New Zealand GARDEN BIRD SURVEY

Manaaki Whenua Landcare Research

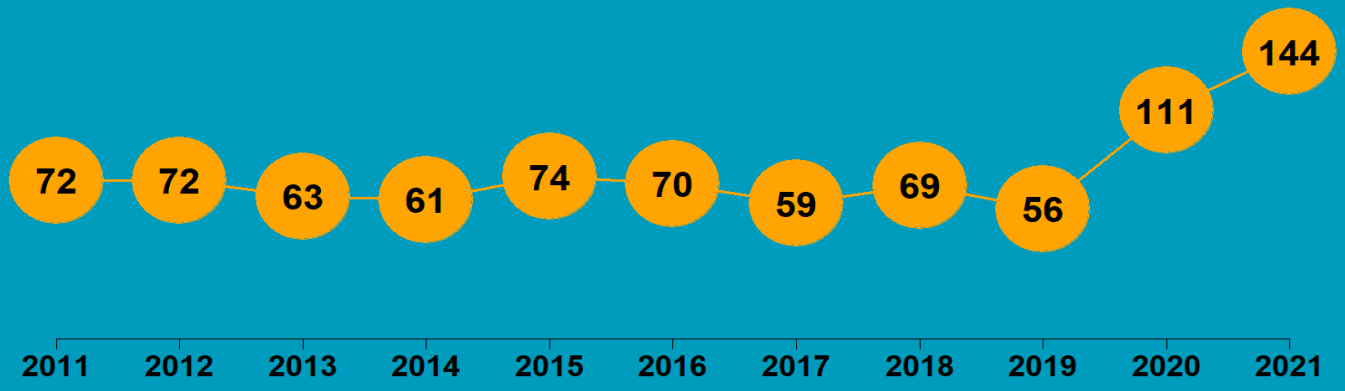
Summary report

TASMAN REGION

2021 | State of NZ Garden Birds

Te Āhua o ngā Manu o te Kāri i Aotearoa

NUMBER OF SURVEYED GARDENS



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, 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

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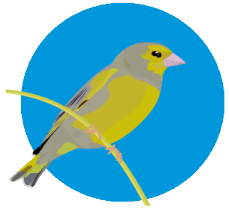
New Zealand
GARDEN
BIRD
SURVEY

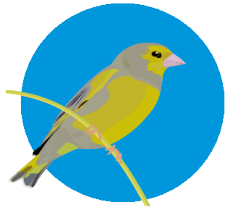
TASMAN | Greenfinch

How have garden bird counts changed in this region?

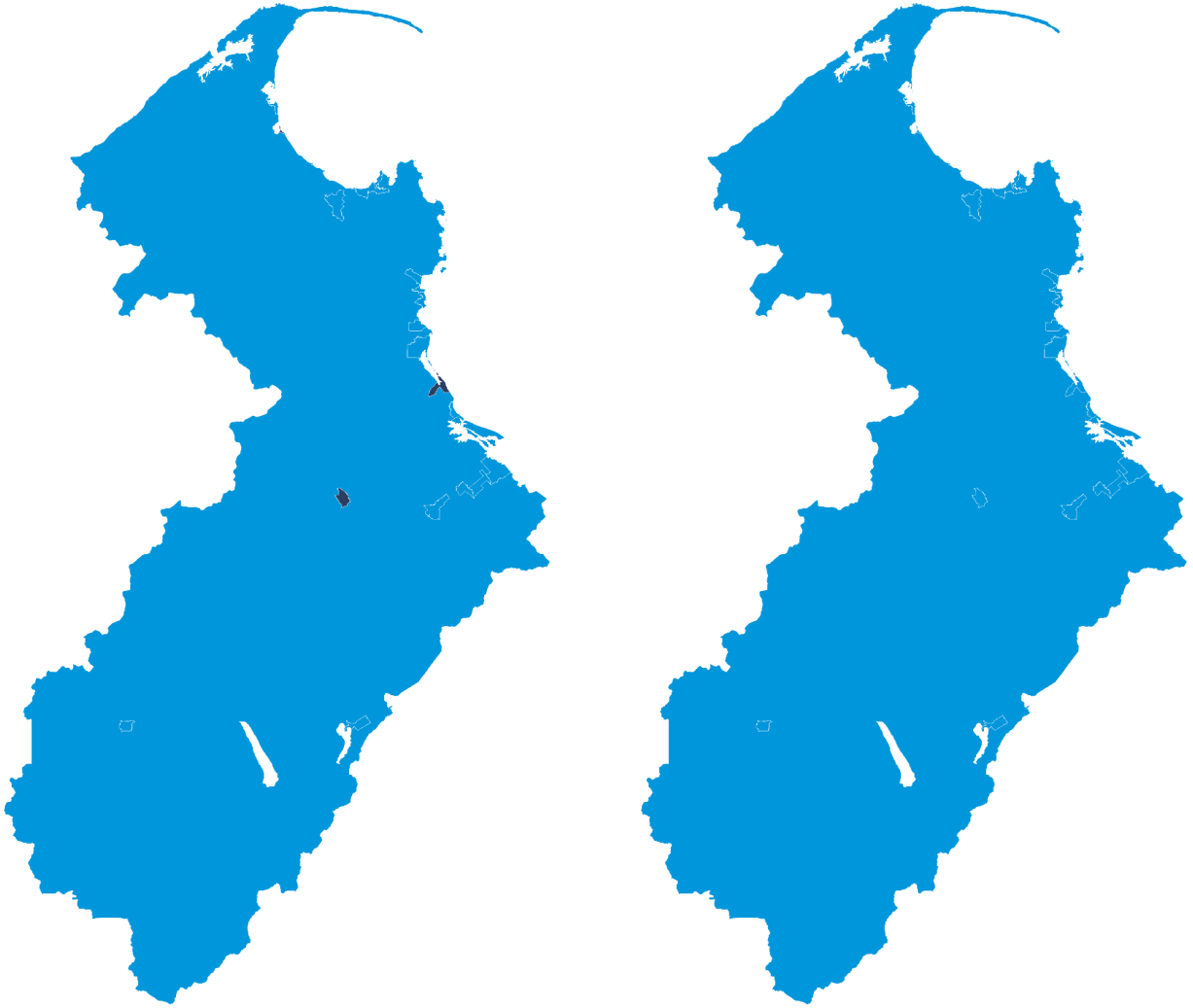
Last 10 years
2011–21



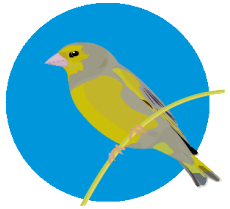
MODERATE INCREASE REGIONALLY



MODERATE INCREASE NATIONALLY



Last 5 years
2016–21



MODERATE INCREASE REGIONALLY

MODERATE INCREASE NATIONALLY

Data source: 41,890 and 25,073 gardens surveyed nationwide for 2011–21 and 2016–21, respectively.

