## Patterns and Trends in Injuries Due to Chemicals Based on OSHA Occupational Injury and Illness Statistics

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## **ABSTRACT**

The Occupational Safety and Health Administration (OSHA) and the Bureau of Labor Statistics (BLS) provide the Survey of Occupational Illness and Injury (SOII) statistics from 1992 to 2006, which is often used to measure the rate of injuries and illness in industry. The present system of gathering and classifying this data was implemented in 1992 with minor changes in 2002.

It is hoped that using these statistics to measure safety progress and determine patterns of injury will guide further improvements in chemical safety. Recognizing such factors as what chemicals most frequently cause injury can help to focus safety efforts regarding that chemical. Factors such as what part of the body is most commonly affected by particular chemicals can lead to improved personnel protection practices.

This paper provides a detailed analysis of injuries due to chemicals using OSHA's SOII data, which offers valuable insight into measures that should be taken to reduce injuries due to chemicals.