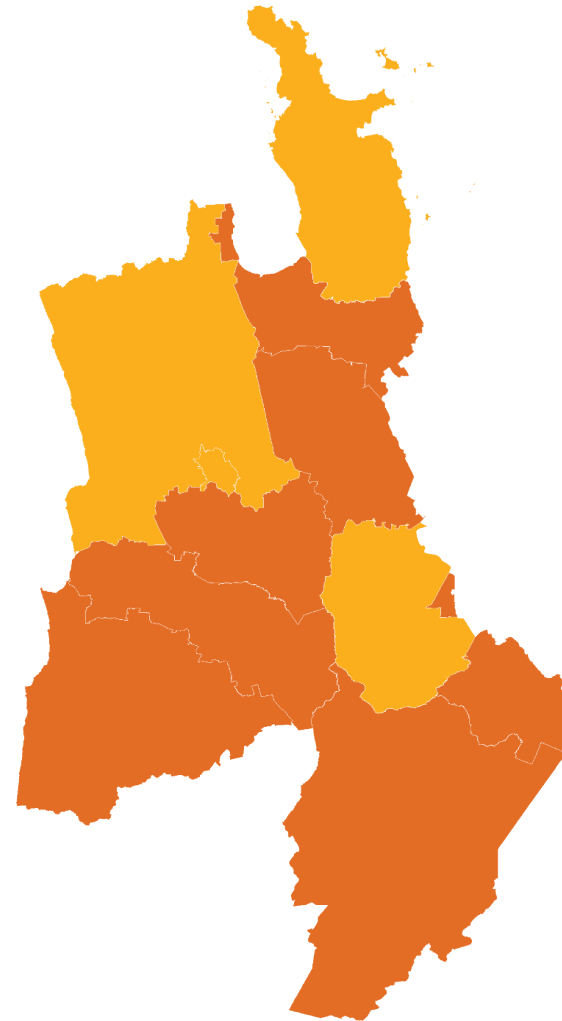
Last 5 years
2018–23



SHALLOW DECLINE
REGIONALLY



SHALLOW DECLINE
NATIONALLY



- | | |
|-----------------------|--------------------|
| ■ Rapid increase | ■ Shallow decline |
| ■ Moderate increase | ■ Moderate decline |
| ■ Shallow increase | ■ Rapid decline |
| ■ No or little change | |

WAIKATO | Blackbird | Manu pango

How have garden bird counts changed in this region?



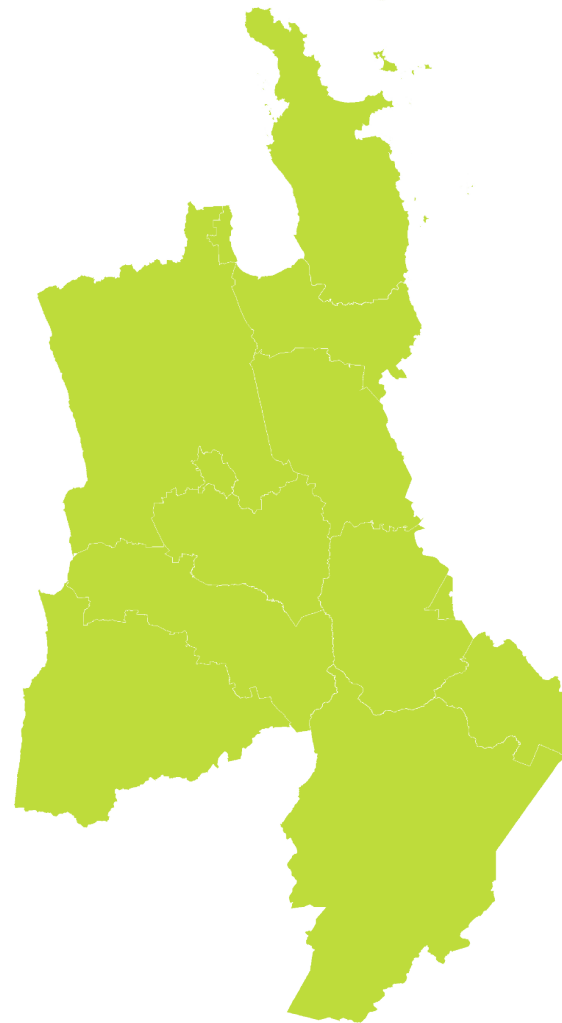
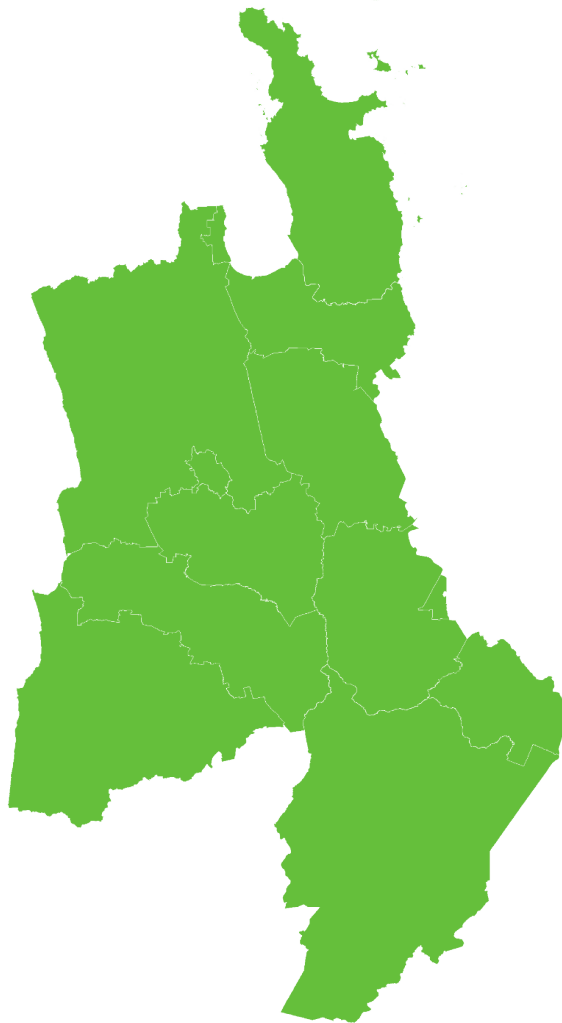
Last 10 years
2013–23



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



Last 5 years
2018–23



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

- | | |
|-----------------------|--------------------|
| ■ Rapid increase | ■ Shallow decline |
| ■ Moderate increase | ■ Moderate decline |
| ■ Shallow increase | ■ Rapid decline |
| ■ No or little change | |

WAIKATO | Fantail | Pīwakawaka

How have garden bird counts changed in this region?



