International Labour Organization

Occupational safety and health country profiles

Geneva, 2006

International Labour Office Geneva

Copyright © International Labour Organization 2006

Publications of the International Labour Office enjoy copyright under Protocol 2 of the Universal Copyright Convention. Nevertheless, short excerpts from them may be reproduced without authorization, on condition that the source is indicated. For rights of reproduction or translation, application should be made to the Publications Bureau (Rights and Permissions), International Labour Office, CH-1211 Geneva 22, Switzerland. The International Labour Office welcomes such applications.

Libraries, institutions and other users registered in the United Kingdom with the Copyright Licensing Agency, 90 Tottenham Court Road, London W1T 4LP [Fax: (+44) (0)20 7631 5500; email: cla@cla.co.uk], in the United States with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923 [Fax: (+1) (978) 750 4470; email: info@copyright.com] or in other countries with associated Reproduction Rights Organizations, may make photocopies in accordance with the licences issued to them for this purpose.

ISBN 92-2-118617-2 & 978-92-2-118617-5 (print) ISBN 92-2-118618-0 & 978-92-2-118618-2 (web pdf)

First published 2006

ILO publications can be obtained through major booksellers or ILO local offices in many countries, or direct from ILO Publications, International Labour Office, CH-1211 Geneva 22, Switzerland. Catalogues or lists of new publications are available free of charge from the above address, or by email: pubvente@ilo.org Visit our website: www.ilo.org/publns

Printed by the International Labour Office, Geneva, Switzerland

The designations employed in ILO publications, which are in conformity with United Nations practice, and the presentation of material therein do not imply the expression of any opinion whatsoever on the part of the International Labour Office concerning the legal status of any country, area or territory or of its authorities, or concerning the delimitation of its frontiers.

The responsibility for opinions expressed in signed articles, studies and other contributions rests solely with their authors, and publication does not constitute an endorsement by the International Labour Office of the opinions expressed in them.

Reference to names of firms and commercial products and processes does not imply their endorsement by the International Labour Office, and any failure to mention a particular firm, commercial product or process is not a sign of disapproval.

Contents

Introduction1	
Occupational safety and health country profiles	

Page

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:

http://www.ilo.org/public/english/protection/safework/accidis/globest_2005/index.htm

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

http://www.ilo.org/public/english/protection/safework/wdcongrs17/intrep.pdf

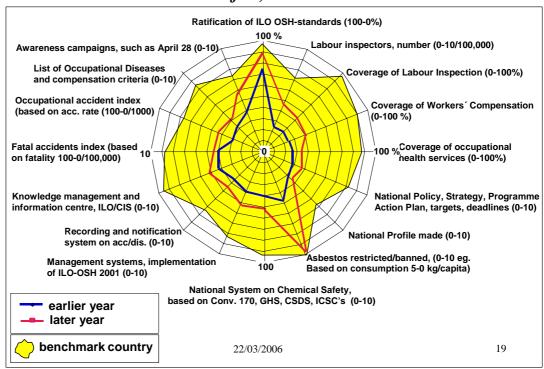
A valuable source of information is the data taken in the ILO's Survey of National Law and Practice in the Light of Standards-related Activities in the Area of Occupational Safety and Health, conducted in 2002. The responses to the survey are available at:

http://www.ilo.org/public/english/protection/safework/integrap/survindex.htm

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/tf13/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

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

3,940,300
C013:1924; C045:1937; C081:1949; C176:1999
All sectors [Country Profiles - OSH Standards (CD) / http://www.ilo.org/ilolex/english/cprofiles/pdf/austriacpe.pdf (31.3.2004)]
Yes [<u>CIS 79-1091]</u>
137
122
2,846
613
104,837
12.4 (2001)
59.6 (2001)
National centre
Yes

Bahrain

Economically active population (2001)	308,341
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C081:1981
Coverage of legal provisions on OSH	Not all sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/bahraincpe.pdf</u> (31.3.2004)]
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C045:1972; C081:1972
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 [<u>CIS 92-3]</u>
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C045:1961; C081:1995; C115:1968; C119:1970; C120:1968; C155:2000; C167:2001
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 (2001)	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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C045:1938; C081:1989; C115:1966; C119:1992; C120:1969; C127:1970; C136:1993; C139:1990; C148:1982; C155:1992; C161:1990; C162:1990; C170:1996; C174:2001
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)	
Deaths caused by dangerous substances	12,282
Accidents causing 3 days' (+) absence (average) ILO estimate (2001)	11,366,973
OSH information centres (CIS)	National centre
Awareness raising campaigns	28 April

