



Summary report

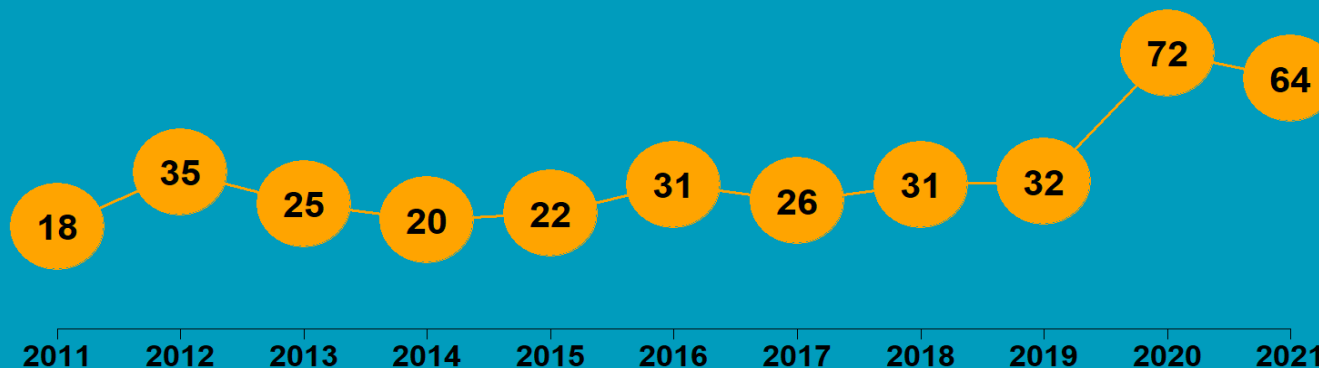
WEST COAST REGION

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

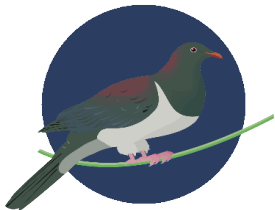


WEST COAST | Kererū | Kererū

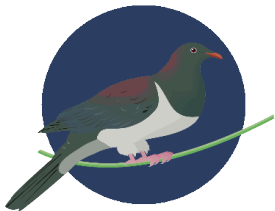
How have garden bird counts changed in this region?



