



Summary report

BAY OF PLENTY REGION

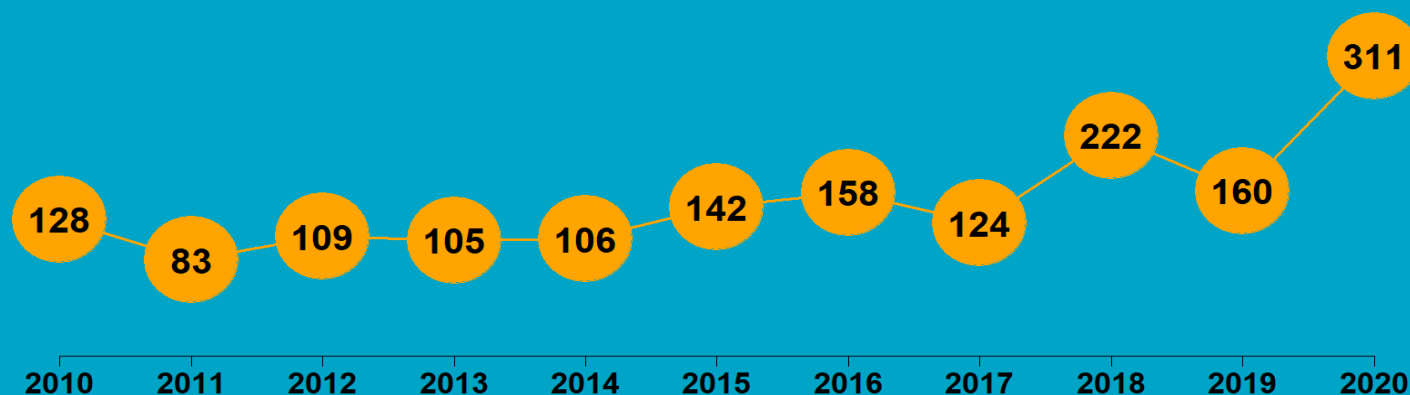
2020

State of NZ Garden Birds

Te Āhua o ngā Manu o te Kāri i Aotearoa



NUMBER OF SURVEYED GARDENS



Manaaki
Whenua
Landcare
Research

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, 39,994 garden surveys have been completed nationwide since 2010. 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. We also 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

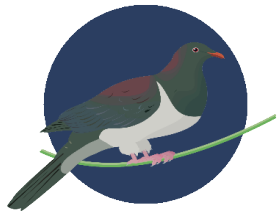


BAY OF PLENTY | Kererū | Kererū

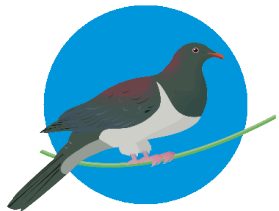
How have garden bird counts changed in this region?



Last 10 years
2010–20



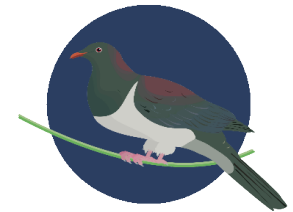
**RAPID INCREASE
REGIONALLY**



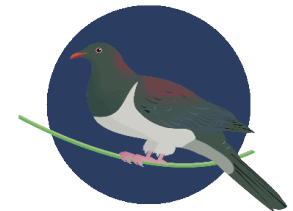
**MODERATE INCREASE
NATIONALLY**



Last 5 years
2015–20



**RAPID INCREASE
REGIONALLY**



**RAPID INCREASE
NATIONALLY**



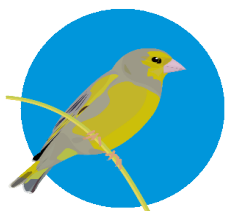
- | | |
|-----------------------|--------------------|
| ■ Rapid increase | ■ Shallow decline |
| ■ Moderate increase | ■ Moderate decline |
| ■ Shallow increase | ■ Rapid decline |
| ■ No or little change | |

BAY OF PLENTY | Greenfinch

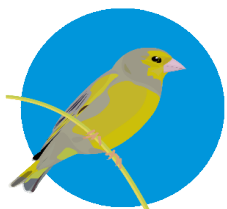
How have garden bird counts changed in this region?



