



OTAGO REGION

State of NZ Garden Birds 2017 Te Āhua o ngā Manu o te Kāri i Aotearoa





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?

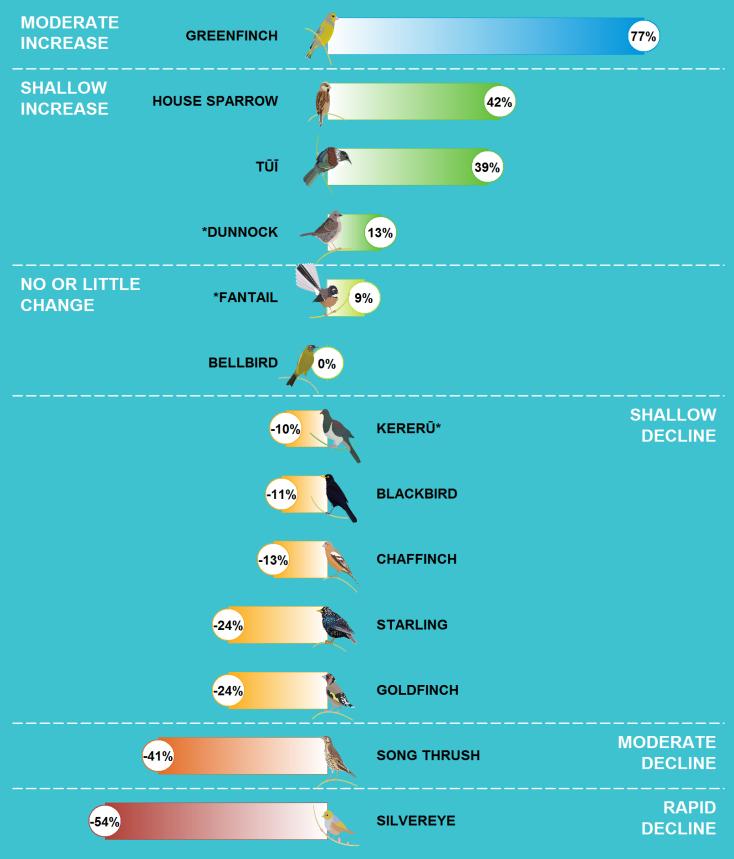


Drawing attention to changes in counts that may be of concern or interest



New Zealand GARDEN BIRD SURVEY

OTAGO REGION | 2007-2017

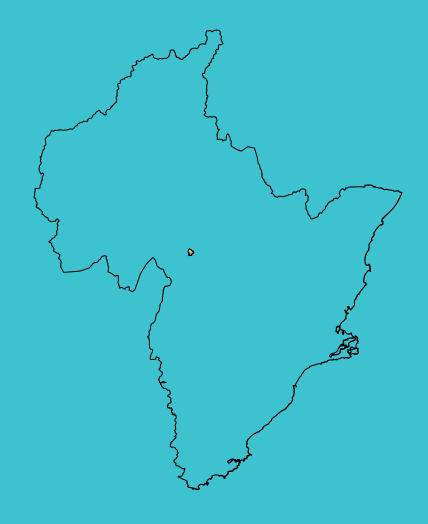


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 4316 garden surveys in this specific area.

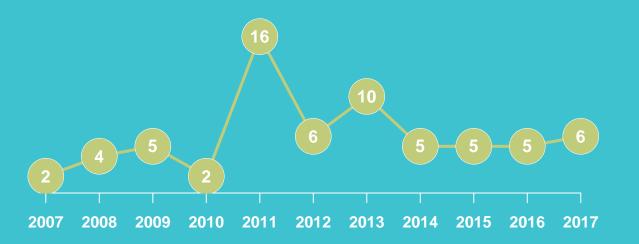


^{*} Based on available data, evidence for these species' estimates is weak.