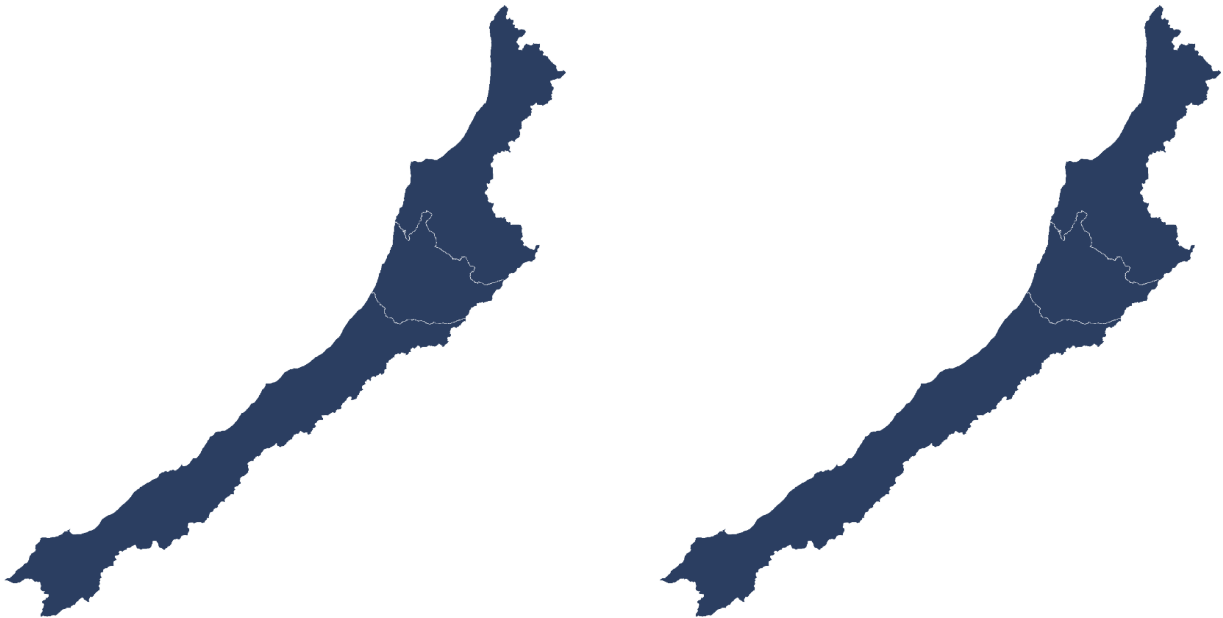
Last 10 years
2011–21



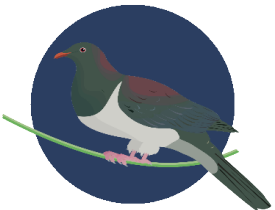
**RAPID INCREASE
REGIONALLY**



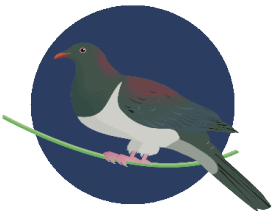
**RAPID INCREASE
NATIONALLY**



Last 5 years
2016–21



**RAPID INCREASE
REGIONALLY**



**RAPID INCREASE
NATIONALLY**

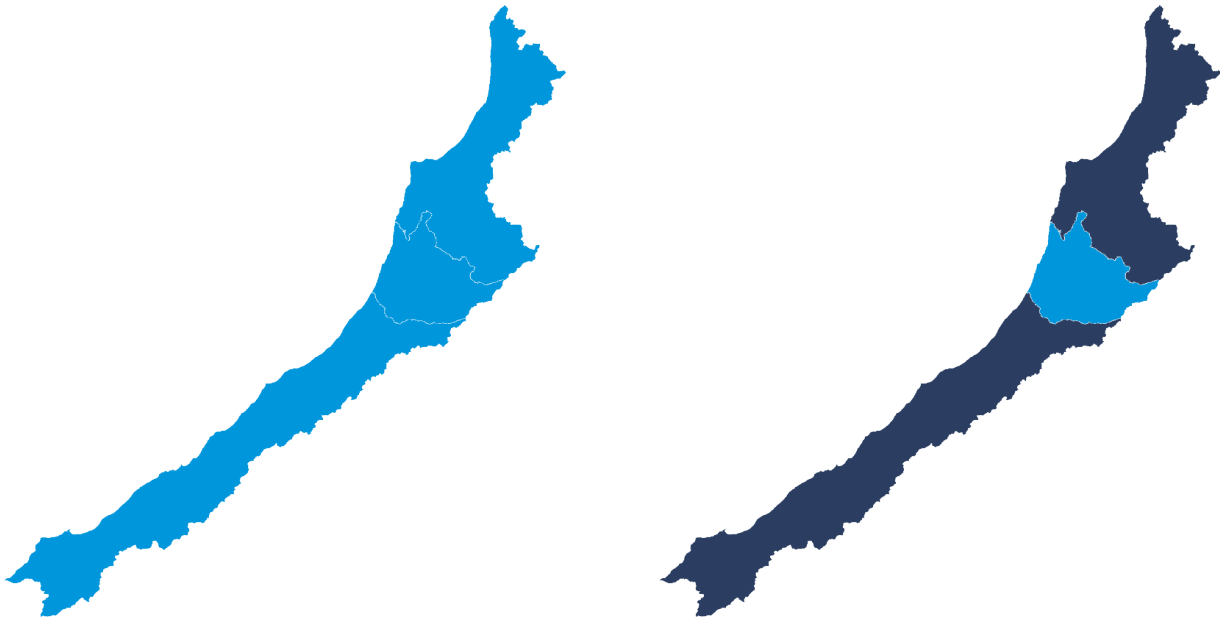
- | | |
|-----------------------|--------------------|
| ■ Rapid increase | ■ Shallow decline |
| ■ Moderate increase | ■ Moderate decline |
| ■ Shallow increase | ■ Rapid decline |
| ■ No or little change | |

WEST COAST | Greenfinch

How have garden bird counts changed in this region?



Last 10 years
2011–21



Last 5 years
2016–21



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

WEST COAST | Tūī | Kōkō

How have garden bird counts changed in this region?



