



Summary report

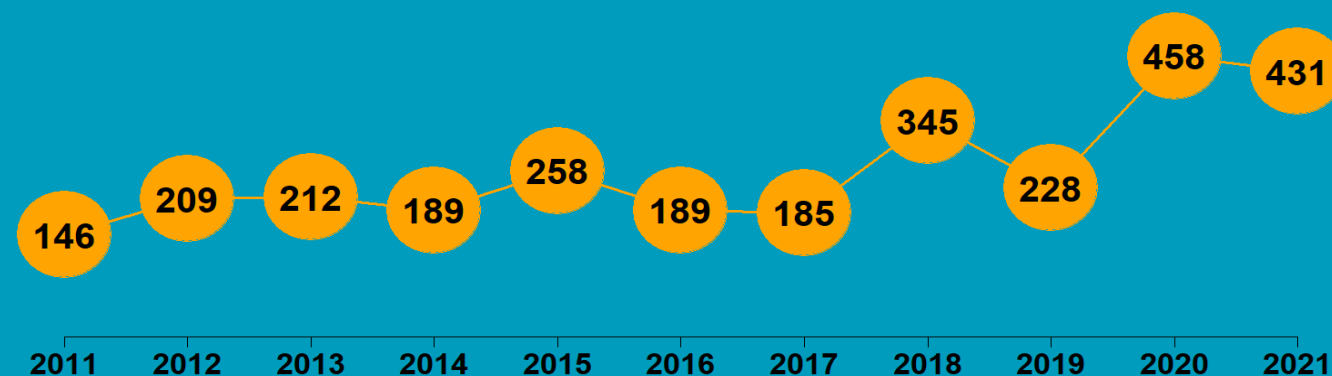
WAIKATO REGION

2021

State of NZ Garden Birds

Te Āhua o ngā Manu o te Kāri i Aotearoa

NUMBER OF SURVEYED GARDENS



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

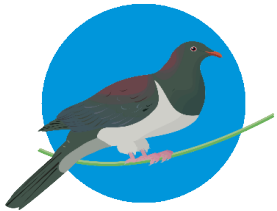


WAIKATO | Kererū | Kererū

How have garden bird counts changed in this region?



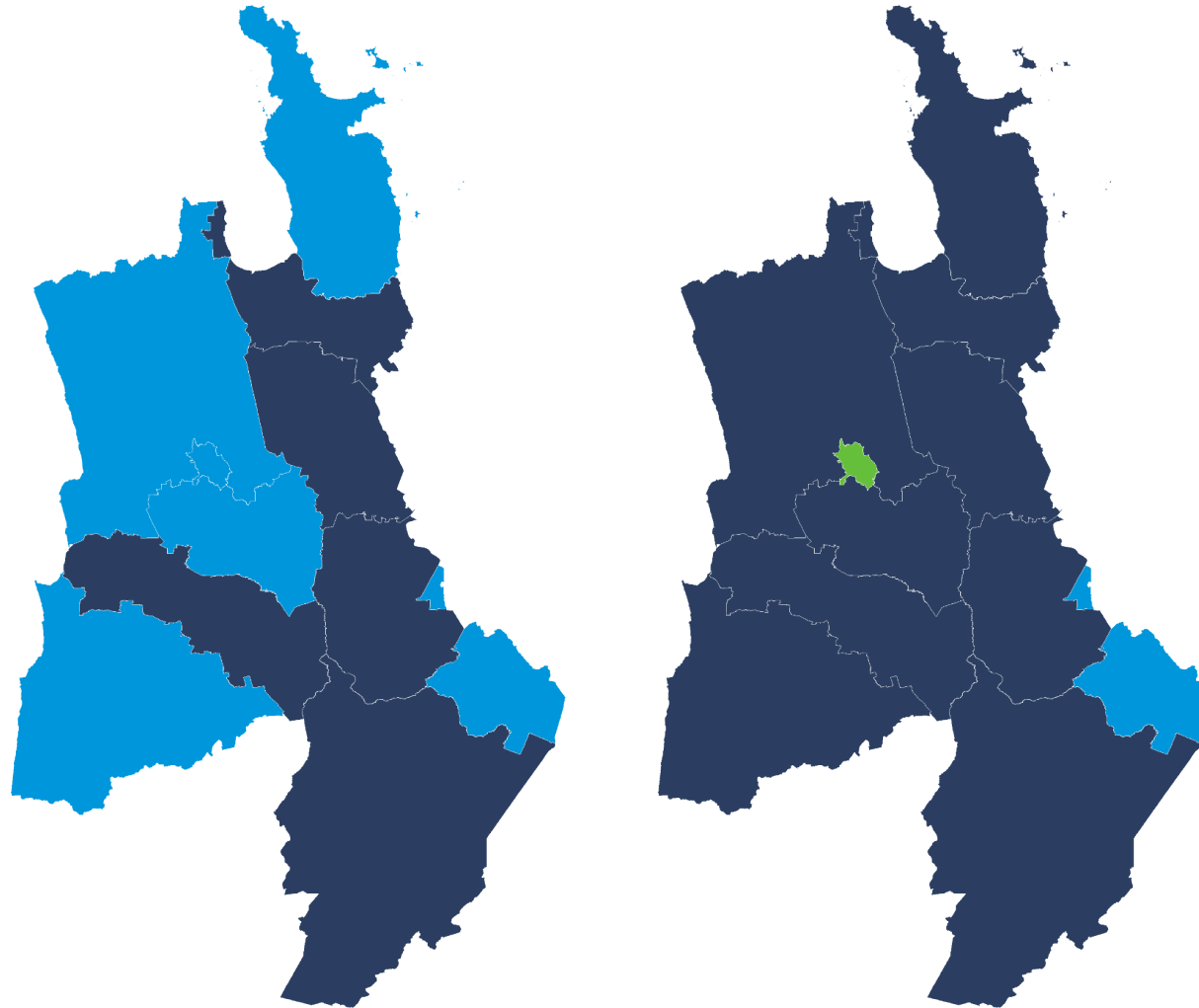
Last 10 years
 2011–21



**MODERATE INCREASE
 REGIONALLY**

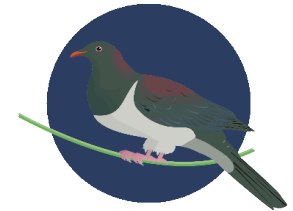


**RAPID INCREASE
 NATIONALLY**

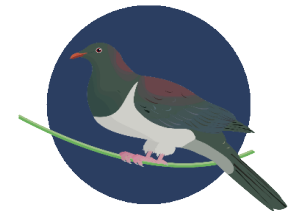


■ Rapid increase	■ Shallow decline
■ Moderate increase	■ Moderate decline
■ Shallow increase	■ Rapid decline
■ No or little change	

Last 5 years
 2016–21



**RAPID INCREASE
 REGIONALLY**



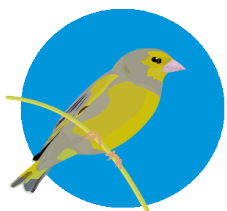
**RAPID INCREASE
 NATIONALLY**

WAIKATO | Greenfinch

How have garden bird counts changed in this region?



