

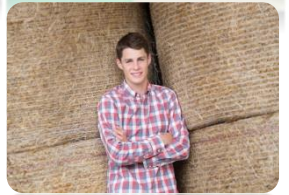
**SOOGA ANNUAL FALL TRADE SHOW
SEPTEMBER 26 17, 2019**

EDUCATION AND PUBLIC OUTREACH UPDATE

**Rhonda Reda, Executive Director
Ohio Oil and Gas Energy Education Program**

OHIO OIL & GAS ENERGY EDUCATION PROGRAM





Raffle Drawing



The Columbus Dispatch

Opinion

Letter: Oil, gas program gives firefighters safety training

September 25, 2019



The Sept. 16 Dispatch article “[Fracking liquid contains what, nonprofit asks,](#)” stated that emergency responders are denied important oil and gas chemical disclosure information.

As a fire chief and the lead instructor of Ohio’s oil and gas emergency response training program, I can verify that nothing could be further from the truth. Assertions that our firefighters lack the knowledge and expertise to address these emergencies are both false and disrespectful to these brave men and women who work hard to keep our communities safe.

State and federal laws require extensive disclosure of chemical compounds at all businesses, as well as those materials shipped by car, truck, rail or pipeline. These laws apply to oil and gas operations, too, and always have. Firefighters are trained to cross-reference chemical identification numbers on containers and placards with the U.S. Department of Transportation Emergency Response Guidebook to determine the best course of action. In addition, all businesses must maintain safety data sheets on a variety of materials.

In collaboration with safety experts from the fire service industry and regulatory agencies, the Ohio Oil and Gas Energy Education Program has trained nearly 1,600 firefighters in Ohio on oil and gas emergency safety protocols.

Proper firefighter training is being taught in Ohio, and as a result, our communities and our fire departments are better for it.

Chief Brent Gates, New Concord Fire Department



Firefighter/ Emergency Response Training Upcoming Classes

October 5 – 6 & November 2 – 3, 2019

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- 1,600 Firefighters
- 684 Fire Departments
- 60 Ohio Counties
- 7 Other States



