Interdisciplinary Application Supplement

	Female's Age	Total Female Population	Number registered females	Number of females not registered
\$	18 to 20 years old	5,413,000	2,625,000	2,788,000
	21 to 24 years old	6,964,000	3,681,000	3,283,000
#	25 to 44 years old	42,388,000	27,153,000	15,235,000
#	45 to 64 years old	27,776,000 -	20,662,000	7,114,000
4	65 years and older	18,480,000	13,867,000	4,613,000
,	Total	101,021,000	67,988,000	35,033,000

- 1. Complete the table above and then copy it to the back.
- 2. Find the probability that a female from the 45-64 age group is a registered voter.

Find the probability that a female from the 18-20 age group is not a registered voter.

$$P(\sim PV | 18-20)$$
 $\frac{2,788,000}{5,413,000}$

Find the probability that a female registered voter chosen at random is 25 to 44 years old.

 Find the probability that a female registered voter chosen at random is not 21 to 24 years old.

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18 to 20 years old	5,413,000	2,625,000	2,788,000
21 to 24 years old	6,964,000	3,681,000	3,283,000
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45 to 64 years old	27,776,000	20,662,000	7,114,000
65 years and older	18,480,000	13,867,000	4,613,000
Total	101,021,000	67,988,000	33,033,000

6. Find the odds of randomly choosing a female registered voter that is 65 years and older.

Find the odds of randomly choosing a female registered voter that is 25 to 64 years old.

 Find the odds of randomly choosing a female ages 21 to 24 years old that is not a registered voter