



Summary report

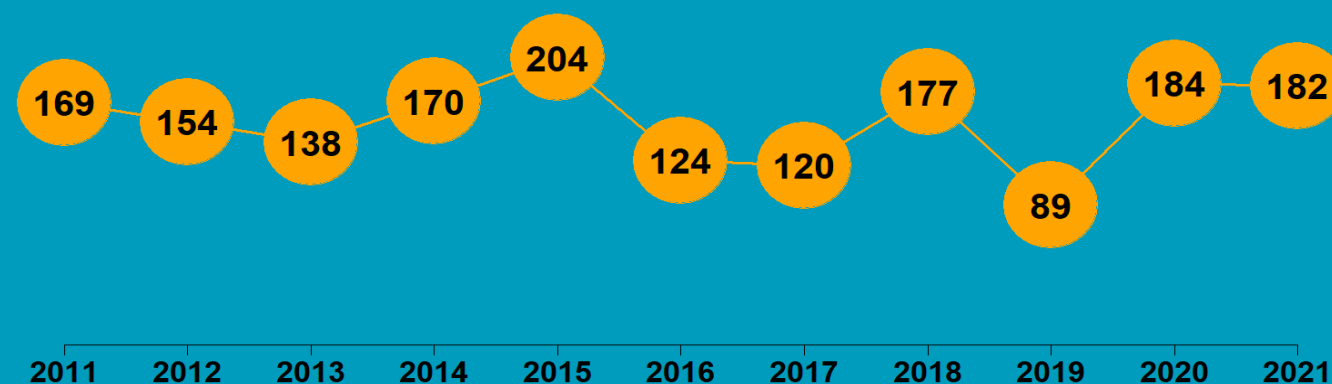
HAWKE'S BAY REGION

2021

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, 41,890 garden surveys have been completed nationwide since 2011. 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

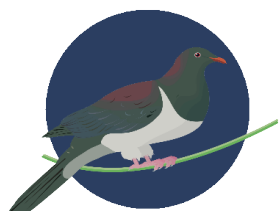


HAWKE'S BAY | Kererū | Kererū

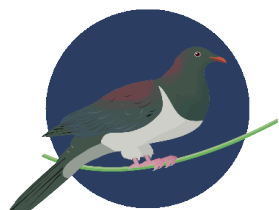
How have garden bird counts changed in this region?



Last 10 years
2011–21



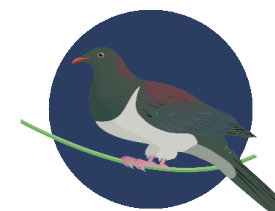
**RAPID INCREASE
REGIONALLY**



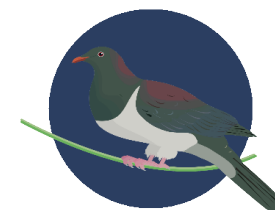
**RAPID INCREASE
NATIONALLY**



Last 5 years
2016–21



**RAPID INCREASE
REGIONALLY**



**RAPID INCREASE
NATIONALLY**

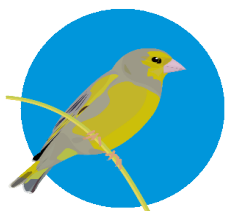


HAWKE'S BAY | Greenfinch

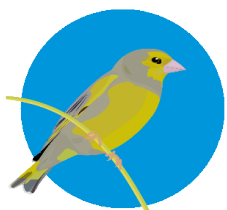
How have garden bird counts changed in this region?



Last 10 years
2011–21



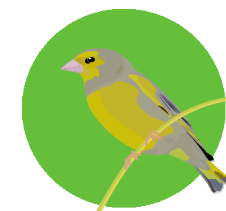
**MODERATE INCREASE
REGIONALLY**



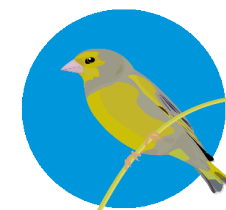
**MODERATE INCREASE
NATIONALLY**



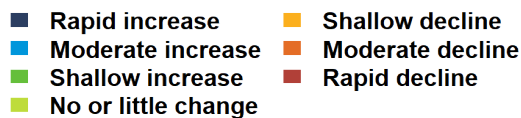
Last 5 years
2016–21



**SHALLOW INCREASE
REGIONALLY**



**MODERATE INCREASE
NATIONALLY**

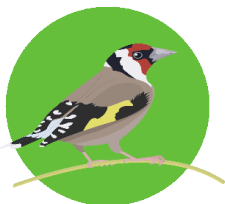


HAWKE'S BAY | Goldfinch

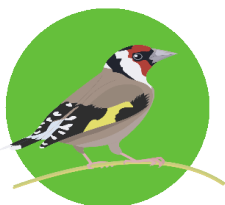
How have garden bird counts changed in this region?



