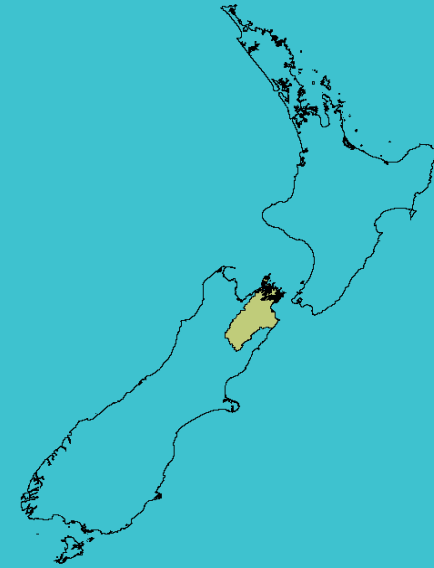




New Zealand
**GARDEN
BIRD
SURVEY**



Summary report

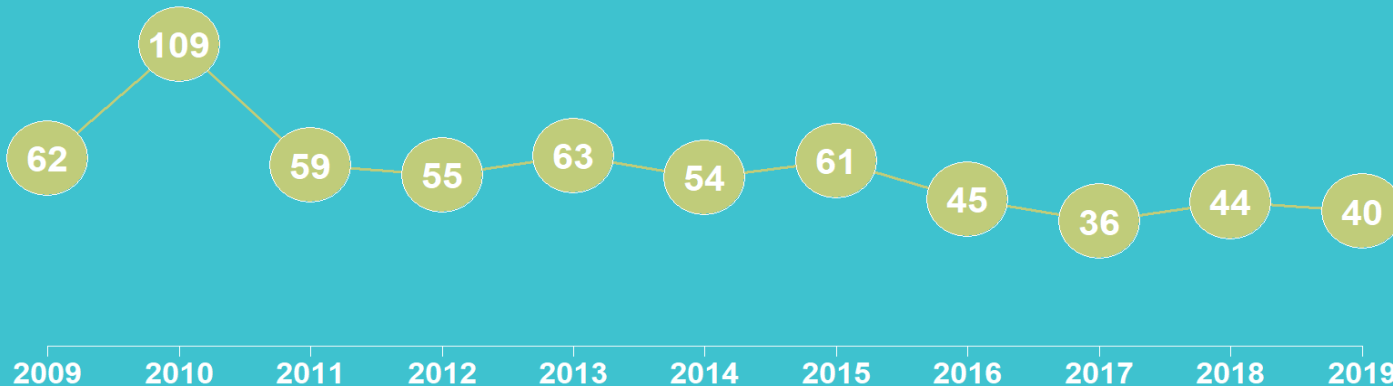
MARLBOROUGH REGION

2019

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, 35,786 garden surveys have been completed nationwide since 2009. 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.

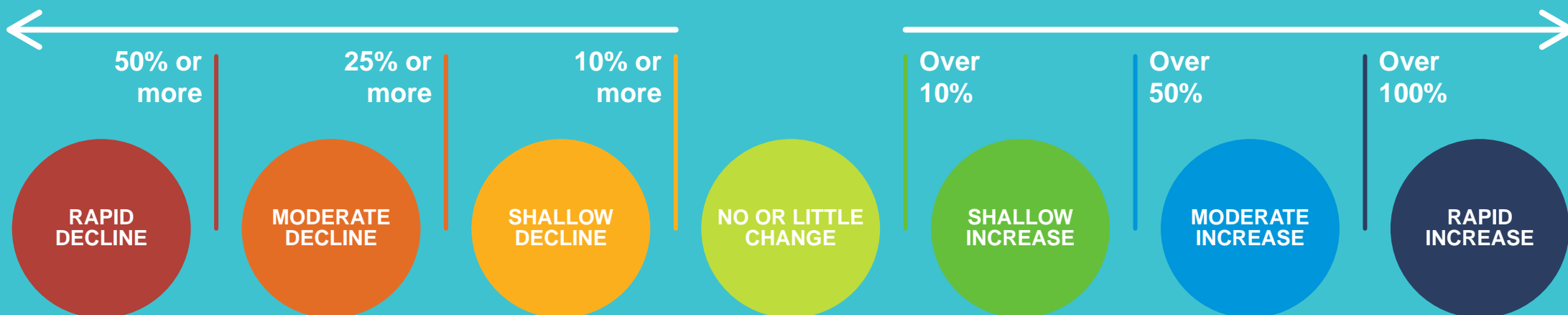
We then classify these changes according to their direction and size (see diagram below) to help us identify changes of potential concern or interest.

**How have
bird counts
changed?**

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

Decline over 10 years

Increase over 10 years

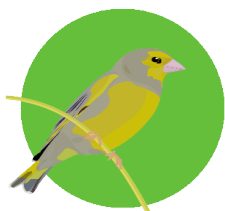


MARLBOROUGH | Greenfinch

How have garden bird counts changed in this region?