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RESPONDING TO OILFIELD EMERGENCIES TRAINING

DATES

OCTOBER 5 - 6, 2019
NOVEMBER 2 - 3, 2019

TRAINING LOCATION

WAYNE COUNTY FIRE & RESCUE
REGIONAL TRAINING FACILITY
2311 SOUTH MILLBORNE ROAD
APPLE CREEK, OH 44606



HOTEL LOCATION

HILTON GARDEN INN
959 DOVER ROAD
WOOSTER, OHIO 44691



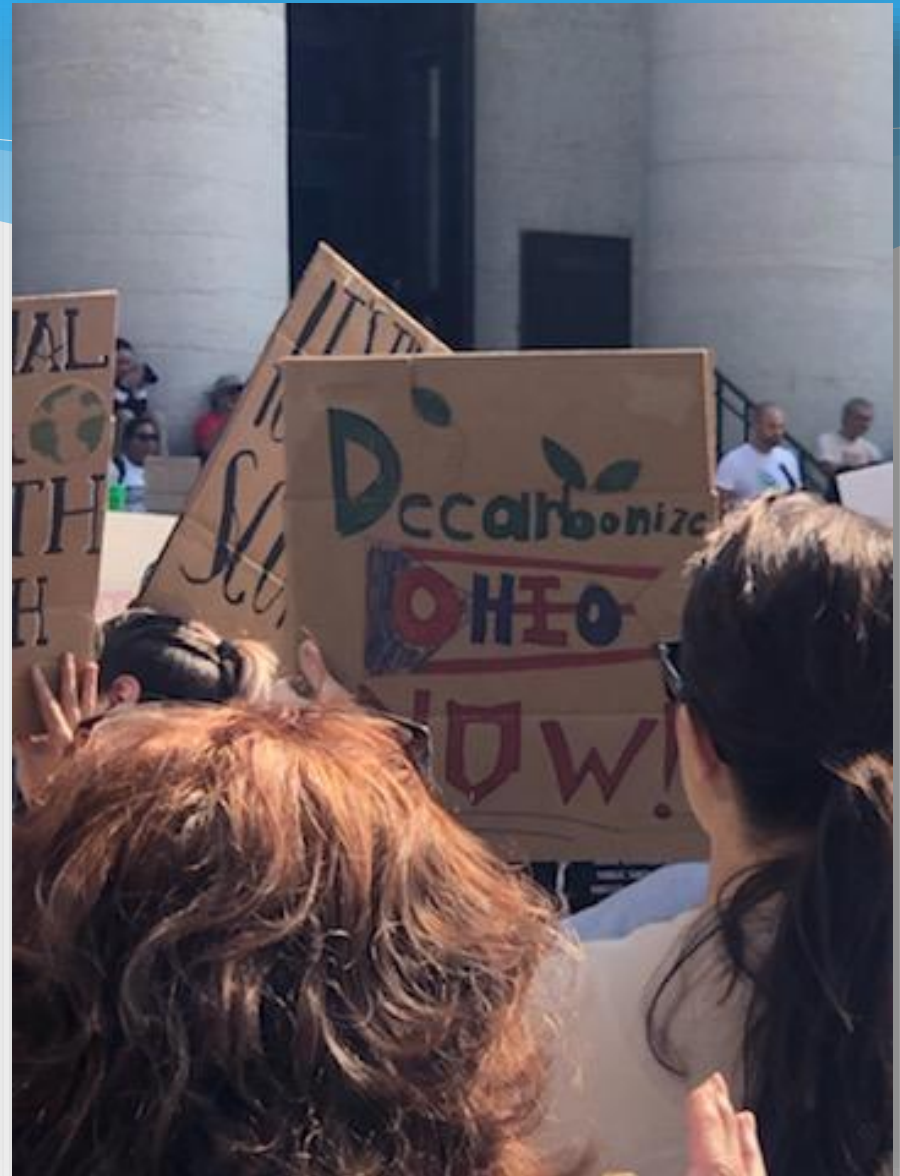
FUNDED & SPONSORED BY:
OHIO'S NATURAL GAS AND OIL PRODUCERS







Green “New” Deal



Pepper ... And Salt

THE WALL STREET JOURNAL

September 24, 2019



*"Pollution? Noise?
Better than whale oil."*

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Research: Public Opinion Surveys, Poling and Focus Groups

Perceptions of the Natural Gas and Oil Industry

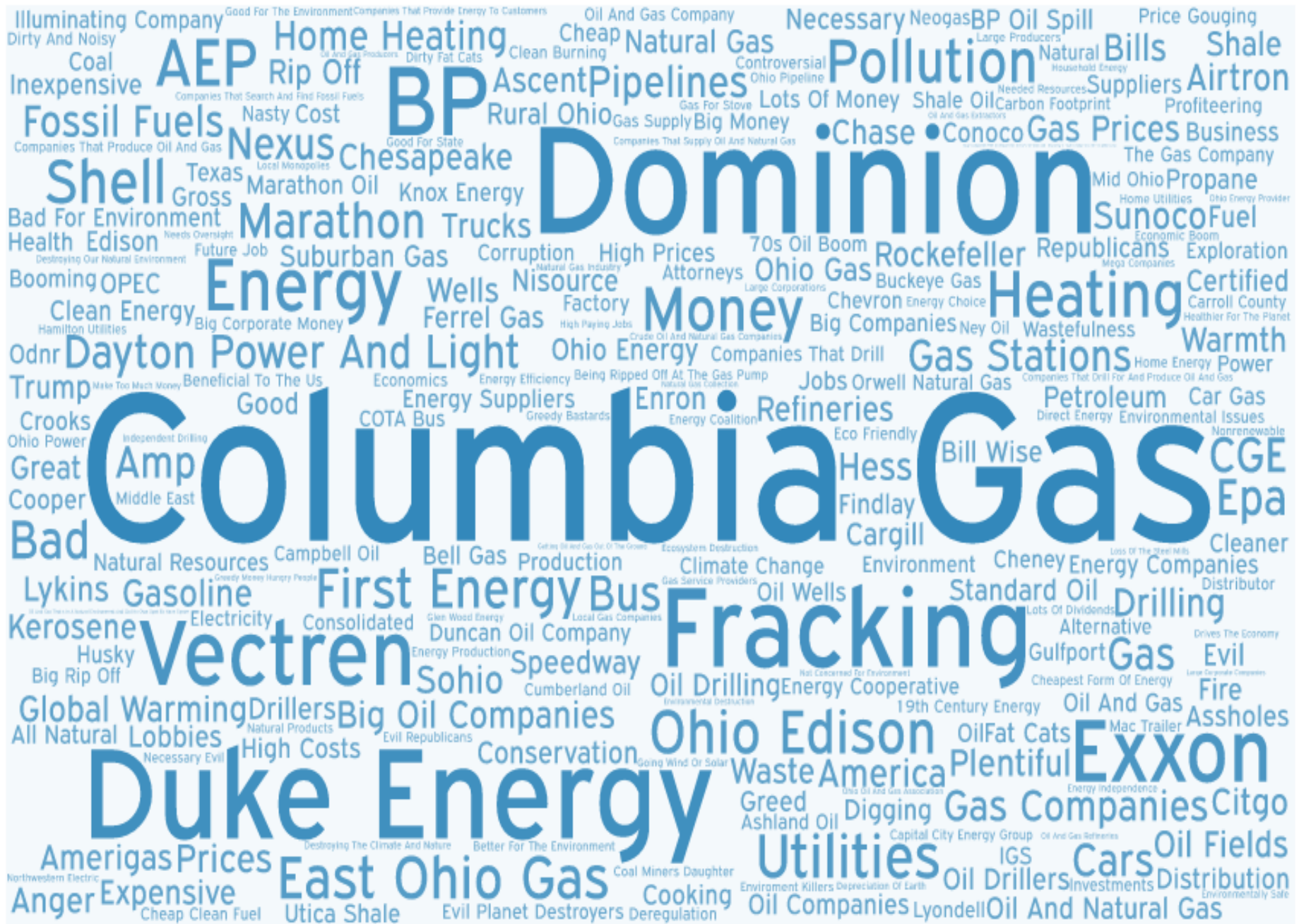
This research survey explores perceptions of the Natural Gas and Oil Industry among Ohio voters throughout the state (not just in the oil and gas producing counties).