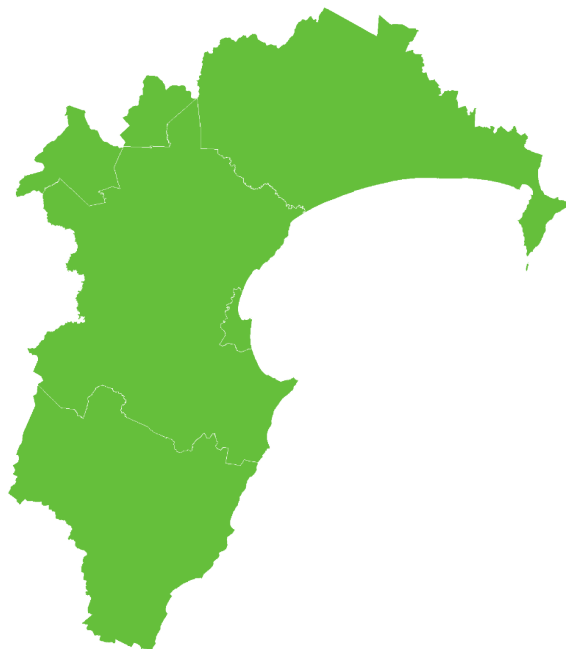
Last 10 years
2011–21



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



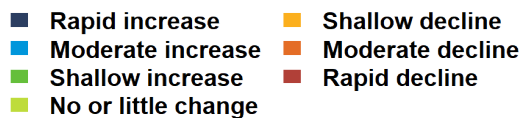
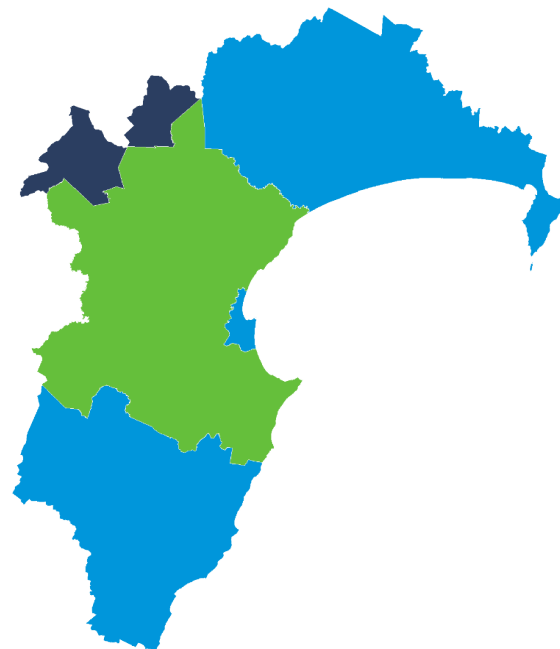
Last 5 years
2016–21



SHALLOW INCREASE
REGIONALLY



RAPID INCREASE
NATIONALLY



HAWKE'S BAY | Tūī | Kōkō

How have garden bird counts changed in this region?



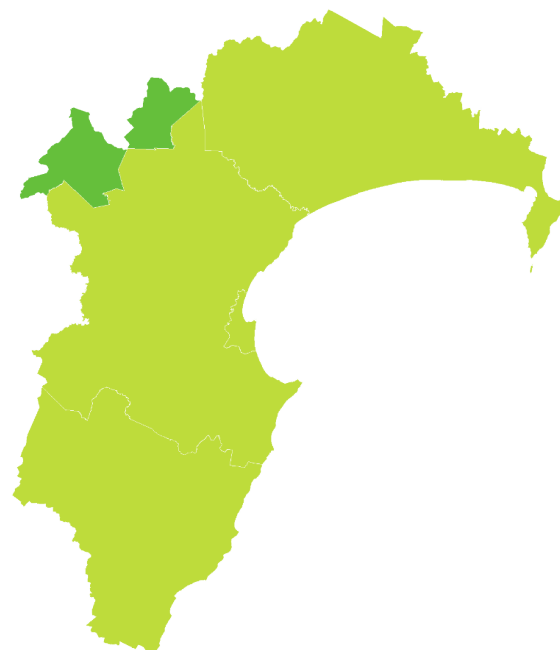
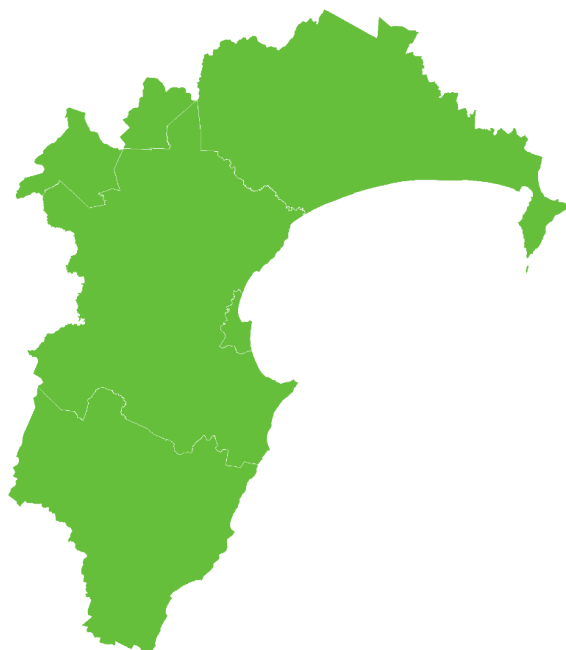
Last 10 years
2011–21



