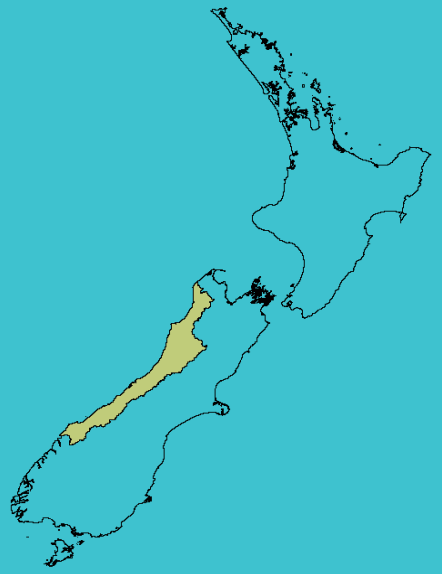
New Zealand
GARDEN
BIRD
SURVEY



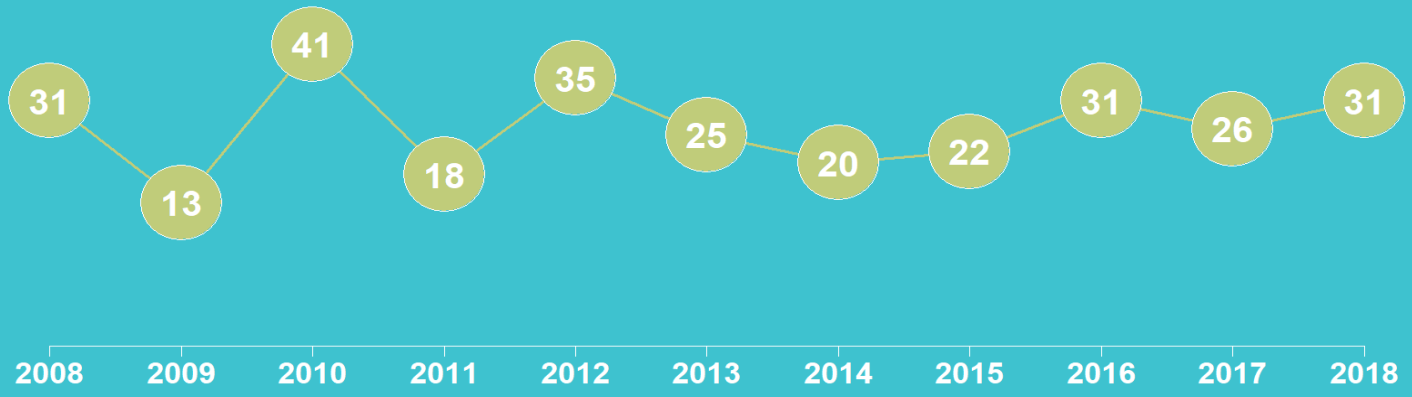
Summary report

WEST COAST REGION

2018 | State of NZ Garden Birds

Te Āhua o ngā Manu o te Kāri i Aotearoa

NUMBER OF SURVEYED GARDENS



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Landcare
Research

New Zealand GARDEN BIRD SURVEY

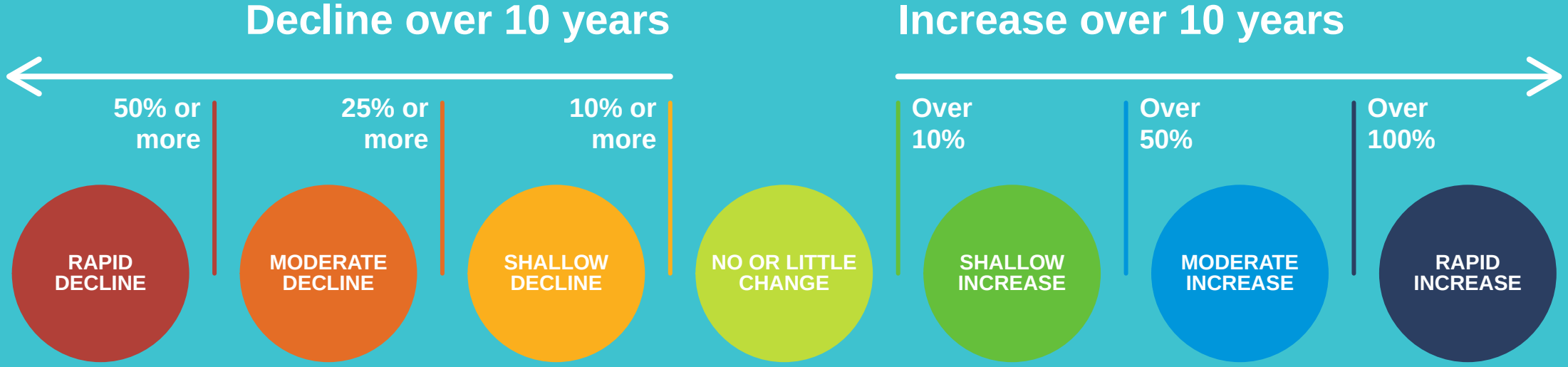
We have estimated how bird counts have changed over the last 10 and 5 year periods in different regions, districts and neighbourhoods across New Zealand for 14 common garden visitors − five native and nine introduced birds.