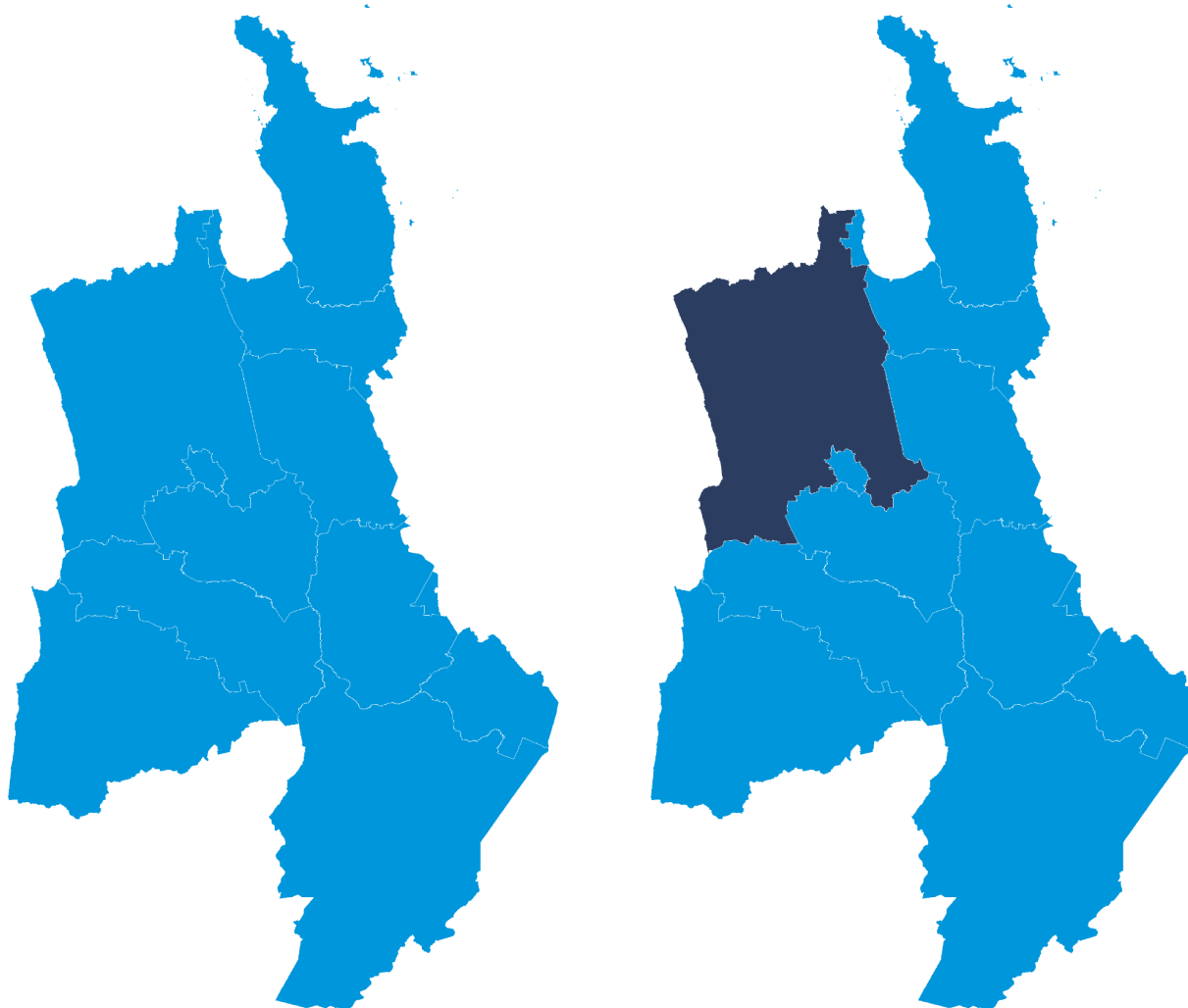
Last 10 years
2011–21



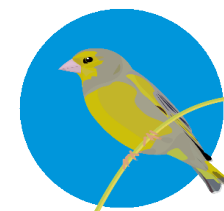
**MODERATE INCREASE
REGIONALLY**



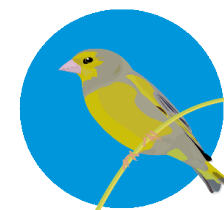
**MODERATE INCREASE
NATIONALLY**



Last 5 years
2016–21



**MODERATE INCREASE
REGIONALLY**



**MODERATE INCREASE
NATIONALLY**

WAIKATO | Tūī | Kōkō

How have garden bird counts changed in this region?



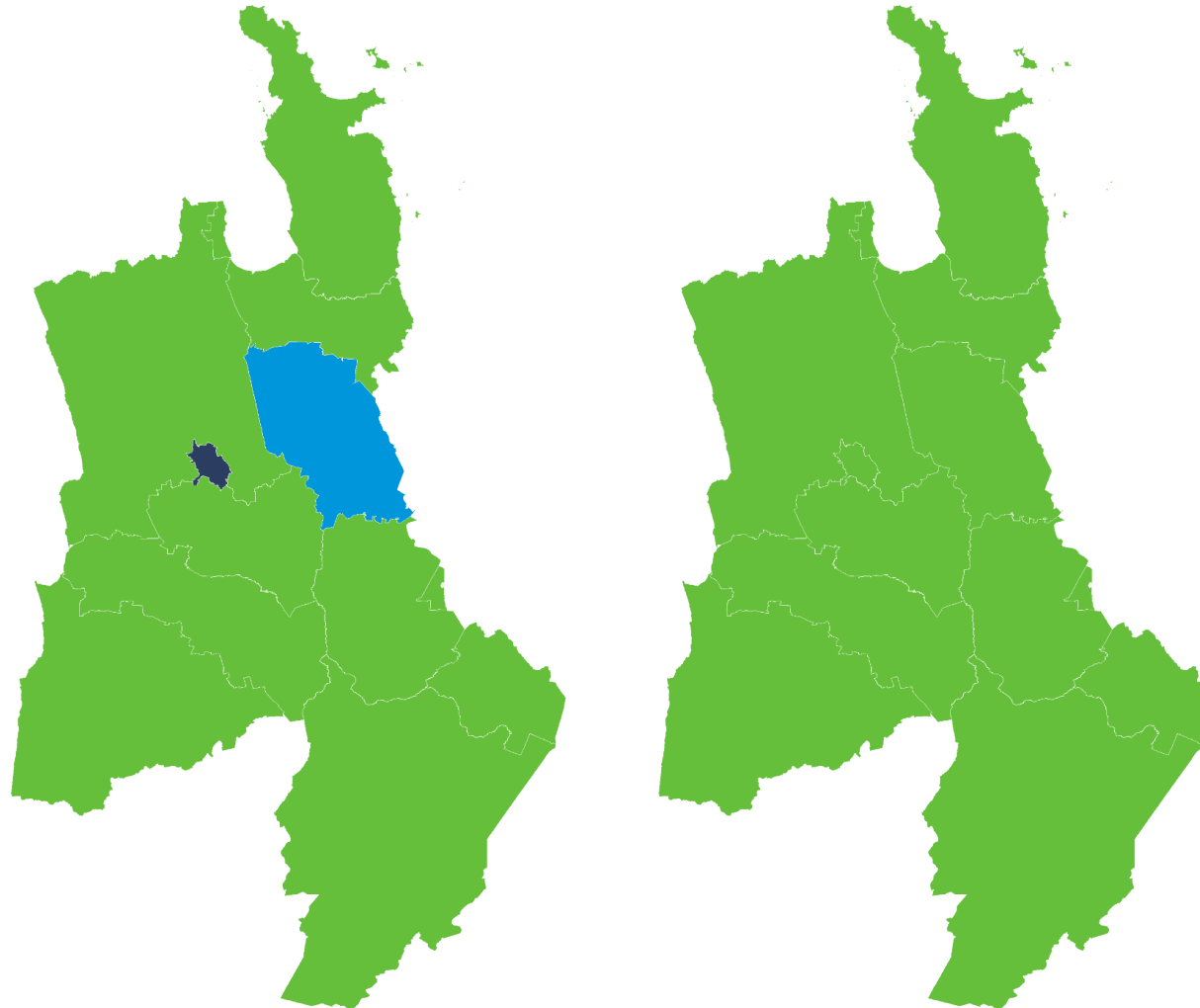
Last 10 years
 2011–21



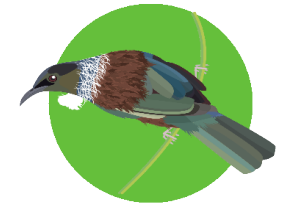
SHALLOW INCREASE
 REGIONALLY



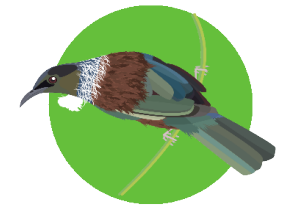
SHALLOW INCREASE
 NATIONALLY



Last 5 years
 2016–21



SHALLOW INCREASE
 REGIONALLY



SHALLOW INCREASE
 NATIONALLY

WAIKATO | Goldfinch

How have garden bird counts changed in this region?