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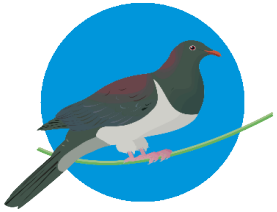
New Zealand
GARDEN
BIRD
SURVEY

TASMAN | Kererū | Kererū

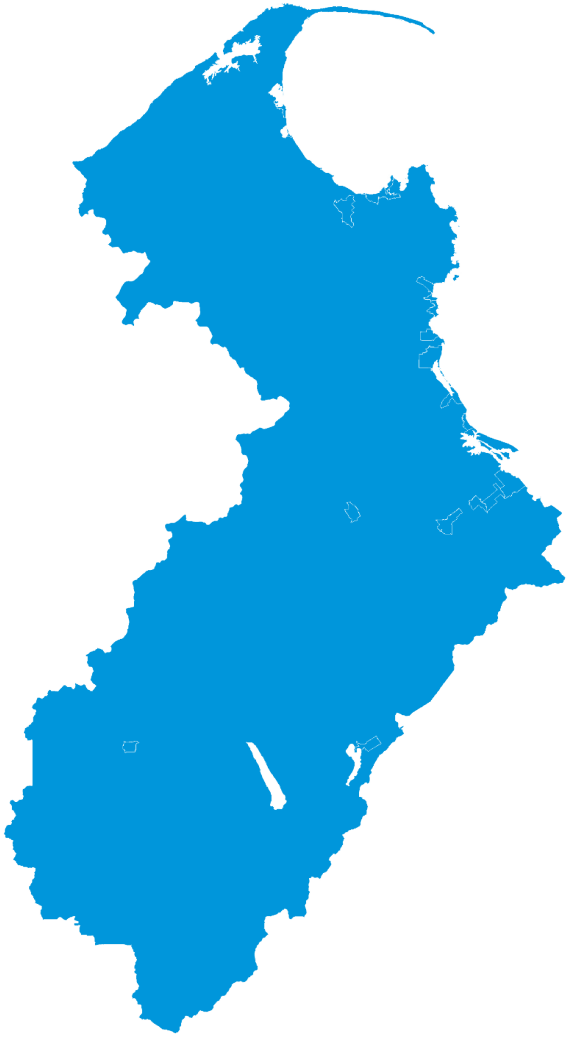
How have garden bird counts changed in this region?

Last 10 years
2011–21



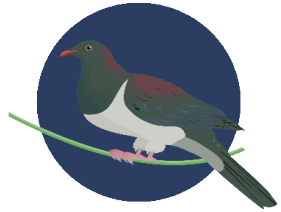
MODERATE INCREASE REGIONALLY

RAPID INCREASE NATIONALLY

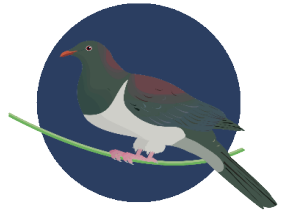


- Rapid increase
- Moderate increase
- Shallow increase
- No or little change
- Shallow decline
- Moderate decline
- Rapid decline

Last 5 years
2016–21



RAPID INCREASE REGIONALLY



RAPID INCREASE NATIONALLY

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GARDEN
BIRD
SURVEY

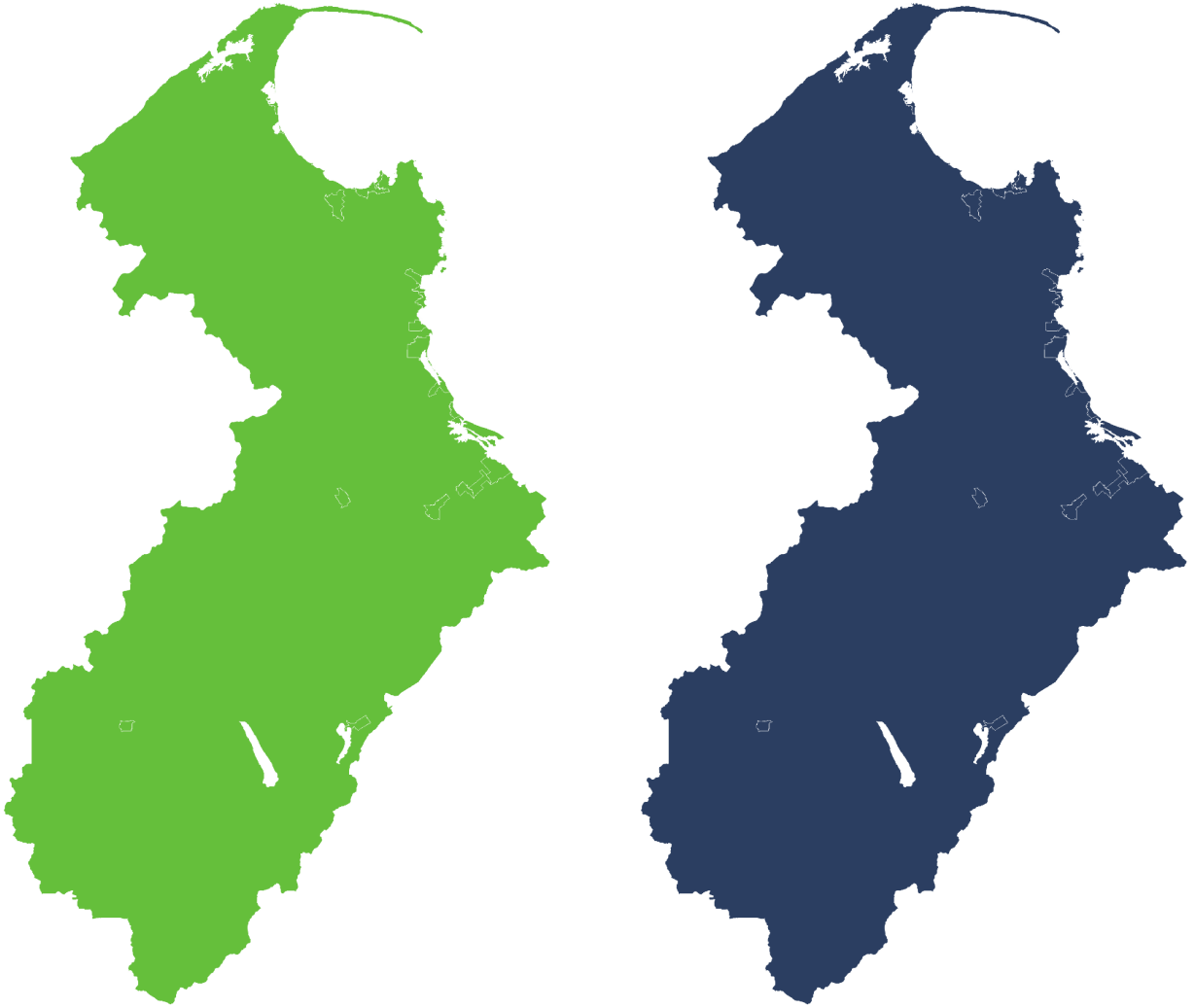
TASMAN | Goldfinch

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

Data source: 41,890 and 25,073 gardens surveyed nationwide for 2011–21 and 2016–21, respectively.