Last 10 years
2010–20



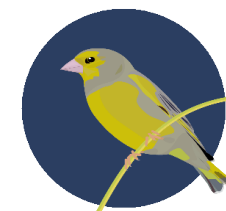
**MODERATE INCREASE
REGIONALLY**



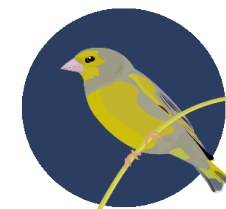
**MODERATE INCREASE
NATIONALLY**



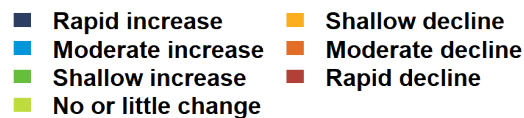
Last 5 years
2015–20



**RAPID INCREASE
REGIONALLY**



**RAPID INCREASE
NATIONALLY**



BAY OF PLENTY | Myna | Maina

How have garden bird counts changed in this region?

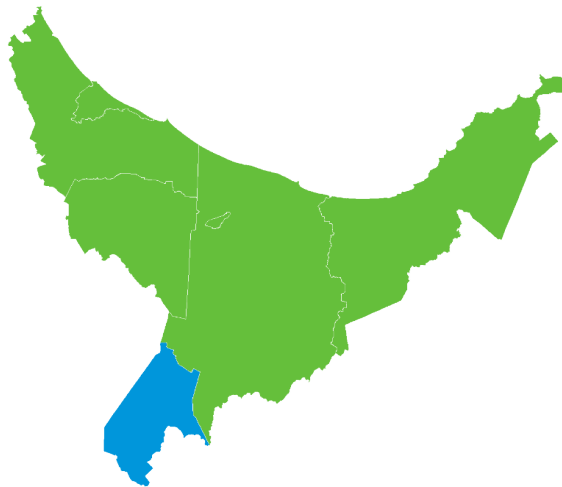
Last 10 years
2010–20



SHALLOW INCREASE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



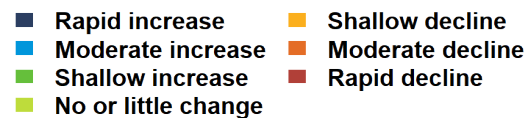
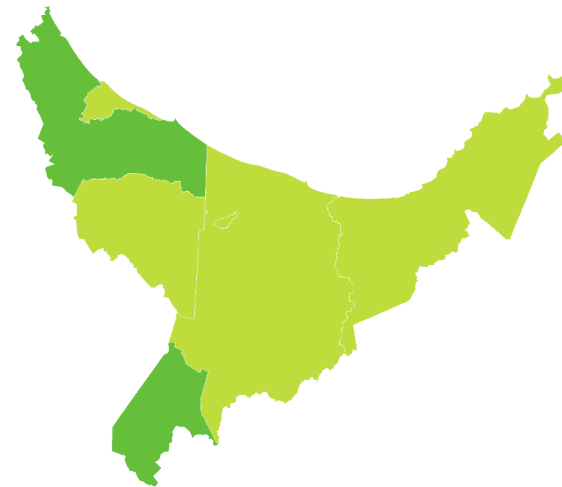
Last 5 years
2015–20



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

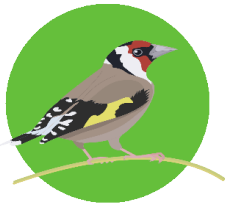


BAY OF PLENTY | Goldfinch

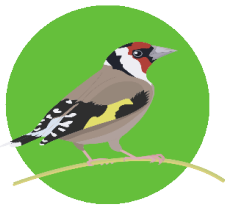
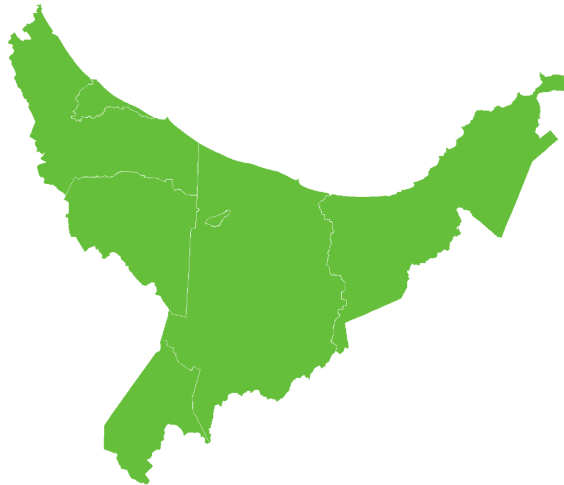
How have garden bird counts changed in this region?



Last 10 years
2010–20



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY








Last 5 years
2015–20



RAPID INCREASE
REGIONALLY



MODERATE INCREASE
NATIONALLY

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

BAY OF PLENTY | Fantail | Pīwaiwaka

How have garden bird counts changed in this region?