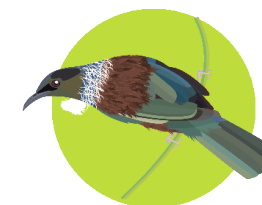
SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



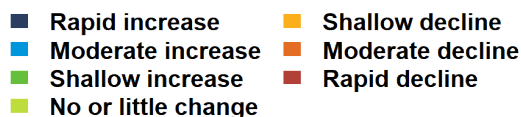
Last 5 years
2016–21



LITTLE OR NO CHANGE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



HAWKE'S BAY | Blackbird | Manu pango

How have garden bird counts changed in this region?

Last 10 years
2011–21



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



Last 5 years
2016–21



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY

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

HAWKE'S BAY | Fantail | Pīwakawaka

How have garden bird counts changed in this region?



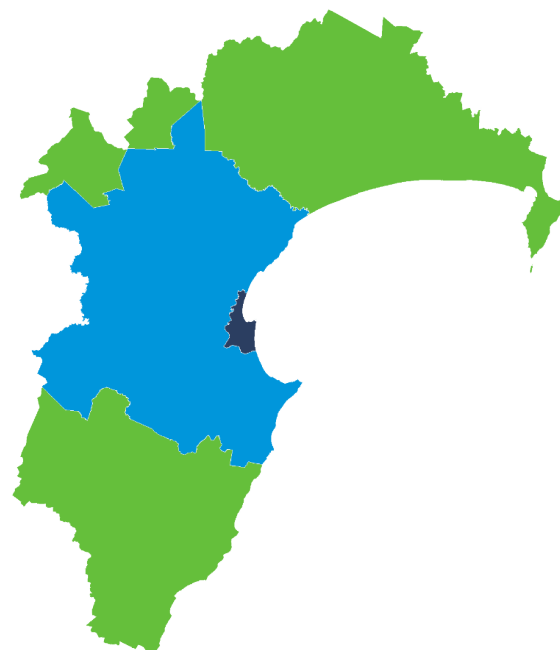
Last 10 years
2011–21



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



Last 5 years
2016–21



MODERATE INCREASE
REGIONALLY



MODERATE INCREASE
NATIONALLY



HAWKE'S BAY | Myna | Maina

How have garden bird counts changed in this region?



