NAME

Enrich **Histograms**

The United States

The size of a state can vary depending on whether you consider land area or population. For example, a large state in land area may have a small population, while a much smaller state in land area may have a much larger population. The table below shows the approximate land area, in square miles, of each state in the United States.

Land Area by State (sq mi)									
50,744	571,951	113,635	52,068	155,959	103,718	4,845	1,954	53,927	57,906
6,423	82,747	55,584	35,867	55,869	81,815	39,728	43,562	30,862	9,774
7,840	56,804	79,610	46,907	68,886	145,552	76,872	109,826	8,968	7,417
121,356	47,214	48,711	68,976	40,948	68,667	95,997	44,817	1,045	30,109
75,885	41,217	261,797	82,144	9,250	39,594	66,544	24,078	54,310	97,100

Exercises

For Exercises 1–4, refer to the table above.

1. Create a frequency table representing the data. 2. Create a histogram for the data.

- 3. Which interval has the most number of states?
- 4. Make a conclusion about the land area of the United States based on the histogram.
- 5. Use the Internet or another source to find the populations of the 50 states. Make a frequency table and histogram to represent the data. How does the population histogram compare to the land area histogram?