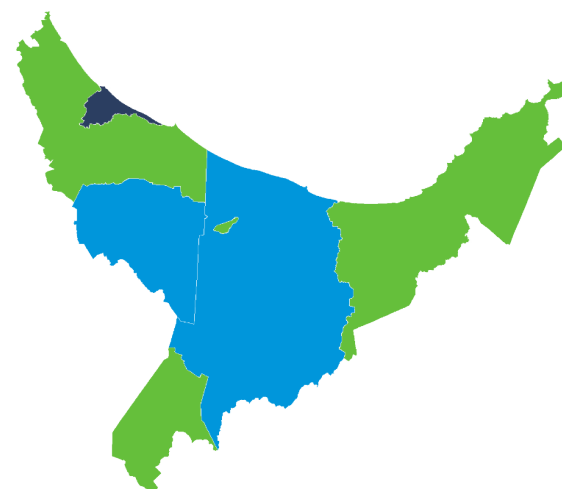
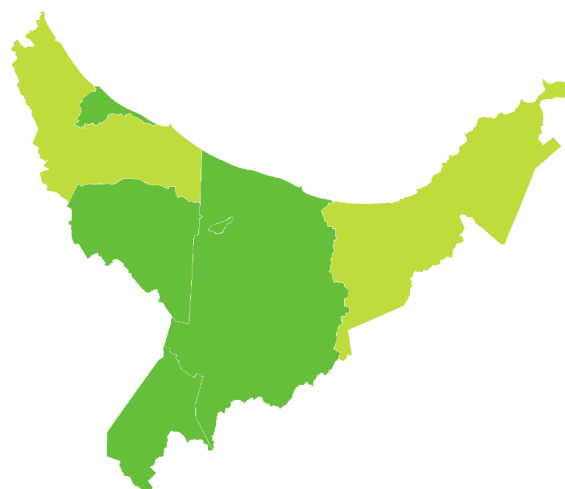
Last 10 years
2010–20



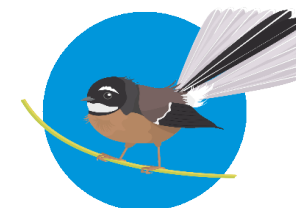
SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



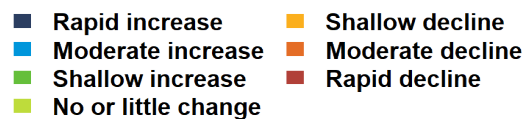
Last 5 years
2015–20



MODERATE INCREASE
REGIONALLY



RAPID INCREASE
NATIONALLY



BAY OF PLENTY | Tūī | Kōkō

How have garden bird counts changed in this region?



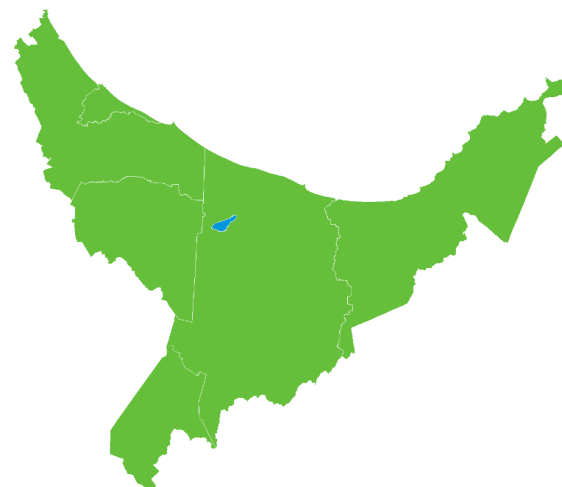
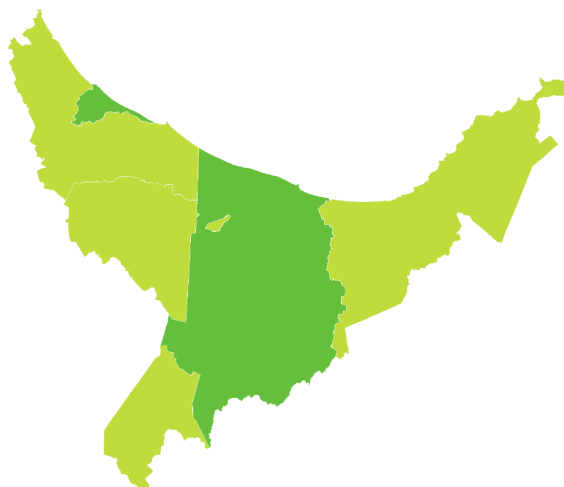
Last 10 years
2010–20



SHALLOW INCREASE
REGIONALLY



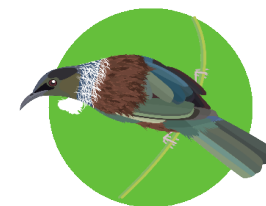
SHALLOW INCREASE
NATIONALLY



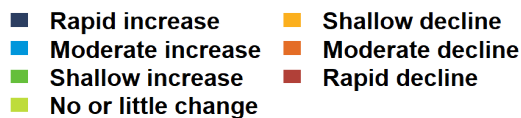
Last 5 years
2015–20



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



BAY OF PLENTY | Blackbird | Manu pango

How have garden bird counts changed in this region?

