



U.S. Homeowner of Perceptions of Treated Wood



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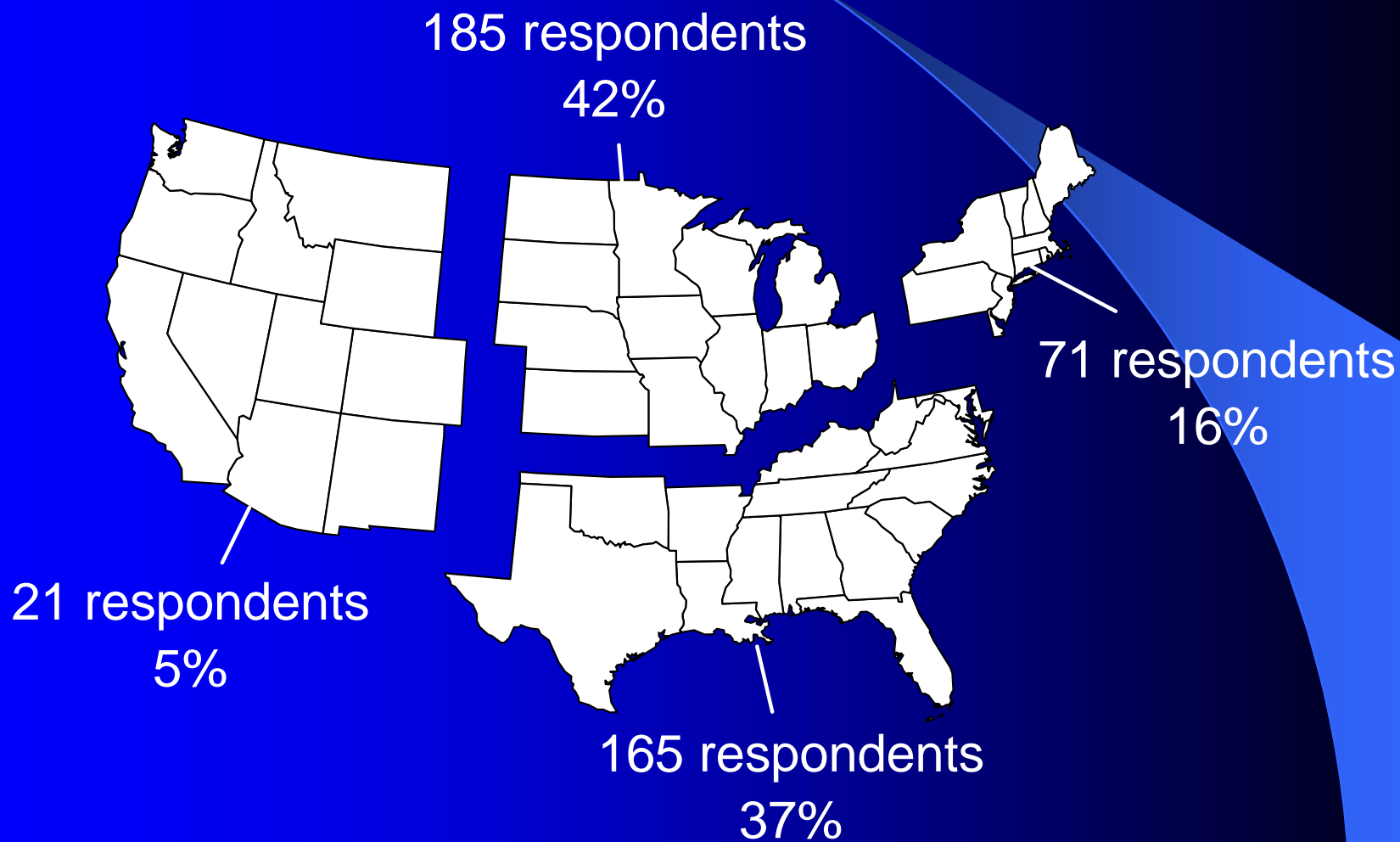
Forest Products

October 2002

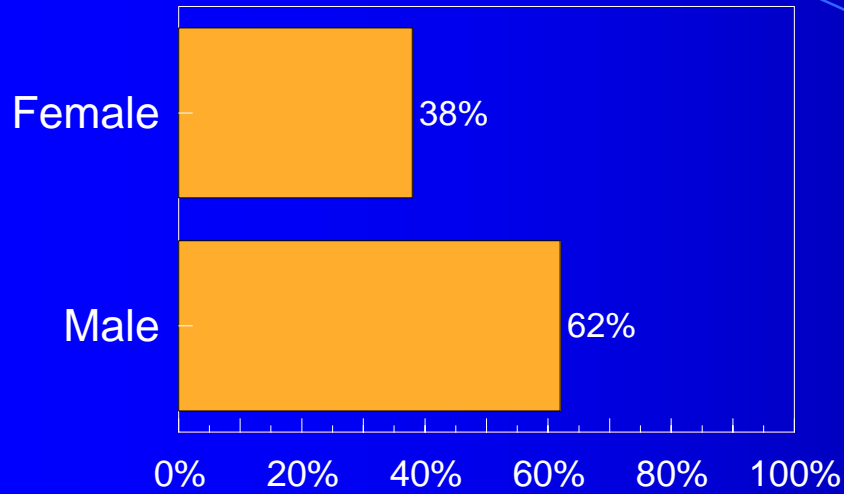
School of Renewable Natural Resources



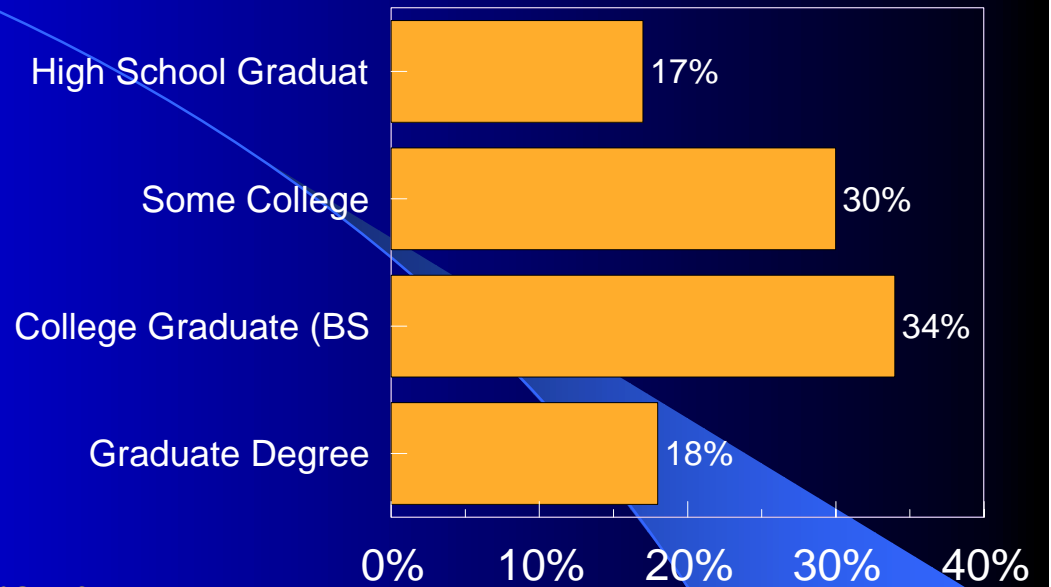
Respondent Geographic Regions (n=451)