Conducted by Saperstein Associates and
commissioned by the
Ohio Oil and Gas Energy Education Program

The interview began with the following open-ended question:

“When you see the phrase ‘oil and natural gas industry,’ who or what comes to mind?”

The most common responses were:



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General Impressions

At least eight out of ten voters* agree that Ohio's oil and natural gas industry:

- **Creates jobs;**
- **Hires local workers;**
- **Eases poverty;**
- **Saves consumers money;**
- **Drives Ohio's manufacturing industry; and**
- **Provides local workers with education and training.**

*Among voters with an opinion.

At least two out of three voters* recognize that Ohio's natural gas and oil industry:

- **Helps protect our national security;**
- **Gives back to local communities through charitable donations; and**
- **Supports road improvements.**

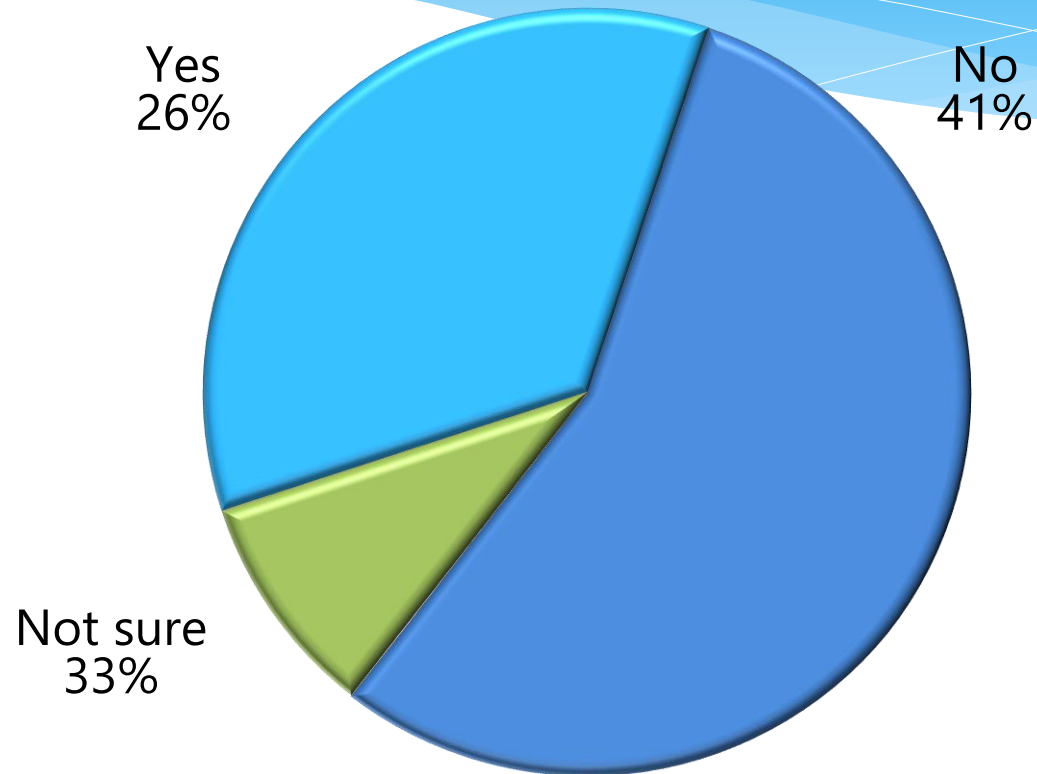
*Among voters with an opinion.