Thanks to all our volunteer bird counters, 34,686 garden surveys have been completed nationwide since 2008. 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 if 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



Manaaki Whenua
Landcare Research

WEST COAST | Greenfinch

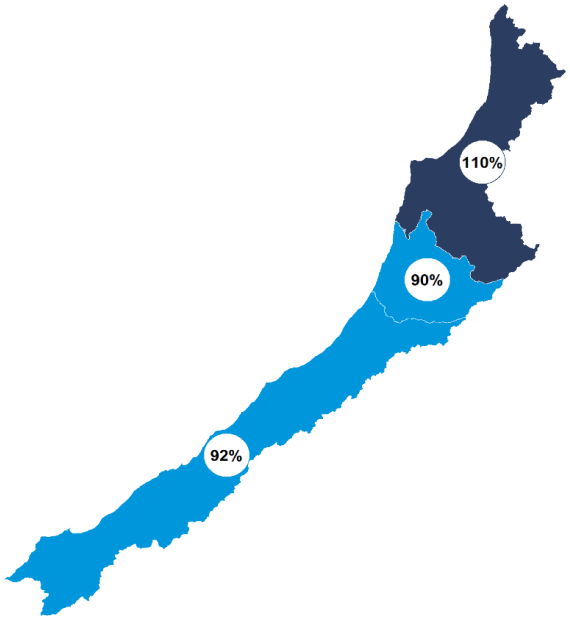
How have garden bird counts changed in this region?

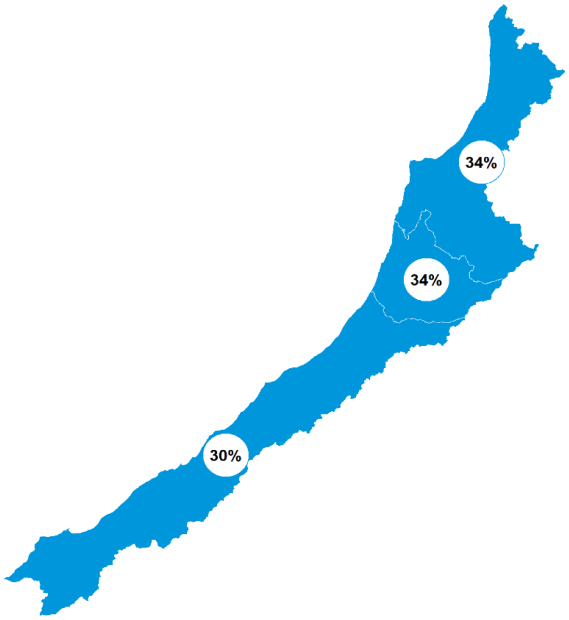
New Zealand GARDEN BIRD SURVEY

Last 10 years
2008–18

MODERATE INCREASE REGIONALLY

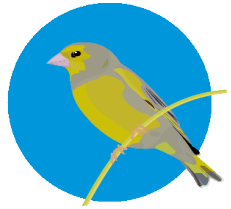
MODERATE INCREASE NATIONALLY



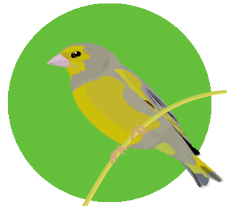


- Rapid increase
- Moderate increase
- Shallow increase
- No or little change
- Shallow decline
- Moderate decline
- Rapid decline

Last 5 years
2013–18



MODERATE INCREASE REGIONALLY



SHALLOW INCREASE NATIONALLY

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

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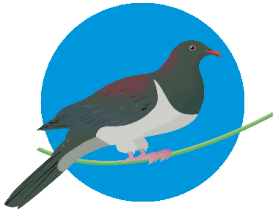
Landcare Research

WEST COAST | NZ pigeon | Kererū

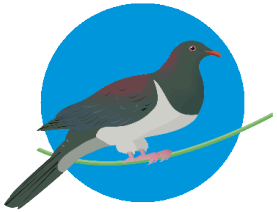
How have garden bird counts changed in this region?

New Zealand GARDEN BIRD SURVEY

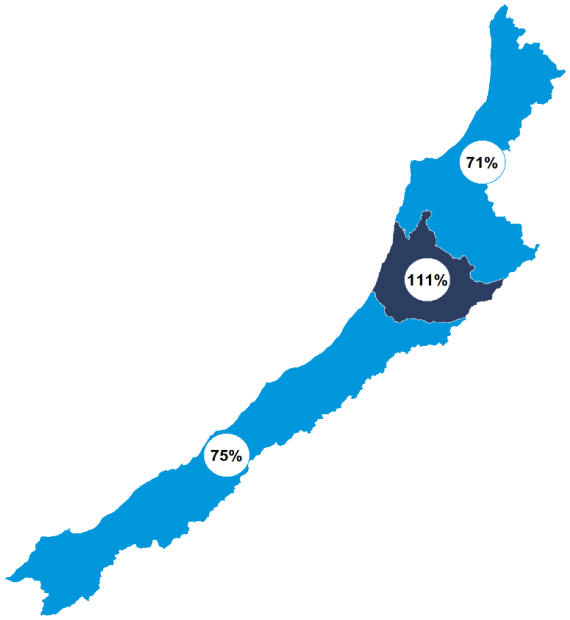
Last 10 years
2008–18

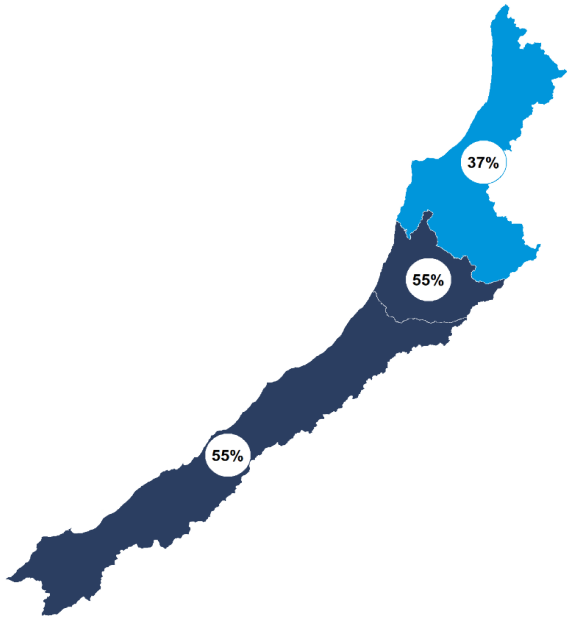


MODERATE INCREASE REGIONALLY



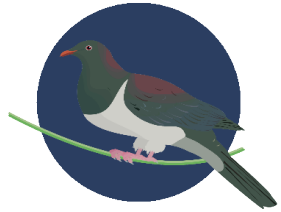
MODERATE INCREASE NATIONALLY



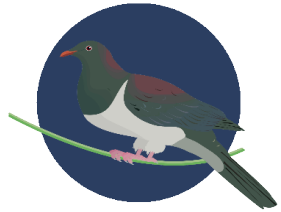


- Rapid increase
- Moderate increase
- Shallow increase
- No or little change
- Shallow decline
- Moderate decline
- Rapid decline

