Occupational safety and health country profiles

Geneva, 2006
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Introduction

The aim of this report is to provide in a concise form data on different countries showing their current status in occupational safety and health using selected indicators. It provides an idea of the global situation on occupational safety and health, how it can vary by country and what high standards can be achieved. It is intended to be a baseline reference to which a country can compare its progress. It is not designed for ranking purposes. Nor is it, of course, intended to single out individual countries for praise or blame, but to rather provide currently available information in order to establish targets for a country's national programmes. The ILO would be pleased to add, correct and modify this data if better information can be obtained from member States or other reliable sources. We aim over time to gradually expand the coverage of information by increasing the number of countries and indicators.

Each profile consists of data on the one hand concerning ratifications of ILO Conventions and Protocols related to occupational safety and health, as well as other legal and institutional indicators of how occupational safety and health is provided for. There is also data showing absenteeism rates, accidents and deaths related to work.

The data contained in this report is taken from the collection of information sent to the ILO by member States, and from the ILO estimates. Much of that information is taken from publicly available sources and can be consulted in detail on the ILO web-site (www.ilo.org/safework). In addition the report contains previously unpublished data.

Countries have been selected to provide balanced regional coverage. For each region the choice of countries was also determined according to how much data the ILO has in the sources used. Countries with more data were preferred over others for which there was less data.

This report should be read as step in the continuous process of obtaining more and better indicators of progress related to the provision of occupational safety and health. Other constituent parts of this process are the ILO's own global estimates on work-related accidents and disease, available at:


The Introductory Report to the XVIIth World Congress on Occupational Safety and Health, held in Orlando, Florida (USA) from 18-22 September 2005 sets these figures in context and provides information on the methodology used. The report can be viewed at


A valuable source of information is the data taken in the ILO's Survey of National Law and Practice in the Light of Standards-related Activities in the Area of Occupational Safety and Health, conducted in 2002. The responses to the survey are available at:


Finally, the WHO works on compiling information on the state of occupational safety and health in the world using the collective forces of its network of collaborating centres. It has dedicated a task force of centres to building occupational safety and health profiles. The results of their work can be seen at

http://www.ttl.fi/Internet/partner/If13/Occupational+health+and+safety+profiles/Country+Profiles
A visual illustration of what a National Profile could contain is given in the illustration below.

**National Profile, selected indicators**

- Ratification of ILO OSH-standards (100-0%)
- Labour inspectors, number (0-10/100,000)
- Coverage of Labour Inspection (0-100%)
- Coverage of Workers' Compensation (0-100%)
- Coverage of occupational health services (0-100%)
- National Policy, Strategy, Programme Action Plan, targets, deadlines (0-10)
- National Profile made (0-10)
- Asbestos restricted/banned, (0-10 eg. Based on consumption 5-0 kg/capita)
- National System on Chemical Safety, based on Conv. 170, GHS, CSDS, ICSC's (0-10)
- Management systems, implementation of ILO-OSH 2001 (0-10)
- Recording and notification system on acc/dis. (0-10)
- Knowledge management and information centre, ILO/CIS (0-10)
- List of Occupational Diseases and compensation criteria (0-10)
- Occupational accident index (based on acc. rate 100-0/1000)
- Fatal accidents index (based on fatality 100-0/100,000)
- Asbestos restricted/banned, (0-10 eg. Based on consumption 5-0 kg/capita)
- Awareness campaigns, such as April 28 (0-10)
- National System on Chemical Safety, based on Conv. 170, GHS, CSDS, ICSC's (0-10)

Taken together, these sources represent considerable progress in monitoring the state of occupational safety and health, which in turn permits better implementation and the establishment of national occupational safety and health programmes that have measurable targets and time limits. In the long term this can mean a reduction in the number of accidents and diseases attributable to work. With continued dedication to this aim, we can move closer to our shared goal of decent and safe work.
# Occupational safety and health country profiles

## Austria

| Economically active population (2001) | 3,940,300 |
| Ratifications of ILO Occupational Safety and Health Conventions and Protocols | C013:1924; C045:1937; C081:1949; C176:1999 |
| List of occupational diseases | Yes [CIS 79-1091] |
| ILO global estimates on fatal accidents (2001) | 137 |
| Fatal accidents reported to the ILO (2001) | 122 |
| Work-related mortality calculated using age structures (accidents and diseases) | 2,846 |
| Deaths caused by dangerous substances | 613 |
| Accidents causing 3 days' (+) absence (average) ILO estimate (2001) | 104,837 |
| Absenteeism (days per employee per year) | 12.4 (2001) |
| Average real retirement age | 59.6 (2001) |
| OSH information centres (CIS) | National centre |
| Awareness raising campaigns | Yes |