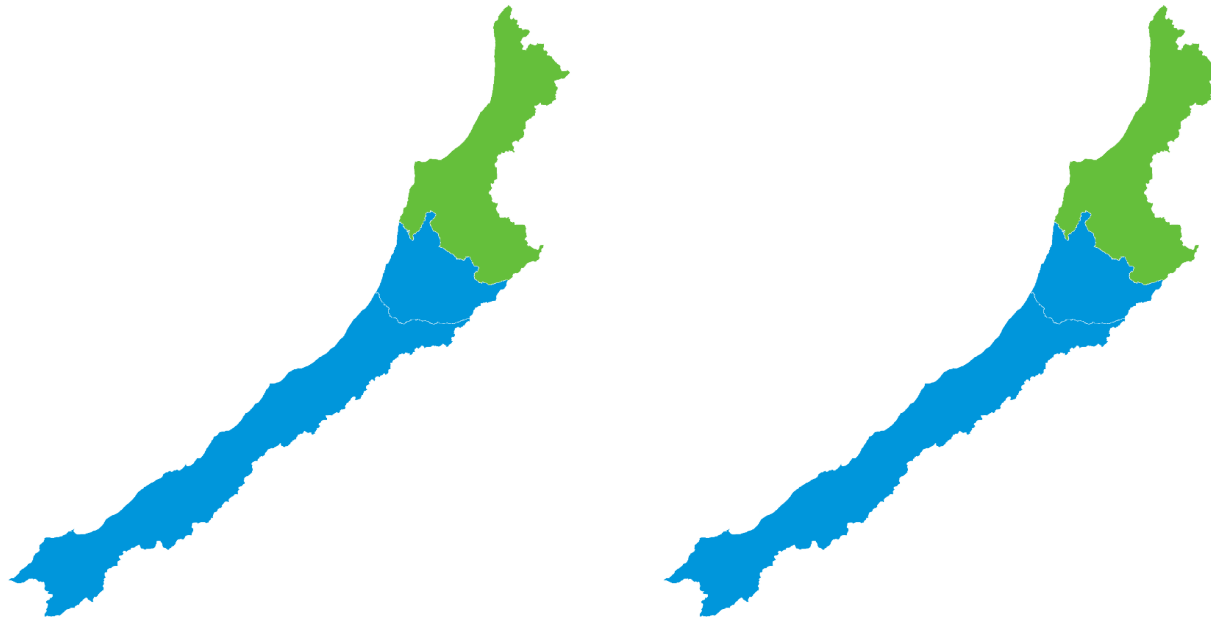
Last 10 years
2011–21



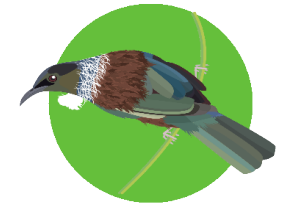
**MODERATE INCREASE
REGIONALLY**



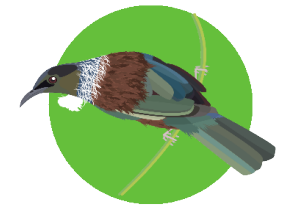
**SHALLOW INCREASE
NATIONALLY**



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 | |

WEST COAST | Goldfinch

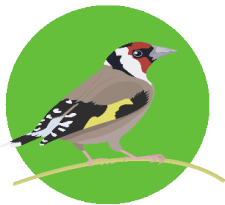
How have garden bird counts changed in this region?



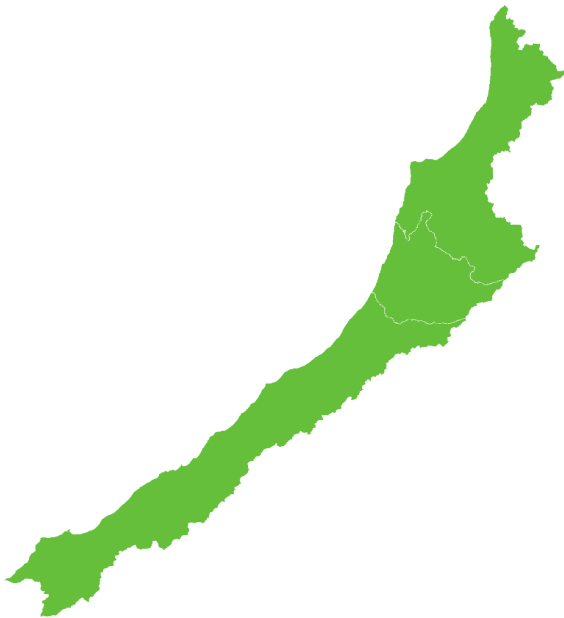
Last 10 years
2011–21



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



Last 5 years
2016–21



RAPID INCREASE
REGIONALLY



RAPID INCREASE
NATIONALLY



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

WEST COAST | Fantail | Pīwakawaka

How have garden bird counts changed in this region?



