problems with waterfowl being sickened by lead poisoning. At Yellowstone National Park, Common Ravens are beginning to be seen with high lead toxicity levels after hunting season. Also, in California, lead is affecting the population of condors in their area.

In order to further this data exploration study we would compare data from northwest Pennsylvania with other areas across the country where eagles are being affected by lead poisoning. We would also include other raptors affected by this situation.

We would like to thank Mrs. Carol Holmgren for providing us with data on the status of Bald Eagles throughout the United States and Canada.

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Relationship Between
the Shape of Bird’s Beak and What They Eat

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I learned during my research that the shape of the bird’s beak determines the food they eat. There are mainly six types of beak shapes. Birds such as hawks, owls, and eagles have their upper beak curved down. They are very sharp, and designed for eating small animals or meat. Sparrows and thrashers are the kinds that eat grains or plant seeds. So, they have a short, thick beak. Birds which drink nectar and eat small bugs have a long beak with a sharp end. Birds such as plovers and lapwings eat fish, crabs and insects inside the sand. As a result having a long, smoothly curved beaks. Ducks, swans, and geese also eat fish; however, they have flat wide beaks. Finally, birds like parakeets have curved beaks which are thick; suitable for eating fruits or berries.