

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K- <\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Sample size	427	201	215	125	132	170	57	64	80	58	67	90	211	103	85	106	184	137	194	146	18	69

Regional sample sizes are unweighted. All other sample sizes, including column totals, are weighted to census data. Cells containing “*” are statistically zero, though at least one response was received. Blank cells indicate zero responses received. Sample sizes below 100 should be interpreted with caution

Q1. First, do you approve or disapprove of the performance of the Governor of Michigan, Gretchen Whitmer?

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K- <\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Strongly approve	24%	22%	26%	21%	21%	28%	15%	21%	28%	27%	22%	28%	22%	28%	21%	22%	24%	25%	48%	3%	6%	12%
Moderately approve	28%	28%	29%	35%	26%	25%	36%	26%	22%	35%	25%	28%	30%	30%	26%	26%	28%	31%	42%	15%	18%	26%
Moderately disapprove	12%	13%	11%	13%	12%	11%	14%	11%	14%	12%	13%	8%	11%	12%	18%	16%	9%	13%	4%	19%	31%	13%
Strongly disapprove	27%	31%	24%	17%	29%	33%	18%	37%	36%	17%	21%	31%	24%	31%	31%	22%	31%	27%	*	58%	39%	21%
Not sure	9%	7%	10%	14%	12%	2%	18%	5%		9%	19%	5%	13%		4%	14%	9%	5%	6%	4%	6%	28%
Net: Approve	52%	49%	55%	56%	47%	54%	51%	47%	50%	61%	47%	57%	52%	57%	47%	48%	51%	56%	90%	19%	24%	38%
Net: Disapprove	39%	44%	35%	30%	41%	44%	31%	48%	50%	30%	34%	39%	35%	43%	49%	38%	40%	39%	4%	77%	70%	34%

Q2. Rank 1st

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K- <\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Not depending on other countries for energy/energy independence	28%	27%	29%	14%	28%	39%	17%	27%	36%	11%	29%	41%	28%	27%	28%	28%	31%	24%	14%	47%	29%	20%
Economic growth	23%	22%	24%	30%	24%	17%	25%	22%	19%	34%	26%	14%	23%	24%	23%	21%	22%	26%	19%	26%	24%	27%
Protecting the environment	20%	17%	23%	28%	17%	16%	22%	16%	13%	34%	18%	20%	20%	23%	16%	23%	18%	20%	31%	7%	19%	25%
Renewable energy	15%	18%	12%	15%	14%	16%	18%	18%	18%	12%	10%	14%	15%	15%	18%	14%	15%	16%	27%	4%	6%	13%
Stability of supply	14%	16%	12%	14%	16%	12%	18%	16%	13%	9%	16%	11%	14%	11%	16%	14%	14%	14%	10%	17%	23%	15%

Q2. Rank Top2

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K-<\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Not depending on other countries for energy/energy independence	45%	41%	48%	33%	46%	53%	29%	44%	48%	36%	48%	58%	46%	41%	45%	43%	48%	41%	27%	67%	47%	36%
Stability of supply	42%	48%	36%	38%	37%	48%	46%	39%	57%	31%	36%	40%	42%	37%	43%	44%	44%	38%	28%	56%	35%	43%
Protecting the environment	41%	38%	44%	46%	44%	35%	42%	41%	32%	51%	47%	37%	41%	46%	35%	42%	38%	44%	65%	16%	47%	40%
Economic growth	38%	39%	37%	46%	40%	30%	42%	45%	32%	50%	36%	29%	37%	42%	38%	36%	36%	43%	29%	46%	42%	44%
Renewable energy	34%	34%	34%	37%	32%	34%	41%	32%	31%	32%	33%	37%	33%	33%	40%	35%	34%	35%	51%	16%	30%	36%

Q2. Rank Top3

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K-<\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Stability of supply	65%	65%	65%	64%	61%	69%	63%	59%	72%	66%	64%	66%	66%	63%	64%	68%	65%	62%	56%	77%	76%	57%
Not depending on other countries for energy/energy independence	63%	60%	65%	46%	63%	75%	39%	63%	76%	54%	63%	74%	63%	62%	64%	57%	67%	60%	47%	83%	65%	52%
Economic growth	61%	65%	57%	69%	64%	51%	71%	71%	55%	68%	58%	48%	59%	65%	63%	61%	59%	64%	47%	75%	55%	63%
Protecting the environment	58%	56%	60%	64%	61%	52%	65%	56%	49%	62%	65%	54%	56%	63%	56%	60%	54%	63%	80%	31%	62%	68%
Renewable energy	53%	54%	53%	56%	50%	53%	62%	52%	49%	50%	49%	58%	56%	47%	53%	55%	54%	51%	69%	34%	42%	59%

Q3. How closely, if at all, have you been following this issue?