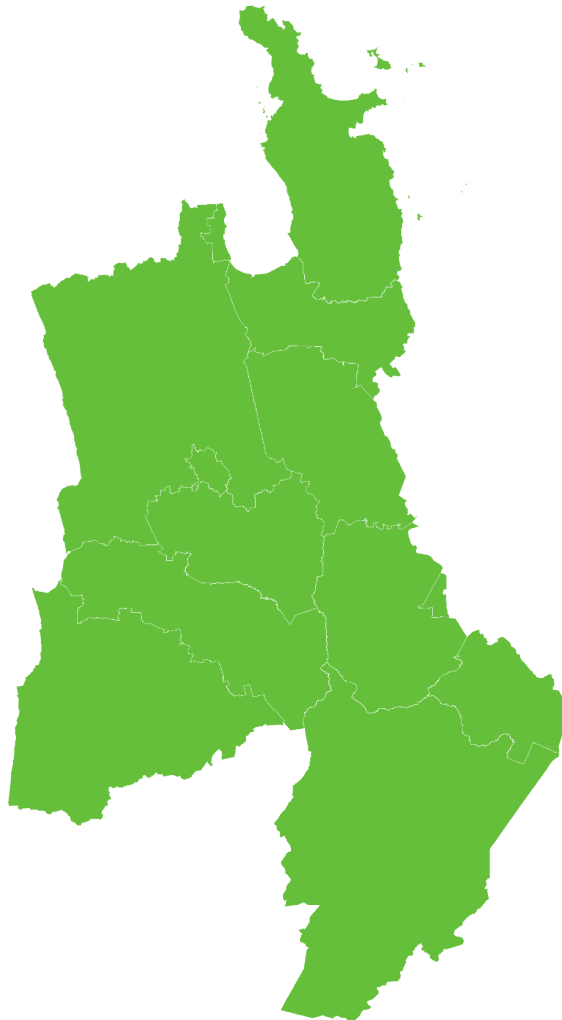
Last 10 years
 2011–21



SHALLOW INCREASE
 REGIONALLY



SHALLOW INCREASE
 NATIONALLY



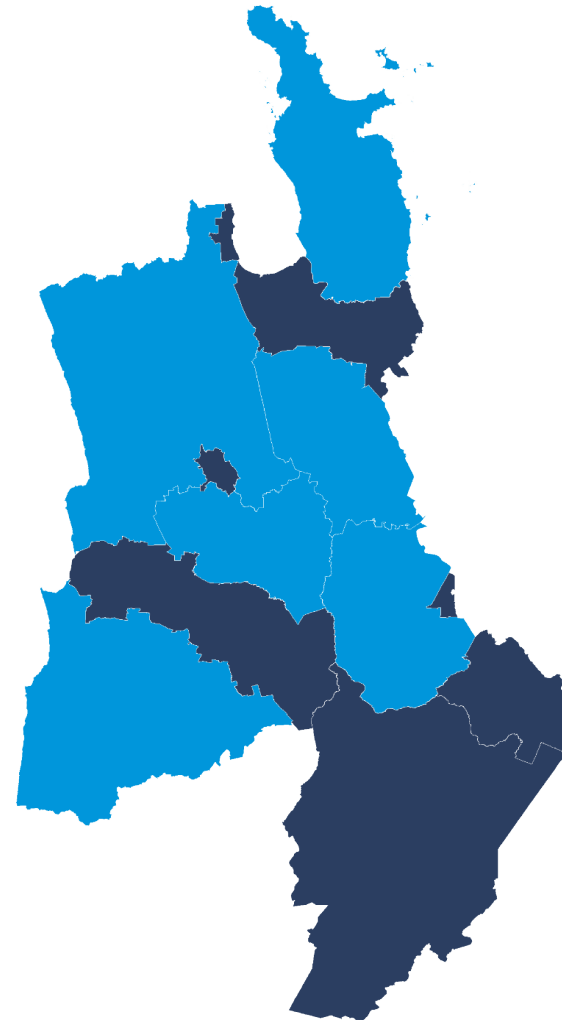
Last 5 years
 2016–21



MODERATE INCREASE
 REGIONALLY



RAPID INCREASE
 NATIONALLY



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

WAIKATO | Blackbird | Manu pango

How have garden bird counts changed in this region?



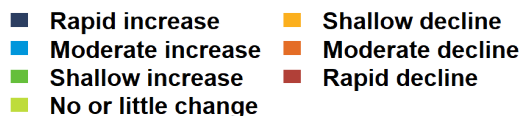
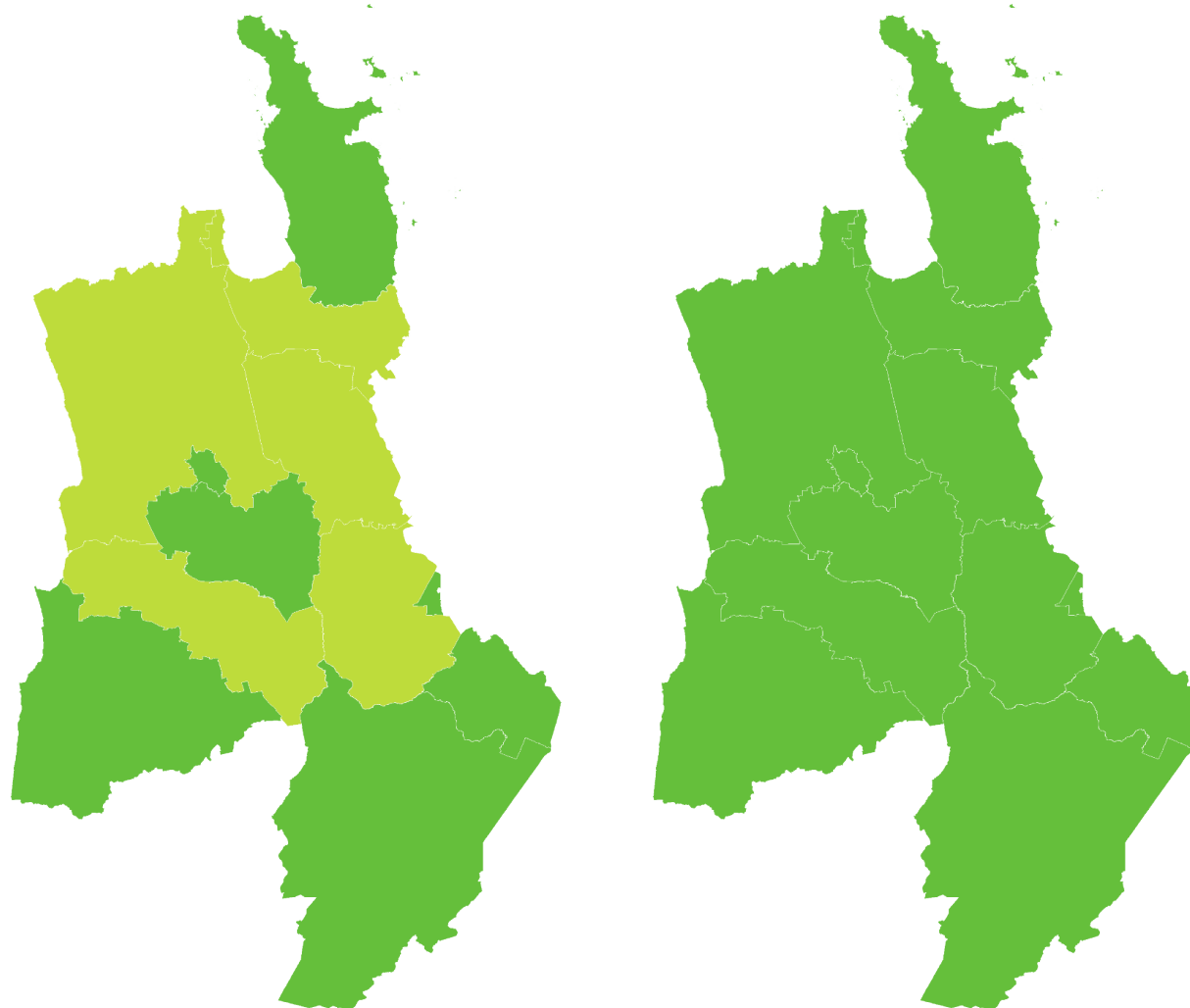
Last 10 years
 2011–21



SHALLOW INCREASE
 REGIONALLY



SHALLOW INCREASE
 NATIONALLY



Last 5 years
 2016–21



SHALLOW INCREASE
 REGIONALLY



SHALLOW INCREASE
 NATIONALLY

WAIKATO | Fantail | Pīwakawaka

How have garden bird counts changed in this region?



