

**Arizona Public Opinion Pulse (AZPOP)  
Resolution Copper Toplines and Selected  
Crosstabs**



Arizona General (18+YO) Population  
Survey Conducted on September 7th - September 12th, 2021  
1000 Registered Voters with a MoE +/- 3.1%  
Online Opt-In Panel Survey  
\*Totals may not sum to 100%, due to rounding

Gender	Total
Sample Size	1000
<b>Male</b>	
Column %	49%
<b>Female</b>	
Column %	51%
<b>Prefer not to answer</b>	
Column %	0%

Race/Ethnicity	Total
Sample Size	1000
<b>White, non-Hispanic</b>	
Column %	58%
<b>Hispanic</b>	
Column %	26%
<b>Other</b>	
Column %	16%

Region	Total
Sample Size	1000
<b>Maricopa</b>	
Column %	61%
<b>Pima</b>	
Column %	15%
<b>Rural</b>	
Column %	24%

Age	Total
Sample Size	1000
<b>17 or younger</b>	
Column %	0%
<b>18-34</b>	
Column %	29%
<b>35-44</b>	
Column %	15%
<b>45-54</b>	
Column %	15%
<b>55-64</b>	
Column %	16%
<b>65+</b>	
Column %	25%

Education Combined	Total
Sample Size	1000
<b>HS or Less</b>	
Column %	29%
<b>Some College</b>	
Column %	37%
<b>College Graduate</b>	
Column %	22%
<b>Postgraduate</b>	
Column %	12%

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### **Survey**

How much have you heard regarding the role that copper will play in the transition to renewable energy and electric vehicles?	3
As you may know, wind energy requires on average 2,000 tons of copper per gigawatt, while solar needs about 5,000 tons per gigawatt — several times higher than fossil fuels and nuclear energy. Also, electric vehicles can contain between 40 kg and 83 kg of copper, while an internal combustion engine needs an average of 23 kg. With this in mind, how important do you believe it is that the world find new sources of copper if it wants to begin using more renewable energy and electric vehicles?	4
Knowing how large of a role that copper will play in renewable energy and electric vehicle transition; and that Arizona is home to a growing electric vehicle manufacturing market, would you support or oppose the opening of a new copper mine in eastern Arizona which is estimated to produce up to 40 billion pounds of copper over the next 40 years?	5

\*Values may not appear to be totalled correctly, due to rounding

How much have you heard regarding the role that copper will play in the transition to renewable energy and electric vehicles?

	<b>Total</b>	<b>Gender</b>		<b>Region</b>			<b>Age Combined</b>		<b>Race/Ethnicity</b>		
									<b>White, non- Hispanic</b>	<b>Hispanic</b>	<b>Other</b>
	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Maricopa</b>	<b>Pima</b>	<b>Rural</b>	<b>18-54</b>	<b>55+</b>			
Sample Size	1,000	488	512	610	150	240	589	411	582	260	157
<b>A great deal</b>											
Column %	5%	7%	3%	4%	7%	7%	7%	3%	6%	4%	5%
<b>A moderate amount</b>											
Column %	12%	16%	9%	12%	13%	13%	15%	9%	11%	16%	13%
<b>Some</b>											
Column %	15%	15%	15%	16%	14%	15%	18%	12%	13%	20%	17%
<b>A little</b>											
Column %	13%	14%	13%	16%	17%	5%	11%	17%	14%	14%	10%
<b>Nothing at all</b>											
Column %	54%	48%	59%	52%	49%	60%	49%	60%	57%	46%	56%

may not appeared to be totalled correctly, due to rounding

As you may know, wind energy requires on average 2,000 tons of copper per gigawatt, while solar needs about 5,000 tons per gigawatt — several times higher than fossil fuels and nuclear energy. Also, electric vehicles can contain between 40 kg and 83 kg of copper, while an internal combustion engine needs an average of 23 kg. With this in mind, how important do you believe it is that the world find new sources of copper if it wants to begin using more renewable energy and electric vehicles?

	Total	Gender		Region			Age Combined		Race/Ethnicity		
	Total	Male	Female	Maricopa	Pima	Rural	18-54	55+	White, non-Hispanic	Hispanic	Other
Sample Size	1,000	488	512	610	150	240	589	411	582	260	157
<b>Extremely important</b> Column %	31%	34%	29%	30%	36%	31%	30%	33%	33%	27%	31%
<b>Moderately important</b> Column %	27%	28%	26%	28%	26%	25%	29%	24%	28%	27%	23%
<b>Somewhat important</b> Column %	26%	22%	30%	27%	29%	23%	26%	26%	26%	30%	22%
<b>Slightly important</b> Column %	7%	7%	8%	7%	6%	10%	7%	8%	7%	6%	13%
<b>Not important at all</b> Column %	8%	9%	7%	8%	3%	11%	7%	9%	7%	10%	12%

<b>Extremely/Moderately important</b> Column %	58%	62%	55%	58%	61%	56%	59%	57%	61%	55%	54%
<b>Somewhat/Slightly important</b> Column %	34%	29%	38%	34%	36%	32%	35%	34%	33%	36%	35%

Knowing how large of a role that copper will play in renewable energy and electric vehicle transition and that Arizona is home to a growing electric vehicle manufacturing market, would you support or oppose the opening of a new copper mine in eastern Arizona which is estimated to produce up to 40 billion pounds of copper over the next 40 years?

	Total	Gender		Region			Age Combined		Race/Ethnicity		
	Total	Male	Female	Maricopa	Pima	Rural	18-54	55+	White, non-Hispanic	Hispanic	Other
Sample Size	1,000	488	512	610	150	240	589	411	582	260	157
<b>Strongly support</b> Column %	25%	32%	19%	25%	34%	23%	25%	26%	27%	25%	19%
<b>Somewhat support</b> Column %	31%	30%	31%	32%	24%	31%	29%	33%	33%	30%	24%
<b>Neither support nor oppose</b> Column %	34%	28%	39%	35%	30%	32%	38%	28%	30%	38%	37%
<b>Somewhat oppose</b> Column %	5%	4%	6%	5%	3%	5%	5%	5%	5%	4%	4%
<b>Strongly oppose</b> Column %	6%	7%	4%	3%	9%	10%	4%	8%	4%	3%	15%
<b>Total Support</b> Column %	56%	62%	51%	57%	57%	54%	54%	59%	60%	55%	44%
<b>Total Oppose</b> Column %	10%	10%	10%	8%	12%	14%	8%	13%	9%	7%	19%