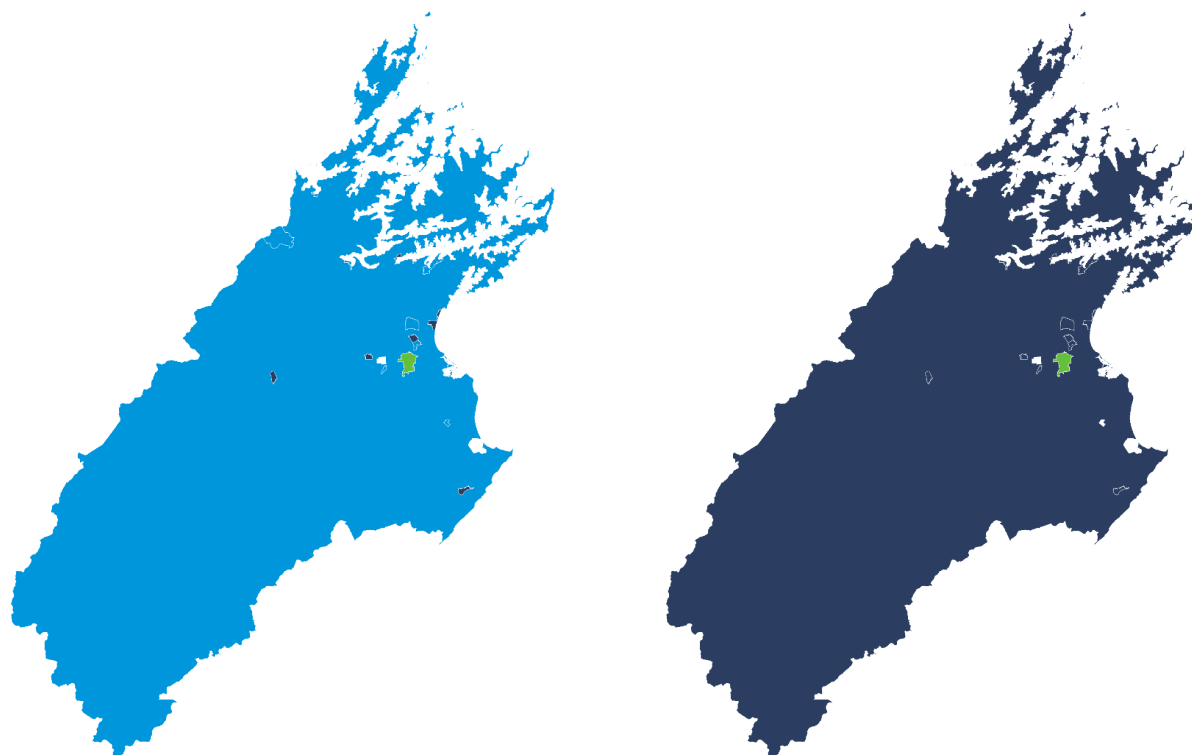
Last 10 years
2009–19



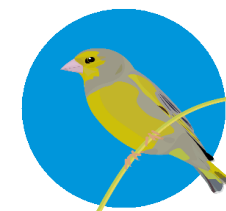
SHALLOW INCREASE
REGIONALLY



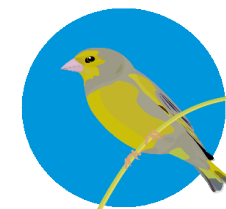
MODERATE INCREASE
NATIONALLY



Last 5 years
2014–19



MODERATE INCREASE
REGIONALLY



MODERATE INCREASE
NATIONALLY



MARLBOROUGH | Fantail | Pīwaiwaka

How have garden bird counts changed in this region?



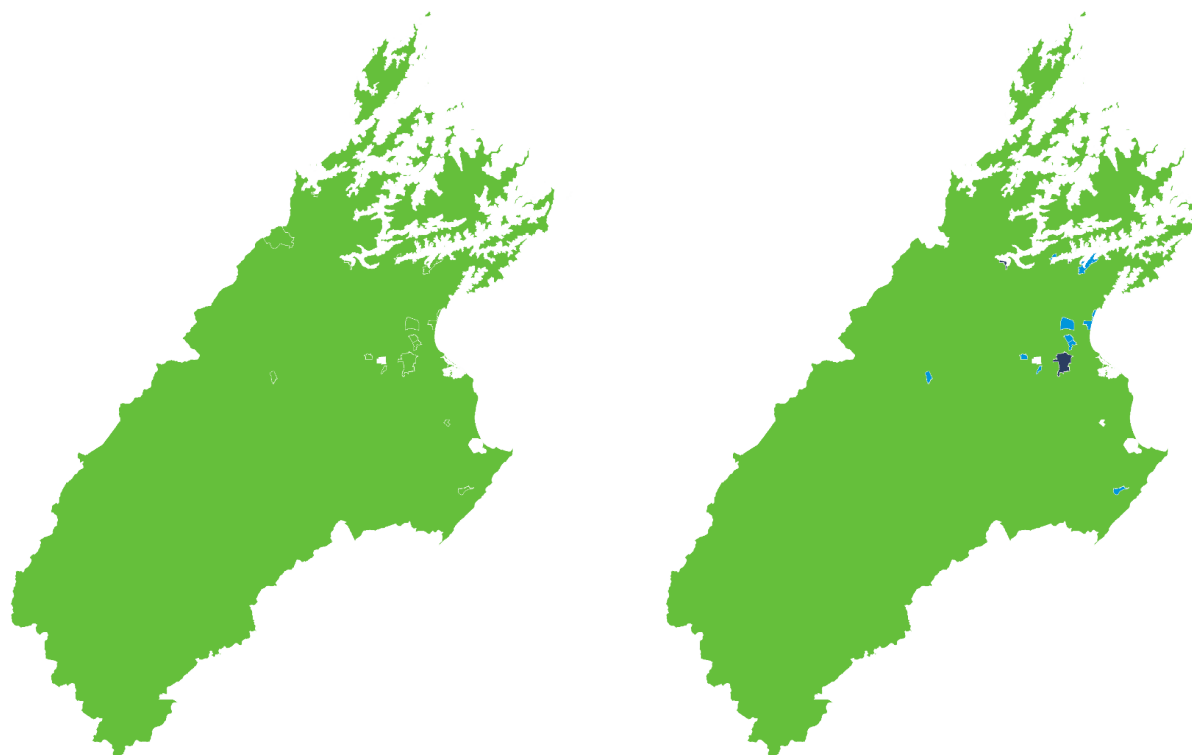
Last 10 years
2009–19



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



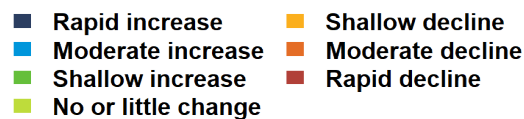
Last 5 years
2014–19



MODERATE INCREASE
REGIONALLY



MODERATE INCREASE
NATIONALLY



MARLBOROUGH | Tūī | Kōkō

How have garden bird counts changed in this region?



