

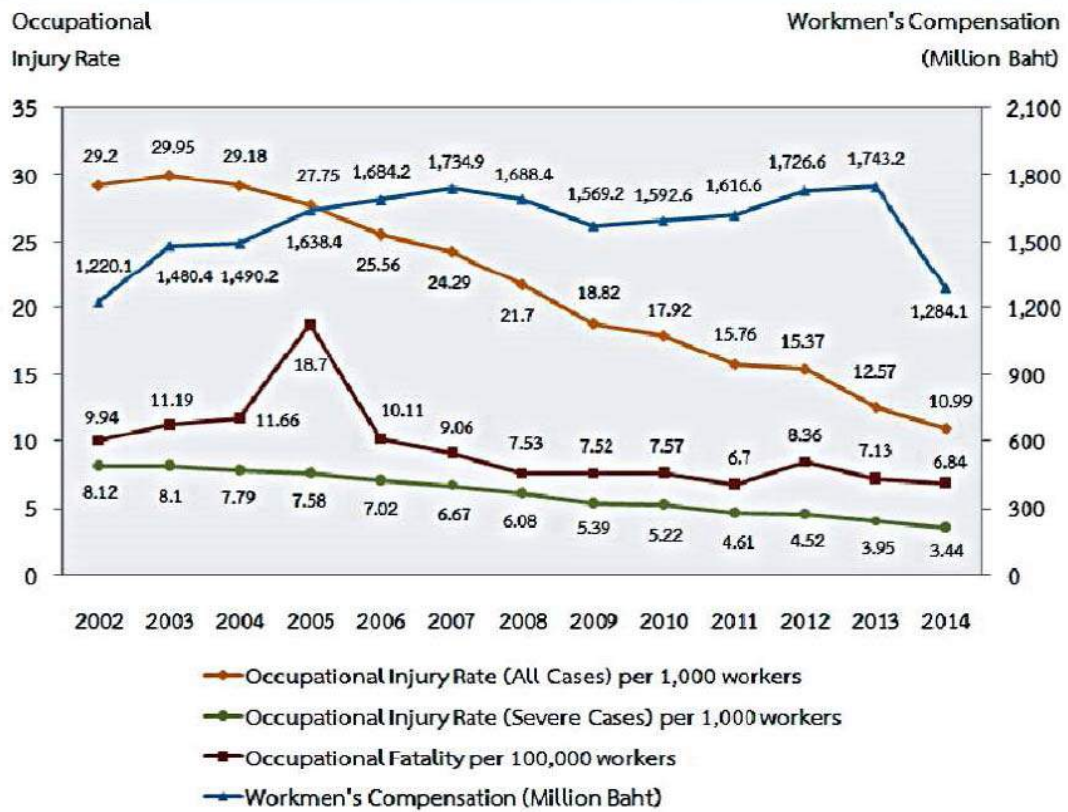
**Table 2-1 Occupational Accident Statistics during 2002 – 2014**  
**Classified by Severity Level and Workman Compensation**

Year	No. of Decided Cases						Occupational Injury Rates					Amount of Workmen's Compensation (Million Baht)
	No. of Employees	Death (1)	Disability (2)	Loss of Organ (3)	Leave Work > 3 days (4)	Leave Work < 3 days (5)	All Cases (1-5)	*Severe Cases (1-4)	**All Cases (1-5)	**Severe Cases (1-4)	***Fatal Cases (1)	
2002	6,541,105	650	14	3,424	49,012	137,879	190,979	53,100	29.20	8.12	9.94	1,220.14
2003	7,033,907	787	17	3,821	52,364	153,684	210,673	56,989	29.95	8.10	11.19	1,480.36
2004	7,386,825	861	23	3,775	52,893	157,982	215,534	57,552	29.18	7.79	11.66	1,490.19
2005	7,720,747	1,444	19	3,425	53,641	155,706	214,235	58,529	27.75	7.58	18.70	1,638.37
2006	7,992,025	808	21	3,413	51,901	48,114	204,257	56,143	25.56	7.02	10.11	1,684.23
2007	8,178,180	741	16	3,259	50,525	144,111	198,652	54,541	24.29	6.67	9.06	1,734.90
2008	8,135,606	613	15	3,096	45,719	127,059	176,502	49,443	21.70	6.08	7.53	1,688.35
2009	7,939,923	597	8	2,383	39,850	106,598	149,436	42,838	18.82	5.39	7.52	1,569.19
2010	8,177,618	619	11	2,149	39,919	103,813	146,511	42,698	17.92	5.22	7.57	1,592.63
2011	8,222,960	551	4	1,630	35,709	91,699	129,632	37,933	15.76	4.61	6.70	1,616.57
2012	8,575,398	717	20	1,818	36,165	93,106	131,826	38,720	15.37	4.52	8.36	1,726.58
2013	8,901,624	635	28	3,036	31,419	76,776	111,894	35,188	12.57	3.95	7.13	1,743.16
2014	9,132,752	625	14	1,485	29,328	68,940	100,392	31,453	10.99	3.44	6.84	1,284.10

