Homework Solutions
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Exercise 30

(a) This might be tricky. People who are already at the doctor's office are having medical problems. Or worse, they are at the doctor's office because they *think* they have medical problems, in which case they would be inclined to think they suffer from this syndrome, too.

On the other hand, if it was the doctor's opinion, not the patient's, that the patient had the syndrome, then the figures might be more reliable. In that case, the community survey would probably overestimate the proportion.

(b) 4 out of 100,000 is 0.00004 and 10 out of 100,000 is 0.0001. These figures are too small to support the 0.001 figure in part (a).

(c) Common!? 10 out of 100,000 is not common.