## Bahrain

| Economically active population (2001) | 308,341 |
| ILO global estimates on fatal accidents (2001) | 22 |
| Fatal accidents reported to the ILO (2001) | 10 |
| Work-related mortality calculated using age structures (accidents and diseases) | 223 |
| Deaths caused by dangerous substances | 48 |
| Accidents causing 3 days' (+) absence (average) ILO estimate (2001) | 16,458 |
| Accidents causing 3 days' (+) absence reported to the ILO (2001) | 1,682 |
| OSH information centres (CIS) | National centre |

## Bangladesh

| Economically active population (2001) | 60,291,000 |
| Coverage of legal provisions on OSH | < 10 % [Reply from ILO local office] |
| Workers' compensation systems - description | Compensation system exists [Reply from ILO local office] |
| Workers' compensation system coverage | ~10% [Reply from ILO local office] |
| List of occupational diseases | Yes [CIS 92-3] |
| ILO global estimates on fatal accidents (2001) | 11,768 |
| Work-related mortality calculated using age structures (accidents and diseases) | 36,356 |
Deaths caused by dangerous substances 7,794
Accidents causing 3 days’ (+) absence (average) ILO estimate 8,980,468
(2001)
OSH information centres (CIS) Collaborating centre
Awareness raising campaigns 28 April [Reply from ILO local office]

Belarus

Economically active population (2001) 4,519,500
Coverage of legal provisions on OSH 100% [Reply from ILO local office]
Workers’ compensation systems - description Compensation system exists [Reply from ILO local office]
List of occupational diseases Yes [Reply from ILO local office]
ILO global estimates on fatal accidents (2001) 494
Fatal accidents reported to the ILO (2001) 234
Work-related mortality calculated using age structures (accidents and diseases) 4,450
Deaths caused by dangerous substances 954
Accidents causing 3 days’ (+) absence (average) ILO estimate 377,167
Accidents causing 3 days’ (+) absence reported to the ILO (2001) 6,973
Absenteeism (days per employee per year) 7.6 (2001)
OSH information centres (CIS) National centre
Awareness raising campaigns 28 April [Reply from ILO local office]

Brazil

Economically active population (2001) 83,243,239
Workers’ compensation system coverage 40 % [Reply from ILO local office]
ILO global estimates on fatal accidents (2001) 14,895
Work-related mortality calculated using age structures (accidents and diseases) 57,409
Deaths caused by dangerous substances 12,282
Accidents causing 3 days’ (+) absence (average) ILO estimate 11,366,973
OSH information centres (CIS) National centre
Awareness raising campaigns 28 April

Bulgaria

Economically active population (2001) 3,412,800
List of occupational diseases Yes [CIS 01-1288]
ILO global estimates on fatal accidents (2001) 317
Fatal accidents reported to the ILO (2001) 138
Work-related mortality calculated using age structures (accidents and diseases) 2,781
Deaths caused by dangerous substances: 596
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001): 241,837
Accidents causing 3 days’ (+) absence reported to the ILO (2001): 5,778
OSH information centres (CIS): National centre
Awareness raising campaigns: Yes and 28 April

Cameroon

Economically active population (2001): 6,200,000
Ratifications of ILO Occupational Safety and Health Conventions and Protocols:
- C013:1960
- C045:1962
- C081:1962
- C162:1989
List of occupational diseases: Yes [CIS 92-871]
ILO global estimates on fatal accidents (2001): 1,164
Work-related mortality calculated using age structures (accidents and diseases): 5,665
Deaths caused by dangerous substances: 1,221
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001): 888,307

Canada

Economically active population (2001): 16,246,200
Ratifications of ILO Occupational Safety and Health Conventions and Protocols:
- C045:1966, denounced in 1978
- C162:1988
Coverage of legal provisions on OSH: All sectors
ILO global estimates on fatal accidents (2001): 1,035
Fatal accidents reported to the ILO (2001): 919
Work-related mortality calculated using age structures (accidents and diseases): 11,782
Deaths caused by dangerous substances: 2,538
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001): 789,711
Accidents causing 3 days’ (+) absence reported to the ILO (2001): 373,216
OSH information centres (CIS): National centre and 2 collaborating centres
Awareness raising campaigns: Yes [http://www.naosh.org/english/ (18.3.2004)] and 28 April

Chile

Economically active population (2001): 5,948,830
Ratifications of ILO Occupational Safety and Health Conventions and Protocols:
- C013:1925
- C045:1946, denounced in 1997
- C118:1994
- C127:1972
- C136:1994
- C161:1999
- C162:1994
- C170:1995
Coverage of legal provisions on OSH: 62% (2002) [Reply from ILO local office]
Workers’ compensation system coverage: 62% [Reply from ILO local office]
List of occupational diseases: Yes [Reply from ILO local office]
Fatal accidents reported to the ILO (2001): 302
Work-related mortality calculated using age structures (accidents and diseases): 4,117
Deaths caused by dangerous substances: 881
Accidents causing 3 days’ (+) absence reported to the ILO (2001): 195,888
OSH information centres (CIS): National centre and collaborating centre
China