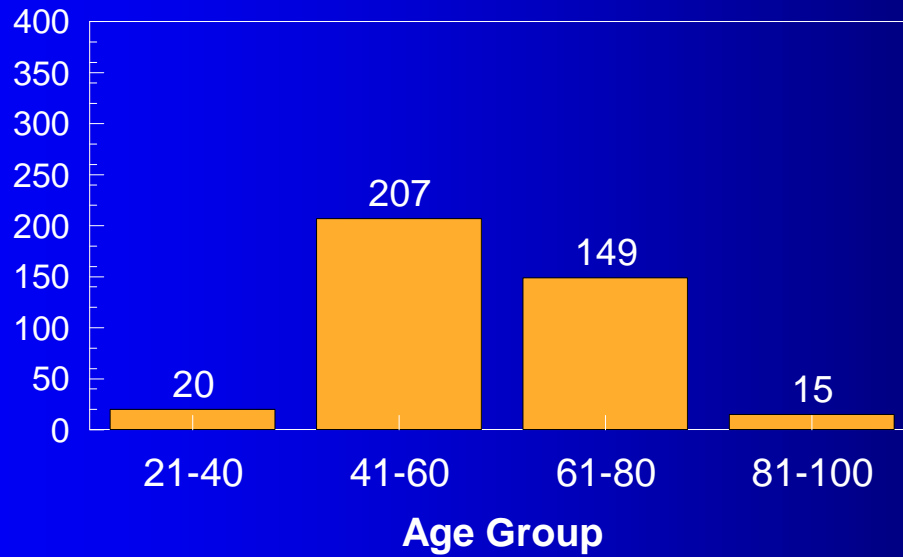
Gender (n=451)



Education Level (n=451)



Age Group (n=426)



New House Purchase Criteria

Mean Scores; Scale: 1=least important to 5=most important

	<i>Total</i>	<i>West</i>	<i>N. Central</i>	<i>Northeast</i>	<i>South</i>
Energy efficient	4.7	4.9	4.7	4.8	4.6
Cost of the house	4.6	4.7	4.6	4.5	4.5
Resale value	4.6	4.7	4.6	4.6	4.5
Resistance to wood destroying insects	4.4	4.5	4.2	4.4	4.6
Resistance to wind damage	4.2	3.9	4.2	4.3	4.3
Resistance to flooding	4.2	3.8	4.0	4.3	4.3
Free from as many chemicals as possible	4.0	4.3	4.0	4.2	4.0

Perception of the Number of Years Materials Last in Weather Exposed Above Ground (Percent of Respondents)

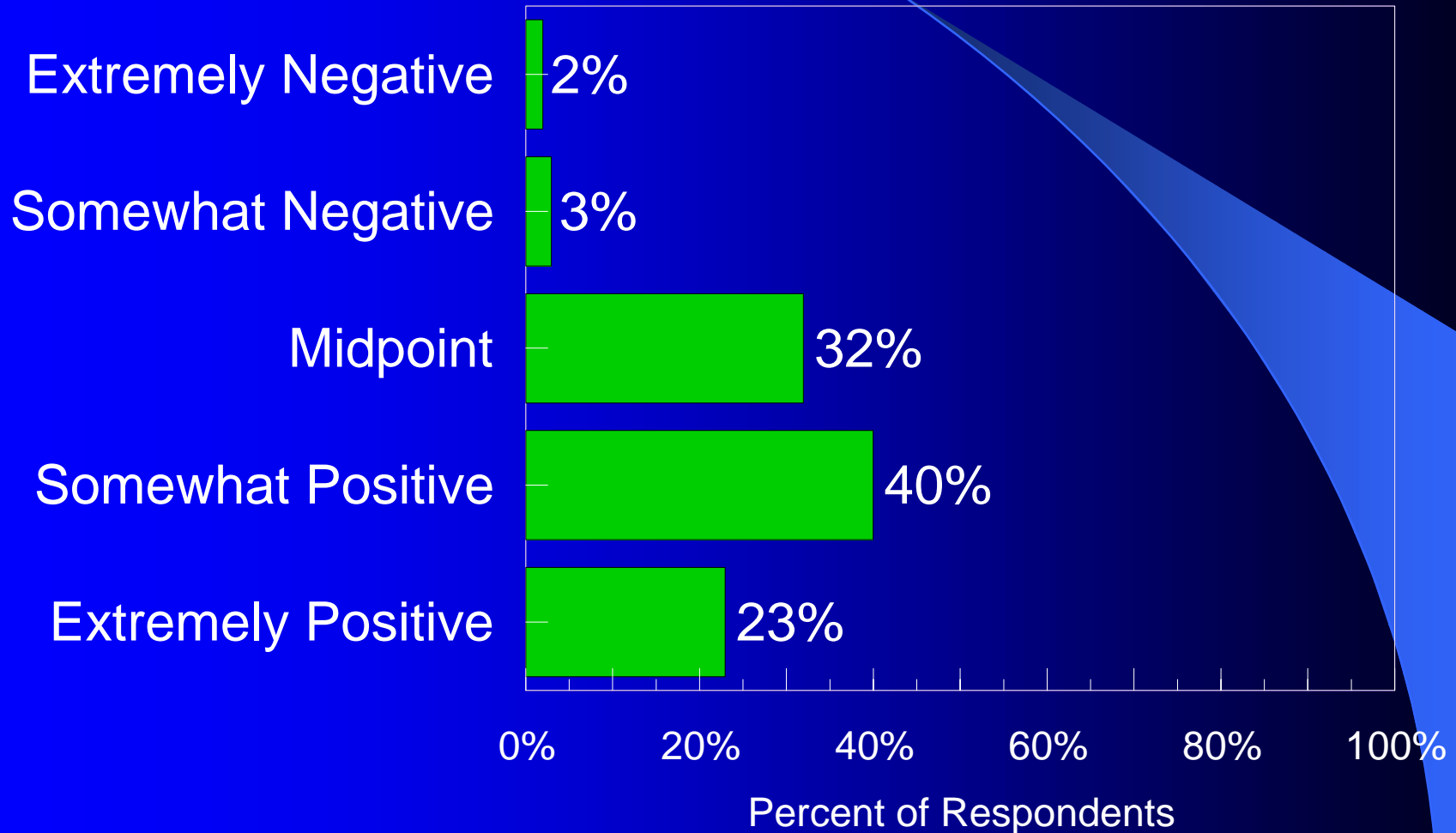
	<i>0-10 Years</i>	<i>11-25 Years</i>	<i>More than 25 years</i>
Concrete	2%	24%	73%
Steel	6%	22%	72%
Naturally durable species (cedar, redwood)	19%	56%	25%
<i>Treated lumber products</i>	18%	67%	15%
Untreated lumber products (pine, spruce, fir)	84%	14%	1%

Level of Harm to the Environment Caused by Building Material Manufacturing Processes