OTAGO REGION ALEXANDRA

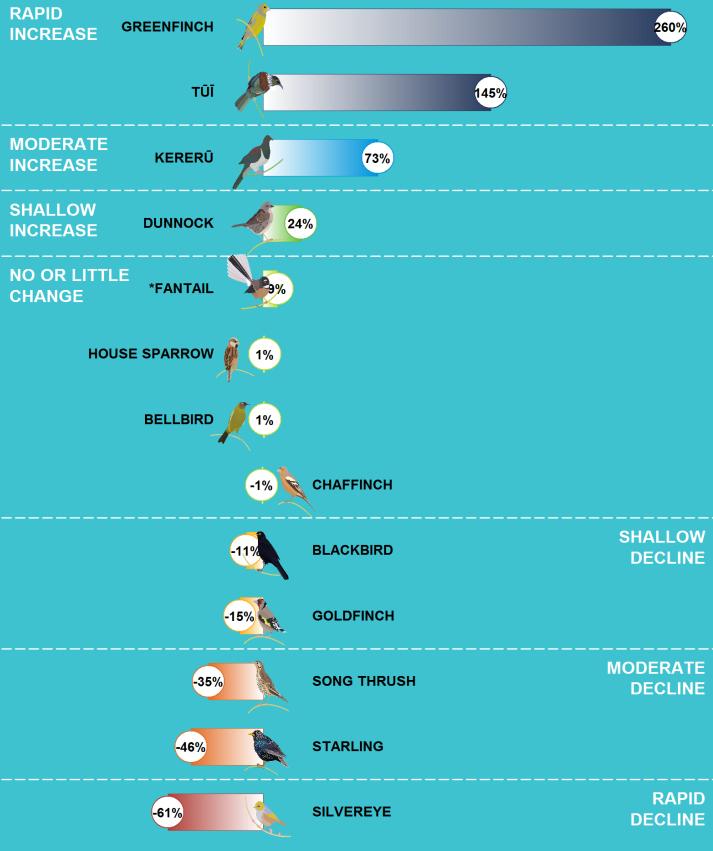




OTAGO REGION | 2007-2017

Alexandra





Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 66 garden surveys in this specific area.

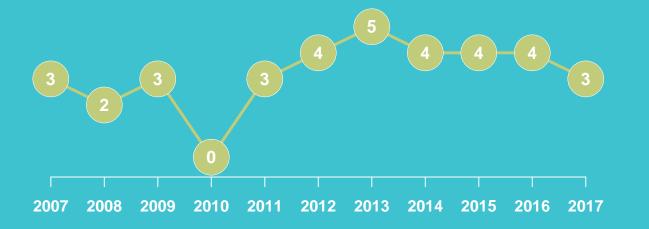


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OTAGO REGION ARROWTOWN

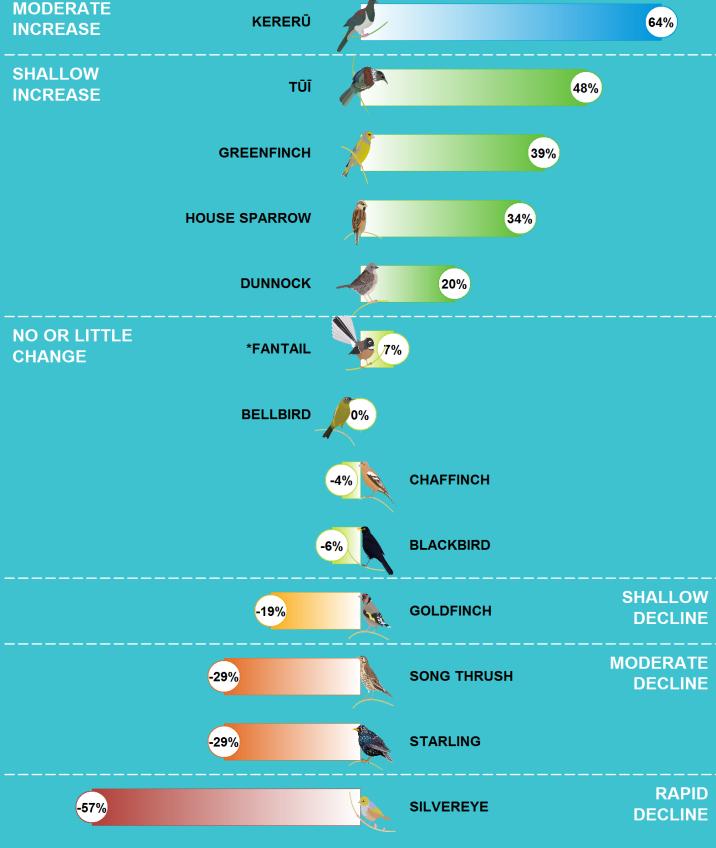




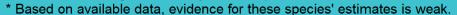
OTAGO REGION | 2007-2017

Arrowtown





Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 35 garden surveys in this specific area.









