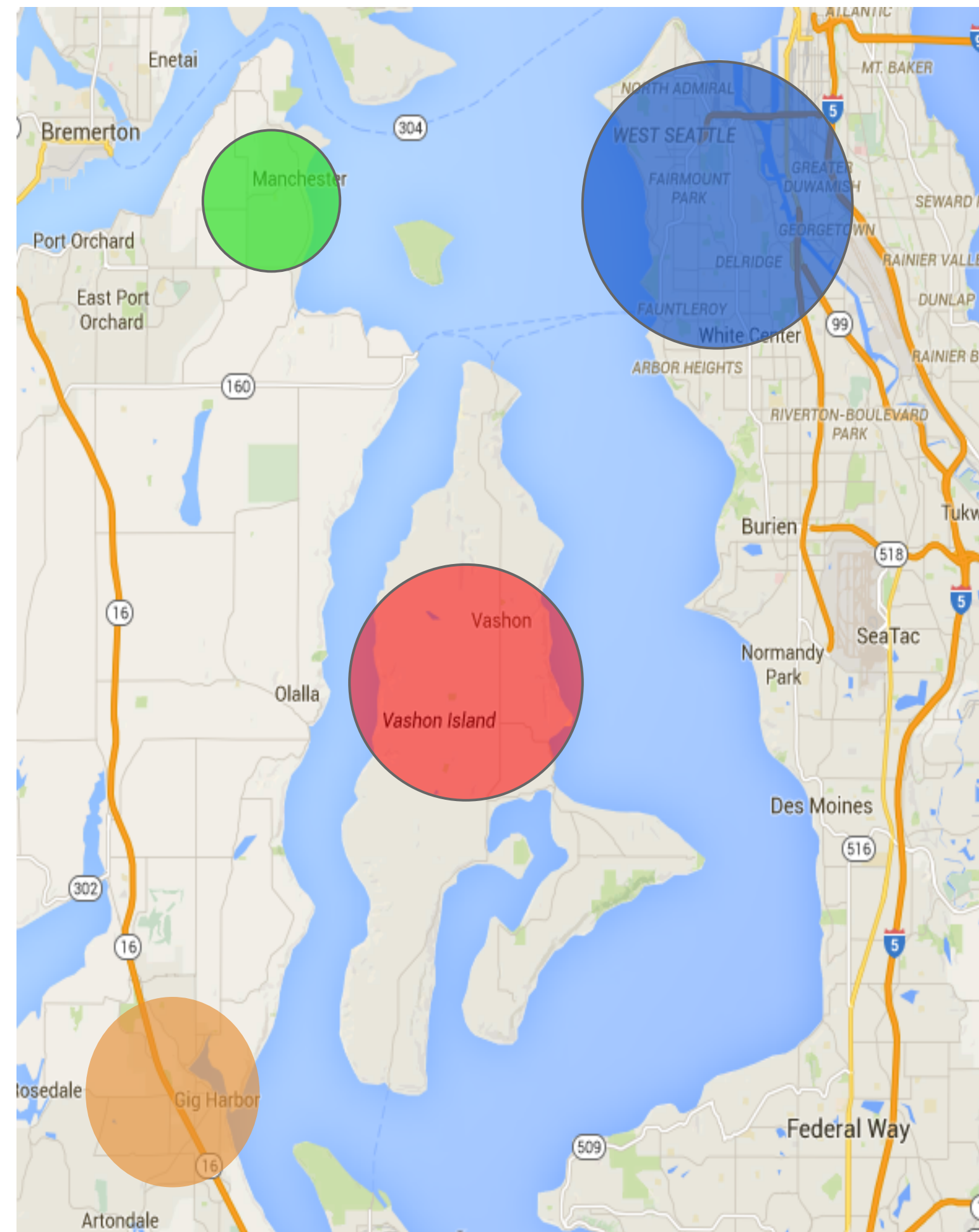


# Our Backyard Bird Count

By: Sam F., Taylor L, Hazee M, Campbell L, Jaxon R, Shayla M

## Surveyed Areas



## Abstract

For this project, we partnered with the Great Backyard Bird Count association. The GBBC's goal was to create a global survey allowing bird watchers of all ages to count birds and create a real-time snapshot of where the birds were seen. This data was then directly imputed into a scientific database called ebird. This allowed ornithologists to analyze the data and decipher which birds were becoming less common and which birds were prevalent in certain communities. Also, problems introduced by global warming such as climate change widely influenced the presence of birds in their natural habitats.

## Main Question:

What types of birds are located in the Puget Sound area in the month of February?

## Introduction

Over recent years, scientists have tracked the location and number of birds in various locations. We observed birds in four locations in the Puget Sound to determine which birds thrived and which struggled in their corresponding environments.

## Our Methods of Data Gathering

To solve this problem, we observed birds in a variety of different areas and recorded what we saw. We each spent a total of 4 hours over the course of 4 days to gather all of our data. Then, we submitted our observations to the GBBC website.

## Discussion

The purpose of this project was to determine which birds were prevalent in four regions in the Puget Sound area: Manchester, Purdy, Vashon, and West Seattle. We observed that the birds in urban areas such as West Seattle and Manchester were primarily scavengers such as Pigeons, Crows, and Seagulls. Vashon had few scavengers and many birds surviving from their natural environment such as Hummingbirds and Woodpeckers. These observations support that urban development is has a tremendous influence on the number and type of birds living in each region.

## What You Can Do to Help Out the Cause

The Backyard Bird Count association is a global effort to keep the bird population healthy. Visit [gbbc.birdcount.org](http://gbbc.birdcount.org), create an account, and start recording what species of birds you can see from your very own backyard. Your data, along with nearly 150,000 other individual surveys submitted, will help scientist become that much closer to our goal of a healthy bird population. JOIN NOW!

## Acknowledgments

The picture of the American Robin and Seagull were found on [allaboutbirds.org](http://allaboutbirds.org) and [costalcare.org](http://costalcare.org) respectively. We'd like to give a special thanks to the Great Backyard Bird Count association (GBBC), Partners in Education (PIE), and all the bird lovers out there.



American Robin



Seagull

## Our Results:

Type of Bird:	Location:	Total Number:
Seagull	Vashon	39
Surf Scooter	Vashon	43
Ducks	Vashon	21
Bald Eagles	Purdy WA	2
Hawks	Purdy WA	6
Goose	Manchester WA	23
Robins	Manchester WA	18
Wagtails	Manchester WA	26
Crows	Manchester WA	31
Pigeons	West Seattle	47
Sparrows	West Seattle	31
Stellar Jays	West Seattle	4
Seagull	West Seattle	23
Bald Eagles	West Seattle	1
Hummingbird	West Seattle	3
Dark-Eyed Junco	Manchester WA	2
American Robin	Manchester WA	1
Red-Breasted Nuthatch	West Seattle	7
Robins	Vashon	46
Chickadees	Vashon	3
Warbler	Vashon	1
Crows	Vashon	5
Stellar Jays	Vashon	7
Woodpecker	Vashon	2
Red-Breasted Nuthatch	Vashon	5
Goldfinch	Vashon	4
Starling	Vashon	6
Hummingbird	Vashon	3
Bald Eagles	Vashon	2
Wagtails	Vashon	8
Sparrow	Vashon	15