

Risk Perceptions of an Underwater Oil Spill

- **State of the State Survey (SOSS)**

- Administered by IPPSR (MSU)
- Statewide telephone survey of adults 18+; Stratified sample
- 20min total; n = 955
- Sept 23 to Dec 3, 2018

- Six underwater oil pipeline questions

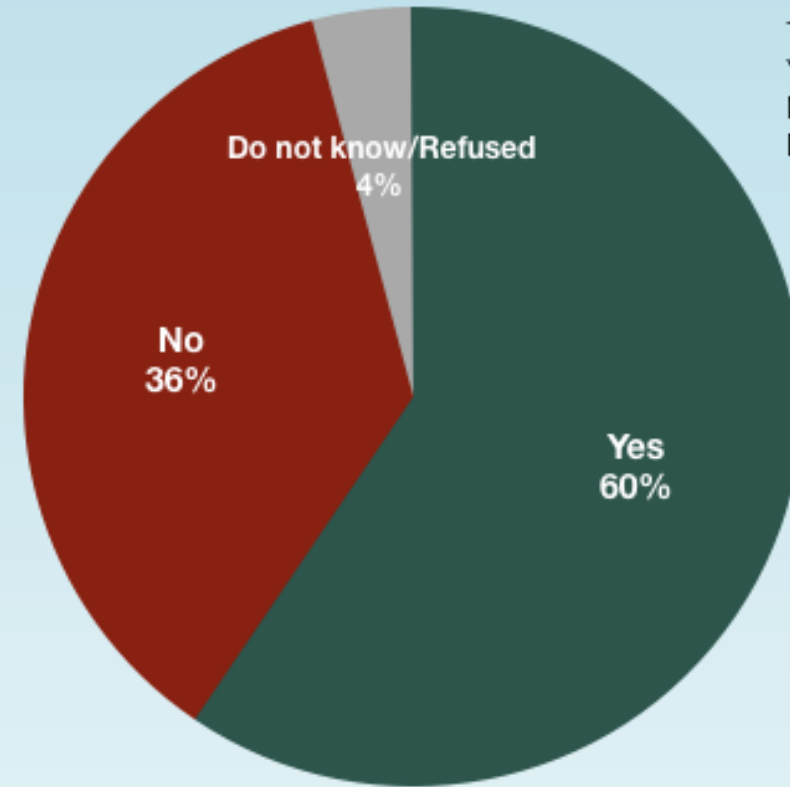


Are MI residents aware of Line 5?

Yes. 60% of Michigan residents are aware of the Line 5 pipeline.

- *Question text: Are you aware of Line 5, the underwater oil pipeline in the Straits of Mackinac?*

