

Table 9-13 Frequency of Disability and Severity of Disability of the Designated Industries  
Compile Reports and Statistics on Occupational Accidents

Year	Grand total		Agriculture, forestry, fishing & animal husbandry		Mining & quarrying		Manufacturing	
	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
2005	2.51	325	2.15	1,271	0.81	704	2.70	341
2006	2.13	218	1.92	34	0.26	1	2.46	244
2007	2.20	212	1.49	32	0.27	1	2.46	213
2008	2.08	166	2.29	106	1.53	74	2.29	174
2009	1.91	171	1.77	878	0.50	10	2.08	200

  

Year	Grand total		Agriculture, forestry, fishing & animal husbandry		Mining & quarrying		Manufacturing	
	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
2010	1.96	161	2.67	67	2.52	792	2.20	177
2011	1.82	142	3.32	780	1.84	820	2.07	152
2012	1.72	119	2.79	46	1.18	20	1.94	130
2013	1.66	117	2.87	187	1.03	787	1.82	147
2014	1.64	117	4.75	89	0.78	811	1.74	133
2015	1.51	126	3.15	50	0.51	1,570	1.57	122
2016	1.39	107	2.02	41	0.68	832	1.50	112
2017	1.28	114	2.79	56	1.34	44	1.37	132
2018	1.27	89	2.94	948	1.02	27	1.31	87
2019	1.26	100	2.92	519	1.42	1,738	1.29	111
2020	1.41	91	2.95	52	0.94	17	1.42	113

Source : Occupational Safety and Health Administration, MOL.

Note : 1.This table is compiled from the monthly occupational accidents reports and statistics submitted by employers in accordance with provisions of Article 38 of the "Occupational Safety and Health Act" and Article 51 of the "Enforcement Rules of the Occupational Safety and Health Act".

2.Data series were classified before 2004 refer to Standard Industrial Classification System, Rev.6. Data series from 2005 to 2009 refer to Rev.7. Data series from 2010 to 2012 refer to Rev.8. Data series from 2013 to 2015 refer to Rev.9. Data series from 2016 refer to Rev.10.

3.The current data cannot be compared with the data prior to 2004 because we revised the content of occupational disaster statistics tables and amended the method of submitting occupational disaster in 2005.

Remark : (1)Disabling Injury Frequency Rate=(Times of disabling injury×10<sup>6</sup>)÷Total Person-work Hours(excluding after the third decimal point).

(2)Disabling Injury Severity Rate=(Total Work Days lost×10<sup>6</sup>)÷Total Person-work Hours(excluding after the third decimal point).

(3)Data series in the table exclude the traffic accidents on the commute.

Unit: Person-case/Million work hours ∙ Day/Million work hours

Food & beverage manufacturing		Tobacco manufacturing		Textiles mills		Apparel, clothing accessories & other textile product manufacturing	
Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
3.49	607	2.03	2,070	2.53	454	1.23	240
3.96	290	0.53	3,232	2.57	190	1.03	22
3.96	257	0.54	5	2.95	306	1.04	142
3.64	269	0.54	4	2.82	149	1.54	117
3.59	240	—	—	2.48	107	0.93	181

Food products & prepared animal feeds		Manufacture of beverages		Manufacture of tobacco products		Manufacture of textiles		Manufacture of wearing apparel & clothing accessories	
Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
3.80	275	1.93	49	0.93	16	3.04	413	1.14	35
3.45	270	1.97	45	0.46	2	2.32	200	1.05	24
3.29	201	1.44	68	2.25	135	1.95	110	1.06	21
2.99	108	3.12	423	—	—	2.03	273	0.88	28
3.28	101	1.41	59	0.44	39	1.92	415	0.97	36
2.66	119	2.23	38	—	—	1.92	244	0.86	20
2.60	178	2.04	56	1.02	40	1.45	140	1.06	21
2.35	210	1.51	360	1.42	53	1.81	42	1.23	19
2.30	150	1.33	46	—	—	1.70	96	0.74	10
2.31	106	1.72	53	—	—	1.59	35	1.24	35
2.73	76	1.38	236	0.37	5	1.49	320	1.33	546

Table 9-13 Frequency of Disability and Severity of Disability of the Designated Industries  
Compile Reports and Statistics on Occupational Accidents(Cont.1)

