



**Improvement of Policy on Occupational Safety and Health  
- From Policy Development to Implementation Measures”  
(JFY2016)**

**Country Report - Thailand**

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Bureau of Occupational Safety and Health  
Department of Labour Protection and Welfare





# Overview of Presentation

**OSH Administration**

**OSH Organization**

**OSH Injuries Reports**

**OSH Injuries Statistics**

**OSH Enforcement**

**OSH campaign and promotions activities or events**



# OSH Administration

- **National Economic and Social Development Plan, 20017-2021**
- **OSH Master Plan**
  - 1<sup>st</sup> Master Plan, 2002-2006
  - 2<sup>nd</sup> Master Plan, 2007-2011
- **National OSH Master Plan**
  - 1<sup>rd</sup> National OSH Master Plan, 2012-2016
  - (Draft) 2<sup>nd</sup> National OSH Master Plan, 2017-2021
- **OSH National Agenda**
  - Announced by the government cabinet in 2007 “**Safe and Healthy Workforce**”
  - (Draft) **OSH National Agenda** period 2, 2017-2026 “**Safe and Healthy Workforce**”





# OSH Master Plan (cont.)

## Strategies

- Develop OSH knowledge and human resources
- Promote labour protection in all sectors to conform to OSH standards
- Strengthen OSH network to be effectively functional at all levels
- Develop and maintain OSH information system
- Extend the coverage of OSH standards to all occupational sectors using proactive approach





# Government Organizations Responsible for OSH

- **Ministry of Labour**

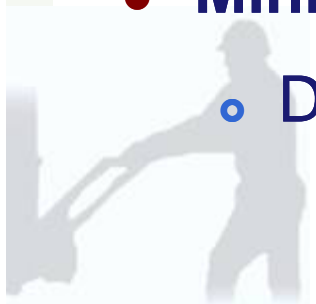
- Department of Labour Protection and Welfare(DLPW)
  - Bureau of Occupational Safety and Health(BOSH)
- Social Security Office(SSO)
  - Office of Workmen's Compensation Fund(WCF)

