New Zealand GARDEN BIRD SURVEY

Manaaki Whenua Landcare Research

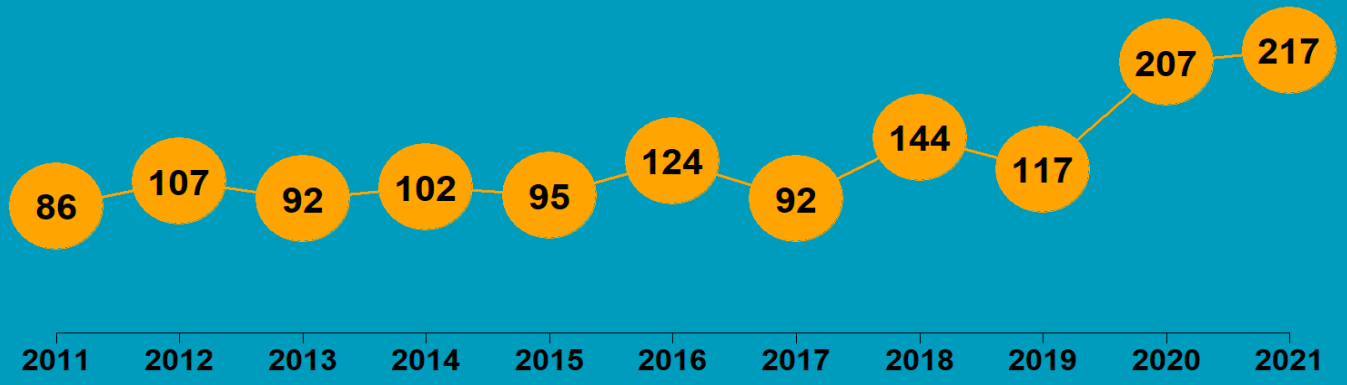
Summary report

NORTHLAND 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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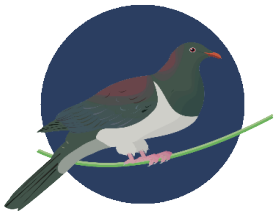
NORTHLAND | Kererū | Kererū

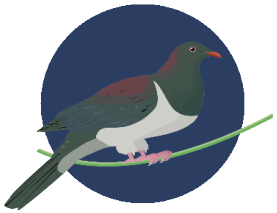
How have garden bird counts changed in this region?

New Zealand GARDEN BIRD SURVEY

Last 10 years
2011–21

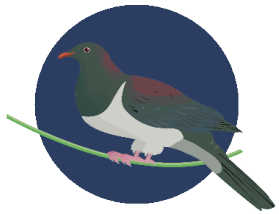


RAPID INCREASE REGIONALLY

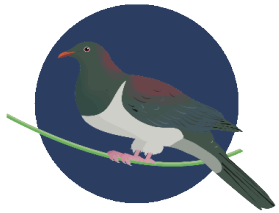


RAPID INCREASE NATIONALLY

Last 5 years
2016–21



RAPID INCREASE REGIONALLY



RAPID INCREASE NATIONALLY

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

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

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NORTHLAND | Greenfinch

How have garden bird counts changed in this region?

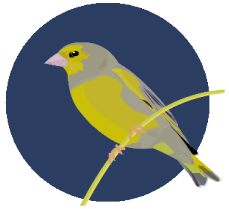
New Zealand GARDEN BIRD SURVEY

Last 10 years
2011–21

MODERATE INCREASE REGIONALLY

MODERATE INCREASE NATIONALLY

Last 5 years
2016–21



RAPID INCREASE REGIONALLY

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New Zealand GARDEN BIRD SURVEY

NORTHLAND | Bellbird | Korimako

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 DECLINE REGIONALLY

LITTLE OR NO CHANGE NATIONALLY

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

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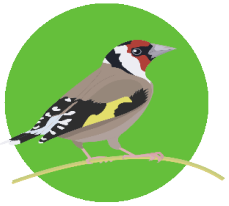
New Zealand GARDEN BIRD SURVEY

NORTHLAND | Goldfinch

How have garden bird counts changed in this region?

Last 10 years
2011–21

SHALLOW INCREASE REGIONALLY



SHALLOW INCREASE NATIONALLY

Last 5 years
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MODERATE INCREASE REGIONALLY

RAPID INCREASE NATIONALLY

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New Zealand
GARDEN
BIRD
SURVEY

NORTHLAND | Tūī | Kōkō

How have garden bird counts changed in this region?

Last 10 years
2011–21

SHALLOW INCREASE
REGIONALLY

SHALLOW INCREASE
NATIONALLY

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New Zealand GARDEN BIRD SURVEY

NORTHLAND | Fantail | Pīwakawaka

How have garden bird counts changed in this region?