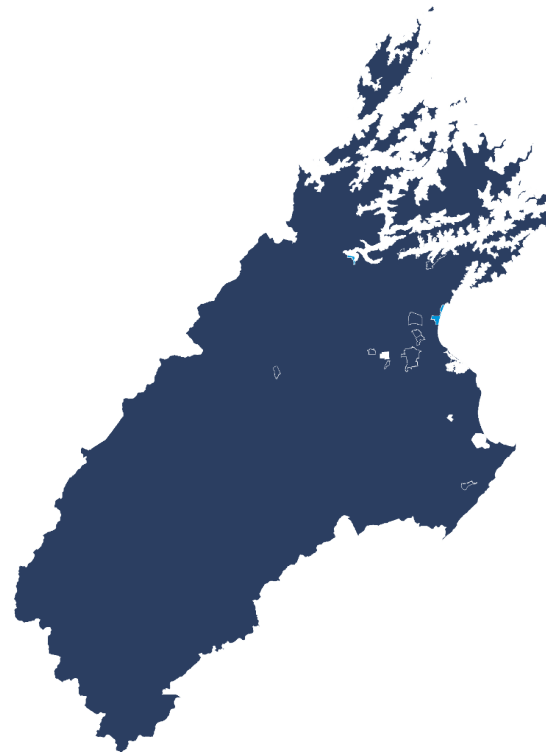
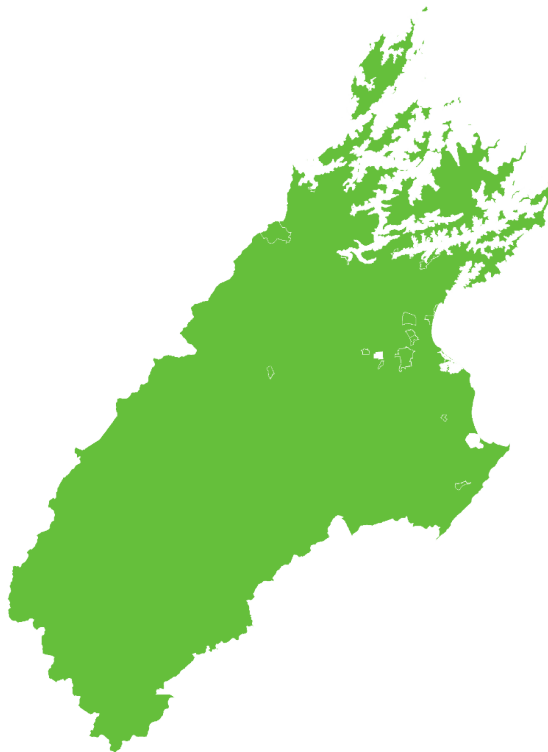
Last 10 years
2009–19



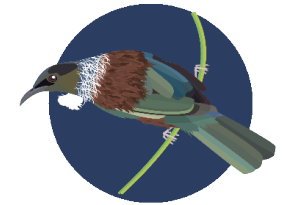
SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



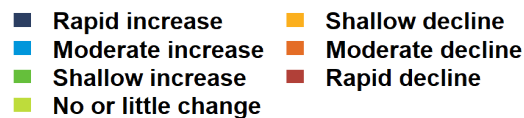
Last 5 years
2014–19



RAPID INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY

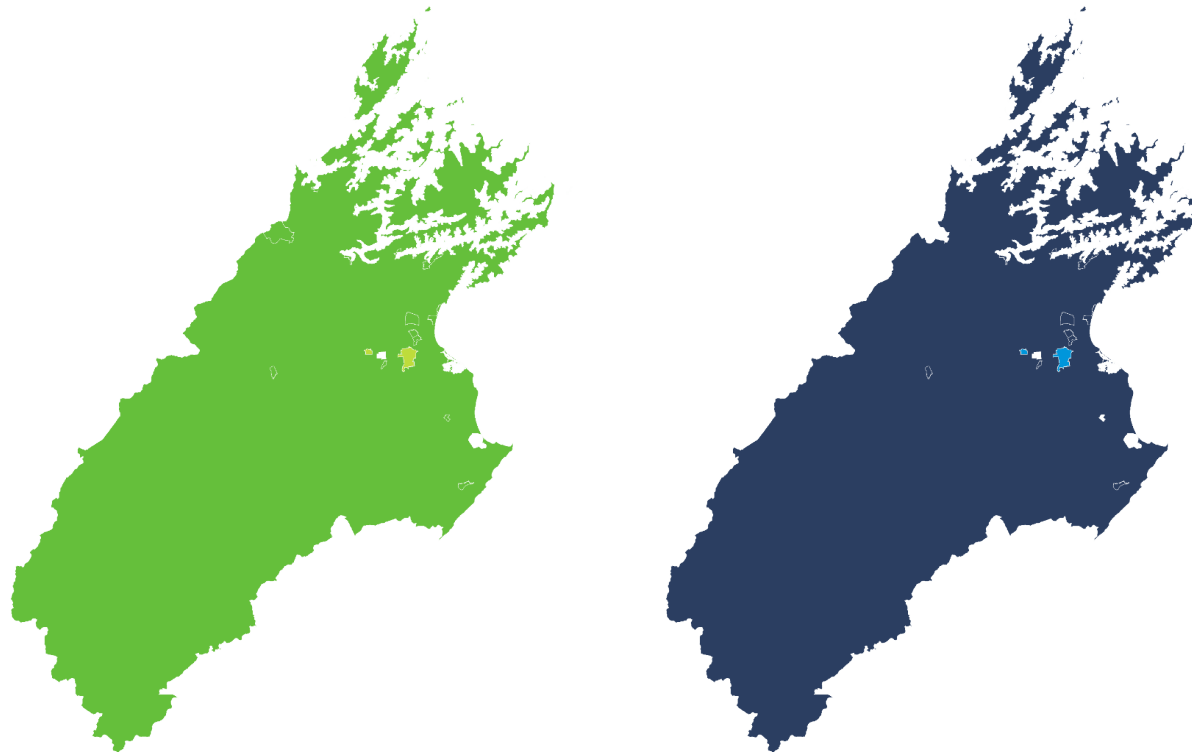


MARLBOROUGH | Kererū | Kererū

How have garden bird counts changed in this region?










Last 10 years
2009–19



Last 5 years
2014–19



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

MARLBOROUGH | Bellbird | Korimako

How have garden bird counts changed in this region?