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BIRD
SURVEY

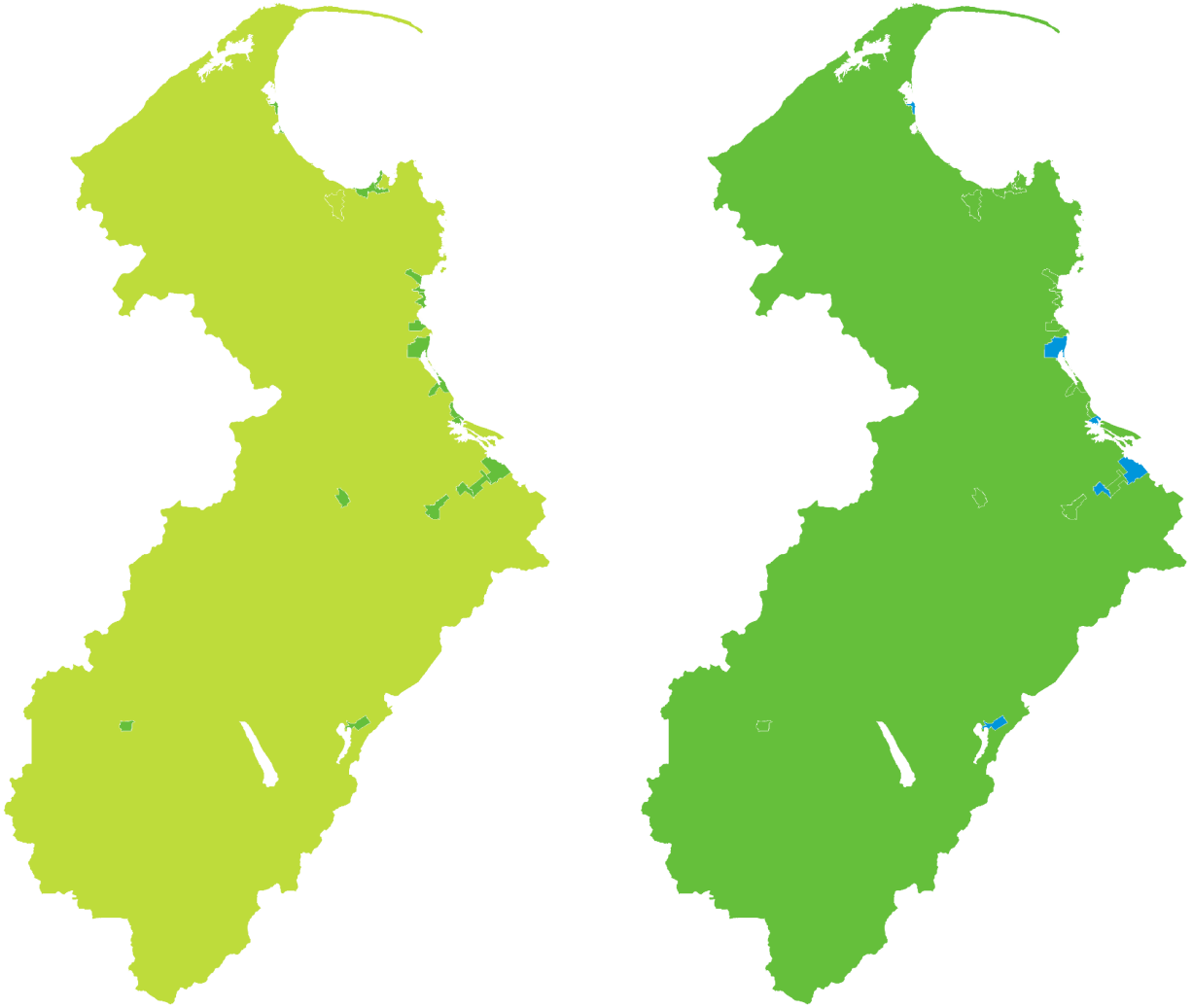
TASMAN | Fantail | Pīwakawaka

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

Data source: 41,890 and 25,073 gardens surveyed nationwide for 2011–21 and 2016–21, respectively.

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BIRD
SURVEY

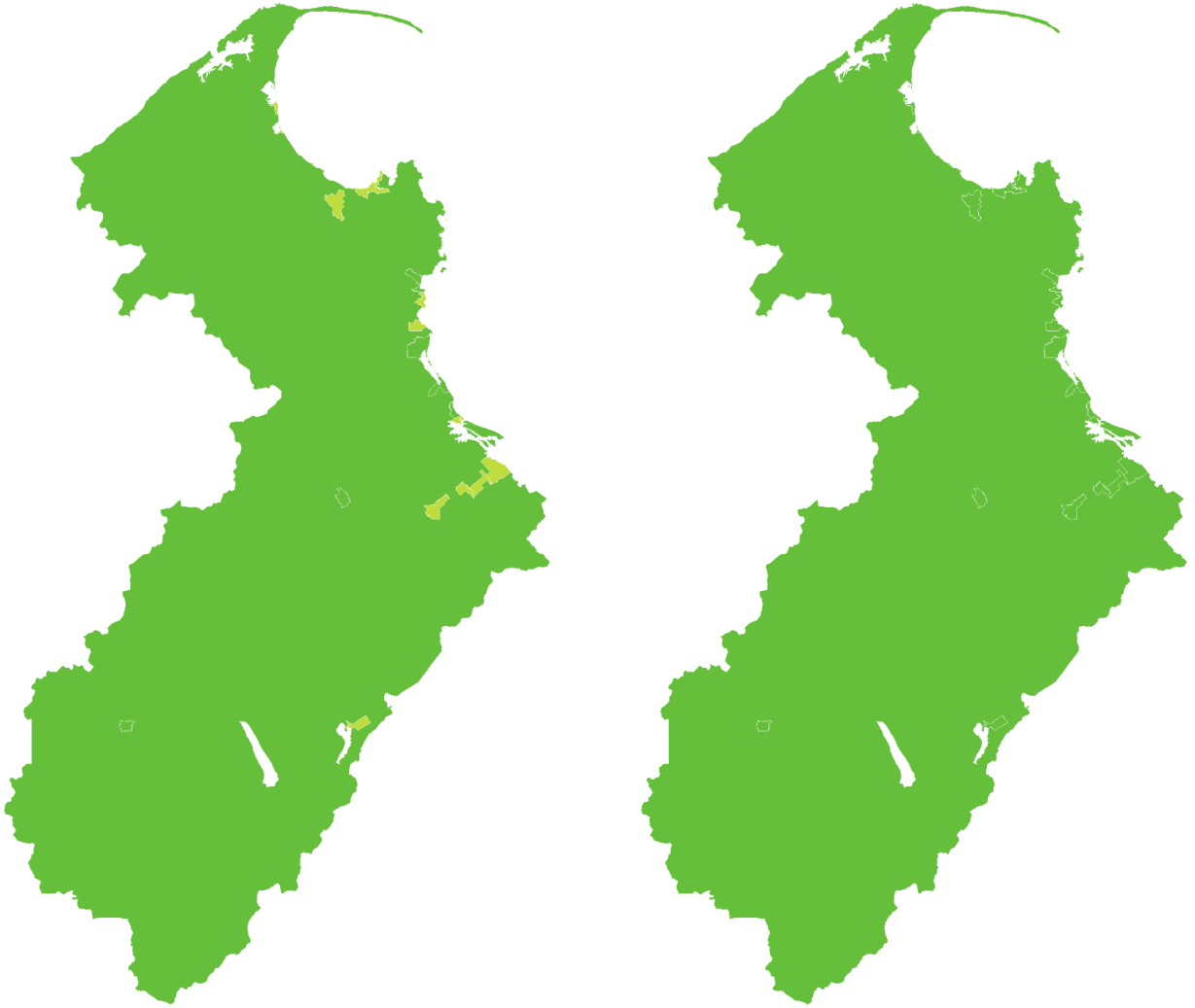
TASMAN | Blackbird | Manu pango

How have garden bird counts changed in this region?