Fig 1. Respondents' Awareness of Line 5

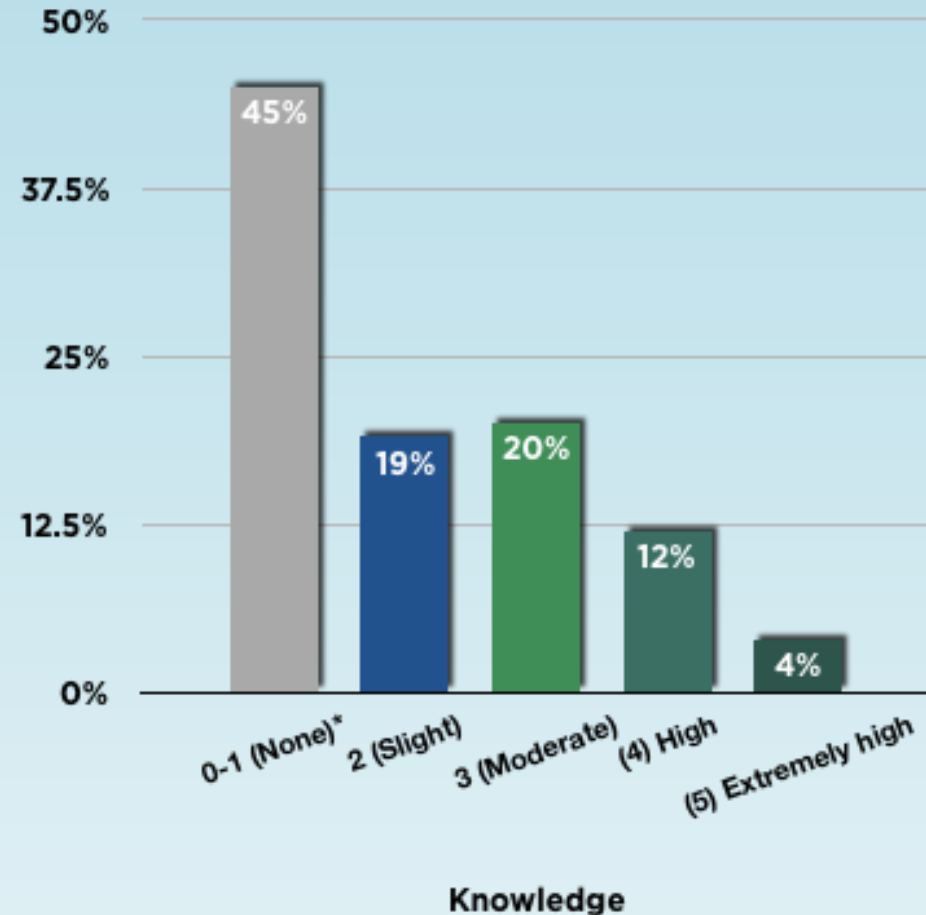


Total Respondents N = 955
Yes = 569
No = 347
Do not Know/Refused = 39

Level of Knowledge

- *Over one-third (36%) of Michigan residents report being at least moderately knowledgeable about matters regarding Line 5*

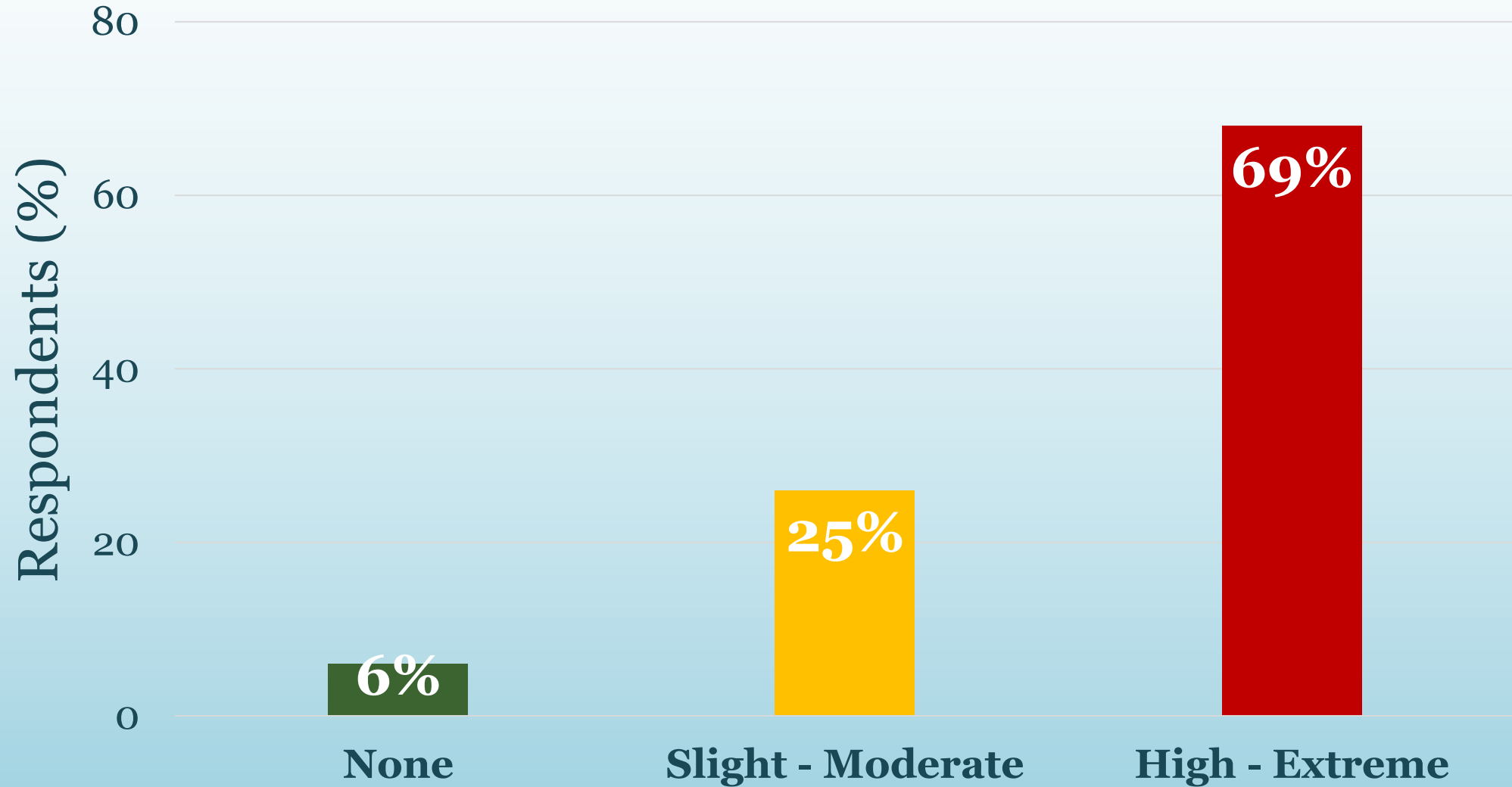
Fig 2. Respondents' level of knowledge regarding matters of Line 5



