

## Healthy People 2010 Operational Definition

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### **20-3. Reduce the rate of injury and illness cases involving days away from work due to overexertion or repetitive motion.**

<b>National Data Source</b>	Survey of Occupational Injuries and Illnesses (SOII), Department of Labor, Bureau of Labor Statistics.
<b>State Data Source</b>	Survey of Occupational Injuries and Illnesses (SOII), Department of Labor, Bureau of Labor Statistics.
<b>Healthy People 2000 Objective</b>	10.3 (Occupational Safety and Health).
<b>Changes since the 2000 Publication</b>	None.
<b>Measure</b>	Rate per 100,000 workers.
<b>Baseline (Year)</b>	675 (1997)
<b>Target</b>	338
<b>Target-Setting Method</b>	50 percent improvement.  For a discussion of target-setting methods, see Part A, section 4.
<b>Numerator</b>	Number of reported work-related nonfatal occupational injuries and illnesses due to overexertion or repetitive motion involving days away from work among workers.
<b>Denominator</b>	Total number of hours worked by workers in private industry.
<b>Population Targeted</b>	Workers in private industry establishments—see Comments.
<b>Questions Used To Obtain the National Baseline Data</b>	From the 1998 Annual Survey of Occupational Injuries and Illnesses:  [NUMERATOR:] <i>Copy these totals from your OSHA No. 200 form:</i> <ul style="list-style-type: none"><li>➤ <i>Injuries with days away from work, restricted workdays or both _____</i></li><li>➤ <i>Injuries without lost workdays _____</i></li><li>➤ <i>Disorders associated with repeated trauma _____.</i></li></ul> [DENOMINATOR:]

- *How many hours did your employees (salaried as well as hourly employees) actually work during 1998?*

**Expected Periodicity**

Annual.

**Comments**

The Survey of Occupational Injuries and Illnesses is a cooperative Federal – State program in which employer reports are collected from approximately 164,000 private industry establishments. The survey measures nonfatal injuries and illnesses only and excludes the self-employed, farms with fewer than 11 employees, private households, and employees in Federal, State, and local government agencies.

Nonfatal occupational injuries are defined as work-related injuries involving loss of consciousness, restriction of work or motion, transfer to another job, or medical treatment other than first aid. For this objective nonfatal occupational injuries include those to workers regardless of age that involve days away from work as well as those without lost workdays.

The rate per 100,000 full-time workers is computed by (1) dividing the number of occupational injuries reported by the total number of hours worked by all employees during the calendar year, and (2) multiplying the result by 200,000,000. The factor 200,000,000 represents the hours worked in a year by 100,000 full-time equivalent workers (working 40 hours work per week, 50 weeks a year).

Information on the type of industry for the numerator is based on employer responses and converted to Standard Industrial Classification (SIC) codes.

Objective 20-3 is similar to Healthy People 2000 objective 10.3, which monitored cumulative trauma disorders for all workers as well as for workers in the manufacturing and meat packing industries.

Objective 20-3 tracks this measure for all workers only.

For some objectives, data do not meet the criteria for statistical reliability, data quality, or confidentiality and have been suppressed. Information on suppression of data for the major Healthy People 2010 data systems has been published in a *Healthy People Statistical Note*.<sup>1</sup>

See Part C for a description of SOII and Appendix A for focus area contact information.

## References

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1. Klein, R.J.; Proctor, S.E.; Boudreault, M.A.; Turczyn, K.M. Healthy People 2010 Criteria for Data Suppression. *Statistical Notes* No. 24. Hyattsville, MD: National Center for Health Statistics. 2002.