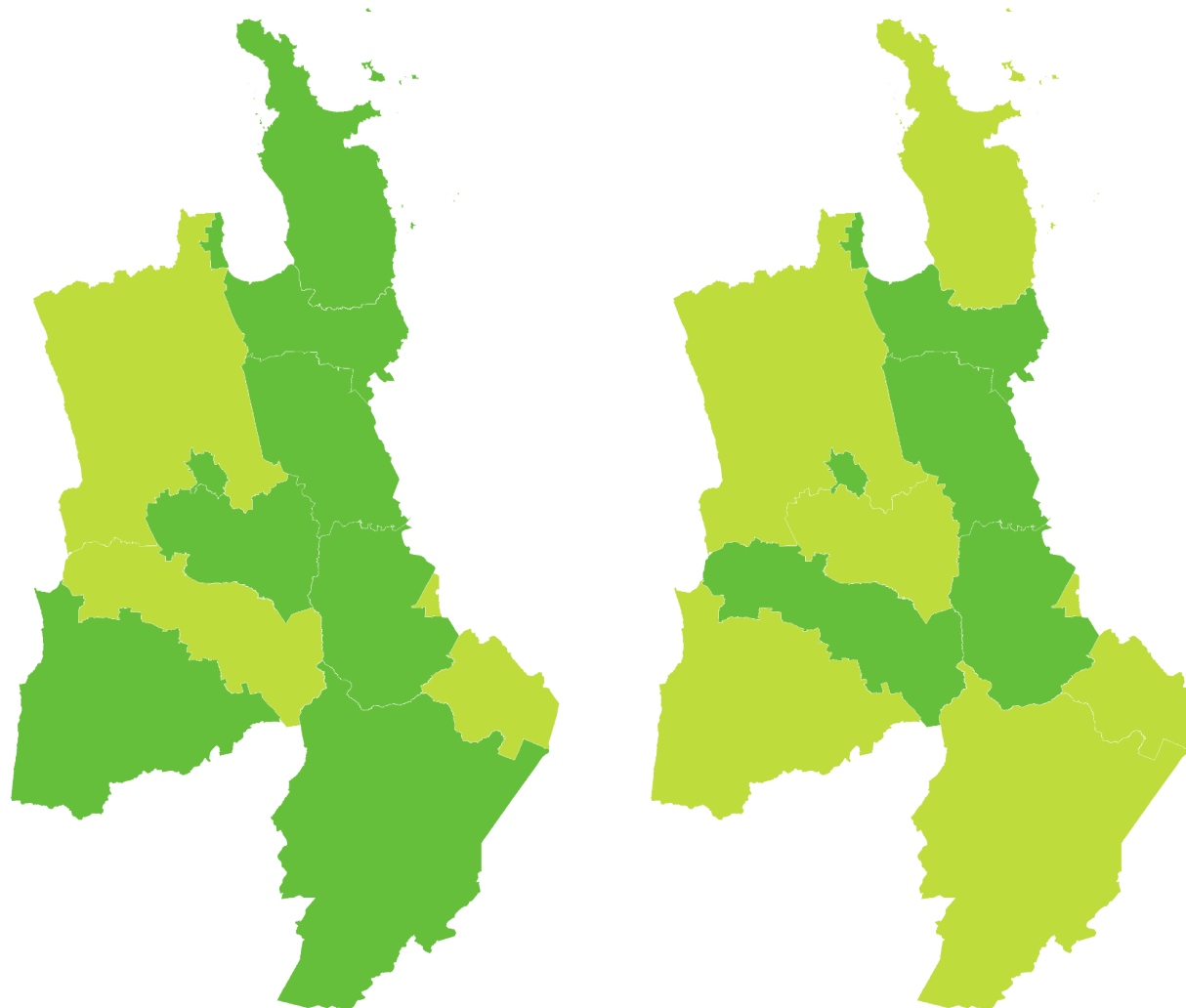
Last 10 years
2013–23



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



- Rapid increase
- Shallow decline
- Moderate increase
- Moderate decline
- Shallow increase
- Rapid decline
- No or little change

Last 5 years
2018–23



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY

WAIKATO | Myna | Maina

How have garden bird counts changed in this region?