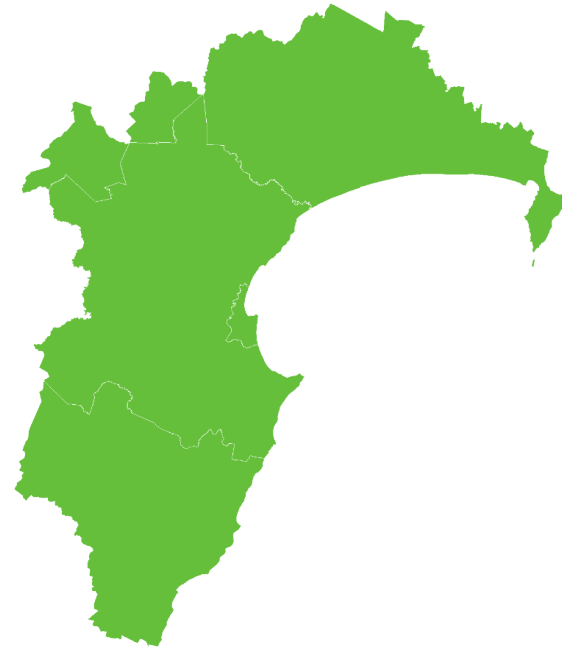
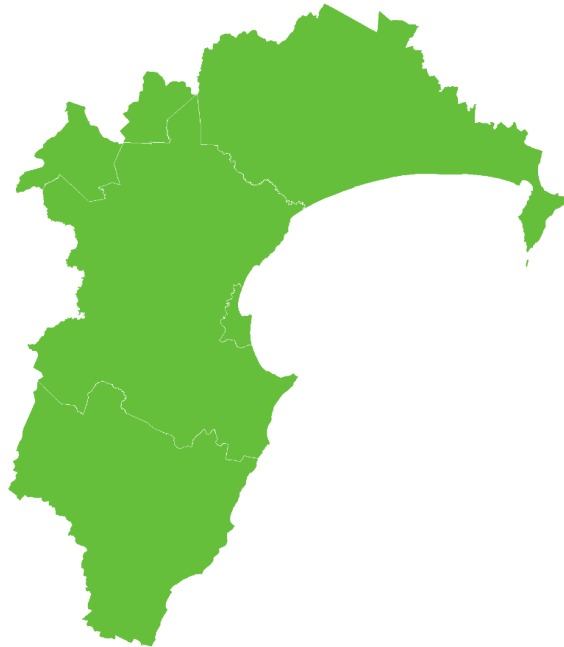
Last 10 years
2011–21



SHALLOW INCREASE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



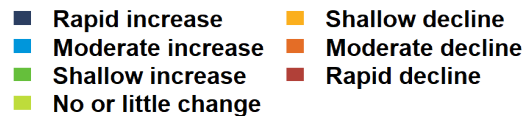
Last 5 years
2016–21



SHALLOW INCREASE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



HAWKE'S BAY | Chaffinch | Pahirini

How have garden bird counts changed in this region?



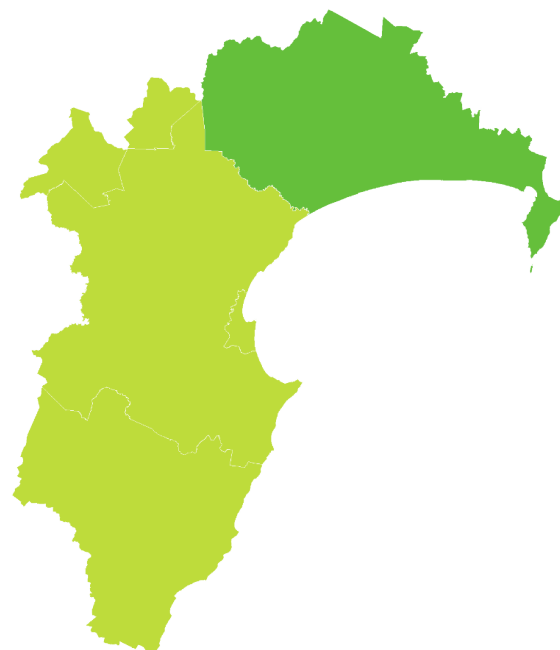
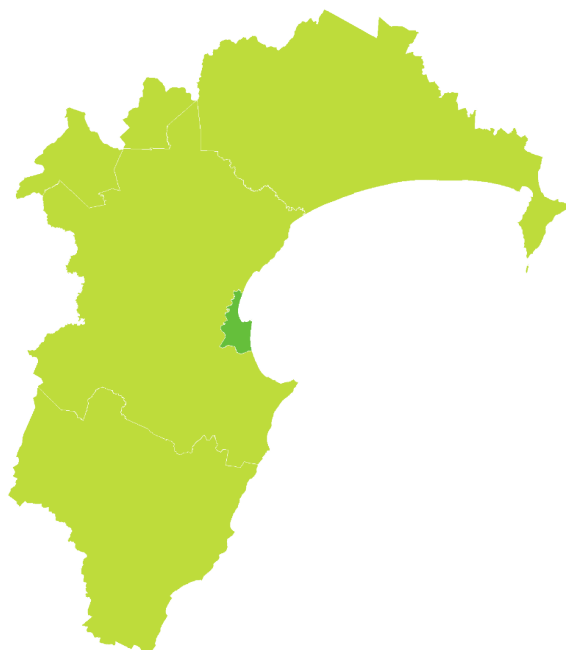
Last 10 years
2011–21



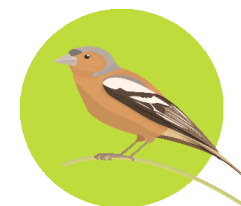
LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



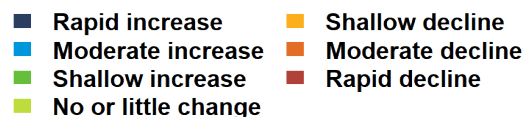
Last 5 years
2016–21



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



HAWKE'S BAY | House sparrow | Tiu

How have garden bird counts changed in this region?