Last 5 years
2013–18



RAPID INCREASE REGIONALLY



RAPID INCREASE NATIONALLY

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

Manaaki Whenua
Landcare Research

WEST COAST | Tūī | Kōkō

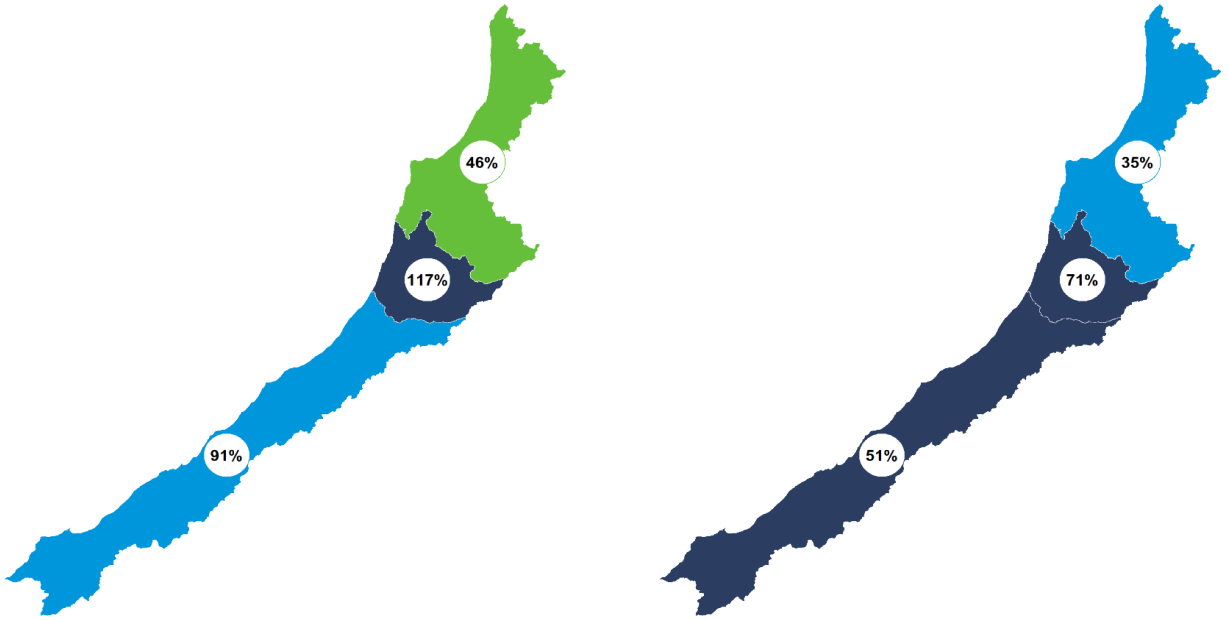
How have garden bird counts changed in this region?

New Zealand GARDEN BIRD SURVEY

Last 10 years
2008–18

MODERATE INCREASE REGIONALLY

SHALLOW INCREASE NATIONALLY



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

Last 5 years
2013–18

RAPID INCREASE REGIONALLY

MODERATE INCREASE NATIONALLY

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

Manaaki Whenua
Landcare Research

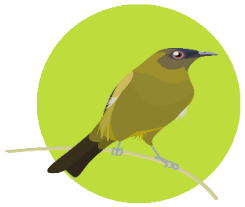
New Zealand
GARDEN
BIRD
SURVEY

WEST COAST | Bellbird | Korimako

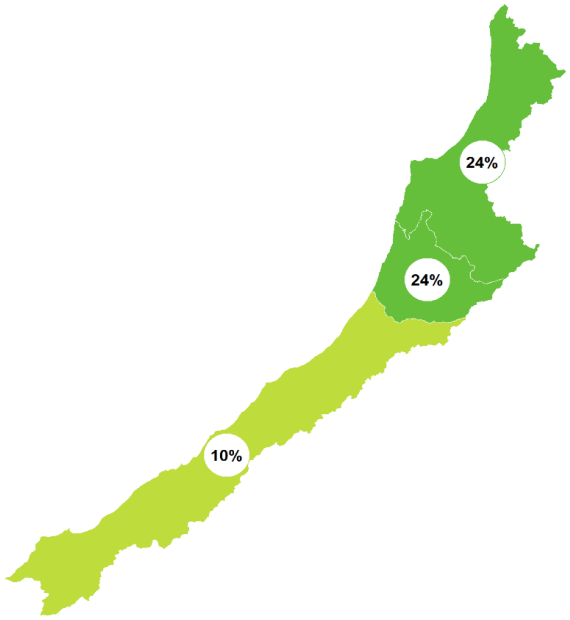
How have garden bird counts changed in this region?

