## Statistical Literacy Survey Results

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Adults who weigh more tend to be taller than those who weigh less. [Yes] Error: $25 \%, 30 \%, 11 \%$.

If an adult increases their weight, they can expect to increase their height. [No] Error: 19\%, 28\%, 16\%.


## 100\% Tables

|  | SEX |  |  |
| :---: | :---: | :---: | :---: |
|  | RACE | Male | Female |
| TOTAL |  |  |  |
| Black | $75 \%$ | $25 \%$ | $100 \%$ |
| White | $50 \%$ | $\mathbf{5 0} \%$ | $100 \%$ |
| Other | $40 \%$ | $60 \%$ | $100 \%$ |
| TOTAL | $50 \%$ | $50 \%$ | $100 \%$ |

$25 \%$ of females are blacks. Error: $44 \%, 28 \%, 11 \%$. $25 \%$ of blacks are females. Error: $13 \%, 11 \%, 16 \%$. $25 \%$ is the percentage of blacks among females.
[No] Error: 38\%, 28\%, 16\%.
$25 \%$ is the percentage who are females among blacks. [Yes] Error: 21\%, 17\%, 14\%.

## Can an Association be Spurious?

## "IASSIST" MISSION

Current: International Association for Social
In 2000, a research hospital had a higher death rate than a rural hospital. Each patient's condition was classified as either "poor" or "fair."
Is it possible that in 2000, this research hospital had a lower death rate than this rural hospital for those patients in "poor" condition AND for those patients in "fair" condition? Possible answers:
> Yes, possible. No, impossible. Don't know.
[Yes, possible. This is Simpson's Paradox.]
Error rates: 44\%, 68\%, 41\%.
** Help the producers **

New: International Association for Social Science Information Service and Transmission
** Help producers and consumers **

