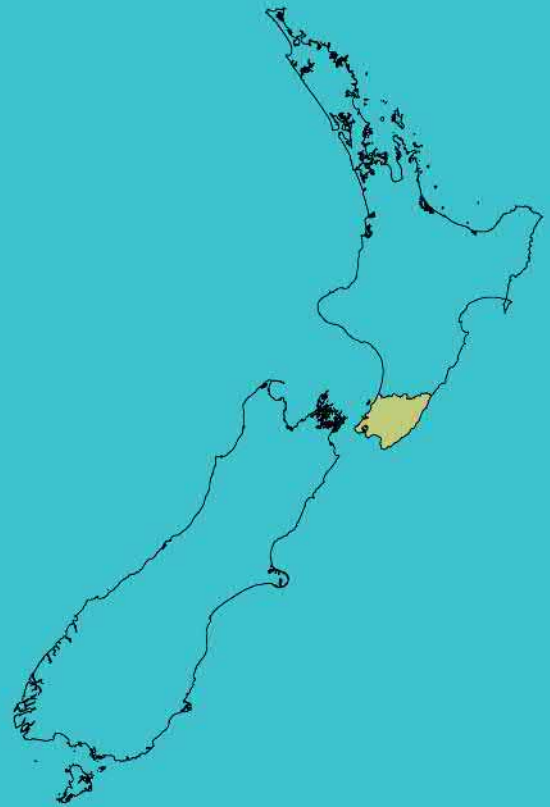




New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

State of NZ Garden Birds

Te Āhua o ngā Manu o te Kāri i Aotearoa

2017

NUMBER OF SURVEYED GARDENS



Manaaki
Whenua
Landcare
Research

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 ←

50% or more

25% or more

10% or more

RAPID DECLINE

MODERATE DECLINE

SHALLOW DECLINE

NO OR LITTLE CHANGE

Counts increase →

Over 10%

Over 50%

Over 100%

SHALLOW INCREASE

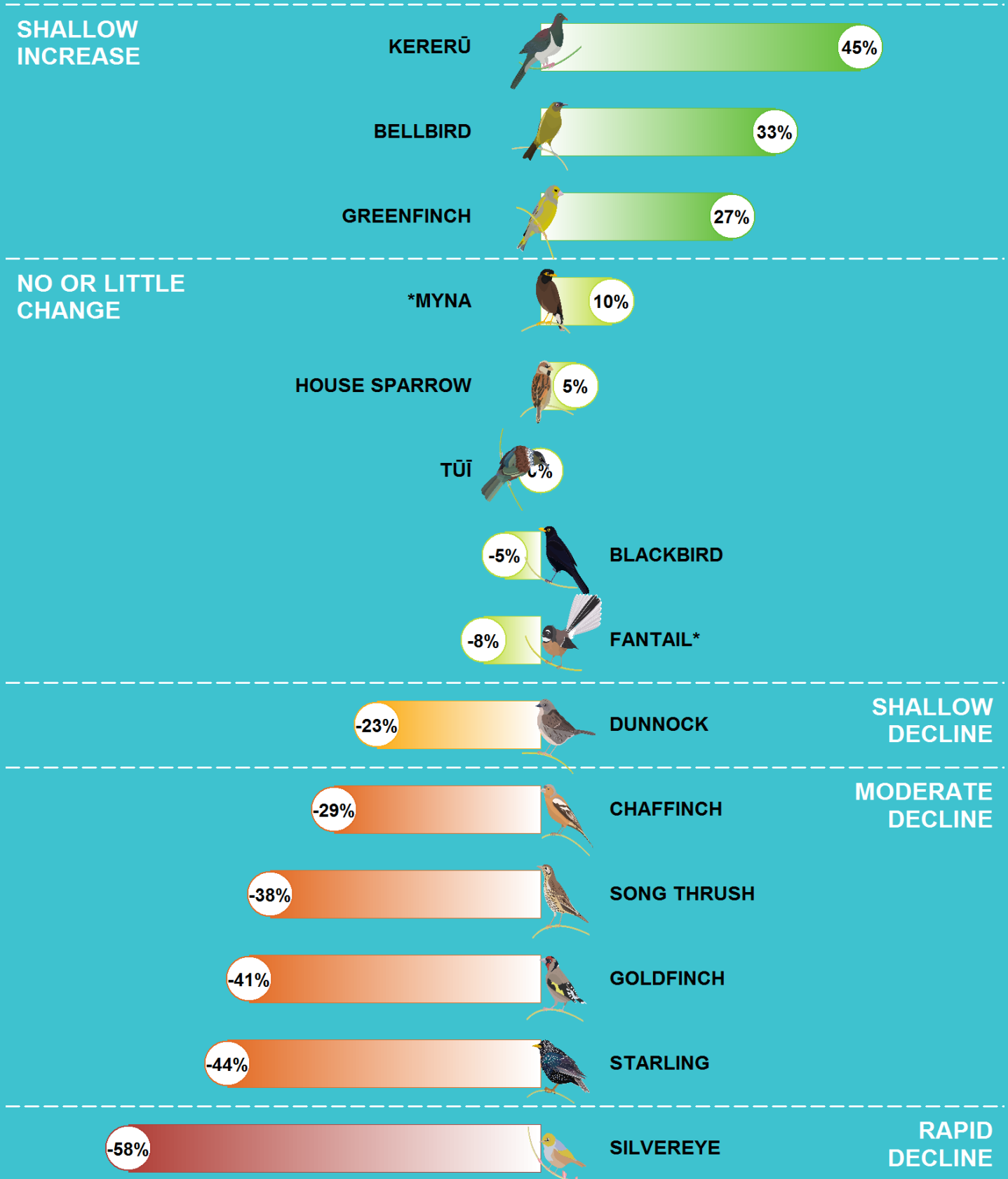
MODERATE INCREASE

RAPID INCREASE

How have bird counts changed?



WELLINGTON REGION | 2007-2017

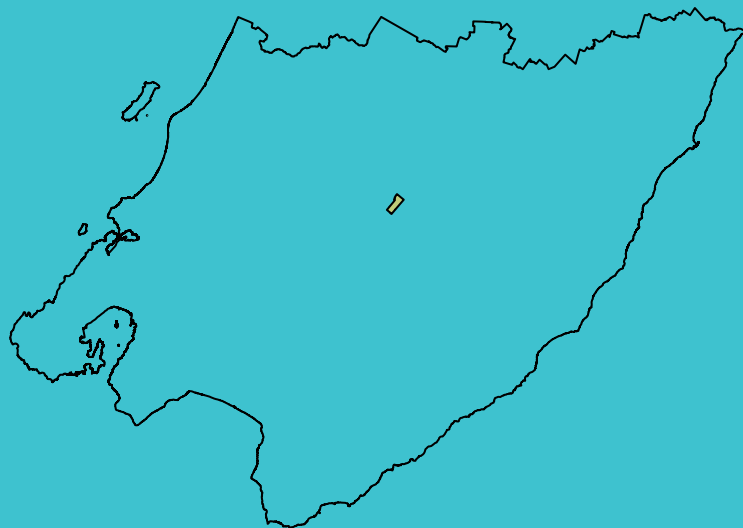


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 5949 garden surveys in this specific area.

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



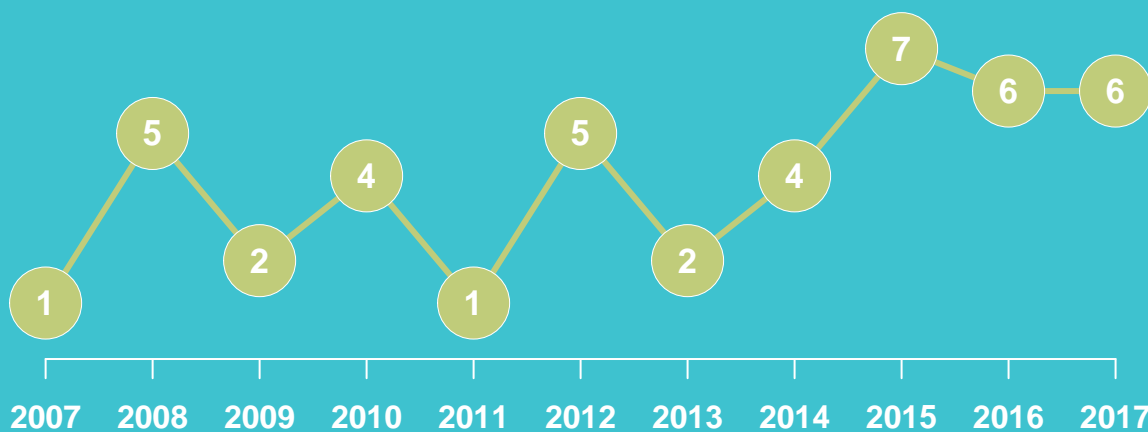
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

CARTERTON

NUMBER OF SURVEYED GARDENS



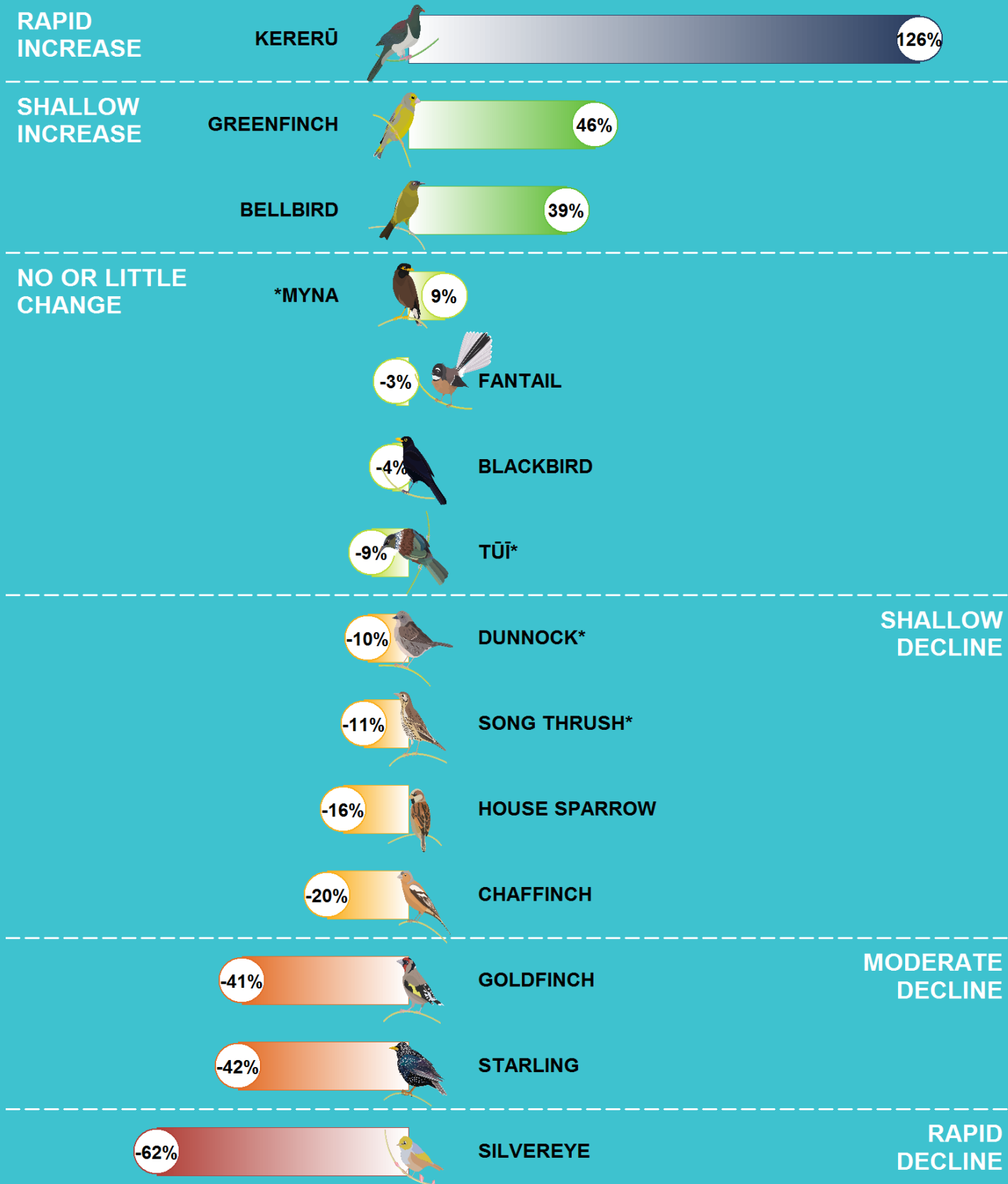
**Manaaki
Whenua**
Landcare
Research

How have bird counts changed?