OTAGO REGION BALCLUTHA

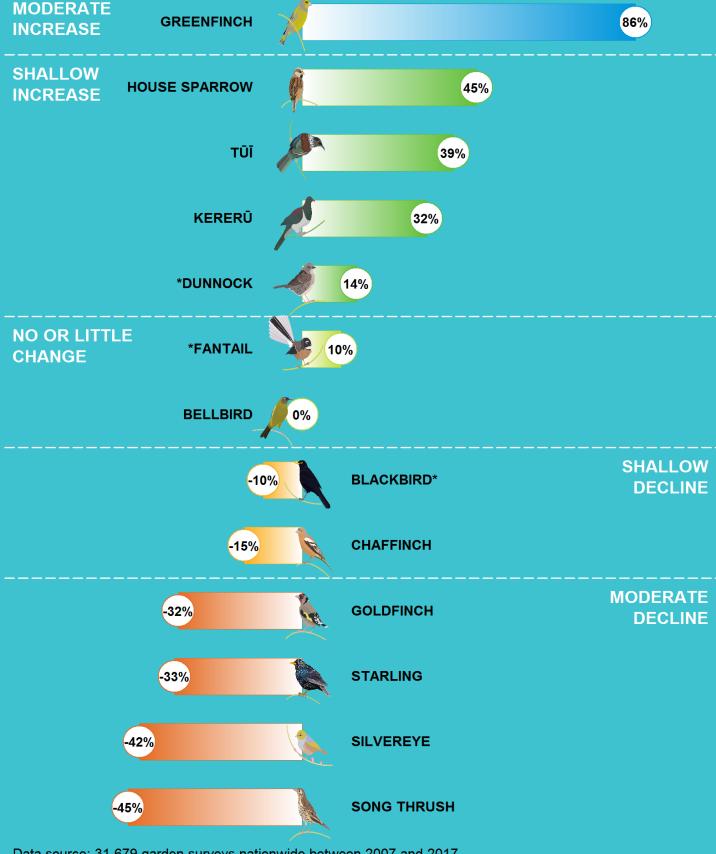




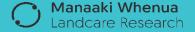
OTAGO REGION | 2007-2017

Balclutha



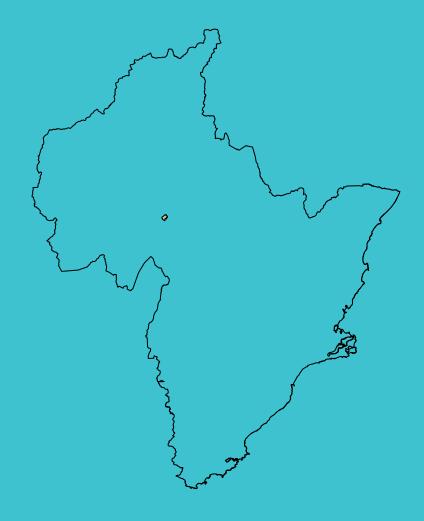


Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 56 garden surveys in this specific area.