- **Ministry of Public Health**

- Department of Disease Control

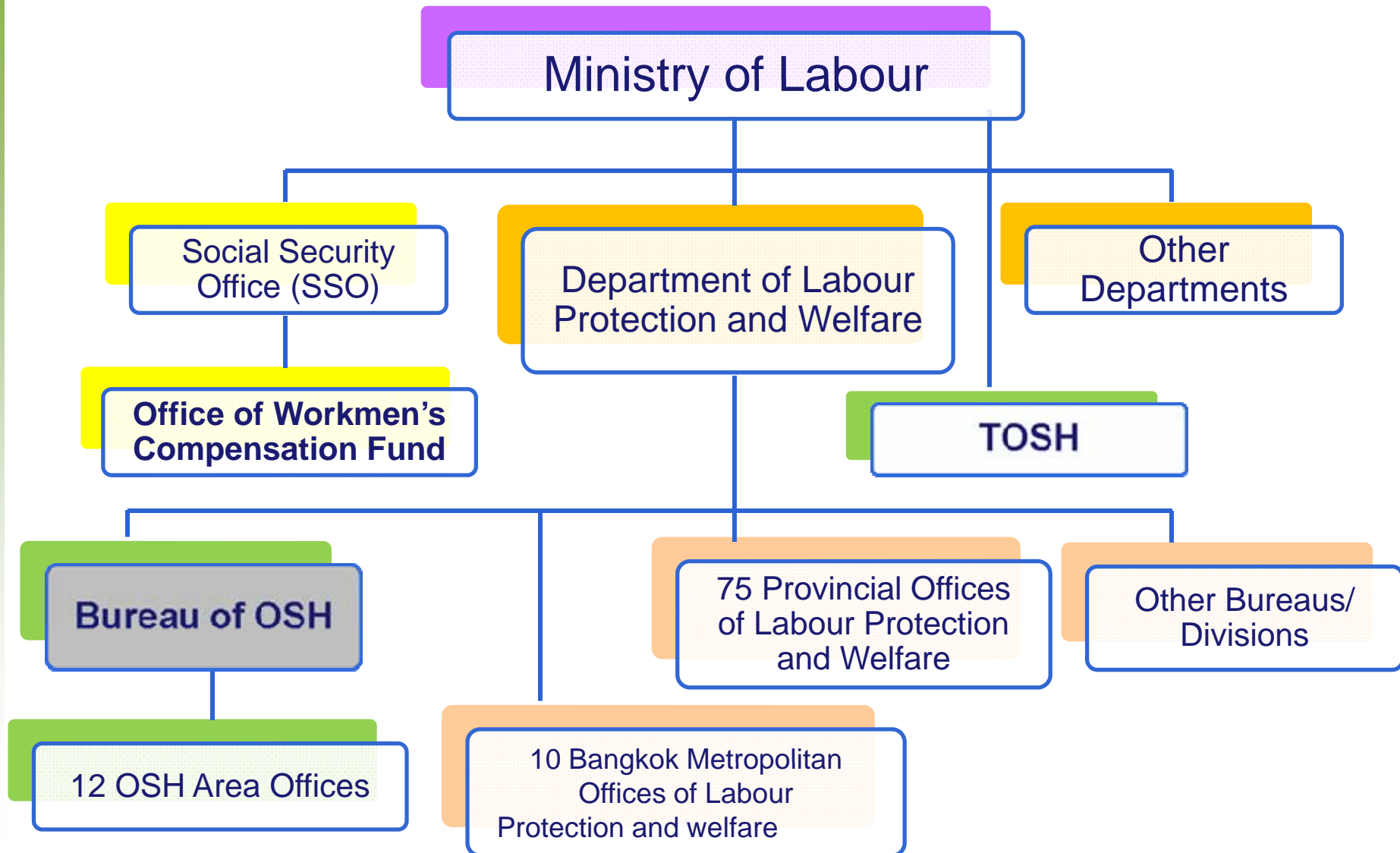
- **Ministry of Industry**

- Department of Industrial Works





# Organizations concern OSH





# Organization

## Occupational Safety and Bureau (OSH Bureau)

Center of OSH Accident Segment

OSH for Informal Workers Segment

OSH Accident Investigation and Analysis Segment

General Administration Section

OSH Strategy Group

OSH Standard Development Group

OSH Promotion Group

OSH Registration Group

OSH Network Group

OSH Fund Group

12 OSH Area Offices



# 12 OSH Area Centers



- ❖ Area 1 (Ayutthaya)
- ❖ Area 2 (Chonburi)
- ❖ Area 3 (Nakhon Ratchasima)
- ❖ Area 4 (Udon Thani)
- ❖ Area 5 (Lampang)
- ❖ Area 6 (Nakhon Sawan)
- ❖ Area 7 (Ratchaburi)
- ❖ Area 8 (Surat Thani)
- ❖ Area 9 (Songkhla)
- ❖ Area 10 (Samut Prakarn)
- ❖ Area 11 (Thaling-chan)
- ❖ Area 12 (Lad Krabang)





# Responsibilities

- Set up and develop OSH standards;
- Monitor employers, workers, and relevant parties to comply with OSH laws;
- Issue permission, registration, and supervision standards of OSH services;
- Conduct OSH study, research, promotion and development;
- Develop and maintain OSH information system;
- Promote and develop OSH networks.





# OSH Information

- OSH website ([www.oshthai.org](http://www.oshthai.org))

The screenshot displays the homepage of the OSH website. At the top, there is a header with the logo of the Ministry of Labour and the text "กองความปลอดภัยแรงงาน กรมสวัสดิการและคุ้มครองแรงงาน" (Ministry of Labour, Department of Labour Protection and Welfare). To the right, it says "ระเบียบวาระแห่งชาติ แรงงานปลอดภัยและสุขภาพอนามัยดี" (National Policy on Safe Labour and Good Health and Safety). Below the header is a navigation menu with tabs: "หน้าแรก", "เกี่ยวกับกอง", "กฎหมาย", "บริการความปลอดภัย", "คลังความรู้", "โครงการ-กิจกรรม", "สื่อความปลอดภัย", "แผนผังเว็บไซต์", and "คำถามที่พบบ่อย".

The main content area features a large banner for a meeting titled "บันทึกข้อตกลงความร่วมมือ โครงการความปลอดภัยและอาชีวอนามัยของประเทศไทย (Safety Thailand)". Below the banner, there is a search bar and a row of icons representing various services: "คู่มือสำหรับประชาชน", "ห้องสมุดความปลอดภัย", "แรงงานในระบบ", "แรงงานนอกระบบ", "หน่วยงานภาครัฐ", "รัฐวิสาหกิจ", "เจ้าหน้าที่ความปลอดภัย", and "ศูนย์บริการความปลอดภัย".

On the right side of the page, there are several news articles with thumbnails and titles, such as "ขอเชิญเข้าร่วมหลักสูตรพัฒนาองค์ความรู้ด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานปี พ.ศ. ๒๕๕๘ - ๒๕๕๙" and "ขอเชิญสถานประกอบการในเขตกรุงเทพมหานครและปริมณฑล...".





