

Name: _____

Bedbugs Are Back!

In “Biting Back” (p. 8), you read that bedbugs are making a comeback in cities across the United States. The chart below shows the number of complaints about bedbugs made to the New York City Department of Housing Preservation and Development over a period of five years. Look at the chart and follow the directions below.

Bedbug Complaints in New York City’s Five Boroughs*

*A borough is a subsection of the city.

Borough	2004	2005	2006	2007	2008
Brooklyn	52	665	1,642	2,382	3,401
Manhattan	35	427	1,107	1,729	2,107
Queens	80	562	1,278	1,602	1,927
Bronx	25	193	570	1,117	1,682
Staten Island	0	8	41	59	96
New York City Total	192				

SOURCE: NYC Department of Housing Preservation and Development

Graph It

Calculate the total number of bedbug complaints made in New York City each year by tallying the data for the five boroughs. (We did the first one for you.) Then, create a line graph showing the total number of bedbug complaints made in New York City from 2004 to 2008. Be sure to give your graph a descriptive title and to label the *x*- and *y*-axes.

Analyze It

- Between which two years was the increase in the total number of bedbug complaints greatest?
- Which borough had the most bedbug complaints in 2008? The fewest?
- What was the total percent increase in the number of bedbug complaints made in New York City from 2004 to 2008? (Hint: First, find the increase in complaints from 2004 to 2008. Then, divide that total by the number of complaints in 2004 and multiply by 100. Round your answer to the nearest whole percent.)
- Between which two years was the percent increase in the number of bedbug complaints in Queens greatest? What was the percent increase in that period?