WELLINGTON REGION | 2007-2017

Carterton

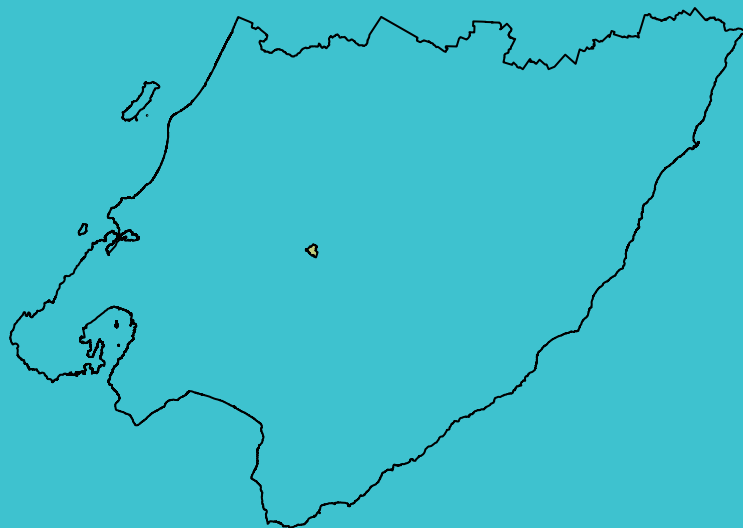


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 43 garden surveys in this specific area.

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



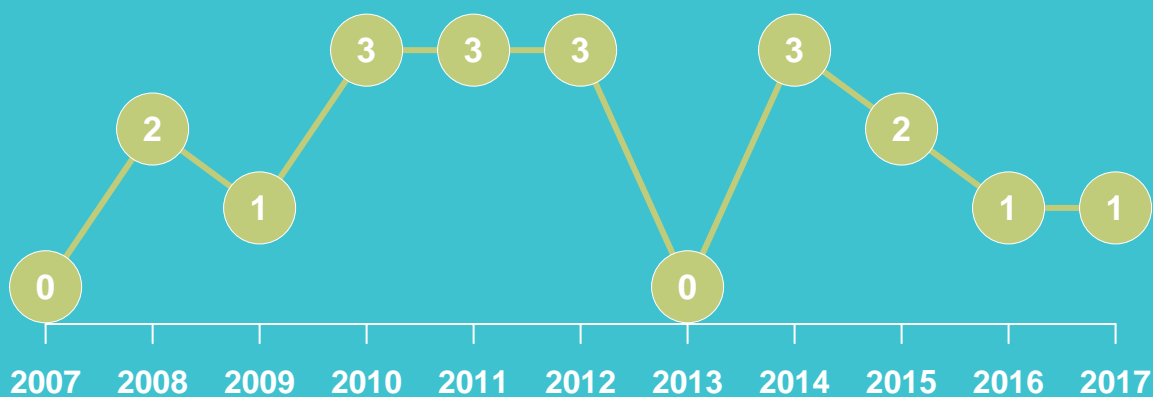
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

FEATHERSTON

NUMBER OF SURVEYED GARDENS



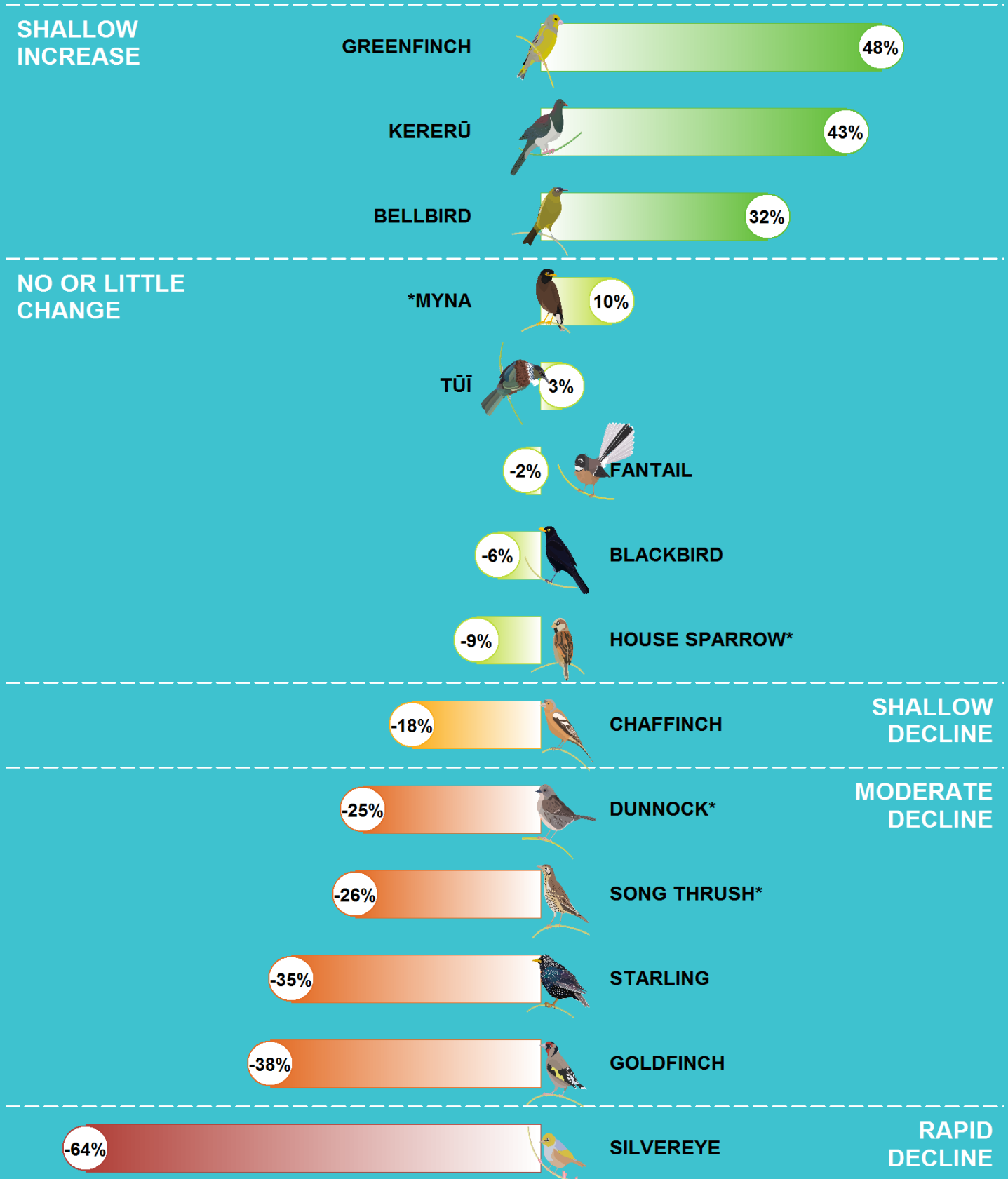
**Manaaki
Whenua**
Landcare
Research

How have bird counts changed?



WELLINGTON REGION | 2007-2017

Featherston



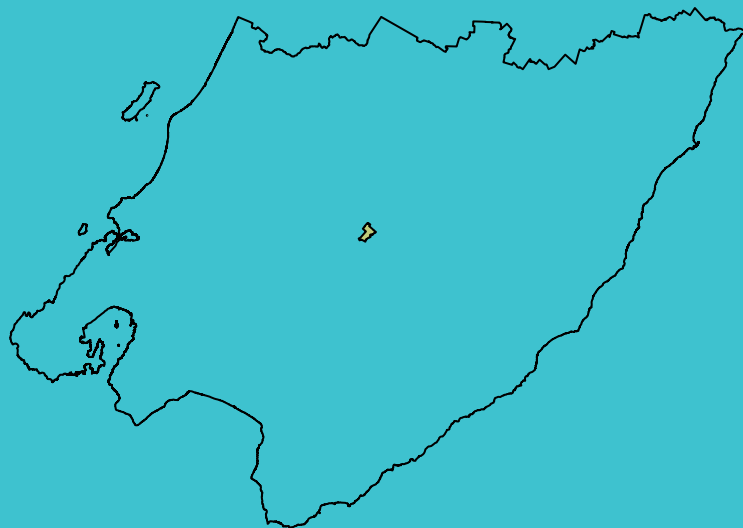
Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 19 garden surveys in this specific area.

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



New Zealand

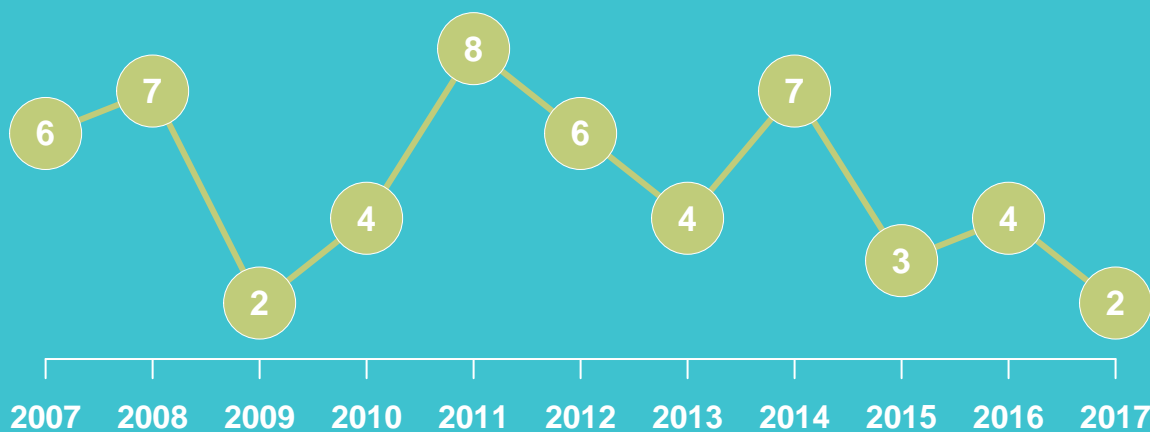
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