# OSH Injuries Report

## ➤ Workmen's Compensation Act B.E. 2537 (A.D1994)

### Article 48

In the case where the employee suffers from injuries, sickness or disappearance, the employer shall notify the suffering from injury, sickness, or disappearance to the Office in a locality where the employee works, or at the residence of the employer according to the *form* within 15 days as from the date on which the employer has been known of the loss suffering from injury, sickness or disappearance of the employee.







## OSH Injuries Report (Cont.)

### ➤ Occupational Safety, Health and Environment Act, B.E. 2554 (A.D. 2011)

**Section 34** Whereas any establishment has severe incident or an employee encounters danger from work, an employer shall perform as follows:

1. Whereas an Employee encounters **danger or illness in according to the Compensation Law** After Employer report to Social security office in according to such law, and submit a copy of the report to the safety inspector within **7 days**



## OSH Injuries Report (Cont.)

**2. Death and Establishment damage or has to stop production process** Shall report a Safety Inspector immediately (by telephone, facsimile, or any other) and Report details and cause in writing within **7 days** with the Form when the Safety inspector was informed, the inspection and hazard preventive measures shall be carried out without delay.





# OSH Injuries Report (Cont.)

แบบ สปร. ๕

แบบแจ้งการเกิดอุบัติเหตุร้ายแรง หรือการประสบอันตรายจากการทำงาน  
ตามมาตรา ๓๔(๑) และ (๒) แห่งพระราชบัญญัติความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน พ.ศ. ๒๕๕๔

(๑) ชื่อสถานประกอบการ \_\_\_\_\_  
เลขทะเบียนการค้า \_\_\_\_\_ ประเภทกิจการ \_\_\_\_\_  
ที่ตั้งเลขที่ \_\_\_\_\_ หมู่ที่ \_\_\_\_\_ ตรอก/ซอย \_\_\_\_\_ ถนน \_\_\_\_\_  
ตำบล/แขวง \_\_\_\_\_ อำเภอ/เขต \_\_\_\_\_ จังหวัด \_\_\_\_\_  
รหัสไปรษณีย์ \_\_\_\_\_ โทรศัพท์ \_\_\_\_\_ โทรสาร \_\_\_\_\_  
จำนวนลูกจ้างทั้งหมด \_\_\_\_\_ คน (ชาย \_\_\_\_\_ คน หญิง \_\_\_\_\_ คน)

(๒) ความเสียหายจากการเกิดอุบัติเหตุร้ายแรง หรือการประสบอันตรายจากการทำงาน  
 เสียชีวิต จำนวน \_\_\_\_\_ ราย ตามบัญชีแนบท้าย (ระบุชื่อ-สกุล อายุ เพศ ตำแหน่ง)  
 บาดเจ็บ/เจ็บป่วย จำนวน \_\_\_\_\_ ราย ตามบัญชีแนบท้าย (ระบุชื่อ-สกุล อายุ เพศ ตำแหน่ง)  
 ทรัพย์สินเสียหาย จำนวน \_\_\_\_\_ บาท  
 มีการหยุดการผลิตร

(๓) สถานที่เกิดเหตุ \_\_\_\_\_  
วัน/เดือน/ปี ที่เกิดเหตุ \_\_\_\_\_ เวลา \_\_\_\_\_ น.

(๔) สาเหตุของการเกิดอุบัติเหตุร้ายแรง หรือการประสบอันตรายจากการทำงาน \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(๕) การดำเนินการแก้ไขและป้องกันการเกิดซ้ำ กรณีเกิดเหตุตามมาตรา ๓๔ (๒) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ข้าพเจ้าขอรับรองว่า ข้อความข้างต้นเป็นจริงทุกประการ

(ลงชื่อ) \_\_\_\_\_ นายจ้าง/ผู้รับมอบอำนาจ  
( \_\_\_\_\_ )  
ตำแหน่ง \_\_\_\_\_  
วันที่ \_\_\_\_\_ เดือน \_\_\_\_\_ พ.ศ. \_\_\_\_\_





