

Perceived Risk and Risk-taking Behavior During the Festival Firework

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Objectives: To investigate the relationship between perceived risk and risk-taking behaviors during the Iranian Last Wednesday Eve Fireworks (ILWEF). **Methods:** A random sample of 2475 Tehranian households were asked on perceived risk of injury, risk-taking behaviors, experience of injuries, and their perception of ability to manage the harmful events during the ILWEF. **Results:** Lower perceived injury risk and

higher perceived ability of managing an injured household member were associated with participation in fireworks practice and incidence of injury. **Conclusion:** These findings can be of practical importance to increase safety during festivals by improving risk perception in the community.

Key words: safety, injury, firework, perceived risk, perception, risk

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