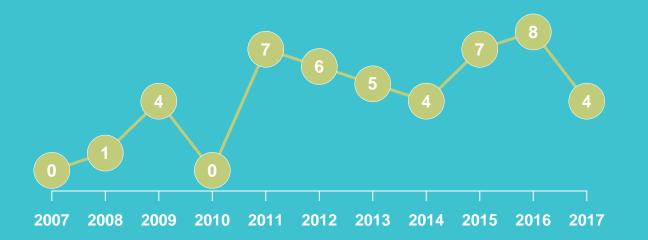


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OTAGO REGION CROMWELL

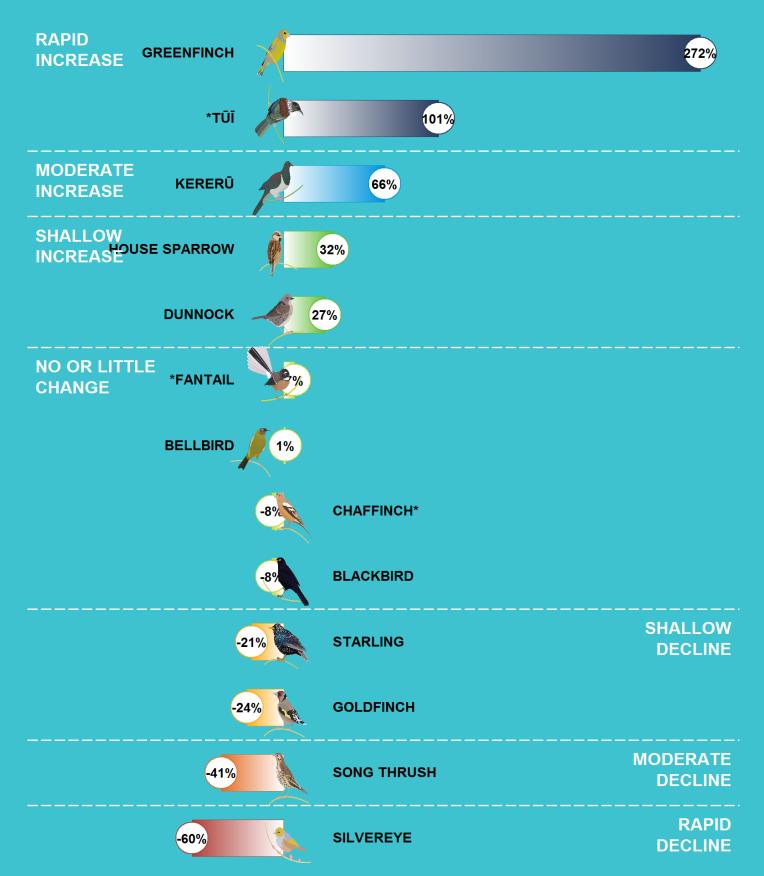




New Zealand GARDEN BIRD SURVEY

OTAGO REGION | 2007-2017

Cromwell



Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 46 garden surveys in this specific area.



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





OTAGO REGION DUNEDIN

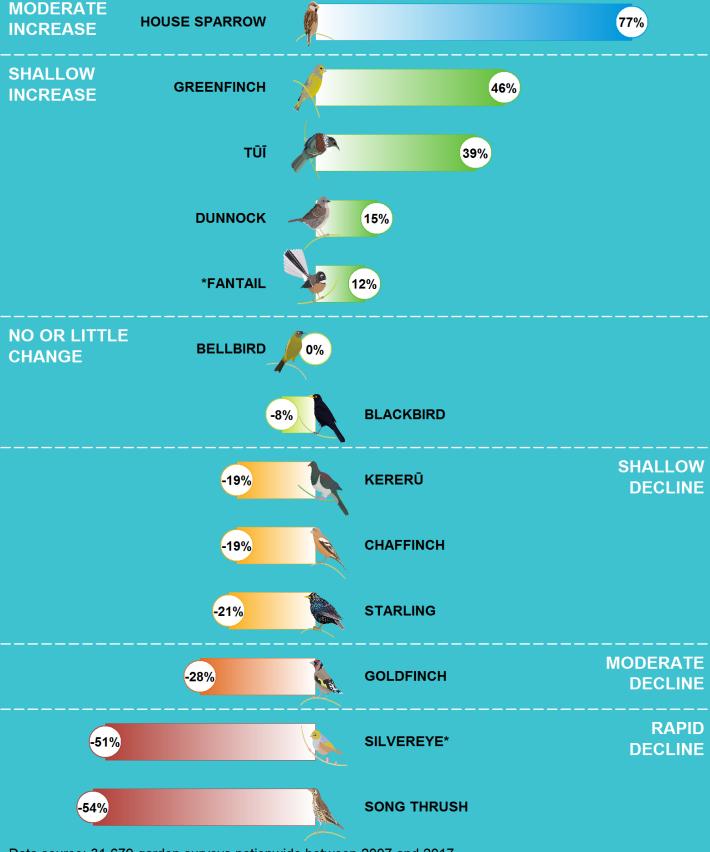




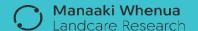
OTAGO REGION | 2007-2017

Dunedin





Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 2863 garden surveys in this specific area.

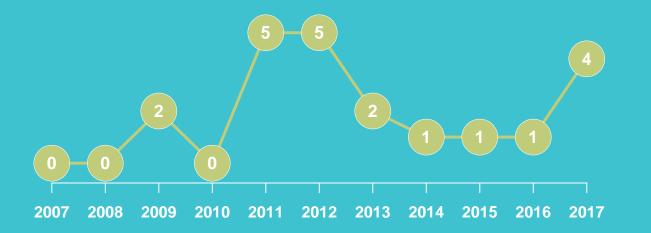


^{*} Based on available data, evidence for these species' estimates is weak.