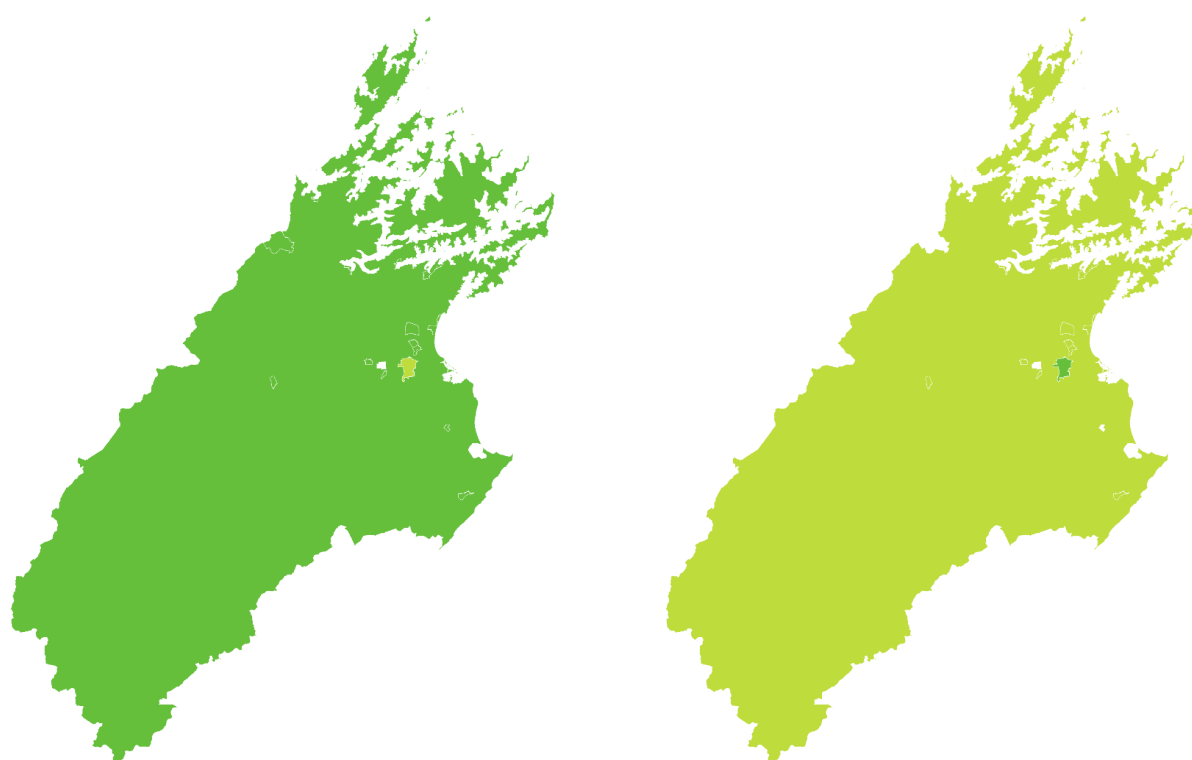
Last 10 years
2009–19



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



Last 5 years
2014–19



LITTLE OR NO CHANGE
REGIONALLY



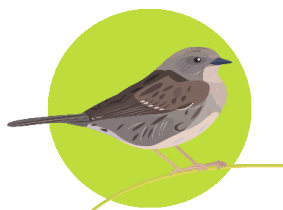
SHALLOW INCREASE
NATIONALLY

MARLBOROUGH | Dunnock

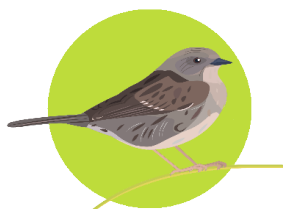
How have garden bird counts changed in this region?