GREYTOWN

NUMBER OF SURVEYED GARDENS

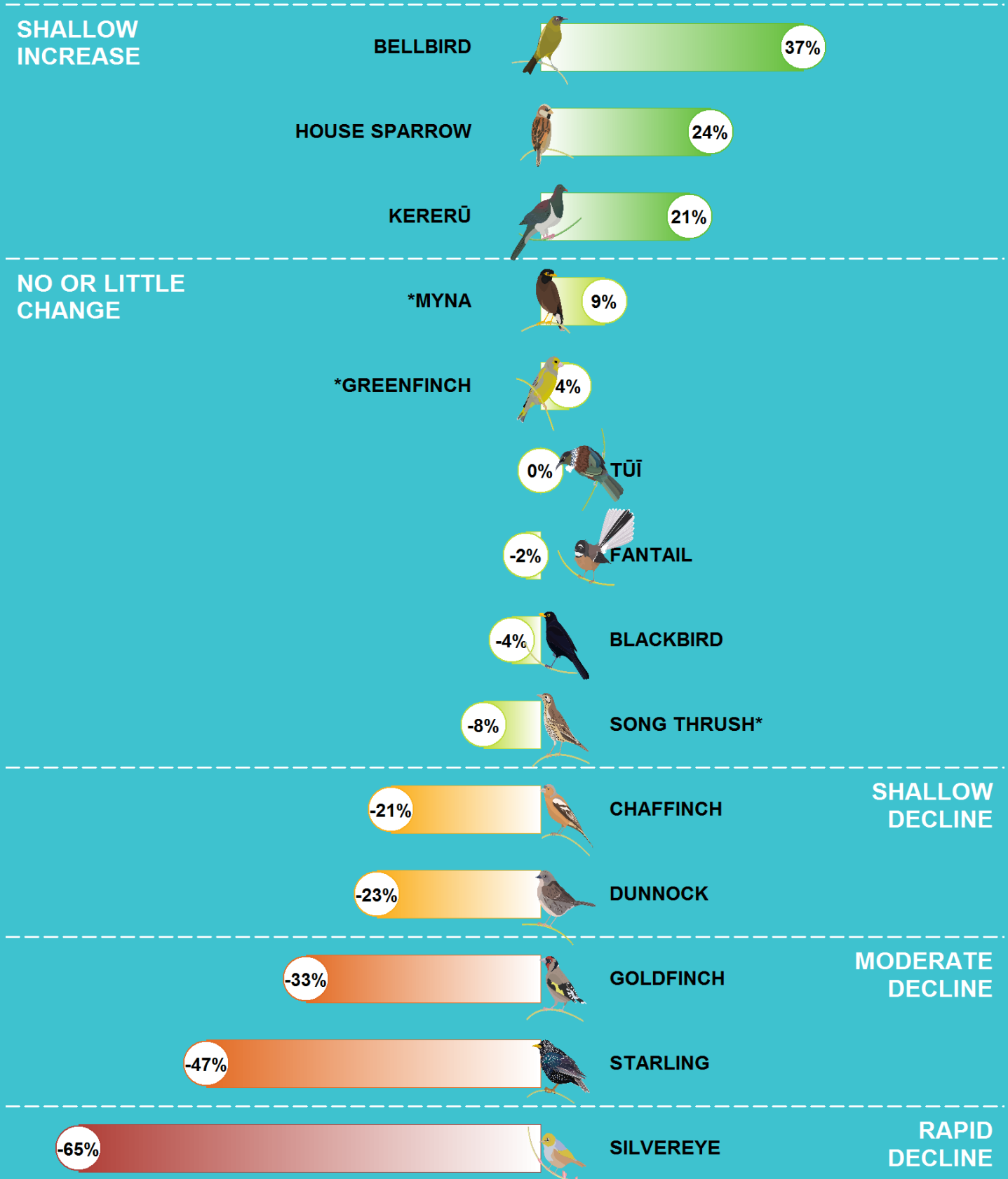


**Manaaki
Whenua**
Landcare
Research

How have bird counts changed?

WELLINGTON REGION | 2007-2017

Greytown

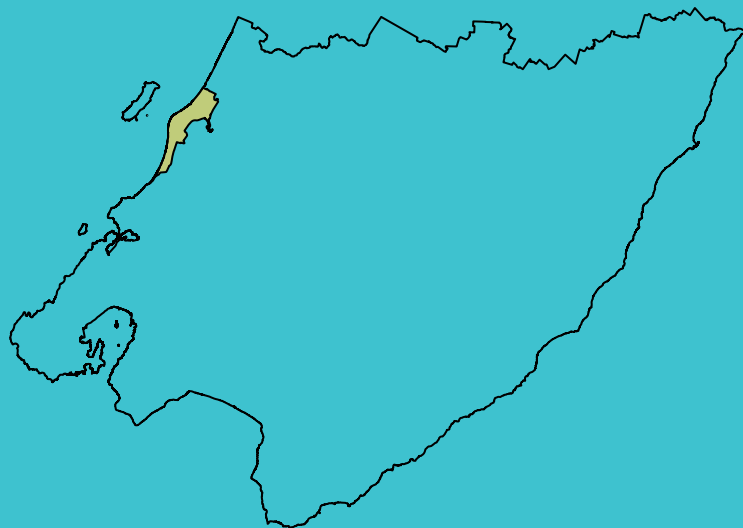


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 53 garden surveys in this specific area.

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



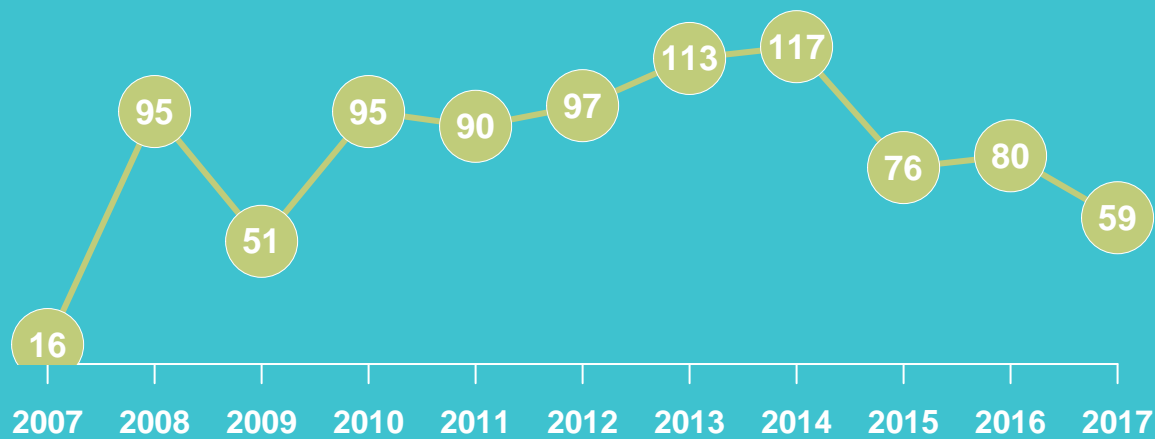
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

KAPITI

NUMBER OF SURVEYED GARDENS



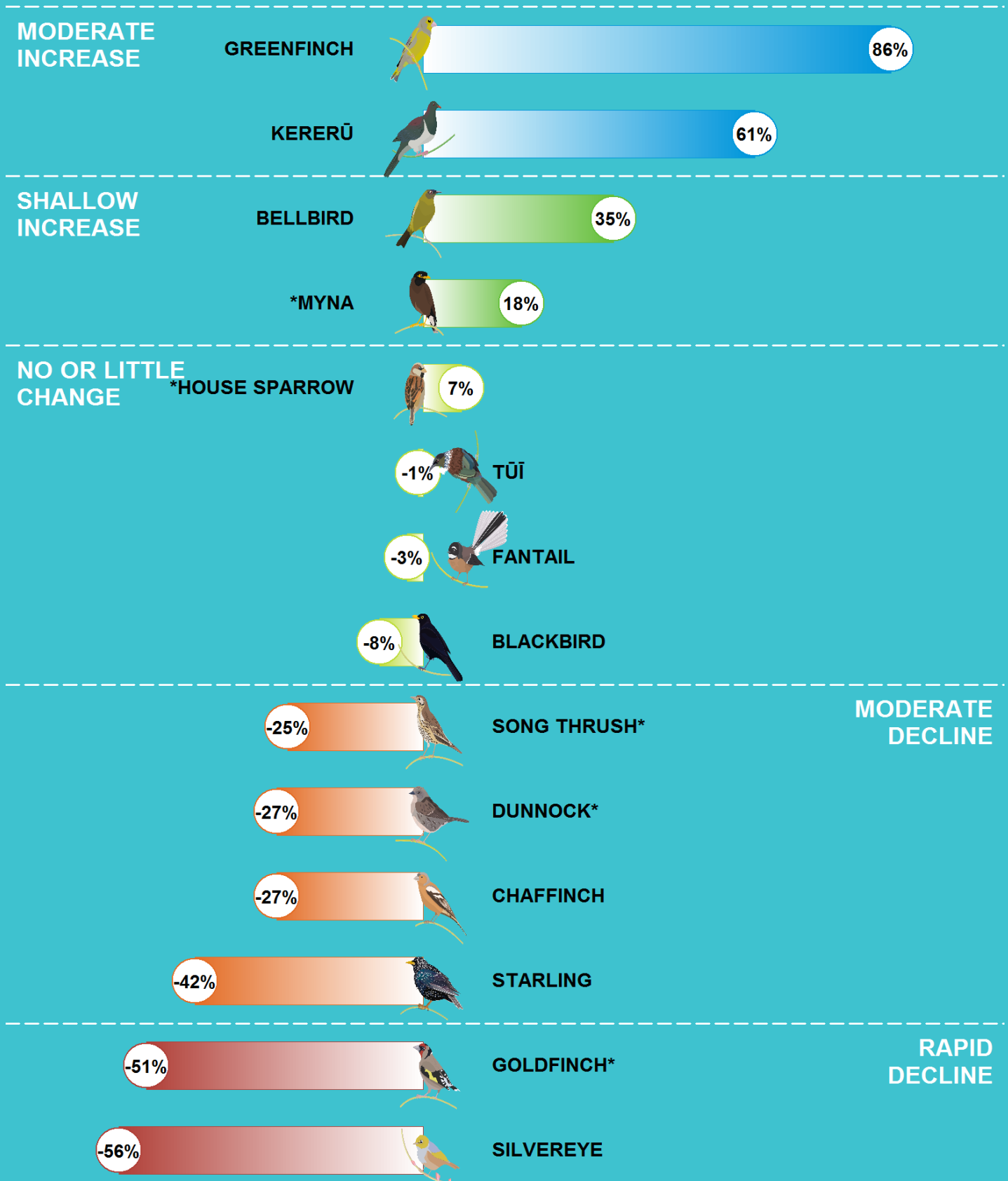
**Manaaki
Whenua**
Landcare
Research

How have bird counts changed?



WELLINGTON REGION | 2007-2017

Kapiti

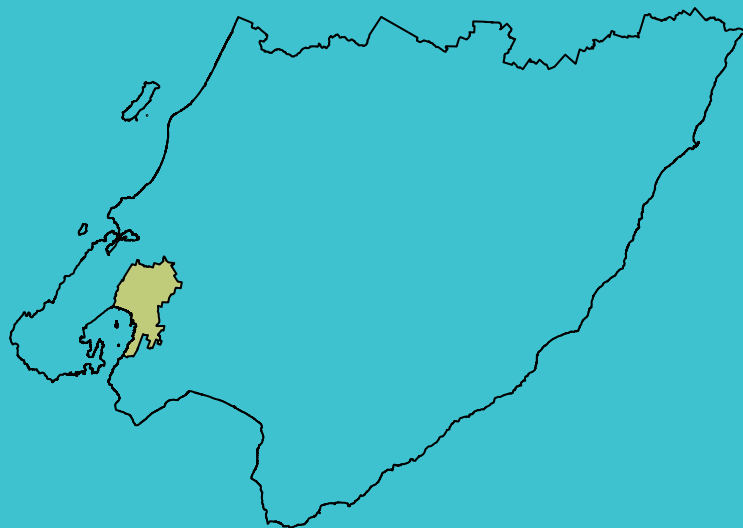


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 889 garden surveys in this specific area.