\* Not included cases those left work < 3 days \*\* Rate per 1,000 workers \*\*\* Rate per 100,000 workers

Figure 2-1

*Trend of Occupational Injury Rates by Severity and Workmen's Compensation, 2002 - 2014*





**Table 2-2 Cases of Occupational Accidents and Injuries by Size of Establishment**

No. of Employees	No. of Decided Cases					All Cases
	Death	Disability	Loss of Organ	Leave Work > 3 days	Leave Work > 3 days	
1 - 10	116	3	208	4,165	7,623	12,115
11 - 20	65	2	102	2,430	4,687	7,286
21 - 50	110	1	211	4,083	8,390	12,795
51 - 100	76	2	142	3,131	6,908	10,259
101 - 200	52	2	207	3,309	7,773	11,343
201 - 500	63	1	236	4,464	10,999	15,763
501 - 1,000	47	2	164	2,707	7,106	10,026
1,000 ขึ้นไป	96	1	215	5,039	15,454	20,805
<b>Total</b>	<b>625</b>	<b>14</b>	<b>1,485</b>	<b>29,328</b>	<b>68,940</b>	<b>100,392</b>

**Table 2-3 Cases of Occupational Accidents and Injuries by Type of Establishment**

Type of Establishment/ Manufacturer	No. of Decided Cases					All Cases
	Death	Disability	Loss of Organ	Leave Work > 3 days	Leave Work < 3 days	
- Survey/Mining	5	0	9	173	227	414
- Food/Beverage	43	1	139	2,688	5,783	8,654
- Textile/Ornament	10	0	89	1,266	2,742	4,107
- Forestry/Wood Products	5	1	82	1,302	1,721	3,111
- Paper Products/Printing	10	0	42	876	1,529	2,457
- Chemicals/Petroleum	27	0	209	2,581	5,753	8,570
- Non-metal Products	21	0	48	877	1,561	2,507
- Basic Metals	8	0	115	1,349	3,663	5,135
- Metal Products	30	2	345	4,465	12,127	16,969
- Vehicle Assembly	11	0	112	1,547	5,357	7,027
- Other Manufacturing	0	0	15	266	782	1,063
- Energy/Utilities	14	0	5	159	200	378
- Construction/Installation	104	4	69	4,459	7,004	9,640
- Transportation	119	2	38	1,378	2,200	3,737
- Commercial	107	2	115	4,081	8,865	13,170
- Other Establishments	111	2	53	3,858	9,425	13,449
<b>Total</b>	<b>625</b>	<b>14</b>	<b>1,485</b>	<b>29,328</b>	<b>68,940</b>	<b>100,392</b>

**Table 2-4 Top-7 Causes of Occupational Accidents and Injuries in 2014**

Causes of Injury	No. of Decided Cases					All Cases
	Death	Disability	Loss of Organ	Leave Work > 3 days	Leave Work < 3 days	
- Cut/Stabbed	1	0	308	6,520	17,095	23,924
- Hit/Crashed	26	1	244	4,573	11,157	16,001
- Collapsed/Felt on top	39	3	324	5,337	7,953	13,656
- Splashed into Eyes	0	0	12	763	12,835	13,610
- Pinched/Pulled	9	0	486	3,329	3,940	7,764
- Pinched/Pulled	99	3	25	2,646	2,883	5,656
- Pinched/Pulled	5	0	21	1,677	3,193	4,896

**Table 2-5 Cases of Diagnosed Occupational Diseases or Work-related Illnesses**

Occupational Disease/ Work-related Illness	No. of Decided Cases					All Cases
	Death	Disability	Loss of Organ	Leave Work > 3 days	Leave Work < 3 days	
- Chemical Exposures	0	0	0	0	14	14
- Physical Exposures	0	0	3	1	9	13
- Biological Exposures	0	0	0	0	0	0
- Respiratory Diseases	0	0	2	0	5	7
- Skin Diseases	0	0	1	8	88	97
- Musculoskeletal Disorders	0	0	0	138	415	553
- Occupational Cancers	0	0	0	0	0	0
- Other Diseases	0	0	0	0	2	2