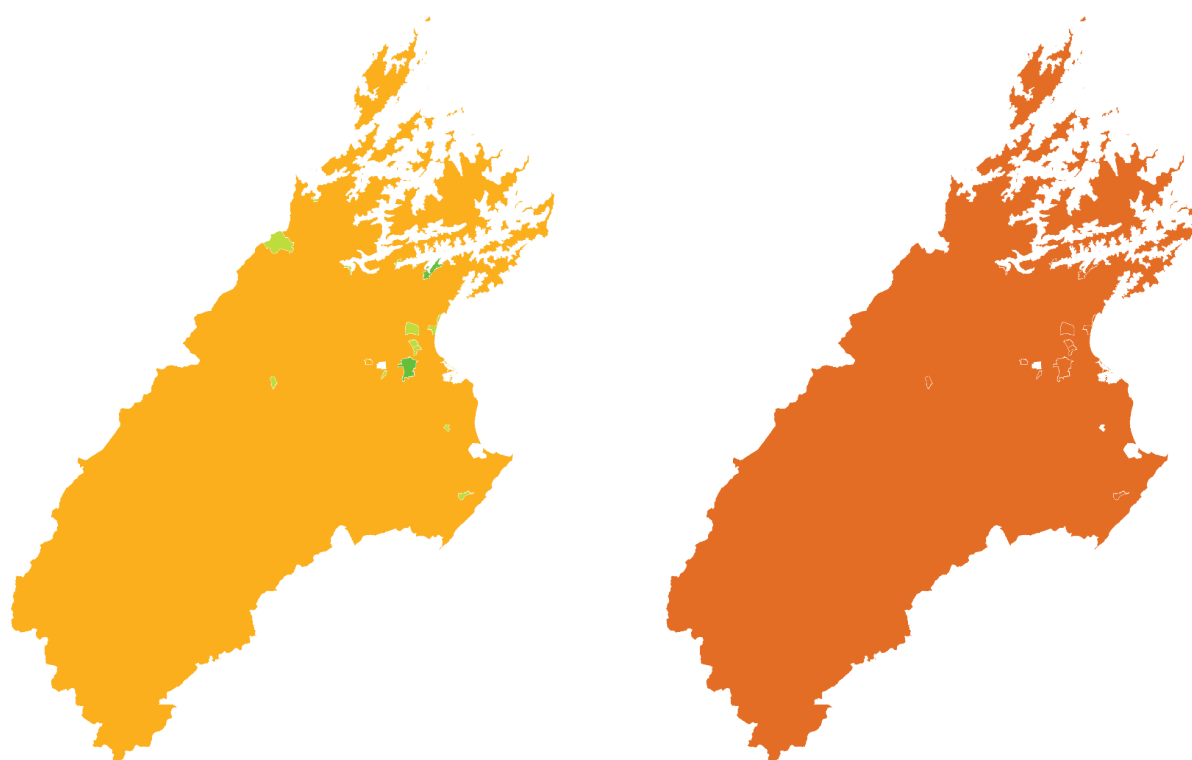
Last 10 years
2009–19



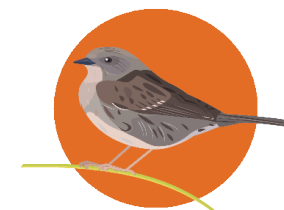
LITTLE OR NO CHANGE
REGIONALLY



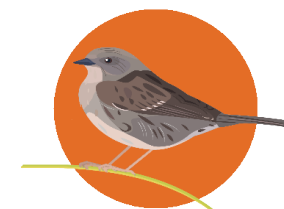
LITTLE OR NO CHANGE
NATIONALLY



Last 5 years
2014–19



MODERATE DECLINE
REGIONALLY



MODERATE DECLINE
NATIONALLY



MARLBOROUGH | Blackbird | Manu pango

How have garden bird counts changed in this region?



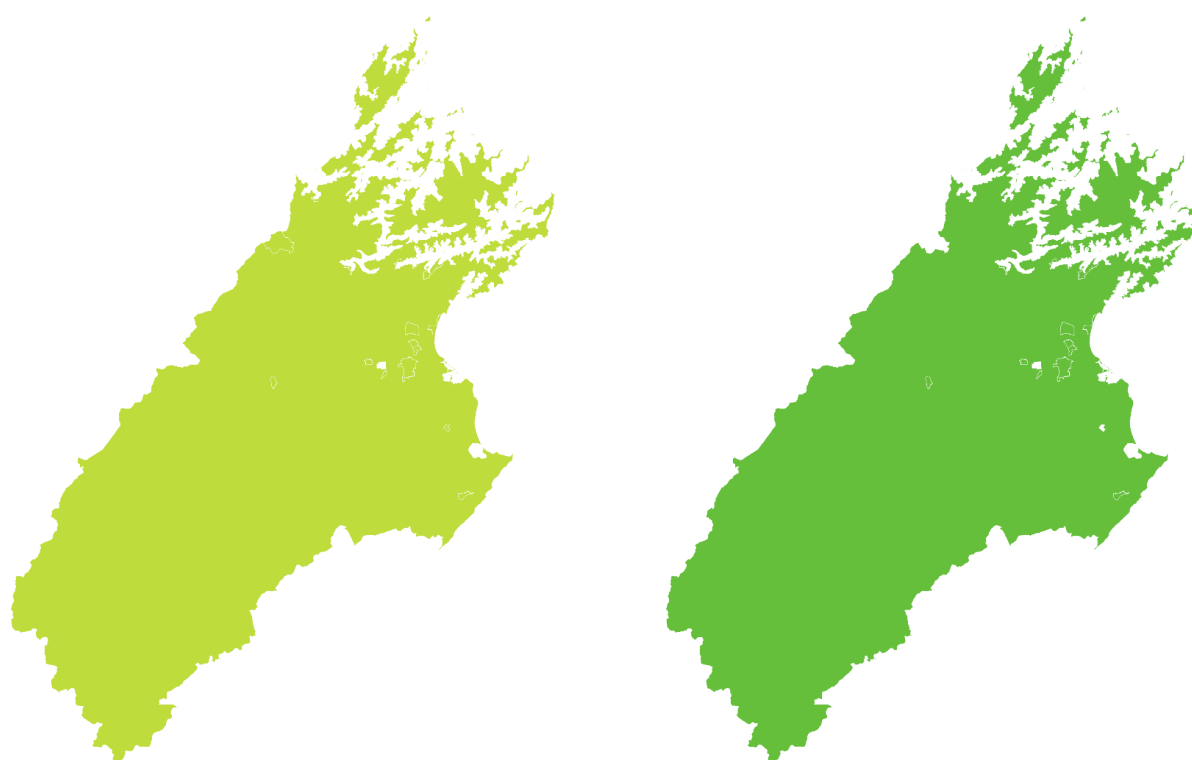
Last 10 years
2009–19



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



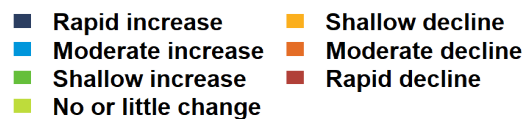
Last 5 years
2014–19



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



MARLBOROUGH | Chaffinch | Pahirini

How have garden bird counts changed in this region?



