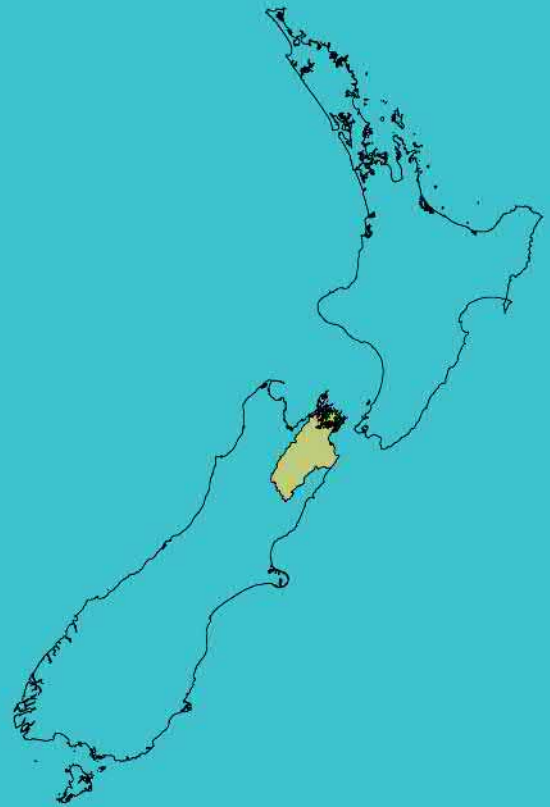




New Zealand

GARDEN BIRD SURVEY



MARLBOROUGH REGION

State of NZ Garden Birds 2017

Te Āhua o ngā Manu o te Kāri i Aotearoa

NUMBER OF SURVEYED GARDENS



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We have estimated how bird counts have changed since 2007 in different regions and towns across New Zealand for 14 common garden visitors – five native and nine introduced birds.

Thanks to all our volunteer bird counters, 31,679 garden surveys have been completed nationwide since 2007. We use specialised statistical tools to account for variation in sampling effort between regions, towns 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