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SHALLOW INCREASE NATIONALLY

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Last 5 years
2016–21

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MODERATE INCREASE NATIONALLY

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New Zealand GARDEN BIRD SURVEY

NORTHLAND | Blackbird | Manu pango

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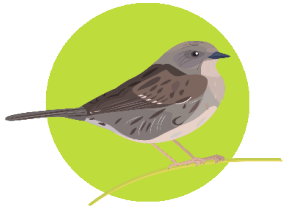
New Zealand GARDEN BIRD SURVEY

NORTHLAND | Dunnock

How have garden bird counts changed in this region?

Last 10 years
2011–21



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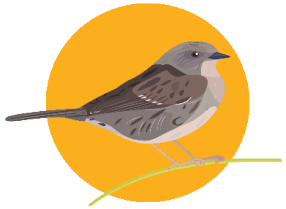
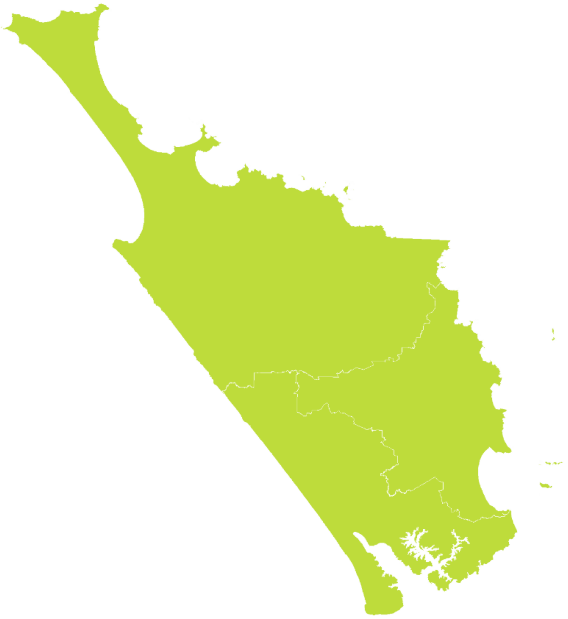
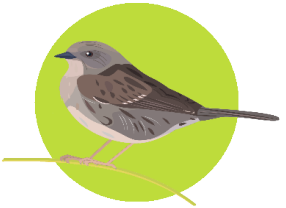


SHALLOW DECLINE NATIONALLY



Last 5 years
2016–21



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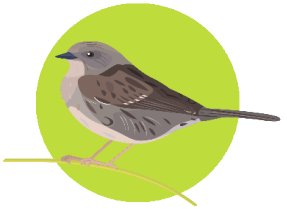

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SURVEY

NORTHLAND | Myna | Maina

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2011–21

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REGIONALLY

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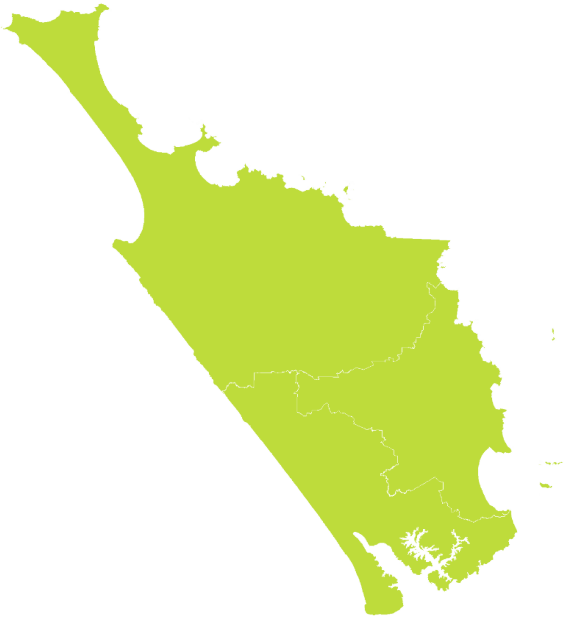

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New Zealand GARDEN BIRD SURVEY

NORTHLAND | House sparrow | Tiu

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NORTHLAND | Song thrush

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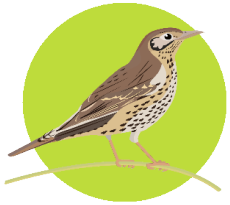

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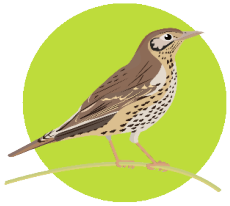

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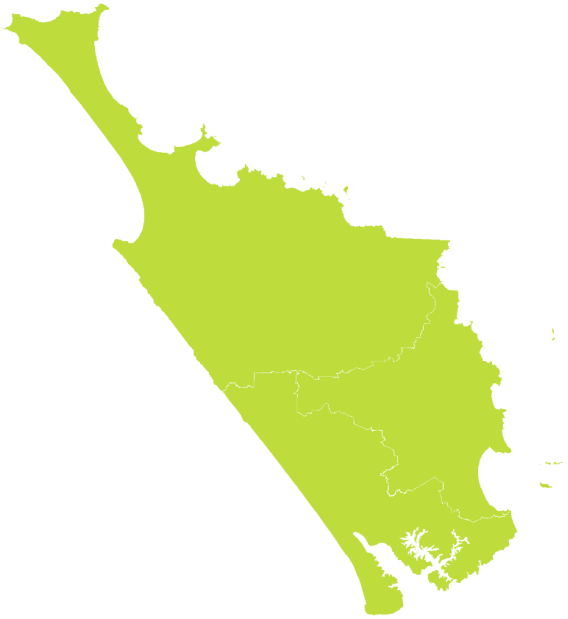