Economically active population (2001) 737,060,000
ILO global estimates on fatal accidents (2001) 90,011
Fatal accidents reported to the ILO (2001) 12,554
Accidents causing 3 days' (+) absence (average) ILO estimate (2001) 68,692,311
Accidents causing 3 days' (+) absence reported to the ILO (2001) 4,141
OSH information centres (CIS) National centre and 2 collaborating centres
Awareness raising campaigns Yes [Reply from ILO local office] and 28 April

Colombia

Economically active population (2001) 19,516,166
Coverage of legal provisions on OSH 25% [Reply from ILO local office]
Workers' compensation system coverage 31% [Reply from ILO local office]
List of occupational diseases [CIS 98-376]
ILO global estimates on fatal accidents (2001) 3,400
Work-related mortality calculated using age structures (accidents and diseases) 12,696
Deaths caused by dangerous substances 2,716
Accidents causing 3 days' (+) absence (average) ILO estimate (2001) 2,595,107
Accidents causing 3 days' (+) absence reported to the ILO (2001) 4,141
OSH information centres (CIS) National centre
Awareness raising campaigns Yes [Reply from ILO local office]

Costa Rica

Economically active population (2001) 1,653,321
Workers' compensation system coverage 55% [Reply from ILO local office]
List of occupational diseases [CIS 85-1781]
ILO global estimates on fatal accidents (2001) 299
Fatal accidents reported to the ILO (2001) 74
Work-related mortality calculated using age structures (accidents and diseases) 1,174
Deaths caused by dangerous substances 251
Accidents causing 3 days' (+) absence (average) ILO estimate (2001) 228,204
Accidents causing 3 days' (+) absence reported to the ILO (2001) 110,101
OSH information centres (CIS) National centre and collaborating centre
Awareness raising campaigns 28 April
Côte d'Ivoire

Economically active population (2001) 1,850,000
List of occupational diseases Yes [CIS 02-663]
ILO global estimates on fatal accidents (2001) 342
Work-related mortality calculated using age structures (accidents and diseases) 1,685
Deaths caused by dangerous substances 363
Accidents causing 3 days' (+) absence (average) ILO estimate (2001) 260,866

Czech Republic

Economically active population (2001) 5,172,000
Workers' compensation system coverage 100% (2001) [Work and health country profiles of twenty-two European countries, People and work, Research Reports 52. Finnish Institute of Occupational Health, Helsinki, 2002.]
Fatal accidents reported to the ILO (2001) 231
Work-related mortality calculated using age structures (accidents and diseases) 4,759
Deaths caused by dangerous substances 1,020
Accidents causing 3 days' (+) absence reported to the ILO (2001) 93,049
Absenteeism (days per employee per year) 24.6 (2001)
OSH information centres (CIS) National centre
Awareness raising campaigns 28 April

Denmark

Economically active population (2001) 2,862,015
Workers' compensation system coverage 100% (2001) [Work and health country profiles of twenty-two European countries, People and work, Research Reports 52. Finnish Institute of Occupational Health, Helsinki, 2002.]
ILO global estimates on fatal accidents (2001) 56
Fatal accidents reported to the ILO (2001) 50
Work-related mortality calculated using age structures (accidents and diseases) 1,999
Deaths caused by dangerous substances 430
Accidents causing 3 days' (+) absence (average) ILO estimate (2001) 42,966
Accidents causing 3 days' (+) absence reported to the ILO (2001) 43,644
Absenteeism (days per employee per year) 7.1 (1995)
Average real retirement age 61.9 (2001)
OSH information centres (CIS) National centre
Awareness raising campaigns Yes
Egypt

Economically active population (2001) 19,253,000
Workers' compensation systems - description Compensation system exists [Reply from ILO local office]
Workers' compensation system coverage 9.11 [Reply from ILO local office] (22.6.2004)]
List of occupational diseases Yes [Reply from ILO local office]
ILO global estimates on fatal accidents (2001) 2,942
Fatal accidents reported to the ILO (2001) 130
Work-related mortality calculated using age structures (accidents and diseases) 25,362
Deaths caused by dangerous substances 5,452
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 2,245,058
Accidents causing 3 days’ (+) absence reported to the ILO (2001) 32,649
OSH information centres (CIS) National centre

Ethiopia

Economically active population (2001) 28,300,000
Workers' compensation systems - description No workers' compensation [Reply from ILO local office]
List of occupational diseases No [Reply from ILO local office]
ILO global estimates on fatal accidents (2001) 5,318
Work-related mortality calculated using age structures (accidents and diseases) 25,862
Deaths caused by dangerous substances 5,575
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 4,058,577
OSH information centres (CIS) National centre
Awareness raising campaigns 28 April [Reply from ILO local office]

