

Table 14-6 Fatal Rates of Occupational Injuries in Major Countries

Year	R.O.C. (1)			Canada (2)		
	All of the Industry	Manufacturing	Construction	All of the Industry	Manufacturing	Construction
1994	0.095	0.068	0.231	0.056	0.076	0.199
1995	0.083	0.055	0.208	0.056	0.072	0.190
1996	0.095	0.084	0.211	0.052	0.075	0.206
1997	0.093	0.076	0.259	0.061	0.081	0.203
1998	0.084	0.063	0.254	0.057	0.078	0.223
1999	0.085	0.078	0.203	0.058	0.086	0.216
2000	0.077	0.063	0.223	0.034	0.033	0.104
2001	0.069	0.067	0.210	0.033	0.034	0.118
2002	0.065	0.059	0.188	0.032	0.031	0.112
2003	0.050	0.041	0.175	0.029	0.029	0.104
2004	0.044	0.030	0.131	0.029	0.031	0.101
2005	0.045	0.038	0.172	0.030	0.036	0.109
2006	0.038	0.035	0.161	0.027	0.023	0.096
2007	0.034	0.033	0.122	0.023	0.031	0.082
2008	0.036	0.035	0.130	0.027	0.024	0.087
2009	0.034	0.028	0.128	0.021	0.020	0.085
2010	0.030	0.029	0.097	0.022	0.017	0.080
2011	0.033	0.036	0.125	0.021	0.013	0.072
2012	0.032	0.032	0.131	—	—	—
2013	0.030	0.028	0.120	0.020	0.025	0.073
2014	0.027	0.023	0.136	0.020	0.003	0.084
2015	0.026	0.020	0.117	0.017	0.004	0.045
2016	0.027	0.030	0.096	0.018	—	—
2017	0.025	0.021	0.108	0.018	0.005	0.063
2018	0.024	0.020	0.113	0.019	0.002	0.045
2019	0.023	0.024	0.098	0.049	0.055	0.127
2020	0.023	0.020	0.110	0.051	0.060	0.124
2021	0.021	0.022	0.105	0.057	0.052	0.129
2022	0.022	0.017	0.105	...	...	...
2023	0.026	0.025	0.135	...	...	...

Source : MOL-Foreign Labor Statistics.

Remark : (1)R.O.C: The rate refers to the number of workplace fatalities per thousand persons insured, occupational injuries only.

(2)Canada: 1995-1999: The rate refers to the number of workplace fatalities per thousand persons employed, including cases of occupational disease. 2000-2008: The rate refers to the number of workplace fatalities per thousand persons employed. 2009-2013: The rate refers to the number of workplace fatalities per thousand persons insured, occupational injuries only. From 2014, the rate refers to the number of workplace fatalities per thousand persons insured, occupational injuries only and deaths occurring within 1 year.

(3)France: 1996-2007: The rate refers to the number of workplace fatalities per thousand persons insured. From 2009, the rate refers to the number of workplace fatalities per thousand persons employed, private sector only.ILO calculations based on Eurostat data.

(4)Germany: 1995-2008:The rate refers to the number of workplace fatalities for 1,000 full-time equivalent workers, deaths occurring within 1 month. From 2009,the rate refers to the number of workplace fatalities per thousand persons insured, private sector only.ILO calculations based on Eurostat data.

Unit : ‰

France (3)			Germany (4)			Japan (5)		
All of the Industry	Manufacturing	Construction	All of the Industry	Manufacturing	Construction	All of the Industry	Manufacturing	Construction
0.056	0.047	0.186	0.046	—	—	—	—	—
0.049	0.039	0.166	0.042	—	—	0.046	0.032	0.188
0.053	0.040	0.190	0.040	—	—	0.044	0.031	0.182
0.048	0.040	0.167	0.037	—	—	0.039	0.027	0.151
0.045	0.038	0.159	0.034	—	—	0.033	0.024	0.132
0.045	0.038	0.138	0.034	—	—	0.037	0.028	0.146
0.044	—	—	0.031	—	—	0.035	0.027	0.136
0.042	—	—	0.030	—	—	0.033	0.028	0.124
0.038	—	—	0.029	—	—	0.031	0.024	0.120
0.037	—	—	0.028	—	—	—	—	—
0.035	—	—	0.026	—	—	—	—	—
0.027	0.026	0.078	0.024	—	—	—	—	—
0.030	0.031	0.102	0.025	—	—	—	—	—
0.034	0.037	0.120	0.022	—	—	—	—	—
0.020	0.020	0.060	0.020	—	—	—	—	—
0.022	0.025	0.070	0.011	0.008	0.035	—	—	—
0.024	0.024	0.076	0.012	0.012	0.032	—	—	—
0.031	0.026	0.092	0.012	0.008	0.051	—	—	—
0.031	0.032	0.081	0.012	0.010	0.043	—	—	—
0.030	0.026	0.088	0.010	0.010	0.035	—	—	—
0.027	0.028	0.096	0.012	0.009	0.043	—	—	—
0.026	0.026	0.091	0.010	0.010	0.038	—	—	—
0.027	0.033	0.085	0.010	0.008	0.031	0.020	0.010	0.090
0.026	0.029	0.080	0.009	0.008	0.036	0.020	0.010	0.100
0.027	0.027	0.076	0.008	0.007	0.035	0.020	0.020	0.090
0.035	0.042	0.117	0.008	0.007	0.026	0.014	0.013	0.066
0.025	0.027	0.071	0.007	0.006	0.036	0.013	0.012	0.064
0.033	0.031	0.091	0.008	0.006	0.032	0.015	0.014	0.089
...	0.007	0.007	0.029
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Table 14-6 Fatal Rates of Occupational Injuries in Major Countries(Cont.)