Last 10 years
2011–21

LITTLE OR NO CHANGE
REGIONALLY

SHALLOW INCREASE
NATIONALLY



Last 5 years
2016–21

SHALLOW INCREASE
REGIONALLY

SHALLOW INCREASE
NATIONALLY

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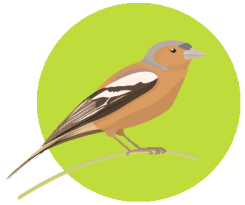
SURVEY

TASMAN | Chaffinch | Pahirini

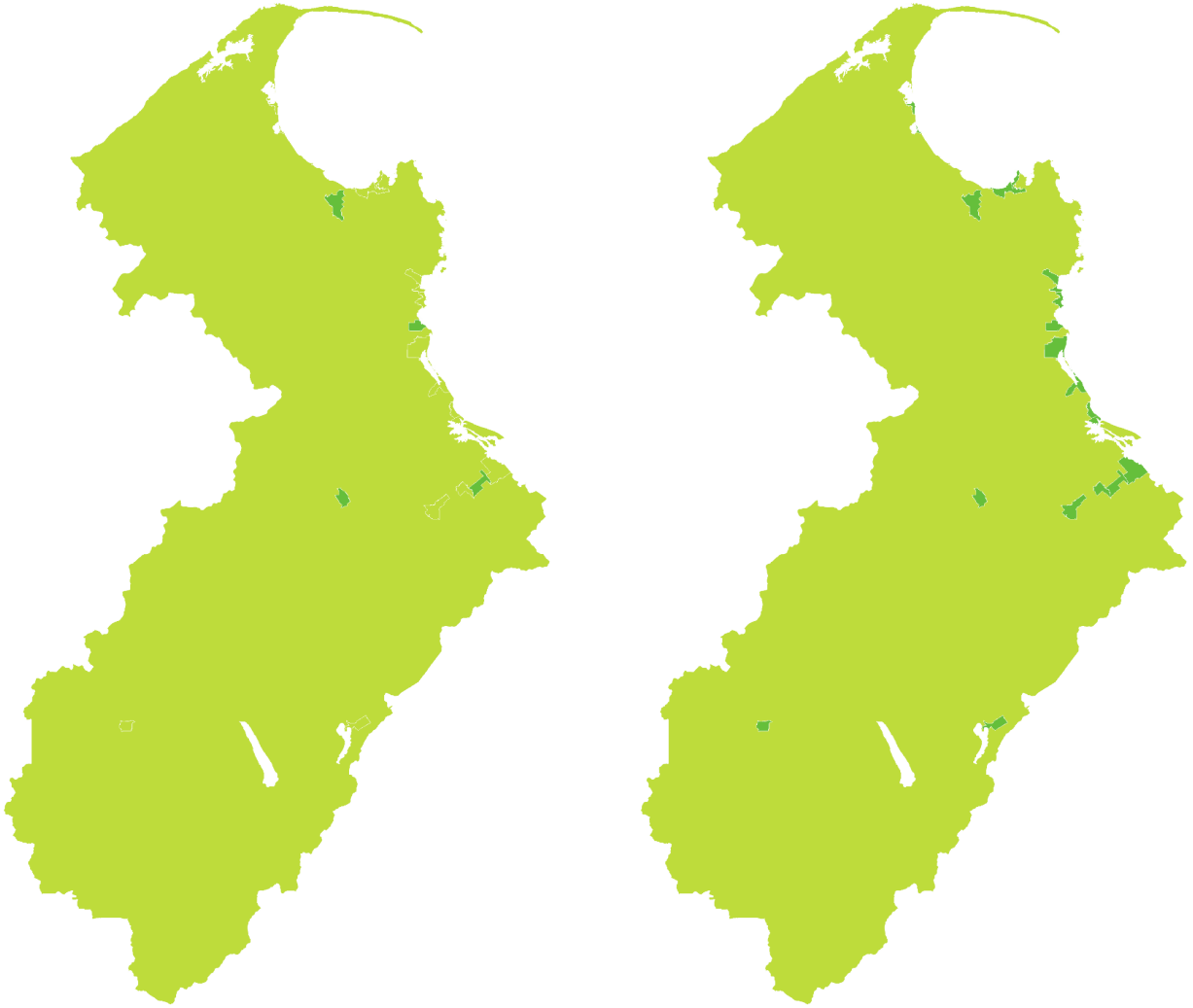
How have garden bird counts changed in this region?

Last 10 years
2011–21

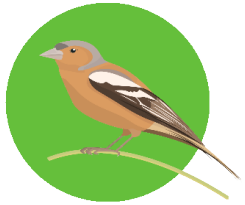


LITTLE OR NO CHANGE
REGIONALLY

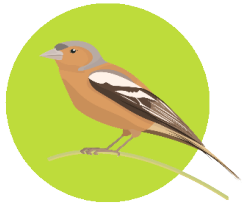
LITTLE OR NO CHANGE
NATIONALLY



Last 5 years
2016–21



SHALLOW INCREASE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

Data source: 41,890 and 25,073 gardens surveyed nationwide for 2011–21 and 2016–21, respectively.

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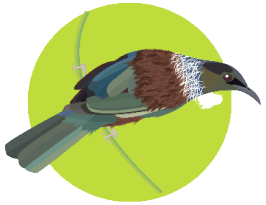
New Zealand
GARDEN
BIRD
SURVEY