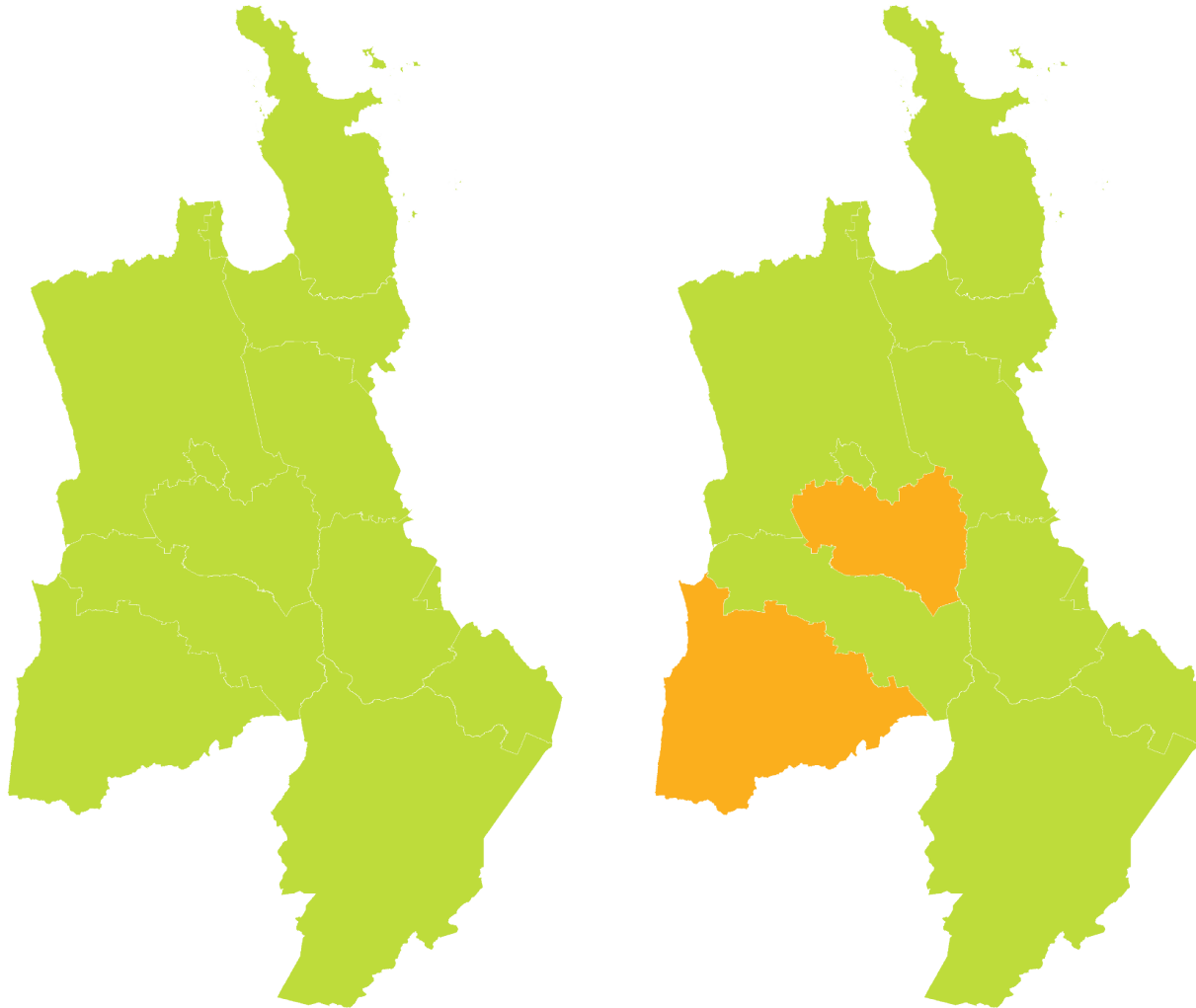
Last 10 years
2013–23



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



Last 5 years
2018–23



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

- Rapid increase
- Moderate increase
- Shallow increase
- No or little change
- Shallow decline
- Moderate decline
- Rapid decline

WAIKATO | House sparrow | Tiu

How have garden bird counts changed in this region?



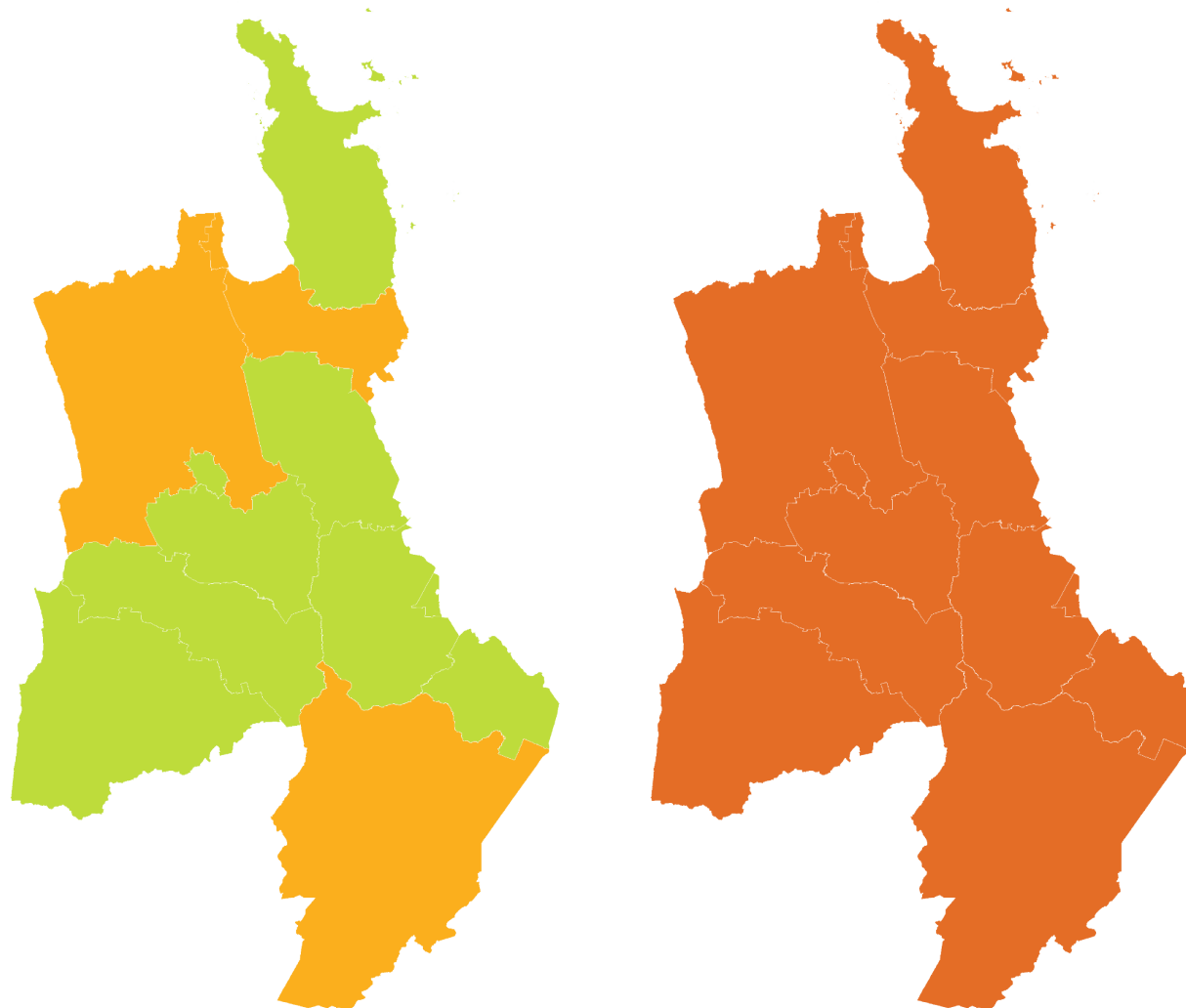
Last 10 years
2013–23



LITTLE OR NO CHANGE
REGIONALLY



SHALLOW DECLINE
NATIONALLY



Last 5 years
2018–23



MODERATE DECLINE
REGIONALLY



MODERATE DECLINE
NATIONALLY

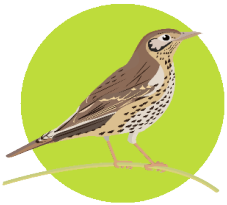
- Rapid increase
- Moderate increase
- Shallow increase
- No or little change
- Shallow decline
- Moderate decline
- Rapid decline

WAIKATO | Song thrush

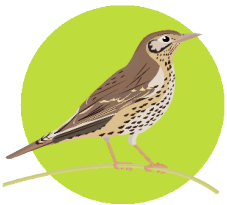
How have garden bird counts changed in this region?