Finland

Economically active population (2001) 2,626,000
List of occupational diseases Yes http://www.balticseaosh.net/finland/ordinance.shtml (9.3.2004)]
ILO global estimates on fatal accidents (2001) 64
Fatal accidents reported to the ILO (2001) 43
Work-related mortality calculated using age structures (accidents and diseases) 1,766
Deaths caused by dangerous substances 380
Accidents causing 3 days' (+) absence (average) ILO estimate 48,842 (2001)
Accidents causing 3 days' (+) absence reported to the ILO (2001) 58,276
Absenteeism (days per employee per year) 8.5 (2000)
Average real retirement age 61.6 (2001)
OSH information centres (CIS) National centre and collaborating centre
Awareness raising campaigns Yes

France

Economically active population (2001) 26,384,671
List of occupational diseases Yes [CIS 74-2091]
ILO global estimates on fatal accidents (2001) 730
Fatal accidents reported to the ILO (2001) 730
Work-related mortality calculated using age structures (accidents and diseases) 17,918
Deaths caused by dangerous substances 3,859
Accidents causing 3 days' (+) absence (average) ILO estimate 557,105 (2001)
Accidents causing 3 days' (+) absence reported to the ILO (2001) 743,435
Absenteeism (days per employee per year) 15.7 (1988)
Average real retirement age 58.1 (2001)
OSH information centres (CIS) National centre
Awareness raising campaigns Yes

Gabon

Economically active population (2001) 600,000
Workers' compensation system - description Compensation system exists [Reply from ILO local office]
Workers' compensation system coverage 36% / 27% [Reply from ILO local office]
List of occupational diseases Yes [Reply from ILO local office]
ILO global estimates on fatal accidents (2001) 111
Fatal accidents reported to the ILO (2001) 20
Work-related mortality calculated using age structures (accidents and diseases) 547
Deaths caused by dangerous substances 118
Accidents causing 3 days' (+) absence (average) ILO estimate 85,072 (2001)
Accidents causing 3 days' (+) absence reported to the ILO (2001) 1,112
OSH information centres (CIS) National centre
Awareness raising campaigns 28 April [Reply from ILO local office]

Gambia

Economically active population (2001) 700,000
ILO global estimates on fatal accidents (2001) 132
Work-related mortality calculated using age structures (accidents and diseases) 641
Deaths caused by dangerous substances: 138
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001): 101,030

Georgia

Economically active population (2001): 2,113,000
Coverage of legal provisions on OSH: 32% [Reply from ILO local office]

List of occupational diseases: Yes [Reply from ILO local office]
ILO global estimates on fatal accidents (2001): 199

Work-related mortality calculated using age structures (accidents and diseases): 1,880
Deaths caused by dangerous substances: 403
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001): 151,601
OSH information centres (CIS): National centre
Awareness raising campaigns: 28 April [Reply from ILO local office]

Germany

Economically active population (2001): 39,966,000
Ratifications of ILO Occupational Safety and Health Conventions and Protocols:

List of occupational diseases: Yes [CIS 83-1999]
ILO global estimates on fatal accidents (2001): 1,107
Fatal accidents reported to the ILO (2001): 1,107

Work-related mortality calculated using age structures (accidents and diseases): 27,350
Deaths caused by dangerous substances: 5,891
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001): 844,816

Accidents causing 3 days’ (+) absence reported to the ILO (2001): 1,394,485
Absenteeism (days per employee per year): 14.9 (2000)
Average real retirement age: 60.7 (2001)
OSH information centres (CIS): National centre and collaborating centre
Awareness raising campaigns: Yes

Hungary

Economically active population (2001): 4,010,700
Ratifications of ILO Occupational Safety and Health Conventions and Protocols:

List of occupational diseases: Yes [CIS 94-531]
Fatal accidents reported to the ILO (2001): 124

Work-related mortality calculated using age structures (accidents and diseases): 3,845
Deaths caused by dangerous substances 825
Accidents causing 3 days’ (+) absence reported to the ILO (2001) 25,412
Absenteeism (days per employee per year) 12.2 (2001)
OSH information centres (CIS) National centre and collaborating centre
Awareness raising campaigns Yes and 28 April

India

Economically active population (2001) 443,860,000
Ratifications of ILO Occupational Safety and Health Conventions and Protocols
Coverage of legal provisions on OSH ~ 10 % [Reply from ILO local office]
Workers’ compensation systems - description Compensation system exists [Reply from ILO local office]
Workers’ compensation system coverage ~10% [Reply from ILO local office]
List of occupational diseases Yes [http://esic.nic.in/odc/odc-list.htm (9.3.2004)]
ILO global estimates on fatal accidents (2001) 40,133
Fatal accidents reported to the ILO (2001) 222
Work-related mortality calculated using age structures (accidents and diseases) 302,024
Deaths caused by dangerous substances 64,694
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 30,627,865
Accidents causing 3 days’ (+) absence reported to the ILO (2001) 928
OSH information centres (CIS) National centre and collaborating centre
Awareness raising campaigns Yes and 28 April [Reply from ILO local office]