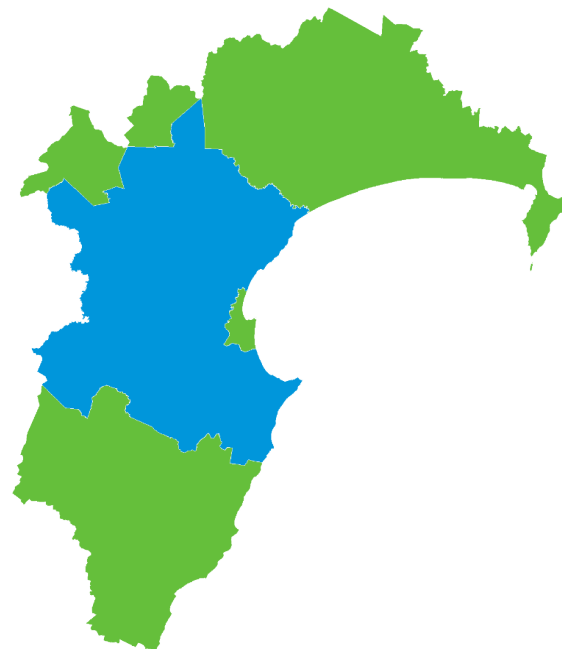
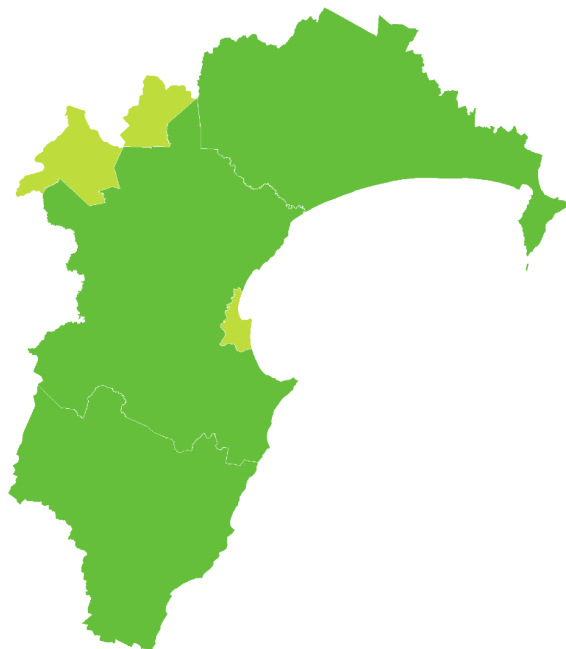
Last 10 years
2011–21



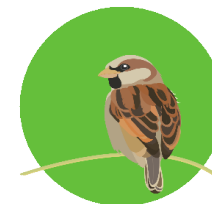
LITTLE OR NO CHANGE
REGIONALLY



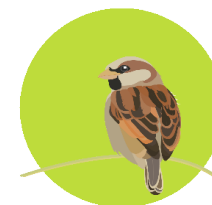
LITTLE OR NO CHANGE
NATIONALLY



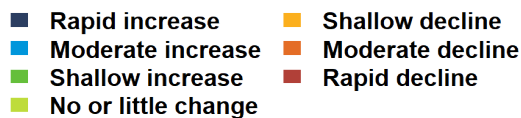
Last 5 years
2016–21



SHALLOW INCREASE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

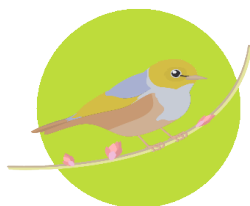


HAWKE'S BAY | Silvereye | Tauhou

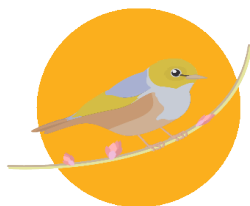
How have garden bird counts changed in this region?