TASMAN | Tūī | Kōkō

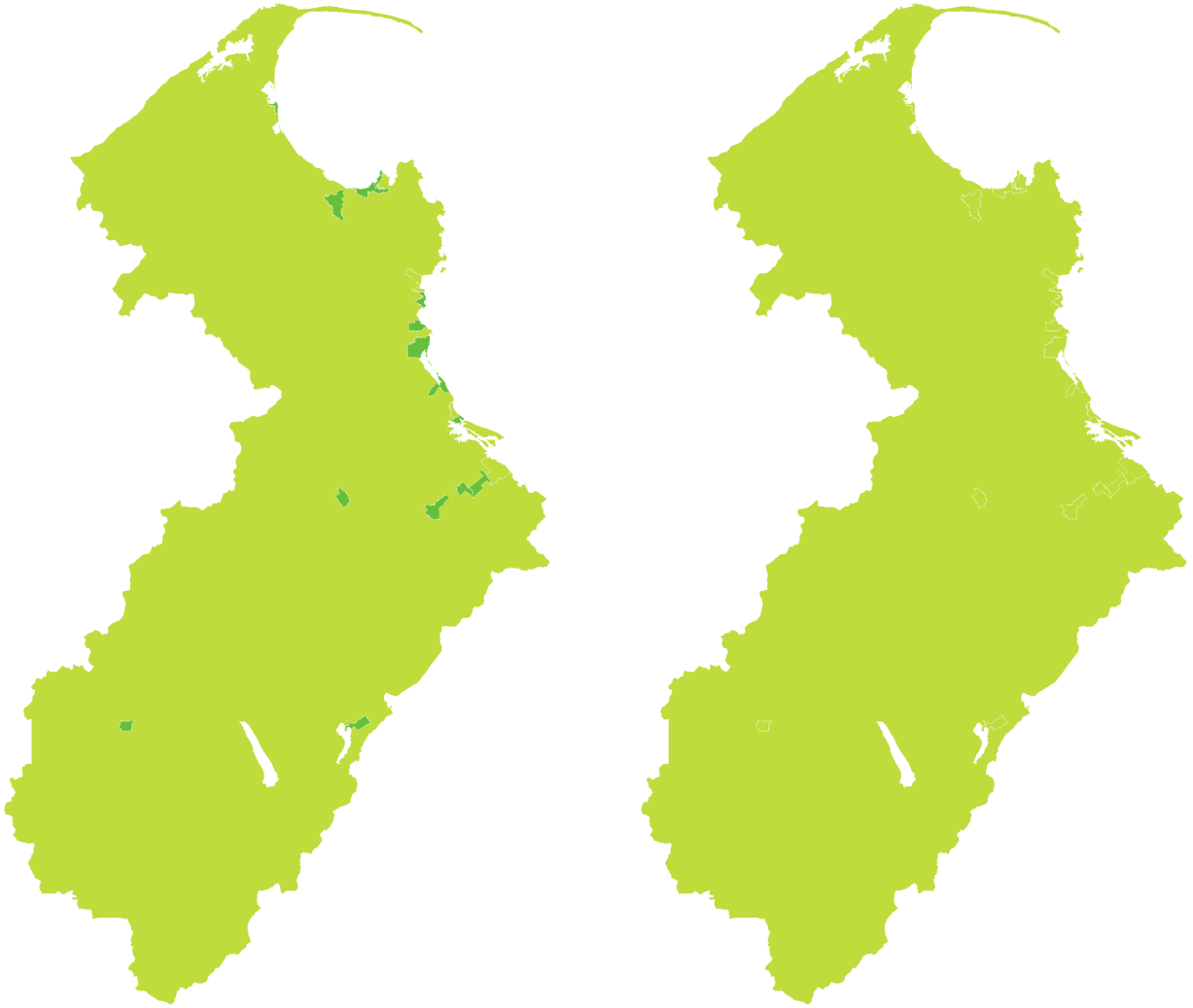
How have garden bird counts changed in this region?

Last 10 years
2011–21

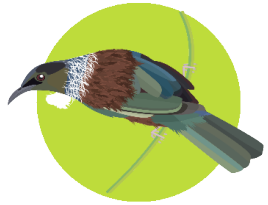


LITTLE OR NO CHANGE
REGIONALLY

SHALLOW INCREASE
NATIONALLY



Last 5 years
2016–21



LITTLE OR NO CHANGE
REGIONALLY

SHALLOW INCREASE
NATIONALLY

Data source: 41,890 and 25,073 gardens surveyed nationwide for 2011–21 and 2016–21, respectively.