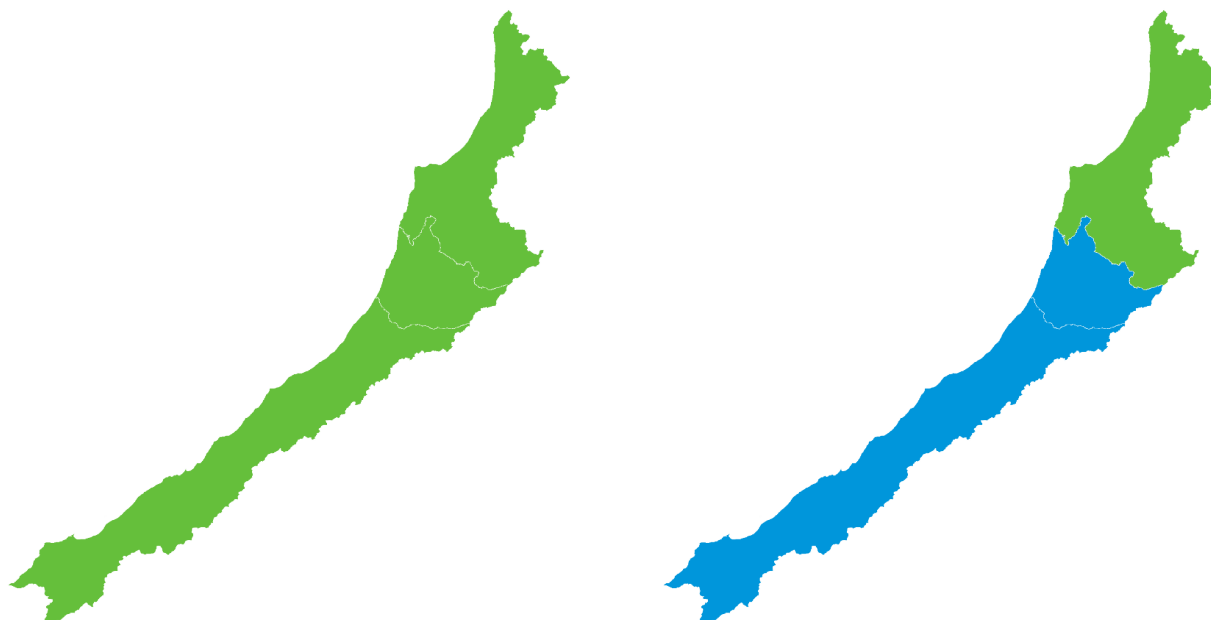
Last 10 years
2011–21



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



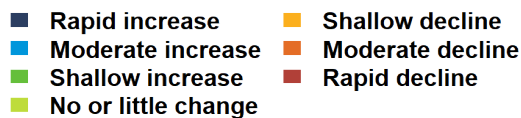
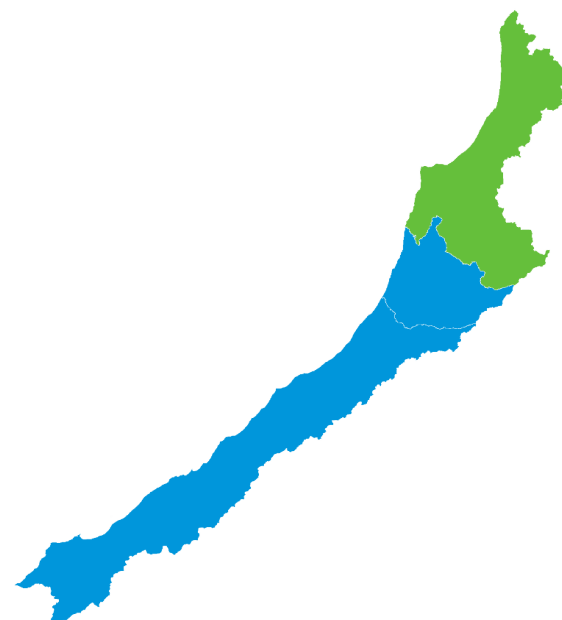
Last 5 years
2016–21



SHALLOW INCREASE
REGIONALLY



MODERATE INCREASE
NATIONALLY



WEST COAST | Blackbird | Manu pango

How have garden bird counts changed in this region?

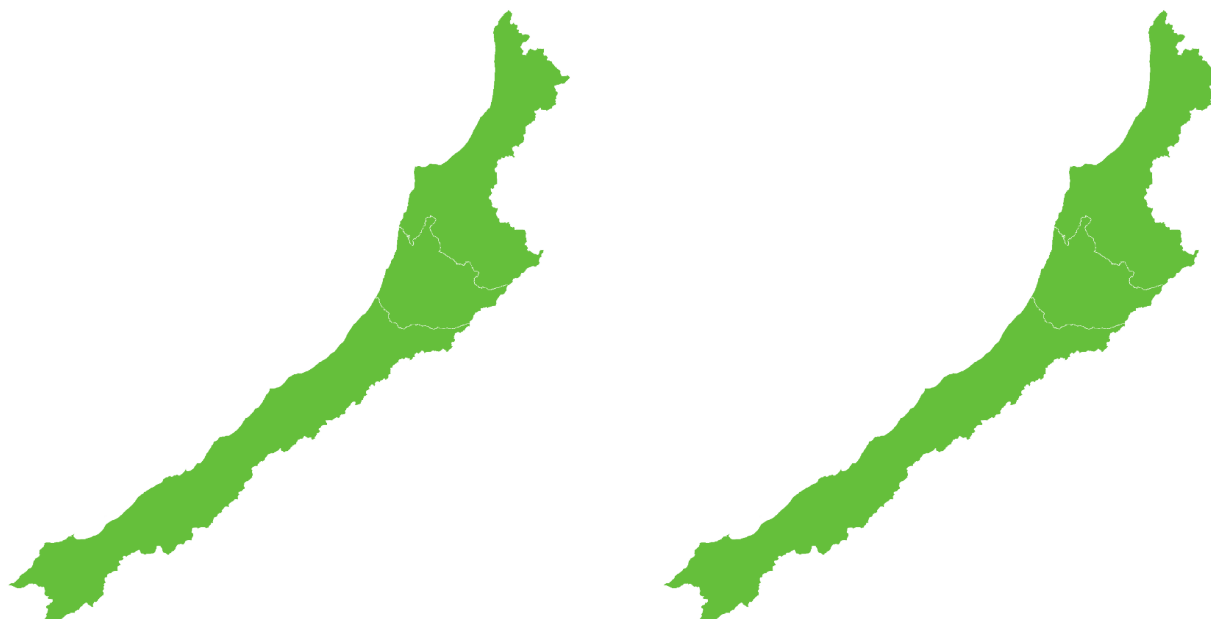
Last 10 years
2011–21



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



Last 5 years
2016–21



SHALLOW INCREASE
REGIONALLY



SHALLOW INCREASE
NATIONALLY



WEST COAST | Chaffinch | Pahirini

How have garden bird counts changed in this region?