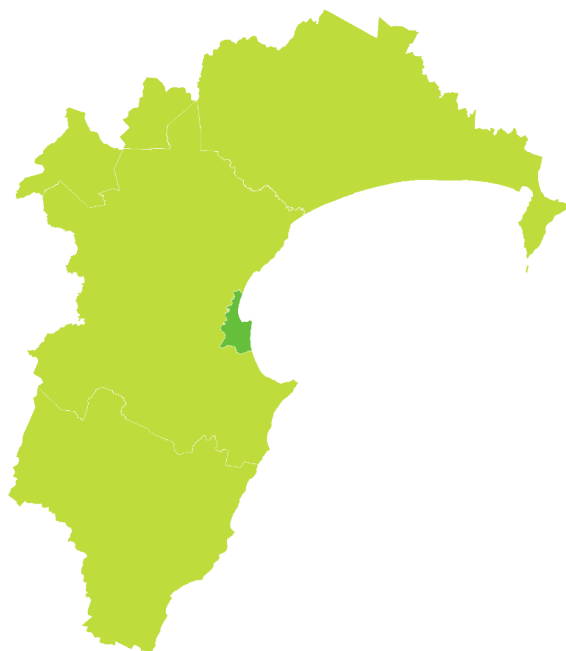
Last 10 years
2011–21



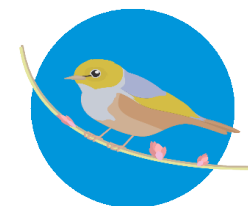
LITTLE OR NO CHANGE
REGIONALLY



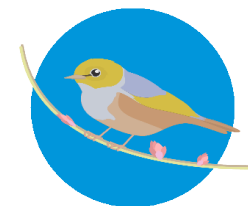
SHALLOW DECLINE
NATIONALLY



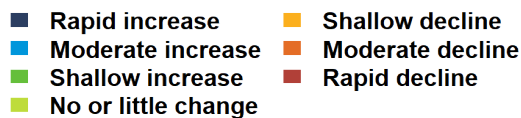
Last 5 years
2016–21



MODERATE INCREASE
REGIONALLY



MODERATE INCREASE
NATIONALLY

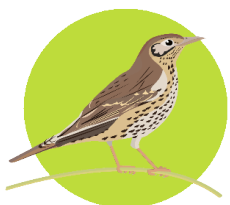


HAWKE'S BAY | Song thrush

How have garden bird counts changed in this region?



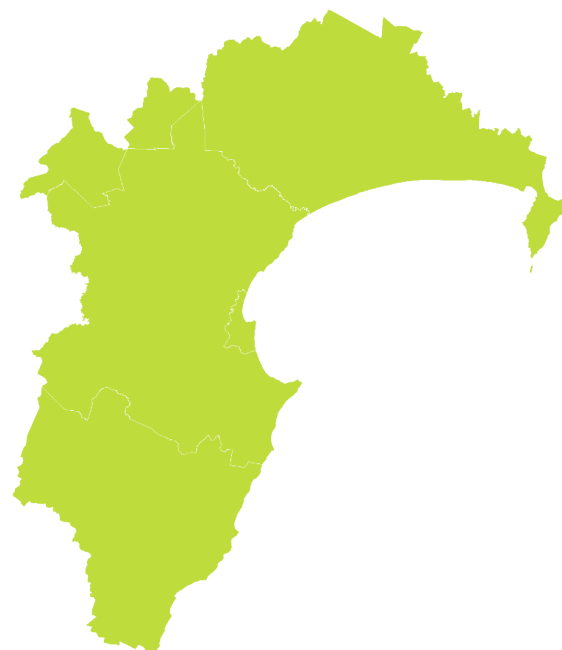
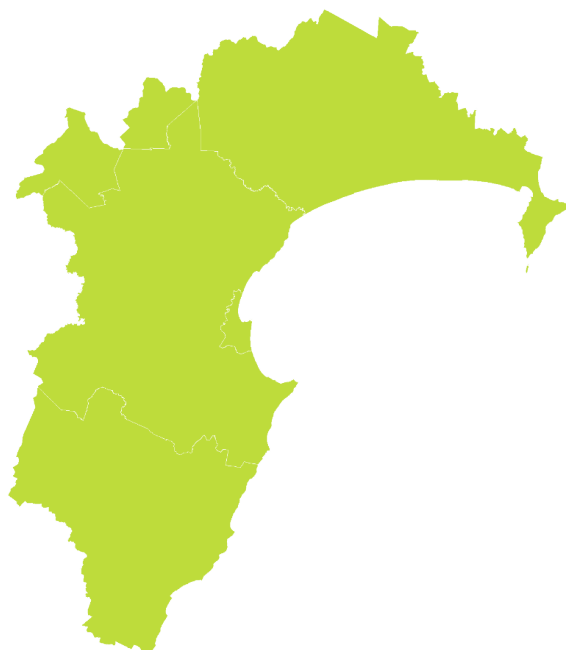
Last 10 years
2011–21



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



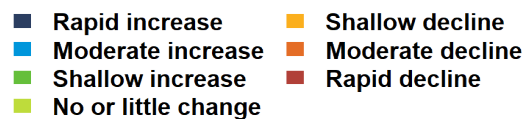
Last 5 years
2016–21



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



HAWKE'S BAY | Bellbird | Korimako

How have garden bird counts changed in this region?