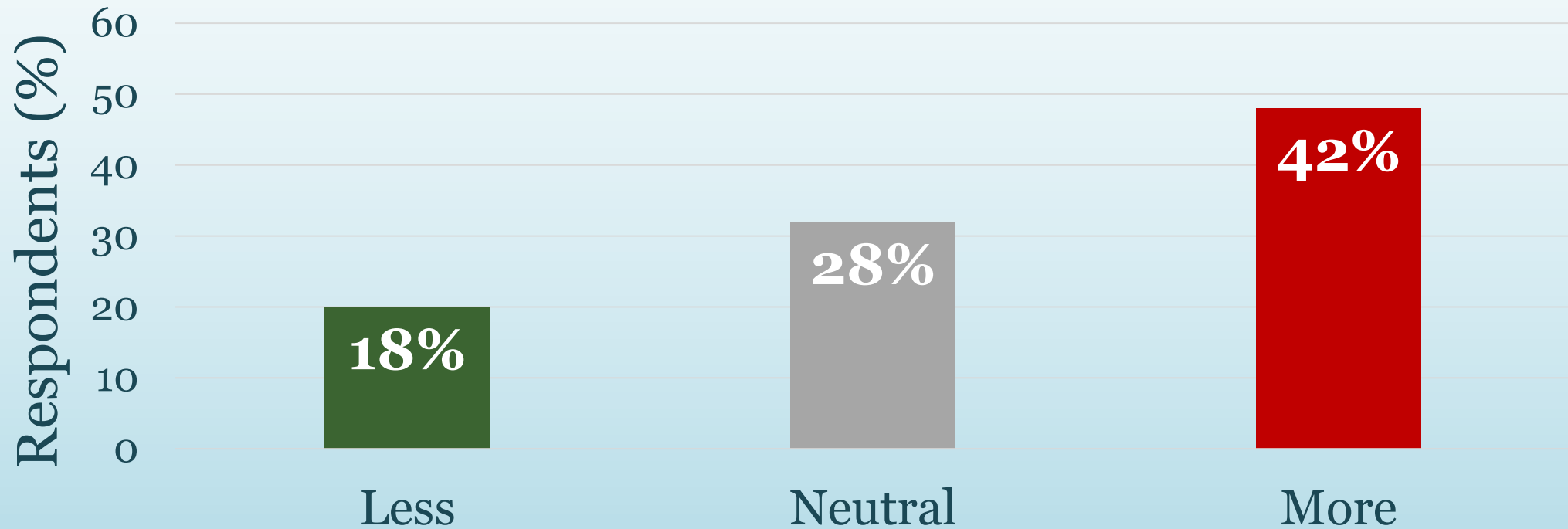
N = 916
0-1 = 413
2 = 170
3 = 187
4 = 106
5 = 40