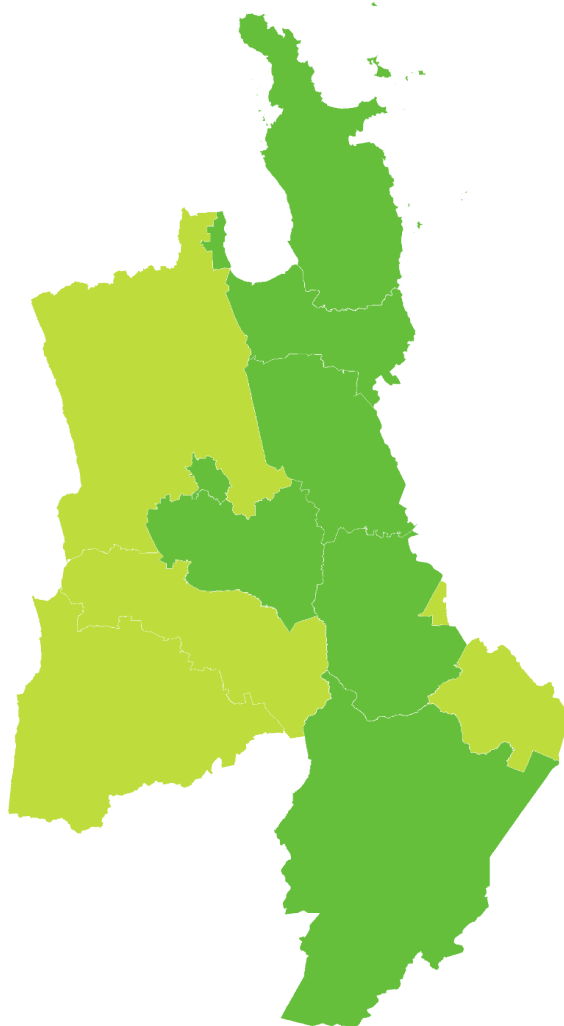
Last 10 years
 2011–21



SHALLOW INCREASE
 REGIONALLY



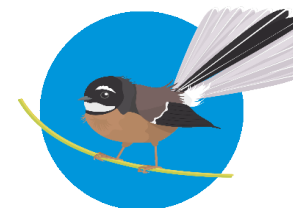
SHALLOW INCREASE
 NATIONALLY



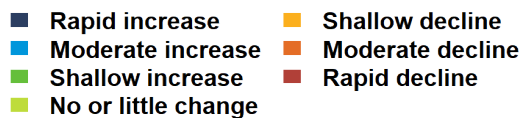
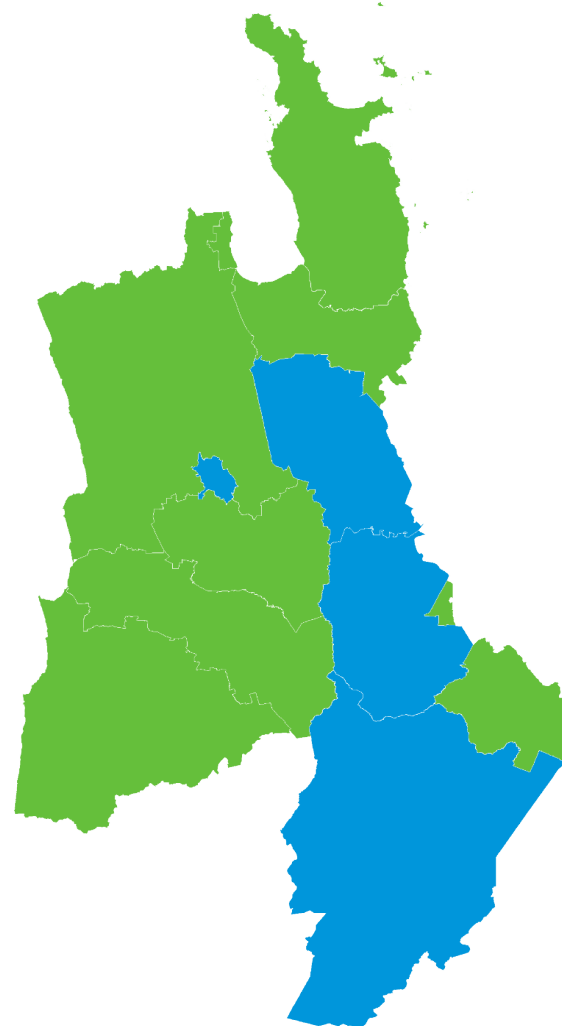
Last 5 years
 2016–21



SHALLOW INCREASE
 REGIONALLY



MODERATE INCREASE
 NATIONALLY



WAIKATO | Bellbird | Korimako

How have garden bird counts changed in this region?



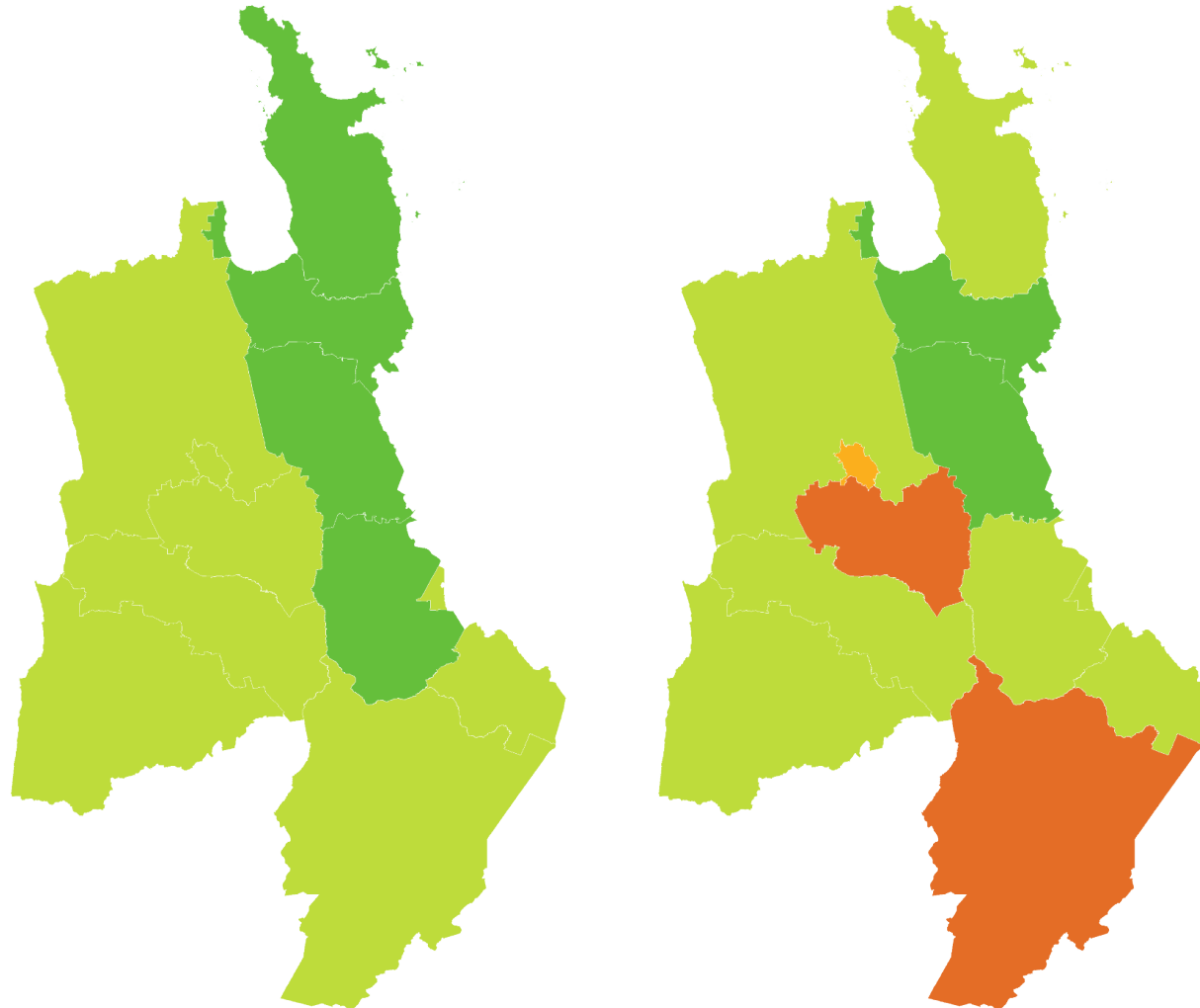
Last 10 years
 2011–21



LITTLE OR NO CHANGE
 REGIONALLY



LITTLE OR NO CHANGE
 NATIONALLY

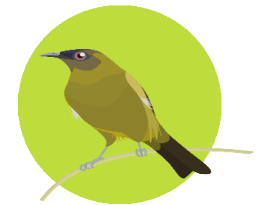


- | | | | |
|---|---------------------|---|------------------|
|  | Rapid increase |  | Shallow decline |
|  | Moderate increase |  | Moderate decline |
|  | Shallow increase |  | Rapid decline |
|  | No or little change | | |

Last 5 years
 2016–21



SHALLOW DECLINE
 REGIONALLY



LITTLE OR NO CHANGE
 NATIONALLY

WAIKATO | House sparrow | Tiu

How have garden bird counts changed in this region?