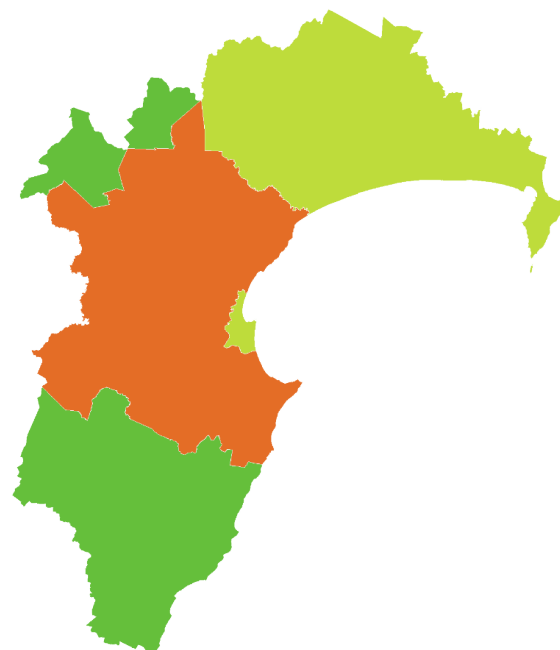
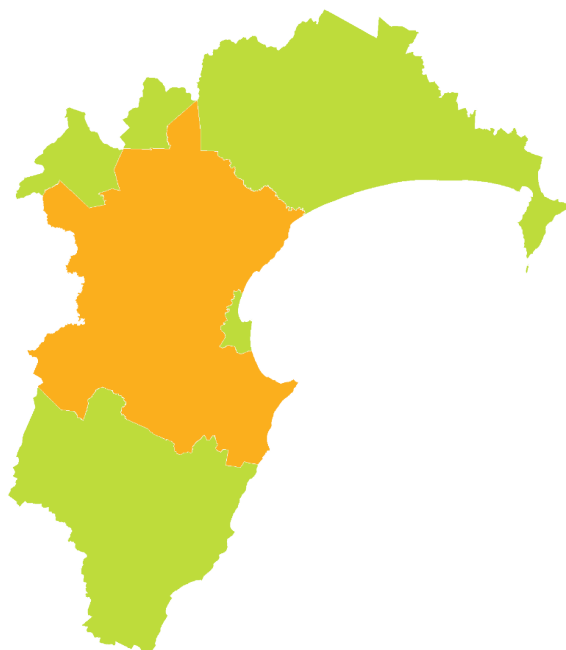
Last 10 years
2011–21



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



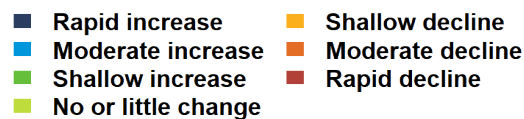
Last 5 years
2016–21



SHALLOW DECLINE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

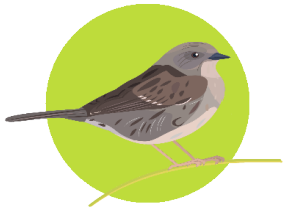


HAWKE'S BAY | Dunnock

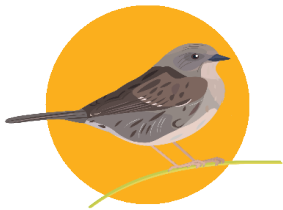
How have garden bird counts changed in this region?