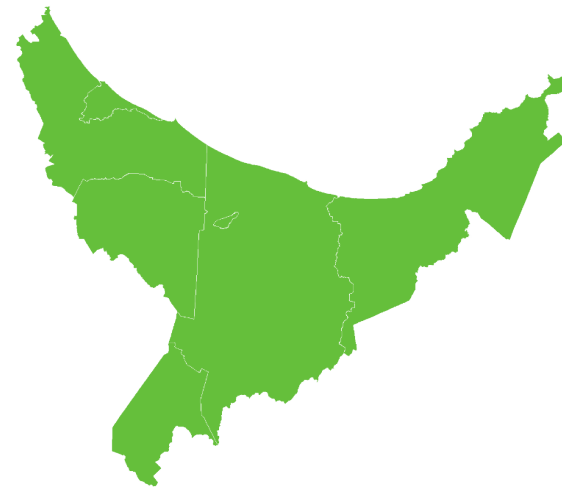
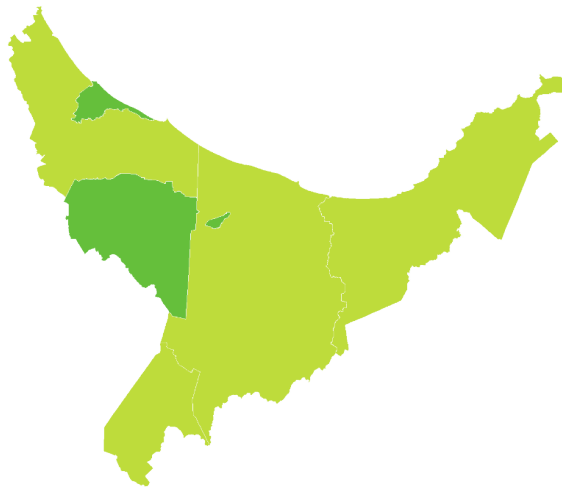
Last 10 years
2010–20



SHALLOW INCREASE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



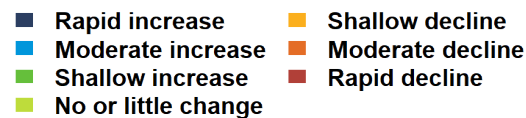
Last 5 years
2015–20



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



BAY OF PLENTY | House sparrow | Tiu

How have garden bird counts changed in this region?