*347 respondents answered that they were unaware of Line 5, and thus are considered as being not at all knowledgeable.

Level of concern regarding Line 5 spilling oil into the Straits of Mackinac

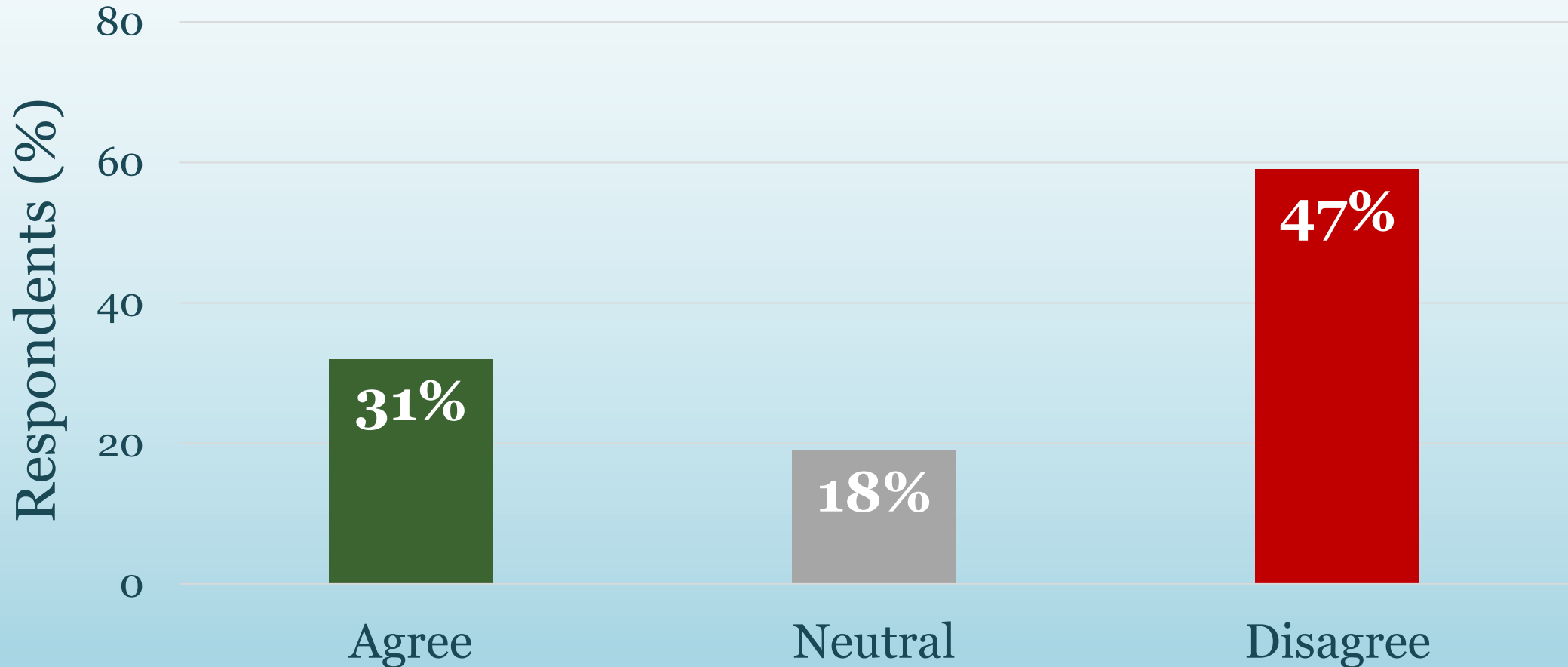


Level of concern if a spill occurred when the Straits are covered in ice vs. when waters are open

