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Measures of forest fire smoke exposure and their associations with respiratory health outcomes.

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Abstract

PURPOSE OF REVIEW: Exposure to forest fire **smoke** is episodic, which makes its health effects challenging to study. We review the newest contributions to a growing literature on acute respiratory outcomes.

RECENT FINDINGS: **Smoke** exposure was associated with increases in self-reported symptoms, medication use, outpatient physician visits, emergency room visits, hospital admissions, and mortality. The associations were strongest for the outcomes most specific to asthma.

SUMMARY: Studies with varied approaches to exposure assessment and varied measures of respiratory outcomes were consistent among themselves, and consistent with most previous work.

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