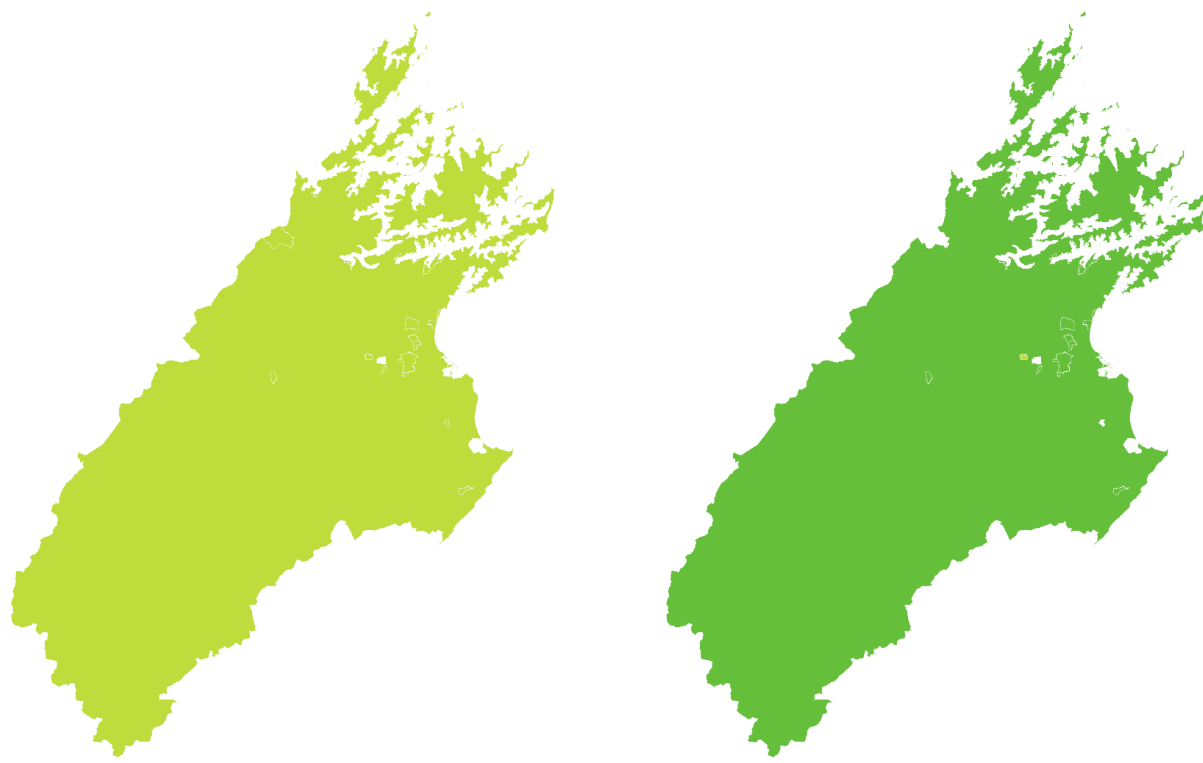
Last 10 years
2009–19



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY










Last 5 years
2014–19



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY

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

MARLBOROUGH | House sparrow | Tiu

How have garden bird counts changed in this region?



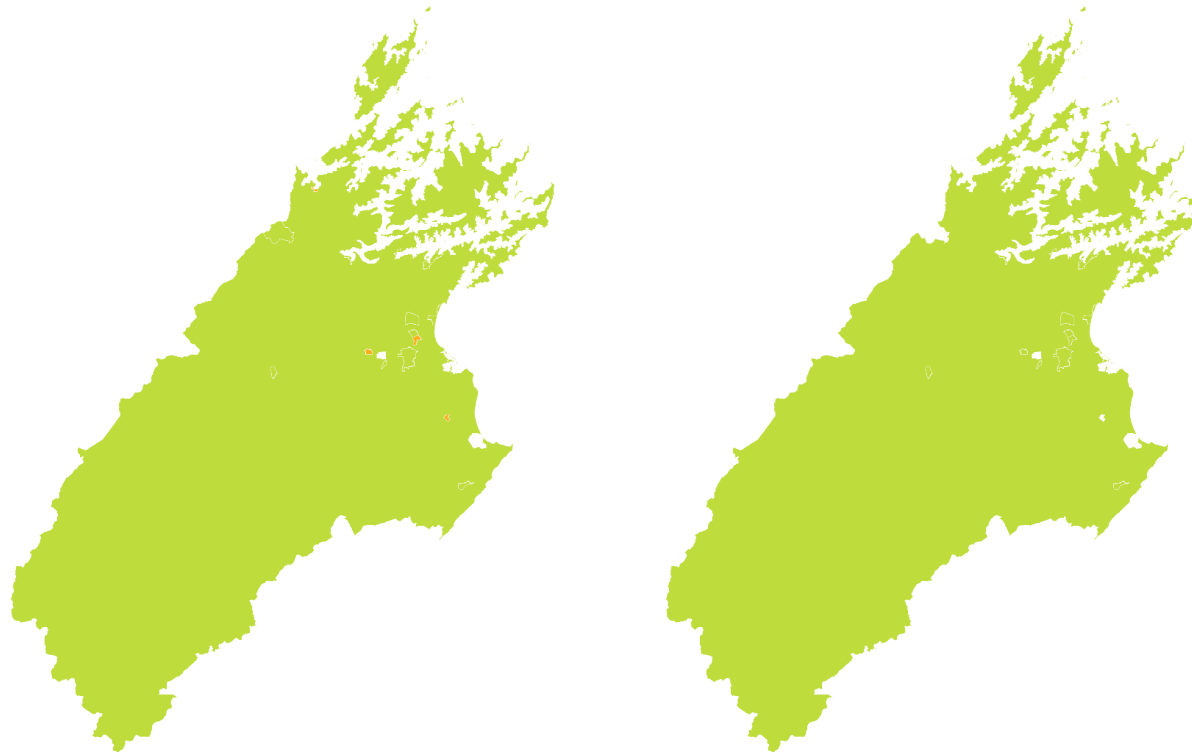
Last 10 years
2009–19



LITTLE OR NO CHANGE
REGIONALLY



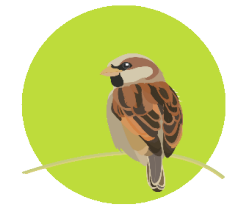
LITTLE OR NO CHANGE
NATIONALLY



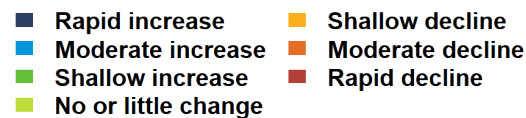
Last 5 years
2014–19



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

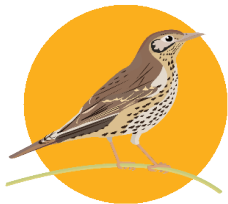


MARLBOROUGH | Song thrush

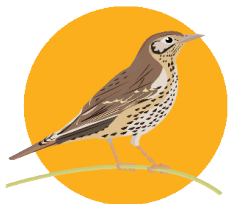
How have garden bird counts changed in this region?