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BIRD
SURVEY

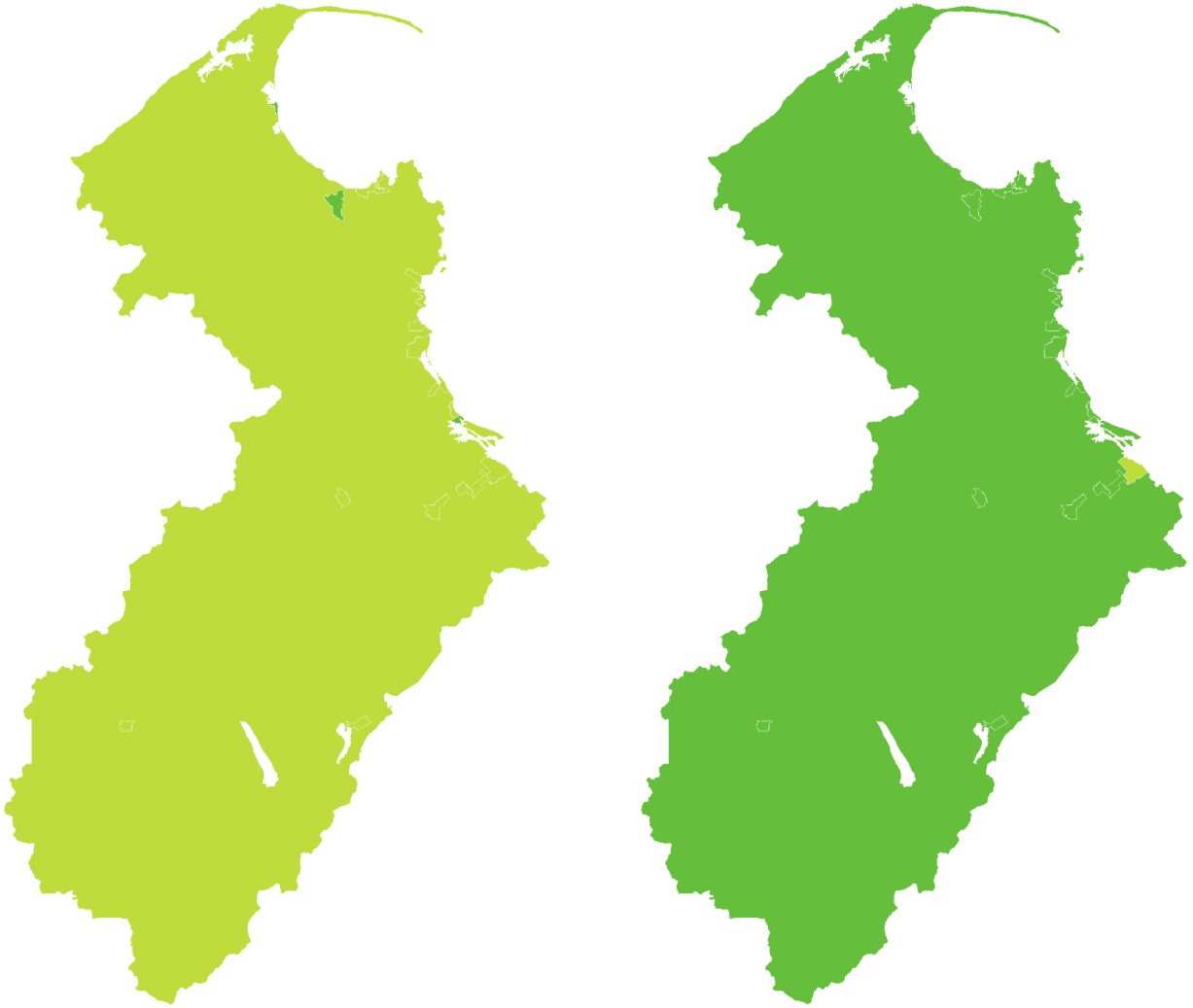
TASMAN | House sparrow | Tiu

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

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BIRD
SURVEY

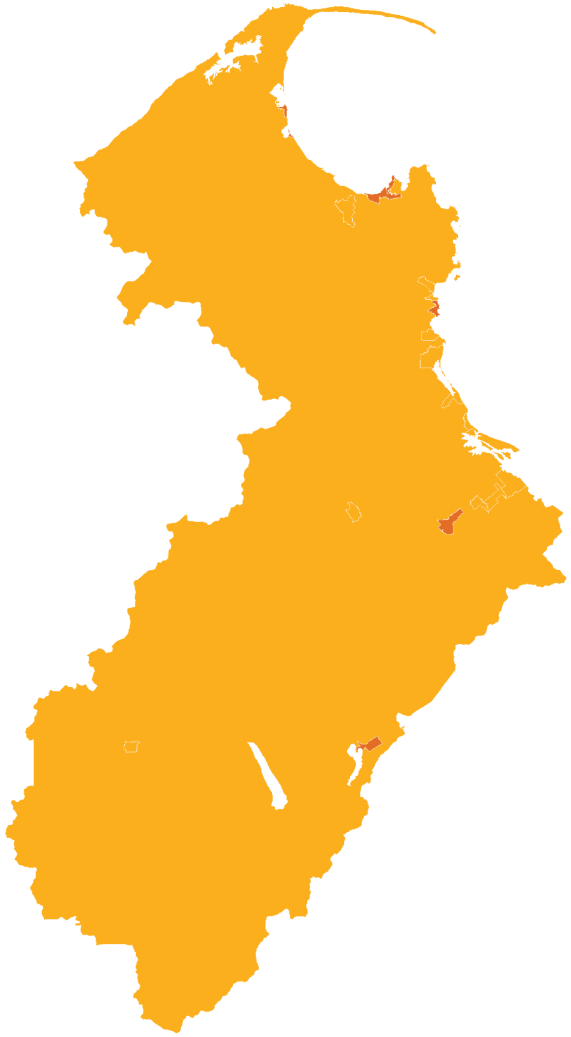
TASMAN | Starling | Tāringi

How have garden bird counts changed in this region?

Last 10 years
2011–21

LITTLE OR NO CHANGE
REGIONALLY

SHALLOW DECLINE
NATIONALLY



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

Last 5 years
2016–21

SHALLOW DECLINE
REGIONALLY

SHALLOW DECLINE
NATIONALLY

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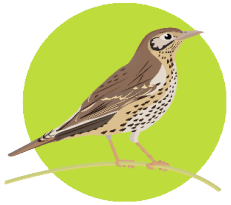
BIRD
SURVEY

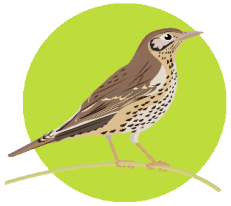
TASMAN | Song thrush

How have garden bird counts changed in this region?

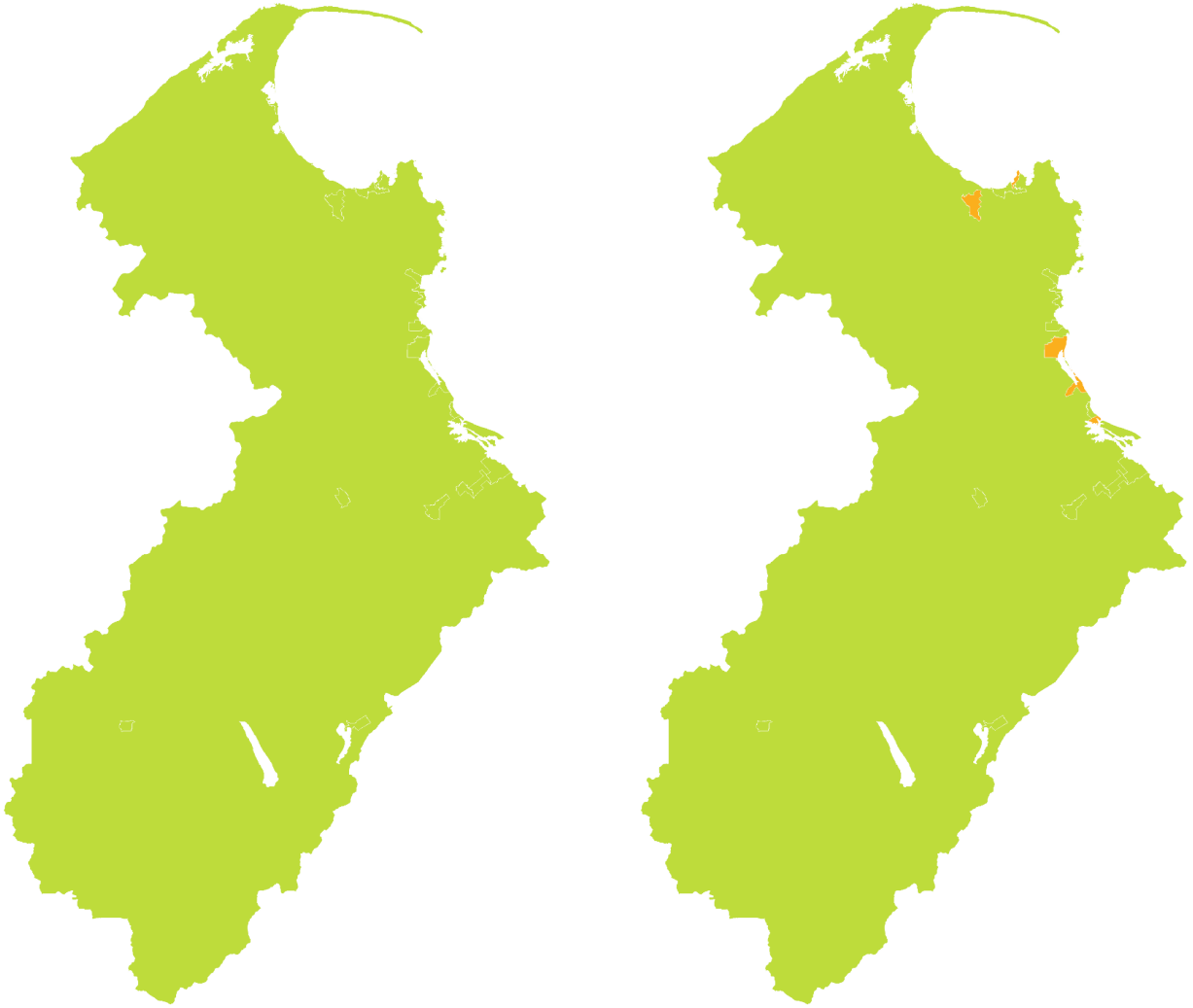
Last 10 years
2011–21



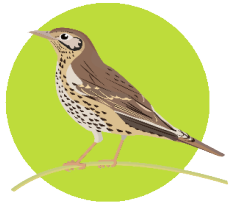
LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY



Last 5 years
2016–21



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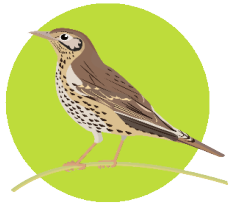

