



New Zealand  
**GARDEN  
BIRD  
SURVEY**



Technical report

**WELLINGTON REGION**

**2017** |

**State of NZ Garden Birds**

Te Āhua o ngā Manu o te Kāri i Aotearoa



**Manaaki  
Whenua**  
Landcare  
Research

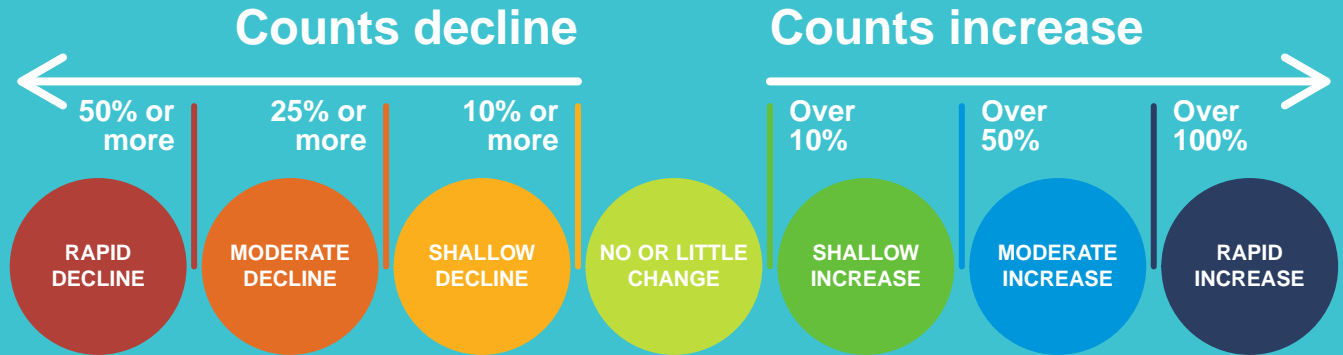


We have estimated how bird counts have changed since 2007 in different regions and towns across New Zealand for 14 common garden visitors – five native and nine introduced birds.

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 adjacent diagram) to help us identify changes of potential concern or interest.

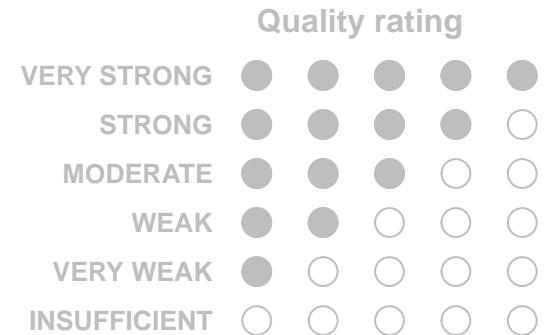
# Drawing attention to changes in counts of potential concern or interest



Change class for each species, based on the 1001 bootstrap replicates, indicated by double circle. The degree of shading indicates where these replicates lie.



Quality rating category for each species shows the strength of evidence for the change class based on the 1001 replicates.



# How have bird counts changed?

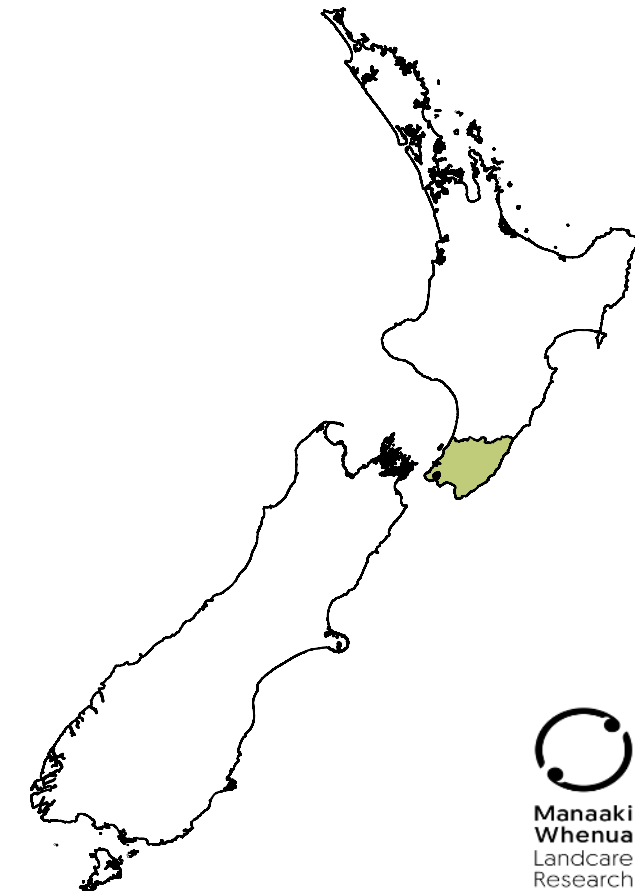
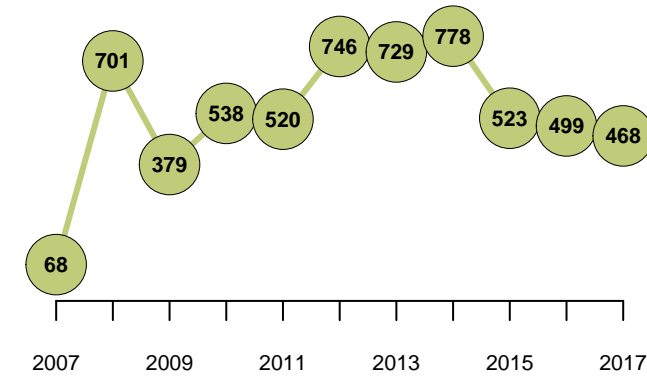
WELLINGTON REGION | 2007-2017



New Zealand  
**GARDEN BIRD SURVEY**

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
NEW ZEALAND PIGEON	45%	33 to 55%	○	○	○	○	●	○	○	●●●●●	KERERŪ
BELLBIRD	33%	23 to 44%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
GREENFINCH	27%	9 to 42%	○	○	○	○	●	○	○	●●●●○	
MYNA	10%	-107 to 44%	○	○	○	○	○	○	○	○	MAINA
HOUSE SPARROW	5%	0 to 12%	○	○	○	○	○	○	○	●●●●○	TIU
TUI	0%	-2 to 4%	○	○	○	○	○	○	○	●●●●●	KŌKŌ
BLACKBIRD	-5%	-9 to -1%	○	○	○	○	○	○	○	●●●●●	MANU PANGO
FANTAIL	-8%	-12 to -4%	○	○	○	○	○	○	○	●●○○○	PĪWAIWAKA
DUNNOCK	-23%	-30 to -16%	○	○	○	○	○	○	○	●●●●●	
CHAFFINCH	-29%	-33 to -24%	○	○	○	○	○	○	○	●●●●○	PAHIRINI
SONG THRUSH	-38%	-41 to -35%	○	○	○	○	○	○	○	●●●●●	
GOLDFINCH	-41%	-47 to -36%	○	○	○	○	○	○	○	●●●●●	
STARLING	-44%	-50 to -39%	○	○	○	○	○	○	○	●●●●●	TĀRINGI
SILVEREYE	-58%	-62 to -56%	○	○	○	○	○	○	○	●●●●●	TAUHOHU