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K-<\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Read/saw stories about it and discussed it with friends and/or family	27%	31%	24%	20%	27%	34%	21%	29%	43%	19%	25%	26%	20%	39%	32%	16%	29%	34%	27%	37%	34%	4%
Saw a story or two, and had the odd conversation about it	25%	26%	25%	26%	28%	22%	22%	32%	23%	31%	24%	22%	23%	26%	34%	19%	29%	26%	28%	26%	25%	18%
Just scanned/saw the headlines	25%	25%	25%	25%	21%	29%	29%	23%	24%	21%	19%	33%	32%	20%	16%	37%	21%	21%	23%	23%	29%	36%
Not read/seen anything at all until now	22%	18%	26%	29%	24%	15%	28%	16%	11%	29%	32%	18%	25%	16%	18%	27%	21%	19%	23%	14%	12%	41%
Top2box	53%	57%	49%	46%	55%	56%	43%	61%	65%	50%	49%	49%	43%	65%	66%	35%	58%	60%	55%	63%	59%	22%
Bottom2box	47%	43%	51%	54%	45%	44%	57%	39%	35%	50%	51%	51%	57%	35%	34%	65%	42%	40%	45%	37%	41%	78%

Q4. Suppose it was your decision to keep the pipeline open or shut it down. What would you choose to do?

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K- <\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Keep it open	48%	52%	44%	45%	48%	50%	48%	57%	51%	43%	39%	48%	45%	51%	56%	45%	48%	50%	31%	71%	28%	37%
Shut it down	25%	26%	24%	31%	19%	26%	25%	23%	29%	36%	16%	24%	23%	28%	28%	16%	26%	31%	42%	11%	55%	16%
Not sure/Can't say	27%	22%	32%	24%	33%	24%	27%	19%	19%	22%	45%	28%	32%	21%	17%	39%	26%	19%	27%	19%	17%	47%

Q5. How concerned are you about the possibility of a leak from Line 5?

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K- <\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Very concerned	26%	25%	26%	28%	27%	23%	22%	30%	24%	34%	24%	23%	25%	28%	24%	21%	26%	30%	42%	11%	42%	18%
Moderately concerned	40%	36%	43%	42%	36%	41%	44%	29%	35%	40%	42%	47%	42%	38%	38%	41%	42%	36%	43%	35%	29%	42%
Not that concerned	23%	26%	20%	17%	27%	24%	18%	32%	28%	16%	22%	21%	24%	20%	25%	27%	21%	22%	12%	33%	17%	27%
Not at all concerned	12%	13%	11%	13%	11%	12%	16%	9%	14%	10%	12%	10%	9%	15%	13%	12%	11%	11%	2%	21%	12%	12%
Net: concerned	65%	61%	70%	70%	62%	64%	66%	58%	58%	74%	66%	70%	67%	65%	62%	61%	67%	66%	85%	46%	71%	60%
Net: Not concerned	35%	39%	30%	30%	38%	36%	34%	42%	42%	26%	34%	30%	33%	35%	38%	39%	33%	34%	15%	54%	29%	40%

Q6. In your view, does building this tunnel sufficiently addresses the possible environmental risks, if any, posed by the existing pipeline?

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K- <\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Yes	50%	56%	44%	50%	49%	49%	52%	58%	56%	48%	41%	43%	48%	51%	53%	47%	50%	51%	36%	66%	39%	45%
No	17%	16%	18%	23%	14%	15%	20%	11%	17%	26%	16%	13%	15%	20%	17%	12%	18%	19%	25%	11%	42%	8%
Not sure	33%	28%	38%	26%	37%	36%	27%	31%	27%	26%	42%	43%	37%	28%	30%	41%	31%	30%	38%	23%	19%	47%

Q7. [To your state economy] Based on this information, how much impact do you think shutting down Line 5 will have on each of the following?