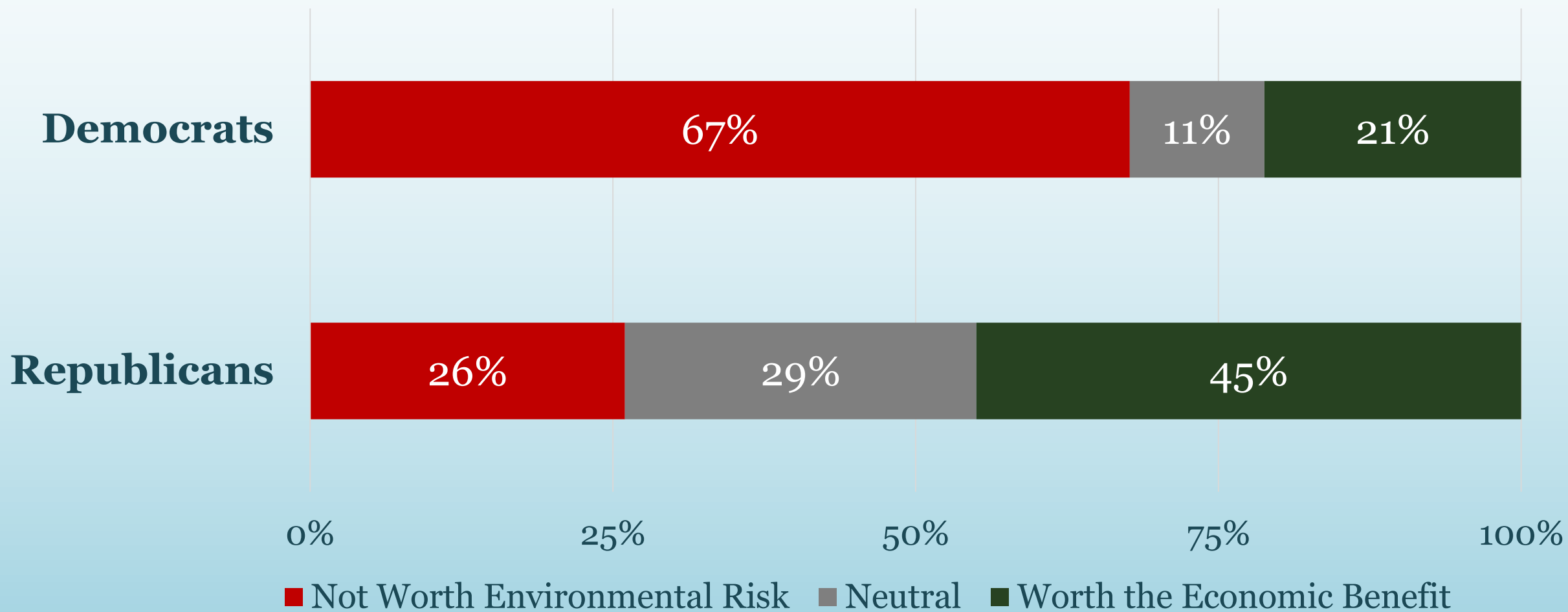


Residents are ***MORE CONCERNED*** about an oil spill during ***ICY*** conditions

