

An economic evaluation of the demand for beach safety information Abigail Kaminski¹; Kathleen P. Bell; Caroline Noblet; Keith Evans; **University of Maine, School of Economics**

INTRODUCTION



- water quality conditions.



Model

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Table 1. Wald tests of joint significance: groups of significant
 variables in each model

Both water quality & surf conditions

Experience & Familiarity Proxies

1. Do beach users' past experiences and familiarity with beaches impact demand for beach safety information? There is evidence that past experience and familiarity with beaches impact information-seeking behavior. Notably, those who engage in direct contact with coastal water are more likely to seek out safety information.

2. Do the factors impacting demand for surf conditions information and water quality information differ?

Our results indicate that factors that influence safety information demand differ between types of information. In general, users were least likely to seek out water quality information only. Demographic and personal characteristics along with risk proxy variables were jointly significant in the water quality only and surf only models, while experience & familiarity were significant in the models for both types of information, and for surf conditions only.



Users may regard the risks associated with surf conditions and water quality differently, and our results leave us with questions about who is seeking out information about water quality only. Water quality communication efforts might reach a broader audience by linking their information with surf conditions information.



Surf Conditions

Demographic & Personal Characteristics Risk Proxies

Experience & Familiarity Proxies Water Quality

Demographic & Personal Characteristics Risk Proxies

CONCLUSION