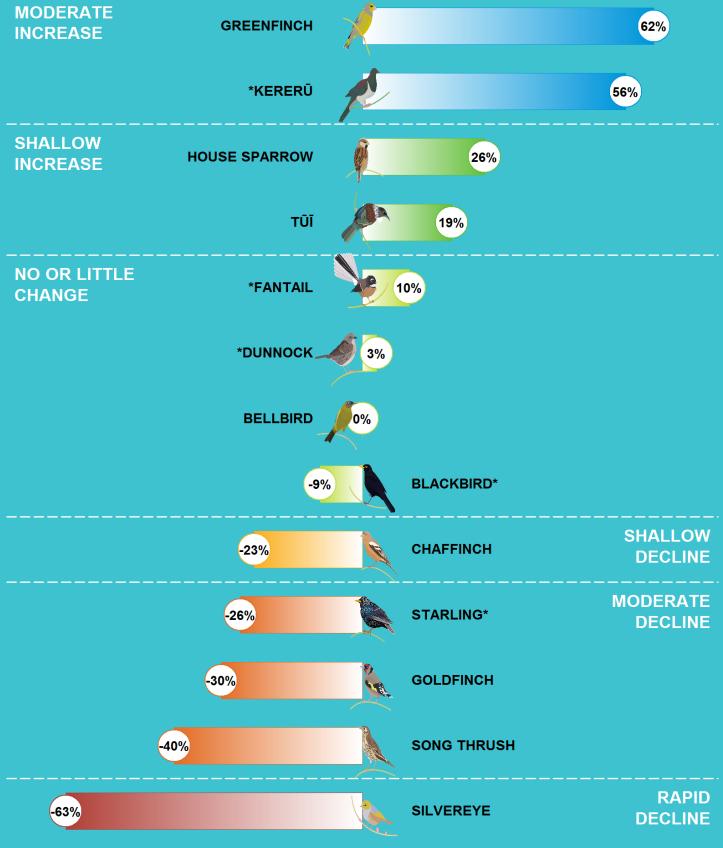
OTAGO REGION MILTON





Mew Zealand GARDEN BIRD SURVEY

OTAGO REGION | 2007-2017 Milton



Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 21 garden surveys in this specific area.



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





OTAGO REGION OAMARU

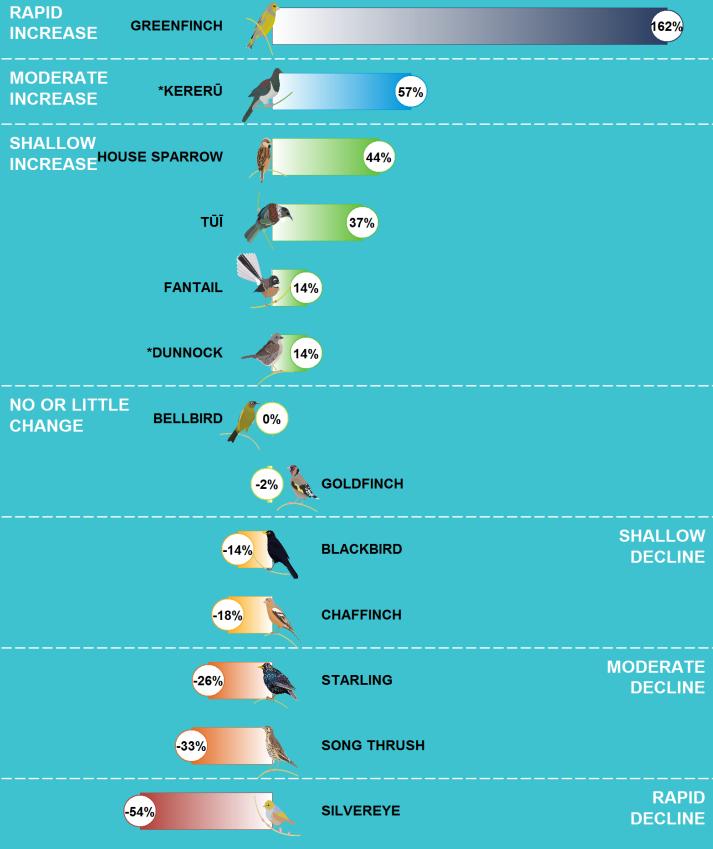




New Zealand GARDEN BIRD SURVEY

OTAGO REGION | 2007-2017

Oamaru



Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 162 garden surveys in this specific area.