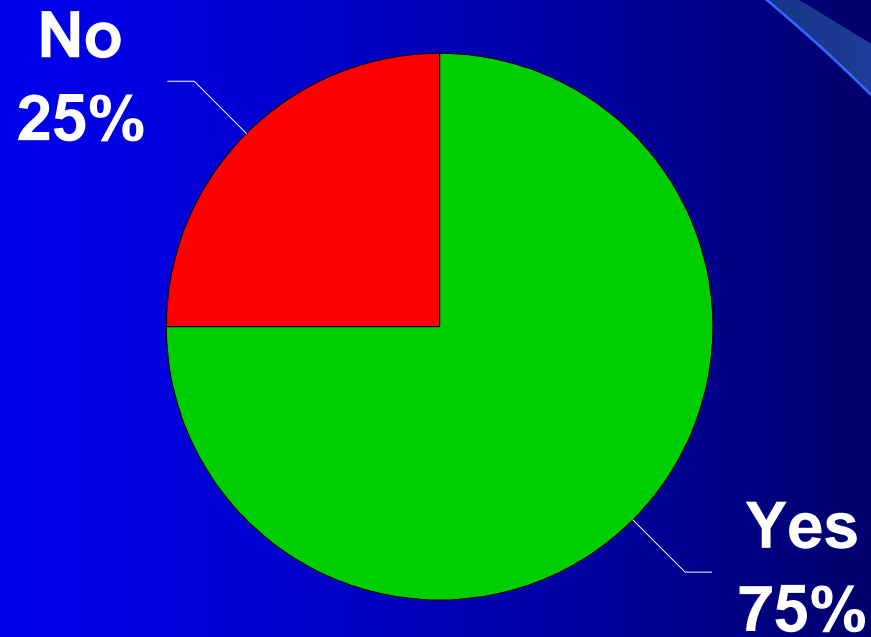
(Scale: 1=Strongly Disagree to 5= Strongly Agree)

	<i>Mean (Agreement) "Can do harm to the environment"</i>	<i>Percent Stating Agree or Strongly Agree</i>
Plastic	3.6	55%
Steel	3.4	48%
Treated Lumber	3.3	38%
Concrete	2.8	24%
Untreated Lumber	2.6	18%
Glass	2.8	18%

Overall Perception About Treated Wood (n=433)

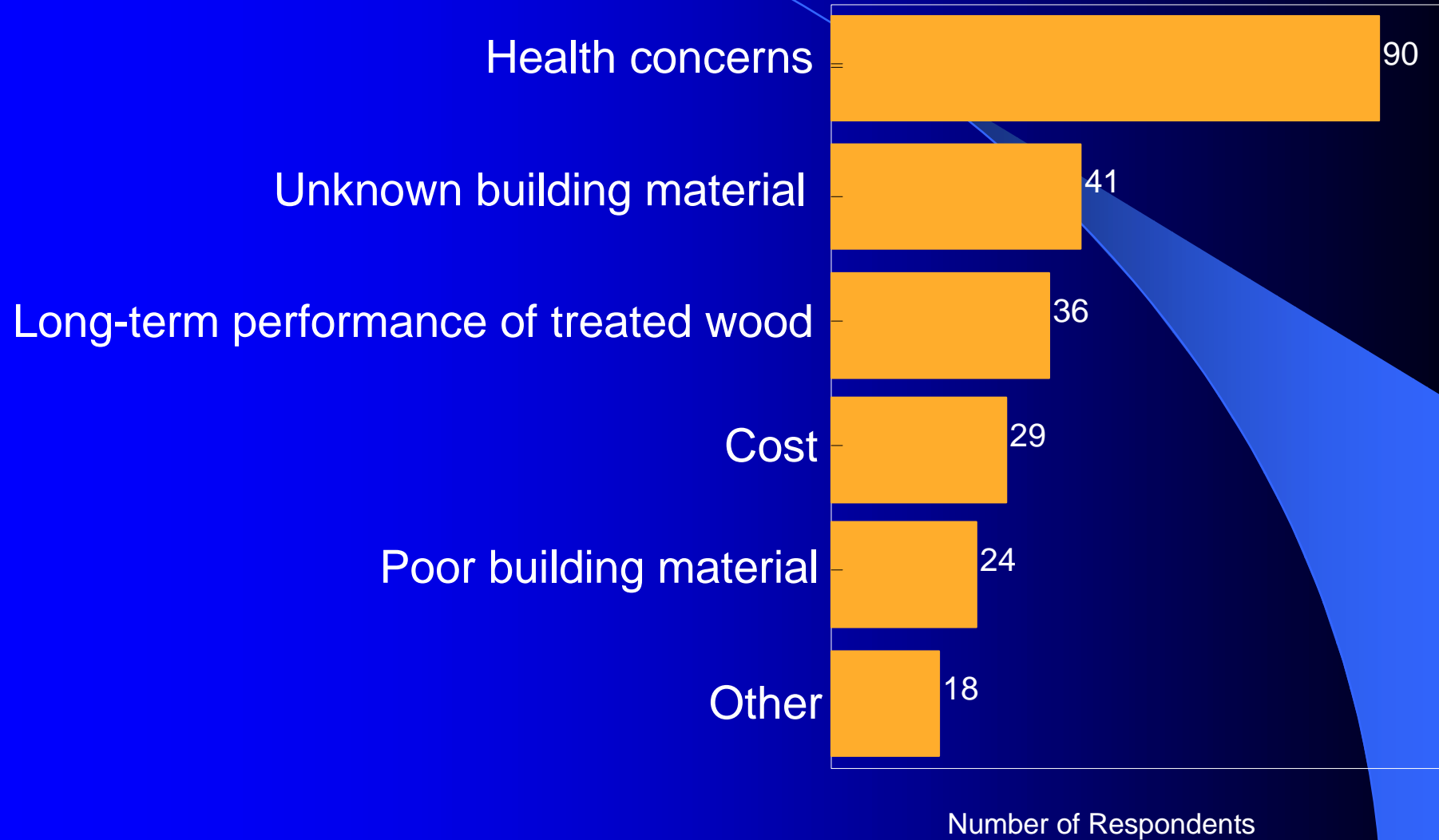


Willingness to Use Treated Wood Your Home (n=436)



If Will Not Use Treated Wood, Why Not?