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



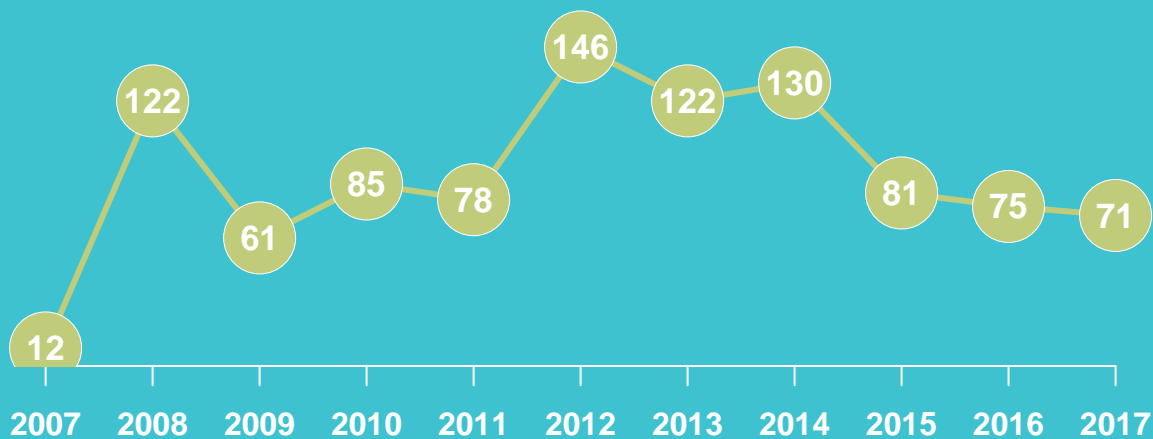
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

LOWER HUTT ZONE

NUMBER OF SURVEYED GARDENS



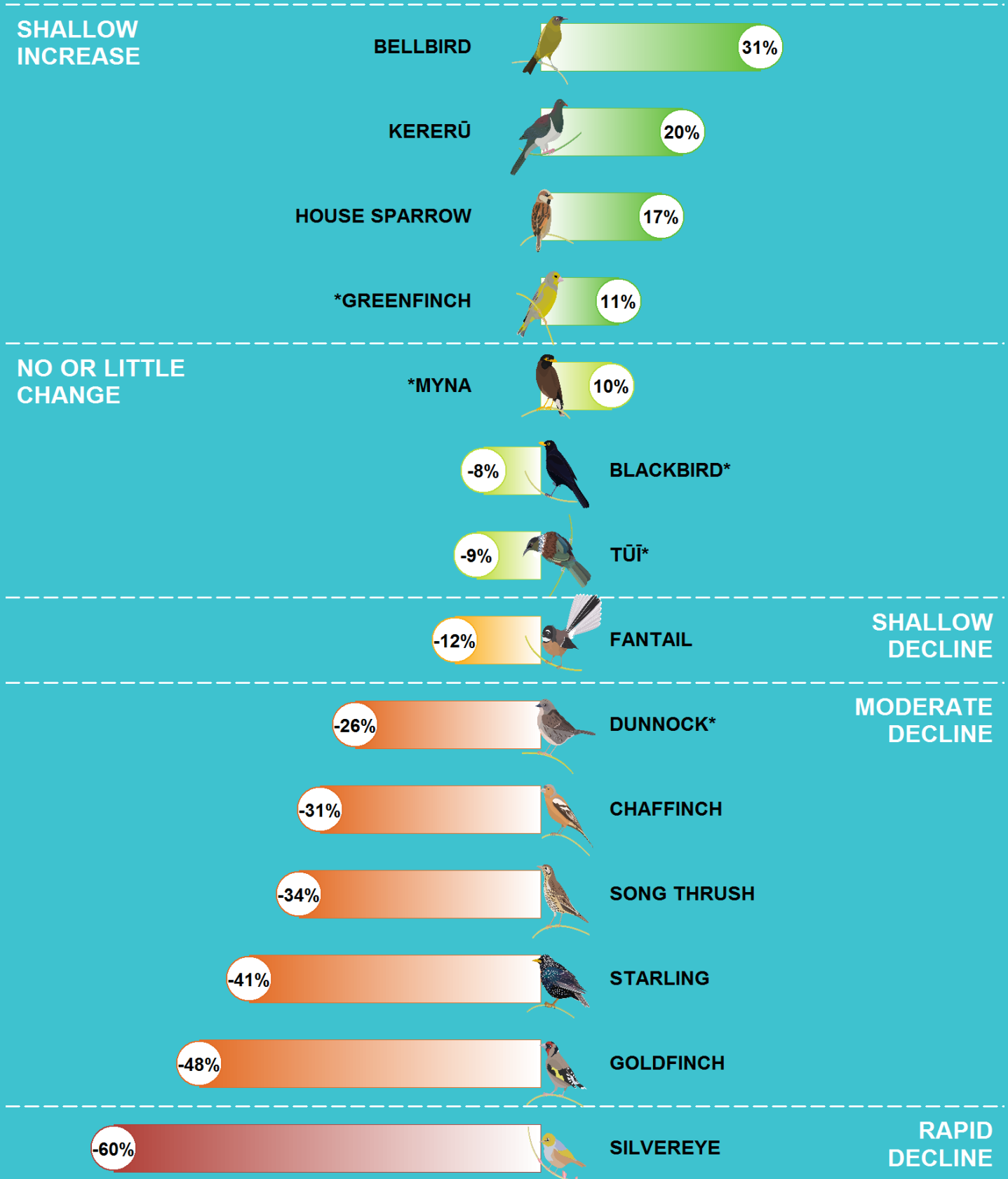
**Manaaki
Whenua**
Landcare
Research

How have bird counts changed?



WELLINGTON REGION | 2007-2017

Lower Hutt Zone

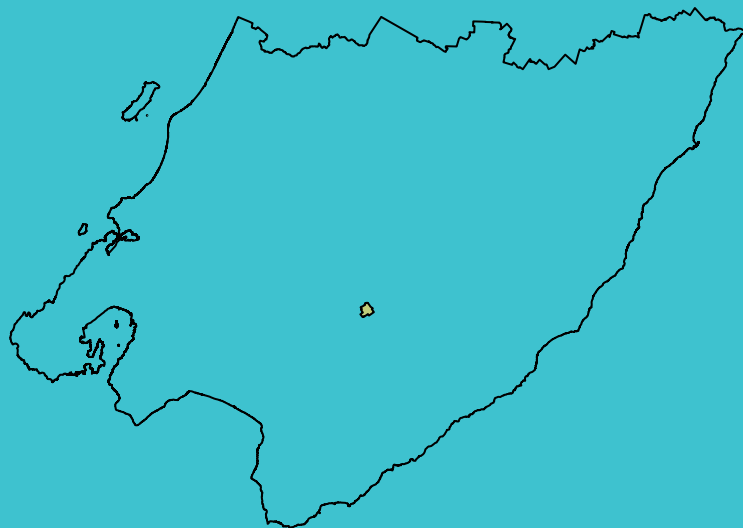


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 983 garden surveys in this specific area.

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



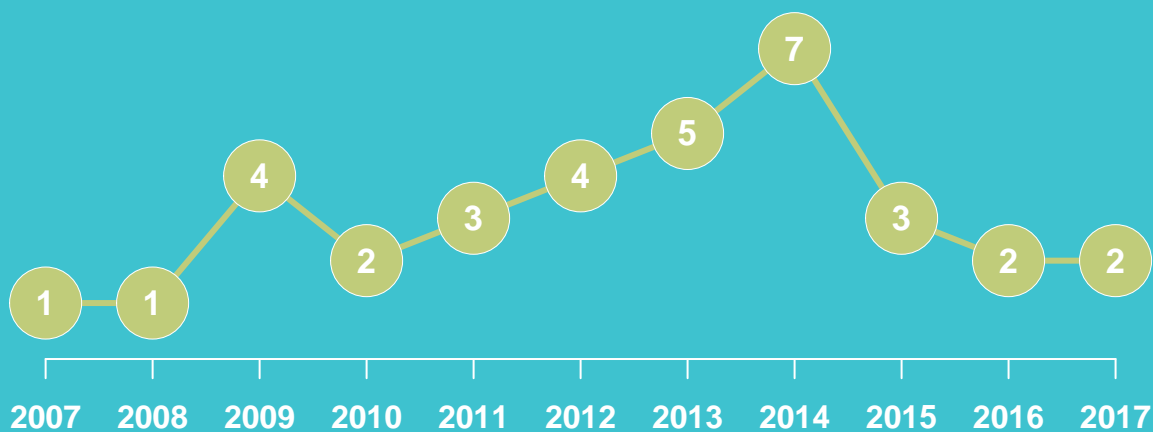
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

MARTINBOROUGH

NUMBER OF SURVEYED GARDENS



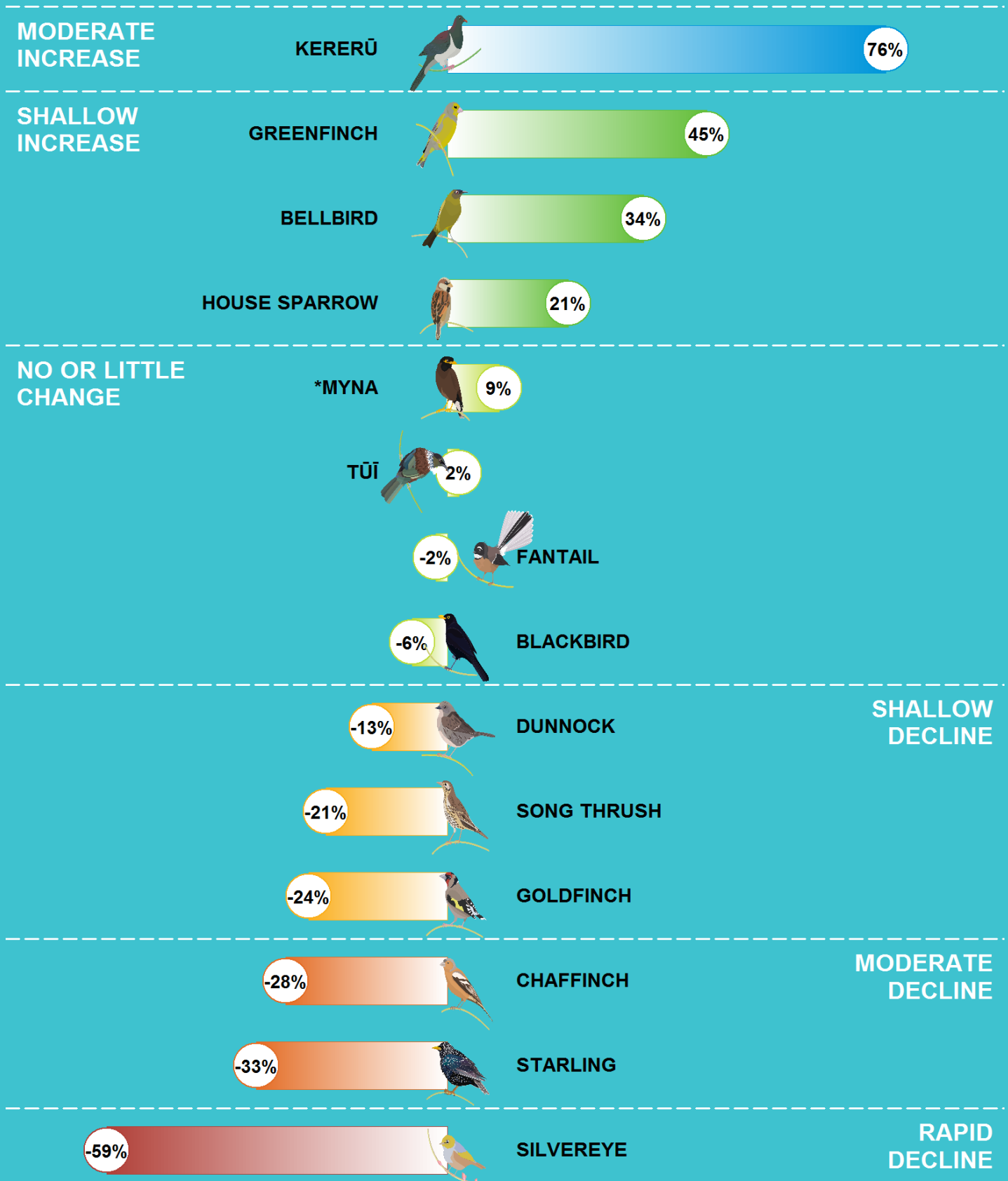
Manaaki
Whenua
Landcare
Research

How have bird counts changed?