Indonesia

Economically active population (2001) 95,793,161
Ratifications of ILO Occupational Safety and Health Conventions and Protocols
C045:1950; C120:1969
List of occupational diseases Yes [CIS 91-1057]
ILO global estimates on fatal accidents (2001) 16,931
Work-related mortality calculated using age structures (accidents and diseases) 60,065
Deaths caused by dangerous substances 12,877
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 12,921,000
OSH information centres (CIS) National centre and collaborating centre

Iran, Islamic Republic of

Economically active population (2001) 21,000,000
Coverage of legal provisions on OSH ~ 25 % [Reply from ILO local office]
Workers’ compensation systems - description Compensation system exists [Reply from ILO local office]
List of occupational diseases Yes [Reply from ILO local office]
ILO global estimates on fatal accidents (2001) 3,609
Work-related mortality calculated using age structures (accidents and diseases) 18,770
Deaths caused by dangerous substances 4,035
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 2,754,122
OSH information centres (CIS) National centre
Awareness raising campaigns: None [Reply from ILO local office]

Israel

Economically active population (2001): 2,503,300
List of occupational diseases: Yes [CIS 90-1]
Fatal accidents reported to the ILO (2001): 100
Work-related mortality calculated using age structures (accidents and diseases): 3,410
Deaths caused by dangerous substances: 733
Accidents causing 3 days’ (+) absence reported to the ILO (2001): 69,087
Absenteeism (days per employee per year): 4.1 (2000)
OSH information centres (CIS): National centre

Italy

Economically active population (2001): 23,901,000
List of occupational diseases: Yes [CIS 01-943]
ILO global estimates on fatal accidents (2001): 1,397
Fatal accidents reported to the ILO (2001): 1,241
Work-related mortality calculated using age structures (accidents and diseases): 16,818
Deaths caused by dangerous substances: 3,622
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001): 1,066,411
Accidents causing 3 days’ (+) absence reported to the ILO (2001): 615,405
Average real retirement age: 59.4 (2001)
OSH information centres (CIS): National centre and 2 collaborating centres
Awareness raising campaigns: Yes

Jordan

Economically active population (2001): 1,360,000
Ratifications of ILO Occupational Safety and Health Conventions and Protocols: C081:1969; C119:1964; C120:1965
Coverage of legal provisions on OSH: * 27.3% [Reply from ILO local office]
List of occupational diseases: Yes [CIS 89-1051]
ILO global estimates on fatal accidents (2001): 164
Work-related mortality calculated using age structures (accidents and diseases): 1,446
Deaths caused by dangerous substances: 246
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001): 125,243
OSH information centres (CIS): National centre
Kenya

**Economically active population (2001)** 15,900,000

**Ratifications of ILO Occupational Safety and Health Conventions and Protocols**
- C045:1964; C081:1964; C129:1979

**Coverage of legal provisions on OSH**

**Workers’ compensation systems - description**
- List of occupational diseases: Yes [CIS 91-1402]
- Compensation system exists [Reply from ILO local office]