Last 10 years
2008–18

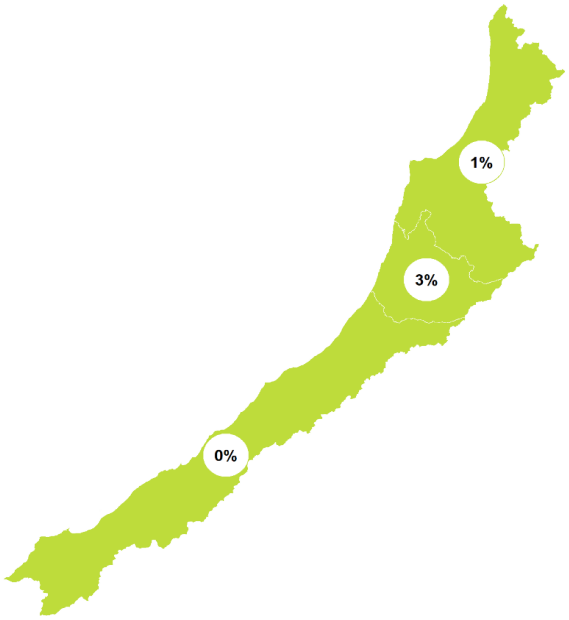
SHALLOW INCREASE REGIONALLY

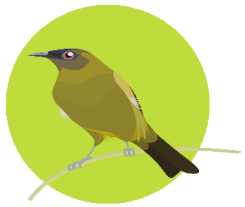


LITTLE OR NO CHANGE NATIONALLY



Last 5 years
2013–18





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

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

Manaaki Whenua
Landcare Research

WEST COAST | Fantail | Pīwaiwaka

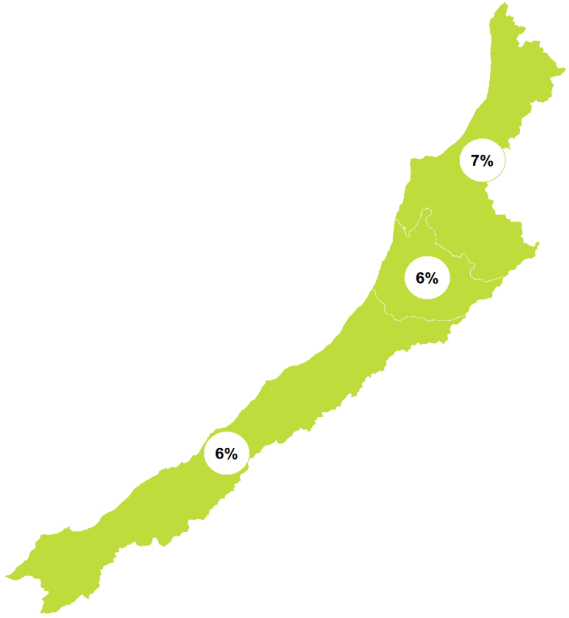
How have garden bird counts changed in this region?

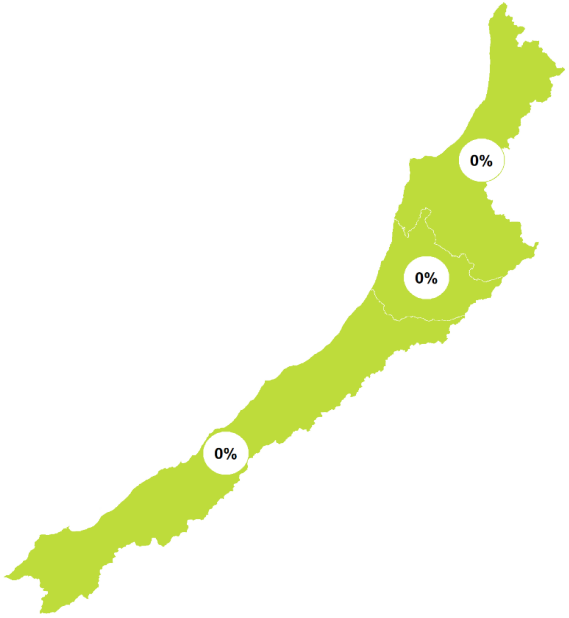
New Zealand GARDEN BIRD SURVEY

Last 10 years
2008–18

LITTLE OR NO CHANGE REGIONALLY

SHALLOW INCREASE NATIONALLY





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

Last 5 years
2013–18

LITTLE OR NO CHANGE REGIONALLY

SHALLOW INCREASE NATIONALLY

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

Manaaki Whenua
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New Zealand
GARDEN
BIRD
SURVEY

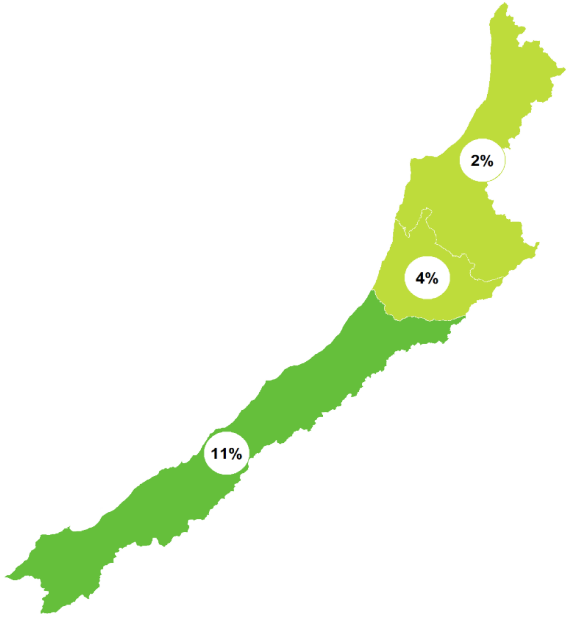
WEST COAST | House sparrow | Tiu

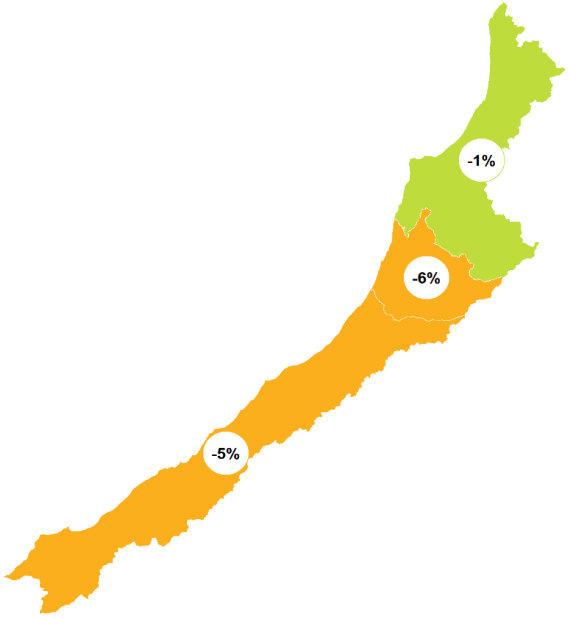
How have garden bird counts changed in this region?