Year	Leather, fur & allied product manufacturing		Wood & bamboo products manufacturing		Furniture & fixtures manufacturing		Pulp, paper & paper products manufacturing	
	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
2005	3.04	408	6.72	1,167	4.21	574	4.67	501
2006	2.54	260	8.18	1,008	5.52	127	4.29	310
2007	3.07	59	12.08	768	3.99	217	4.37	969
2008	2.44	107	15.48	1,053	4.57	477	4.11	508
2009	2.37	52	8.02	2,263	3.79	83	3.63	574

  

Year	Manufacture of leather, fur & related products		Manufacture of wood & of products of wood & bamboo		Manufacture of paper & paper products		Printing & reproduction of recorded media	
	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
2010	2.84	388	7.13	134	3.73	1,017	2.27	118
2011	2.34	61	3.91	81	3.62	623	2.67	37
2012	2.47	36	5.78	209	3.69	94	2.56	61
2013	2.34	104	6.08	1,107	3.82	786	1.77	43
2014	1.80	254	6.00	819	3.05	321	1.74	27
2015	2.54	71	4.56	366	2.92	201	2.01	39
2016	1.53	33	2.99	209	2.38	63	1.83	19
2017	1.33	44	3.09	1,210	1.81	391	2.18	52
2018	1.40	46	3.85	71	1.34	274	2.17	27
2019	1.24	269	2.17	35	1.85	400	2.05	38
2020	1.12	28	4.14	103	2.11	434	1.35	13

Unit: Person-case/Million work hours ∙ Day/Million work hours

Printing & related support activities		Chemical material manufacturing		Chemical products manufacturing		Petroleum & coal products manufacturing	
Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
3.51	108	2.46	440	1.41	262	0.52	12
2.65	90	1.87	656	1.57	159	0.43	2
2.89	60	1.96	409	1.71	148	0.53	3
4.14	303	1.51	167	1.58	43	0.52	1
2.57	80	1.84	290	1.76	420	0.34	2

  

Manufacture of petroleum & coal products		Manufacture of chemical material, fertilizers & nitrogen compounds, plastic & rubber materials, materials, man-made fibres		Manufacture of other chemical products		Manufacture of pharmaceuticals & medicinal chemical products		Manufacture of rubber products	
Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
0.49	13	1.59	254	1.77	60	2.17	392	4.37	437
1.34	12	1.59	389	2.09	402	2.04	163	3.56	589
0.17	1	1.39	32	2.20	132	1.93	24	3.50	274
0.71	2	1.30	304	1.85	250	2.65	54	2.90	275
0.74	14	1.35	243	2.13	139	2.24	179	3.20	252
—	—	1.21	393	1.79	338	2.30	94	2.73	167
0.45	1	1.33	128	1.92	134	1.94	171	3.08	291
0.57	18	1.11	205	1.36	36	1.97	32	2.57	249
0.20	10	0.93	149	1.23	45	1.72	32	2.16	220
0.10	—	1.18	375	1.24	302	1.99	49	2.68	262
0.77	13	1.09	222	1.43	38	1.74	281	2.53	63

Table 9-13 Frequency of Disability and Severity of Disability of the Designated Industries  
Compile Reports and Statistics on Occupational Accidents(Cont.2)

Year	Rubber products manufacturing		Plastic products manufacturing		Non-metallic mineral products manufacturing		Basic metal industries	
	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
2005	4.59	104	3.14	591	4.41	588	5.69	771
2006	4.17	404	2.88	371	5.31	720	5.64	824
2007	4.51	377	2.87	271	5.65	764	5.93	606
2008	4.40	410	2.78	392	5.31	370	4.34	303
2009	3.60	354	2.60	393	4.11	687	4.06	450

  

Year	Manufacture of plastics products		Manufacture of other non-metallic mineral products		Manufacture of basic metals		Manufacture of fabricated metal products	
	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
2010	2.59	237	4.92	352	3.70	326	4.36	365
2011	2.48	152	4.22	230	3.94	528	4.15	215
2012	2.44	170	3.63	237	3.34	585	3.94	266
2013	2.33	216	3.72	343	3.16	487	3.34	334
2014	2.53	164	3.33	358	3.27	287	3.08	258
2015	2.18	329	2.68	318	2.29	358	2.82	245
2016	1.84	228	2.59	252	2.44	357	2.59	275
2017	1.87	320	2.35	704	1.87	341	2.22	194
2018	1.45	180	1.97	338	2.03	302	2.10	143
2019	1.49	96	2.09	487	1.62	245	1.81	159
2020	1.57	212	2.32	134	1.90	481	2.28	180