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K- <\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Massive impact	39%	35%	42%	44%	40%	33%	37%	39%	30%	53%	40%	36%	37%	40%	42%	41%	39%	37%	30%	51%	29%	31%
Significant impact	43%	45%	42%	37%	46%	45%	43%	46%	45%	30%	47%	46%	46%	43%	38%	36%	46%	45%	44%	41%	53%	46%
Small impact	14%	16%	12%	15%	11%	17%	17%	14%	18%	13%	7%	16%	12%	14%	18%	16%	12%	16%	23%	5%	6%	15%
No impact at all	4%	4%	4%	4%	3%	5%	4%	**%	7%	3%	6%	3%	5%	3%	1%	7%	3%	3%	3%	3%	11%	8%
Top2box	82%	80%	84%	81%	86%	78%	79%	85%	75%	83%	87%	81%	83%	83%	81%	77%	85%	82%	74%	92%	83%	77%
Bottom2box	18%	20%	16%	19%	14%	22%	21%	15%	25%	17%	13%	19%	17%	19%	23%	15%	18%	26%	8%	17%	23%	

Q7. [To your local economy] Based on this information, how much impact do you think shutting down Line 5 will have on each of the following?

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K-<\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Massive impact	30%	30%	30%	44%	26%	22%	44%	25%	24%	44%	28%	21%	31%	35%	26%	37%	30%	25%	24%	37%	24%	28%
Significant impact	40%	37%	44%	28%	50%	42%	27%	45%	39%	30%	55%	45%	39%	39%	43%	35%	42%	42%	38%	44%	24%	40%
Small impact	24%	26%	22%	24%	20%	28%	27%	27%	25%	21%	13%	30%	23%	21%	28%	19%	23%	29%	32%	16%	34%	24%
No impact at all	5%	6%	5%	4%	4%	8%	2%	3%	12%	5%	4%	5%	6%	6%	2%	8%	5%	5%	7%	2%	18%	9%
Top2box	70%	68%	73%	72%	76%	64%	71%	70%	63%	74%	83%	65%	71%	74%	69%	73%	72%	67%	62%	82%	48%	67%
Bottom2box	30%	32%	27%	28%	24%	36%	29%	30%	37%	26%	17%	35%	29%	26%	31%	27%	28%	33%	38%	18%	52%	33%

Q7. [To you personally] Based on this information, how much impact do you think shutting down Line 5 will have on each of the following?

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K-<\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Massive impact	17%	13%	20%	22%	18%	13%	18%	15%	8%	26%	20%	16%	17%	18%	16%	18%	18%	15%	14%	21%	6%	17%
Significant impact	35%	38%	31%	38%	37%	30%	42%	40%	34%	33%	35%	26%	30%	43%	36%	38%	33%	34%	29%	40%	25%	36%
Small impact	37%	36%	37%	31%	35%	42%	34%	34%	38%	27%	37%	46%	39%	29%	38%	32%	36%	40%	40%	34%	47%	34%
No impact at all	12%	13%	11%	10%	10%	16%	5%	11%	20%	14%	8%	12%	13%	10%	11%	12%	13%	10%	17%	6%	22%	13%
Top2box	52%	52%	51%	60%	55%	42%	60%	55%	42%	59%	55%	42%	47%	61%	52%	56%	51%	50%	43%	61%	31%	53%
Bottom2box	48%	48%	49%	40%	45%	58%	40%	45%	58%	41%	45%	58%	53%	39%	48%	44%	49%	50%	57%	39%	69%	47%

Q8. Regardless of your personal opinion about Line 5, do you think the Canadian government should have a say on the fate of the pipeline?

	Total	Gender		Age			Male			Female			Income			Education			2020 Vote			
		Male	Female	18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+	<\$50K	\$50K-<\$100K	\$100K+	<=HS	Post sec/ Associate	Univ+	Biden	Trump	Other	Did note vote
Yes	55%	59%	51%	54%	52%	59%	55%	58%	63%	53%	46%	55%	52%	60%	54%	43%	62%	55%	50%	63%	53%	47%
No	25%	28%	23%	25%	29%	23%	26%	33%	26%	24%	25%	20%	27%	33%	27%	20%	32%	29%	23%	24%	35%	17%
Not sure	20%	13%	26%	21%	19%	19%	19%	8%	11%	23%	29%	26%	26%	13%	13%	30%	19%	13%	20%	13%	12%	35%