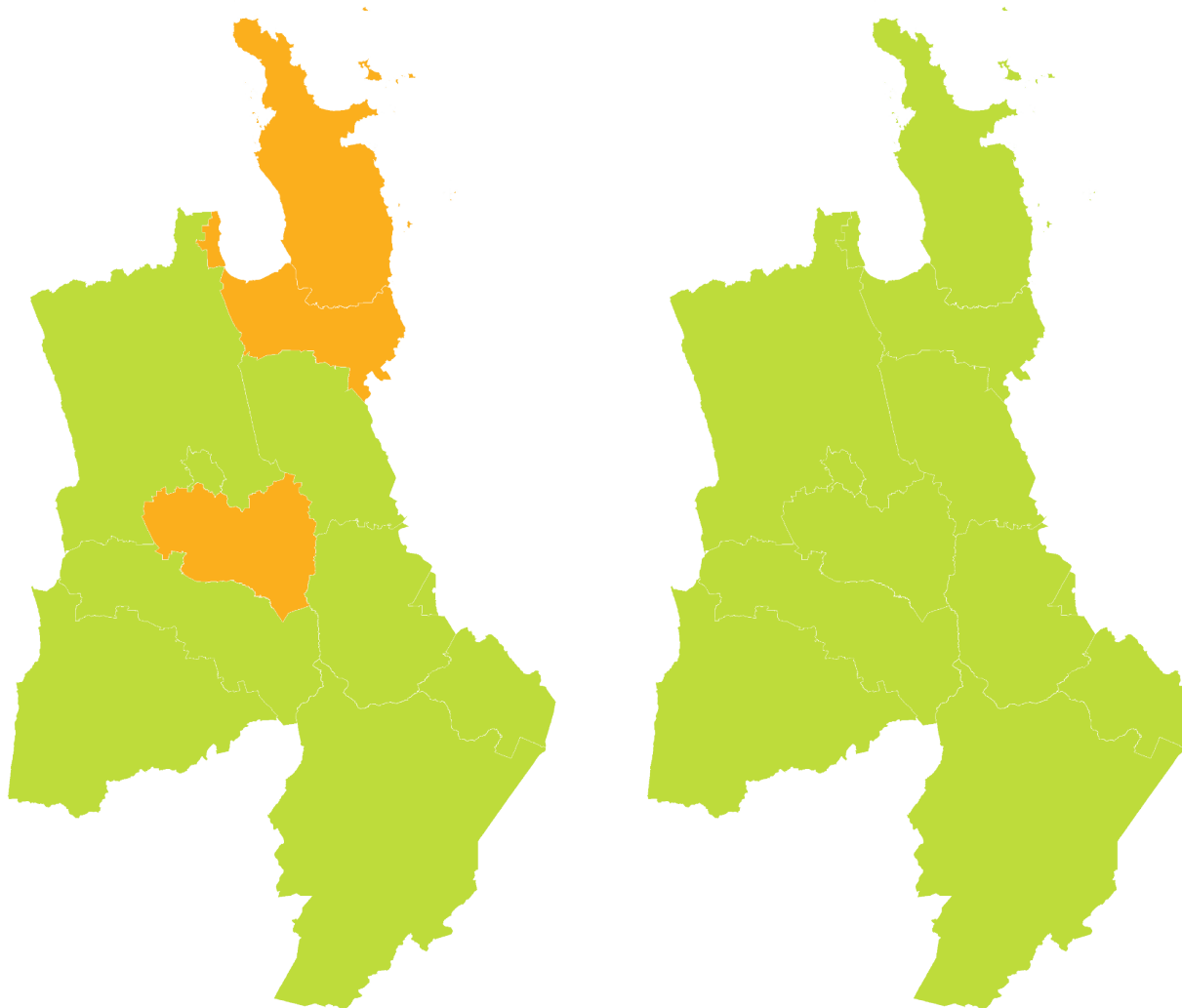
Last 10 years
2013–23



LITTLE OR NO CHANGE REGIONALLY



LITTLE OR NO CHANGE NATIONALLY



Last 5 years
2018–23



LITTLE OR NO CHANGE REGIONALLY



LITTLE OR NO CHANGE NATIONALLY

- Rapid increase
- Shallow decline
- Moderate increase
- Moderate decline
- Shallow increase
- Rapid decline
- No or little change

WAIKATO | Bellbird | Korimako

How have garden bird counts changed in this region?