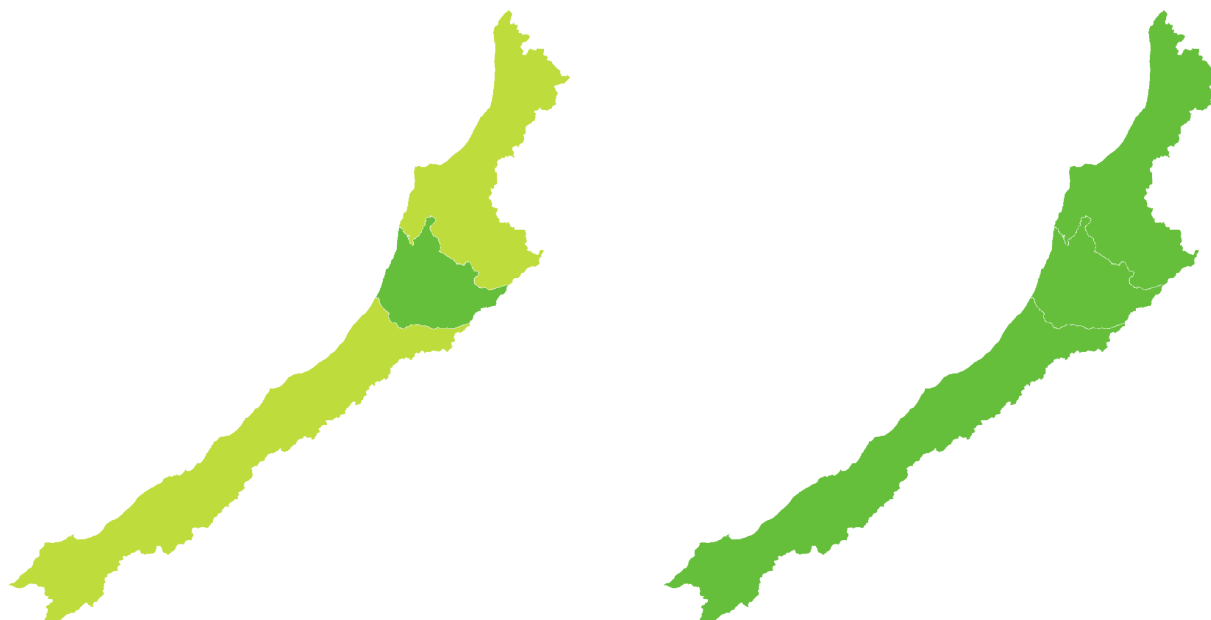
Last 10 years
2011–21



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



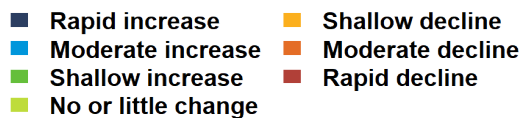
Last 5 years
2016–21



SHALLOW INCREASE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



WEST COAST | Bellbird | Korimako

How have garden bird counts changed in this region?



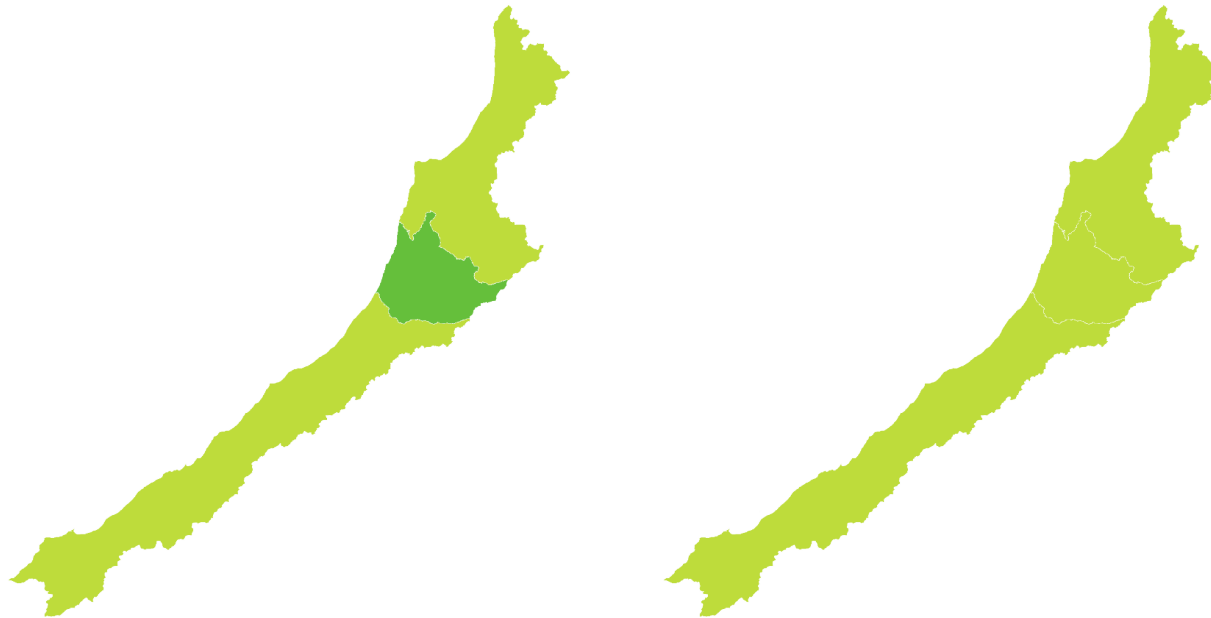
Last 10 years
2011–21



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



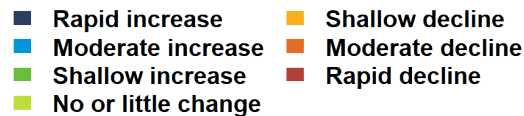
Last 5 years
2016–21



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



WEST COAST | House sparrow | Tiu

How have garden bird counts changed in this region?