WELLINGTON REGION | 2007-2017

Martinborough

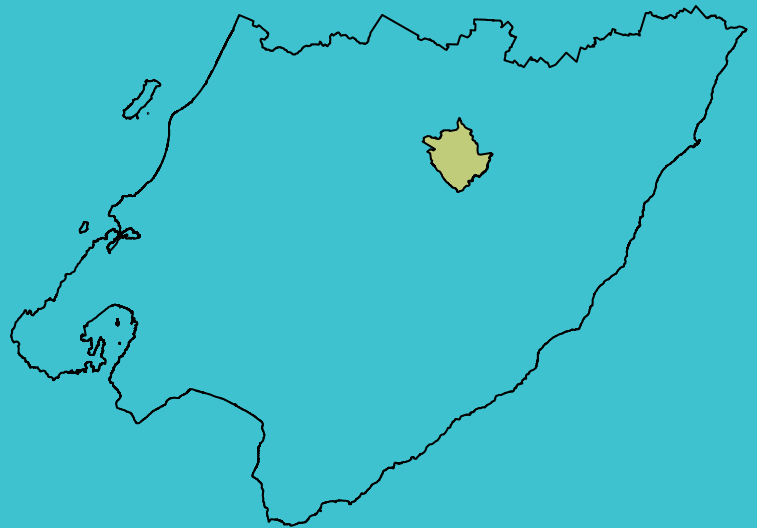


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 34 garden surveys in this specific area.

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



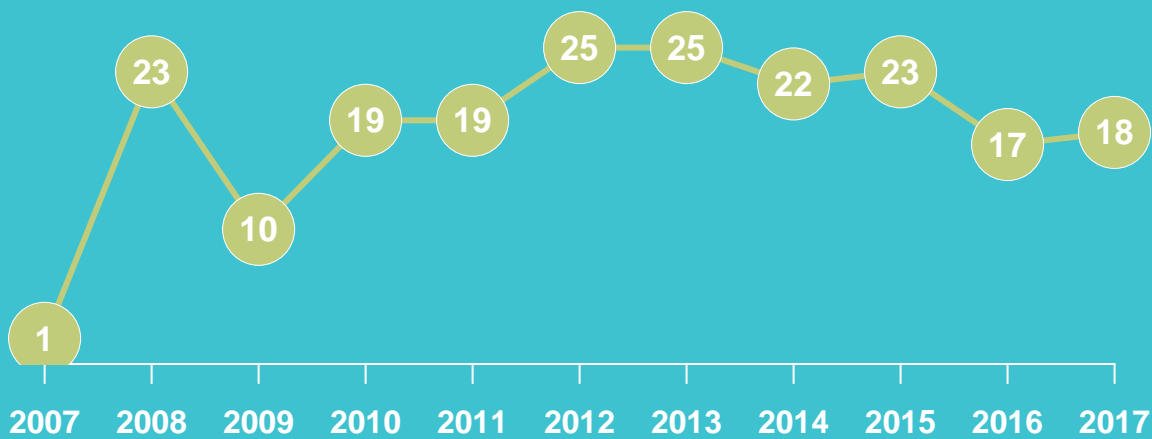
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

MASTERTON

NUMBER OF SURVEYED GARDENS



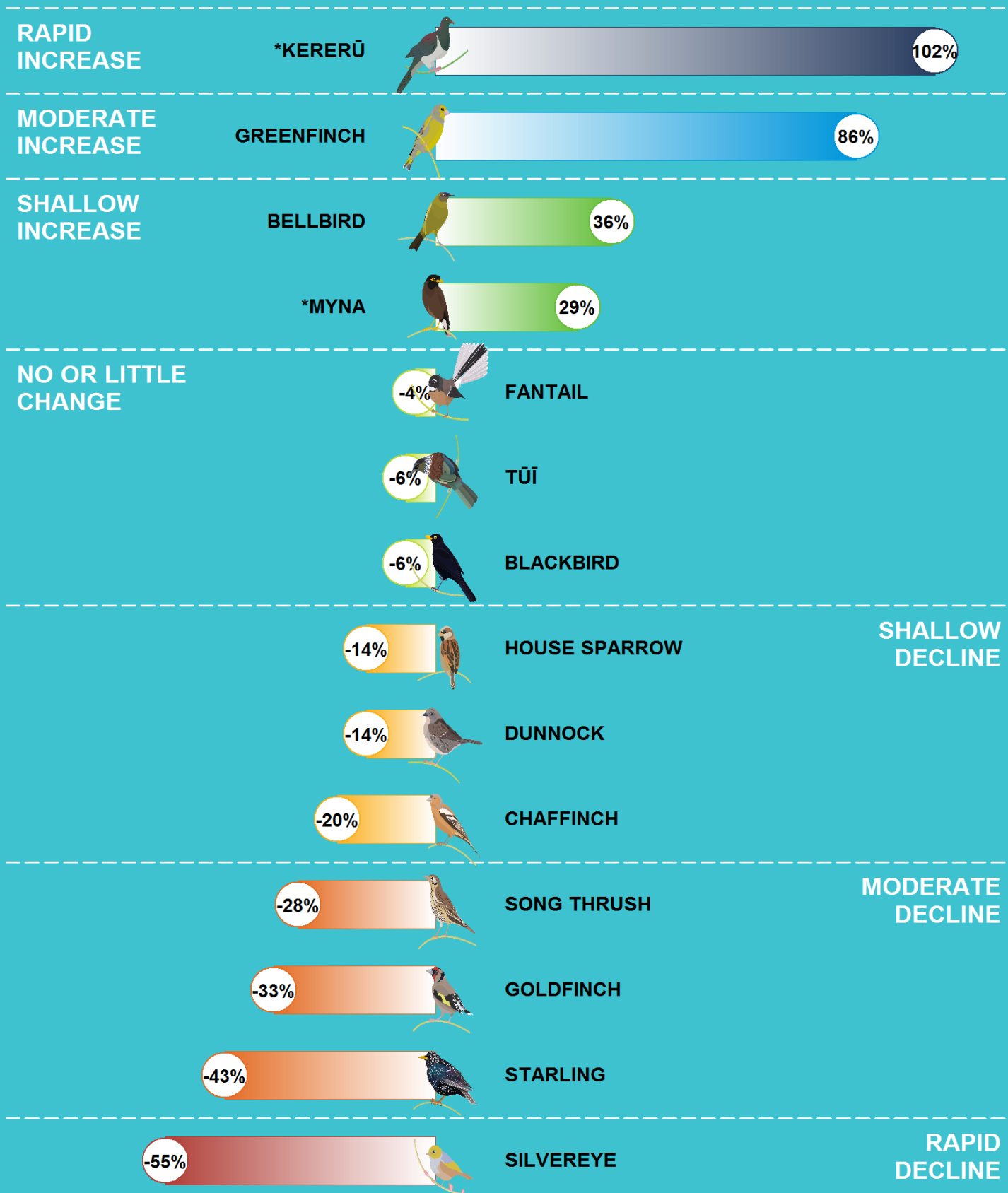
Manaaki
Whenua
Landcare
Research

How have bird counts changed?



WELLINGTON REGION | 2007-2017

Masterton

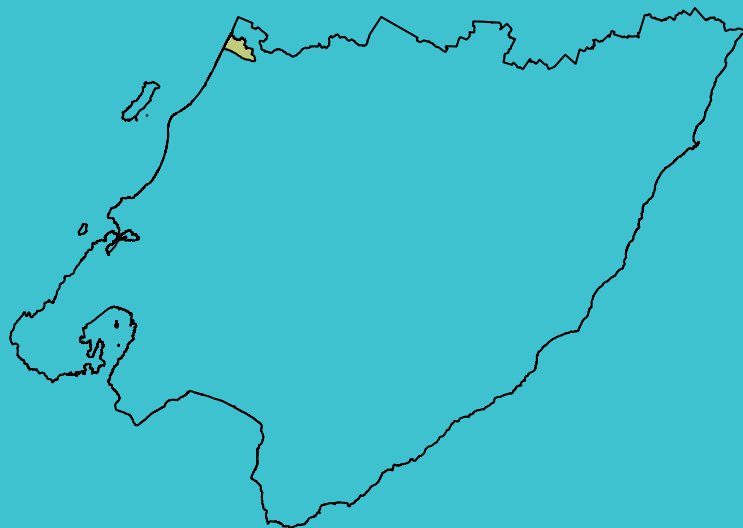


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 202 garden surveys in this specific area.

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



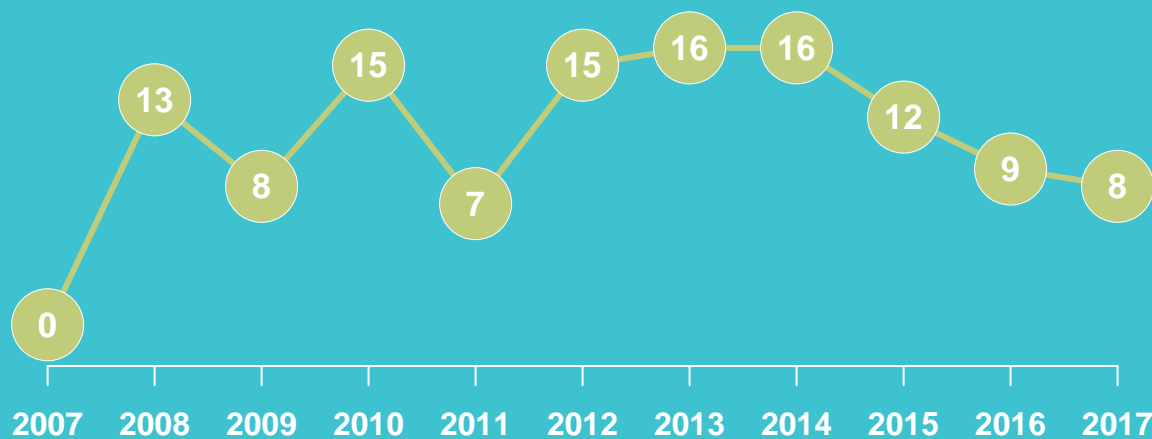
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

OTAKI

NUMBER OF SURVEYED GARDENS



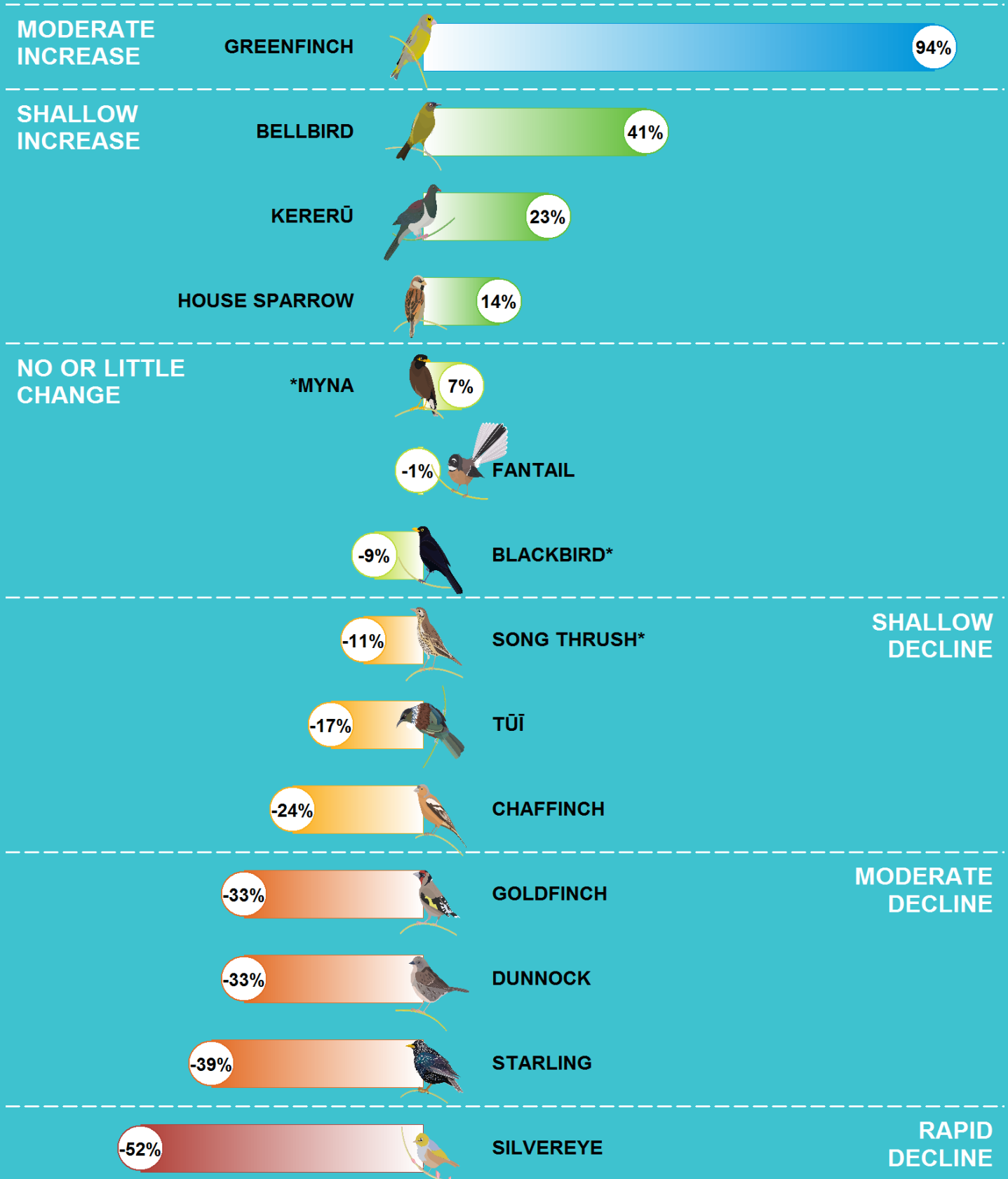
**Manaaki
Whenua**
Landcare
Research

How have bird counts changed?