Bulgaria

Economically active population (2001)	3,412,800
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C013:1925; C045:1949; C081:1949; C120:1965; C127:1978
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/bulgariacpe.pdf</u> (31.3.2004)]
Workers' compensation system coverage	62% (1999) [Work and health country profiles of twenty-two European countries, People and work, Research Reports 52. Finnish Institute of Occupational Health. Helsinki, 2002.]
List of occupational diseases	Yes [<u>CIS 01-1288]</u>
ILO global estimates on fatal accidents (2001)	317
Fatal accidents reported to the ILO (2001)	138
Work-related mortality calculated using age structures (accidents	2,781

and diseases)

 Deaths caused by dangerous substances
 596

 Accidents causing 3 days' (+) absence (average) ILO estimate (2001)
 241,837 (2001)

 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 [<u>CIS 92-871]</u>
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 [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/canadacpe.pdf</u> (31.3.2004)]
List of occupational diseases	Yes [http://www.wsib.on.ca/wsib/wsibsite.nsf/public/HealthDiseasesAdju dicated (9.3.2004)]
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; C115:1994; 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

Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C045:1936; C167:2002
Coverage of legal provisions on OSH	100 % [Country Profiles - OSH Standards (CD) / http://www.ilo.org/ilolex/english/cprofiles/pdf/chinacpe.pdf (31.3.2004)]
List of occupational diseases	Yes [http://www.ttl.fi/Internet/English/Information/Electronic+journals/Asi an-Pacific+Newsletter/1998-02/04.htm (8.3.2004)] [http://hk- doctor.com/tool/html/NotifOccup.htm (9.3.2004)] [CIS 88-178]
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C013:1933; C081:1967; C129:1976; C136:1976; C161:2001; C162:2001; C167:1994; C170:1994; C174:1997
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	Yes [<u>CIS 98-376</u>]
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
OSH information centres (CIS)	National centre
Awareness raising campaigns	Yes [Reply from ILO local office]

Costa Rica

Economically active population (2001)	1,653,321
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	
Workers' compensation system coverage	55% [Reply from ILO local office]
List of occupational diseases	Yes [<u>CIS 85-1781]</u>
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C013:1960; C045:1961; C081:1987; C129:1987; C136:1973
List of occupational diseases	Yes [<u>CIS 02-663]</u>
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C013:1993; C045:1993; C115:1993; C120:1993; C136:1993; C139:1993; C148:1993; C155:1993; C161:1993; C167:1993; C176:2000
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.]
List of occupational diseases	Yes [http://www.szu.cz/chpnp/pages_en/NZP_en.htm (9.3.2004)]
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C081:1958; C115:1974; C119:1989; C120:1970; C129:1972; C139:1978; C148:1988; C155:1995; C167:1995
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/denmarkcpe.pdf</u> (31.3.2004)]
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

19,253,000
C045:1947; C081:1956; C115:1964; C129:2003; C139:1982; C148:1988
All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/egyptcpe.pdf</u> (31.3.2004)]
Compensation system exists [Reply from ILO local office]
9.11 [Reply from ILO local office] [laborsta.ilo.org (22.6.2004)]
Yes [Reply from ILO local office]
2,942
130
25,362
5,452
2,245,058
32,649
National centre

Ethiopia

Economically active population (2001)	28,300,000
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C155:1991
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / http://www.ilo.org/ilolex/english/cprofiles/pdf/ethiopacpe.pdf (31.3.2004)]
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C013:1929; C045:1938, denounced in 1997; C081:1950; C115:1978; C119:1969; C120:1968; C129:1974; C136:1976; C139:1977; C148:1979; C155:1985; C161:1987; C162:1988; C167:1997; C176:1997; C184:2003; P081:1997; P155:2003
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/finlandcpe.pdf</u> (31.3.2004)]
Workers' compensation system coverage	91% (1998) [Work and health country profiles of twenty-two European countries, People and work, Research Reports 52. Finnish Institute of Occupational Health. Helsinki, 2002.]
List of occupational diseases	Yes [<u>http://www.balticseaosh.net/finland/ordinance.shtml</u> (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

s causing 3 days (+) absence reported to the ILO (2001) 56,210

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
Ratifications of ILO Occupational Safety and Health Conventions	, ,
Workers' compensation system coverage	100% (2002) [Work and health country profiles of twenty-two European countries, People and work, Research Reports 52. Finnish Institute of Occupational Health. Helsinki, 2002.]
List of occupational diseases	Yes <u>[CIS 74-2091]</u>
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 (2001)	557,105
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C013:1960; C045:1961; C081:1972
Workers' compensation systems - 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 (2001)	85,072
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 641 and diseases)