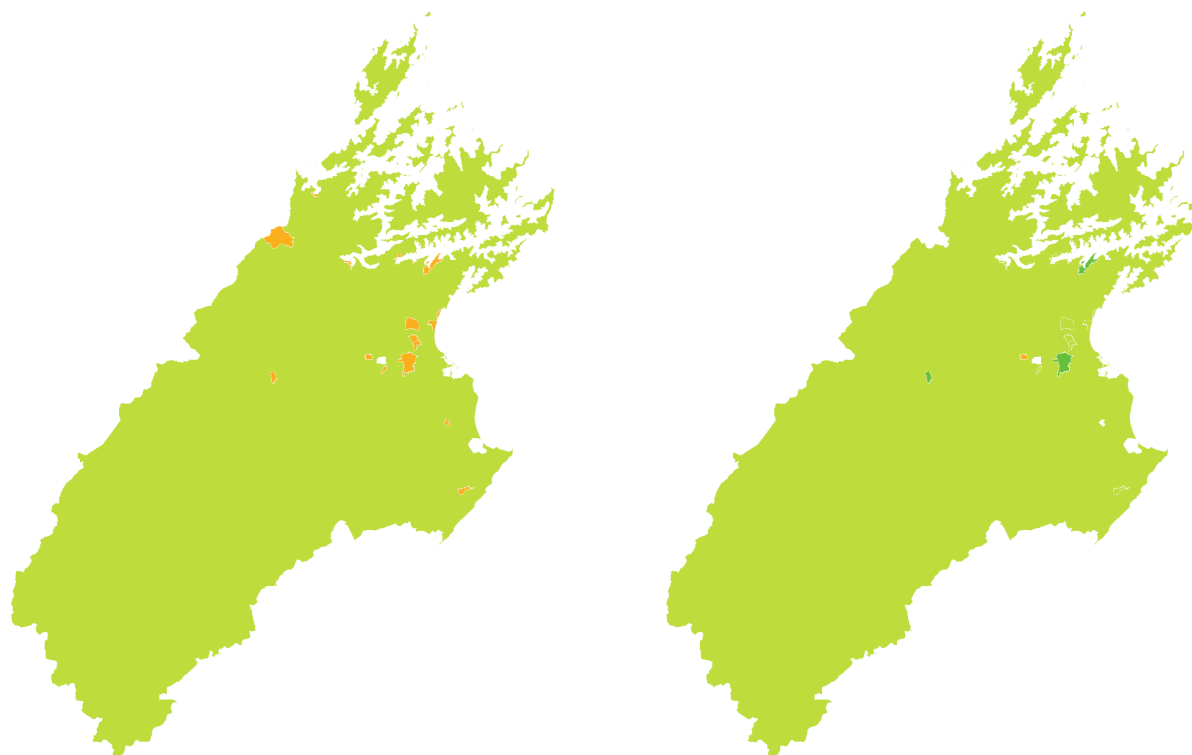
Last 10 years
2009–19



SHALLOW DECLINE
REGIONALLY



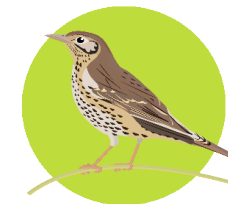
SHALLOW DECLINE
NATIONALLY



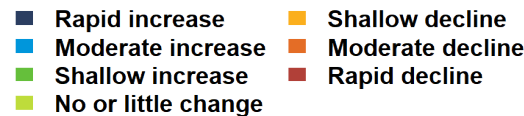
Last 5 years
2014–19



SHALLOW INCREASE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



MARLBOROUGH | Starling | Tāringi

How have garden bird counts changed in this region?



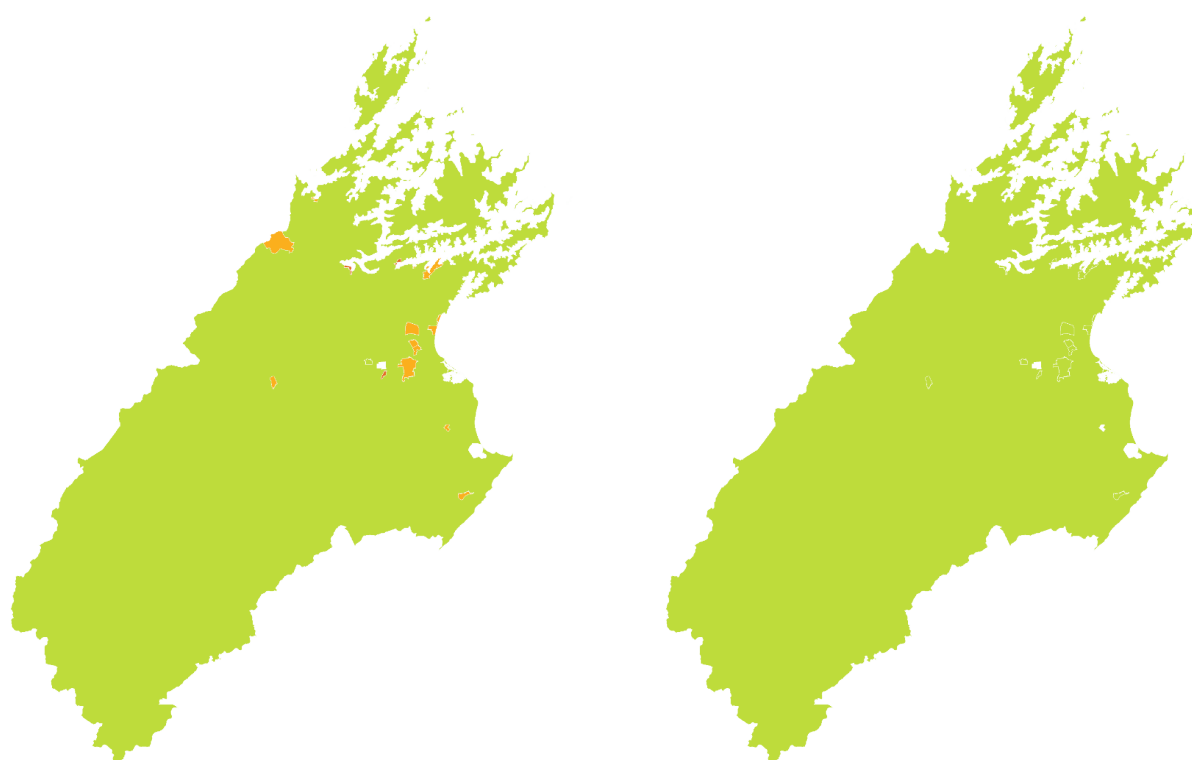
Last 10 years
2009–19



SHALLOW DECLINE
REGIONALLY



MODERATE DECLINE
NATIONALLY



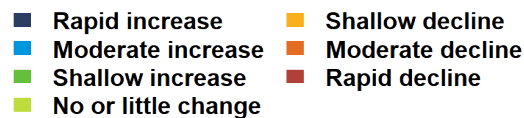
Last 5 years
2014–19



LITTLE OR NO CHANGE
REGIONALLY



SHALLOW DECLINE
NATIONALLY

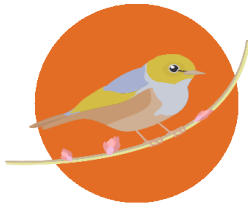


MARLBOROUGH | Silvereye | Tauhou

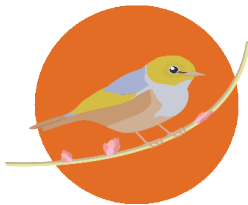
How have garden bird counts changed in this region?