Last 10 years
2008–18

LITTLE OR NO CHANGE
REGIONALLY

LITTLE OR NO CHANGE
NATIONALLY





Last 5 years
2013–18

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

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

Manaaki Whenua
Landcare Research

New Zealand
GARDEN
BIRD
SURVEY

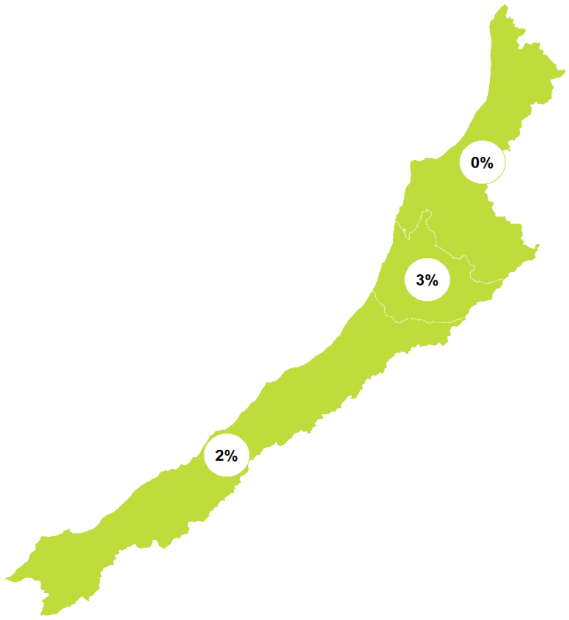
WEST COAST | Chaffinch | Pahirini

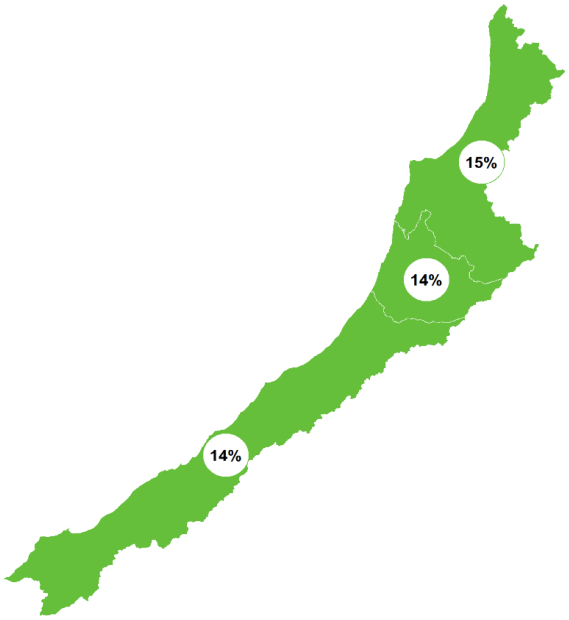
How have garden bird counts changed in this region?

Last 10 years
2008–18

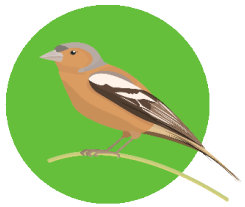
LITTLE OR NO CHANGE
REGIONALLY

LITTLE OR NO CHANGE
NATIONALLY

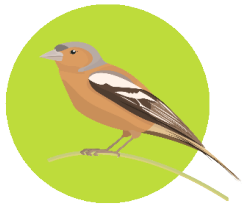




Last 5 years
2013–18



SHALLOW INCREASE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

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

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

Manaaki Whenua
Landcare Research

New Zealand
GARDEN
BIRD
SURVEY

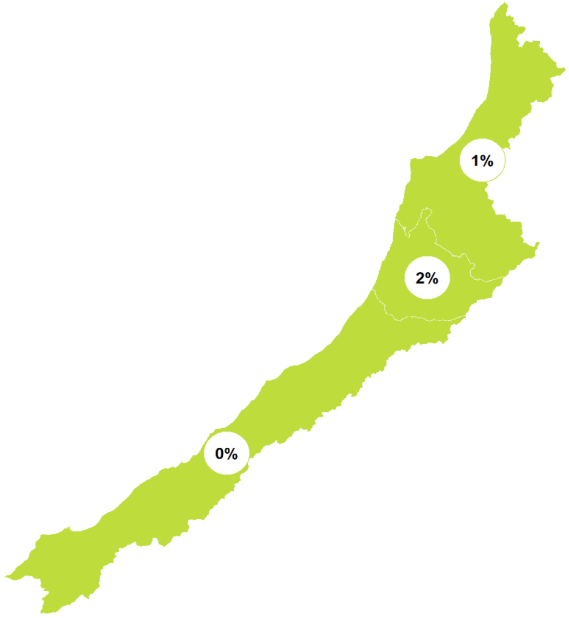
WEST COAST | Blackbird | Manu pango

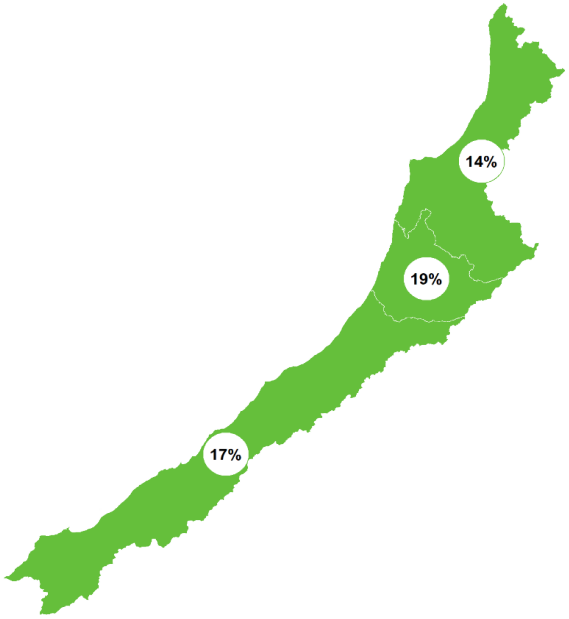
How have garden bird counts changed in this region?