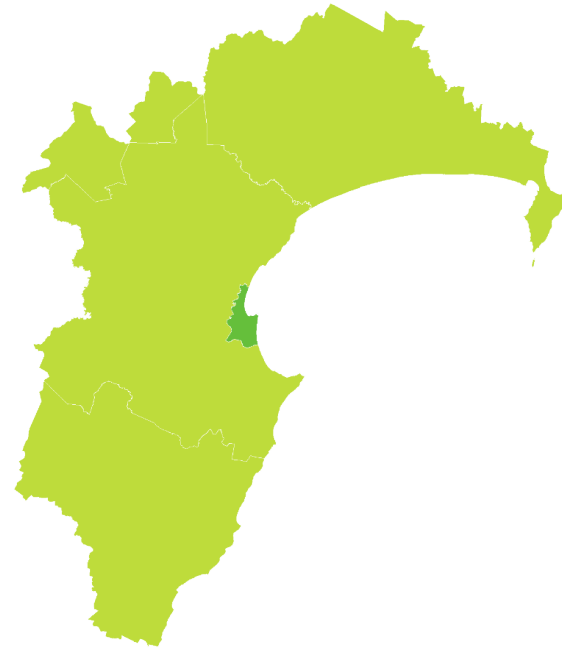
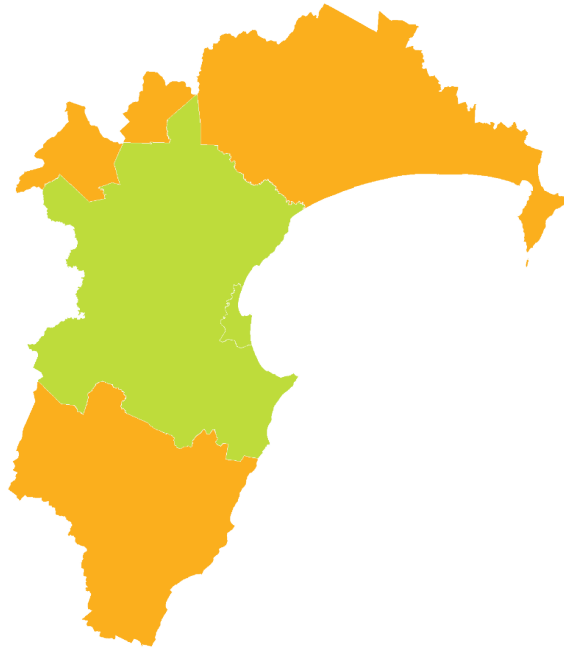
Last 10 years
2011–21



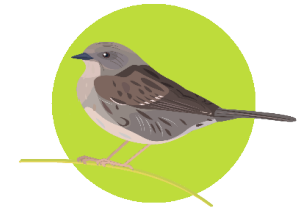
LITTLE OR NO CHANGE
REGIONALLY



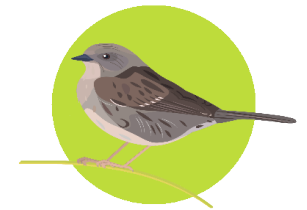
SHALLOW DECLINE
NATIONALLY



Last 5 years
2016–21



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 | |

HAWKE'S BAY | Starling | Tāringi

How have garden bird counts changed in this region?



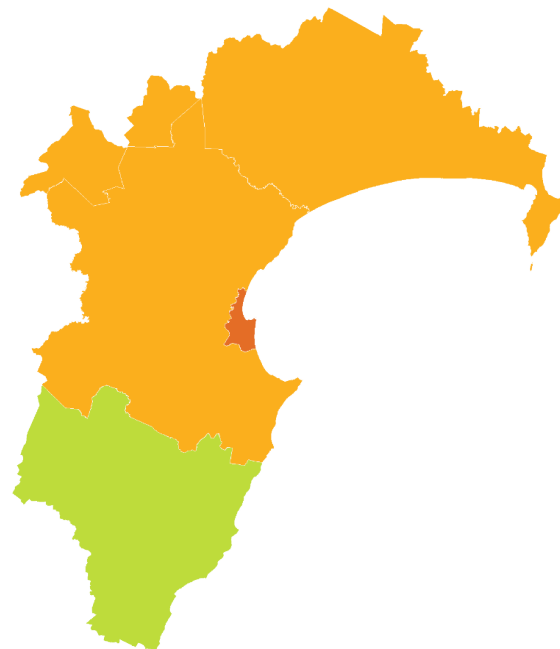
Last 10 years
2011–21



LITTLE OR NO CHANGE
REGIONALLY



SHALLOW DECLINE
NATIONALLY



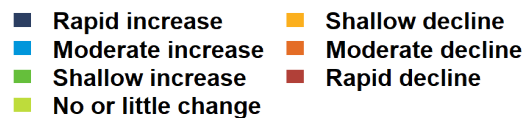
Last 5 years
2016–21



SHALLOW DECLINE
REGIONALLY



SHALLOW DECLINE
NATIONALLY





2022

25 June to 3 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.
State of NZ Garden Birds 2021 | Te Āhua o ngā Manu o te Kāri i Aotearoa.
Manaaki Whenua – Landcare Research, Lincoln. ISSN 2744-5267.



**Manaaki
Whenua**
Landcare
Research