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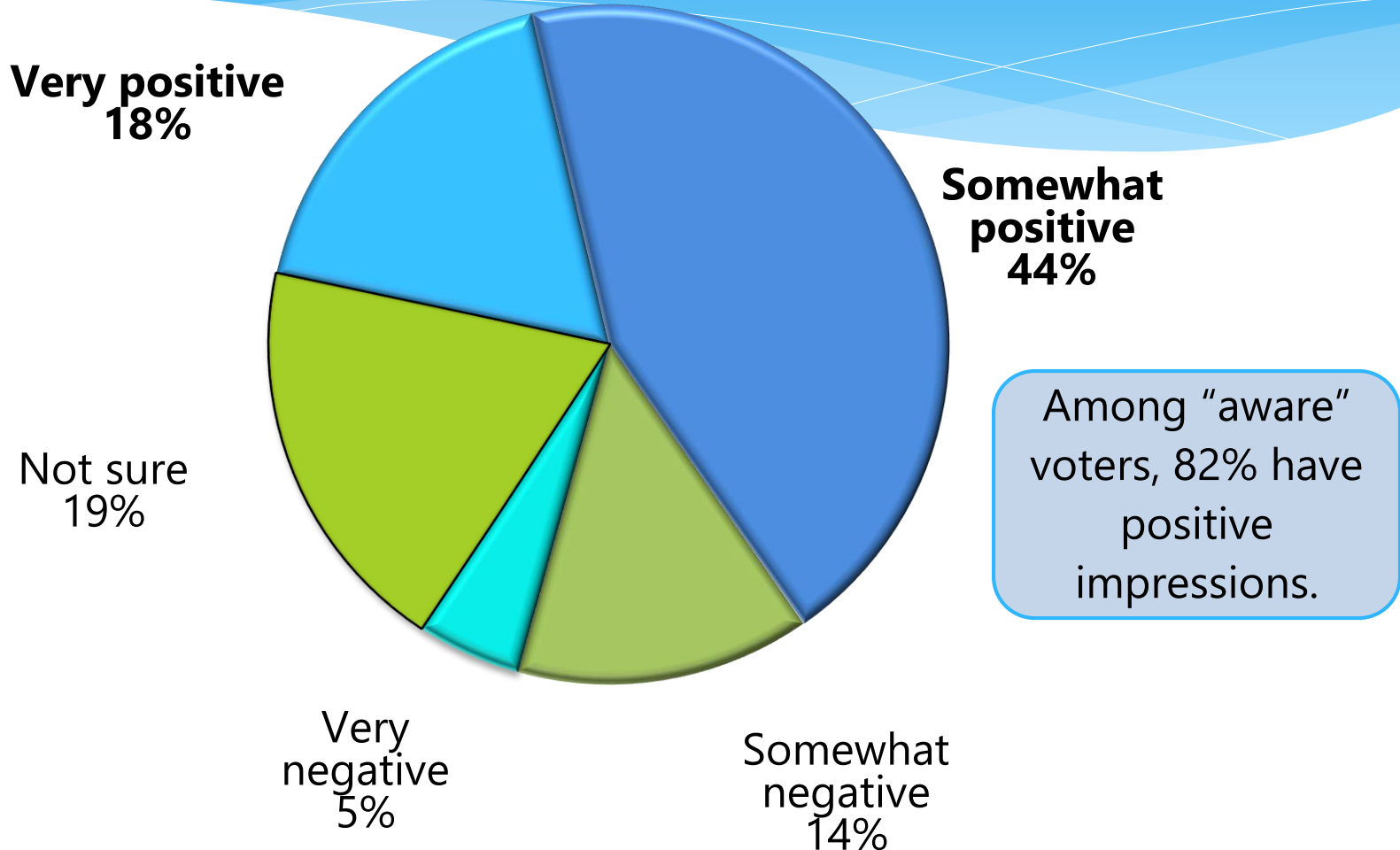