Counts decline

Counts increase

50% or more

25% or more

10% or more

Over 10%

Over 50%

Over 100%

RAPID DECLINE

MODERATE DECLINE

SHALLOW DECLINE

NO OR LITTLE CHANGE

SHALLOW INCREASE

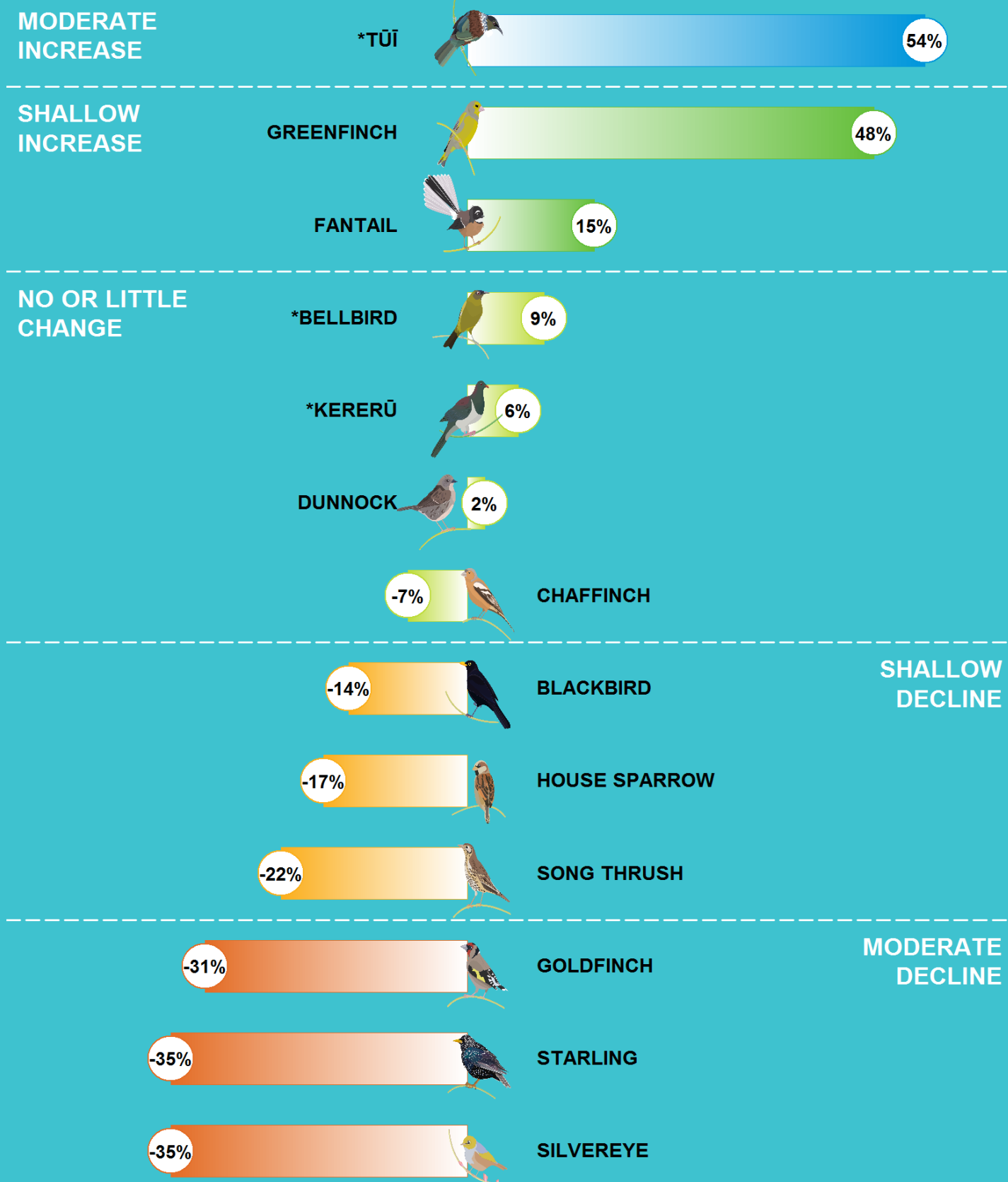
MODERATE INCREASE

RAPID INCREASE

How have bird counts changed?



MARLBOROUGH REGION | 2007-2017

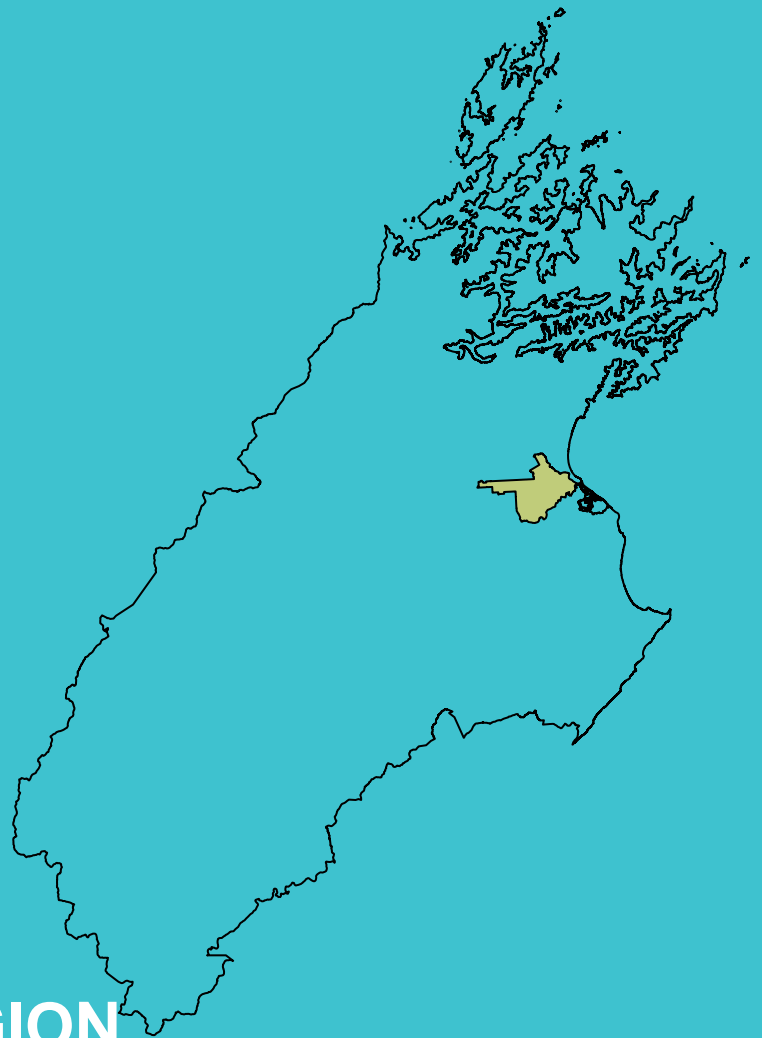


Data source: 31,679 garden surveys nationwide between 2007 and 2017.
This includes 699 garden surveys in this specific area.

* Based on available data, evidence for these species' estimates is weak.