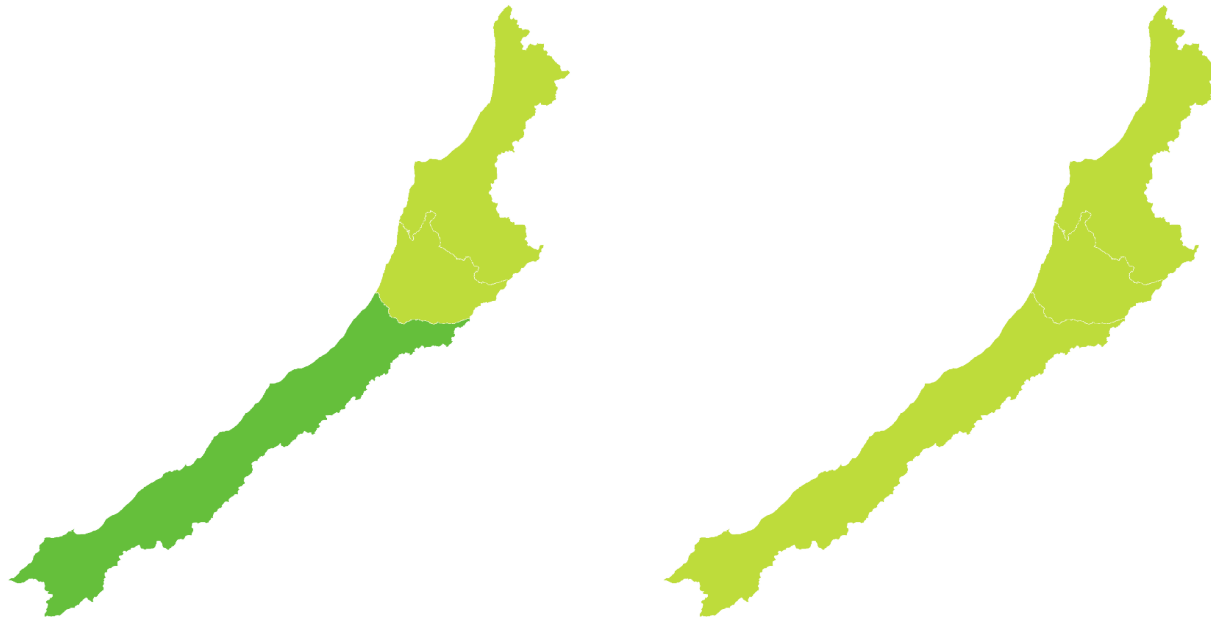
Last 10 years
2011–21



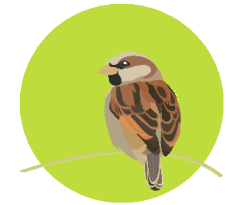
LITTLE OR NO CHANGE
REGIONALLY



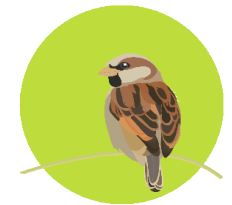
LITTLE OR NO CHANGE
NATIONALLY



Last 5 years
2016–21



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

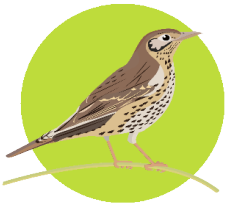


WEST COAST | Song thrush

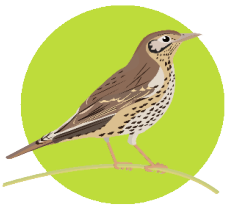
How have garden bird counts changed in this region?



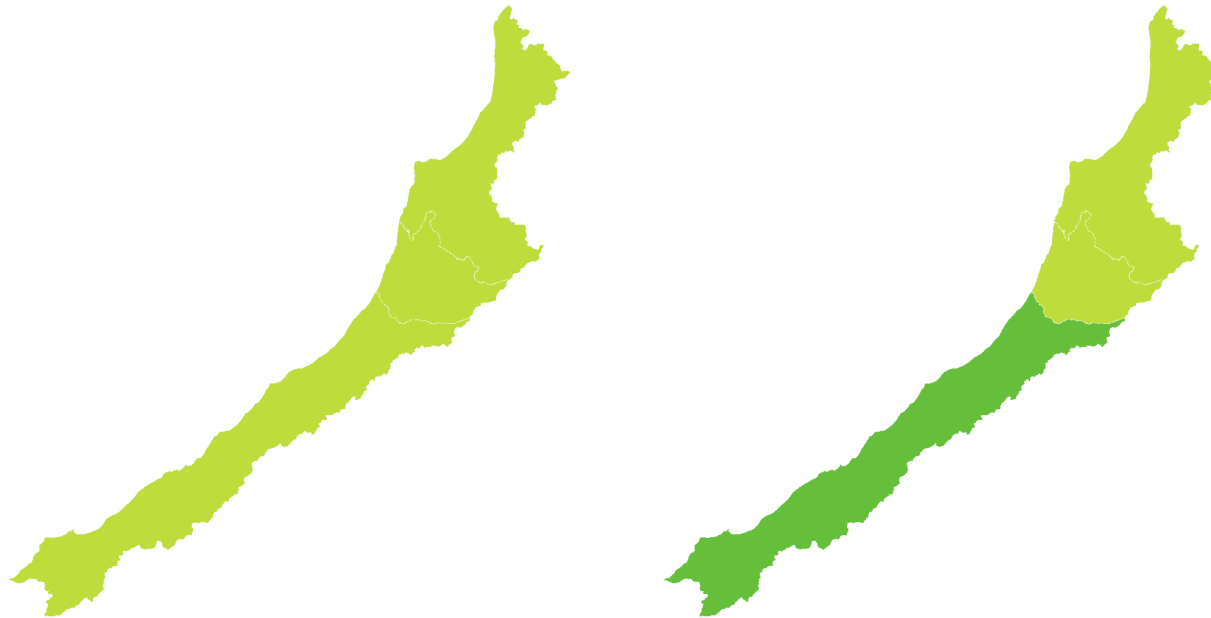
Last 10 years
2011–21



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



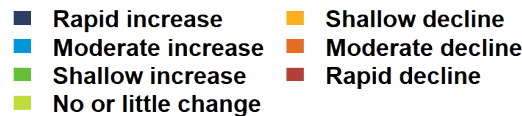
Last 5 years
2016–21



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



WEST COAST | Starling | Tāringi

How have garden bird counts changed in this region?