Overall Impressions

Only one voter in four believes that the U.S. could eliminate the use of fossil fuels by 2030.



Six out of ten voters have positive impressions of Ohio's oil and natural gas industry, overall. One out of five has no impressions.



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The Environment

- Most also agree that the industry's impact on Ohio's environment could be harmful, especially to the state's air and water quality.
- Fewer voters, but still a significant number, believe that Ohio's oil and natural gas industry causes human-induced climate change and that drilling causes earthquakes.
- Despite these perceptions, more than half the voters recognize that Ohio's oil and natural gas industry is safe and believes that it makes a strong effort to protect the environment. They agree, as well, that Ohio would benefit from additional natural gas pipelines.

Four facts that had a positive impact on impressions* of Ohio's natural gas and oil industry among seven out of ten voters:

- 1. The industry employs nearly 200,000 Ohio workers.**
- 2. Over the past ten years, increased natural gas production has saved consumers more than a trillion dollars.**
- 3. More than 6,000 household products are refined and processed from oil and natural gas; and**
- 4. The "Shale Crescent Region (OH, PA and WV)" ranks third in the world in natural gas production behind the entire U.S. and Russia.**

*Among voters with an opinion.

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Changing Impressions

Most voters* have positive impressions of oil and natural gas, and at least half consider it:

- Reliable;
 - Safe;
 - Abundant; and
 - Environmentally friendly.
-
- Impressions of natural gas were more positive than are those of oil.

*Among voters with an opinion.

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Mineral Rights

Mineral Rights

- Few voters acknowledge owning mineral rights or claim to know the difference between private landowner mineral rights and government mineral rights.
- Among voters with an opinion, at least eight out of ten agree, many strongly, that profit from mineral rights should be allowed on private and public land.
- Nearly half the voters also agree* that oil and natural gas development should be permitted on state and federal property.