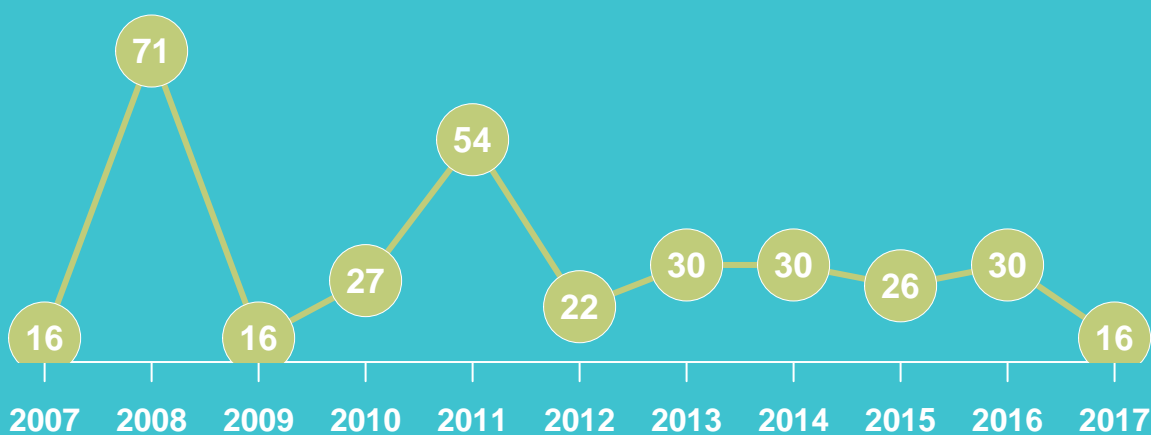
New Zealand
**GARDEN
BIRD
SURVEY**



MARLBOROUGH REGION

BLLENHEIM

NUMBER OF SURVEYED GARDENS

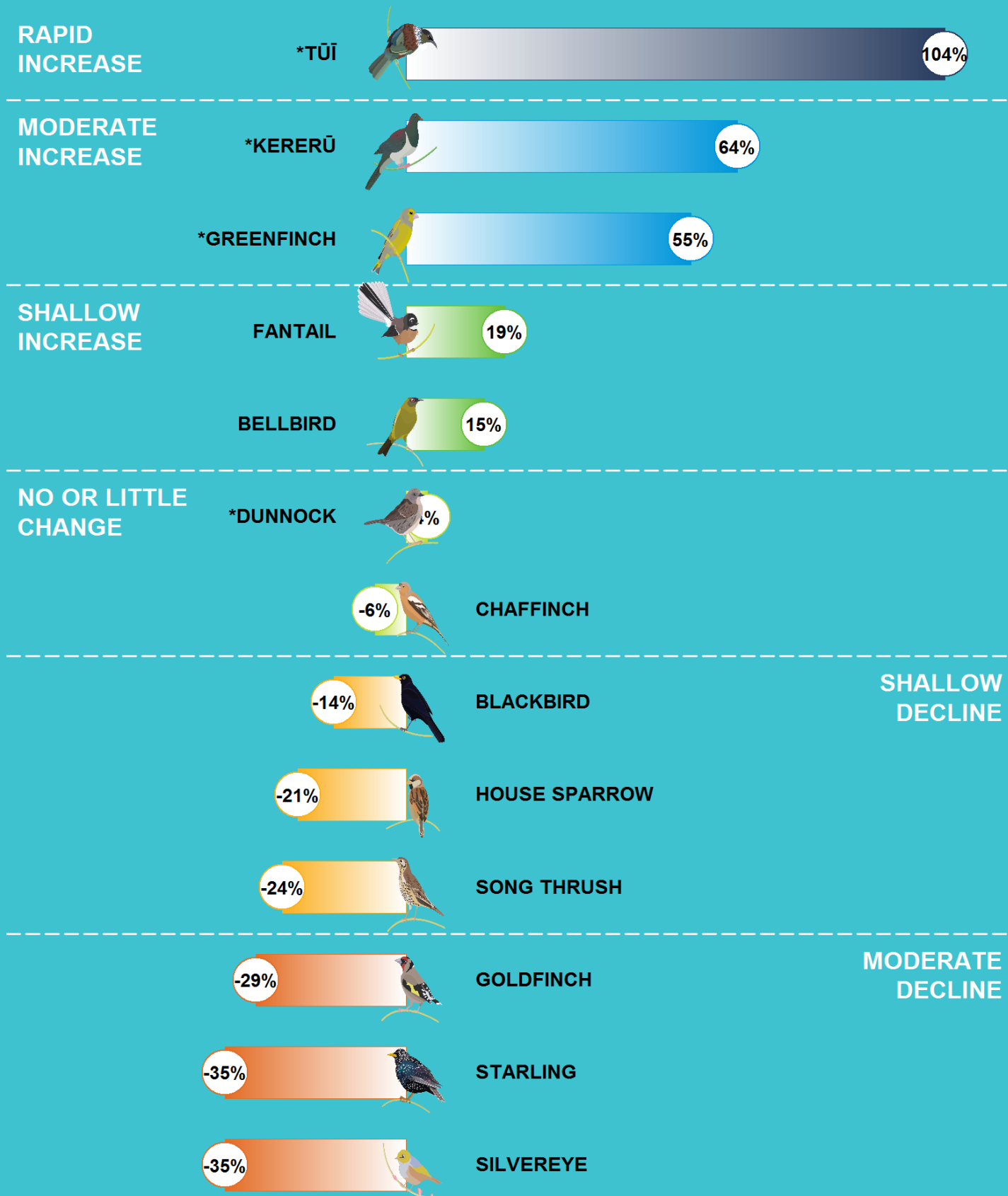


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How have bird counts changed?