**ILO global estimates on fatal accidents (2001)** 2,997

**Work-related mortality calculated using age structures (accidents and diseases)** 14,540

**Deaths caused by dangerous substances** 3,134

**Accidents causing 3 days’ (+) absence (average) ILO estimate (2001)** 2,287,177

**OSH information centres (CIS)**
- National centre

**Awareness raising campaigns**
- 28 April [Reply from ILO local office]

Kyrgyzstan

**Ratifications of ILO Occupational Safety and Health Conventions and Protocols**

**Coverage of legal provisions on OSH**
100% [Reply from ILO local office]

**Workers’ compensation system coverage**
100% [Reply from ILO local office]

**List of occupational diseases**
- Yes [Reply from ILO local office]

**ILO global estimates on fatal accidents (2001)** 186

**Work-related mortality calculated using age structures (accidents and diseases)** 1,766

**Deaths caused by dangerous substances** 79

**Accidents causing 3 days’ (+) absence (average) ILO estimate (2001)** 142,184

**Awareness raising campaigns**
- 28 April [Reply from ILO local office]

Luxembourg

**Economically active population (2001)** 189,218

**Ratifications of ILO Occupational Safety and Health Conventions and Protocols**

**Workers’ compensation system coverage**

**List of occupational diseases**
- Yes [CIS 88-1412]

**ILO global estimates on fatal accidents (2001)** 16

**Fatal accidents reported to the ILO (2001)** 16

**Work-related mortality calculated using age structures (accidents and diseases)** 213

**Deaths caused by dangerous substances** 46

**Accidents causing 3 days’ (+) absence (average) ILO estimate (2001)** 12,211

**Accidents causing 3 days’ (+) absence reported to the ILO (2001)** 21,605

**Absenteeism (days per employee per year)** 9.8 (2000)

**Average real retirement age** 56.8 (2001)

**OSH information centres (CIS)**
- National centre

**Awareness raising campaigns**
- Yes
### Malawi

<table>
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<tr>
<th>Metric</th>
<th>Value</th>
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<tbody>
<tr>
<td>Economically active population (2001)</td>
<td>5,100,000</td>
</tr>
<tr>
<td>Ratifications of ILO Occupational Safety and Health Conventions and Protocols</td>
<td>C045:1965; C081:1965; C129:1971</td>
</tr>
<tr>
<td>List of occupational diseases</td>
<td>Yes [CIS 89-1852]</td>
</tr>
<tr>
<td>ILO global estimates on fatal accidents (2001)</td>
<td>970</td>
</tr>
<tr>
<td>Work-related mortality calculated using age structures (accidents and diseases)</td>
<td>4,672</td>
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<tr>
<td>Deaths caused by dangerous substances</td>
<td>1,007</td>
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<tr>
<td>Accidents causing 3 days’ (+) absence (average) ILO estimate (2001)</td>
<td>740,045</td>
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<td>OSH information centres (CIS)</td>
<td>National centre</td>
</tr>
</tbody>
</table>

### Malaysia

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economically active population (2001)</td>
<td>9,616,100</td>
</tr>
<tr>
<td>List of occupational diseases</td>
<td>Yes [CIS 91-354]</td>
</tr>
<tr>
<td>ILO global estimates on fatal accidents (2001)</td>
<td>1,207</td>
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<tr>
<td>Fatal accidents reported to the ILO (2001)</td>
<td>958</td>
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<tr>
<td>Work-related mortality calculated using age structures (accidents and diseases)</td>
<td>5,736</td>
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<tr>
<td>Deaths caused by dangerous substances</td>
<td>1,230</td>
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<tr>
<td>Accidents causing 3 days’ (+) absence (average) ILO estimate (2001)</td>
<td>920,940</td>
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<td>Accidents causing 3 days’ (+) absence reported to the ILO (2001)</td>
<td>84,911</td>
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<td>OSH information centres (CIS)</td>
<td>National centre and collaborating centre</td>
</tr>
</tbody>
</table>

### Nepal

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Economically active population (2001)</td>
<td>11,000,000</td>
</tr>
<tr>
<td>Coverage of legal provisions on OSH</td>
<td>~10% [Reply from ILO local office]</td>
</tr>
<tr>
<td>Workers’ compensation systems - description</td>
<td>Compensation system exists [Reply from ILO local office]</td>
</tr>
<tr>
<td>Workers’ compensation system coverage</td>
<td>~10%, [Reply from ILO local office]</td>
</tr>
<tr>
<td>List of occupational diseases</td>
<td>Yes [Reply from ILO local office]</td>
</tr>
<tr>
<td>ILO global estimates on fatal accidents (2001)</td>
<td>2,934</td>
</tr>
<tr>
<td>Work-related mortality calculated using age structures (accidents and diseases)</td>
<td>7,267</td>
</tr>
<tr>
<td>Deaths caused by dangerous substances</td>
<td>1,558</td>
</tr>
<tr>
<td>Accidents causing 3 days’ (+) absence (average) ILO estimate (2001)</td>
<td>2,238,960</td>
</tr>
<tr>
<td>OSH information centres (CIS)</td>
<td>National centre and collaborating centre</td>
</tr>
<tr>
<td>Awareness raising campaigns</td>
<td>Yes and 28 April [Reply from ILO local office]</td>
</tr>
</tbody>
</table>
**Norway**

- **Economically active population (2001)**: 2,361,000

- **ILO global estimates on fatal accidents (2001)**: 42
- **Fatal accidents reported to the ILO (2001)**: 37
- **Work-related mortality calculated using age structures (accidents and diseases)**: 1,665
- **Deaths caused by dangerous substances**: 359
- **Accidents causing 3 days’ (+) absence (average) ILO estimate (2001)**: 31,795
- **Accidents causing 3 days’ (+) absence reported to the ILO (2001)**: 28,683
- **Absenteeism (days per employee per year)**: 14.0
- **OSH information centres (CIS)**: National centre
- **Awareness raising campaigns**: Yes