NUMBER OF GARDEN SURVEYS



# How have bird counts changed?

## WELLINGTON REGION | 2007-2017

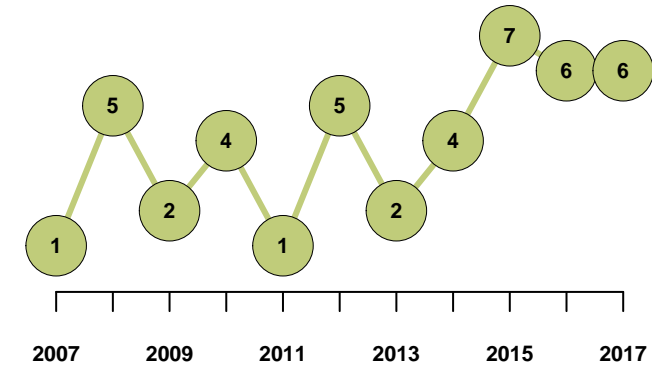


New Zealand  
**GARDEN  
BIRD  
SURVEY**

### Carterton

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
NEW ZEALAND PIGEON	126%	81 to 153%	○	○	○	○	○	○	●	●●●○○	KERERŪ
GREENFINCH	46%	26 to 61%	○	○	○	○	●	○	○	●●●●●	
BELLBIRD	39%	21 to 55%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
MYNA	9%	-108 to 42%	○	○	○	○	○	○	○	○○○○○	MAINA
FANTAIL	-3%	-9 to 1%	○	○	○	○	○	○	○	●●●●●	PĪWAIWAKA
BLACKBIRD	-4%	-8 to 0%	○	○	○	○	○	○	○	●●●●●	MANU PANGO
TUI	-9%	-16 to -3%	○	○	○	○	○	○	○	●○○○○	KŌKŌ
DUNNOCK	-10%	-20 to -2%	○	○	○	○	○	○	○	●○○○○	
SONG THRUSH	-11%	-18 to -6%	○	○	○	○	○	○	○	●●○○○	
HOUSE SPARROW	-16%	-22 to -8%	○	○	○	○	○	○	○	●●●●○	TIU
CHAFFINCH	-20%	-26 to -14%	○	○	○	○	○	○	○	●●●●●	PAHIRINI
GOLDFINCH	-41%	-48 to -34%	○	○	○	○	○	○	○	●●●●●	
STARLING	-42%	-49 to -36%	○	○	○	○	○	○	○	●●●●●	TĀRINGI
SILVEREYE	-62%	-66 to -59%	○	○	○	○	○	○	○	●●●●●	TAUHOU

NUMBER OF GARDEN SURVEYS





# How have bird counts changed?



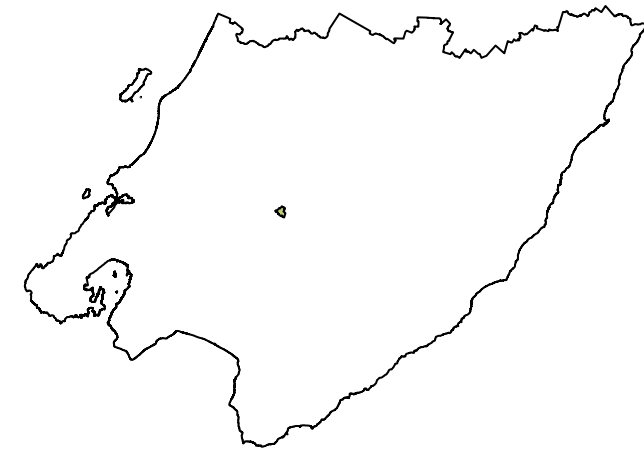
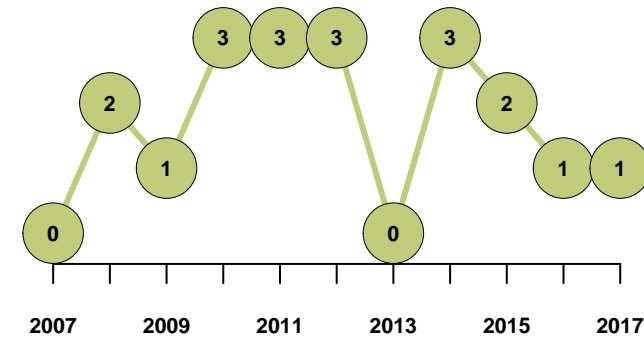
New Zealand  
**GARDEN BIRD SURVEY**

## WELLINGTON REGION | 2007-2017

### Featherston

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
GREENFINCH	48%	29 to 63%	○	○	○	○	●	○	○	●●●●●	
NEW ZEALAND PIGEON	43%	25 to 56%	○	○	○	○	●	○	○	●●●●●	KERERŪ
BELLBIRD	32%	20 to 43%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
MYNA	10%	-107 to 43%	○	○	○	○	○	○	○	○	MAINA
TUI	3%	-3 to 8%	○	○	○	○	○	○	○	●●●●●	KŌKŌ
FANTAIL	-2%	-7 to 2%	○	○	○	○	○	○	○	●●●●●	PĪWAIWAKA
BLACKBIRD	-6%	-10 to -2%	○	○	○	○	○	○	○	●●●●○	MANU PANGO
HOUSE SPARROW	-9%	-15 to -2%	○	○	○	○	○	○	○	●○○○○	TIU
CHAFFINCH	-18%	-24 to -13%	○	○	○	○	○	○	○	●●●●●	PAHIRINI
DUNNOCK	-25%	-34 to -17%	○	○	○	○	○	○	○	●○○○○	
SONG THRUSH	-26%	-31 to -21%	○	○	○	○	○	○	○	●●○○○	
STARLING	-35%	-41 to -29%	○	○	○	○	○	○	○	●●●●●	TĀRINGI
GOLDFINCH	-38%	-45 to -33%	○	○	○	○	○	○	○	●●●●●	
SILVEREYE	-64%	-67 to -61%	○	○	○	○	○	○	○	●●●●●	TAUHOU