MARLBOROUGH REGION | 2007-2017

Blenheim

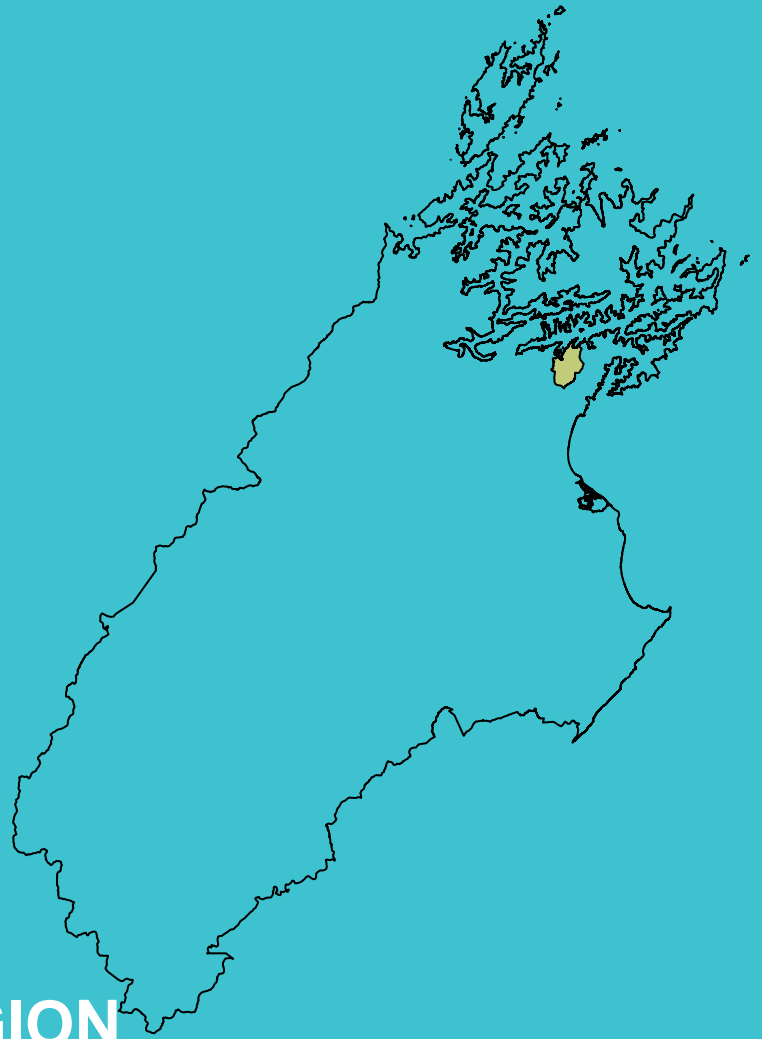


Data source: 31,679 garden surveys nationwide between 2007 and 2017.
This includes 338 garden surveys in this specific area.

* Based on available data, evidence for these species' estimates is weak.