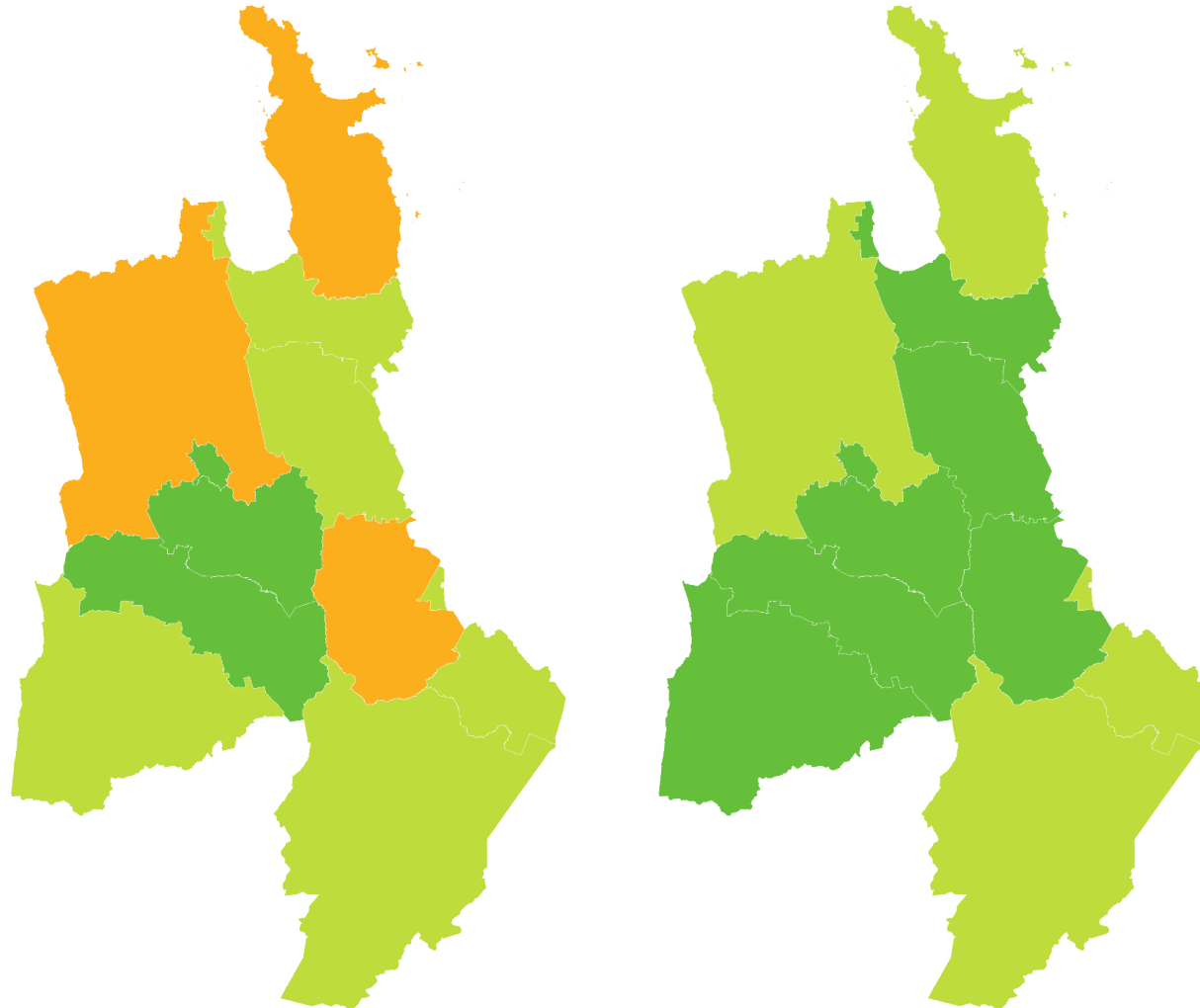
Last 10 years
 2011–21



LITTLE OR NO CHANGE
 REGIONALLY



LITTLE OR NO CHANGE
 NATIONALLY



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

Last 5 years
 2016–21



SHALLOW INCREASE
 REGIONALLY



LITTLE OR NO CHANGE
 NATIONALLY

WAIKATO | Myna | Maina

How have garden bird counts changed in this region?