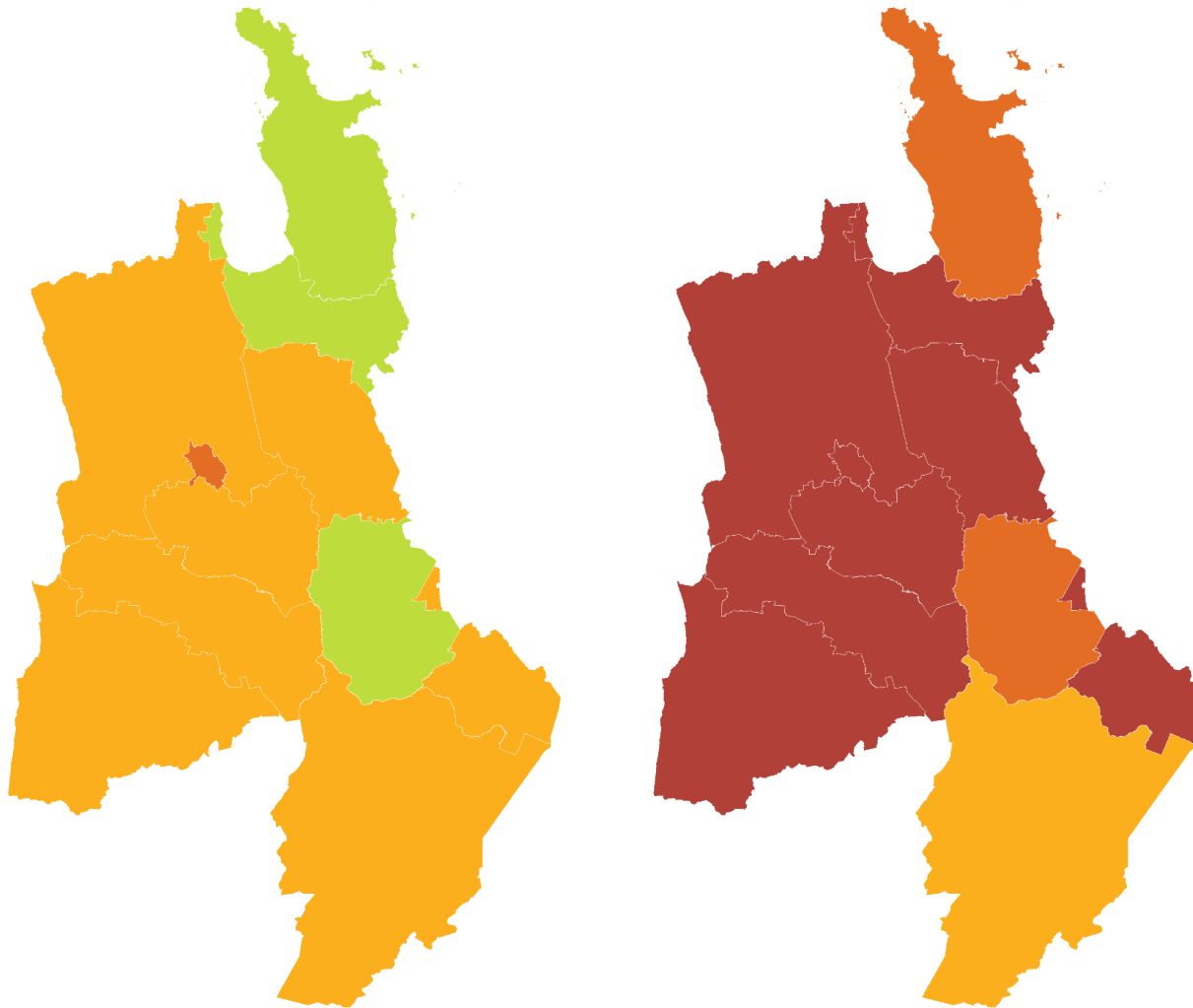
Last 10 years
2013–23



SHALLOW DECLINE
REGIONALLY



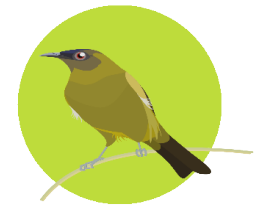
LITTLE OR NO CHANGE
NATIONALLY



Last 5 years
2018–23



MODERATE DECLINE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

WAIKATO | Starling | Tāringi

How have garden bird counts changed in this region?



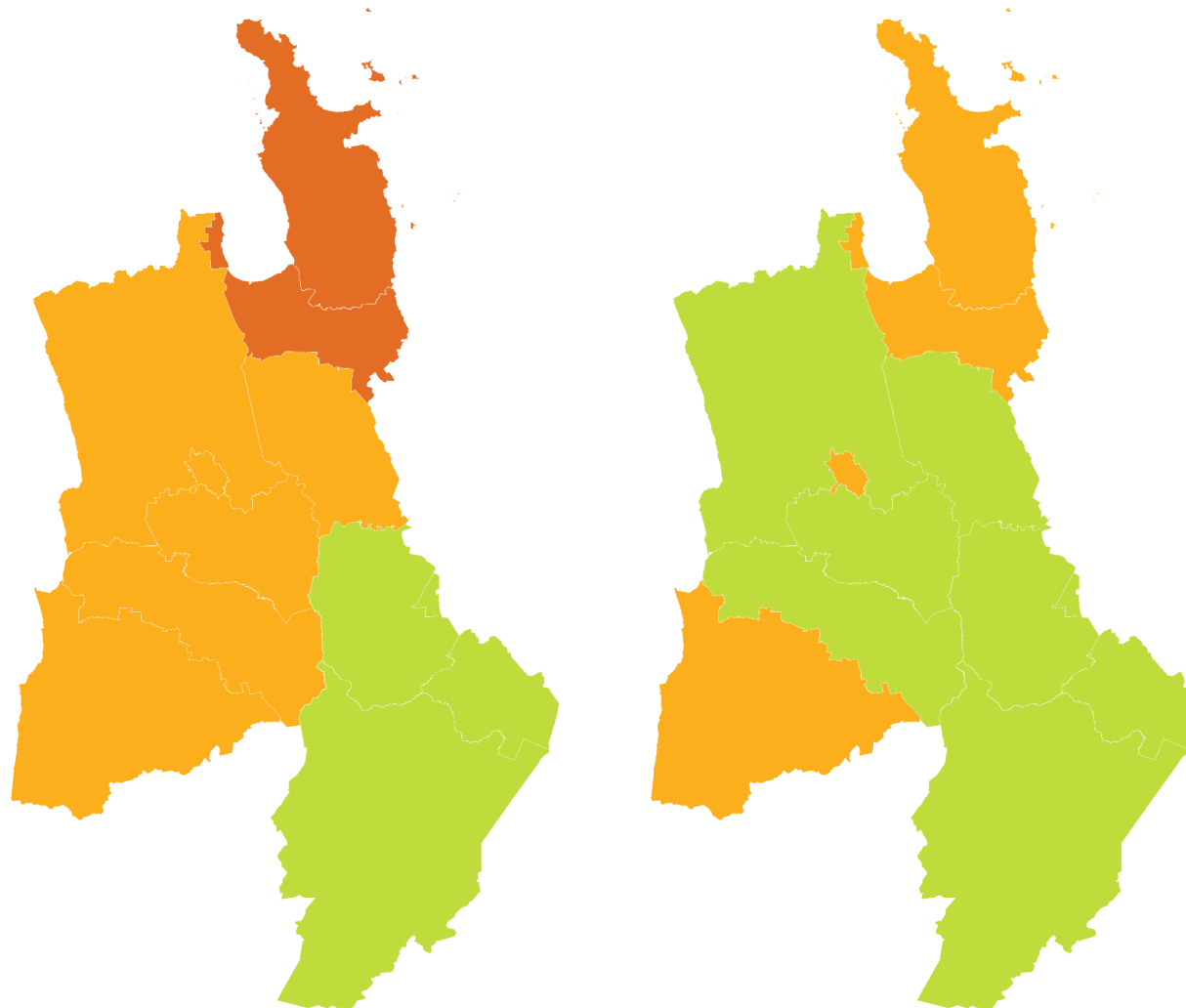
Last 10 years
2013–23



SHALLOW DECLINE
REGIONALLY



SHALLOW DECLINE
NATIONALLY



Last 5 years
2018–23



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

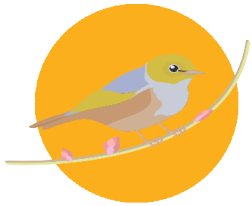
- Rapid increase
- Shallow decline
- Moderate increase
- Moderate decline
- Shallow increase
- Rapid decline
- No or little change