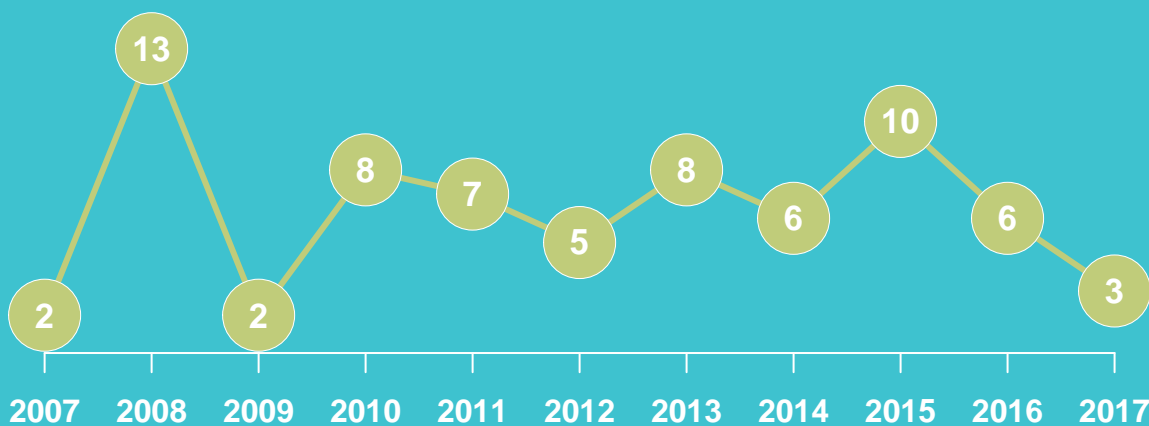
New Zealand
**GARDEN
BIRD
SURVEY**



MARLBOROUGH REGION

PICTON

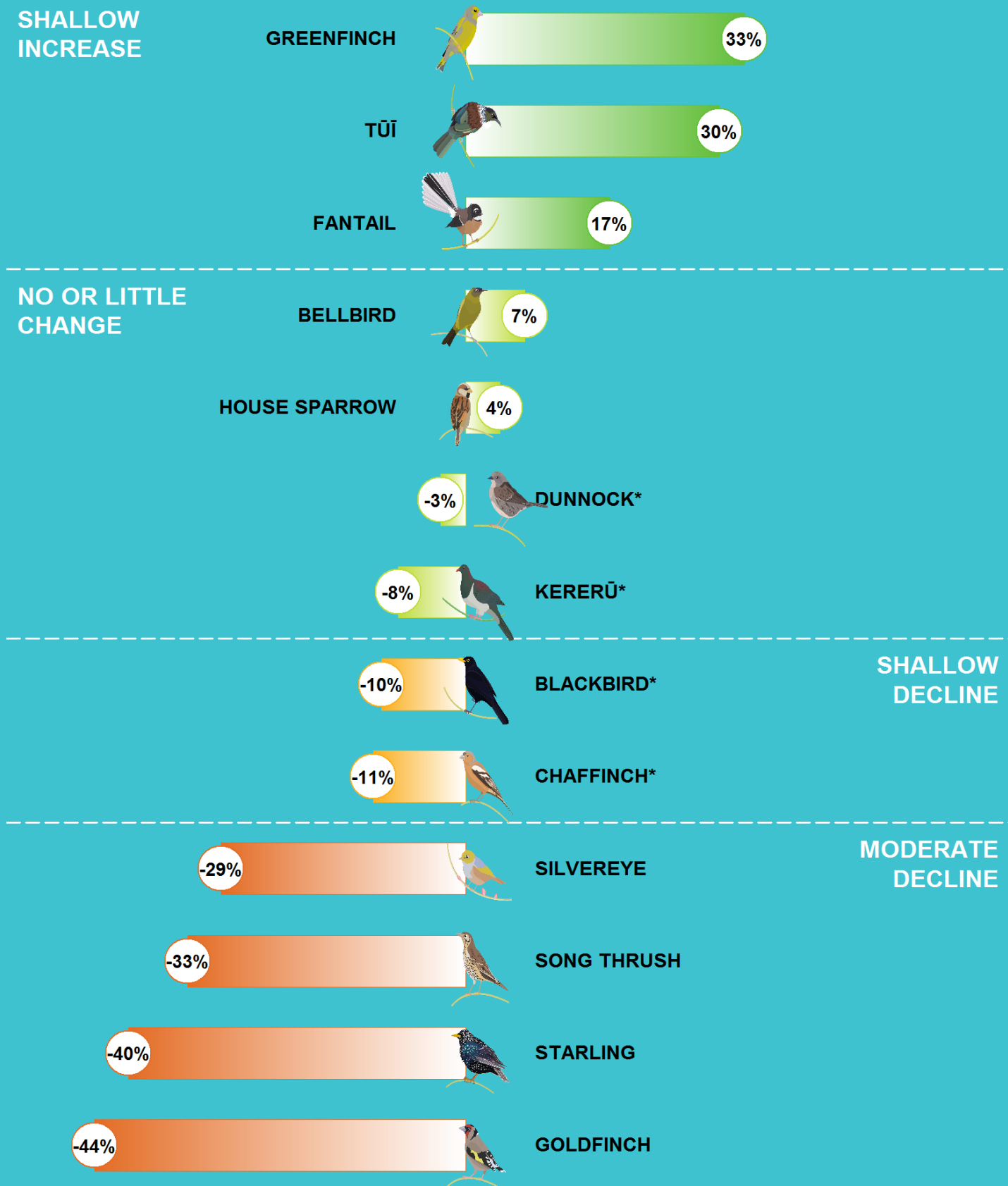
NUMBER OF SURVEYED GARDENS



How have bird counts changed?

MARLBOROUGH REGION | 2007-2017

Picton

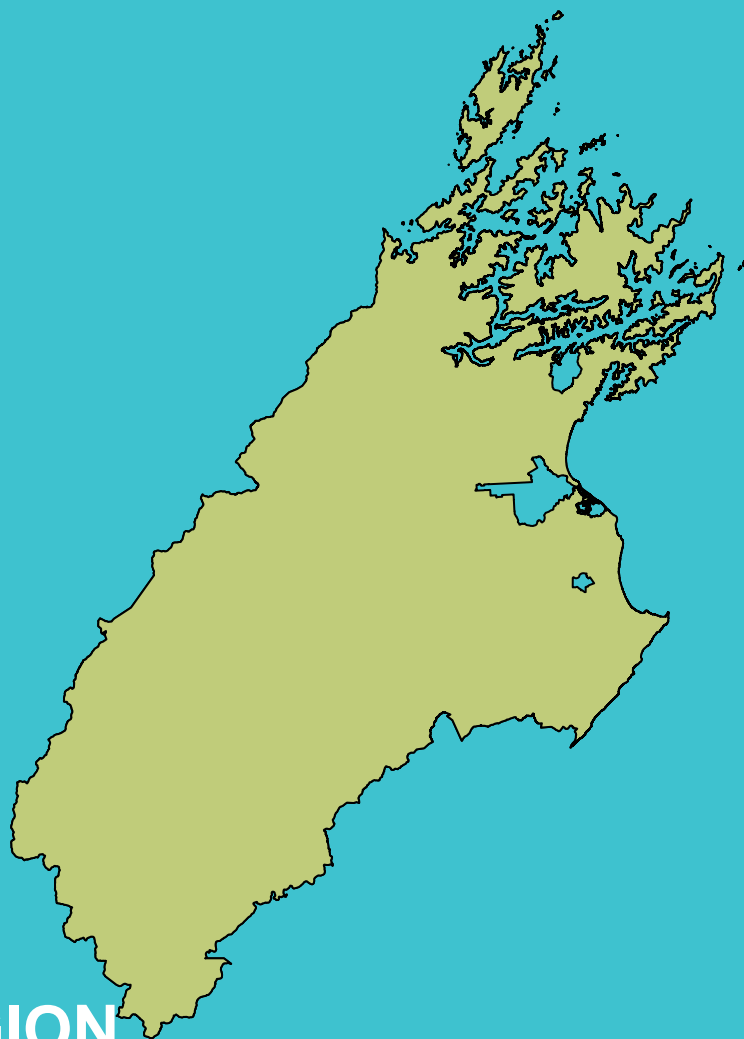


Data source: 31,679 garden surveys nationwide between 2007 and 2017.
This includes 70 garden surveys in this specific area.

