NORTHLAND REGION

2019 | State of NZ Garden Birds
Te Āhua o ngā Manu o te Kāri i Aotearoa

NUMBER OF SURVEYED GARDENS

75 86 107 92 102 95 124 92 144 117

New Zealand GARDEN BIRD SURVEY
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.

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

**Decline over 10 years**
- RAPID DECLINE
- MODERATE DECLINE
- SHALLOW DECLINE
- NO OR LITTLE CHANGE

**Increase over 10 years**
- OVER 10%
- OVER 50%
- OVER 100%
NORTHLAND | Kererū | Kererū
How have garden bird counts changed in this region?

Last 10 years
2009–19

- 80% SHALLOW INCREASE REGIONALLY
- 15% SHALLOW INCREASE NATIONALLY

Last 5 years
2014–19

- 55% RAPID INCREASE REGIONALLY
- 62% RAPID INCREASE NATIONALLY

Data source: 35,786 and 19,912 gardens surveyed nationwide for 2009–19 and 2014–19 respectively.
NORTHLAND | Greenfinch

How have garden bird counts changed in this region?

Last 10 years
2009–19

- 8% SHALLOW INCREASE
- 59% MODERATE INCREASE

Last 5 years
2014–19

- 14% SHALLOW INCREASE
- 27% MODERATE INCREASE

How have garden bird counts changed in this region?

Last 10 years
2009–19

Last 5 years
2014–19

NORTHLAND | Myna | Maina
How have garden bird counts changed in this region?

Last 10 years
2009–19

- Little or no change regionally: 3%
- Little or no change nationally: 5%

Last 5 years
2014–19

- Little or no change regionally: 4%
- Little or no change nationally: 3%

Data source: 35,786 and 19,892 gardens surveyed nationwide for 2009–19 and 2014–19 respectively.
NORTHLAND | Bellbird | Korimako

How have garden bird counts changed in this region?

Last 10 years 2009–19

- LITTLE OR NO CHANGE REGIONALLY
- SHALLOW INCREASE NATIONALLY

Last 5 years 2014–19

- LITTLE OR NO CHANGE REGIONALLY
- SHALLOW INCREASE NATIONALLY

NORTHLAND | 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

NORTHLAND | 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

-12%
-17%
0%

Last 5 years 2014–19

- LITTLE OR NO CHANGE REGIONALLY
- LITTLE OR NO CHANGE NATIONALLY

-3%
-1%
-8%

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

NORTHLAND | Starling | Tāringi
How have garden bird counts changed in this region?

Last 10 years
2009–19

-26% SHALLOW DECLINE REGIONALLY

-4% MODERATE DECLINE NATIONALLY

Last 5 years
2014–19

-12% LITTLE OR NO CHANGE REGIONALLY

-1% SHALLOW DECLINE NATIONALLY

Data source: 35,786 and 19,912 gardens surveyed nationwide for 2009–19 and 2014–19 respectively.
NORTHLAND | Song thrush
How have garden bird counts changed in this region?

Last 10 years 2009–19

- Shallow decline regionally
  -10%
  -13%
  -11%

SHALLOW DECLINE NATIONALLY

Last 5 years 2014–19

- Little or no change regionally
  -2%
  0%
  -3%

LITTLE OR NO CHANGE NATIONALLY

NORTHLAND | Chaffinch | Pahirini
How have garden bird counts changed in this region?

Last 10 years
2009–19

-13% SHALLOW DECLINE REGIONALLY
-17% -15%

Last 5 years
2014–19

3% LITTLE OR NO CHANGE REGIONALLY
3% -3%

LITTLE OR NO CHANGE NATIONALLY

SHALLOW INCREASE NATIONALLY

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

NORTHLAND | 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

- MODERATE DECLINE REGIONALLY
- SHALLOW DECLINE NATIONALLY

NORTHLAND | Silveryeye | Tauhou

How have garden bird counts changed in this region?

Last 10 years
2009–19

- MODERATE DECLINE REGIONALLY
  -26%
  -25%
  -30%

- MODERATE DECLINE NATIONALLY

Last 5 years
2014–19

- SHALLOW INCREASE REGIONALLY
  18%
  9%

- LITTLE OR NO CHANGE NATIONALLY

Data source: 35,786 and 19,972 gardens surveyed nationwide for 2009–19 and 2014–19 respectively.
NORTHLAND | Dunnock
How have garden bird counts changed in this region?

Last 10 years 2009–19
- MODERATE DECLINE REGIONALLY
- LITTLE OR NO CHANGE NATIONALLY

Last 5 years 2014–19
- SHALLOW DECLINE REGIONALLY
- MODERATE DECLINE NATIONALLY

New Zealand GARDEN BIRD SURVEY

2020
27 June to 5 July

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