### NUMBER OF GARDEN SURVEYS



# How have bird counts changed?

## WELLINGTON REGION | 2007-2017

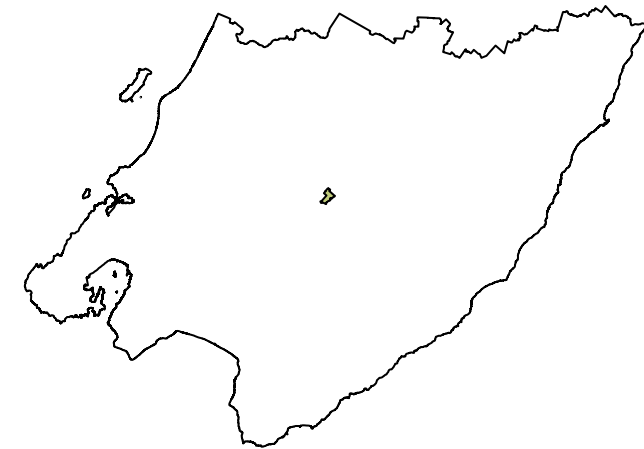
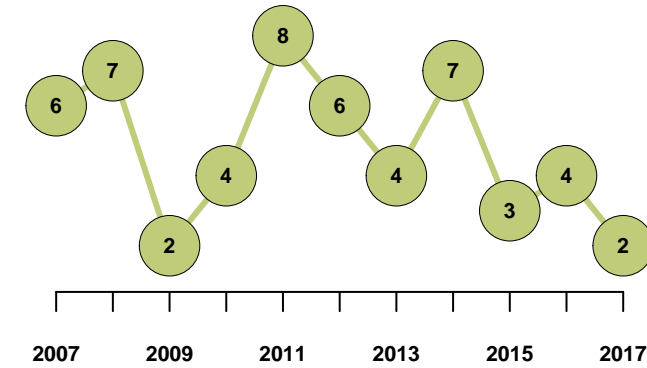
### Greytown



New Zealand  
**GARDEN BIRD SURVEY**

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
BELLBIRD	37%	25 to 51%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
HOUSE SPARROW	24%	18 to 32%	○	○	○	○	●	○	○	●●●●●	TIU
NEW ZEALAND PIGEON	21%	8 to 33%	○	○	○	○	●	○	○	●●●●○	KERERŪ
MYNA	9%	-108 to 42%	○	○	○	○	○	○	○	○	MAINA
GREENFINCH	4%	-13 to 19%	○	○	○	○	○	○	○	●○	KŌKŌ
TUI	0%	-6 to 4%	○	○	○	○	○	○	○	●●●●●	PĪWAIWAKA
FANTAIL	-2%	-7 to 3%	○	○	○	○	○	○	○	●●●●●	MANU PANGO
BLACKBIRD	-4%	-8 to 0%	○	○	○	○	○	○	○	●●●●●	PAHIRINI
SONG THRUSH	-8%	-15 to -2%	○	○	○	○	○	○	○	●●○	TĀRINGI
CHAFFINCH	-21%	-27 to -15%	○	○	○	○	○	○	○	●●●●●	TAUHOHU
DUNNOCK	-23%	-32 to -14%	○	○	○	○	○	○	○	●●●●●	
GOLDFINCH	-33%	-41 to -26%	○	○	○	○	○	○	○	●●●●●	
STARLING	-47%	-54 to -41%	○	○	○	○	○	○	○	●●●●●	
SILVEREYE	-65%	-69 to -62%	○	○	○	○	○	○	○	●●●●●	

NUMBER OF GARDEN SURVEYS



# How have bird counts changed?

## WELLINGTON REGION | 2007-2017

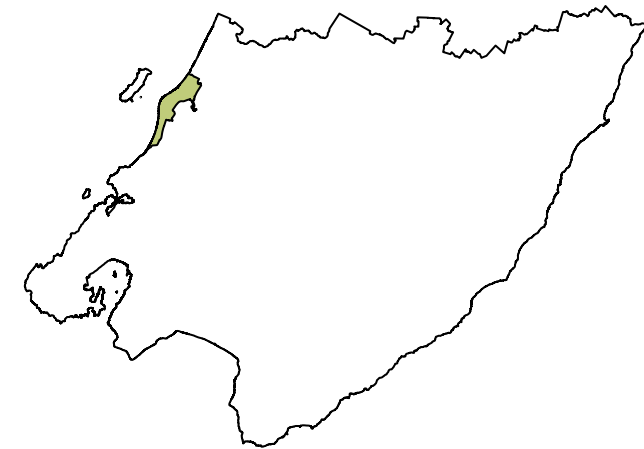
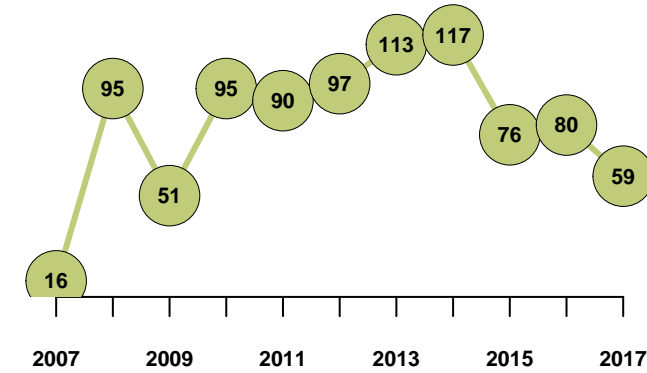
### Kapiti



New Zealand  
**GARDEN BIRD SURVEY**

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
GREENFINCH	86%	68 to 102%	○	○	○	○	○	●	○	●●●●●	
NEW ZEALAND PIGEON	61%	46 to 74%	○	○	○	○	○	●	○	●●●●○	KERERŪ
BELLBIRD	35%	24 to 47%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
MYNA	18%	-99 to 52%	○	○	○	○	○	○	○	●○○○○	MAINA
HOUSE SPARROW	7%	1 to 15%	○	○	○	○	○	○	○	●●○○○	TIU
TUI	-1%	-5 to 2%	○	○	○	○	○	○	○	●●●●●	KŌKŌ
FANTAIL	-3%	-9 to 1%	○	○	○	○	○	○	○	●●●●●	PĪWAIWAKA
BLACKBIRD	-8%	-12 to -3%	○	○	○	○	○	○	○	●●●○○	MANU PANGO
SONG THRUSH	-25%	-30 to -21%	○	○	○	○	○	○	○	●○○○○	
DUNNOCK	-27%	-35 to -18%	○	○	○	○	○	○	○	●●○○○	
CHAFFINCH	-27%	-32 to -21%	○	○	○	○	○	○	○	●●●○○	PAHIRINI
STARLING	-42%	-49 to -36%	○	○	○	○	○	○	○	●●●●●	TĀRINGI
GOLDFINCH	-51%	-59 to -45%	○	○	○	○	○	○	○	●●○○○	
SILVEREYE	-56%	-60 to -53%	○	○	○	○	○	○	○	●●●●●	TAUHOU

