The Statistics of Death at Andersonville
Teacher's Guide and Answer Key

(1) In the month of August, what was the mean number of prisoners that died daily? 2,993 prisoners died in the month of August. There are 31 days in August. 2,993 total deaths in August ÷ 31 days in August = 96.54 is the average number deaths per day.

(2) Using the daily death totals of prisoners in the month of August, find the median. The median (the middle number in a set of numbers listed from least to greatest) is 95.

(3) In the month of August, what is the mode number of daily prisoner deaths? The mode (the number that occurs most often) is 103.

(4) What is the ratio of daily grand totals of prisoners to the daily number of deaths? Note any trends in the increase or decrease of the ratios.
A. The ratios below are prisoner deaths to grand total (prisoner deaths:grand total)

August 1, 1:428
August 2, 1:434
August 3, 1:435
August 4, 1:443
August 5, 1:364
August 6, 1:318
August 7, 1:462
August 8, 1:345
August 9, 1:347
August 10, 1:387
August 11, 1:318
August 12, 1:407
August 13, 1:302
August 14, 1:288
August 15, 1:273
August 16, 1:305

August 17, 1:286
August 18, 1:369
August 19, 1:321
August 20, 1:302
August 21, 1:374
August 22, 1:264
August 23, 1:254
August 24, 1:315
August 25, 1:327
August 26, 1:313
August 27, 1:344
August 28, 1:355
August 29, 1:304
August 30, 1:335
August 31, 1:346

B. Data should be compared to prisoners received and other categories. Trends that the students may notice will vary