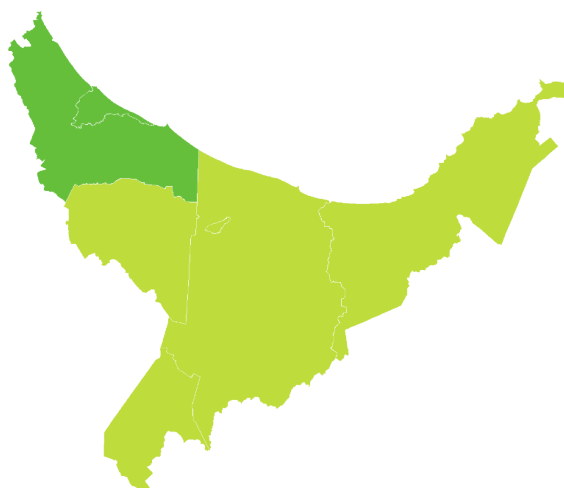
Last 10 years
2010–20



SHALLOW INCREASE
REGIONALLY



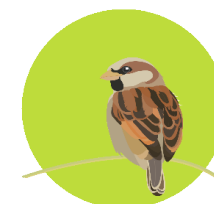
LITTLE OR NO CHANGE
NATIONALLY



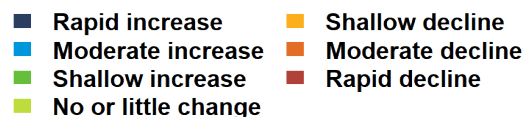
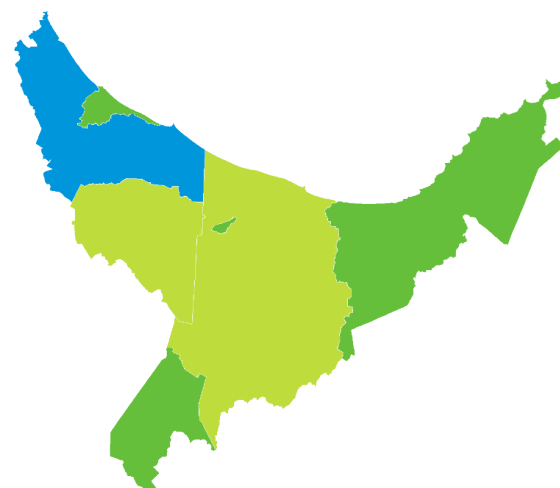
Last 5 years
2015–20



SHALLOW INCREASE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



BAY OF PLENTY | Chaffinch | Pahirini

How have garden bird counts changed in this region?



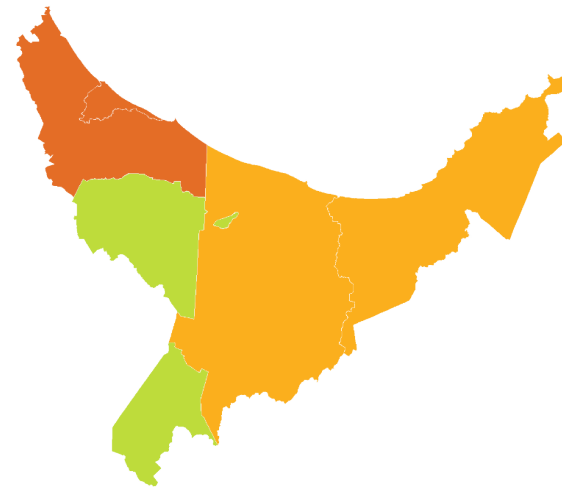
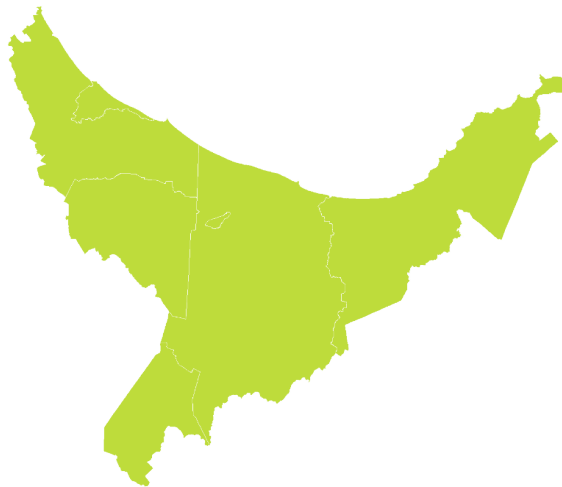
Last 10 years
2010–20



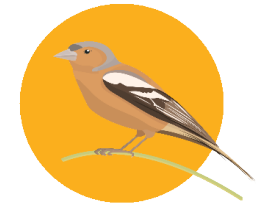
LITTLE OR NO CHANGE
REGIONALLY



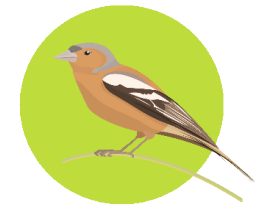
LITTLE OR NO CHANGE
NATIONALLY



Last 5 years
2015–20



SHALLOW DECLINE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

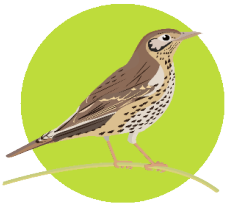


BAY OF PLENTY | Song thrush

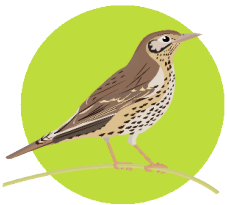
How have garden bird counts changed in this region?