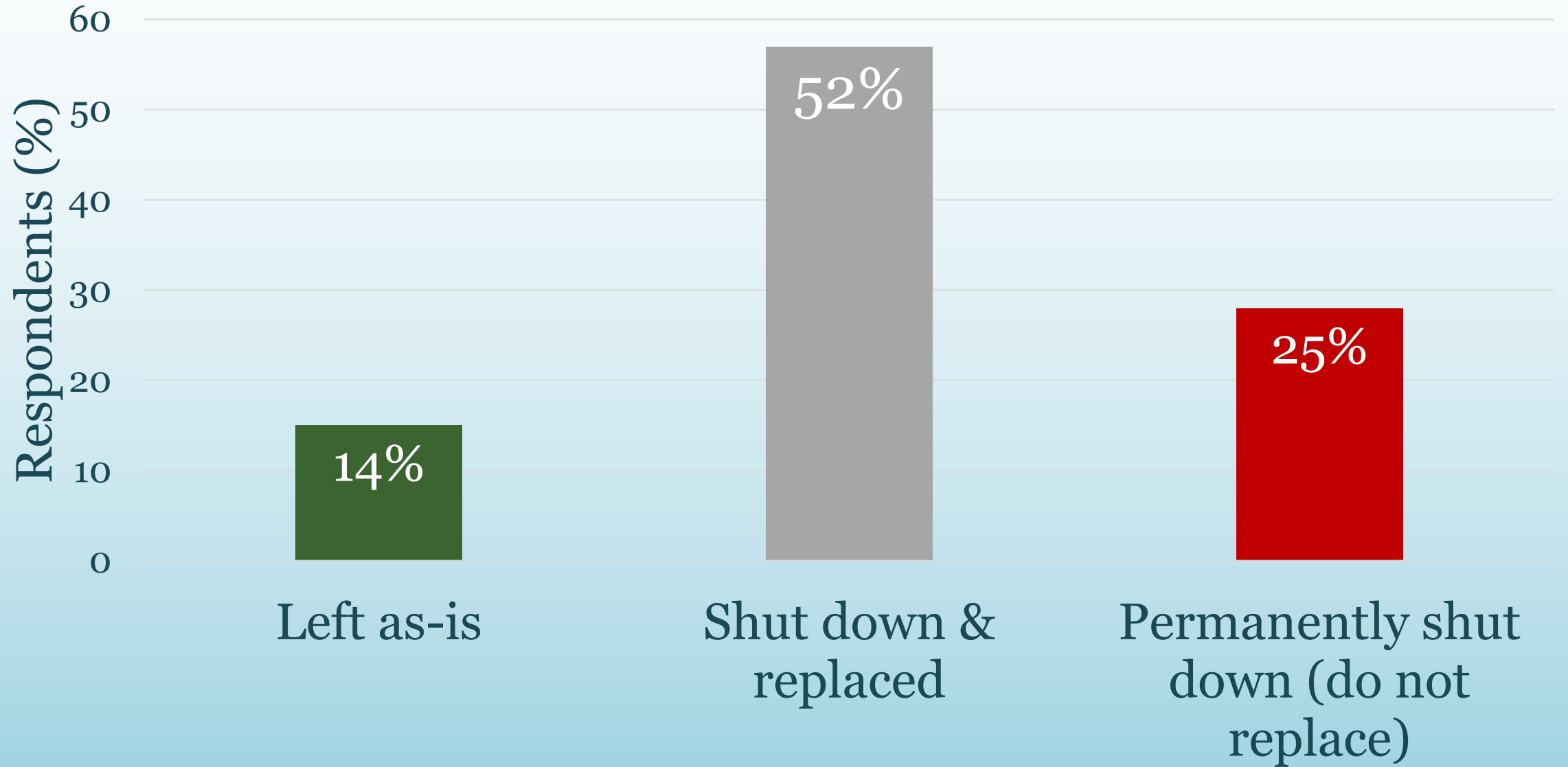
'The environmental risk associated with Line 5 is worth the economic benefit it provides'