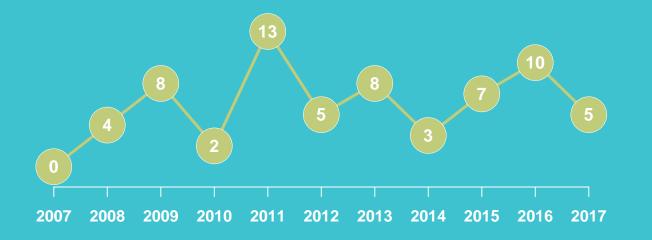


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OTAGO REGION QUEENSTOWN

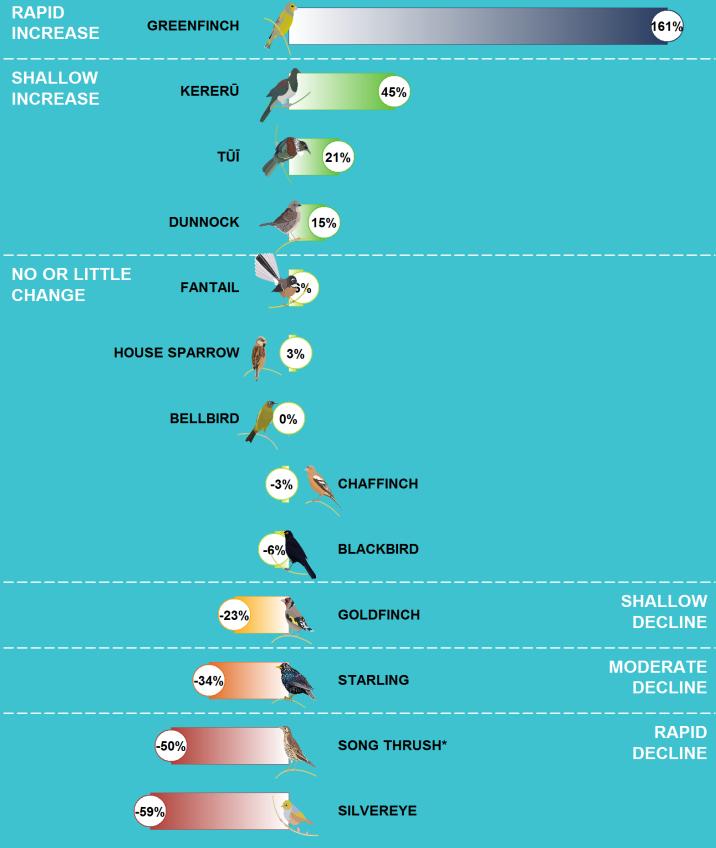




New Zealand GARDEN BIRD SURVEY

OTAGO REGION | 2007-2017

Queenstown



Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 65 garden surveys in this specific area.



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





OTAGO REGION RURAL (INCL.SOME OFF SHORE ISLANDS)