## NUMBER OF GARDEN SURVEYS





# How have bird counts changed?

## WELLINGTON REGION | 2007-2017

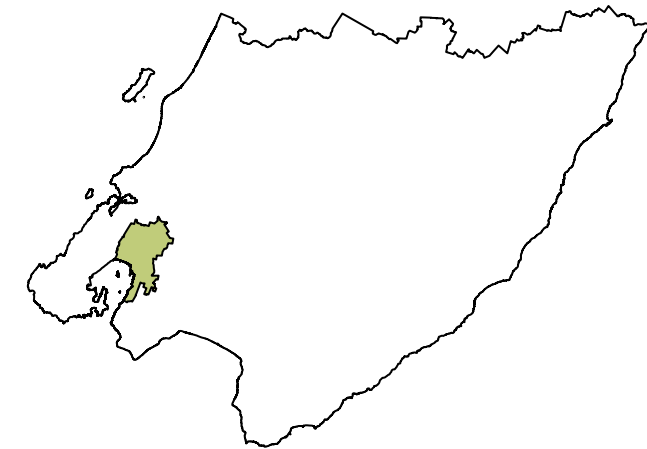
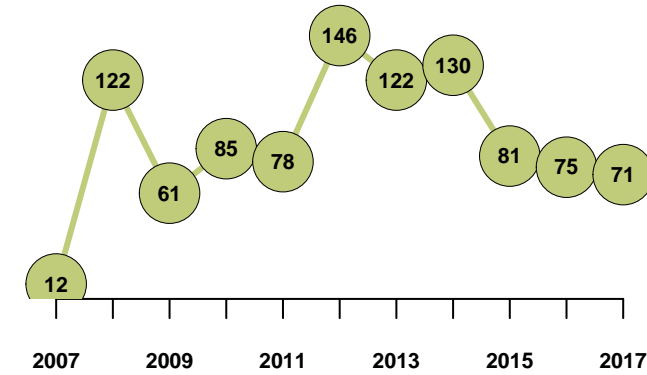
### Lower Hutt Zone



New Zealand  
**GARDEN BIRD SURVEY**

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
BELLBIRD	31%	22 to 43%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
NEW ZEALAND PIGEON	20%	8 to 30%	○	○	○	○	●	○	○	●●●●○	KERERŪ
HOUSE SPARROW	17%	11 to 24%	○	○	○	○	●	○	○	●●●●●	TIU
GREENFINCH	11%	-6 to 26%	○	○	○	○	●	○	○	●○○○○	
MYNA	10%	-107 to 44%	○	○	○	○	○	○	○	○○○○○	MAINA
BLACKBIRD	-8%	-12 to -4%	○	○	○	○	○	○	○	●●○○○	MANU PANGO
TUI	-9%	-14 to -5%	○	○	○	○	○	○	○	●○○○○	KŌKŌ
FANTAIL	-12%	-18 to -7%	○	○	○	○	○	○	○	●●●○○	PĪWAIWAKA
DUNNOCK	-26%	-34 to -17%	○	○	○	○	○	○	○	●○○○○	
CHAFFINCH	-31%	-37 to -26%	○	○	○	○	○	○	○	●●●●●	PAHIRINI
SONG THRUSH	-34%	-38 to -31%	○	○	○	○	○	○	○	●●●●●	
STARLING	-41%	-46 to -35%	○	○	○	○	○	○	○	●●●●●	TĀRINGI
GOLDFINCH	-48%	-54 to -42%	○	○	○	○	○	○	○	●●●●●	
SILVEREYE	-60%	-63 to -57%	○	○	○	○	○	○	○	●●●●●	TAUHOU

NUMBER OF GARDEN SURVEYS





# How have bird counts changed?

## WELLINGTON REGION | 2007-2017

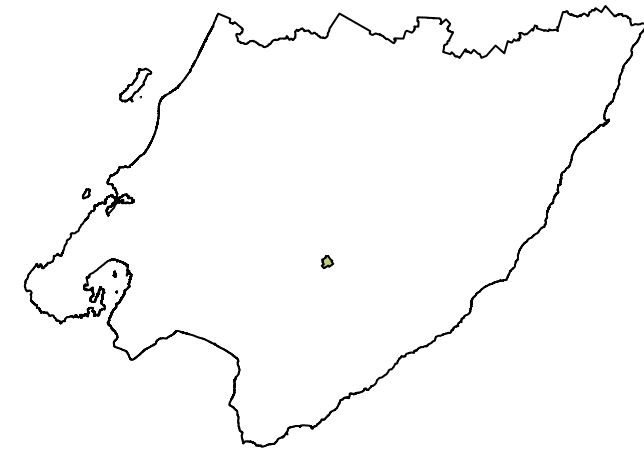
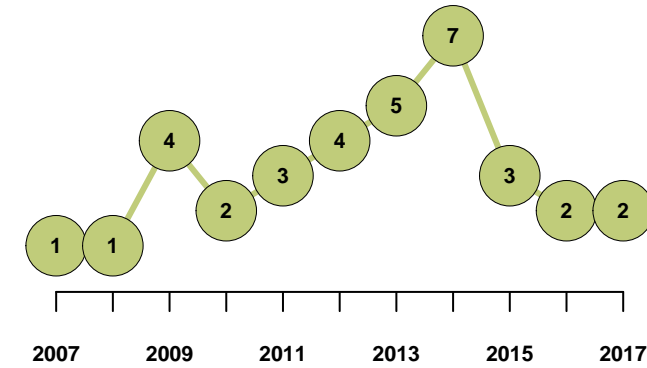
### Martinborough