Last 10 years
2008–18

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

Last 5 years
2013–18

SHALLOW INCREASE
REGIONALLY

SHALLOW INCREASE
NATIONALLY

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

Manaaki Whenua
Landcare Research

WEST COAST | Starling | Tāringi

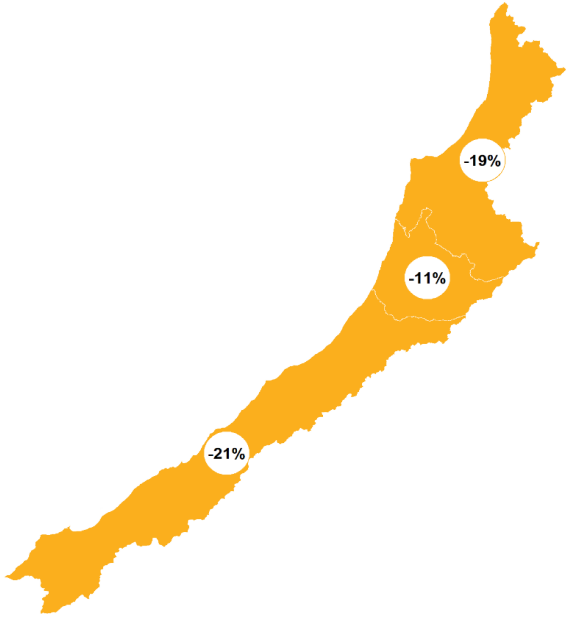
How have garden bird counts changed in this region?

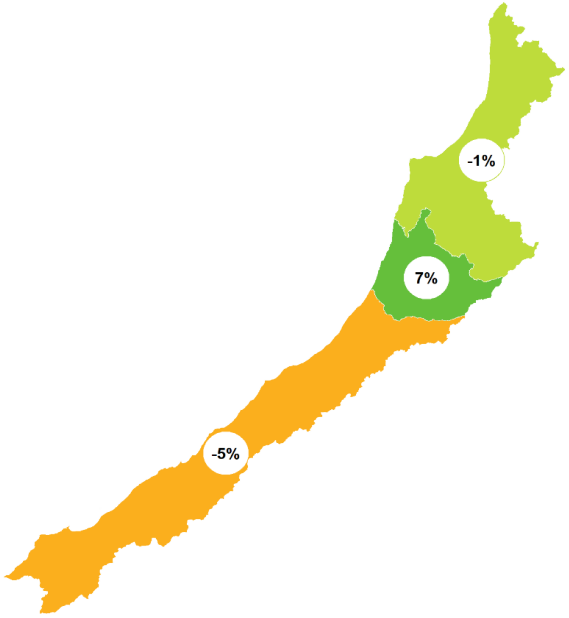
New Zealand GARDEN BIRD SURVEY

Last 10 years
2008–18

SHALLOW DECLINE REGIONALLY

MODERATE DECLINE NATIONALLY





Last 5 years
2013–18

LITTLE OR NO CHANGE REGIONALLY

SHALLOW DECLINE NATIONALLY

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

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

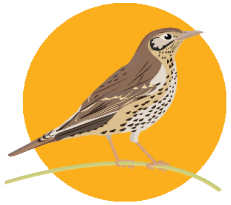
Manaaki Whenua
Landcare Research

WEST COAST | Song thrush

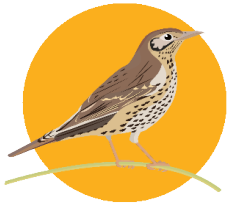
How have garden bird counts changed in this region?