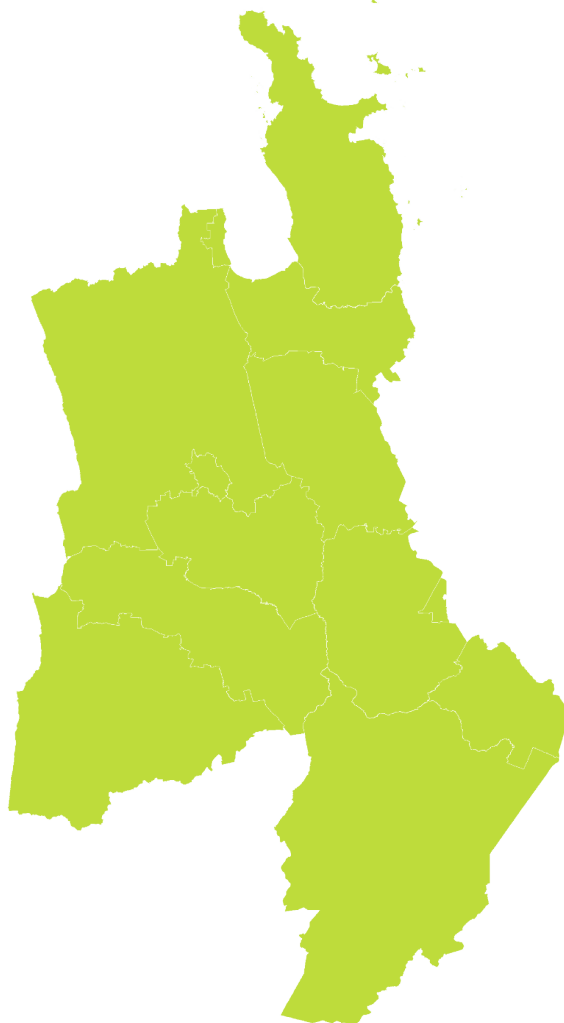
Last 10 years
 2011–21



LITTLE OR NO CHANGE
 REGIONALLY



LITTLE OR NO CHANGE
 NATIONALLY



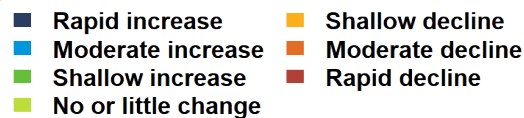
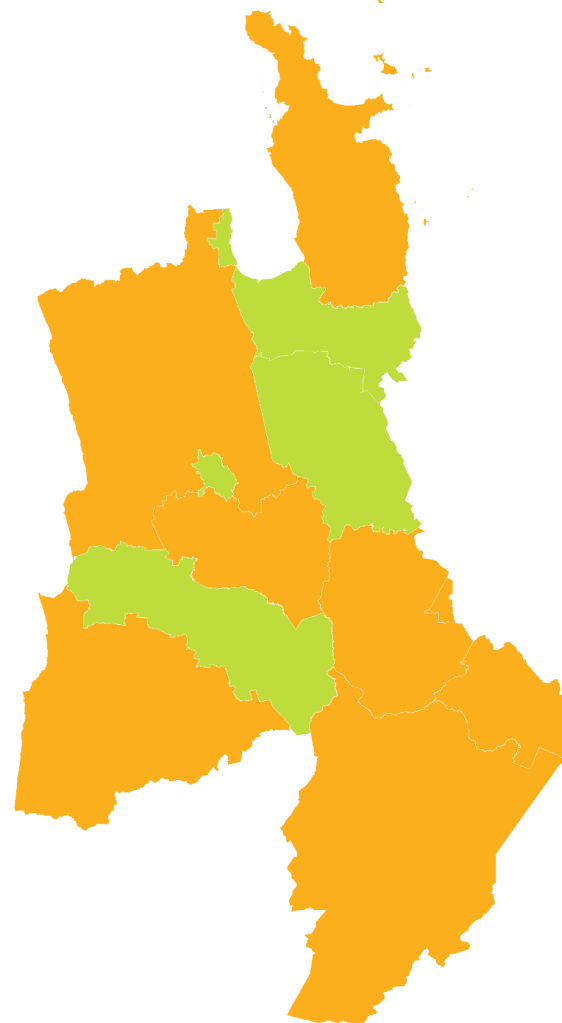
Last 5 years
 2016–21



SHALLOW DECLINE
 REGIONALLY



LITTLE OR NO CHANGE
 NATIONALLY

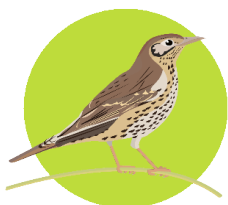


WAIKATO | Song thrush

How have garden bird counts changed in this region?



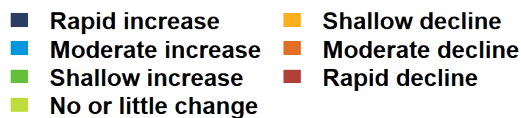
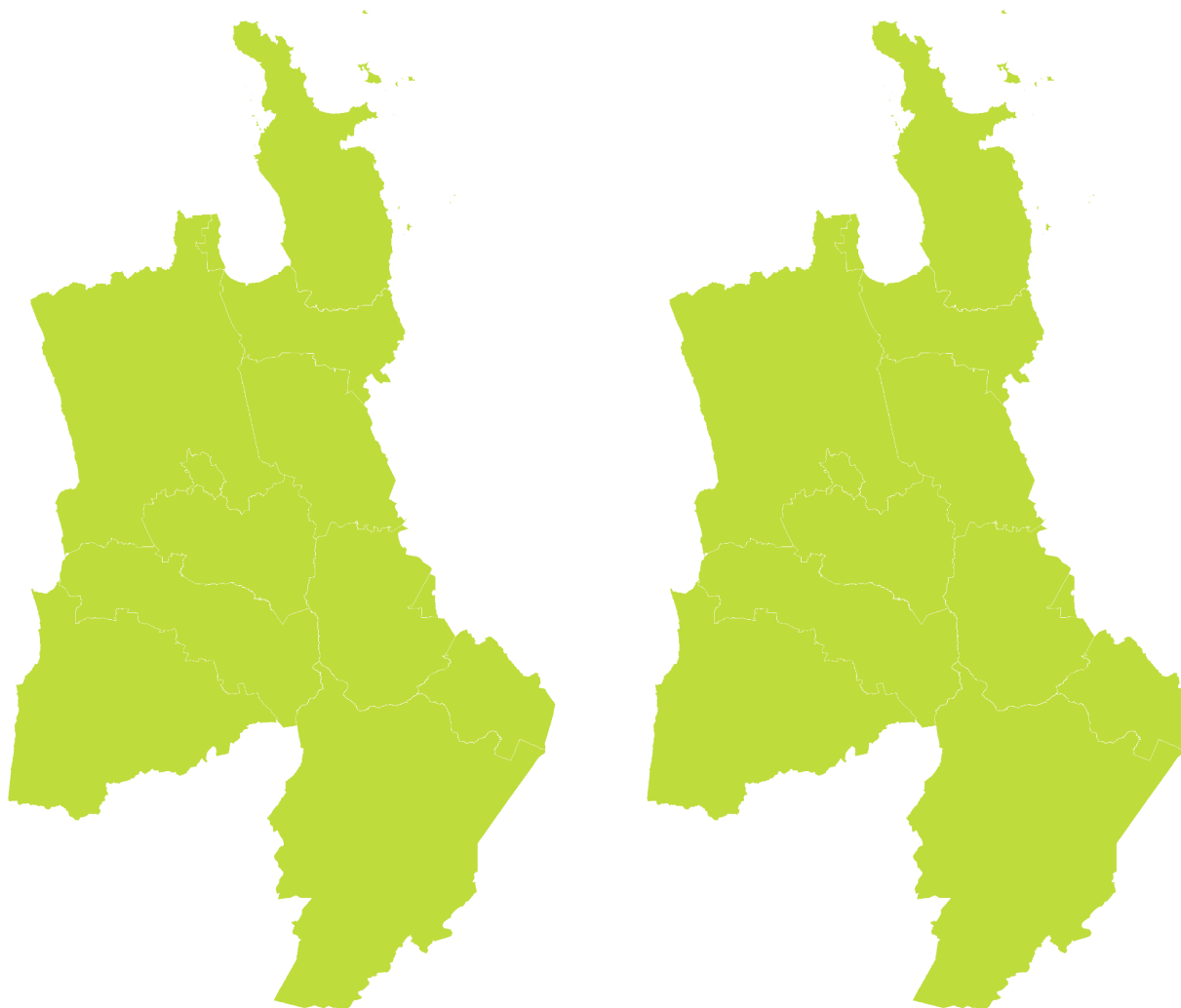
Last 10 years
 2011–21



LITTLE OR NO CHANGE
 REGIONALLY



LITTLE OR NO CHANGE
 NATIONALLY



Last 5 years
 2016–21



LITTLE OR NO CHANGE
 REGIONALLY



LITTLE OR NO CHANGE
 NATIONALLY

WAIKATO | Chaffinch | Pahirini

How have garden bird counts changed in this region?