New Zealand  
**GARDEN BIRD SURVEY**

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
NEW ZEALAND PIGEON	76%	36 to 102%	○	○	○	○	○	●	○	●●●●○	KERERŪ
GREENFINCH	45%	25 to 60%	○	○	○	○	●	○	○	●●●●●	
BELLBIRD	34%	23 to 45%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
HOUSE SPARROW	21%	15 to 28%	○	○	○	○	●	○	○	●●●●●	TIU
MYNA	9%	-108 to 43%	○	○	○	○	○	○	○	○●○●○	MAINA
TUI	2%	-4 to 7%	○	○	○	○	○	○	○	●●●●●	KŌKŌ
FANTAIL	-2%	-7 to 3%	○	○	○	○	○	○	○	●●●●●	PĪWAIWAKA
BLACKBIRD	-6%	-10 to -2%	○	○	○	○	○	○	○	●●●●○	MANU PANGO
DUNNOCK	-13%	-23 to -5%	○	○	○	○	○	○	○	●●●○	
SONG THRUSH	-21%	-28 to -16%	○	○	○	○	○	○	○	●●●●●	
GOLDFINCH	-24%	-32 to -19%	○	○	○	○	○	○	○	●●●●●	
CHAFFINCH	-28%	-34 to -22%	○	○	○	○	○	○	○	●●●○	PAHIRINI
STARLING	-33%	-39 to -26%	○	○	○	○	○	○	○	●●●●●	TĀRINGI
SILVEREYE	-59%	-63 to -56%	○	○	○	○	○	○	○	●●●●●	TAUHOU

NUMBER OF GARDEN SURVEYS



# How have bird counts changed?

## WELLINGTON REGION | 2007-2017

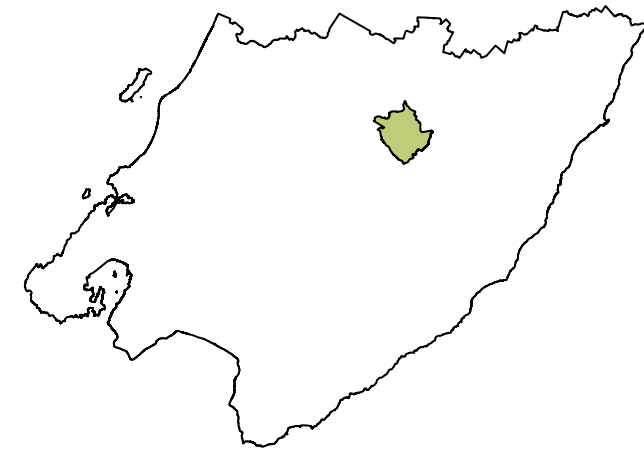
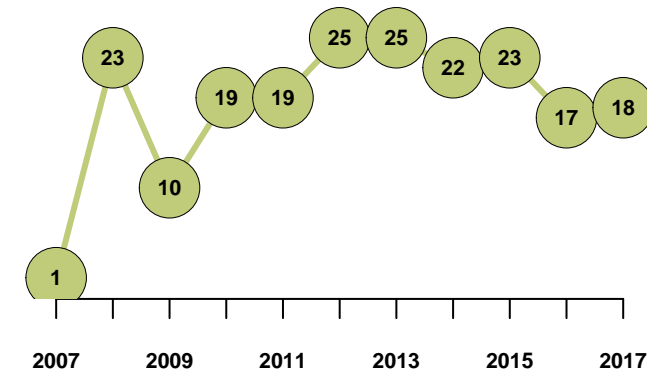


New Zealand  
**GARDEN BIRD SURVEY**

### Masterton

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
NEW ZEALAND PIGEON	102%	62 to 131%	○	○	○	○	○	○	●	●○○○○	KERERŪ
GREENFINCH	86%	68 to 100%	○	○	○	○	○	●	○	●●●●●	
BELLBIRD	36%	23 to 49%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
MYNA	29%	-88 to 62%	○	○	○	○	●	○	○	●●○○○	MAINA
FANTAIL	-4%	-9 to 0%	○	○	○	●	○	○	○	●●●●●	PĪWAIWAKA
TUI	-6%	-11 to -2%	○	○	○	●	○	○	○	●●●●○	KŌKŌ
BLACKBIRD	-6%	-11 to -3%	○	○	○	●	○	○	○	●●●●○	MANU PANGO
HOUSE SPARROW	-14%	-20 to -7%	○	○	●	○	○	○	○	●●●○○	TIU
DUNNOCK	-14%	-26 to -4%	○	○	●	○	○	○	○	●●●○○	
CHAFFINCH	-20%	-25 to -14%	○	○	●	○	○	○	○	●●●●●	PAHIRINI
SONG THRUSH	-28%	-33 to -24%	○	●	○	○	○	○	○	●●●●○	
GOLDFINCH	-33%	-40 to -27%	○	●	○	○	○	○	○	●●●●●	
STARLING	-43%	-49 to -38%	○	●	○	○	○	○	○	●●●●●	TĀRINGI
SILVEREYE	-55%	-59 to -53%	●	○	○	○	○	○	○	●●●●●	TAUHOU

NUMBER OF GARDEN SURVEYS



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## WELLINGTON REGION | 2007-2017

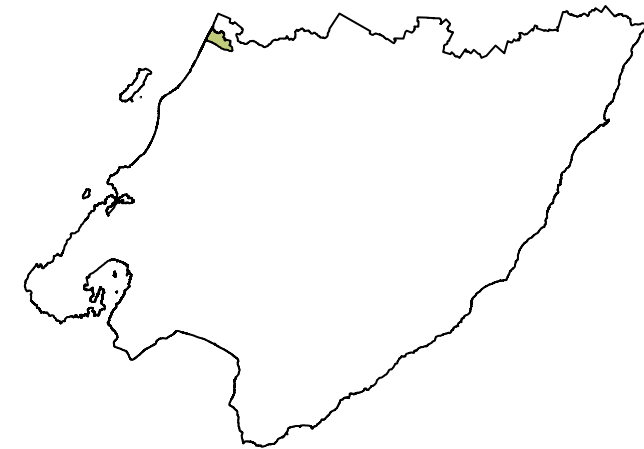
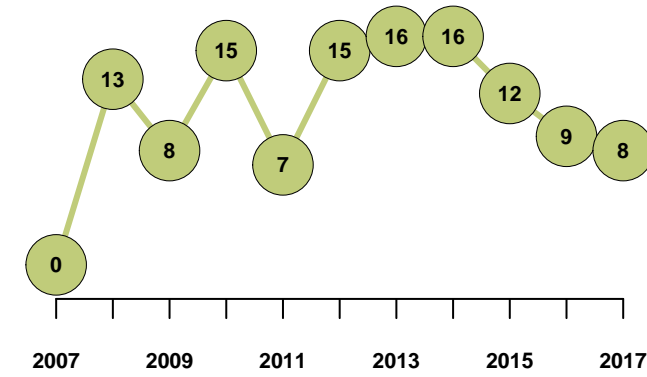
### Otaki