* Based on available data, evidence for these species' estimates is weak.

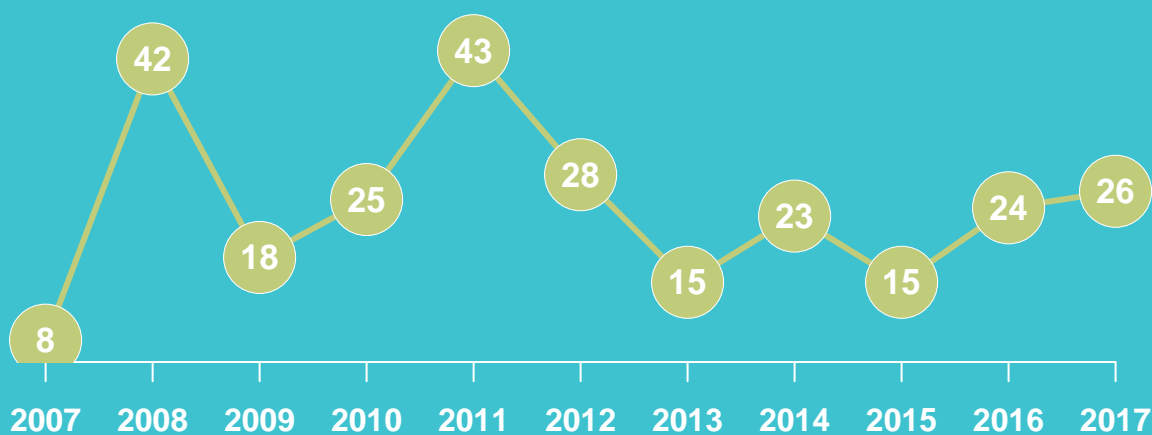


New Zealand
**GARDEN
BIRD
SURVEY**



MARLBOROUGH REGION RURAL (INCL.SOME OFF SHORE ISLANDS)