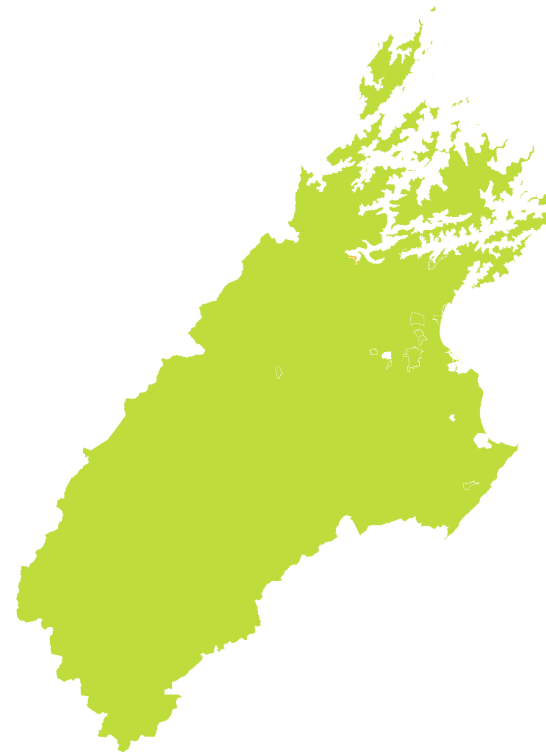
Last 10 years
2009–19



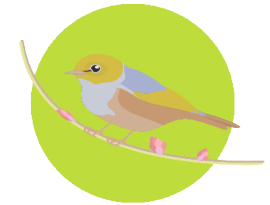
**MODERATE DECLINE
REGIONALLY**



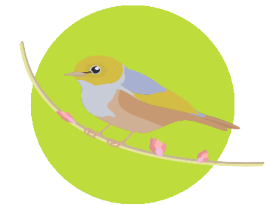
**MODERATE DECLINE
NATIONALLY**



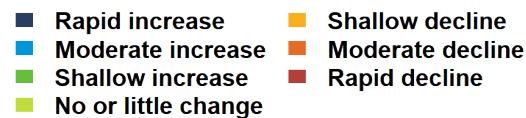
Last 5 years
2014–19



**LITTLE OR NO CHANGE
REGIONALLY**



**LITTLE OR NO CHANGE
NATIONALLY**



MARLBOROUGH | Goldfinch

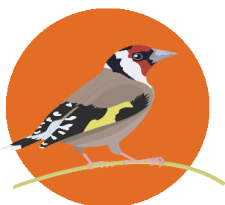
How have garden bird counts changed in this region?



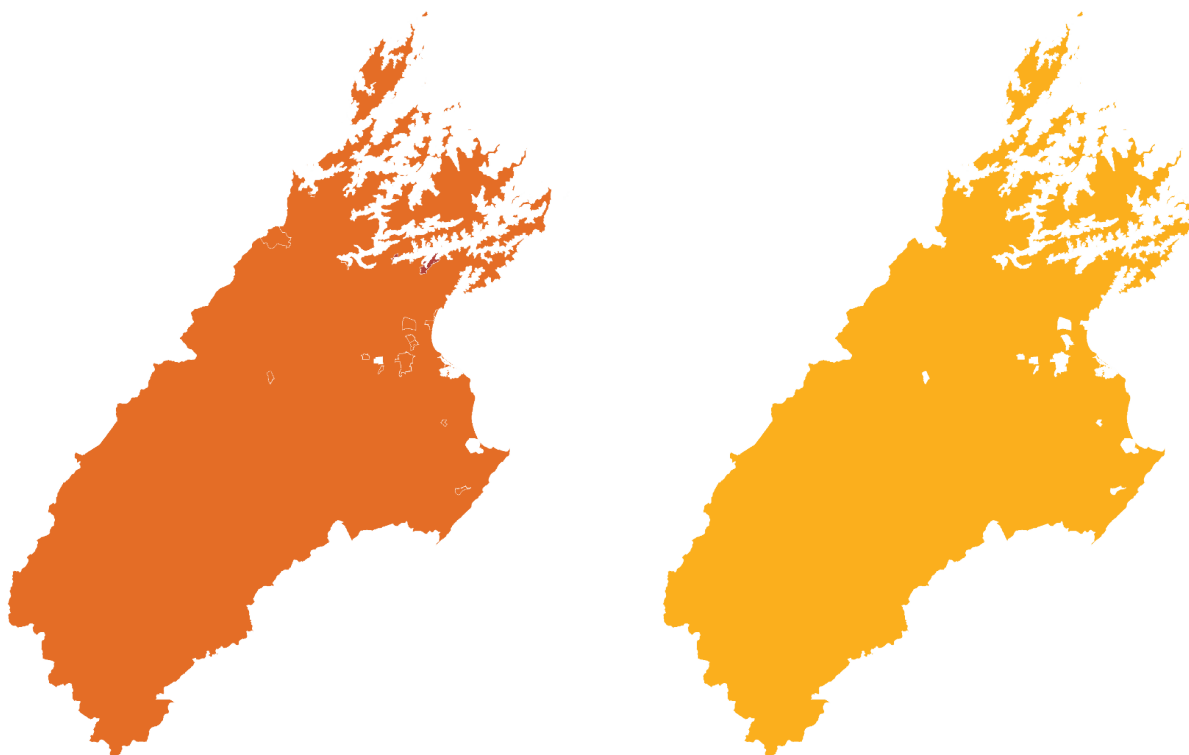
Last 10 years
2009–19



**MODERATE DECLINE
REGIONALLY**



**MODERATE DECLINE
NATIONALLY**



Last 5 years
2014–19



**SHALLOW DECLINE
REGIONALLY**



**SHALLOW DECLINE
NATIONALLY**





New Zealand
**GARDEN
BIRD
SURVEY**

2020
27 June to 5 July

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

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