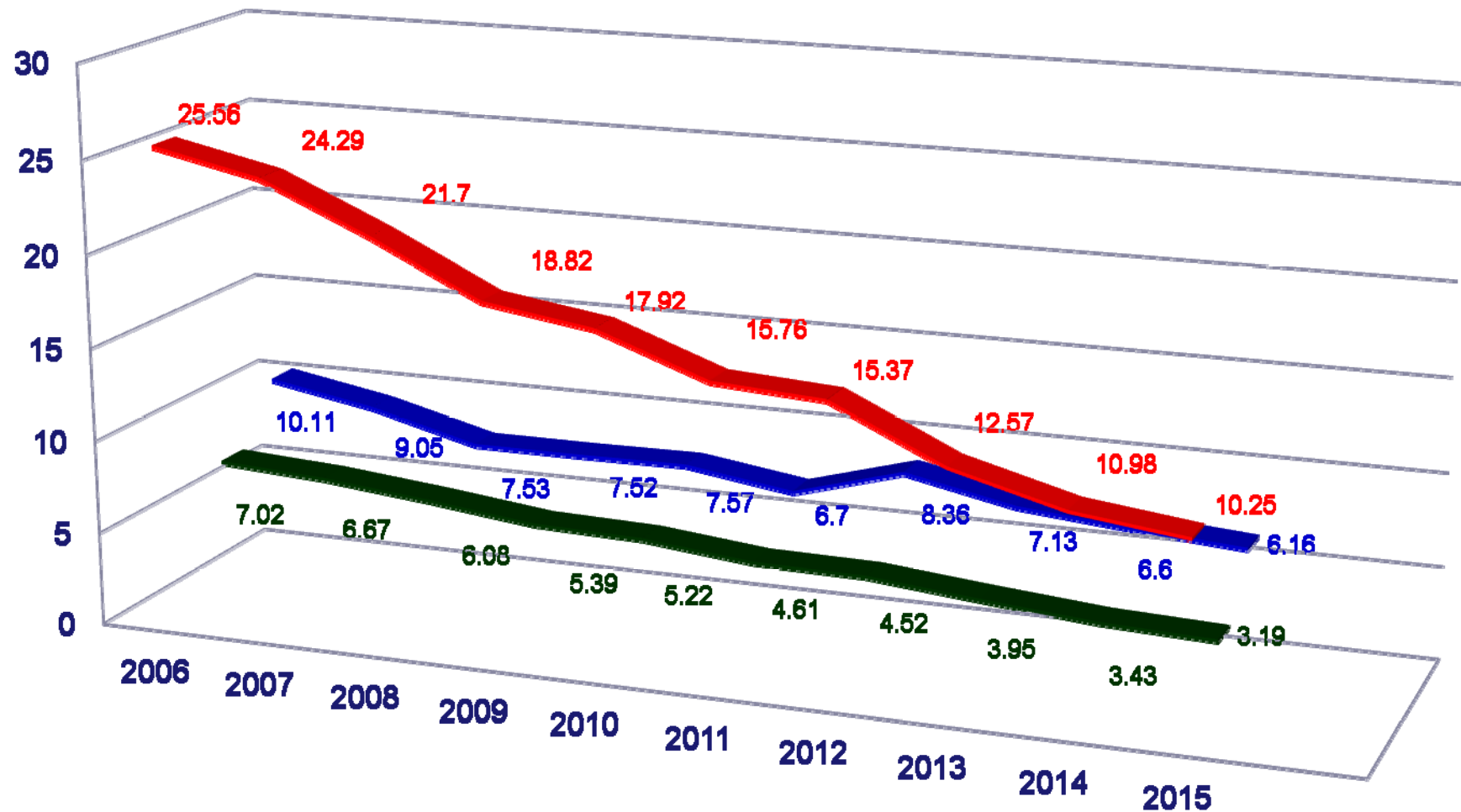
## Occupational injuries Trend

<b>Year</b>	<b>All Cases (per 1,000 workers)</b>	<b>Severe Cases (per 1,000 workers)</b>	<b>Deaths (per 100,000 workers)</b>
<b>2006</b>	25.56	7.02	10.11
<b>2007</b>	24.29	6.67	9.05
<b>2008</b>	21.70	6.08	7.53
<b>2009</b>	18.82	5.40	7.52
<b>2010</b>	17.92	5.22	7.57
<b>2011</b>	15.76	4.61	6.70
<b>2012</b>	15.37	4.52	4.41
<b>2013</b>	12.57	3.95	7.13
<b>2014</b>	10.98	3.43	6.60
<b>2015</b>	10.25	3.19	6.16





# Occupational injuries Trend



■ All Cases (per 1,000 workers)

■ Severe Cases (per 1,000 workers)

■ Deaths (per 100,000 workers)