New Zealand GARDEN BIRD SURVEY

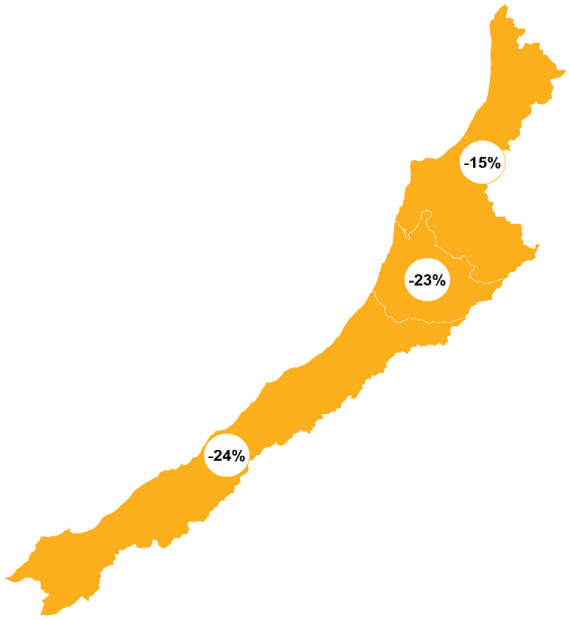
Last 10 years
2008–18



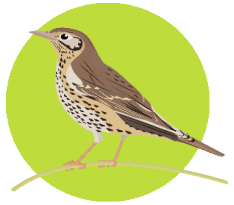
SHALLOW DECLINE REGIONALLY



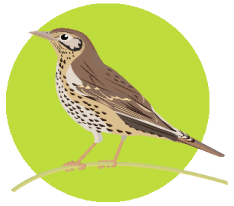
SHALLOW DECLINE NATIONALLY



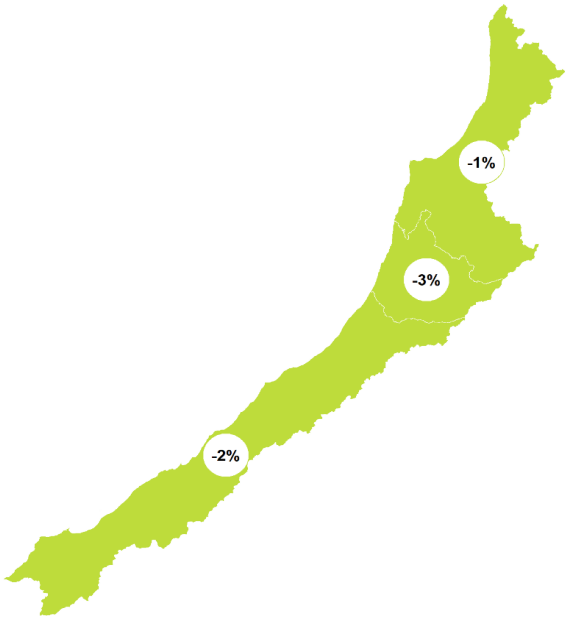
Last 5 years
2013–18



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

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

Manaaki Whenua
Landcare Research

WEST COAST | Goldfinch

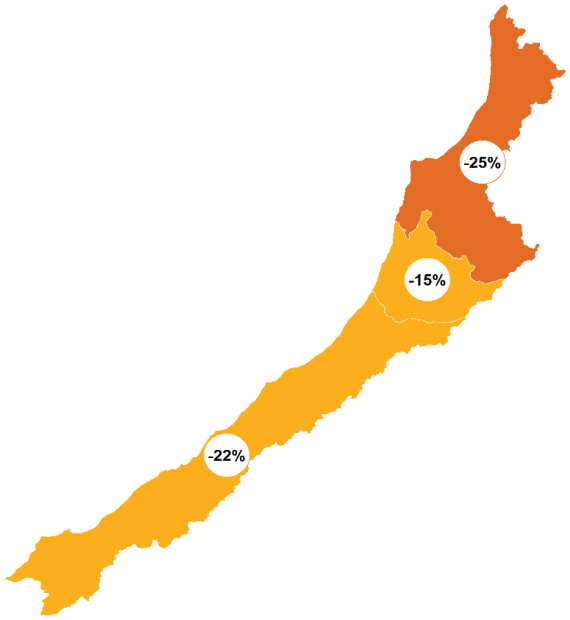
How have garden bird counts changed in this region?

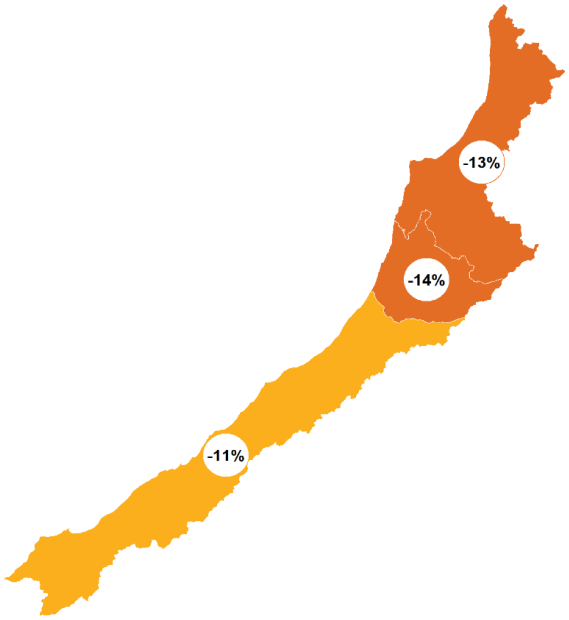
New Zealand GARDEN BIRD SURVEY

Last 10 years
2008–18

SHALLOW DECLINE REGIONALLY

SHALLOW DECLINE NATIONALLY





Last 5 years
2013–18

MODERATE DECLINE REGIONALLY

MODERATE DECLINE NATIONALLY

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

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

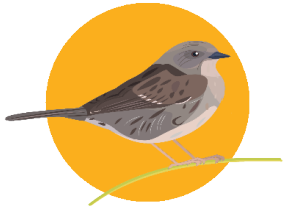
Manaaki Whenua
Landcare Research

WEST COAST | Dunnock

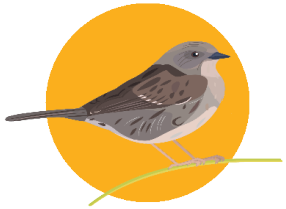
How have garden bird counts changed in this region?

