

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



Arizona Registered Voters
Survey Conducted on September 7th - September 12th, 2021
882 Registered Voters with a MoE +/- 3.3%
Online Opt-In Panel Survey
*Totals may not sum to 100%, due to rounding

Gender	Total
Sample Size	882
Male	
Column %	49%
Female	
Column %	51%
Prefer not to answer	
Column %	0%

Race/Ethnicity	Total
Sample Size	882
White, non-Hispanic	
Column %	65%
Hispanic	
Column %	22%
Other	
Column %	13%

Region	Total
Sample Size	882
Maricopa	
Column %	61%
Pima	
Column %	15%
Rural	
Column %	24%

Age	Total
Sample Size	882
17 or younger	
Column %	0%
18-34	
Column %	25%
35-44	
Column %	15%
45-54	
Column %	15%
55-64	
Column %	17%
65+	
Column %	28%

Party Combined	Total
Sample Size	882
REP	
Column %	35%
IND	
Column %	33%
DEM	
Column %	32%

Education Combined	Total
Sample Size	882
HS or Less	
Column %	26%
Some College	
Column %	39%
College Graduate	
Column %	21%
Postgraduate	
Column %	14%

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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?

	Total	Gender		Region			Age Combined		Party_Combined			Race/Ethnicity		
				Maricop a	Pima	Rural	18-54	55+	REP	IND	DEM	White, non- Hispani c	Hispani c	Other
	Total	Male	Female											
Sample Size	882	431	451	536	133	213	488	394	311	288	283	573	198	110
A great deal														
Column %	4%	7%	2%	4%	4%	6%	6%	2%	6%	2%	5%	5%	3%	3%
A moderate amount														
Column %	12%	16%	9%	12%	13%	14%	15%	9%	11%	11%	15%	11%	17%	14%
Some														
Column %	15%	16%	14%	15%	16%	15%	17%	13%	17%	15%	14%	13%	21%	14%
A little														
Column %	14%	14%	14%	16%	18%	5%	12%	15%	10%	15%	16%	14%	13%	12%
Nothing at all														
Column %	54%	47%	61%	53%	49%	60%	49%	61%	56%	56%	51%	56%	46%	58%

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		Party_Combined			Race/Ethnicity		
				Maricop a	Pima	Rural	18-54	55+	REP	IND	DEM	White, non- Hispani c	Hispani c	Other
	Total	Male	Female											
Sample Size	882	431	451	536	133	213	488	394	311	288	283	573	198	110
Extremely important Column %	32%	34%	31%	33%	36%	29%	31%	33%	33%	30%	33%	34%	27%	31%
Moderately important Column %	27%	28%	26%	28%	23%	27%	30%	23%	22%	30%	29%	27%	31%	19%
Somewhat important Column %	26%	24%	28%	26%	29%	24%	25%	27%	24%	25%	28%	25%	29%	23%
Slightly important Column %	7%	7%	8%	7%	6%	9%	7%	8%	8%	8%	6%	7%	5%	14%
Not important at all Column %	8%	8%	7%	7%	6%	11%	7%	9%	13%	6%	3%	7%	7%	13%

Extremely/Moderately important Column %	59%	62%	57%	60%	59%	56%	62%	56%	55%	60%	62%	61%	59%	51%
Somewhat/Slightly important Column %	33%	30%	36%	33%	35%	33%	31%	35%	32%	34%	34%	32%	34%	36%

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		Party_Combined			Race/Ethnicity		
				Maricopa	Pima	Rural	18-54	55+	REP	IND	DEM	White, non-Hispanic	Hispanic	Other
	Total	Male	Female											
Sample Size	882	431	451	536	133	213	488	394	311	288	283	573	198	110
Strongly support														
Column %	28%	35%	20%	27%	34%	26%	29%	27%	30%	26%	27%	29%	26%	25%
Somewhat support														
Column %	31%	30%	33%	32%	23%	34%	30%	33%	30%	31%	33%	32%	32%	25%
Neither support nor oppose														
Column %	31%	26%	37%	33%	27%	31%	33%	28%	30%	36%	28%	29%	35%	35%
Somewhat oppose														
Column %	5%	3%	6%	5%	5%	4%	5%	5%	4%	4%	6%	5%	4%	5%
Strongly oppose														
Column %	5%	5%	4%	3%	12%	5%	3%	7%	6%	3%	6%	5%	3%	10%
Total Support														
Column %	59%	66%	53%	59%	57%	60%	59%	60%	60%	57%	60%	61%	59%	50%
Total Oppose														
Column %	10%	9%	10%	8%	16%	9%	8%	11%	9%	7%	12%	10%	7%	15%