WELLINGTON REGION | 2007-2017

Otaki

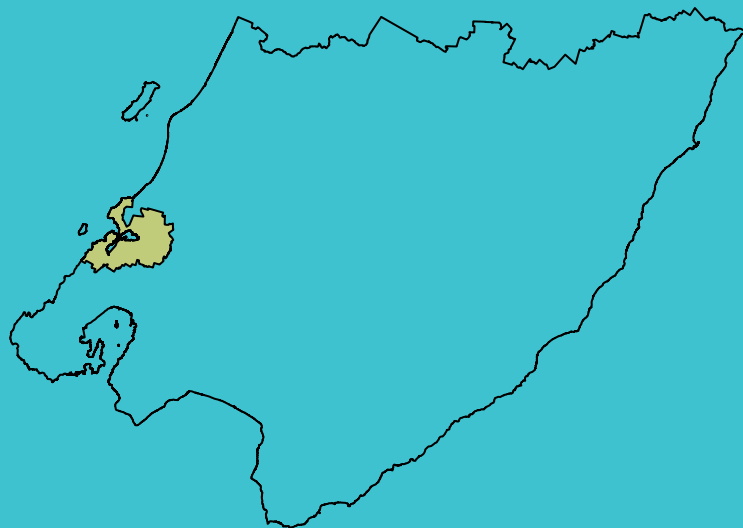


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 119 garden surveys in this specific area.

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



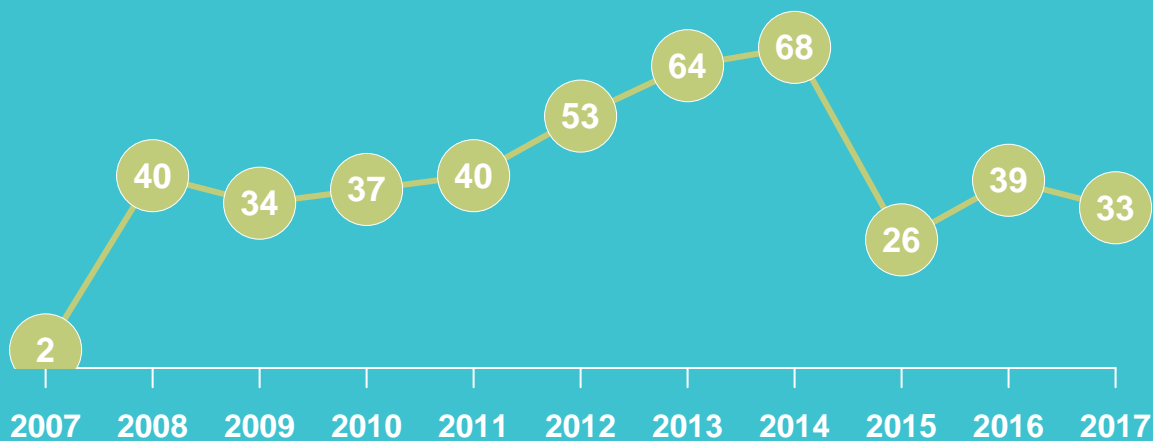
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

PORIRUA ZONE

NUMBER OF SURVEYED GARDENS



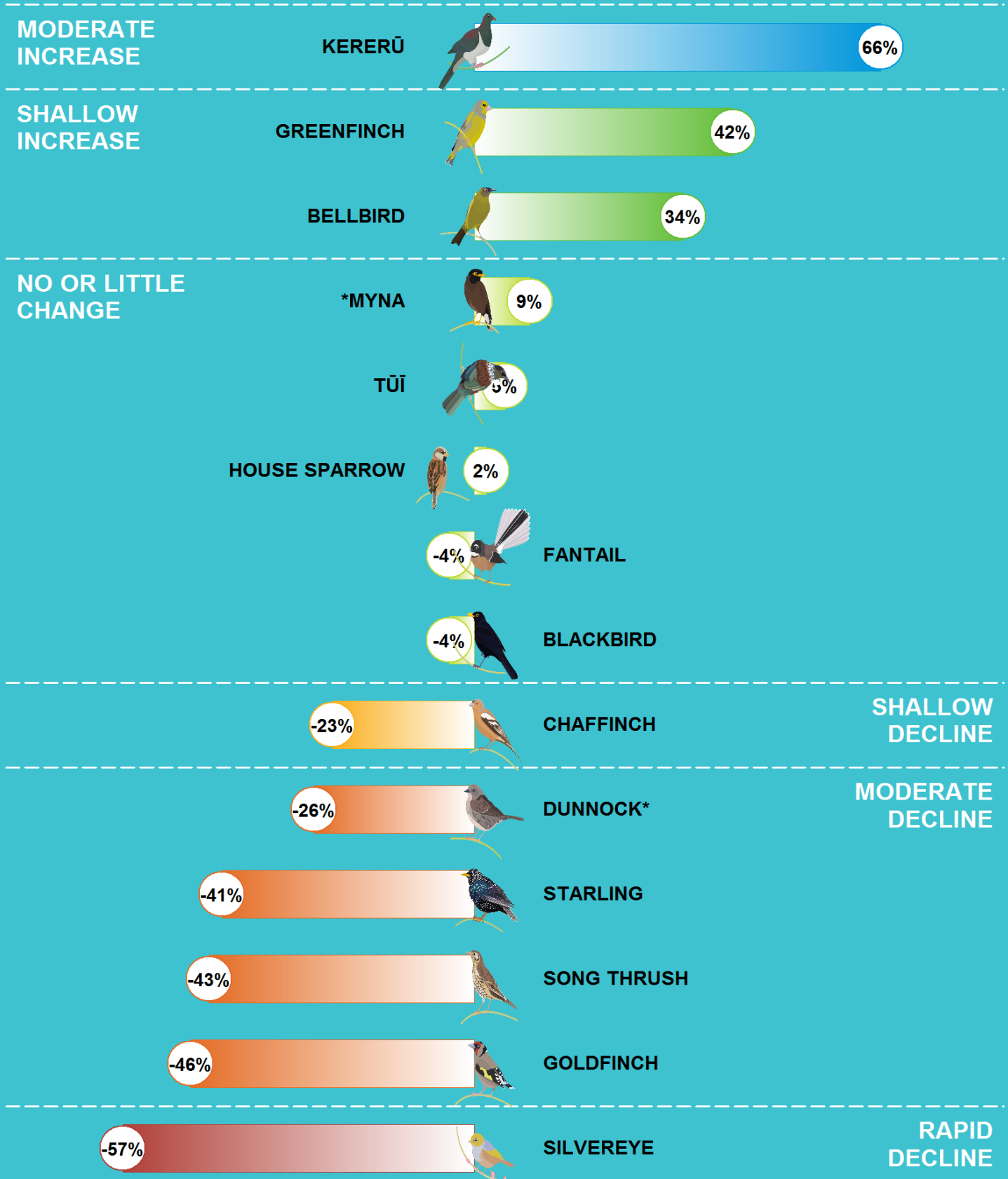
**Manaaki
Whenua**
Landcare
Research

How have bird counts changed?



WELLINGTON REGION | 2007-2017

Porirua Zone

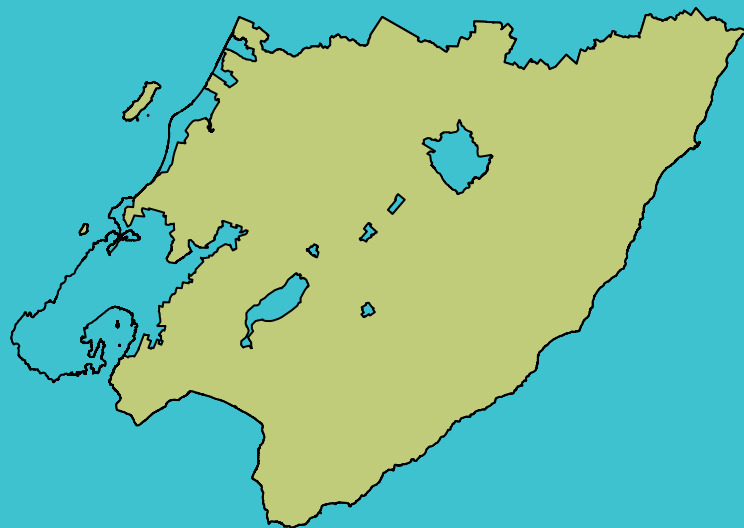


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 436 garden surveys in this specific area.

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



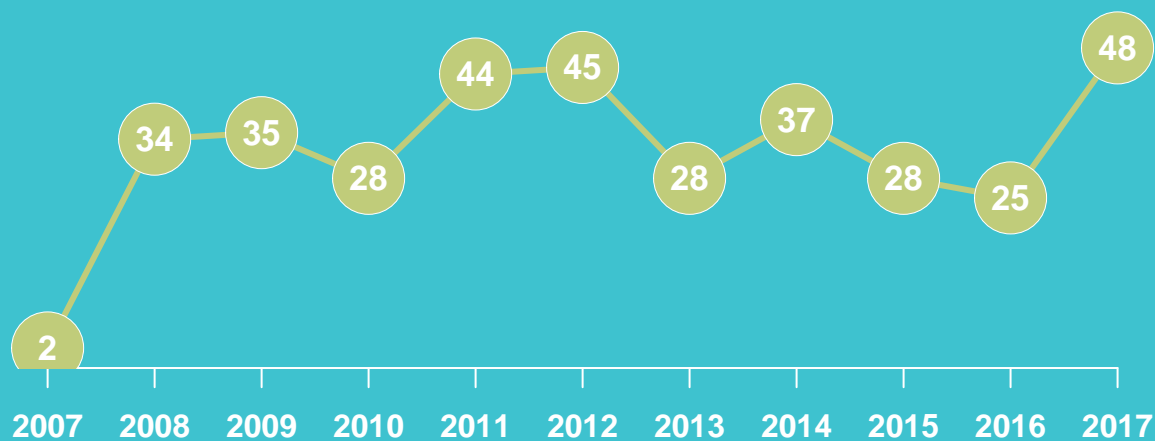
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

RURAL (INCL.SOME OFF SHORE ISLANDS)