**Pakistan**

- **Economically active population (2001)**: 39,974,000
- **Ratifications of ILO Occupational Safety and Health Conventions and Protocols**: C045:1938; C081:1953
- **Coverage of legal provisions on OSH**: ~ 10% [Reply from ILO local office]
- **Workers' compensation systems - description**: Compensation system exists [Reply from ILO local office]
- **Workers' compensation system coverage**: 2.3% [The development trends of occupational health services in Pakistan]
- **List of occupational diseases**: Yes [CIS 93-20]
- **ILO global estimates on fatal accidents (2001)**: 6,800
- **Fatal accidents reported to the ILO (2001)**: 104
- **Work-related mortality calculated using age structures (accidents and diseases)**: 24,302
- **Deaths caused by dangerous substances**: 5,210
- **Accidents causing 3 days’ (+) absence (average) ILO estimate (2001)**: 5,189,279
- **Accidents causing 3 days’ (+) absence reported to the ILO (2001)**: 50
- **OSH information centres (CIS)**: National centre and collaborating centre
- **Awareness raising campaigns**: 28 April [Reply from ILO local office]

**Panama**

- **Economically active population (2001)**: 1,089,422
- **Workers' compensation system coverage**: 66% [Reply from ILO local office]
- **ILO global estimates on fatal accidents (2001)**: 188
- **Fatal accidents reported to the ILO (2001)**: 51
- **Work-related mortality calculated using age structures (accidents and diseases)**: 743
- **Deaths caused by dangerous substances**: 159
- **Accidents causing 3 days’ (+) absence (average) ILO estimate (2001)**: 143,634
Accidents causing 3 days’ (+) absence reported to the ILO (2001) 13,816
OSH information centres (CIS) National centre
Awareness raising campaigns 28 April

Peru
Economically active population (2001) 8,271,366
List of occupational diseases Yes [CIS 74-1192]
ILO global estimates on fatal accidents (2001) 1,565
Work-related mortality calculated using age structures (accidents and diseases) 5,858
Deaths caused by dangerous substances 1,253
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 1,194,207
OSH information centres (CIS) National centre
Awareness raising campaigns 28 April

Russian Federation
Economically active population (2001) 69,731,000
List of occupational diseases Yes [CIS 78-1089]
ILO global estimates on fatal accidents (2001) 6,276
Fatal accidents reported to the ILO (2001) 4,370
Work-related mortality calculated using age structures (accidents and diseases) 64,217
Deaths caused by dangerous substances 13,770
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 4,789,749
Absenteeism (days per employee per year) 9.6 (2001)
OSH information centres (CIS) National centre and 3 collaborating centres

South Africa
Workers' compensation systems - description Compensation system exists [The national occupational health and safety policy (South Africa), second draft]
List of occupational diseases Yes [CIS 94-1452]
ILO global estimates on fatal accidents (2001) 1,908
Work-related mortality calculated using age structures (accidents and diseases) 10,137
Deaths caused by dangerous substances 2,117
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 1,455,861
OSH information centres (CIS) National centre and collaborating centre
Sri Lanka

**Economically active population (2001)** 6,708,620

**Ratifications of ILO Occupational Safety and Health Conventions and Protocols**

- C045:1950; C081:1956; C115:1986

**Coverage of legal provisions on OSH** 10-20 % [Reply from ILO local office]

**Workers’ compensation systems - description** Compensation system exists [Reply from ILO local office]

**Workers’ compensation system coverage** ~10% [Reply from ILO local office]

**ILO global estimates on fatal accidents (2001)** 1,057

**Fatal accidents reported to the ILO (2001)** 27

**Work-related mortality calculated using age structures (accidents and diseases)** 4,008

**Deaths caused by dangerous substances** 859

**Accidents causing 3 days’ (+) absence (average) ILO estimate (2001)** 806,356

**Accidents causing 3 days’ (+) absence reported to the ILO (2001)** 2,157

**OSH information centres (CIS)** National centre and collaborating centre

**Awareness raising campaigns** Yes and 28 April [Reply from ILO local office]

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Sweden

**Economically active population (2001)** 4,415,000

**Ratifications of ILO Occupational Safety and Health Conventions and Protocols**


**Coverage of legal provisions on OSH** All sectors [Country Profiles - OSH Standards (CD) / http://www.ilo.org/ilolex/english/cprofiles/pdf/swedencpe.pdf (31.3.2004)]

**Workers’ compensation system coverage** 100% [Work and health country profiles of twenty-two European countries, People and work, Research Reports 52. Finnish Institute of Occupational Health. Helsinki, 2002.]