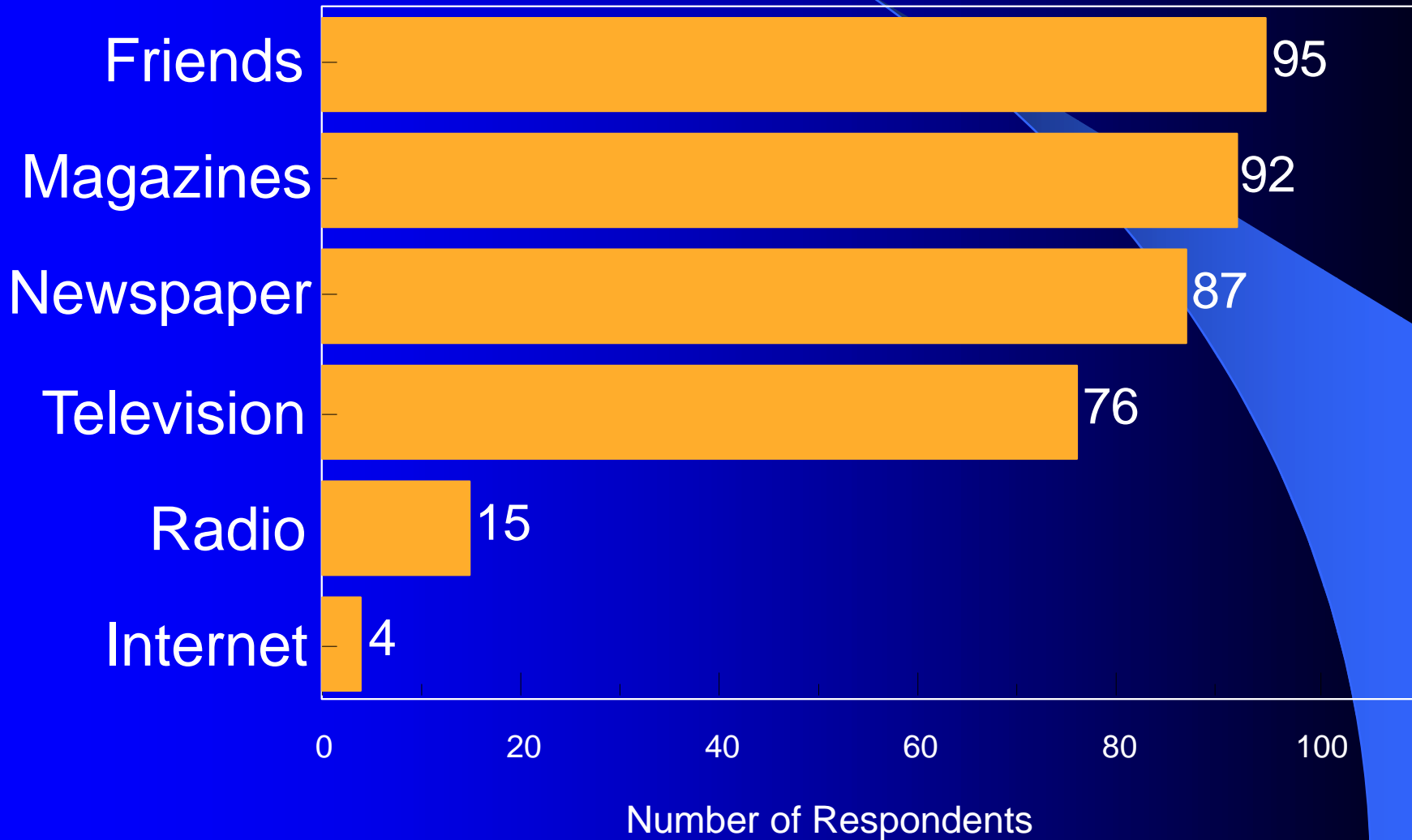
Number of Respondents
Multiple Responses Possible



How Formed Opinions Regarding Treated Wood

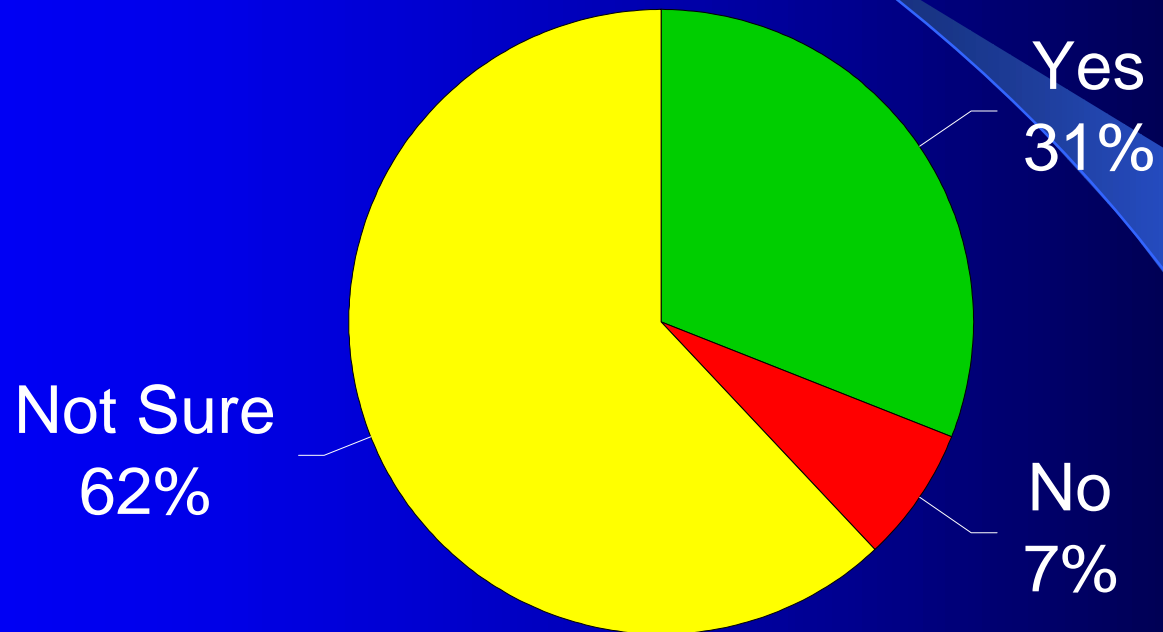
(n=447)

Number of Respondents
Multiple Responses Possible



Are Some Types of Treated Lumber Safer Than Others?

(n=441)



Consumer Safety Information Sheet

For additional information, call toll-free at 1-800-282-0600
or see website at www.ccasafetyinfo.com

INORGANIC ARSENICAL PRESSURE-TREATED WOOD (Including: CCA, ACA, and ACZA)

CONSUMER INFORMATION

This wood has been protected by pressure-treatment with an EPA-registered pesticide containing inorganic arsenic to protect it from insect attack and decay. Wood treated with inorganic arsenic should be used only where such protection is important.

Inorganic arsenic penetrates deeply into and remains in the pressure-treated wood for a long time. However, some chemicals may migrate from treated wood into surrounding soil over time and may also be absorbed from the wood surface upon contact with skin. Exposure to inorganic arsenic may pose certain health risks. Therefore, the following precautions should be taken both when handling the treated wood and in determining where to use or dispose of the treated wood.

USE SITE PRECAUTIONS

All soil and construction debris should be cleaned up and disposed of after construction. Do not use treated wood under circumstances where the preservative may become a component of food or animal feed. Examples of such uses would be use of mulch from recycled arsenic-treated wood, cutting boards, counter tops, animal bedding, and enclosures or containers for exotic animal feed or human food.

Only treated wood that is visibly clean and free of surface residues should be used for parks, decks and walkways.

Do not use treated wood for construction of those portions of buildings which may come into contact with baby.

Treated wood should not be used where it may come into direct or indirect contact with drinking water, except for uses involving incidental contact such as decks and walkways.