NUMBER OF SURVEYED GARDENS



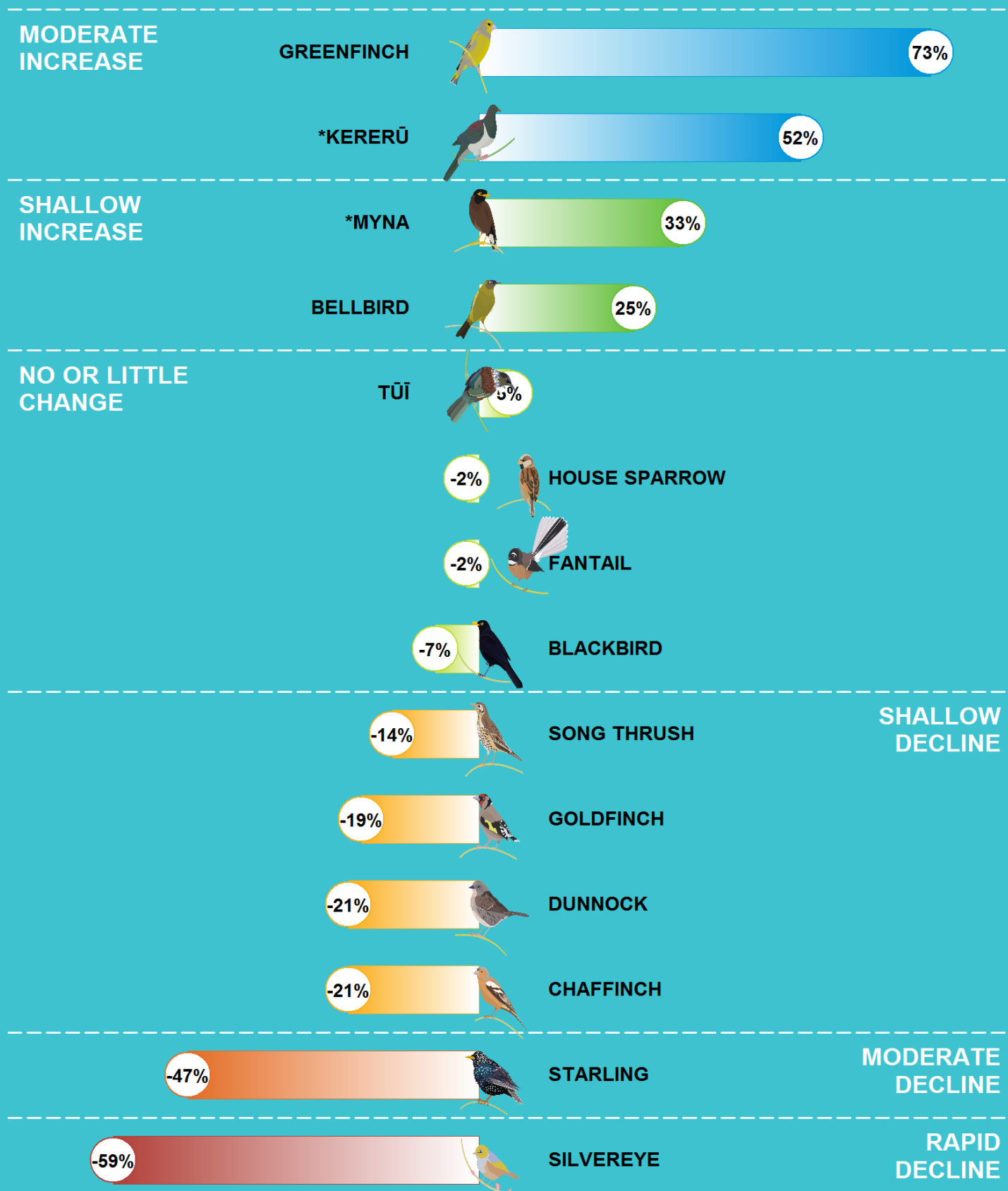
Manaaki
Whenua
Landcare
Research

How have bird counts changed?



WELLINGTON REGION | 2007-2017

Rural (Incl.some Off Shore Islands)

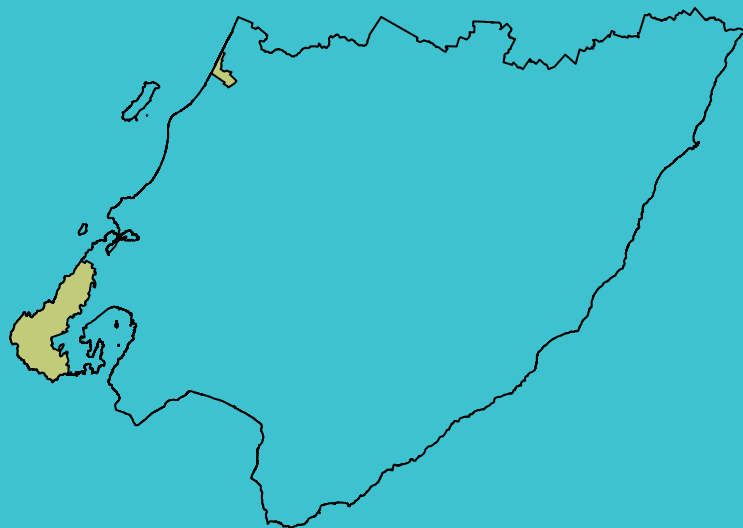


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 354 garden surveys in this specific area.

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



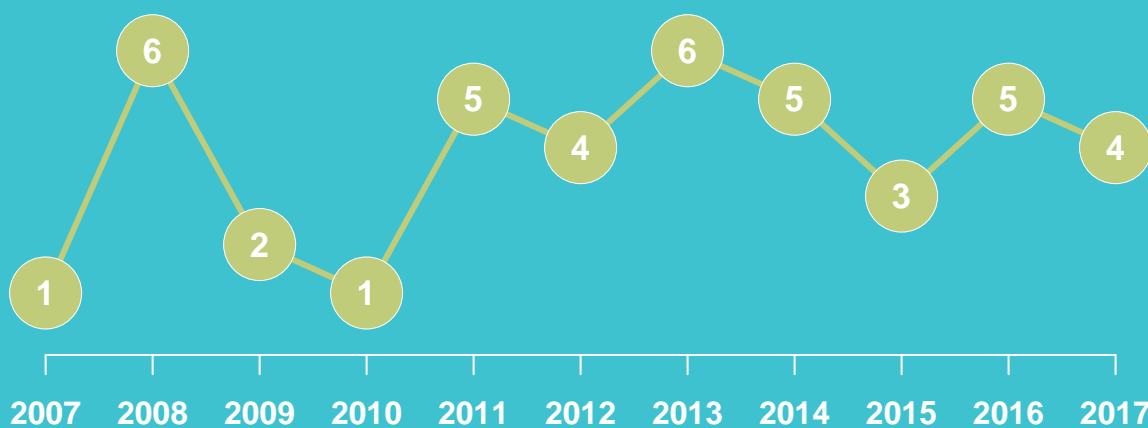
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

RURAL CENTRE

NUMBER OF SURVEYED GARDENS



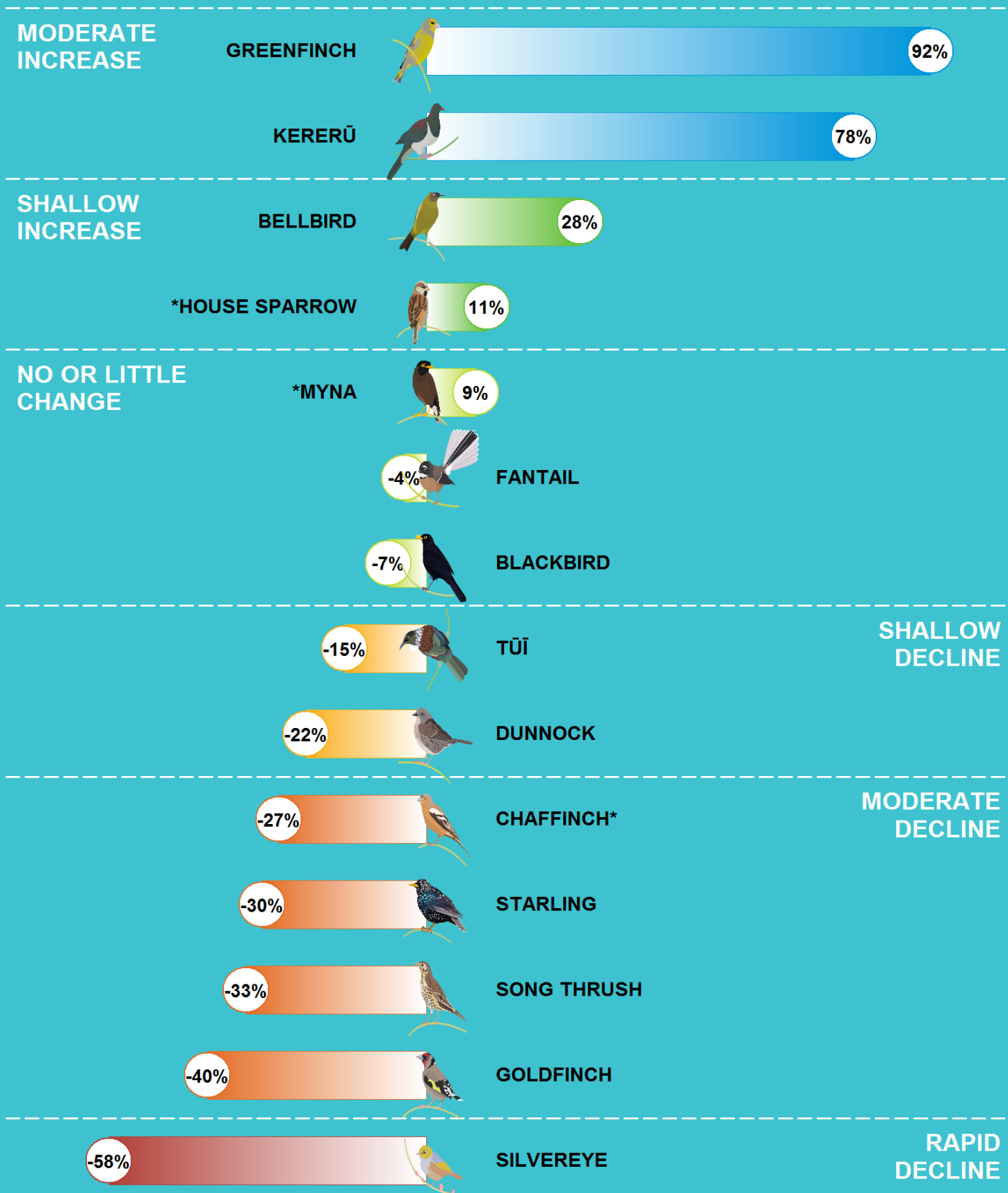
**Manaaki
Whenua**
Landcare
Research

How have bird counts changed?



WELLINGTON REGION | 2007-2017

Rural Centre

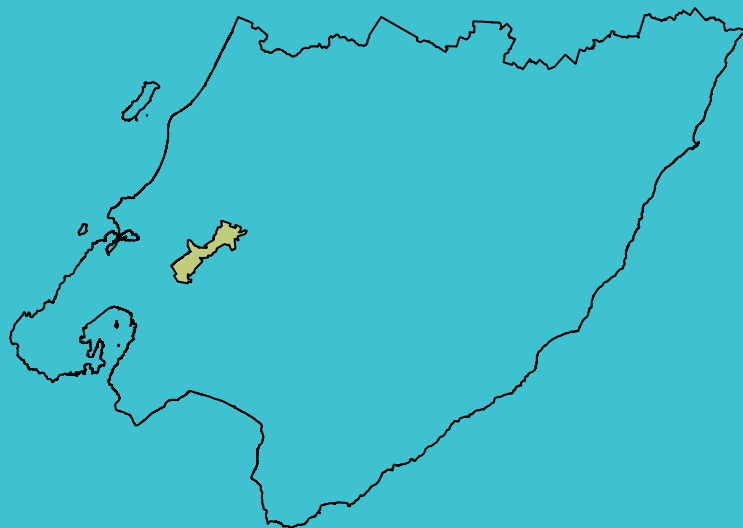


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 42 garden surveys in this specific area.