Unit: Person-case/Million work hours ∙ Day/Million work hours

Fabricated metal products manufacturing		Machinery & equipment manufacturing & repairing		Computer, communications, & audio & video electronic products manufacturing		Electronic parts & components manufacturing	
Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
4.43	541	4.05	807	1.24	134	1.92	137
4.64	597	3.76	329	0.93	72	1.37	88
4.55	563	4.00	321	0.92	60	1.12	46
4.54	480	3.82	256	0.63	19	1.00	32
4.31	444	3.09	432	0.56	19	0.94	36

Manufacture of electronic parts & components		Manufacture of computers, electronic & optical products		Manufacture of electrical equipment		Manufacture of machinery & equipment		Manufacture of motor vehicles & parts	
Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
1.10	29	0.88	32	2.05	221	2.90	143	2.54	175
1.01	25	0.83	27	1.90	140	3.05	183	2.79	282
1.01	24	0.79	94	1.76	119	2.63	180	2.32	225
0.98	24	0.68	40	1.66	106	2.28	188	2.14	170
0.90	24	0.79	46	1.56	75	2.12	278	1.87	57
0.86	15	0.70	43	1.55	99	1.89	57	1.86	199
0.85	23	0.64	13	1.49	156	1.64	175	1.49	68
0.77	40	0.65	9	1.42	76	1.54	219	1.19	133
0.77	26	0.73	28	1.31	46	1.65	120	1.21	31
0.79	31	0.74	10	1.40	129	1.40	191	1.18	39
0.84	37	0.86	28	1.46	76	1.72	67	1.29	41

Table 9-13 Frequency of Disability and Severity of Disability of the Designated Industries  
Compile Reports and Statistics on Occupational Accidents(Cont.3)

Year	Electrical machinery, supplies & equipment manufacturing & repairing		Transport equipment manufacturing & repairing		Precision, optical, medical equipment, watches & clocks manufacturing		Other industrial products manufacturing	
	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
2005	2.21	180	3.19	420	1.89	123	2.92	138
2006	1.98	51	3.32	337	1.25	67	2.71	223
2007	2.25	79	3.20	187	1.04	14	2.41	200
2008	1.95	207	2.91	173	1.05	20	3.35	581
2009	1.99	123	2.66	227	1.33	105	2.61	63

  

Year	Manufacture of other transport equipment & parts		Manufacture of furniture		Other manufacturing		Repair & installation of industrial machinery & equipment		Electricity & gas supply	
	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
2010	2.89	294	3.63	205	2.73	245	1.92	17	0.59	345
2011	2.66	227	4.38	153	2.80	343	1.80	12	0.48	108
2012	2.38	173	3.87	250	1.99	366	2.40	45	0.55	280
2013	2.06	48	3.94	202	2.37	91	1.49	41	0.61	307
2014	2.21	131	3.08	475	1.50	108	1.28	31	0.38	114
2015	1.71	35	2.37	428	1.59	100	1.16	25	0.46	511
2016	2.04	104	2.18	455	1.92	26	1.58	29	0.55	709
2017	1.79	130	1.46	191	1.73	94	1.15	50	0.40	166
2018	1.73	26	1.64	59	1.61	42	1.25	25	0.45	426
2019	1.38	83	1.90	52	1.52	65	1.83	571	0.35	315
2020	1.61	175	1.72	595	1.58	37	1.13	47	0.35	5

Unit: Person-case/Million work hours ∙ Day/Million work hours

Electricity, gas & water		Construction		Trade		Accommodation & eating-drinking places	
Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
0.53	441	1.49	571	1.96	105	4.12	267
0.40	187	2.89	1,321	1.66	193	3.78	89
0.47	194	3.26	904	1.77	177	4.43	53
0.35	90	2.92	651	1.69	137	5.19	129
0.44	168	2.49	720	1.55	83	5.00	112