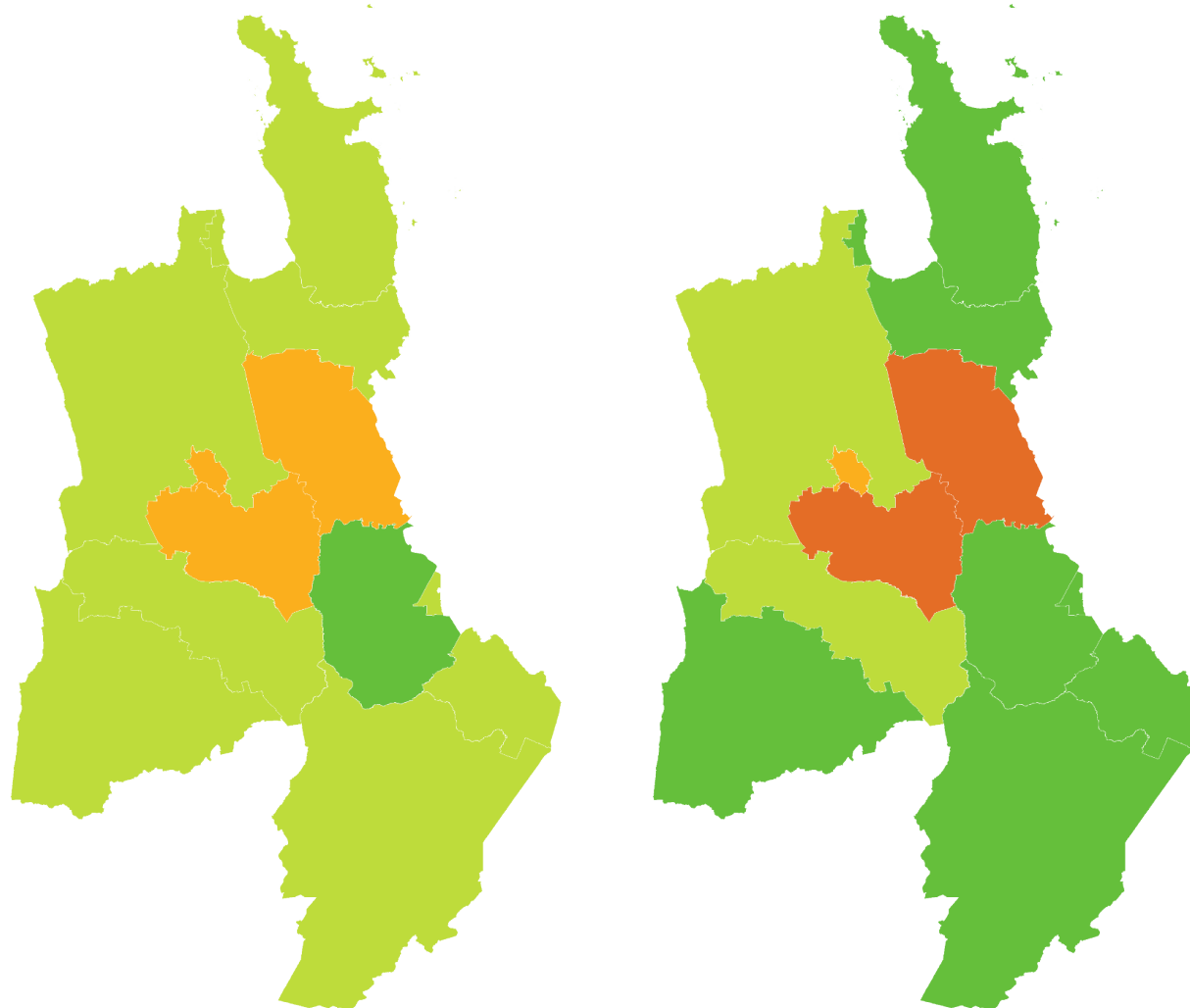
Last 10 years
 2011–21



LITTLE OR NO CHANGE
 REGIONALLY



LITTLE OR NO CHANGE
 NATIONALLY



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

Last 5 years
 2016–21



LITTLE OR NO CHANGE
 REGIONALLY



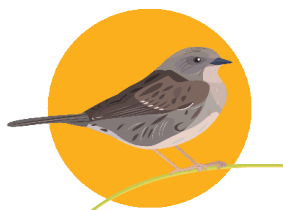
LITTLE OR NO CHANGE
 NATIONALLY

WAIKATO | Dunnock

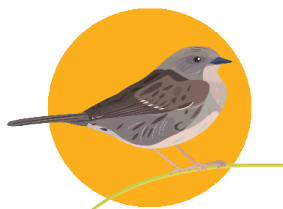
How have garden bird counts changed in this region?



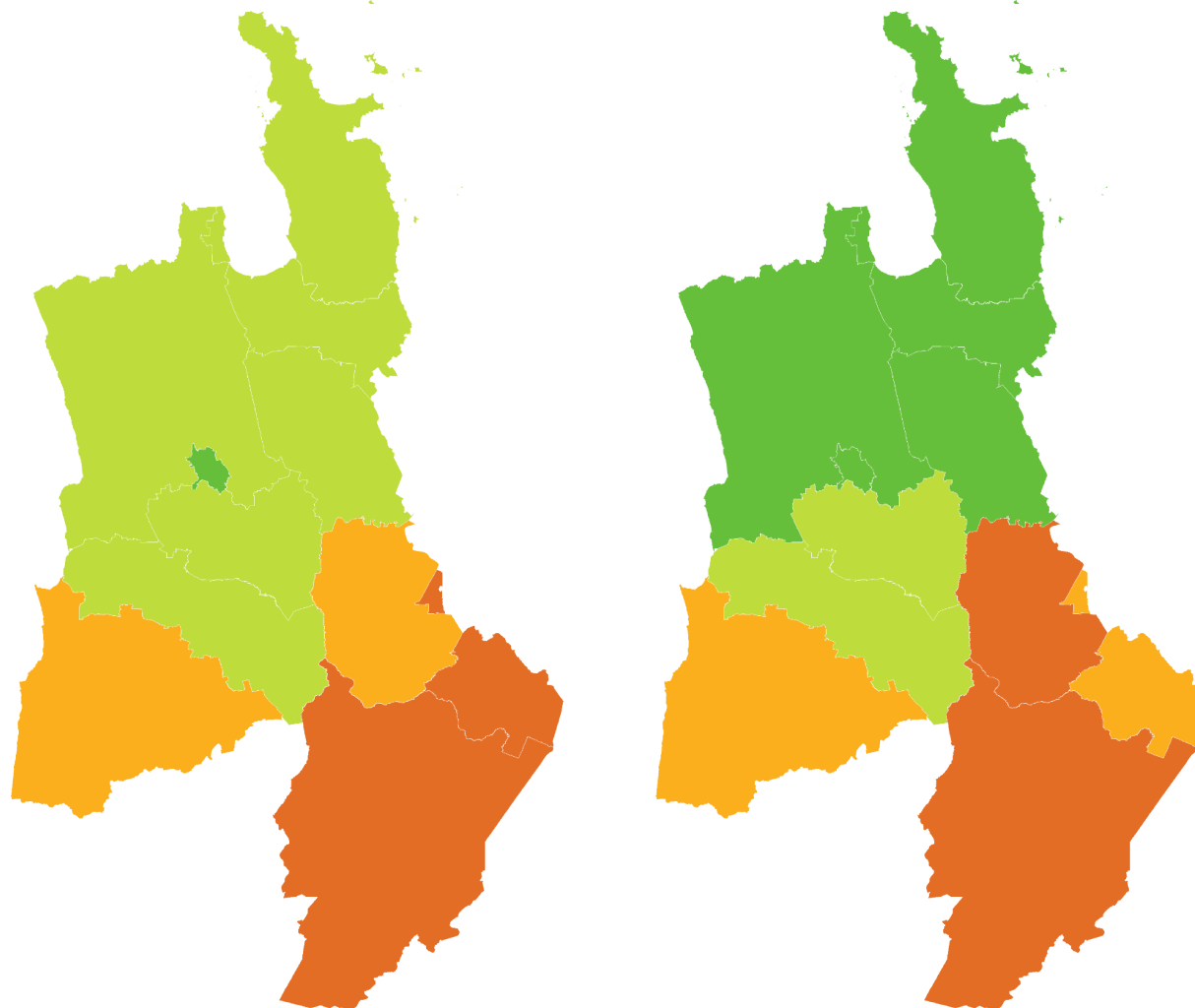
Last 10 years
 2011–21



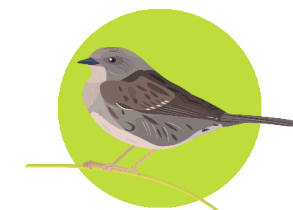
SHALLOW DECLINE
 REGIONALLY



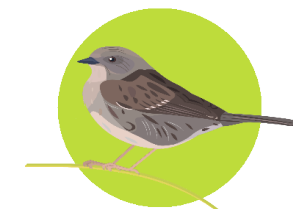
SHALLOW DECLINE
 NATIONALLY



Last 5 years
 2016–21



LITTLE OR NO CHANGE
 REGIONALLY



LITTLE OR NO CHANGE
 NATIONALLY

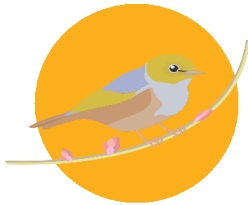
- | | |
|---|--|
|  Rapid increase |  Shallow decline |
|  Moderate increase |  Moderate decline |
|  Shallow increase |  Rapid decline |
|  No or little change | |

WAIKATO | Silvereye | Tauhou

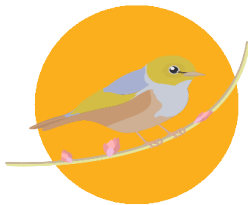
How have garden bird counts changed in this region?