NUMBER OF SURVEYED GARDENS

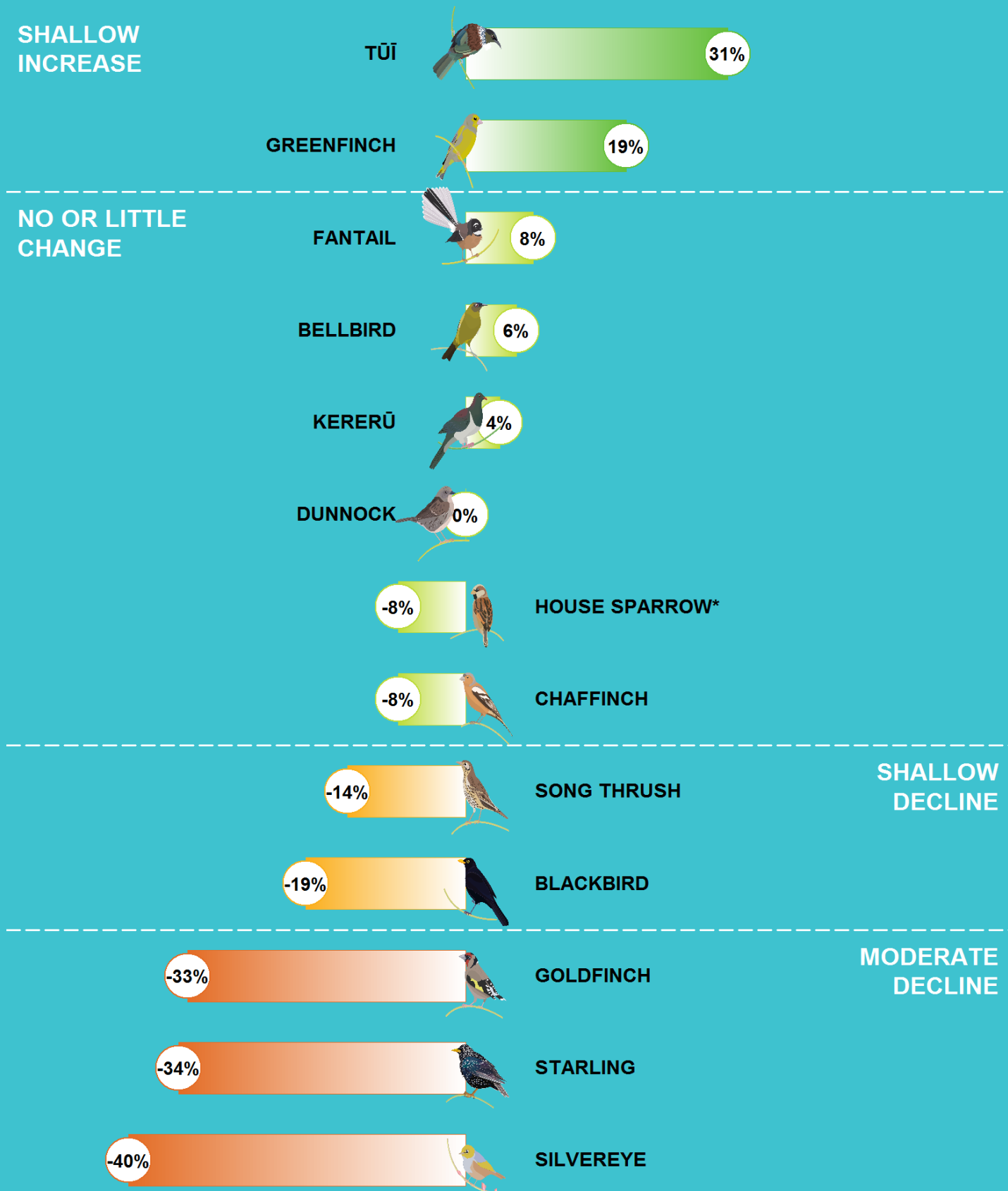


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How have bird counts changed?

MARLBOROUGH REGION | 2007-2017

Rural (Incl.some Off Shore Islands)

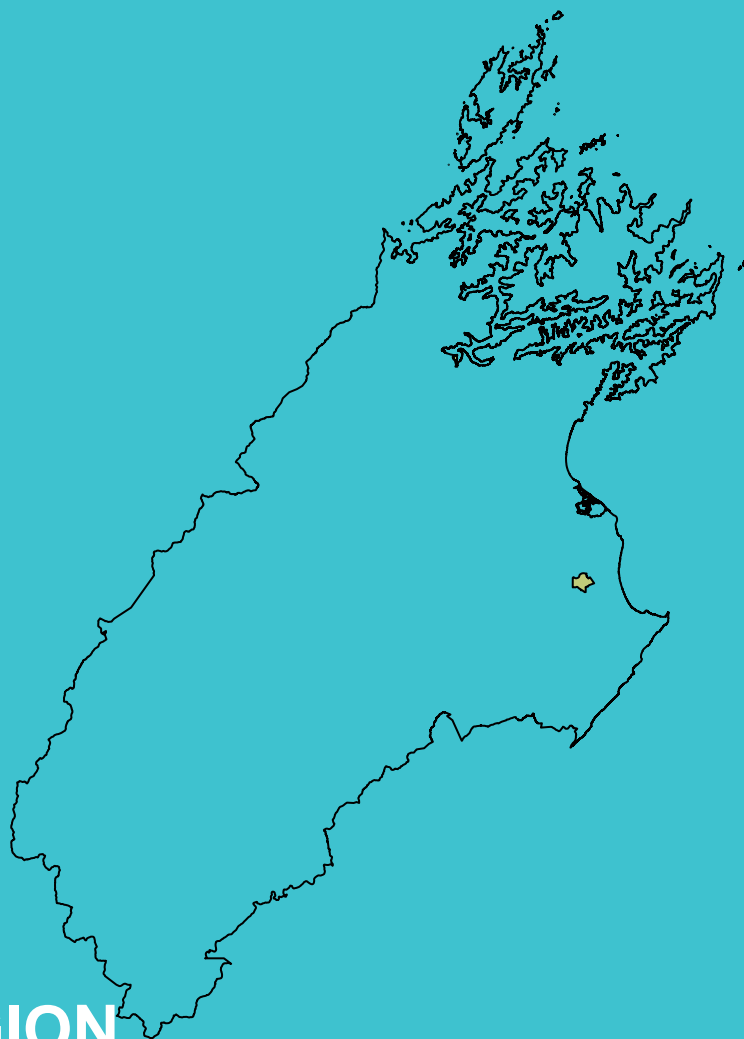


Data source: 31,679 garden surveys nationwide between 2007 and 2017.
This includes 267 garden surveys in this specific area.

* Based on available data, evidence for these species' estimates is weak.



