

Make a Berry Data Bracelet

Make a bracelet representing berry data from the Winterberry project!



Winterberry is a citizen science project to investigate how shifting seasons affect the availability of berries. Volunteers across Alaska tracked the abundance and condition of four berry species.

Left: Checking berry conditions. Image: Winterberry.

Materials Needed: Winterberry Data charts, pony beads (green, red, brown, orange, yellow, and gray), letter beads (V, F, and H), pipe cleaners, scissors.

Instructions:

Step 1: Choose a chart from one of the Winterberry locations. You can pick one, two, or all three! Gather different colors of beads to represent the data, according to the chart.

Unripe: **Green**

Rotten: **Brown**

Rotten or Dry: **Yellow**

Ripe: **Red**

Dry: **Orange**

Damaged: **Gray**

Step 2: Thread your beads on a pipe cleaner. Add a letter bead to label the location you chose.

Step 3: Twist the ends of your pipe cleaner together. Trim the ends with scissors if needed. Wear your berry bracelet! Caution: Pipe cleaners can be sharp. Be careful not to poke yourself!

Optional: Twist the ends of two or three bracelets together to wear them as one bracelet.

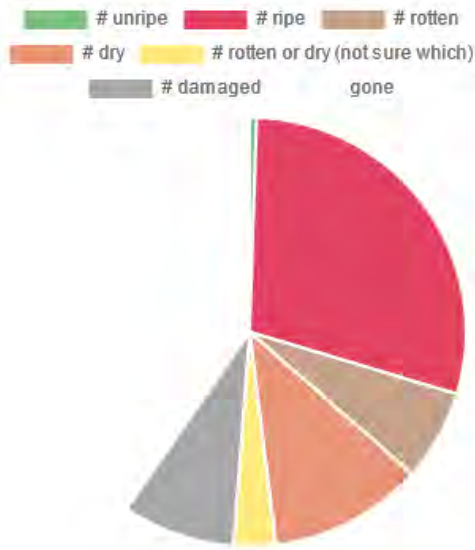


Extension: Make a bracelet representing data from your community. Choose a berry species, and make a bracelet showing the abundance and conditions on a specific date. How is your bracelet similar or different to the ones representing other sites?

Winterberry Activities

Winterberry Data Charts

Rosehips (*Rosa acicularis*) Abundance and Conditions on September 25, 2019



Venetie

John Fredson School

8 Red (ripe)

2 Brown (rotten)

3 Orange (dry)

1 Yellow (rotten or dry)

2 Gray (damaged)



Fairbanks

Anne Wien Elementary

1 Green (unripe)

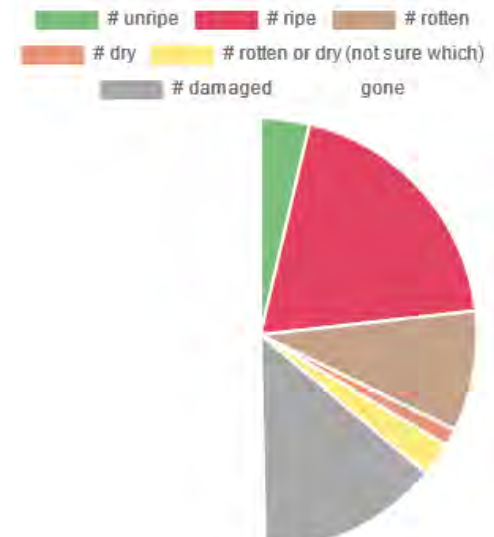
1 Red (ripe)

5 Brown (rotten)

1 Orange (dry)

3 Yellow (rotten or dry)

4 Gray (damaged)



Homer

Center for Alaskan Coastal Studies

1 Green (unripe)

5 Red (ripe)

2 Brown (rotten)

1 Orange (dry)

1 Yellow (rotten or dry)

4 Gray (damaged)

Note: Volunteers tracked berries in over 30 communities across Alaska. Data from Venetie, Fairbanks, and Homer are highlighted in this activity.