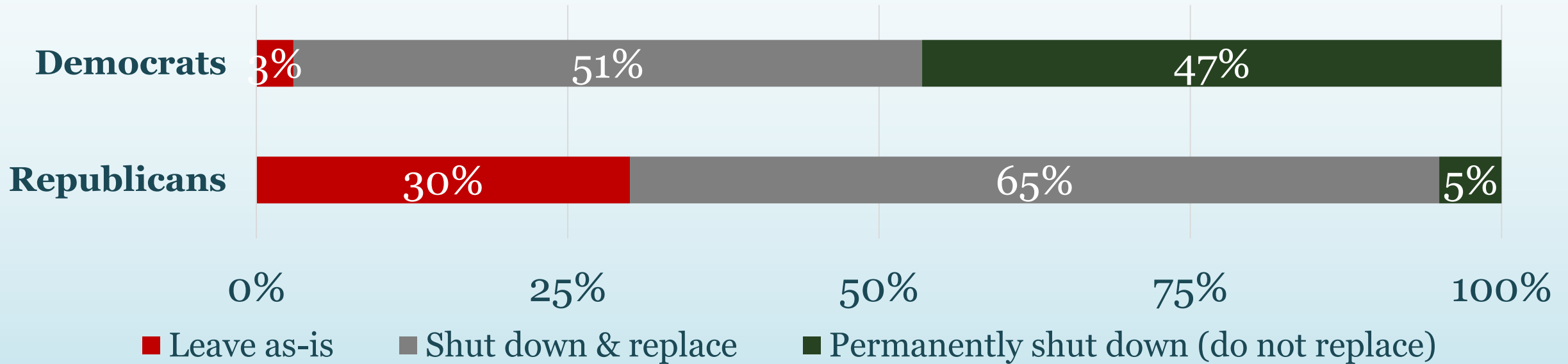
Environmental Risk & Economic Benefit by Political Party



Should Line 5 be...



What to do with Line 5 by Political Party

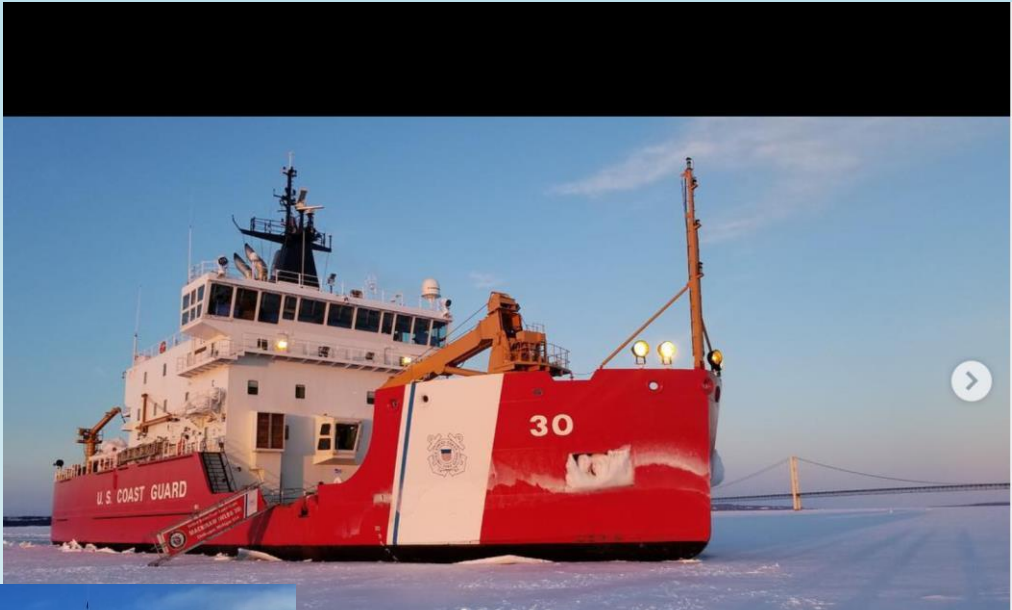


Majority of ***BOTH*** Democrats & Republicans
want Line 5 shut down & replaced

Next Steps

USCG invitation to Northern Michigan Area Committee (NMAC)

- Federal
- State
- Local
- Tribal
- Industry
- Advocacy groups



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jmstone97 Today we got to work with some incredibly smart research scientists from Michigan State University. Their work is helping to determine the properties and thickness of ice from RADAR Satellite pics, as well as how oil spills would react under the ice. Fascinating work that will benefit everyone in the Great Lakes region.



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