Year	Korea, R. O. (6)			Singapore (7)		
	All of the Industry	Manufacturing	Construction	All of the Industry	Manufacturing	Construction
1994	—	—	—	—	—	—
1995	0.340	0.220	0.320	0.105	0.044	0.295
1996	0.330	0.230	0.320	0.117	0.039	0.334
1997	0.330	0.250	0.310	0.156	0.070	0.376
1998	0.290	0.220	0.360	0.080	0.050	—
1999	0.310	0.240	0.280	0.065	0.020	—
2000	0.270	0.250	0.220	0.066	—	—
2001	0.260	0.244	0.279	0.053	—	—
2002	0.246	0.225	0.249	0.055	—	—
2003	0.276	0.261	0.294	0.047	—	—
2004	0.270	0.230	0.397	0.049	—	—
2005	0.225	0.214	0.295	0.040	—	—
2006	0.210	0.202	0.256	0.031	0.017	0.094
2007	0.192	0.196	0.225	0.029	0.037	0.081
2008	0.180	0.196	0.212	0.028	0.029	0.069
2009	0.157	0.176	0.189	0.029	0.026	0.081
2010	0.155	0.193	0.191	0.022	0.016	0.081
2011	0.147	0.164	0.201	0.023	0.031	0.055
2012	0.120	0.144	0.178	0.021	0.028	0.059
2013	0.125	0.122	0.221	0.021	0.014	0.070
2014	0.108	0.114	0.150	0.018	0.014	0.055
2015	0.101	0.103	0.147	0.019	0.014	0.054
2016	0.096	0.096	0.176	0.019	0.022	0.049
2017	0.105	0.104	0.190	0.012	0.017	0.026
2018	0.112	0.114	0.194	0.012	0.009	0.031
2019	0.108	0.122	0.208	0.011	0.010	0.029
2020	0.109	0.117	0.248	0.009	0.015	0.022
2021	0.107	0.129	0.232	0.011	0.010	0.033
2022	0.110	0.127	0.216	0.013	0.017	0.029
2023	...	...	...	...	...	...

Remark : (5)Japan: From 2016, the rate refers to the number of workplace fatalities per thousand persons employed, including cases of occupational disease. The data refer to establishments with at least 100 employees in May each year, excluding public administration. From 2000, the rate refers to end of the year.

(6)Korea, R. O.: The rate refers to the number of workplace fatalities per thousand persons insured, deaths occurring within 1 year.

(7)Singapore: The rate refers to the number of workplace fatalities per thousand persons employed and self-employed, including cases of work-related traffic injury.

(8)United Kingdom: 1995-2006: The rate refers to the number of workplace fatalities per thousand persons employed. From 2009, ILO calculations based on Eurostat data.

(9)United States: The rate represents the number of fatal occupational injuries for 1,000 full-time equivalent workers and was calculated as (the number of fatal work injuries ÷ total hours worked by all employees during the calendar year)×2,000,000, where 2,000,000 is the base for 1,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year). Prior to 2005, the rate was calculated as (the number of fatal work injuries ÷ total employees) ×1,000.

Unit : ‰

United Kingdom (8)			United States (9)		
All of the Industry	Manufacturing	Construction	All of the Industry	Manufacturing	Construction
0.010	0.012	0.068	—	—	—
0.011	0.011	0.080	0.049	0.035	0.147
0.009	0.013	0.074	0.048	0.035	0.140
0.009	0.014	0.057	0.048	0.036	0.141
0.008	0.016	0.044	0.045	0.034	0.146
0.007	0.011	0.057	0.045	0.036	0.140
0.009	0.012	0.064	0.043	0.033	0.129
0.008	0.013	0.053	0.043	0.032	0.133
0.007	0.012	0.051	0.040	0.031	0.122
0.007	0.008	0.044	0.040	0.025	0.117
0.007	0.014	0.049	0.041	0.028	0.119
0.006	0.014	0.037	0.040	0.024	0.110
0.007	0.013	0.045	0.042	0.027	0.112
—	—	—	0.040	0.024	0.108
—	—	—	0.037	0.025	0.097
0.005	0.009	0.019	0.035	0.023	0.099
0.006	0.010	0.024	0.036	0.023	0.098
0.007	0.012	0.025	0.035	0.022	0.091
0.006	0.007	0.020	0.034	0.022	0.099
0.009	0.008	0.024	0.033	0.021	0.097
0.008	0.007	0.023	0.034	0.023	0.098
0.008	0.009	0.021	0.034	0.023	0.101
0.008	0.008	0.020	0.036	0.020	0.101
0.009	0.008	0.023	0.035	0.019	0.095
0.008	0.011	0.015	0.035	0.022	0.095
...	...	...	0.035	—	0.097
...	...	...	0.034	0.023	0.102
...	...	...	0.036	0.026	0.094
...	...	...	0.037	0.026	0.096
...