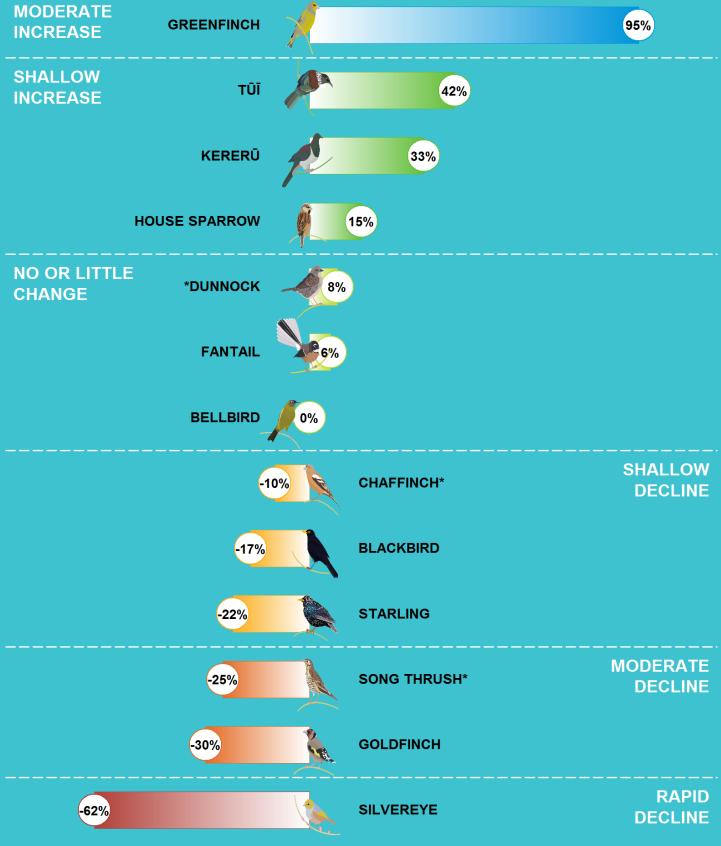




OTAGO REGION | 2007-2017

Rural (Incl.some Off Shore Islands)





Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 624 garden surveys in this specific area.



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





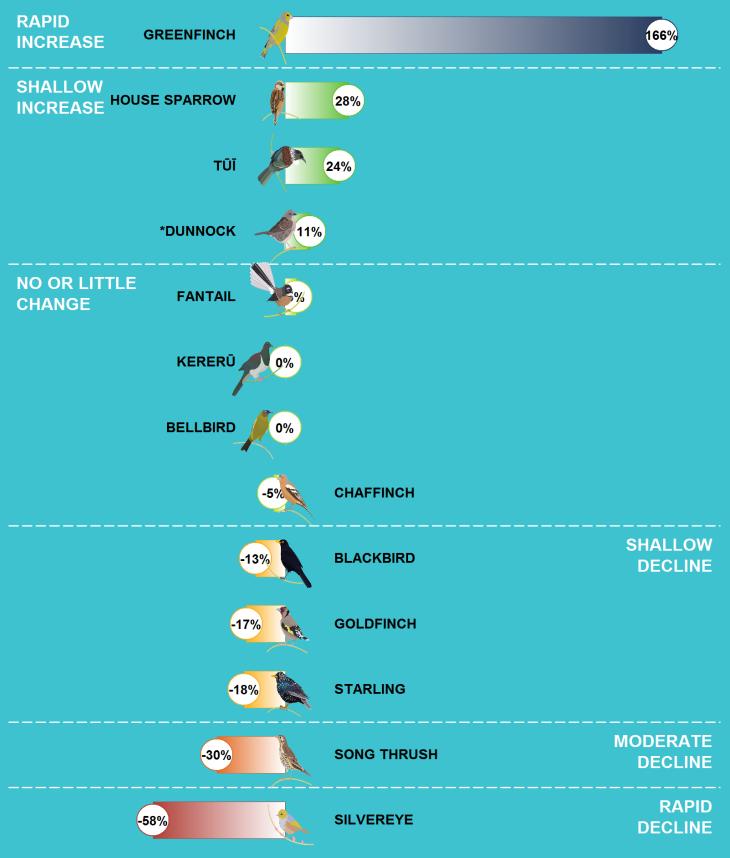
OTAGO REGION RURAL CENTRE





New Zealand GARDEN BIRD SURVEY

OTAGO REGION | 2007-2017 Rural Centre



Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 232 garden surveys in this specific area.