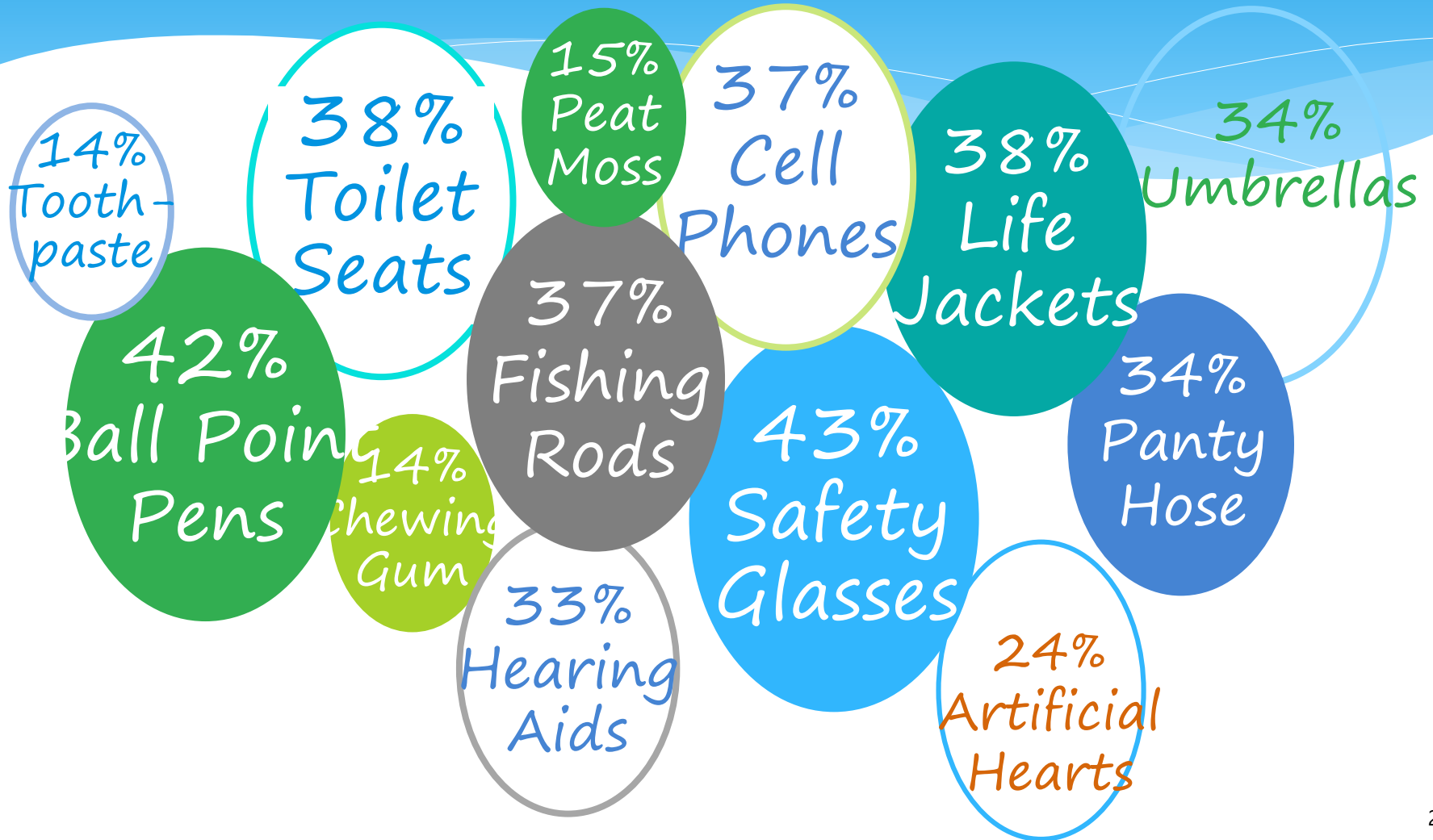
*Among voters with an opinion.

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Products Made From Natural Gas and Oil