Deaths caused by dangerous substances 138

Accidents causing 3 days' (+) absence (average) ILO estimate 101,030 (2001)

Georgia

Economically active population (2001)	2,113,000
Coverage of legal provisions on OSH	32 % [Reply from ILO local office]
Workers' compensation system coverage	100% (2002) [legally covered] [Work and health country profiles of twenty-two European countries, People and work, Research Reports 52. Finnish Institute of Occupational Health. Helsinki, 2002.], 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	C045:1954; C081:1955; C115:1973; C120:1973; C129:1973; C136:1973; C139:1976; C148:1993; C161:1994; C162:1993; C167:1993; C176:1998
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/germanycpe.pdf</u> (31.3.2004)]
List of occupational diseases	Yes [<u>CIS 83-1399]</u>
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	C013:1956; C045:1938; C081:1994; C115:1968; C127:1994; C129:1994; C136:1972; C139:1975; C148:1994; C155:1994; C161:1988; C167:1989
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/hungarycpe.pdf</u> (31.3.2004)]
List of occupational diseases	Yes [<u>CIS 94-531]</u>
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	C045:1938; C081:1949; C115:1975; C136:1991
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	64,894
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
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/indonesiacpe.pdf</u> (31.3.2004)]
List of occupational diseases	Yes [<u>CIS 91-1057]</u>
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C081:1955; C136:1979
List of occupational diseases	Yes <u>[CIS 90-1</u>]
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C013:1952; C045:1952; C081:1952; C115:1971; C119:1971; C120:1971; C127:1971; C129:1981; C136:1981; C139:1981; C148:1985; C167:2003; C170:2002
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / http://www.ilo.org/ilolex/english/cprofiles/pdf/italycpe.pdf (31.3.2004)]
Workers' compensation system coverage	98% (1999) [Work and health country profiles of twenty-two European countries, People and work, Research Reports 52. Finnish Institute of Occupational Health. Helsinki, 2002.]
List of occupational diseases	Yes [<u>CIS 01-943]</u>
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 <u>[CIS 89-1051]</u>
ILO global estimates on fatal accidents (2001)	164
Work-related mortality calculated using age structures (accidents and diseases)	1,146
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	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/kenyacpe.pdf</u> (31.3.2004)]
Workers' compensation systems - description	Compensation system exists [Reply from ILO local office]
List of occupational diseases	Yes [<u>CIS 91-1402]</u>
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 OSF	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,	186
Work-related mortality calculated using age structures (accidents and diseases,	
Deaths caused by dangerous substances	379
Accidents causing 3 days' (+) absence (average) ILO estimate (2001)	
	28 April [Peply from II O local office]

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

Luxembourg

Essentially setting and the (0004)	100.010
Economically active population (2001)	189,218
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	
Workers' compensation system coverage	100% (2001) [legally covered] [Work and health country profiles of twenty-two European countries, People and work, Research Reports 52. Finnish Institute of Occupational Health. Helsinki, 2002.]
List of occupational diseases	Yes [<u>CIS 88-1412]</u>
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

Economically active population (2001) 5,100,000

Ratifications of ILO Occupational Safety and Health Conventions C045:1965; C081:1965; C129:1971

and Protocols

Coverage of legal provisions on OSH All sectors [Country Profiles - OSH Standards (CD) / http://www.ilo.org/ilolex/english/cprofiles/pdf/malawicpe.pdf (31.3.2004)] List of occupational diseases Yes [CIS 89-1852] ILO global estimates on fatal accidents (2001) 970 Work-related mortality calculated using age structures (accidents and diseases) Deaths caused by dangerous substances 1,007 Accidents causing 3 days' (+) absence (average) ILO estimate (2001) OSH information centres (CIS) National centre

Malaysia

Economically active population (2001)	9,616,100
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C045:1957; C081:1963; C119:1974
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/malaysiacpe.pdf</u> (31.3.2004)]
List of occupational diseases	Yes <u>[CIS 91-354]</u>
ILO global estimates on fatal accidents (2001)	1,207
Fatal accidents reported to the ILO (2001)	958
Work-related mortality calculated using age structures (accidents and diseases)	5,736
Deaths caused by dangerous substances	1,230
Accidents causing 3 days' (+) absence (average) ILO estimate (2001)	920,940
Accidents causing 3 days' (+) absence reported to the ILO (2001)	84,911