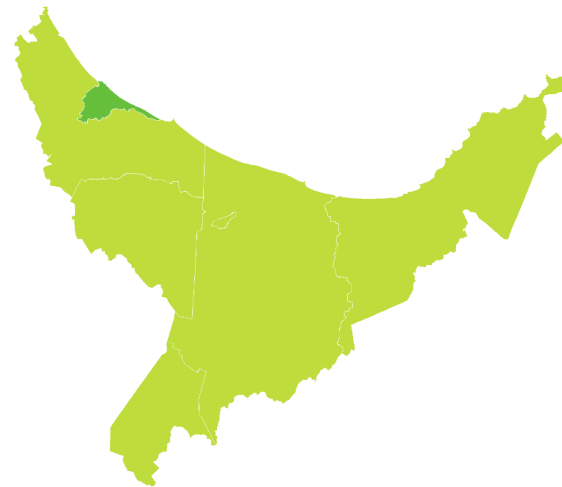
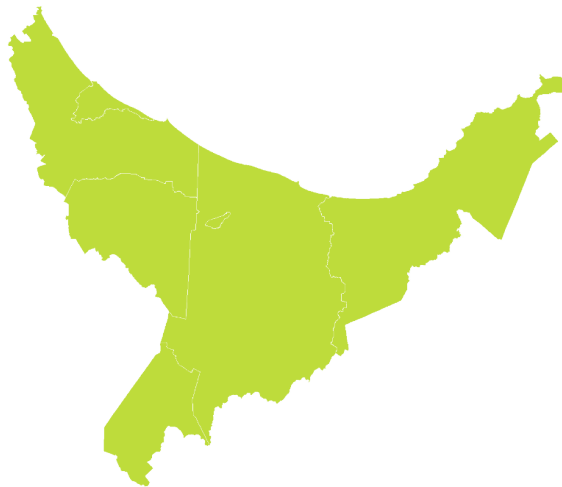
Last 10 years
2010–20



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



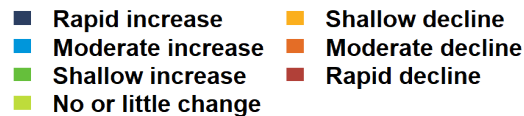
Last 5 years
2015–20



LITTLE OR NO CHANGE
REGIONALLY



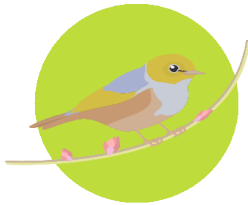
LITTLE OR NO CHANGE
NATIONALLY



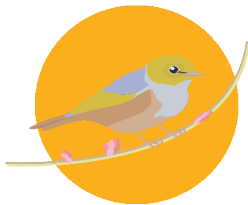
BAY OF PLENTY | Silvereye | Tauhou

How have garden bird counts changed in this region?

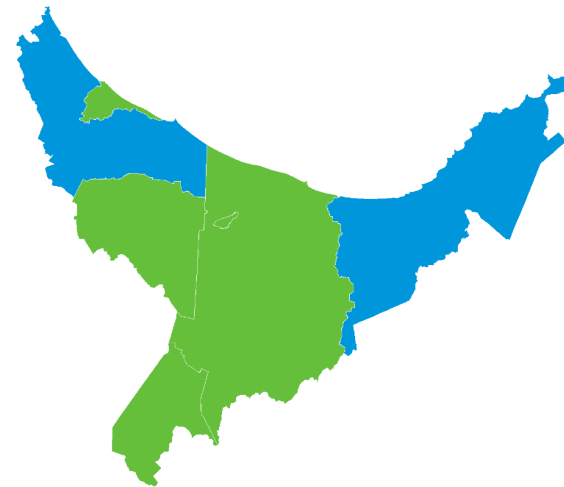
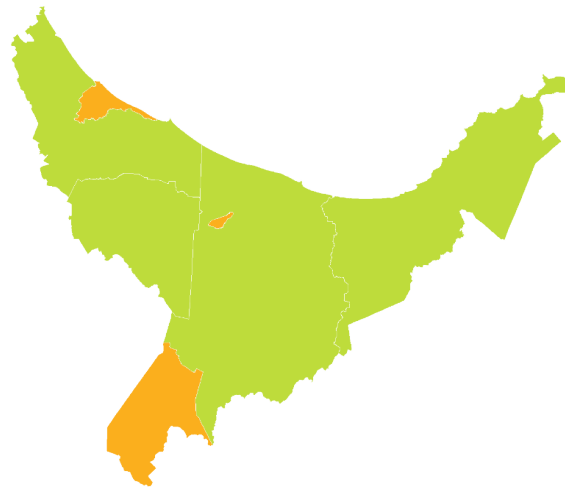
Last 10 years
2010–20