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BIRD
SURVEY

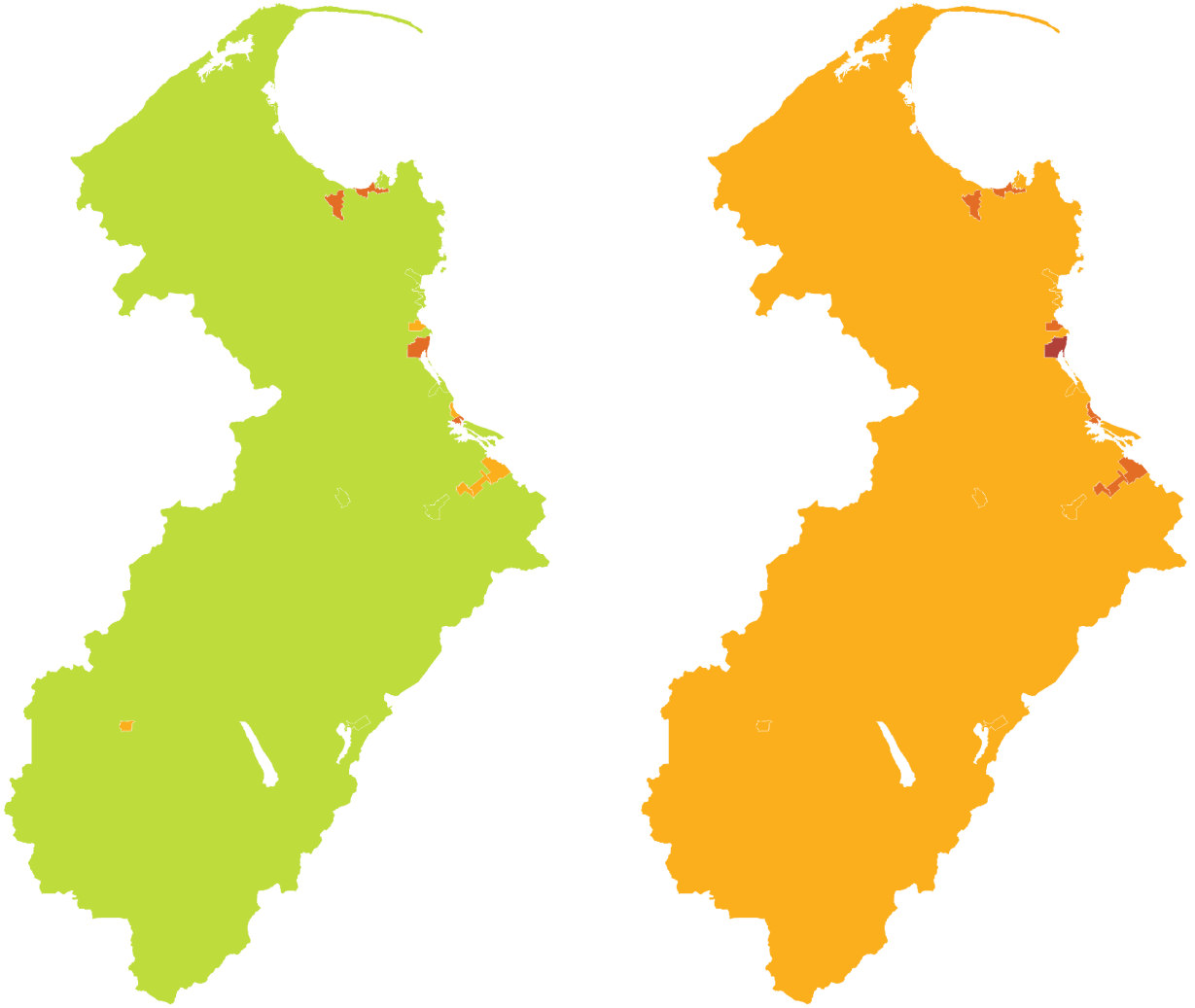
TASMAN | Bellbird | Korimako

How have garden bird counts changed in this region?

Last 10 years
2011–21

SHALLOW DECLINE
REGIONALLY

LITTLE OR NO CHANGE
NATIONALLY



Last 5 years
2016–21

MODERATE DECLINE
REGIONALLY

LITTLE OR NO CHANGE
NATIONALLY

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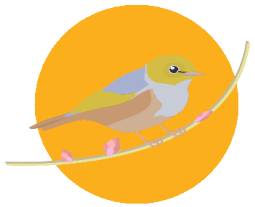
BIRD
SURVEY

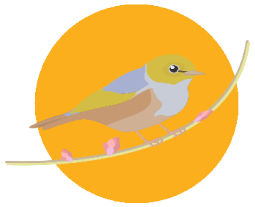
TASMAN | Silvereye | Tauhou

How have garden bird counts changed in this region?

