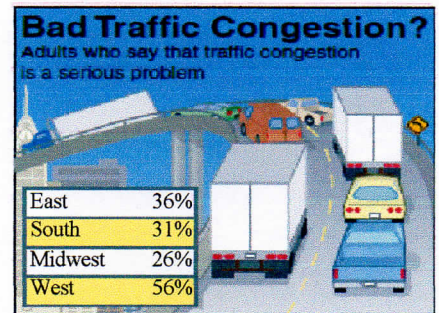


20.

The table shows the results of a survey in which separate samples of 400 adults each from the East, South, Midwest, and West were asked if traffic congestion is a serious problem in their community. Complete parts (a) and (b).



(a) Construct a 95% confidence interval for the proportion of adults from the East who say traffic congestion is a serious problem.

The 95% confidence interval for the proportion of adults from the East who say traffic congestion is a serious problem is (,).

(Round to three decimal places as needed.)

(b) Construct a 95% confidence interval for the proportion of adults from the Midwest who say traffic congestion is a serious problem.

The 95% confidence interval for the proportion of adults from the Midwest who say traffic congestion is a serious problem is (,).

(Round to three decimal places as needed.)