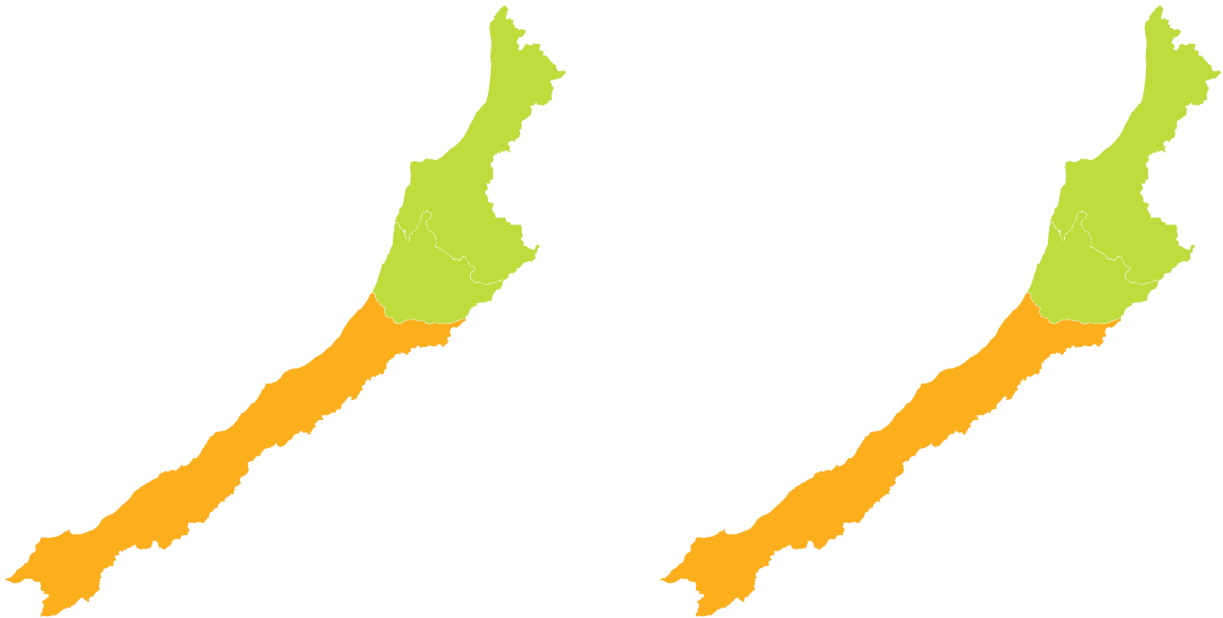
Last 10 years
2011–21



LITTLE OR NO CHANGE
REGIONALLY



SHALLOW DECLINE
NATIONALLY



Last 5 years
2016–21



LITTLE OR NO CHANGE
REGIONALLY



SHALLOW DECLINE
NATIONALLY

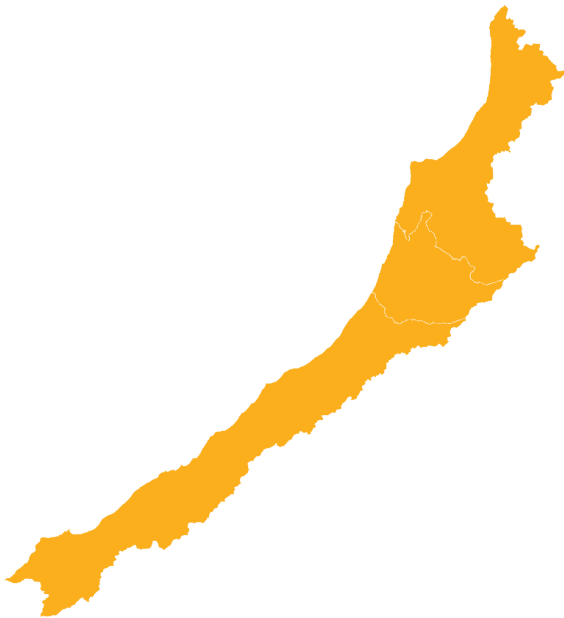
- | | |
|---|--|
|  Rapid increase |  Shallow decline |
|  Moderate increase |  Moderate decline |
|  Shallow increase |  Rapid decline |
|  No or little change | |

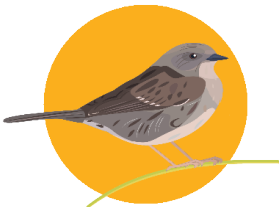
WEST COAST | Dunnock

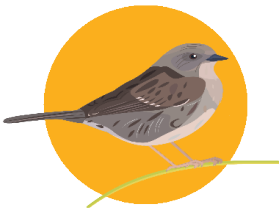
How have garden bird counts changed in this region?