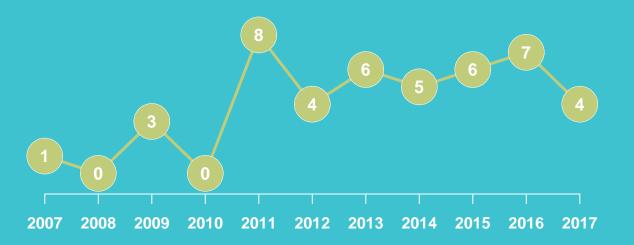


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OTAGO REGION WAIKOUAITI

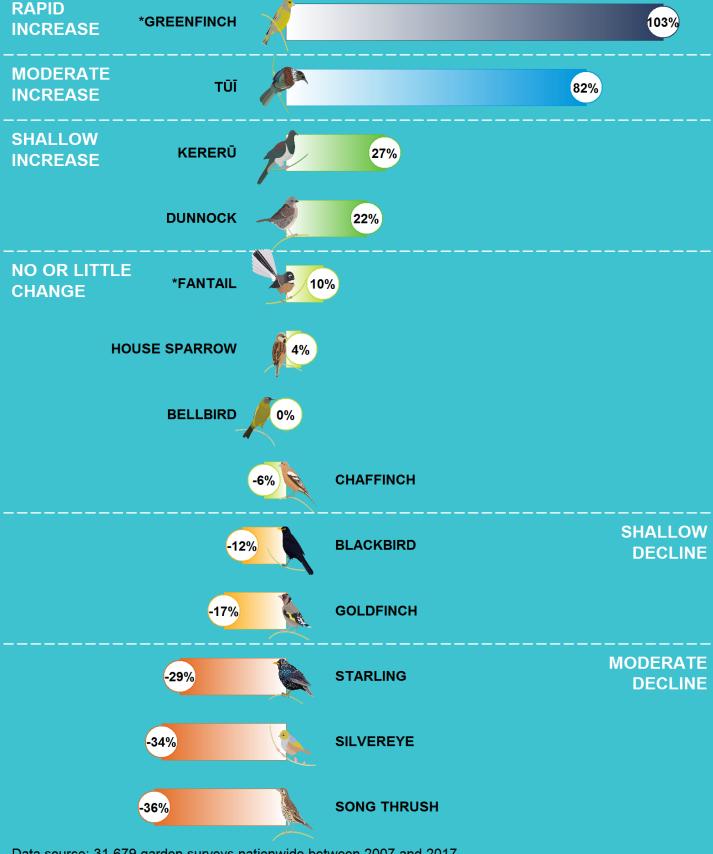




OTAGO REGION | 2007-2017

Waikouaiti





Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 44 garden surveys in this specific area.

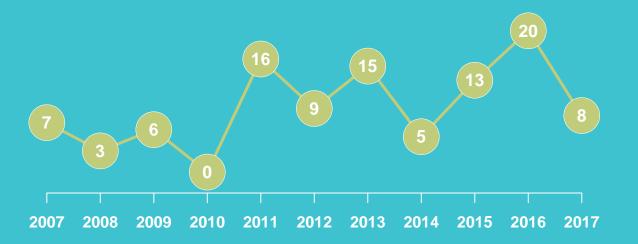


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OTAGO REGION WANAKA

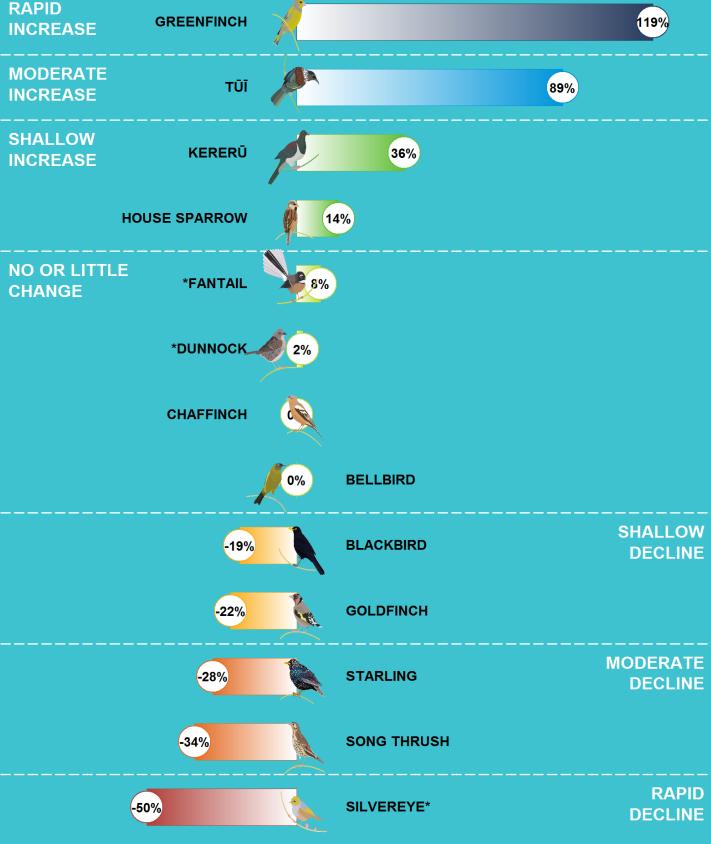




New Zealand GARDEN BIRD SURVEY

OTAGO REGION | 2007-2017

Wanaka



Data source: 31,679 garden surveys nationwide between 2007 and 2017. This includes 102 garden surveys in this specific area.



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



2018
30 June to 8 July

Visit our webpage to learn more:

gardenbirdsurvey.landcareresearch.co.nz