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



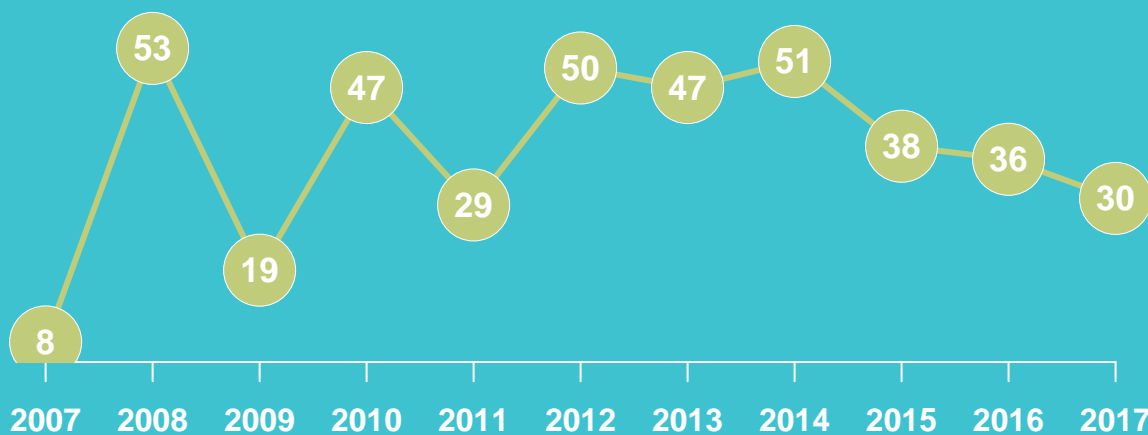
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

UPPER HUTT ZONE

NUMBER OF SURVEYED GARDENS



**Manaaki
Whenua**
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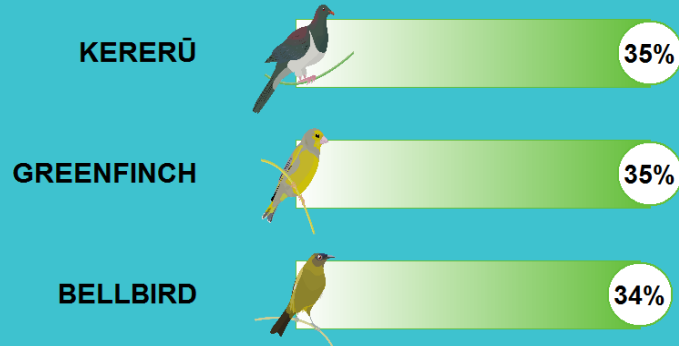
How have bird counts changed?



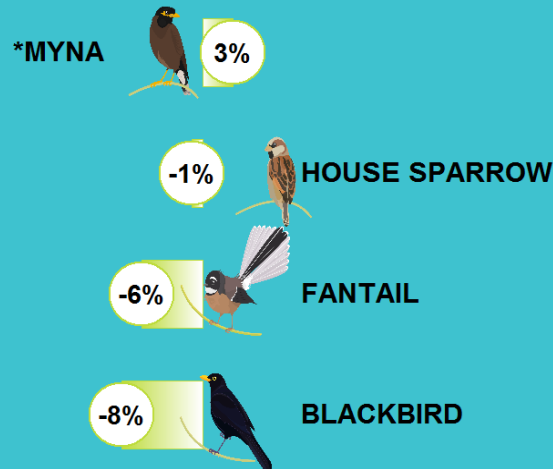
WELLINGTON REGION | 2007-2017

Upper Hutt Zone

SHALLOW INCREASE



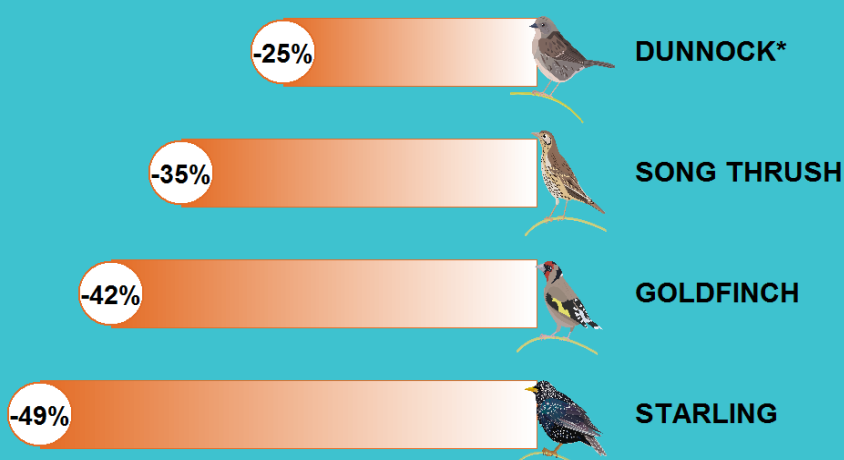
NO OR LITTLE CHANGE



SHALLOW DECLINE



MODERATE DECLINE



RAPID DECLINE

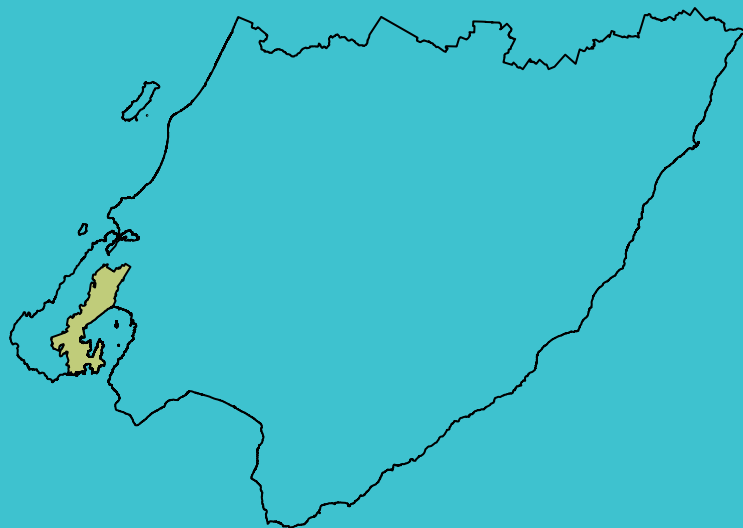


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 408 garden surveys in this specific area.

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



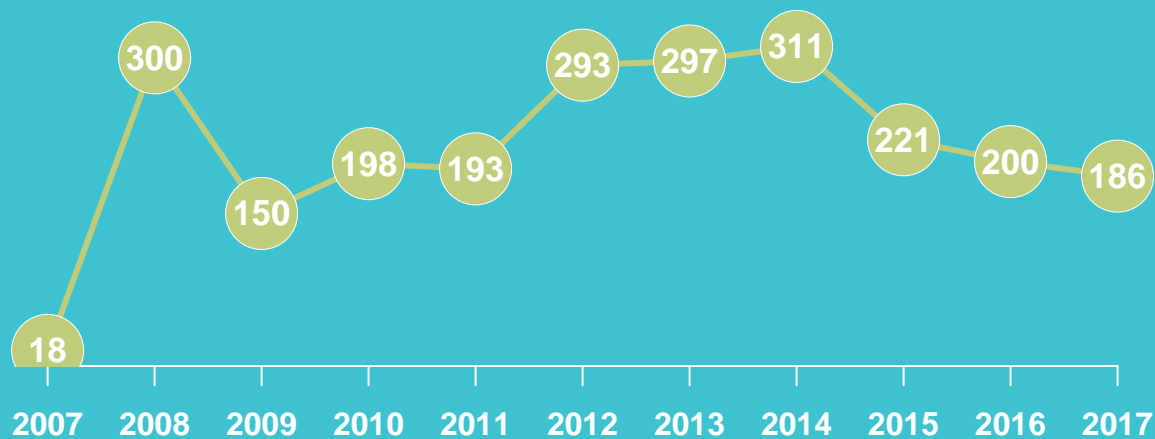
New Zealand
**GARDEN
BIRD
SURVEY**



WELLINGTON REGION

WELLINGTON ZONE

NUMBER OF SURVEYED GARDENS



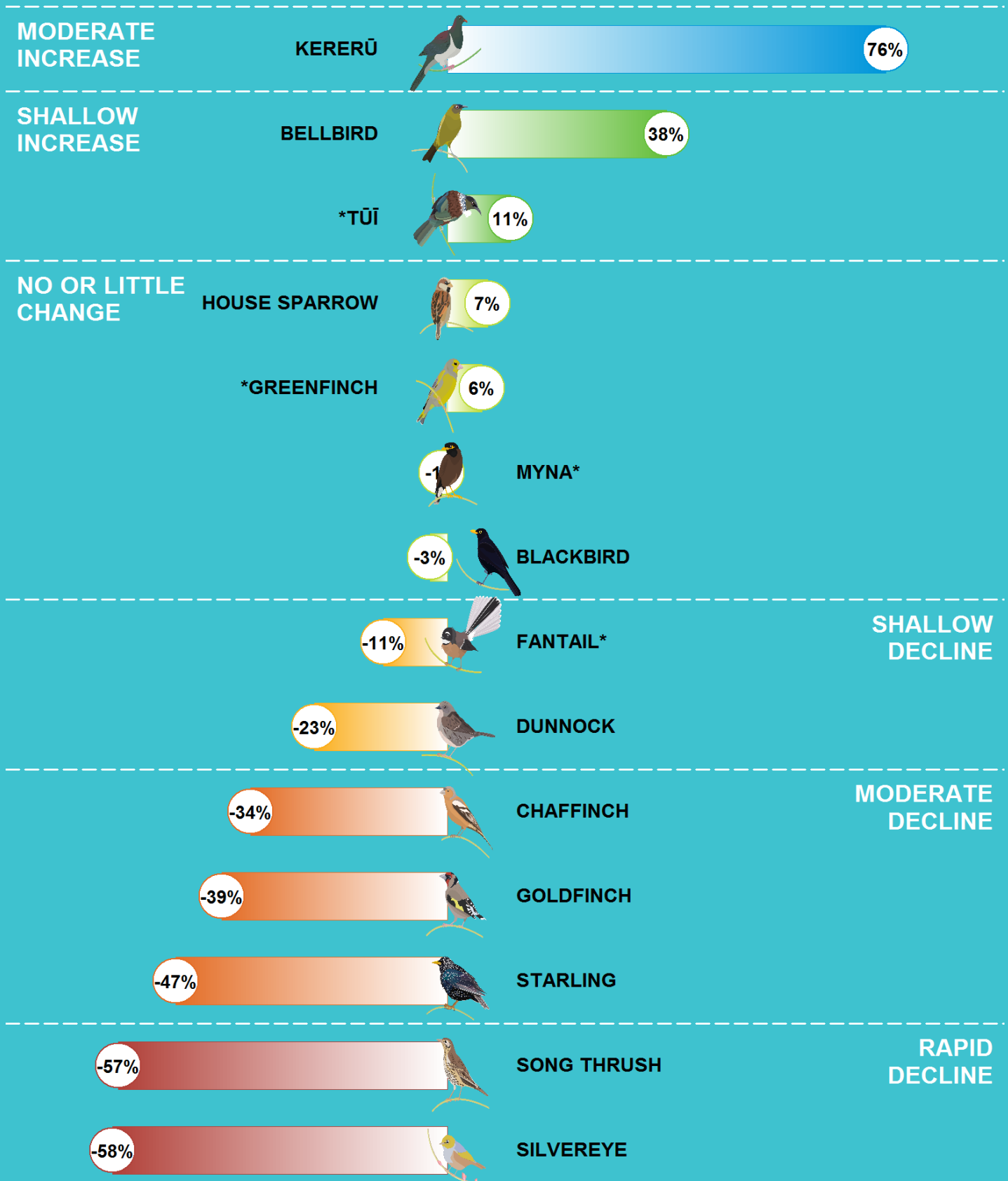
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Whenua
Landcare
Research

How have bird counts changed?



WELLINGTON REGION | 2007-2017

Wellington Zone



Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 2367 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:
gardenbirdsurvey.landcareresearch.co.nz

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