New Zealand  
**GARDEN BIRD SURVEY**

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
GREENFINCH	94%	74 to 111%	○	○	○	○	○	●	○	●●●●●	
BELLBIRD	41%	20 to 59%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
NEW ZEALAND PIGEON	23%	4 to 38%	○	○	○	○	●	○	○	●●●●○	KERERŪ
HOUSE SPARROW	14%	7 to 22%	○	○	○	○	●	○	○	●●●●○	TIU
MYNA	7%	-110 to 40%	○	○	○	○	○	○	○	○●○●○	MAINA
FANTAIL	-1%	-7 to 4%	○	○	○	○	○	○	○	●●●●●	PĪWAIWAKA
BLACKBIRD	-9%	-14 to -4%	○	○	○	○	○	○	○	●●○●○	MANU PANGO
SONG THRUSH	-11%	-18 to -5%	○	○	○	○	○	○	○	●●○●○	
TUI	-17%	-22 to -13%	○	○	○	○	○	○	○	●●●●●	KŌKŌ
CHAFFINCH	-24%	-30 to -18%	○	○	○	○	○	○	○	●●●●●	PAHIRINI
GOLDFINCH	-33%	-45 to -26%	○	○	○	○	○	○	○	●●●●●	
DUNNOCK	-33%	-43 to -24%	○	○	○	○	○	○	○	●●●●○	
STARLING	-39%	-47 to -32%	○	○	○	○	○	○	○	●●●●●	TĀRINGI
SILVEREYE	-52%	-57 to -49%	○	○	○	○	○	○	○	●●●●○	TAUHOU

NUMBER OF GARDEN SURVEYS





# How have bird counts changed?

## WELLINGTON REGION | 2007-2017

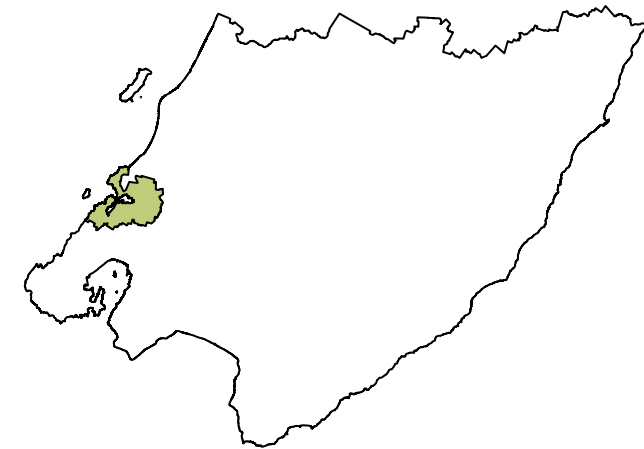
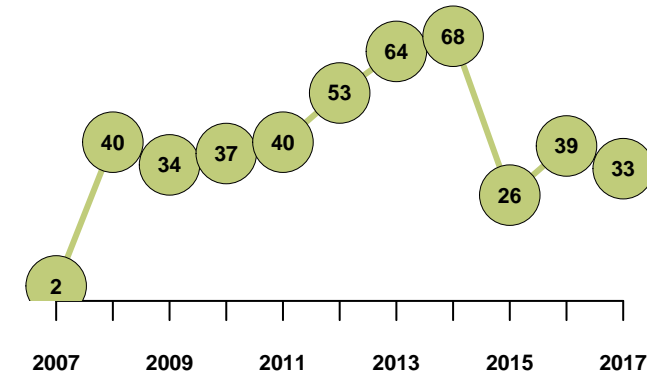
### Porirua Zone



New Zealand  
**GARDEN BIRD SURVEY**

	Median	80% Confidence Interval		Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
NEW ZEALAND PIGEON	66%	48	to 81%	○	○	○	○	○	●	○	●●●●○	KERERŪ
GREENFINCH	42%	24	to 57%	○	○	○	○	●	○	○	●●●●●	
BELLBIRD	34%	23	to 46%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
MYNA	9%	-108	to 43%	○	○	○	○	○	○	○	○●○●○	MAINA
TUI	5%	1	to 9%	○	○	○	○	○	○	○	●●●●●	KŌKŌ
HOUSE SPARROW	2%	-2	to 10%	○	○	○	○	○	○	○	●●●●○	TIU
FANTAIL	-4%	-9	to 0%	○	○	○	○	○	○	○	●●●●●	PĪWAIWAKA
BLACKBIRD	-4%	-7	to 0%	○	○	○	○	○	○	○	●●●●●	MANU PANGO
CHAFFINCH	-23%	-29	to -17%	○	○	○	○	○	○	○	●●●●●	PAHIRINI
DUNNOCK	-26%	-34	to -17%	○	○	○	○	○	○	○	●○●○●	
STARLING	-41%	-46	to -35%	○	○	○	○	○	○	○	●●●●●	TĀRINGI
SONG THRUSH	-43%	-47	to -39%	○	○	○	○	○	○	○	●●●●●	
GOLDFINCH	-46%	-52	to -40%	○	○	○	○	○	○	○	●●●●●	
SILVEREYE	-57%	-61	to -55%	○	○	○	○	○	○	○	●●●●●	TAUHO

NUMBER OF GARDEN SURVEYS





# How have bird counts changed?

WELLINGTON REGION | 2007-2017

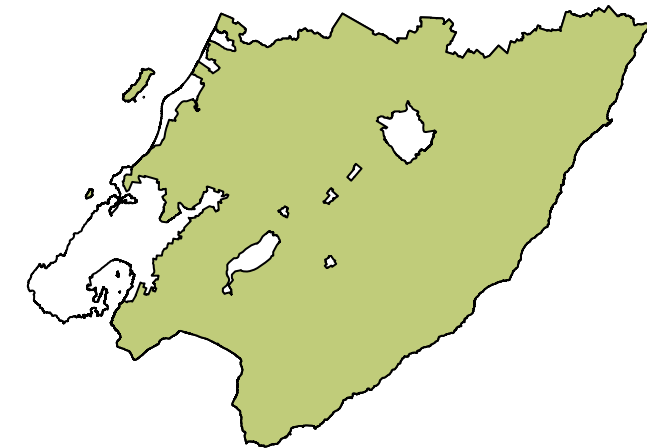
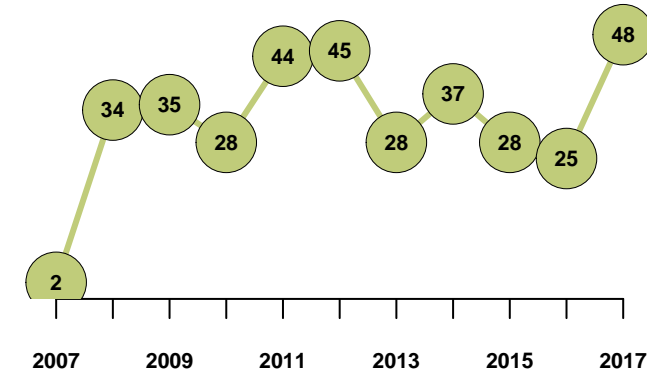
Rural (Incl. some Off Shore Islands)