HANDLING PRECAUTIONS

Prevention of treated wood by ordinary rain collection. Treated wood should not be burned in open fires or in stoves, fireplaces, or woodstove/boilers because fumes that may be produced as part of the smoke and ash, treated wood fires, conventional or electrical use (e.g., construction sites) may be burned only in commercial or industrial incinerators or boilers in accordance with state and Federal regulations.

Avoid frequent or prolonged inhalation of wood dust from treated wood. When sawing, sanding, and finishing treated wood, wear a dust mask. Whenever possible, these operations should be performed outdoors to avoid further accumulation of airborne particles from treated wood.

When power-sawing and machining, wear goggles to protect eyes from flying particles. Wear gloves when working with the wood after working with the wood, and before eating, drinking, urinating, and use of tobacco products, wash exposed areas thoroughly. Because preservatives or sprays may be accessible on decks, they should be hosed down before use. Wash work clothes separately from other household clothing.

Approved by the U.S. Environmental Protection Agency

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Please see reverse side for **WARRANTY** info.

Safe Handling Information for CCA Preserved Wood

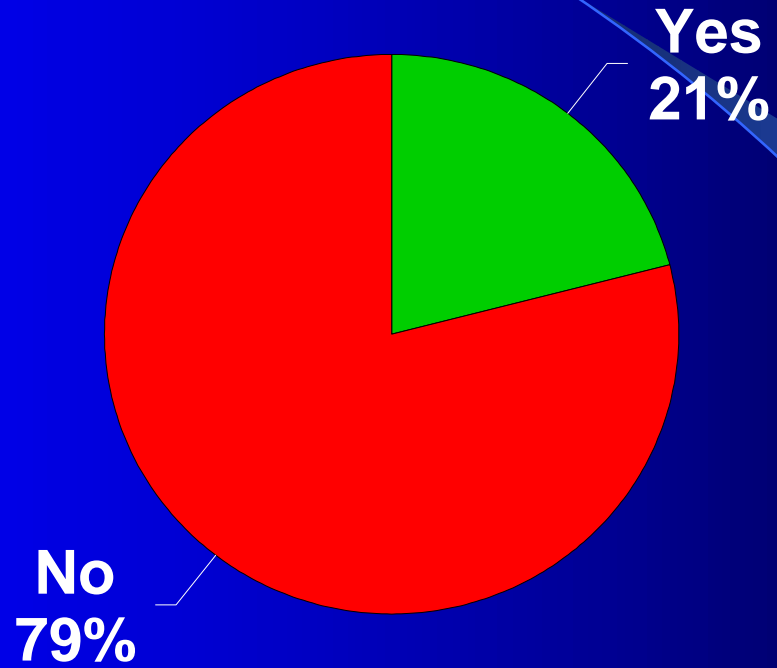
CAUTION : ARSENIC IS IN THE PESTICIDE APPLIED TO THIS WOOD

- NEVER BURN TREATED WOOD • WEAR DUST MASK & GOGGLES WHEN CUTTING OR SANDING WOOD
- WEAR GLOVES WHEN WORKING WITH WOOD

Ask for the Consumer Safety Information Sheet or call 1-800-282-0600. www.ccasafetyinfo.com

Knowledge of Treated Wood Consumer Information Sheets

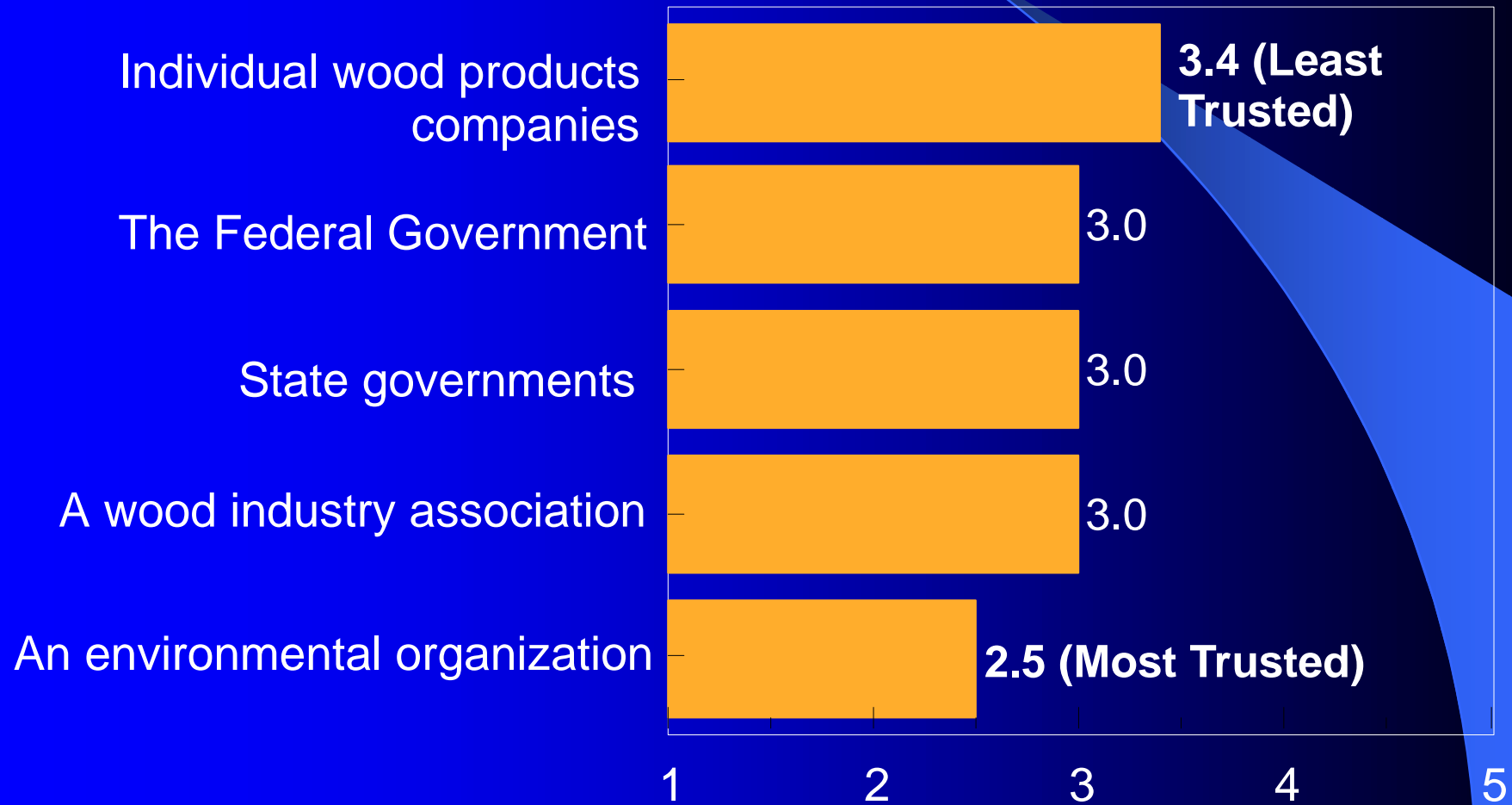
(n=442)



Entity Trusted to Provide Consumers with Treated Wood Safety and Handling Information

Scale: 1=MOST trusted to 5=LEAST trusted

(n=451)