  

Water supply & remediation activities		Construction		Wholesale & retail trade		Transportation & storage		Accommodation & food service activities	
Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
4.87	522	2.16	518	1.47	99	3.82	359	3.78	192
6.00	296	1.70	681	1.31	127	2.78	181	3.44	44
4.83	488	1.96	708	1.38	77	2.01	134	3.20	74
4.46	277	1.93	458	1.28	45	2.05	127	3.07	47
4.11	189	2.04	578	1.59	78	2.14	105	3.33	51
3.10	126	2.01	679	1.57	63	2.03	137	3.64	76
3.06	66	1.47	615	1.51	46	2.06	142	3.30	40
2.85	152	1.12	766	1.24	100	1.98	111	3.30	75
2.92	327	0.88	364	1.26	73	1.96	119	3.49	63
2.83	252	0.98	389	1.27	83	1.94	121	3.26	65
3.34	506	1.60	364	1.55	52	1.89	92	4.09	75

Table 9-13 Frequency of Disability and Severity of Disability of the Designated Industries  
Compile Reports and Statistics on Occupational Accidents(Cont.4)

Year	Transportation, storage & communications		Finance & insurance		Real estate & rental & leasing		Professional, scientific & technical services	
	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
2005	4.16	527	0.54	46	0.85	21	0.79	159
2006	3.51	223	0.37	68	1.84	204	0.41	64
2007	3.95	370	0.39	109	1.24	92	0.63	66
2008	3.37	238	0.33	21	2.02	35	0.54	55
2009	2.84	199	0.50	25	1.67	318	0.53	83

  

Year	Information & communication		Financial & insurance activities		Real estate activities		Professional, scientific & technical activities		Support service activities	
	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
2010	0.61	92	0.53	14	1.58	28	0.44	113	1.08	103
2011	0.70	130	0.43	32	1.89	32	0.51	12	1.11	140
2012	0.64	9	0.44	10	2.00	55	0.47	12	1.11	67
2013	0.53	9	0.43	35	1.50	30	0.54	108	1.13	54
2014	0.56	104	0.48	27	1.78	45	0.38	52	1.24	185
2015	0.40	8	0.45	24	1.56	349	0.51	28	1.32	228
2016	0.48	10	0.48	15	1.37	248	0.62	12	0.91	178
2017	0.48	34	0.42	31	1.21	29	0.55	11	1.00	152
2018	0.37	28	0.44	32	1.52	119	0.47	11	1.01	153
2019	0.38	52	0.46	22	2.31	58	0.49	13	0.99	90
2020	0.47	37	0.54	21	2.31	58	0.58	81	1.31	169

Unit: Person-case/Million work hours ∙ Day/Million work hours

Educational services		Health care & social welfare services		Cultural, sporting & recreational services		Other services		Public administration	
Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
0.09	—	1.68	92	2.55	236	3.02	1,004	4.72	458
0.03	—	1.29	29	1.74	106	2.31	271	5.66	498
0.10	—	1.29	44	2.12	34	2.29	400	5.08	722
0.10	6	1.24	29	2.38	38	2.27	473	4.53	458
0.08	123	1.22	26	2.12	115	2.05	232	4.69	421

  

Public administration & defence; Compulsory social security		Education		Human health & social work activities		Arts, entertainment & recreation		Other service activities	
Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate	Disabling injury frequency rate	Disabling injury severity rate
4.61	319	0.05	—	1.16	14	6.05	281	1.30	25
4.16	456	0.05	14	1.01	27	4.62	37	1.22	24
4.27	193	0.06	3	1.10	18	4.90	320	0.94	12
4.58	89	0.18	3	1.01	27	5.72	42	0.74	225
4.43	267	0.16	4	0.96	15	4.27	54	1.71	30
4.47	700	0.07	57	1.01	27	4.49	45	1.05	28
3.25	232	0.07	16	1.01	36	3.14	52	1.13	17
2.49	153	0.13	43	1.10	15	4.85	230	0.98	225
2.58	129	0.15	3	1.04	45	4.51	177	0.94	24
2.59	228	0.19	23	1.09	24	3.22	147	1.09	177
2.83	51	0.22	5	1.07	27	5.63	182	0.97	30