**Table 2-6 Top-10 Provinces with High Occupational Accident and Injury Cases**

No.	Province	All Cases	No.	Province	Fatal Cases
1	Bangkok	28,645	1	Bangkok	170
2	Samut Prakan	15,385	2	Samut Sakhon	38
3	Chonburi	6,552	3	Chonburi	30
4	Samut Sakhon	6,106	4	Pathumthani	25
5	Pathumthani	4,274	5	Nakhon Pathom, Saraburi	22
6	Rayong	3,837	6	Nakhon Ratsima	21
7	Nonthaburi	3,031	7	Samut Sakhon	16
8	Ayutthaya	2,977	8	Nonthaburi, Chiangmai, Phuket	14
9	Chachoengsao	2,923	9	Ayutthaya, Khonkaen, Songkhla	13
10	Nakhon Pathom	2,553	10	Rayong	11



**Table 6-2 Academic Institutions offering Degree Programs on OSH (or equivalent) and Number of Graduates\***

No.	Institution	Program	Type		Year Started	No. of Graduates	
			Regular	Special		2014	Cumulative
1	<b>Mahidol University</b> Department of Occupational Health and Safety Faculty of Public Health Rajthewi, Bangkok <a href="http://phoh.ph.mahidol.ac.th">http://phoh.ph.mahidol.ac.th</a>	■ Bachelor of Science (B.Sc.) in Public Health Major: Occupational Health and Safety	✓	✗	2512	†	1,139
		■ Bachelor of Science (B.Sc.) In Occupational Health and Safety	✓	✗	2550	54	216
		■ Master of Science (M.Sc.) in Industrial Hygiene and Safety	✓	✗	2525	14	215
		■ Master of Science (M.Sc.) in Industrial Hygiene and Safety	✓	✗	2543	7	87
		■ Master of Science (M.Sc.) in Occupational Health and Safety	✓	✓	2555	⊕	⊕
		■ Doctor of Philosophy (Ph.D.) in Occupational Health and Safety	✓	✗	2555	⊕	⊕
2	<b>Sukhothai Thammathirat</b> Open University School of Health Science, Pakkret, Nonthaburi <a href="http://healthsci.stou.ac.th">http://healthsci.stou.ac.th</a>	■ Bachelor of Public Health (changed to Bachelor of Science in 2013) Major: Occupational Health and Safety	Long distance education system		2533	◇	8,676
		■ Bachelor of Public Health Major: Occupational Health and Safety (2 years Continual program)	Long distance education system			◇	
3	<b>Burapha University</b> Department of Industrial Hygiene Faculty of Public Health Mueang, Chonburi <a href="http://www.ph.buu.ac.th">http://www.ph.buu.ac.th</a>	■ Bachelor of Science (B.Sc.) in Industrial Hygiene and Safety	✓	✓	2536	100	617
		■ Bachelor of Public Health (Continual program) in Occupational Health and Safety			2547		
		■ Master of Science (M.Sc.) in Occupational Health and Safety	✓	✓	2551	⊕	42

**Table 6-2 Academic Institutions offering Degree Programs on OSH (or equivalent) and Number of Graduates\***

No.	Institution	Program	Type		Year Started	No. of Graduates	
			Regular	Special		2014	Cumulative
4	<b>Khonkaen University</b> Dept. of Environmental Health Science Faculty of Public Health Mueang, Khonkaen <a href="http://ph.kku.ac.th">http://ph.kku.ac.th</a>	■ <b>Bachelor of Science (B.Sc.) in Public Health</b> Major: Occupational Health and Safety	✓	—	2537	29	506
		■ <b>Bachelor of Science (B.Sc.) in Public Health</b> Dual Major: Environmental Health Science and Occupational Health and Safety	✓	—	2553	⊕	48
5	<b>Chandrasakorn Rajabhat University</b> Department of Safety Science Faculty of Science Chatuchak, Bangkok <a href="http://sci.chandra.ac.th">http://sci.chandra.ac.th</a>	■ <b>Bachelor of Science (B.Sc.) in Safety Science</b>	✓	—	2538	34	327
6	<b>Bansomdejchaopraya Rajabhat University</b> Department of Safety Science Faculty of Science and Technology Thonburi, Bangkok <a href="http://sci.bsru.ac.th">http://sci.bsru.ac.th</a>	■ <b>Bachelor of Science (B.Sc.) in Occupational Health and Safety</b>	✓	—	2539	30	480
7	<b>Huachiew Chalermprakiet University</b> Dept. of Occupational Health and Safety Faculty of Public Health and Environment Bangplee, Samutprakarn <a href="http://www.hcu.ac.th">http://www.hcu.ac.th</a>	■ <b>Bachelor of Science (B.Sc.) in Occupational Health and Safety</b>	✓	—	2539	97	735
8	<b>Walailak University</b> School of Allied Health Science and Public Health Tha-Sala, Nakhonsrithammarat <a href="http://ihh.wu.ac.th">http://ihh.wu.ac.th</a>	■ <b>Bachelor of Science (B.Sc.) in Occupational Health and Safety</b>	✓	—	2541	58	489