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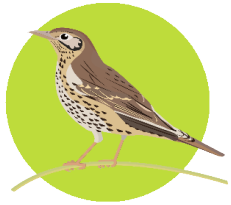

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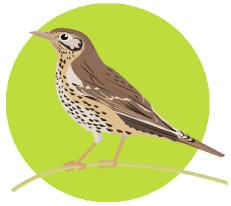

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New Zealand GARDEN BIRD SURVEY

NORTHLAND | Silvereye | Tauhou

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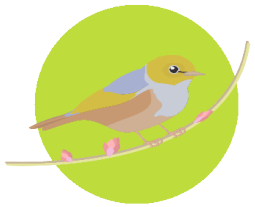
2011–21



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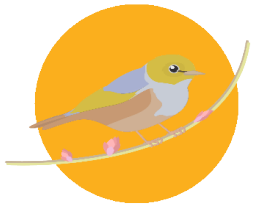
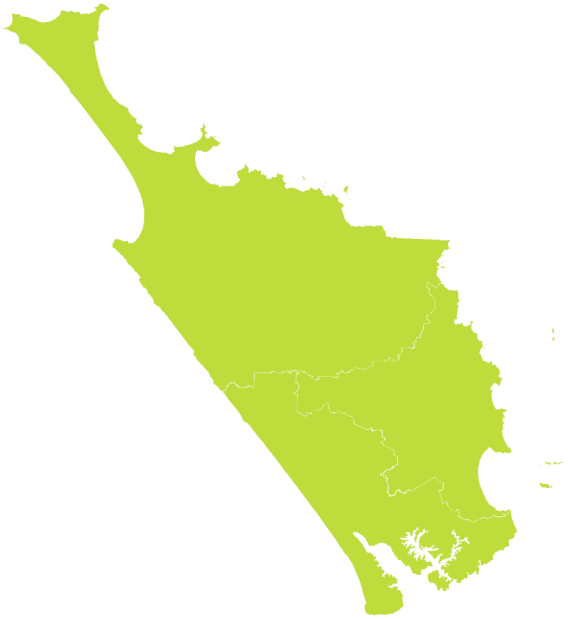


SHALLOW DECLINE NATIONALLY



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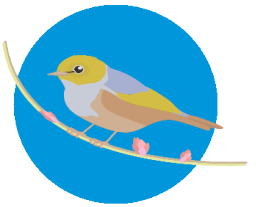
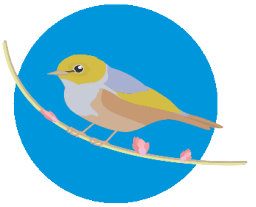


MODERATE INCREASE REGIONALLY



MODERATE INCREASE NATIONALLY

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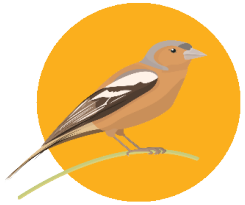
NORTHLAND | Chaffinch | Pahirini

How have garden bird counts changed in this region?

New Zealand GARDEN BIRD SURVEY

Last 10 years
2011–21



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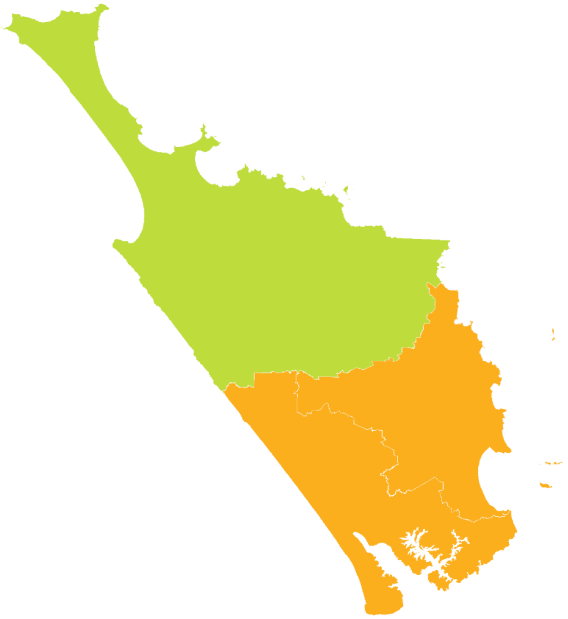

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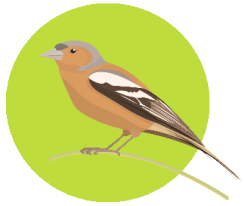

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New Zealand
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SURVEY

NORTHLAND | Starling | Tāringi

How have garden bird counts changed in this region?

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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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Landcare
Research

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