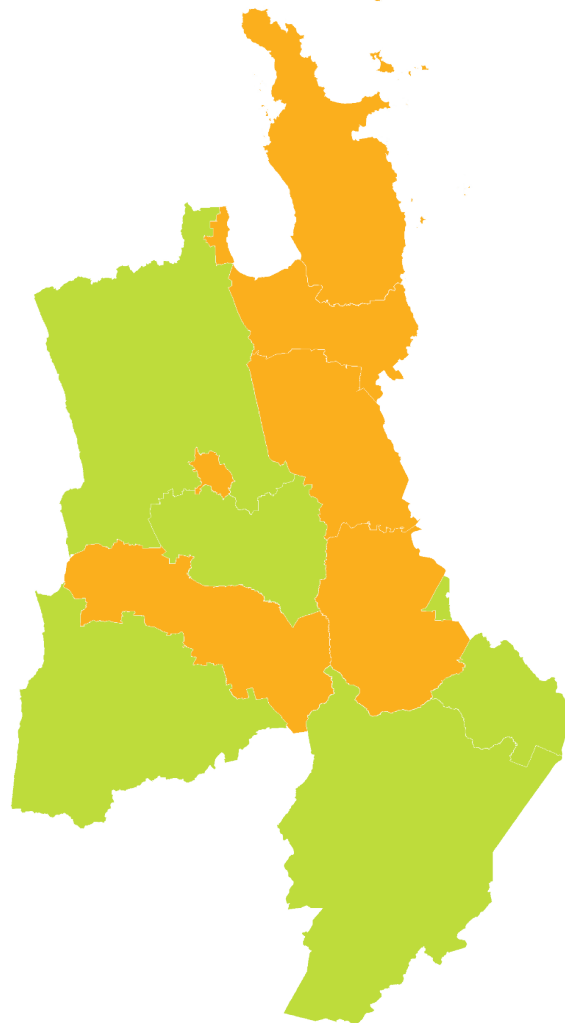
Last 10 years
 2011–21



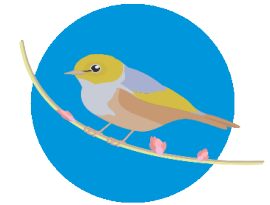
SHALLOW DECLINE
 REGIONALLY



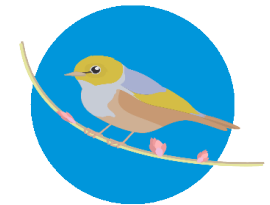
SHALLOW DECLINE
 NATIONALLY



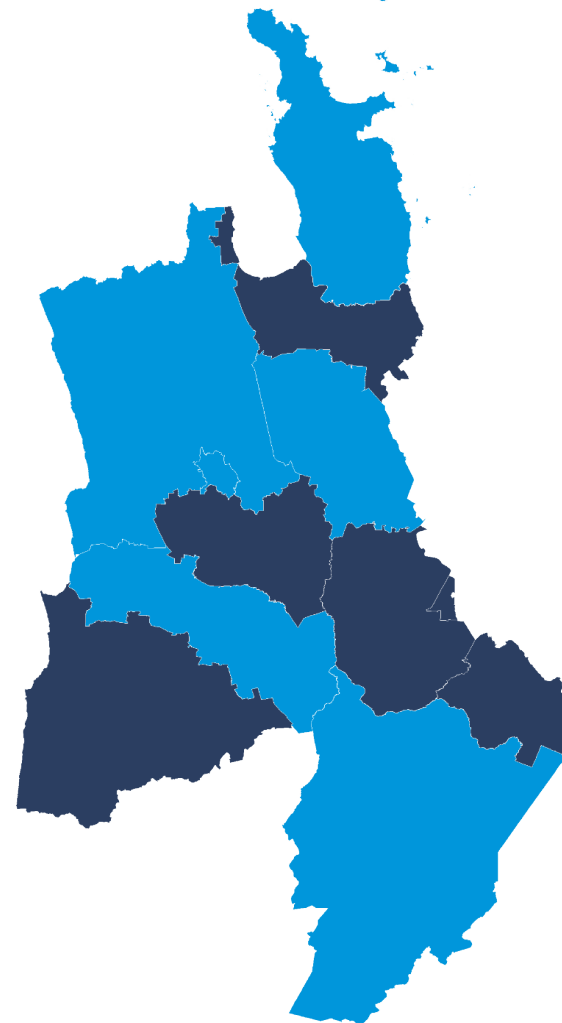
Last 5 years
 2016–21



MODERATE INCREASE
 REGIONALLY



MODERATE INCREASE
 NATIONALLY



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

WAIKATO | Starling | Tāringi

How have garden bird counts changed in this region?



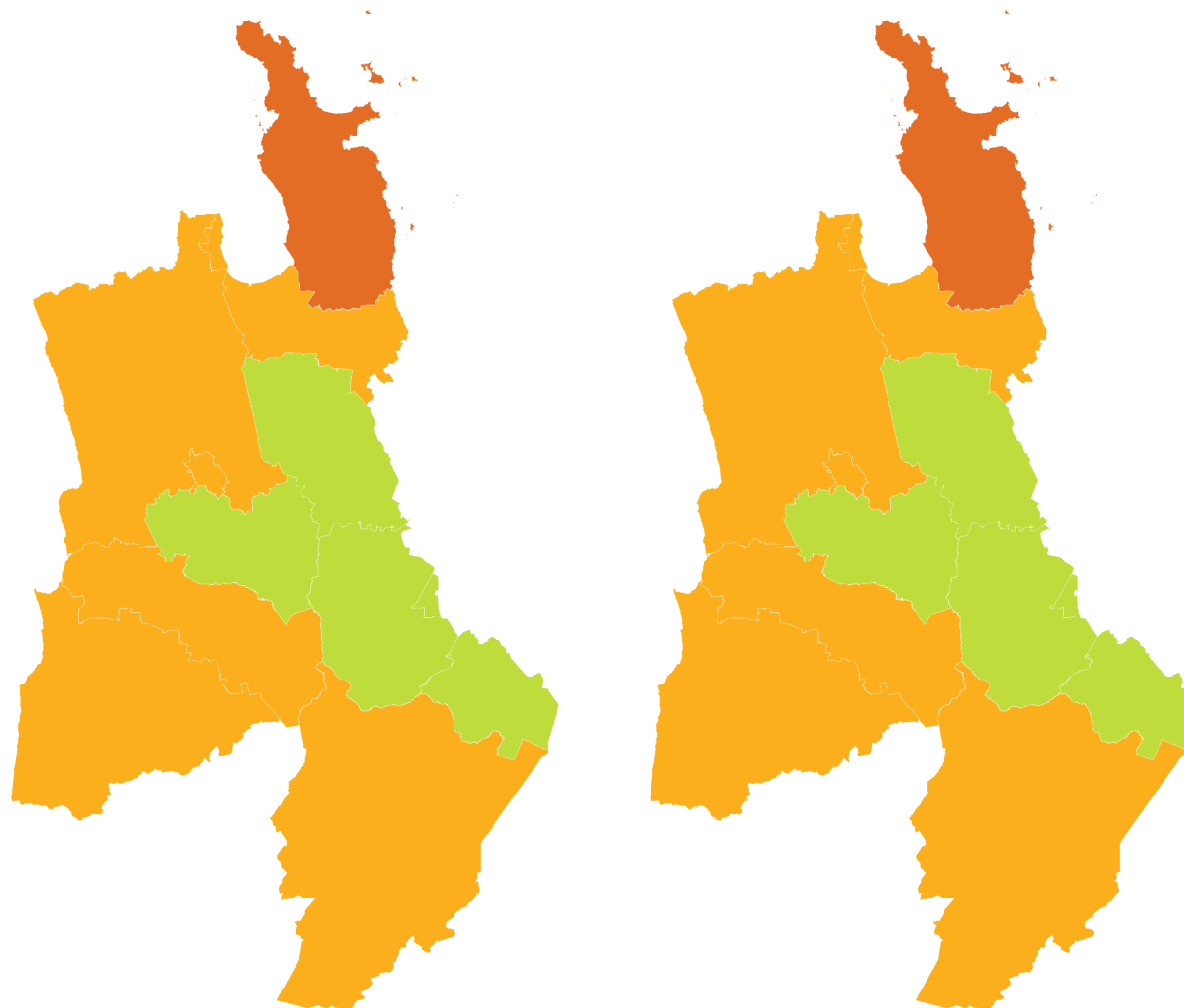
Last 10 years
 2011–21



SHALLOW DECLINE
 REGIONALLY



SHALLOW DECLINE
 NATIONALLY



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

Last 5 years
 2016–21



SHALLOW DECLINE
 REGIONALLY



SHALLOW DECLINE
 NATIONALLY



2022

25 June to 3 July

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

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