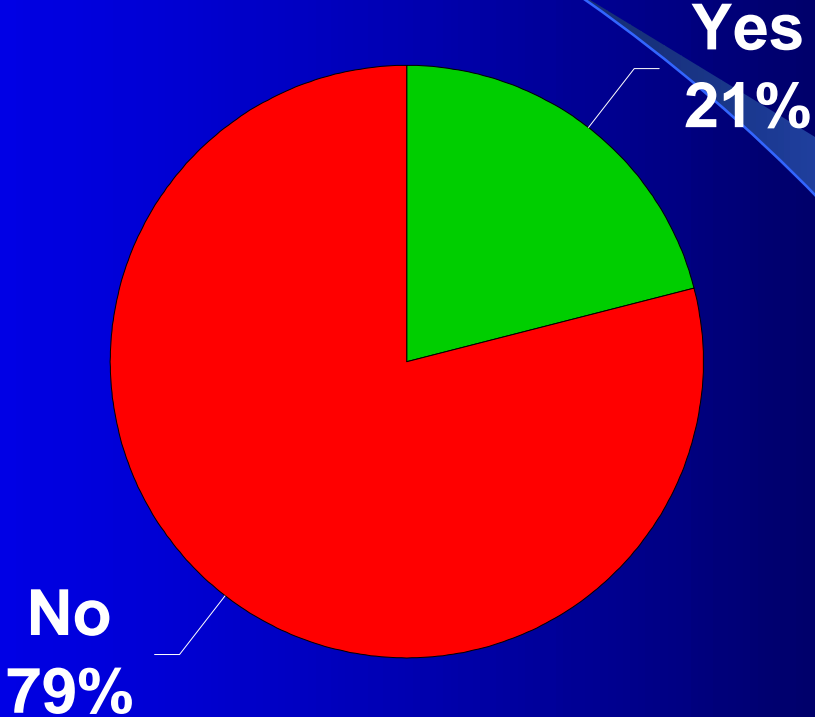


Treated Wood Applications Used in Current Residence

<i>Application</i>	<i>Number of Respondents</i>	<i>Percent of Respondents</i>
Decks	235	52%
Landscaping timbers	227	50%
Outdoor structures	165	37%
Outdoor furniture	77	17%
Wall/roof/floor framing in your home	68	15%
Other	66	15%
Home exteriors	65	14%
Permanent wood foundations	38	8%

Hired Remodeler/Contractor for Treated Wood Application?

(n=444)



Treated Wood Safety Issues

(Scale: 1=Strongly Disagree to 5= Strongly Agree)

Safe	Mean Score	Percent Stating Agree or Strongly Agree
Treated lumber is safe for outdoor human contact applications	4.0	69%
With proper use, handling and disposal of treated lumber is entirely safe	3.7	56%
Treated lumber is safe to builders	3.5	47%
Treated lumber is safe to children for outdoor play equipment	3.3	41%
Treated lumber is safe to be near pets or farm animals	3.3	38%
Unsafe		
Treated lumber is safe to residents for indoor applications	2.8	17%
Treated lumber is safe for food handling	1.8	9%

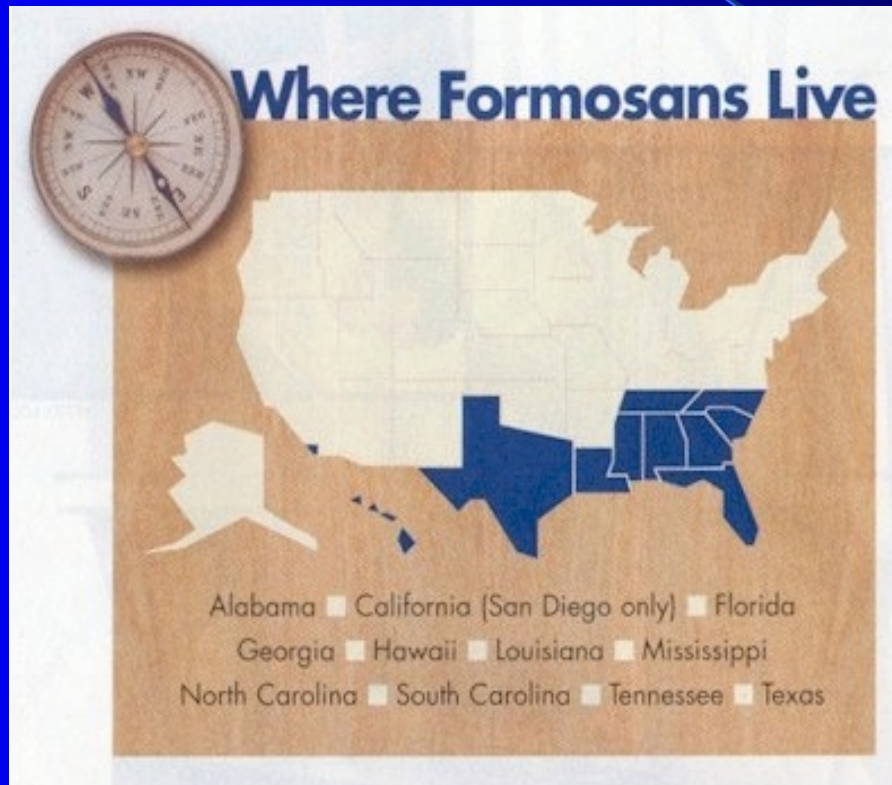
Familiarity with Treated Wood Chemicals (percent of respondents that are familiar)

<i>Chemical</i>	<i>Number of Respondents</i>	<i>Percent of Respondents</i>
Creosote	316	70%
Zinc Oxide	92	20%
Borax	86	19%
Penta	62	14%
CCA	42	9%
Magnesium Dioxide	32	7%

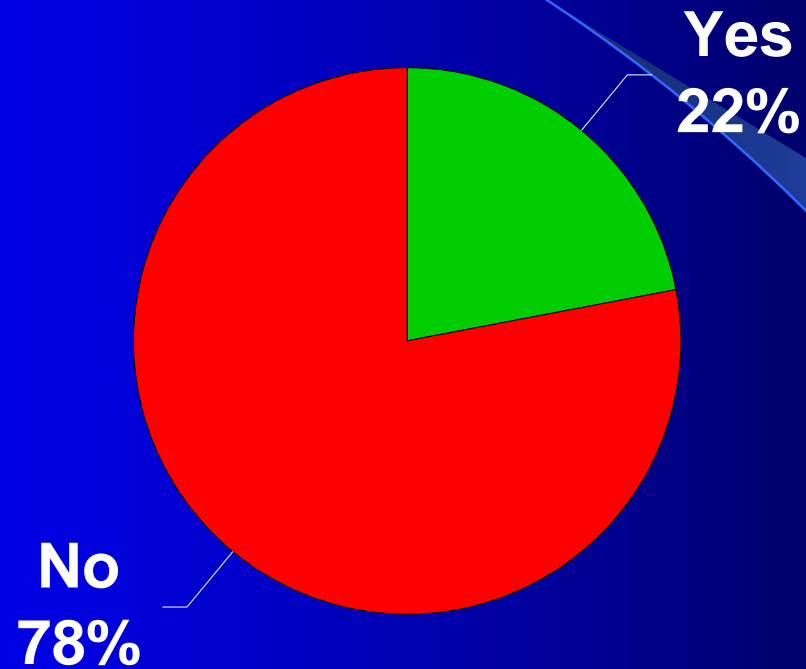
Perceptions of Health Risk to Humans from Exposure to Selected Chemicals/Elements