**Table 6-2 Academic Institutions offering Degree Programs on OSH (or equivalent) and Number of Graduates\***

No.	Institution	Program	Type		Year Started	No. of Graduates	
			Regular	Special		2014	Cumulative
9	<b>Suranaree University of Technology</b> Department of Occupational Health and Safety, Institute of Medicine Mueang, Nakhonratchasima <a href="http://www.sut.ac.th">http://www.sut.ac.th</a>	■ Bachelor of Science (B.Sc.) in Occupational Health and Safety	✓	✗	2542	91	681
10	<b>Valaya Alongkorn Rajabhat University</b> Faculty of Science and Technology Klongluang, Pathumthani <a href="http://sci.vru.ac.th">http://sci.vru.ac.th</a>	■ Bachelor of Science (B.Sc.) in Occupational Health and Safety	✓	✗	2547	15	37
		■ Bachelor of Science (B.Sc. in Occupational Health and Safety)	✗	✓	2551	⊕	20
11	<b>South-East Asia University</b> Department of Safety Engineering Faculty of Engineering Nongkhaem, Bangkok <a href="http://safety.sau.ac.th/">http://safety.sau.ac.th/</a>	■ Bachelor of Engineering (B.Eng.) In Safety Engineering	✓	✗	2548	66	364
12	<b>Thammasat University</b> Dept. of Occupational Health and Safety Faculty of Public Health - Rangsit Campus Klongluang, Pathumthani <a href="http://fph.tu.ac.th">http://fph.tu.ac.th</a>	■ Bachelor of Science (B.Sc.) in Public Health Major: Occupational Health and Safety	✓	✗	2549	39	126
13	<b>Ubon Ratchathani University</b> Dept. of Occupational Health and Safety Faculty of Science Warinchamrap, Ubon Ratchathani	■ Bachelor of Science (B.Sc.) in Public Health Major: Occupational Health and Safety	✓	✗	2549	+	84
		■ Bachelor of Science (B.Sc.) in Environmental Science Major: Occupational Health and Safety	✓	✗	2552	28	37
		■ Bachelor of Science (B.Sc.) in Occupational Health and Safety	✓	✗	2555	⊕	⊕

**Table 6-2 Academic Institutions offering Degree Programs on OSH (or equivalent) and Number of Graduates\***

No.	Institution	Program	Type		Year Started	No. of Graduates	
			Regular	Special		2014	Cumulative
14	<b>Suan Sunandha Rajabhat University</b> Faculty of Industrial Technology Dusit, Bangkok <a href="http://sci-tech.dusit.ac.th">http://sci-tech.dusit.ac.th</a>	■ <b>Bachelor of Science (B.Sc.) in Safety Technology and Occupational Health</b>	✓	✓	2549	43	158
15	<b>Suan Dusit Rajabhat University</b> Faculty of Science and Technology Bangplad, Bangkok <a href="http://sci-tech.dusit.ac.th">http://sci-tech.dusit.ac.th</a>	■ <b>Bachelor of Science (B.Sc.) in Occupational Health and Safety</b>	✓	✗	2551	0	49
16	<b>Naresuan University</b> Dept. of Env. and Occupational Health Faculty of Public Health, Mueang, Pitsanulok <a href="http://www.health.nu.ac.th">http://www.health.nu.ac.th</a>	■ <b>Bachelor of Science (B.Sc.) in Occupational Health and Safety</b>	✓	✗	2551	4	35
17	<b>Nakhonratchasima College</b> Faculty of Public Health and Health Technology Mueang, Nakhonratchasima <a href="http://ph.nmc.ac.th">http://ph.nmc.ac.th</a>	■ <b>Bachelor of Public Health in Occupational Health and Safety</b>	✓	✗	2551	10	43
18	<b>Vongchavalitkul University</b> Faculty of Public Health Mueang, Nakhonratchasima <a href="http://ph.vu.ac.th">http://ph.vu.ac.th</a>	■ <b>Bachelor of Science (B.Sc.) in Occupational Health and Safety</b>	✓	✗	2552	22	38
19	<b>Eastern Asia University</b> Faculty of Public Health Thanyaburi, Pathumthani <a href="http://www.eau.ac.th">http://www.eau.ac.th</a>	■ <b>Bachelor of Science (B.Sc.) in Public Health</b> Major: Occupational Health and Safety	✓	✗	2553	54	54