WAIKATO | Silvereye | Tauhou

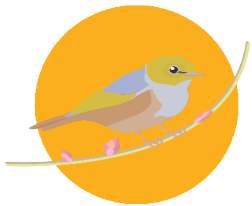
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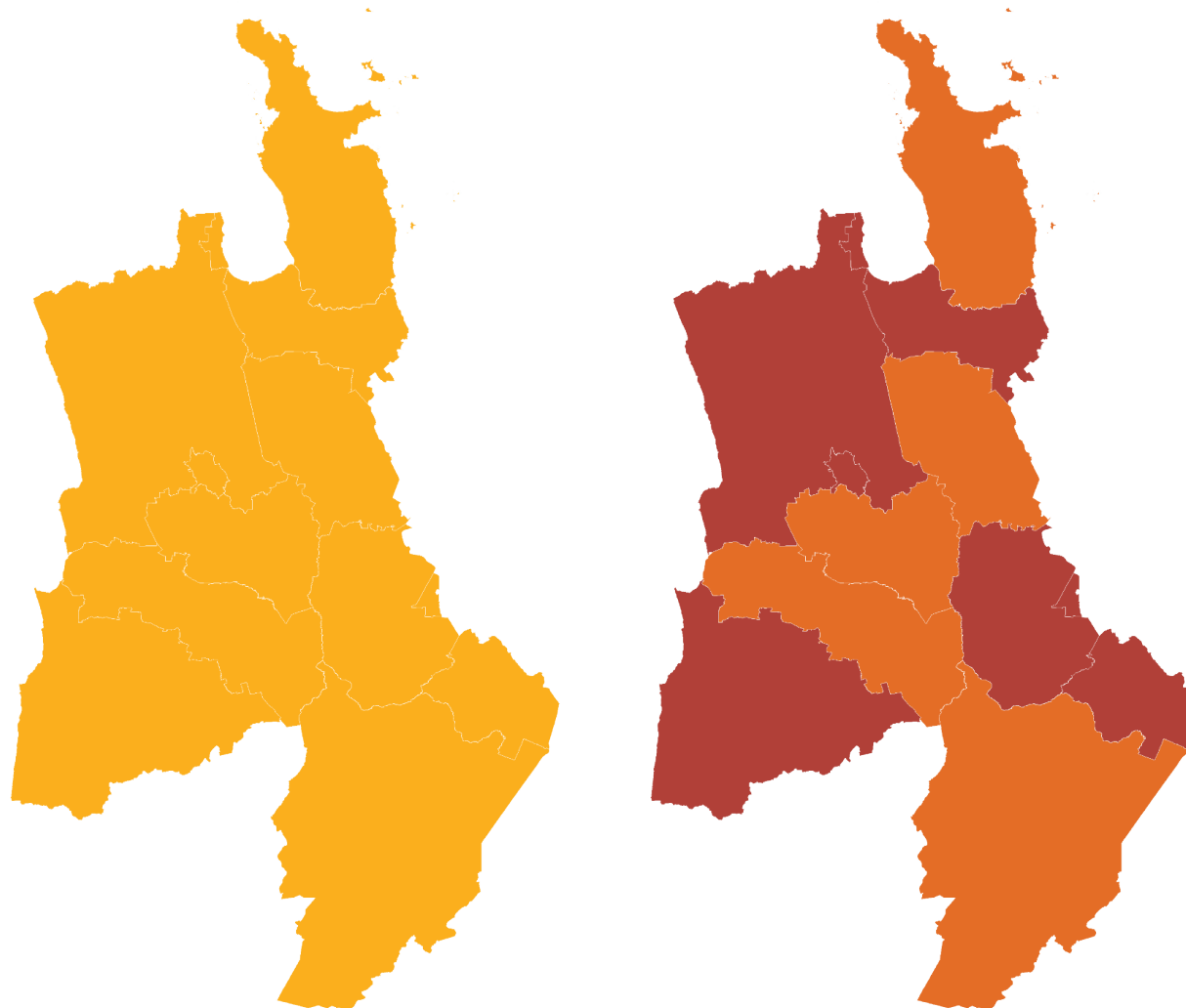
Last 10 years
2013–23



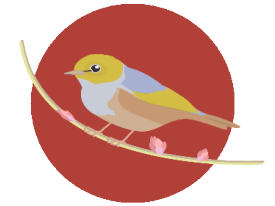
SHALLOW DECLINE
REGIONALLY



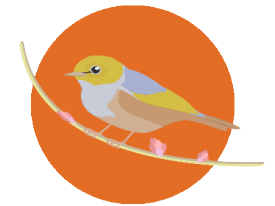
SHALLOW DECLINE
NATIONALLY



Last 5 years
2018–23



RAPID DECLINE
REGIONALLY



MODERATE DECLINE
NATIONALLY

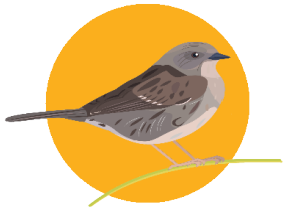
- Rapid increase
- Moderate increase
- Shallow increase
- No or little change
- Shallow decline
- Moderate decline
- Rapid decline

WAIKATO | Dunnock

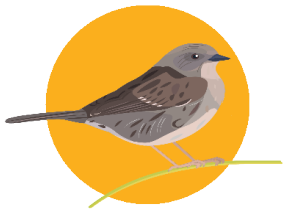
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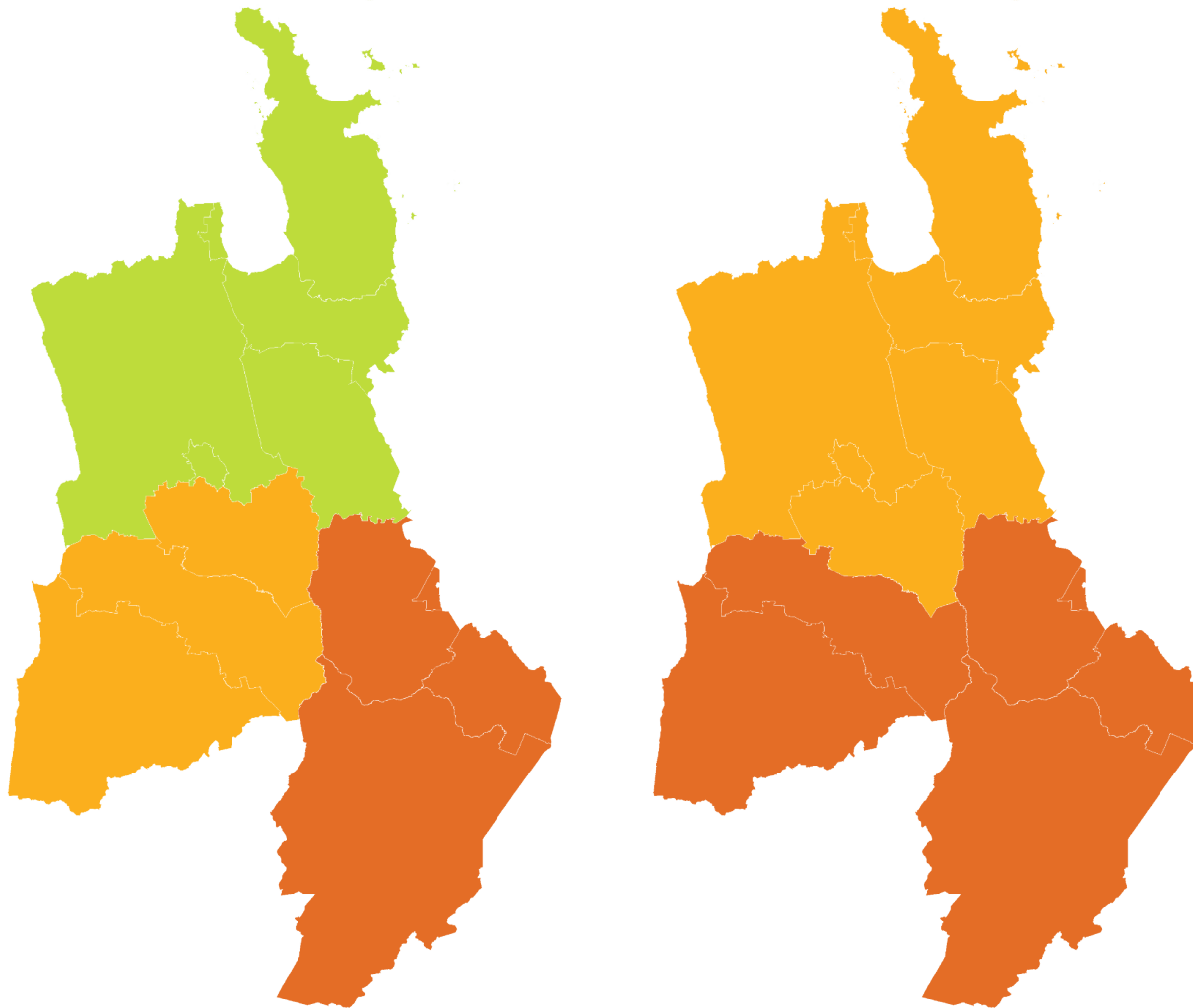
Last 10 years
2013–23