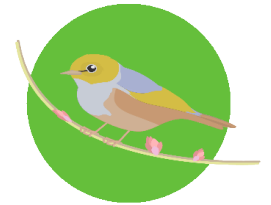
LITTLE OR NO CHANGE
REGIONALLY



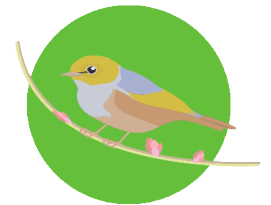
SHALLOW DECLINE
NATIONALLY



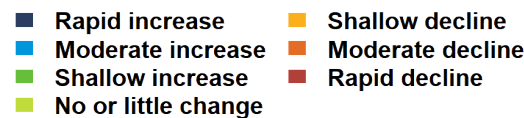
Last 5 years
2015–20



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY

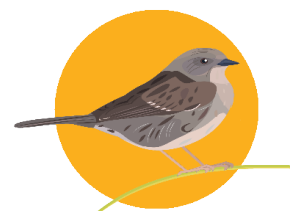


BAY OF PLENTY | Dunnock

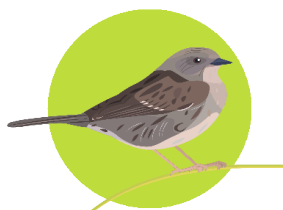
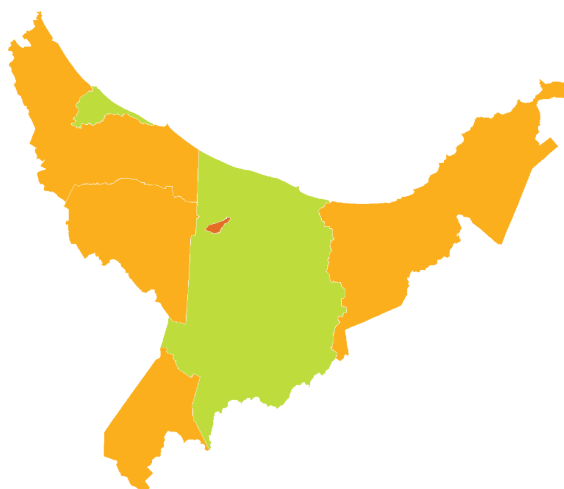
How have garden bird counts changed in this region?



Last 10 years
2010–20

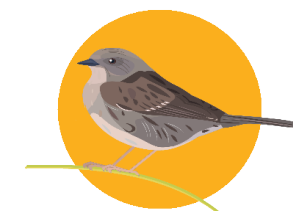


SHALLOW DECLINE
REGIONALLY

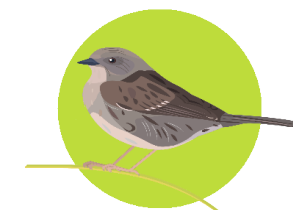
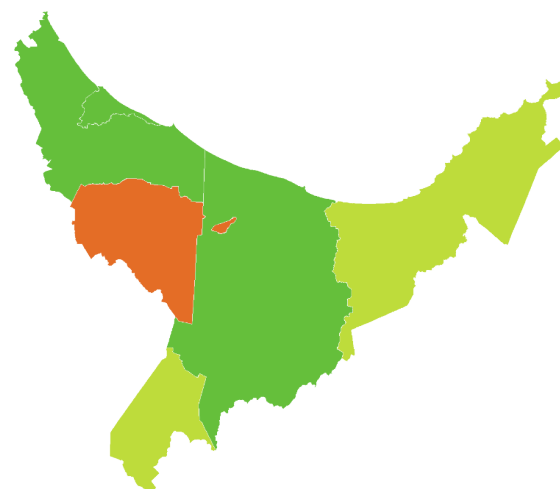


LITTLE OR NO CHANGE
NATIONALLY

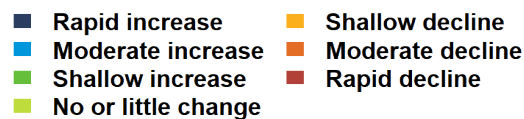
Last 5 years
2015–20



SHALLOW DECLINE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



BAY OF PLENTY | Starling | Tāringi

How have garden bird counts changed in this region?