**Table 6-2 Academic Institutions offering Degree Programs on OSH (or equivalent) and Number of Graduates\***

No.	Institution	Program	Type		Year Started	No. of Graduates	
			Regular	Special		2014	Cumulative
20	<b>Thaksin University (Phatthalung Campus)</b> Faculty of Health and Sports Science Pa-Payom, Phatthalung <a href="http://www2.tsu.ac.th/health_sci">http://www2.tsu.ac.th/health_sci</a>	■ Bachelor of Science (B.Sc.) in Industrial Hygiene and Safety	☑	☑	2546	42	322
21	<b>Rajabhat Rajanagarindra University</b> Faculty of Science and Technology Mueang, Chachoengsao <a href="http://sci.bsru.ac.th">http://sci.bsru.ac.th</a>	■ Bachelor of Science (B.Sc.) in Safety Science	☑	☑	2547	5	230
22	<b>Prince of Songkla University</b> Department of Community Medicine Faculty of Medicine Hat Yai, Songkhla <a href="http://medinfo.psu.ac.th">http://medinfo.psu.ac.th</a>	■ Master of Science (M.Sc.) in Occupational Medicine	☑	☐	2547	8	8
23	<b>Nakhon Sawan Rajabhat University</b> Faculty of Science and Technology Mueang, Nakhon Sawan <a href="http://st.nsrui.ac.th">http://st.nsrui.ac.th</a>	■ Bachelor of Science (B.Sc.) in Public Health Major: Occupational Health and Safety	☑	☐	2549	53	100
24	<b>Phranakhon Si Ayutthaya Rajabhat University</b> Faculty of Science and Technology Mueang, Phranakhon Si Ayutthaya <a href="http://sci.aru.ac.th">http://sci.aru.ac.th</a>	■ Bachelor of Science (B.Sc.) in Occupational Health and Safety	☑	☐	2551	18	34
25	<b>Phayao University</b> Dept. of Occupational Health and Safety Faculty of Medicine Mueang, Phayao <a href="http://www.up.ac.th">http://www.up.ac.th</a>	■ Bachelor of Science (B.Sc.) in Occupational Health and Safety	☑	☐	2551	73	150

Table 6-2 Academic Institutions offering Degree Programs on OSH (or equivalent) and Number of Graduates\*

No.	Institution	Program	Type		Year Started	No. of Graduates	
			Regular	Special		2014	Cumulative
26	<b>Chalermkarnchana University</b> Faculty of Public Health Mueang, Sisaket <a href="http://www.ckc.ac.th">http://www.ckc.ac.th</a>	■ Bachelor of Science (B.Sc.) in Occupational Health and Safety	☑	☑	2553	33	33
27	<b>Phitsanulok University</b> Faculty of Public Health Mueang, Phitsanulok <a href="http://www.plu.ac.th">http://www.plu.ac.th</a>	■ Bachelor of Public Health in Occupational Health and Safety	☑	☑	2553	44	79
28	<b>Pathumthani University</b> Faculty of Public Health and Environment Mueang, Pathumthani <a href="http://www.ptu.ac.th">http://www.ptu.ac.th</a>	■ Bachelor of Science (B.Sc.) in Occupational Health and Safety	☑	⊖	2551	42	145
29	<b>Pathumthani University</b> Faculty of Public Health and Environment Mueang, Pathumthani <a href="http://www.ptu.ac.th">http://www.ptu.ac.th</a>	■ Bachelor of Public Health in Occupational Health and Safety	☑	⊖	2553	18	73
30	<b>Western University</b> Faculty of Public Health Huai Krachao, Kanchanaburi <a href="http://www.western.ac.th">http://www.western.ac.th</a>	■ Bachelor of Public Health in Occupational Health, Safety and Environment	☑	☑	2551	18	69

\* Data from a survey conducted by OSH Bureau (as of July 2014). Institutions with degree programs in OSH those have been approved by the Department of Labour Protection and Welfare after this survey are not included.

☑ Curriculum cancelled no more graduates ⊕ No yet graduated ◆ Data unavailable † Data not reported