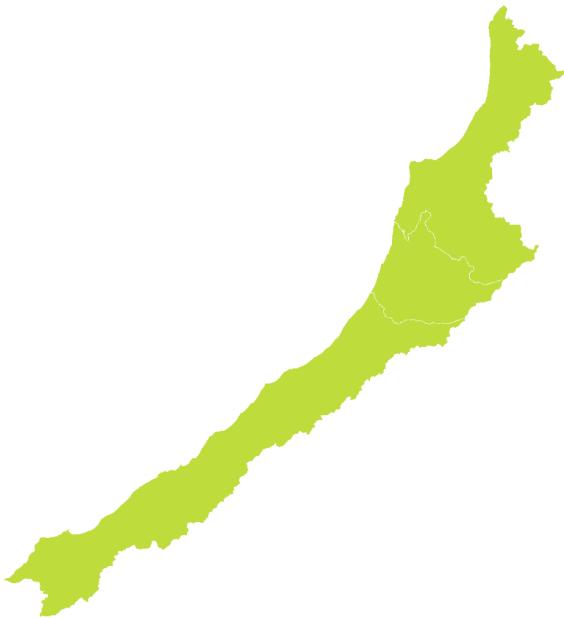
Last 10 years
2011–21

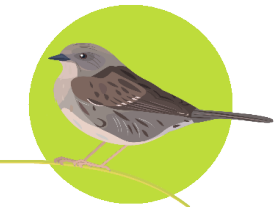


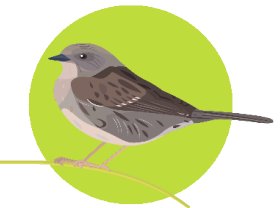

SHALLOW DECLINE
REGIONALLY


SHALLOW DECLINE
NATIONALLY

Last 5 years
2016–21




LITTLE OR NO CHANGE
REGIONALLY


LITTLE OR NO CHANGE
NATIONALLY

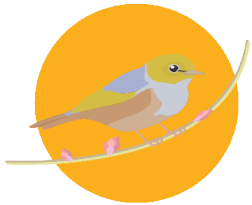
- | | |
|---|--|
|  Rapid increase |  Shallow decline |
|  Moderate increase |  Moderate decline |
|  Shallow increase |  Rapid decline |
|  No or little change | |

WEST COAST | Silvereye | Tauhou

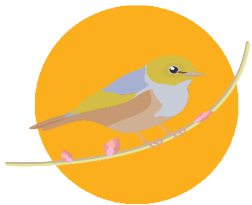
How have garden bird counts changed in this region?



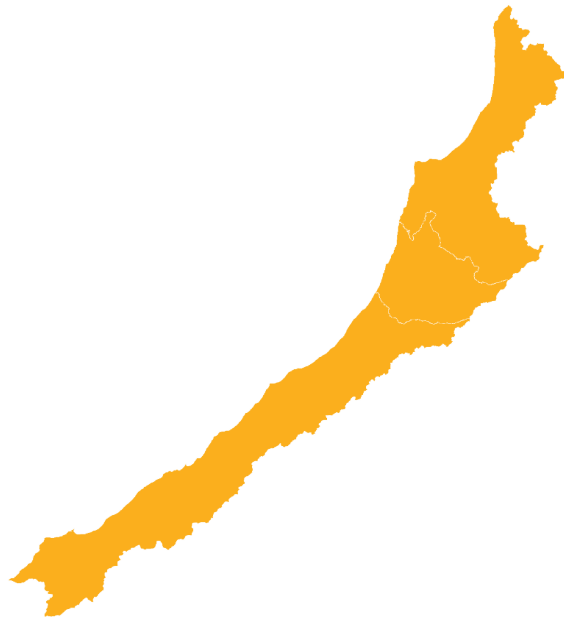
Last 10 years
2011–21



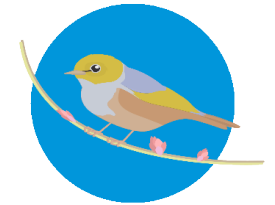
SHALLOW DECLINE
REGIONALLY



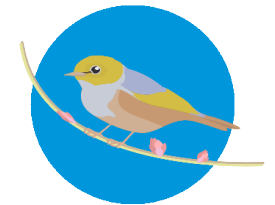
SHALLOW DECLINE
NATIONALLY



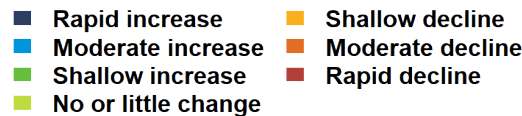
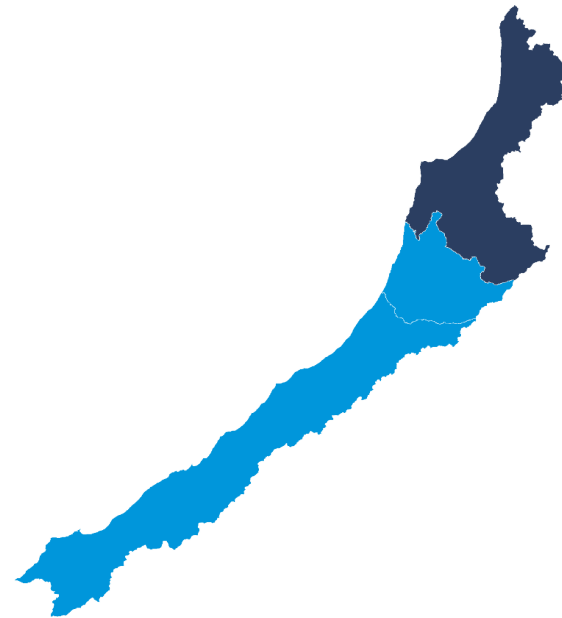
Last 5 years
2016–21



MODERATE INCREASE
REGIONALLY



MODERATE INCREASE
NATIONALLY





2022

25 June to 3 July

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

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