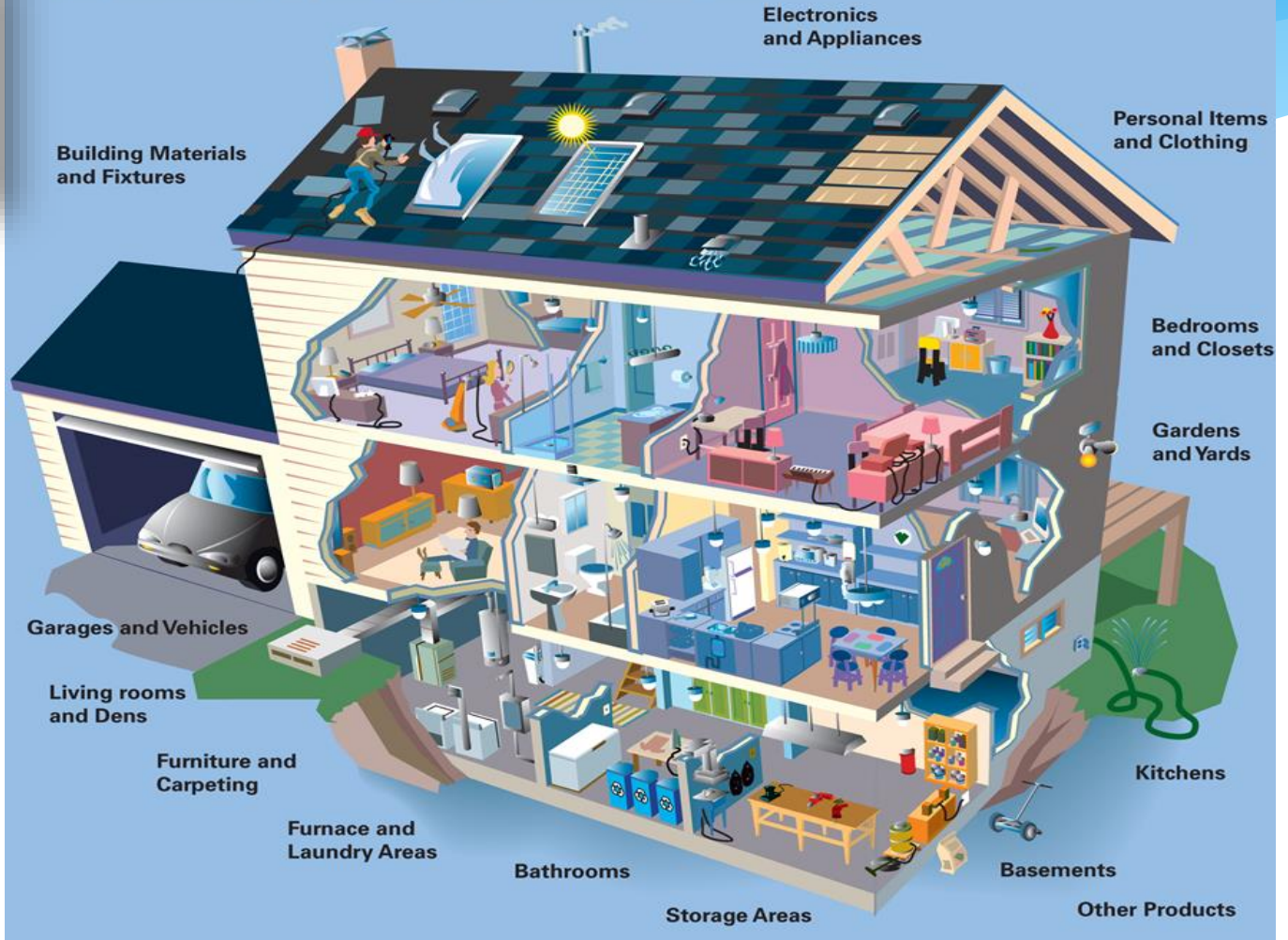
Most voters are not aware that natural gas and oil are essential components of numerous everyday products.



MUST DO MORE EDUCATION ON: How Natural Gas and Oil is used in their Homes!

Petroleum at Home

Living with the many petroleum-based products found in your home!



MUST DO MORE EDUCATION ON: How Natural Gas is used to Cook their Food and Heat their Water!



MUST DO MORE EDUCATION ON:

How Natural Gas and Oil makes their Communities Safe!



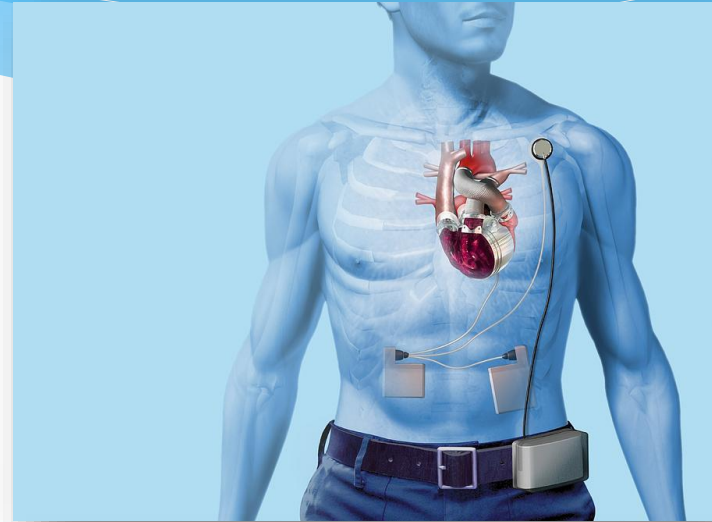
MUST DO MORE EDUCATION ON: How Natural Gas and Oil is used in their Everyday Activities!



MUST DO MORE EDUCATION ON: How they use Natural Gas and Oil for Food!



MUST DO MORE EDUCATION ON: How Natural Gas and Oil Makes Them Stay Healthy and Feel Better!



MUST DO MORE EDUCATION ON: How Natural Gas and Crude Oil is Needed for ALL forms of Transportation!