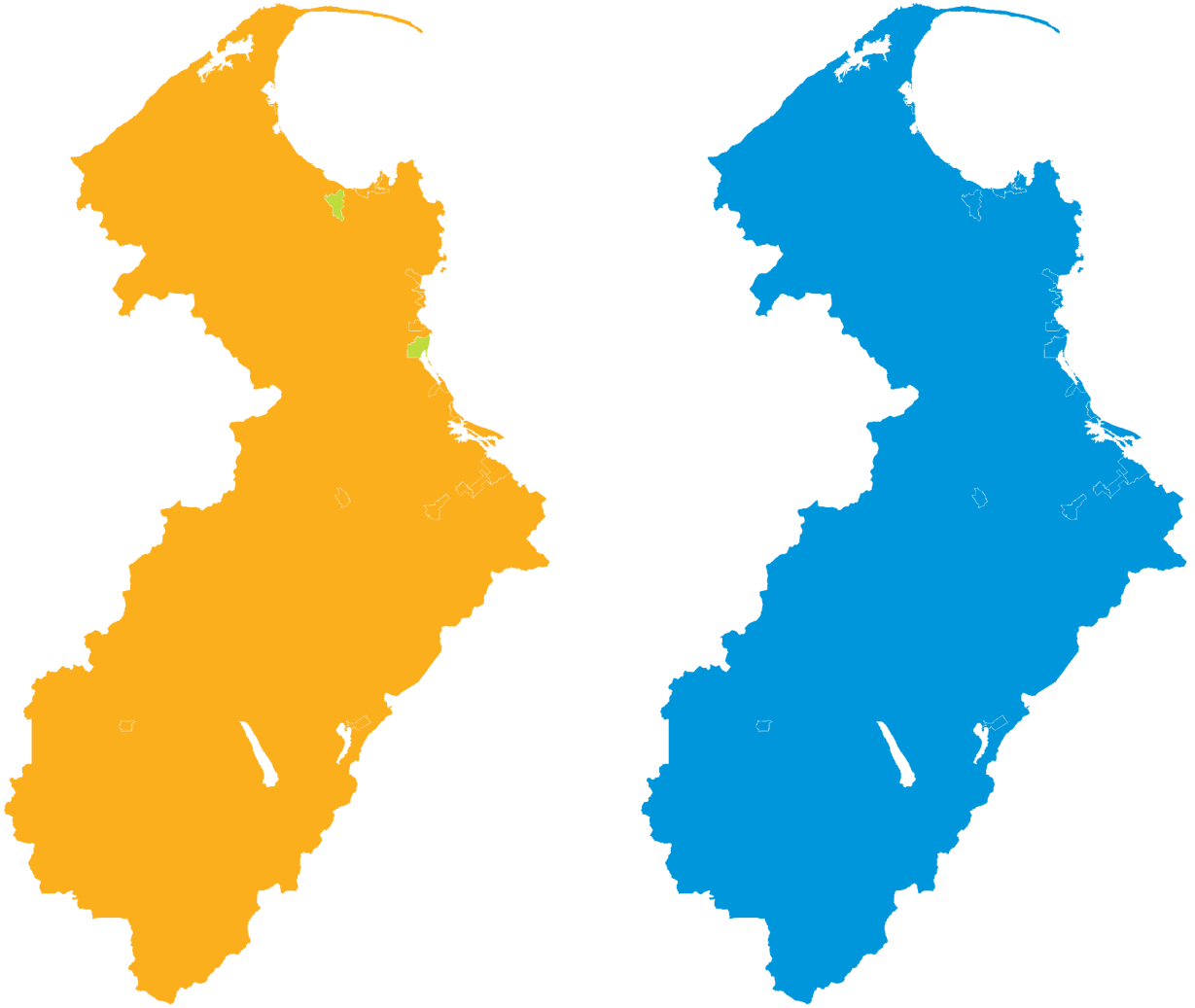
Last 10 years
2011–21



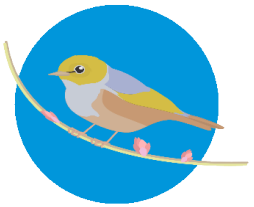
SHALLOW DECLINE
REGIONALLY



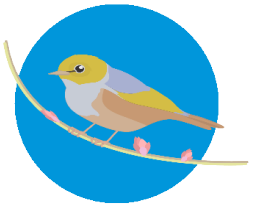
SHALLOW DECLINE
NATIONALLY



Last 5 years
2016–21



MODERATE INCREASE
REGIONALLY



MODERATE INCREASE
NATIONALLY

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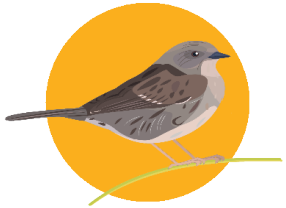
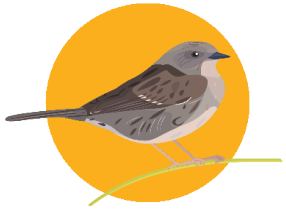
TASMAN | Dunnock

How have garden bird counts changed in this region?

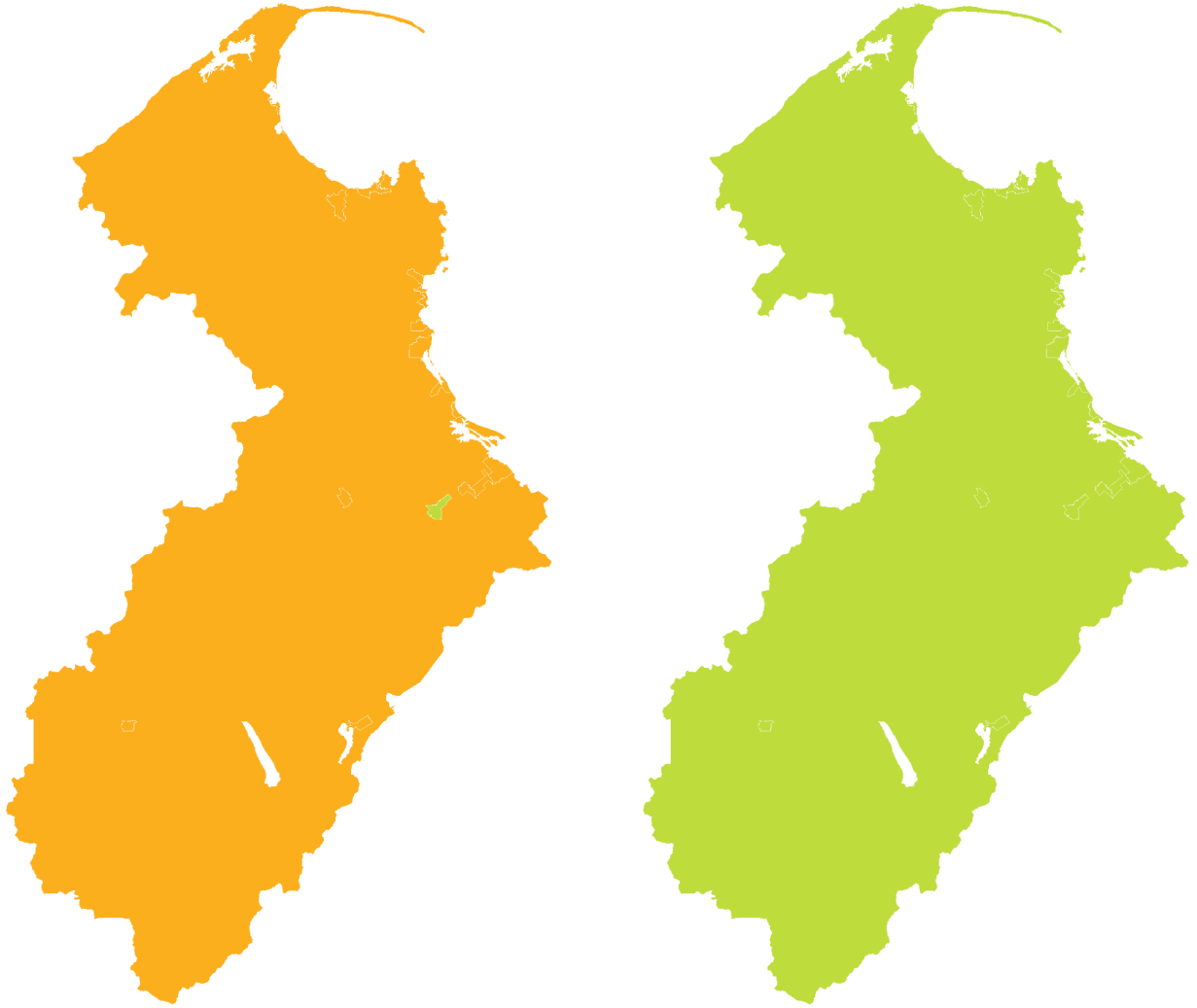
Last 10 years
2011–21



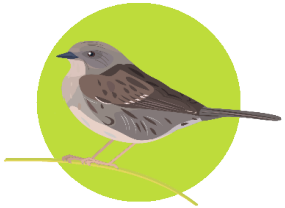
SHALLOW DECLINE
REGIONALLY



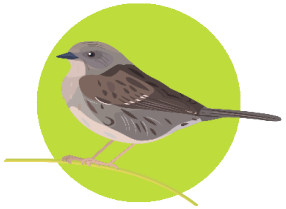
SHALLOW DECLINE
NATIONALLY



Last 5 years
2016–21



LITTLE OR NO CHANGE
REGIONALLY



LITTLE OR NO CHANGE
NATIONALLY

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New Zealand
GARDEN
BIRD
SURVEY

2022

25 June to 3 July

Visit our webpage to learn more:

gardenbirdsurvey.landcareresearch.co.nz

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