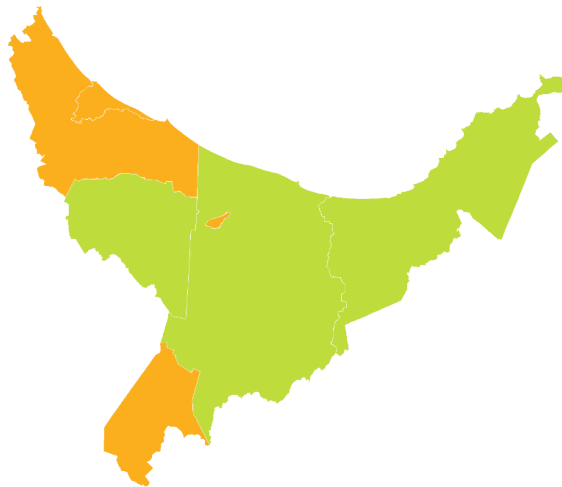
Last 10 years
2010–20



SHALLOW DECLINE
REGIONALLY



MODERATE DECLINE
NATIONALLY



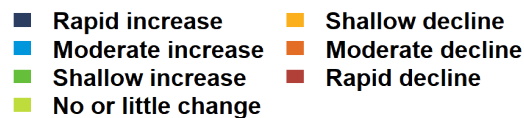
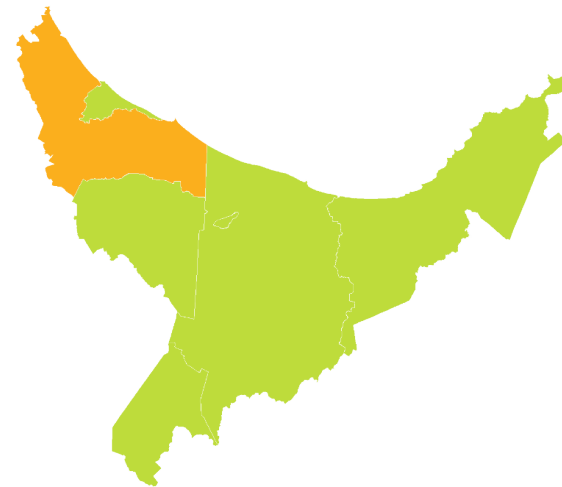
Last 5 years
2015–20



LITTLE OR NO CHANGE
REGIONALLY



SHALLOW DECLINE
NATIONALLY



BAY OF PLENTY | Bellbird | Korimako

How have garden bird counts changed in this region?

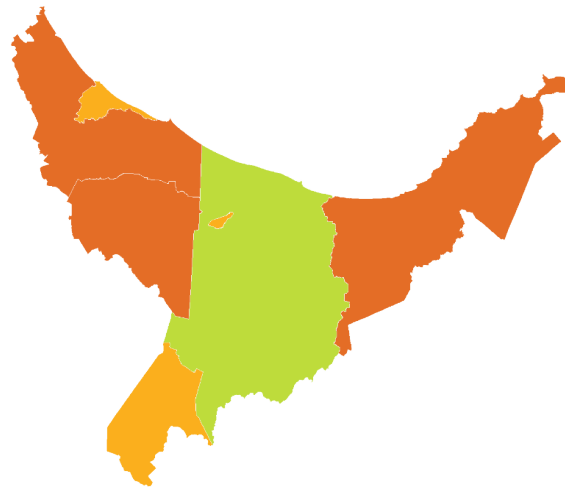
Last 10 years
2010–20



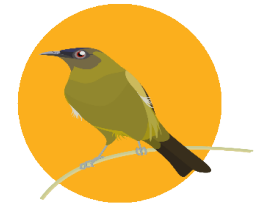
SHALLOW DECLINE
REGIONALLY



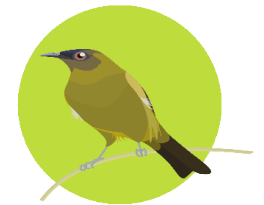
LITTLE OR NO CHANGE
NATIONALLY



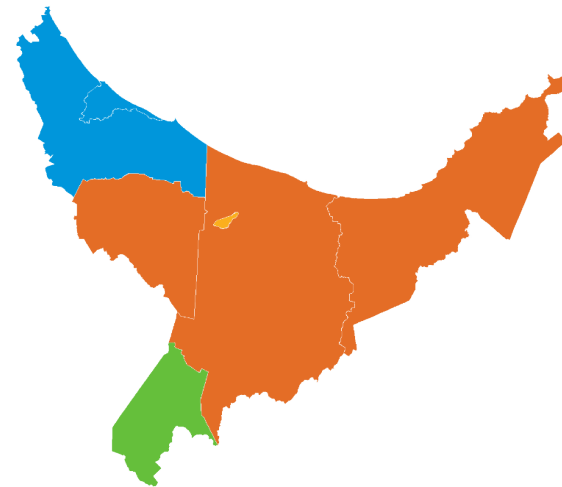
Last 5 years
2015–20



SHALLOW DECLINE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



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



2021

26 June to 4 July

Visit our webpage to learn more:
gardenbirdssurvey.landcareresearch.co.nz

This report should be cited as: Hayman E, Brandt AJ, MacLeod CJ, Howard S, Gormley AM, Spurr EB. 2021.
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**Manaaki
Whenua**
Landcare
Research