New Zealand  
**GARDEN BIRD SURVEY**

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
GREENFINCH	73%	53 to 88%	○	○	○	○	○	●	○	●●●●●	
NEW ZEALAND PIGEON	52%	35 to 66%	○	○	○	○	○	●	○	●○○○○	KERERŪ
MYNA	33%	-84 to 67%	○	○	○	○	○	○	○	●●○○○	MAINA
BELLBIRD	25%	15 to 36%	○	○	○	○	○	○	○	●●●●●	KORIMAKO
TUI	5%	2 to 8%	○	○	○	○	○	○	○	●●●●●	KŌKŌ
HOUSE SPARROW	-2%	-8 to 4%	○	○	○	○	○	○	○	●●●●●	TIU
FANTAIL	-2%	-4 to 0%	○	○	○	○	○	○	○	●●●●●	PĪWAIWAKA
BLACKBIRD	-7%	-11 to -3%	○	○	○	○	○	○	○	●●●○○	MANU PANGO
SONG THRUSH	-14%	-18 to -10%	○	○	○	○	○	○	○	●●●●●	
GOLDFINCH	-19%	-27 to -14%	○	○	○	○	○	○	○	●●●●●	
DUNNOCK	-21%	-29 to -14%	○	○	○	○	○	○	○	●●●●●	
CHAFFINCH	-21%	-25 to -16%	○	○	○	○	○	○	○	●●●●●	PAHIRINI
STARLING	-47%	-53 to -41%	○	○	○	○	○	○	○	●●●●●	TĀRINGI
SILVEREYE	-59%	-63 to -56%	○	○	○	○	○	○	○	●●●●●	TAUHOU

NUMBER OF GARDEN SURVEYS



# How have bird counts changed?

## WELLINGTON REGION | 2007-2017

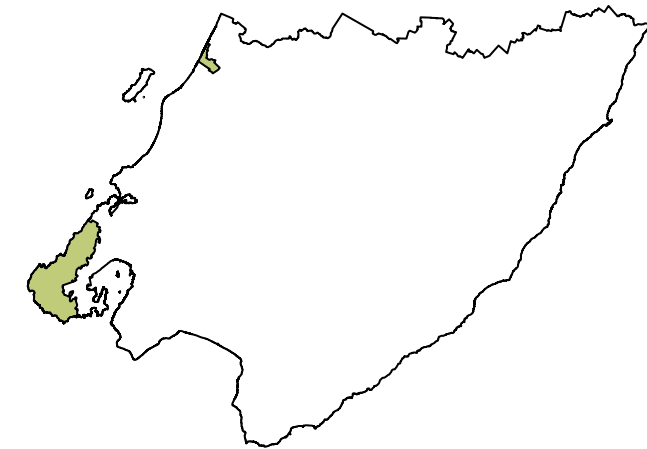
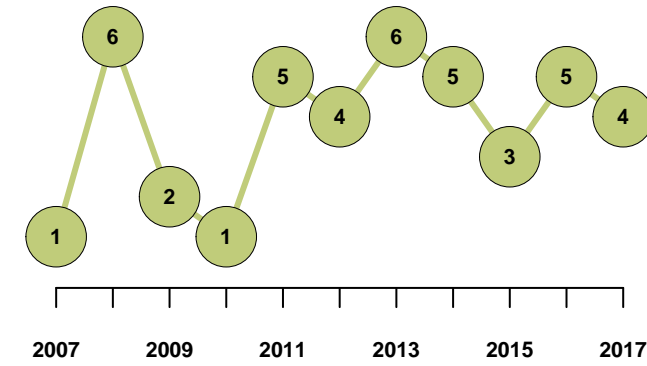


New Zealand  
**GARDEN BIRD SURVEY**

### Rural Centre

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
GREENFINCH	92%	73 to 107%	○	○	○	○	○	●	○	●●●●●	
NEW ZEALAND PIGEON	78%	52 to 94%	○	○	○	○	○	●	○	●●●●●	KERERŪ
BELLBIRD	28%	18 to 39%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
HOUSE SPARROW	11%	6 to 18%	○	○	○	○	●	○	○	●●○○○	TIU
MYNA	9%	-108 to 43%	○	○	○	○	○	○	○	○○○○○	MAINA
FANTAIL	-4%	-6 to -2%	○	○	○	○	○	○	○	●●●●●	PĪWAIWAKA
BLACKBIRD	-7%	-11 to -3%	○	○	○	○	○	○	○	●●●●○	MANU PANGO
TUI	-15%	-20 to -10%	○	○	○	○	○	○	○	●●●●●	KŌKŌ
DUNNOCK	-22%	-30 to -14%	○	○	○	○	○	○	○	●●●●●	
CHAFFINCH	-27%	-32 to -21%	○	○	○	○	○	○	○	●●○○○	PAHIRINI
STARLING	-30%	-36 to -24%	○	○	○	○	○	○	○	●●●●○	TĀRINGI
SONG THRUSH	-33%	-37 to -29%	○	○	○	○	○	○	○	●●●●●	
GOLDFINCH	-40%	-46 to -34%	○	○	○	○	○	○	○	●●●●●	
SILVEREYE	-58%	-62 to -56%	○	○	○	○	○	○	○	●●●●●	TAUHOU