**ILO global estimates on fatal accidents (2001)** 63

**Fatal accidents reported to the ILO (2001)** 56

**Work-related mortality calculated using age structures (accidents and diseases)** 3,085

**Deaths caused by dangerous substances** 664

**Accidents causing 3 days’ (+) absence (average) ILO estimate (2001)** 48,122

**Accidents causing 3 days’ (+) absence reported to the ILO (2001)** 37,405

**Absenteeism (days per employee per year)** 28.0 (2001)

**OSH information centres (CIS)** National centre

**Awareness raising campaigns** Yes and 28 April

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Switzerland

**Economically active population (2001)** 4,038,734

**Ratifications of ILO Occupational Safety and Health Conventions and Protocols**


**List of occupational diseases** Yes [C1S 74-1188]

**ILO global estimates on fatal accidents (2001)** 81

**Fatal accidents reported to the ILO (2001)** 72

**Work-related mortality calculated using age structures (accidents and diseases)** 3,044
Syrian Arab Republic

Economically active population (2001) 5,457,375

Ratifications of ILO Occupational Safety and Health Conventions and Protocols

Coverage of legal provisions on OSH

ILO global estimates on fatal accidents (2001) 889

Work-related mortality calculated using age structures (accidents and diseases) 7,075

Deaths caused by dangerous substances 1,521

Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 678,724

OSH information centres (CIS) National centre and regional

Thailand

Economically active population (2001) 34,487,900

Ratifications of ILO Occupational Safety and Health Conventions and Protocols
C127:1969

Coverage of legal provisions on OSH ~20 % (2004) [Reply from ILO local office]

Workers’ compensation systems - description Compensation system exists [Reply from ILO local office]

Workers’ compensation system coverage 15.7% (2003) [Reply from ILO local office]

List of occupational diseases Yes [CIS 87-12]

ILO global estimates on fatal accidents (2001) 6,953

Fatal accidents reported to the ILO (2001) 597

Work-related mortality calculated using age structures (accidents and diseases) 22,858

Deaths caused by dangerous substances 4,900

Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 5,305,945

Accidents causing 3 days’ (+) absence reported to the ILO (2001) 50,093

OSH information centres (CIS) National centre and collaborating centre

Awareness raising campaigns Yes [Reply from ILO local office (18.3.2004)]

Uganda

Economically active population (2001) 11,200,000

Ratifications of ILO Occupational Safety and Health Conventions and Protocols
C045:1963; C081:1963; C162:1990


Workers’ compensation systems - description Compensation system exists [Reply from ILO local office]

List of occupational diseases Yes [Reply from ILO local office]

ILO global estimates on fatal accidents (2001) 2,135

Work-related mortality calculated using age structures (accidents and diseases) 10,266

Deaths caused by dangerous substances 2,213
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 1,629,299
OSH information centres (CIS) National centre
Awareness raising campaigns 28 April [Reply from ILO local office]

United Kingdom

Economically active population (2001) 29,638,272

List of occupational diseases
ILO global estimates on fatal accidents (2001) 236
Fatal accidents reported to the ILO (2001) 210
Work-related mortality calculated using age structures (accidents and diseases) 20,356
Deaths caused by dangerous substances 4,384
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 180,456
Accidents causing 3 days’ (+) absence reported to the ILO (2001) 161,466
Absenteeism (days per employee per year) 7.8 (1999)
OSH information centres (CIS) National centre
Awareness raising campaigns Yes and 28 April

United States

Economically active population (2001) 141,815,000
ILO global estimates on fatal accidents (2001) 6,643
Fatal accidents reported to the ILO (2001) 5,900
Work-related mortality calculated using age structures (accidents and diseases) 102,926
Deaths caused by dangerous substances 22,168
Accidents causing 3 days’ (+) absence (average) ILO estimate (2001) 102,926
Accidents causing 3 days’ (+) absence reported to the ILO (2001) 2,409,400
OSH information centres (CIS) National centre and collaborating centre
Awareness raising campaigns Yes and 28 April

Uzbekistan

Economically active population (2001) 10,700,000
Coverage of legal provisions on OSH 100 % [Reply from ILO local office]
Workers’ compensation systems - description Compensation system exists [Reply from ILO local office]
Workers’ compensation system coverage 100% [Reply from ILO local office]
List of occupational diseases Yes [Reply from ILO local office]
ILO global estimates on fatal accidents (2001) 957
Work-related mortality calculated using age structures (accidents and diseases) 8,912
and diseases)
Deaths caused by dangerous substances 1,911
Accidents causing 3 days' (+) absence (average) ILO estimate (2001) 730,141
Average real retirement age men - 60 years, women - 54 years [Reply from ILO local office]
Awareness raising campaigns 28 April [Reply from ILO local office]

Venezuela

Economically active population (2001) 11,104,779
Coverage of legal provisions on OSH 50 % [Reply from ILO local office]
Workers’ compensation system coverage 12% [Reply from ILO local office]
List of occupational diseases No [Reply from ILO local office]
ILO global estimates on fatal accidents (2001) 1,735
Fatal accidents reported to the ILO (2001) 45
Work-related mortality calculated using age structures (accidents and diseases) 7,033
Deaths caused by dangerous substances 1,505
Accidents causing 3 days' (+) absence (average) ILO estimate (2001) 1,323,905
Accidents causing 3 days' (+) absence reported to the ILO (2001) 3,163
OSH information centres (CIS) National centre and collaborating centre
Awareness raising campaigns 28 April