	1	2	3	4	5	
<i>Chemical/ Element</i>	<i>Poses No Health Risk</i>		<i>Poses Somewhat of a Health Risk</i>		<i>Poses a Significant Health Risk</i>	<i>No Opinion</i>
Arsenic	0%	0%	6%	10%	71%	9%
Chromium	10%	7%	18%	14%	15%	32%
Boron	4%	8%	17%	11%	8%	45%
Hydrogen	28%	13%	13%	4%	6%	31%
Zinc	12%	14%	18%	14%	6%	32%
Water	38%	20%	17%	4%	5%	12%
Borax	10%	16%	16%	10%	5%	38%
Copper	21%	19%	20%	7%	2%	26%
Oxygen	55%	12%	8%	2%	2%	16%

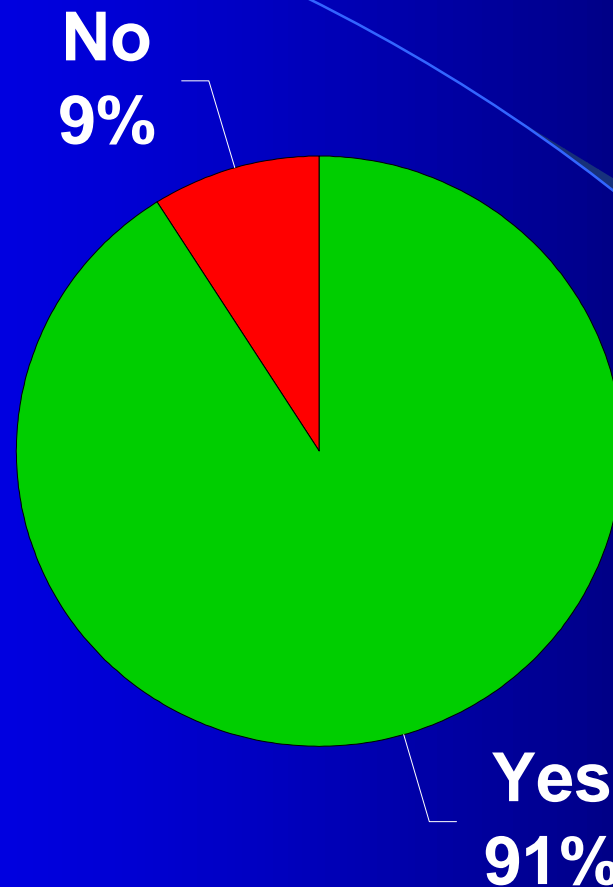
Formosan Subterranean Termite-A Big Problem



Knowledge About the Formosan Subterranean Termite (n=442)



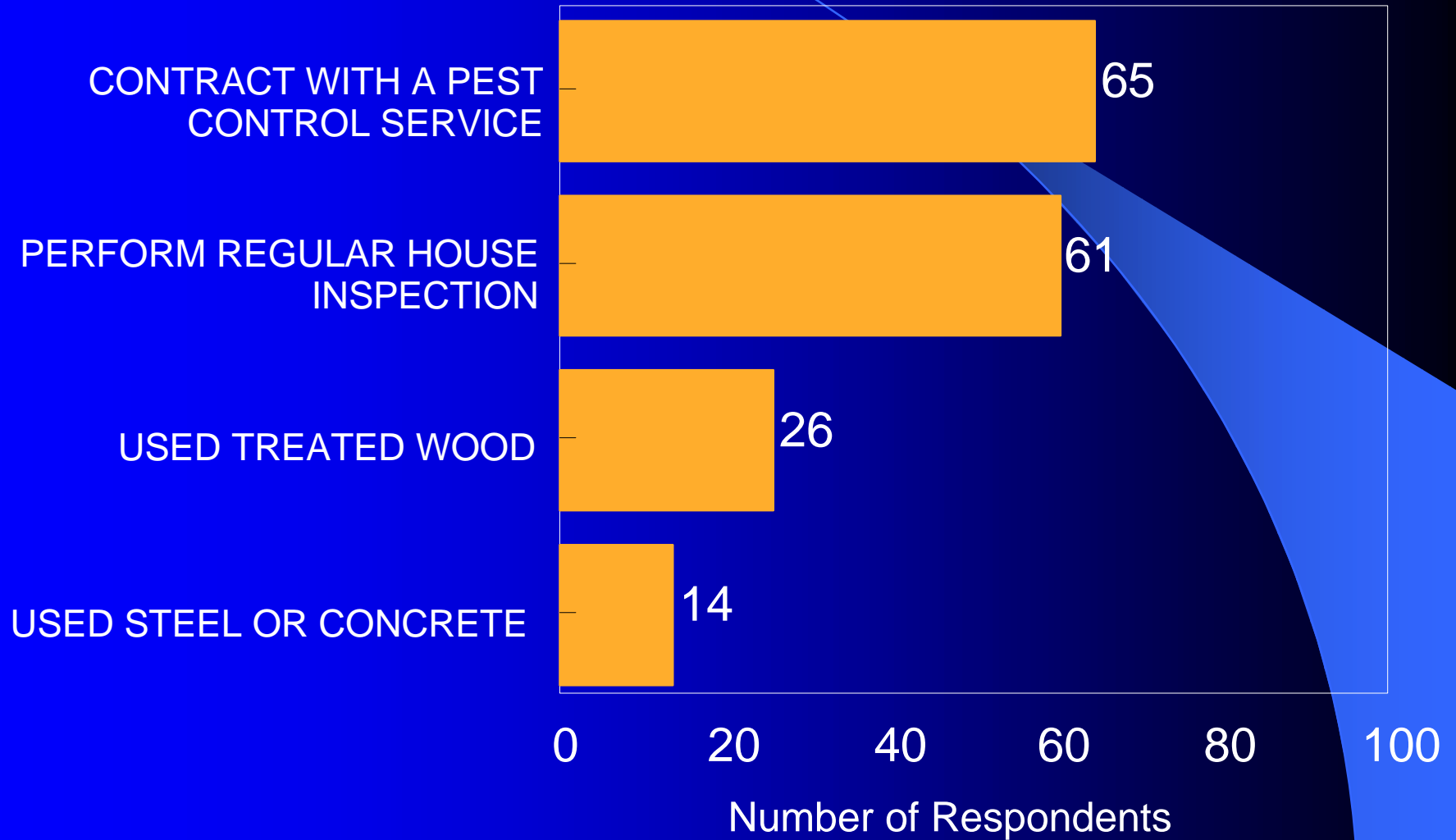
Potential for Formosan Subterranean Termite Could House Damage (n=106)



(65% of those who said "yes" are in the South)