### NUMBER OF GARDEN SURVEYS



# How have bird counts changed?

## WELLINGTON REGION | 2007-2017

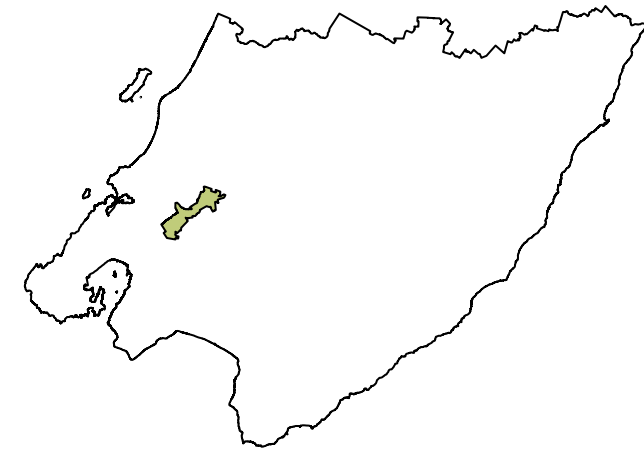
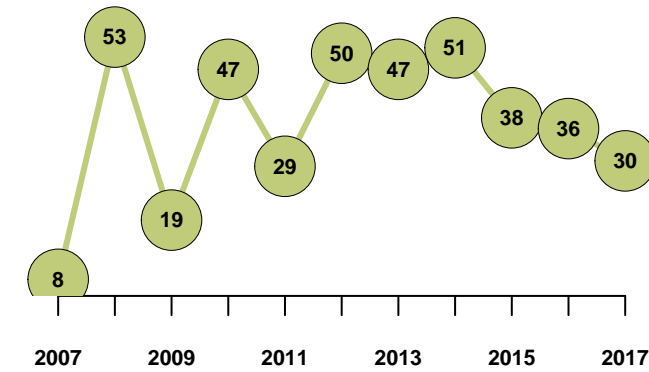
### Upper Hutt Zone



New Zealand  
**GARDEN  
BIRD  
SURVEY**

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
NEW ZEALAND PIGEON	35%	23 to 46%	○	○	○	○	●	○	○	●●●●●	KERERŪ
GREENFINCH	35%	17 to 49%	○	○	○	○	●	○	○	●●●●●	
BELLBIRD	34%	24 to 45%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
MYNA	3%	-114 to 37%	○	○	○	○	○	○	○	○	MAINA
HOUSE SPARROW	-1%	-6 to 5%	○	○	○	○	○	○	○	●●●●●	TIU
FANTAIL	-6%	-11 to -1%	○	○	○	○	○	○	○	●●●●○	PĪWAIWAKA
BLACKBIRD	-8%	-12 to -4%	○	○	○	○	○	○	○	●●●○	MANU PANGO
CHAFFINCH	-17%	-24 to -12%	○	○	○	○	○	○	○	●●●●●	PAHIRINI
TUI	-18%	-23 to -13%	○	○	○	○	○	○	○	●●●●●	KŌKŌ
DUNNOCK	-25%	-34 to -17%	○	○	○	○	○	○	○	●○	
SONG THRUSH	-35%	-39 to -31%	○	○	○	○	○	○	○	●●●●●	
GOLDFINCH	-42%	-49 to -37%	○	○	○	○	○	○	○	●●●●●	
STARLING	-49%	-54 to -43%	○	○	○	○	○	○	○	●●●●●	TĀRINGI
SILVEREYE	-61%	-65 to -59%	○	○	○	○	○	○	○	●●●●●	TAUHOHU

NUMBER OF GARDEN SURVEYS





# How have bird counts changed?

## WELLINGTON REGION | 2007-2017

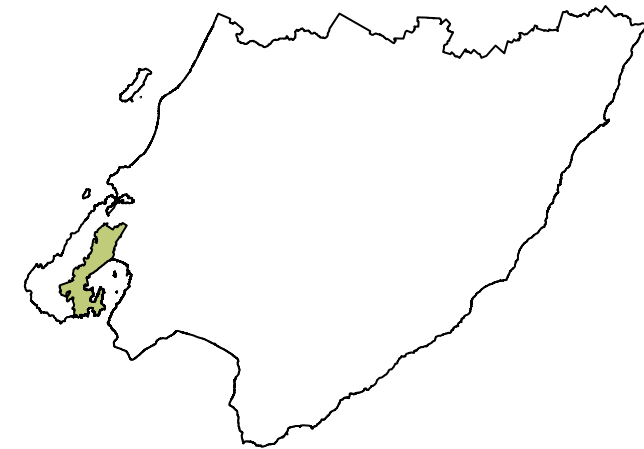
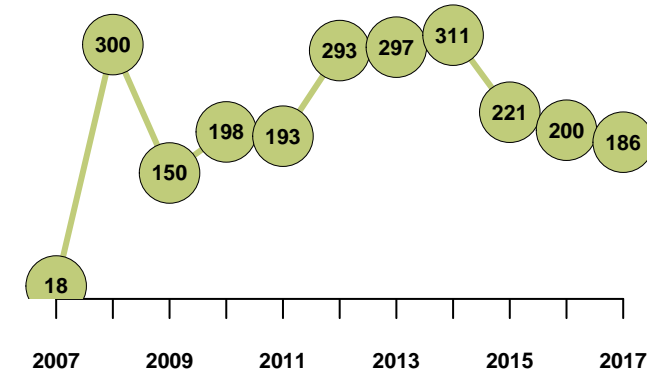
### Wellington Zone



New Zealand  
**GARDEN BIRD SURVEY**

	Median	80% Confidence Interval	Rapid decline	Moderate decline	Shallow decline	No or little change	Shallow increase	Moderate increase	Rapid increase	Quality rating	
NEW ZEALAND PIGEON	76%	61 to 88%	○	○	○	○	○	●	○	●●●●●	KERERŪ
BELLBIRD	38%	22 to 53%	○	○	○	○	●	○	○	●●●●●	KORIMAKO
TUI	11%	7 to 14%	○	○	○	○	●	○	○	●●○○○	KŌKŌ
HOUSE SPARROW	7%	1 to 13%	○	○	○	●	○	○	○	●●●○○	TIU
GREENFINCH	6%	-12 to 22%	○	○	○	●	○	○	○	○○○○○	
MYNA	-1%	-119 to 32%	○	○	○	●	○	○	○	○○○○○	MAINA
BLACKBIRD	-3%	-7 to 1%	○	○	○	●	○	○	○	●●●●●	MANU PANGO
FANTAIL	-11%	-16 to -6%	○	○	●	○	○	○	○	●●○○○	PĪWAIWAKA
DUNNOCK	-23%	-32 to -15%	○	○	●	○	○	○	○	●●●●●	
CHAFFINCH	-34%	-39 to -29%	○	●	○	○	○	○	○	●●●●●	PAHIRINI
GOLDFINCH	-39%	-45 to -33%	○	●	○	○	○	○	○	●●●●●	
STARLING	-47%	-53 to -42%	○	●	○	○	○	○	○	●●●●●	TĀRINGI
SONG THRUSH	-57%	-62 to -52%	●	○	○	○	○	○	○	●●●●●	
SILVEREYE	-58%	-62 to -55%	●	○	○	○	○	○	○	●●●●●	TAUHOU

NUMBER OF GARDEN SURVEYS







New Zealand  
**GARDEN  
BIRD  
SURVEY**

**2018**  
30 June to 8 July

**Visit our webpage to learn more:**  
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