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Additional Research: Poling/ Focus Groups Why/ Where/ When?



“PETRO PRO” VOLUNTEER FORM



VOLUNTEER OPPORTUNITIES

Guest Speaker Mentorship Job Shadowing Host Other _____

CONTACT INFORMATION

Name: _____

Business / School / Organization: _____

Phone: _____ Email: _____

Address: _____

City: _____ State: _____ Zip: _____

County: _____

Grade / Subject Taught (if applicable): _____

PREFERENCES

Preferred Location(s) (county): _____

Preferred Subject(s) (i.e. general oil and gas topics, careers, engineering, geology, etc...): _____

Preferred Audience(s): K-12 Students Higher Education Civic Groups Other _____

Additional Preferences/ Comments: _____

PLEASE RETURN THIS FORM TO:
Ohio Oil and Gas Energy Education Program
P.O. Box 187, Granville, Ohio 43023 | (740) 587-0410
info@oogeep.org | www.oogeep.org

OHIO COLLEGE, UNIVERSITY, TECHNICAL & TRADE SCHOOL STUDENT ENERGY AWARENESS MONTH VIDEO CONTEST!

CASH PRIZES



GRAND PRIZE (1) \$1,000
GOLD PRIZES (2) \$500
SILVER PRIZES (4) \$250
BRONZE PRIZES (4) \$100
HONORABLE MENTIONS (2) \$25

VIDEO CONTEST DETAILS & REQUIREMENTS:

- ◆ Create a 2-3 minute video that highlights how everyday tasks and events can, or can not, be accomplished using petroleum-based products!
 - ◆ Topics can include any of the following, but we encourage you to come up with your own ideas!
 - Attending school (getting ready, getting to school, supplies, etc.), transportation, games/ sports, vacation, technology, cooking/ baking, etc.
- ◆ Be creative! Videos can be of any style; for example, documentary, game show, comedy act, theatre performance, etc...
 - ◆ Judging will be based on creativity and content.
- ◆ Videos are only accepted October 1 through October 31, 2019.
 - ◆ Upload video to jumpshare.com/oogeep or email to info@oogeep.org.
 - ◆ Fill out the form at the bottom of this page and send with video submission.
 - ◆ Name video file to match "video title" on the form below.
 - ◆ Contestants must attend an Ohio school.
 - ◆ Must be 18 years or older to submit videos.
 - ◆ Winners will be announced by January 2020.
 - ◆ All entries are subject to being shared on various electronic and non-electronic outlets.



**DEADLINE
OCTOBER 31**



Ohio Oil and Gas Energy Education Program
P.O. Box 187, Granville, Ohio 43023 | (740) 587-0410 | www.oogeep.org



Video Title: _____
 Student's Name: _____
 School Name: _____
 Address: _____
 Email: _____ Phone Number: _____
 Grade of student(s) in video: _____
 Check to be made out to (if a cash prize is awarded): _____

OHIO K-12 SCHOOL/ CLASSROOM ENERGY AWARENESS MONTH VIDEO CONTEST!

CASH PRIZES



GRAND PRIZE (1) \$1,000
GOLD PRIZES (2) \$500
SILVER PRIZES (4) \$250
BRONZE PRIZES (4) \$100
HONORABLE MENTIONS (2) \$25

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 - ◆ Fill out the form at the bottom of this page and send with each video submission.
 - ◆ Name video file to match "video title" on the form below.
 - ◆ Contestants must attend or work at an Ohio school.
 - ◆ Must be 18 years or older to submit videos (i.e. teacher of a group/ class)
 - ◆ Winners will be announced by January 2020. Limit to one cash prize per class.
 - ◆ All entries are subject to being shared on various electronic and non-electronic outlets.



**DEADLINE
OCTOBER 31**



Ohio Oil and Gas Energy Education Program
P.O. Box 187, Granville, Ohio 43023 | (740) 587-0410 | www.oogeep.org



Video Title: _____
 Teacher's Name: _____
 School Name: _____
 School Address: _____
 Email: _____ Phone Number: _____
 Grade of student(s) in video: _____
 Check to be made out to (if a cash prize is awarded): _____

Raffle Drawing:

Some “Frac Fuel – for when you need to wake the “frac” up”



Thank you for your Support!