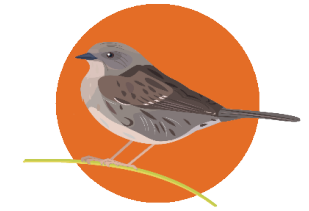
SHALLOW DECLINE
REGIONALLY



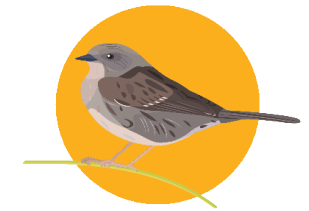
SHALLOW DECLINE
NATIONALLY



Last 5 years
2018–23



MODERATE DECLINE
REGIONALLY



SHALLOW DECLINE
NATIONALLY

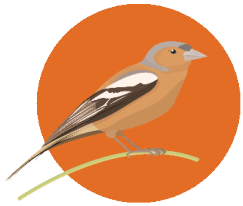
- Rapid increase
- Moderate increase
- Shallow increase
- No or little change
- Shallow decline
- Moderate decline
- Rapid decline

WAIKATO | Chaffinch | Pahirini

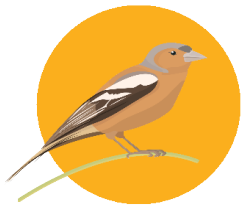
How have garden bird counts changed in this region?