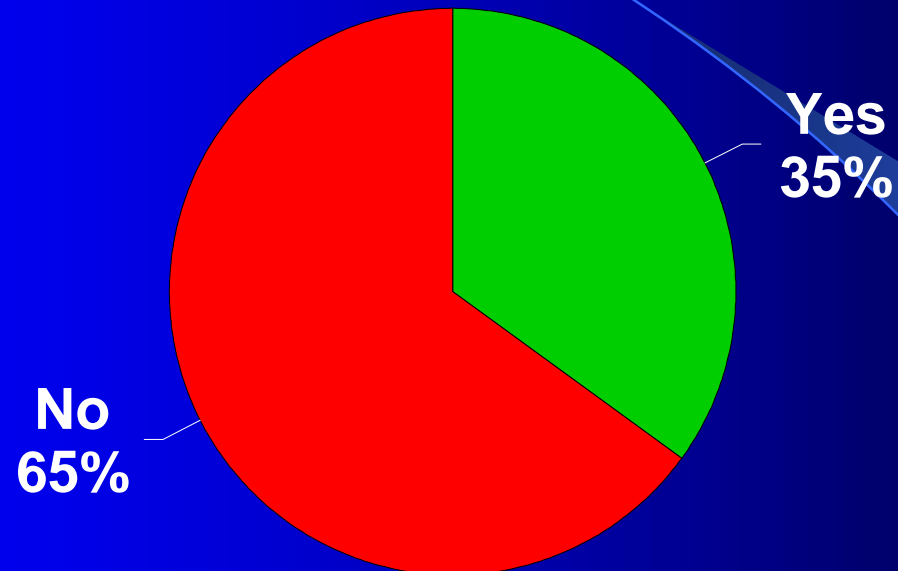
Steps Taken to Prevent Formosan Subterranean Termite Damage

Number of Respondents-Multiple Possible



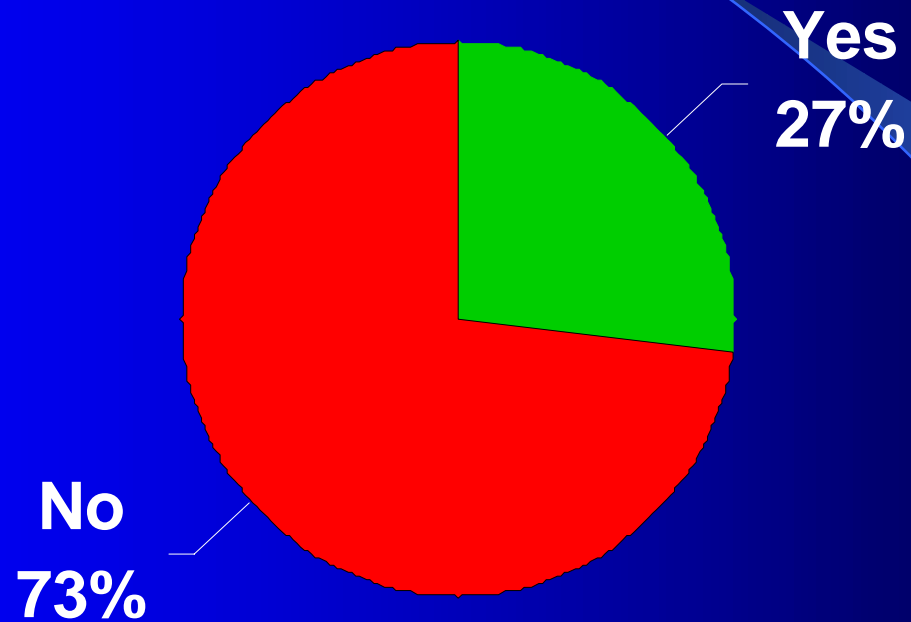
Ever Viewed the ABC Show called "The Practice"?

(n=447)

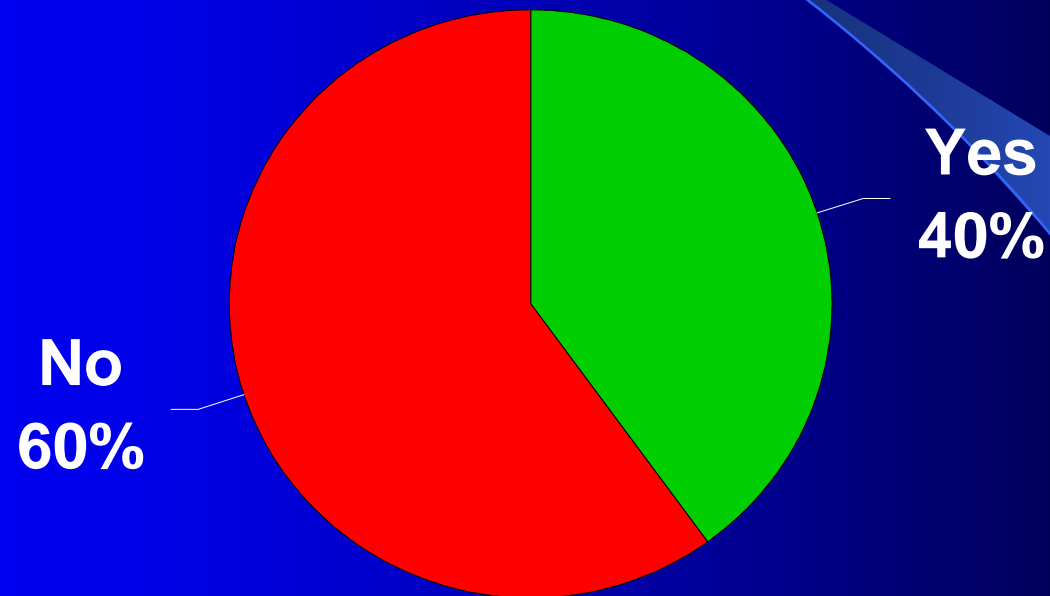


**For Respondents that HAVE Watched the Show:
Did You See the Episode on Treated Wood Related to
Alledged Child Illness?**

(n=155)



If Yes, Did The Episode Influence Your Opinion On Treated Wood?
(n=27)



Comments on how the episode influenced perceptions...

- The alleged illness was frightening.
- It made me think about health risks of treated wood.
- I will reconsider use in decks, playground/play facilities.
- Danger to children we may not be aware of.
- Would want my grandchildren to avoid treated wood!
- Treated wood playgrounds should be removed.
- The health problems the children experienced.
- Would have children wash thoroughly after using treated playground.
- I personally take more protective precautions when working with treated lumber.
- Realization that I need to know more about how the chemicals used to preserve the wood affect humans and pets and environment!

The poison in your back yard

Arsenic is in the pressure-treated wood used to build decks, docks, gazebos and children's play sets. With evidence mounting that the poison can leak out, some people ask: Is it time to switch to a safer alternative?

JULIE HAUSERMAN

© St. Petersburg Times, published March 11, 2001



Summary

- 52% of respondents have treated wood (deck) in their home
- 63% -- positive view of treated wood
- 75% are willing to use treated wood in their homes
- Concerns about toxicity of treating chemicals
- Distinct differentiation between safe and unsafe applications
- Treating companies least trusted in making safety claims

Questions