OSH information centres (CIS) National centre and collaborating centre

Nepal

Economically active population (2001)	11,000,000
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 [Reply from ILO local office]
ILO global estimates on fatal accidents (2001)	2,934
Work-related mortality calculated using age structures (accidents and diseases)	7,267
Deaths caused by dangerous substances	1,558
Accidents causing 3 days' (+) absence (average) ILO estimate (2001)	2,238,960
OSH information centres (CIS)	National centre and collaborating centre
Awareness raising campaigns	Yes and 28 April [Reply from ILO local office]

Norway

Economically active population (2001)	2,361,000
	C013:1929; C081:1949; C115:1961; C119:1969; C120:1966; C129:1971; C139:1977; C148:1979; C155:1982; C162:1992; C167:1991; C170:1993; C176:1999; P081:1999
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/norwaycpe.pdf</u> (31.3.2004)]
Workers' compensation system coverage	100% (2002) [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)	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 <u>[CIS 93-20]</u>
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C045:1945, denounced in 1997; C081:1960; C139:1976
List of occupational diseases	Yes [<u>CIS 74-1192]</u>
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C013:1991; C045:1961; C081:1998; C115:1967; C119:1969; C120:1967; C148:1988; C155:1998; C162:2000; P081:1998
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/russiacpe.pdf</u> (31.3.2004)]
Workers' compensation system coverage	97% (2001) [Work and health country profiles of twenty-two European countries, People and work, Research Reports 52. Finnish Institute of Occupational Health. Helsinki, 2002.]
List of occupational diseases	Yes [<u>CIS 78-1089]</u>
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

Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C045:1936; C155:2003; C176:2000
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/southafricacpe.pdf</u> (31.3.2004)]
Workers' compensation systems - description	Compensation system exists [The national occupational health and safety policy (South Africa), second draft]
List of occupational diseases	Yes <u>[CIS 94-1452]</u>
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	
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)	
Deaths caused by dangerous substances	859
Accidents causing 3 days' (+) absence (average) ILO estimate (2001)	
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]

Sweden

Economically active population (2001)	4,415,000
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C013:1923; C045:1936, denounced in 1967; C081:1949; C115:1961; C119:1964; C120:1965; C129:1970; C139:1975; C148:1978; C155:1982; C161:1986; C162:1987; C167:1991; C170:1992; C174:1994; C176:1997; P081:1997
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/swedencpe.pdf</u> (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

Switzerland

Economically active population (2001)	4,038,734
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C045:1940; C081:1949; C115:1963; C119:1992; C120:1966; C136:1975; C139:1976; C162:1992
Workers' compensation system coverage	100% (2000) [Work and health country profiles of twenty-two European countries, People and work, Research Reports 52. Finnish Institute of Occupational Health. Helsinki, 2002.]
List of occupational diseases	Yes [<u>CIS 74-1188]</u>
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

Deaths caused by dangerous substances 656

Accidents causing 3 days' (+) absence (average) ILO estimate 61,871 (2001)

Accidents causing 3 days' (+) absence reported to the ILO (2001) 91,217

OSH information centres (CIS) National centre

Awareness raising campaigns Yes

Syrian Arab Republic

Economically active population (2001)	5,457,375
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C045:1960; C081:1960; C115:1964; C119:1965; C120:1965; C129:1972; C136:1977; C139:1979
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/syriacpe.pdf</u> (31.3.2004)]
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 [<u>CIS 87-12]</u>
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
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/ugandacpe.pdf</u> (31.3.2004)]
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 1,629,299 (2001)

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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C045:1936, denounced in 1988; C081:1949; C115:1962; C120:1967; C148:1979
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/unitedkingdomcpe.pdf</u> (31.3.2004)]
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.]
List of occupational diseases	Yes <u>[CIS 83-2075]</u>
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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C176:2001
Coverage of legal provisions on OSH	All sectors [Country Profiles - OSH Standards (CD) / <u>http://www.ilo.org/ilolex/english/cprofiles/pdf/unitedstatescpe.pdf</u> (31.3.2004)]
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)	5,069,963
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	8,912

and diseases)

Deaths caused by dangerous substances 1,911

Accidents causing 3 days' (+) absence (average) ILO estimate 730,141 (2001)

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
Ratifications of ILO Occupational Safety and Health Conventions and Protocols	C013:1933; C045:1944; C081:1967; C120:1971; C127:1984; C139:1983; C155:1984
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