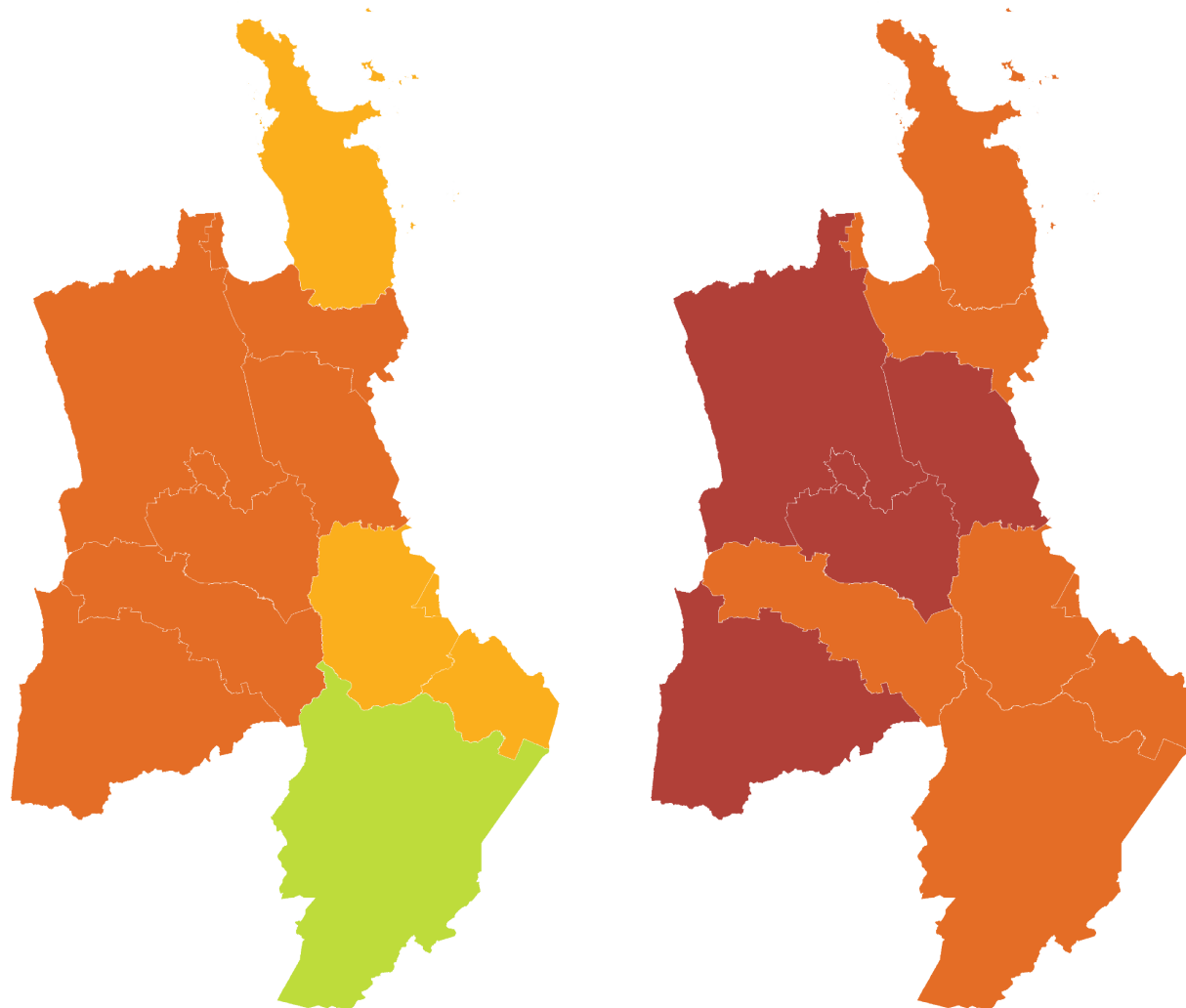
Last 10 years
2013–23



**MODERATE DECLINE
REGIONALLY**

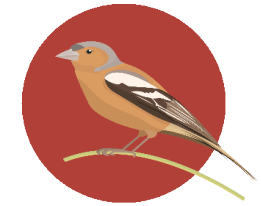


**SHALLOW DECLINE
NATIONALLY**

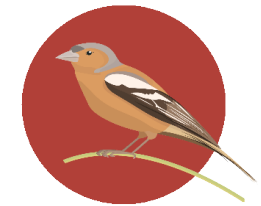


- Rapid increase
- Moderate increase
- Shallow increase
- No or little change
- Shallow decline
- Moderate decline
- Rapid decline

Last 5 years
2018–23



**RAPID DECLINE
REGIONALLY**



**RAPID DECLINE
NATIONALLY**

WAIKATO | Goldfinch

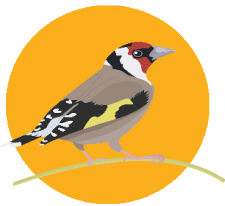
How have garden bird counts changed in this region?



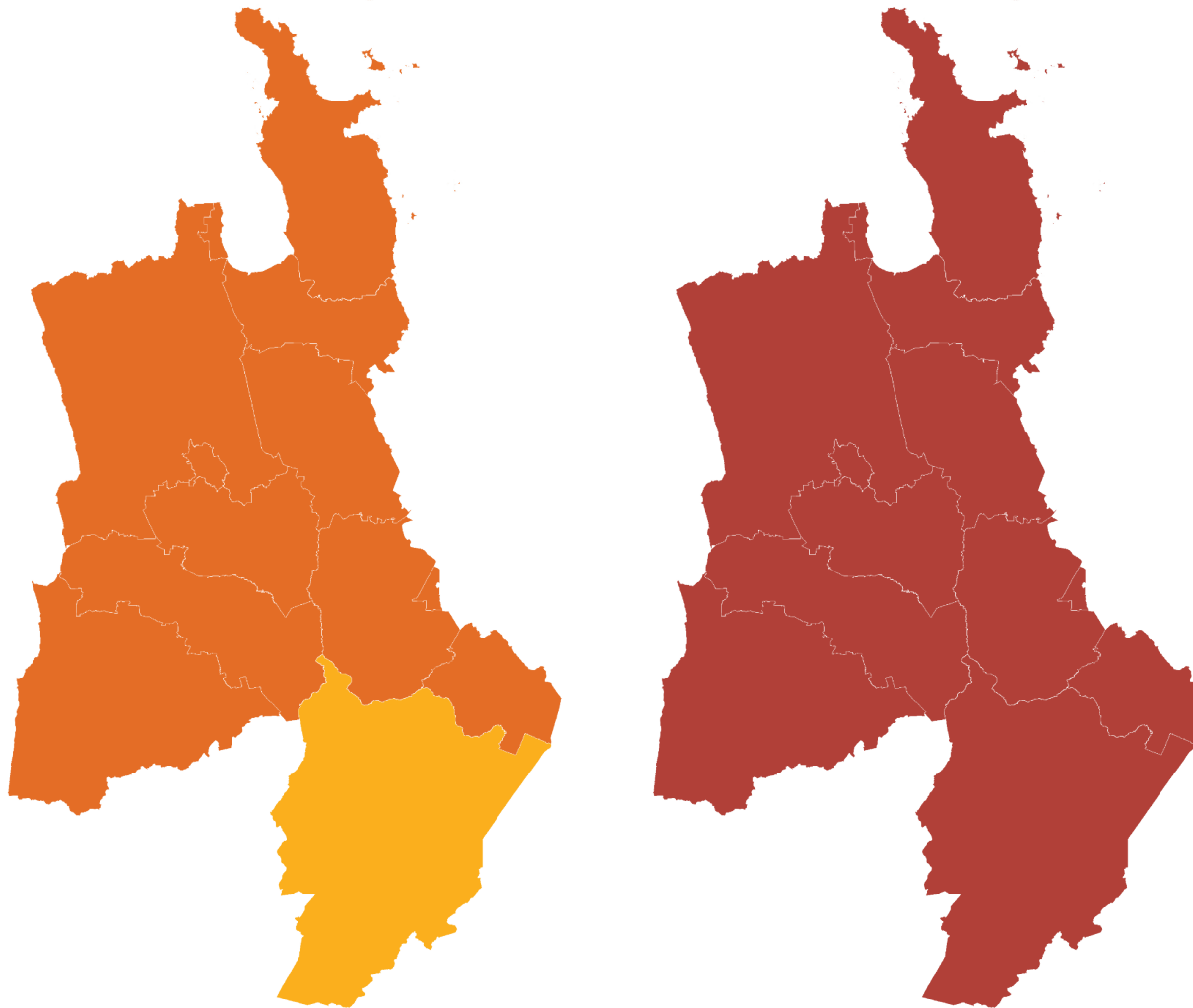
Last 10 years
2013–23



**MODERATE DECLINE
REGIONALLY**



**SHALLOW DECLINE
NATIONALLY**



- Rapid increase
- Moderate increase
- Shallow increase
- No or little change
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- Moderate decline
- Rapid decline

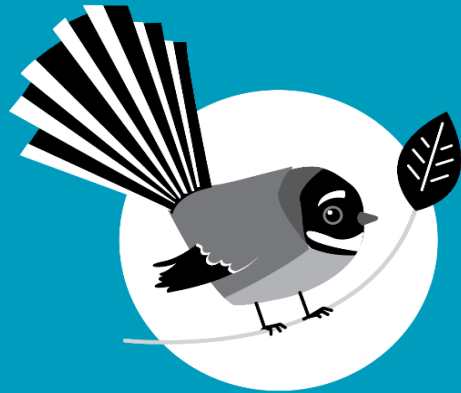
Last 5 years
2018–23



**RAPID DECLINE
REGIONALLY**



**RAPID DECLINE
NATIONALLY**



New Zealand
**GARDEN
BIRD
SURVEY**

2024
29 June to 7 July

Visit our webpage to learn more:

<https://gardenbirdsurvey.nz/>

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**Manaaki
Whenua**
Landcare
Research