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Insights and Applications

# Residents' Perceptions of Tap Water and Decisions to Purchase Bottled Water: A Survey Analysis from the Appalachian, Big Sandy Coal Mining Region of West Virginia

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predictors of purchase are perceived tap water quality, the saliency of drinking water concerns, and trust/distrust in the local water treatment facility.

Keywords: Appalachia coal mining drinking water environmental risks

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## Notes

Note. Statistically significant difference indicated by \* $p \leq .05$ ; \*\* $p \leq .01$ ; \*\*\* $p \leq .001$ .

<sup>a</sup> “Our home purchases distilled and bottled water” (model 1).

<sup>b</sup> “Water from my tap is always of good quality” (model 2).

<sup>c</sup> “Drinking water is a problem in my community” (model 3).

Related Research Data

Effects of components of protection-motivation theory on adaptive and maladaptive coping with a health threat.  
Source: American Psychological Association (APA)

The risky business of water resources management: assessment of the public’s risk perception of Oregon’s water resources  
Source: [Journal of Environmental Management](#)

Clean water and sanitation in Appalachia  
Source: [Environmental Health Perspectives](#)

Determinants of water quality in Appalachia  
Source: [Environmental Health Perspectives](#)

Acid mine drainage in Appalachia  
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Coal mining and water quality in Appalachia  
Source: [Environmental Health Perspectives](#)

Arsenic in drinking water in Appalachia  
Source: [Environmental Health Perspectives](#)

Politics of Hazard Mitigation

Source: American Society of Civil Engineers (ASCE)

Impact of acid mine drainage on benthic communities in streams: the relative roles of substratum vs. aqueous effects.

Source: Elsevier BV

Consumers' Perceptions of Risks from Pesticide Residues and Demand for Certification of Residue-Free Produce

Source: Springer Netherlands

What's Wrong with the Tap? Examining Perceptions of Tap Water and Bottled Water at Purdue University

Source: Springer Science and Business Media LLC

Critical trust: understanding lay perceptions of health and safety risk regulation

Source: Informa UK Limited

Health Beliefs and Intentions: Predictors of Return Compliance in a Tuberculosis Detection Drive<sup>1</sup>

Source: Wiley

Social Distrust as a Factor in Siting Hazardous Facilities and Communicating Risks

Source: Wiley

Sociobehavioral determinants of compliance with health and medical care recommendations.

Source: Ovid Technologies (Wolters Kluwer Health)

(Re)theorizing the Politics of Bottled Water: Water Insecurity in the Context of Weak Regulatory Regimes

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