New Zealand GARDEN BIRD SURVEY

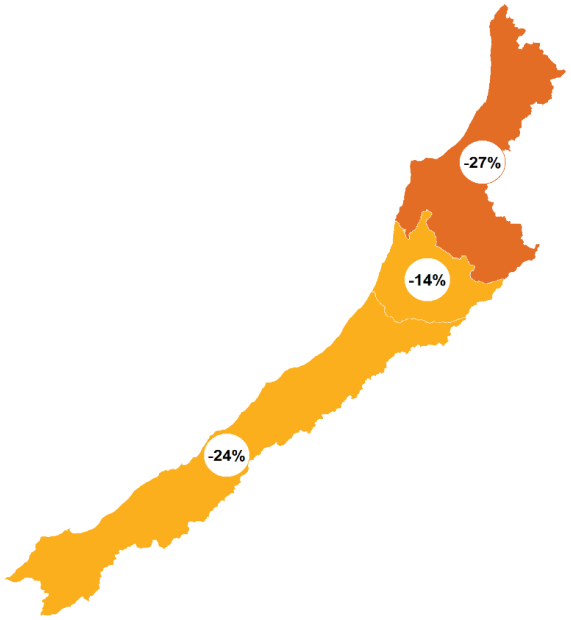
Last 10 years
2008–18



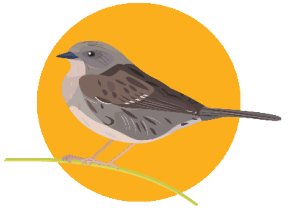
SHALLOW DECLINE REGIONALLY



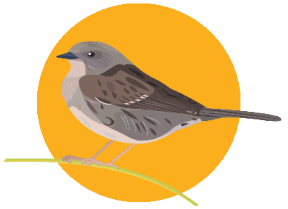
SHALLOW DECLINE NATIONALLY



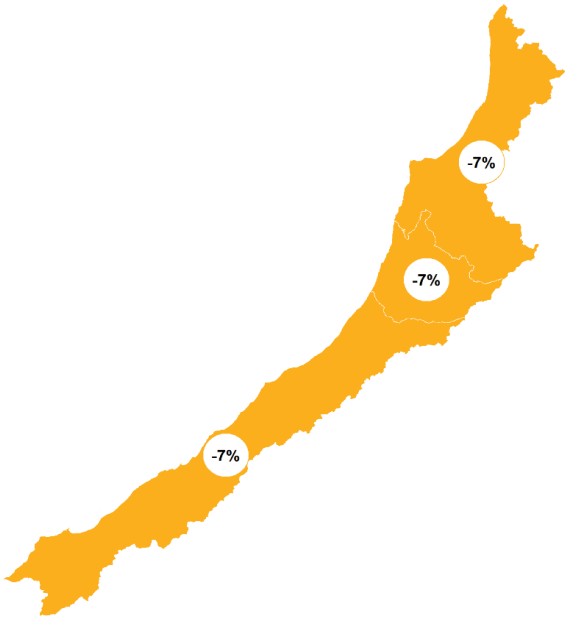
Last 5 years
2013–18



SHALLOW DECLINE REGIONALLY



SHALLOW DECLINE NATIONALLY



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

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

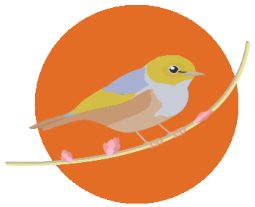
Manaaki Whenua
Landcare Research

New Zealand
GARDEN
BIRD
SURVEY

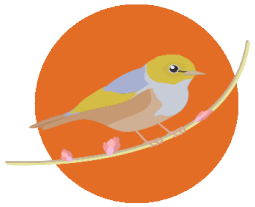
WEST COAST | Silvereye | Tauhou

How have garden bird counts changed in this region?

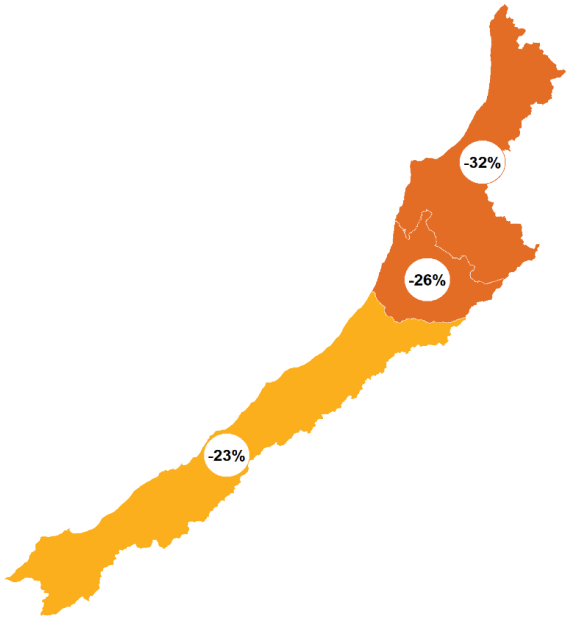
Last 10 years
2008–18

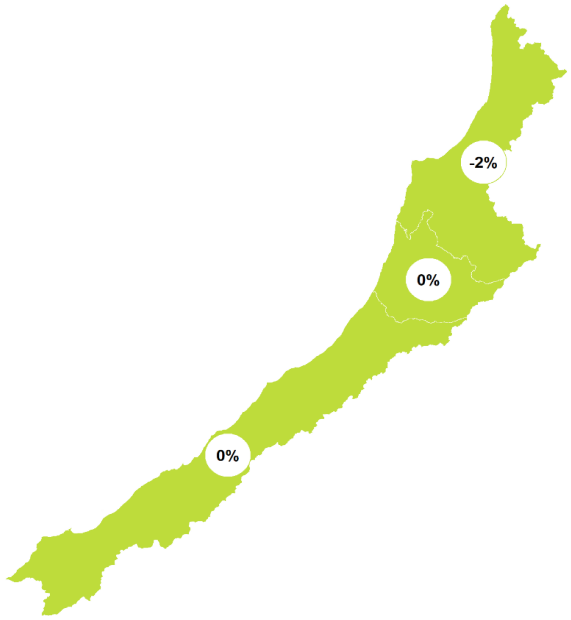


MODERATE DECLINE
REGIONALLY



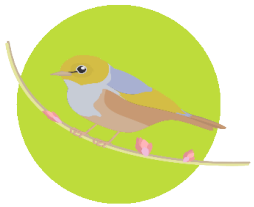
MODERATE DECLINE
NATIONALLY



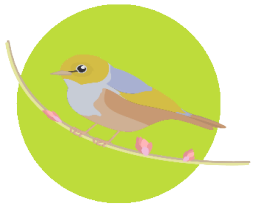


Rapid increase
Moderate increase
Shallow increase
No or little change
Shallow decline
Moderate decline
Rapid decline

Last 5 years
2013–18



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

Data source: 34,686 and 20,274 gardens surveyed nationwide for 2008–18 and 2013–18 respectively.

New Zealand
GARDEN
BIRD
SURVEY

2019

29 June to 7 July

Visit our webpage to learn more:

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