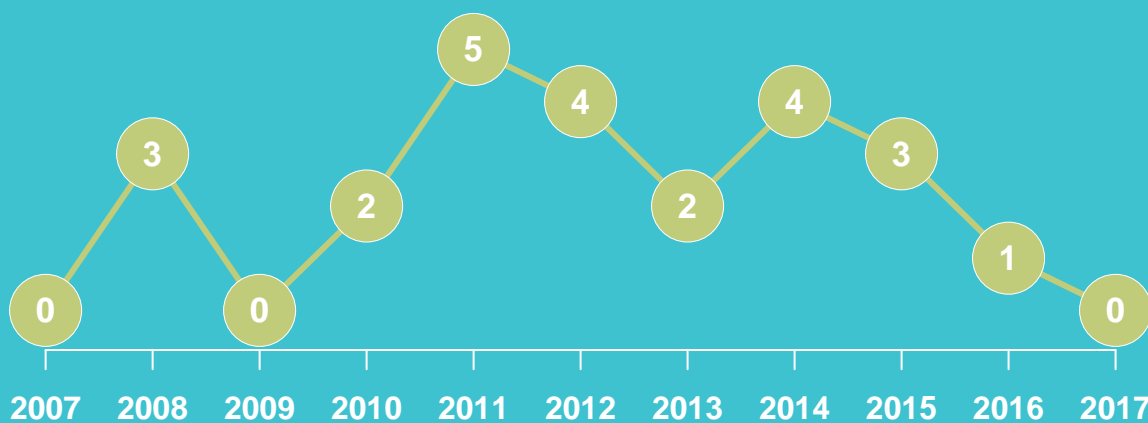
New Zealand
**GARDEN
BIRD
SURVEY**



MARLBOROUGH REGION

RURAL CENTRE

NUMBER OF SURVEYED GARDENS

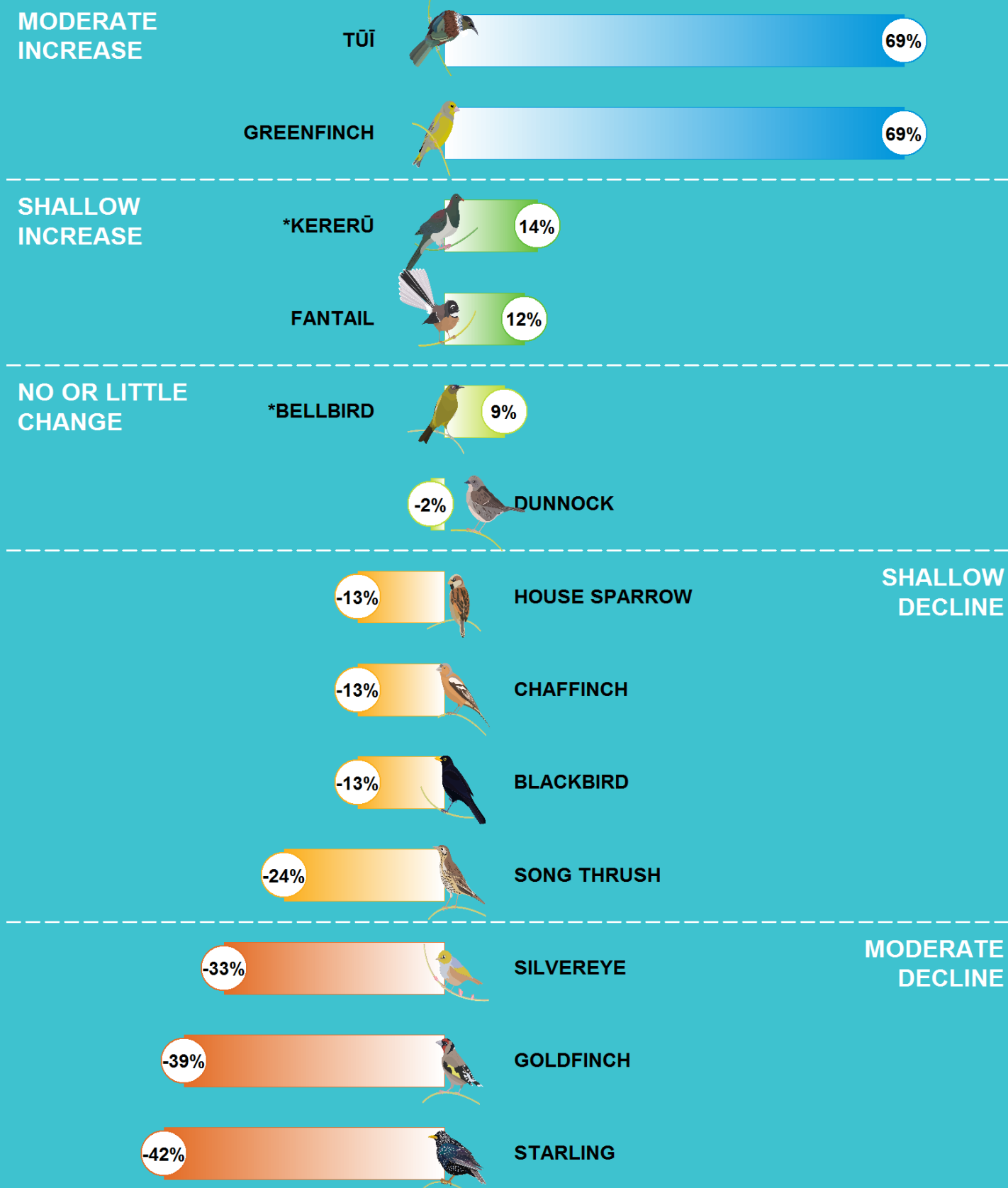


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How have bird counts changed?

MARLBOROUGH REGION | 2007-2017

Rural Centre



Data source: 31,679 garden surveys nationwide between 2007 and 2017.
This includes 24 garden surveys in this specific area.

* Based on available data, evidence for these species' estimates is weak.



New Zealand

**GARDEN
BIRD
SURVEY**

2018

30 June to 8 July

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

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