# Highest Work-related accidents

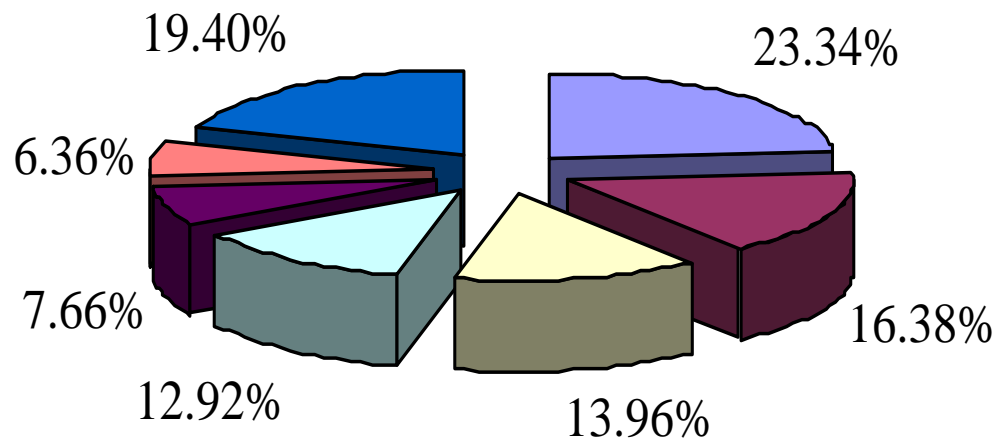


- 1) Construction
- 2) Food and beverage industry
- 3) Electronic and vehicle industry



# Occupational Illnesses

## Causes of work-related



- cut or stabbed
- collapse or felt on top
- hit or crashed
- splashed into eyes
- pinched or pulled
- fall height
- other causes





# Enforces OSH compliance

## Occupational Safety, Health and Environment Act A.D. 2011

Chapter 1      General Provisions

Chapter 2      Administration, Management and Operation on  
Occupational Safety, Health and Environment

Chapter 3      Occupational Safety, Health and Environment Committee

Chapter 4      Control, Supervision and Administration

Chapter 5      Safety Inspector

Chapter 6      Occupational Safety, Health and Environment Fund

Chapter 7      Occupational Safety, Health and Environment Promotion  
Institute

Chapter 8      Penalty Provisions



# Enforces OSH compliance

## Ministerial Regulations

1. Confined space
2. Ionizing radiation
3. Health check up to labour inspectors
4. Diving work
5. Heat, light and noise
6. Administration and management of Occupational safety, health and environment
7. Construction



# Enforces OSH compliance

## Ministerial Regulations

8. Machinery, Crane and boiler
9. Occupational safety, health and environment No.2
10. Fire Prevention and control
11. Training agencies on basic fire fighting
12. Hazard chemical
13. Electricity



# Safety Inspectors



In 2015, the safety inspectors are **632** throughout the country

Inspection **344,034** establishments



# OSH Activities or events

- ❖ 10 May National Safety Day
- ❖ National Safety Week
- ❖ Contest on Workplaces of Excellence in OSH,
- ❖ Zero Accident Campaign
- ❖ Contest on Safety School







# OSH Activities or events

- ❖ 90 days to reduce Accident from work Campaign
- ❖ Deposited the instrument of ratification of ILO Convention No. 187 concerning the Promotional Framework for Occupational Safety and Health 2006
- ❖ Safety Thailand Campaign (Construction, Chemical, Fire)
- ❖ Another campaign





**SAWASDEE**  
**Thailand**



**Improvement of Policy on Occupational Safety and Health  
- From Policy Development to Implementation Measures”  
(JFY 2016)**

## **Country Report - Thailand**

MISS UMAPORN KRONGSAKULSUK  
Labour Specialist Professional Officer  
Occupational Safety and Health Bureau  
Department of Labour Protection and Welfare  
Ministry of Labour  
Thailand

I am a Labour Specialist Professional Officer, working for the Occupational Safety and Health Bureau (OSH Bureau), Department of Labour Protection and Welfare (DLPW), Ministry of Labour (MOL), Thailand. I have worked as a Labour and Occupational Safety and Health Inspector at DLPW for twelve years since I got my graduate degree in 2004.

The OSH Bureau is under the Department of Labour Protection and Welfare (DLPW), Ministry of Labour (MOL), Thailand shown in *Figure 1*. The vision of the OSH Bureau is “Safe and Healthy Workforce” which is also the National Agenda of Thailand. To be able to achieve such vision, the OSH Bureau commits on 4 mission statements: 1) Development of Occupational Safety, Health and Environment standards in compliance with international OSH standards; 2) Promotion, Development and Supervision of Occupational Safety, Health and Environment; 3) Development and Reinforcement of Occupational Safety, Health and Environment network; and 4) Promotion and Development of Occupational Safety and Health Management System (OSHMS). The OSH Bureau comprise of a center office at Bangkok, and 12 OSH district centers, shown in *Figure 2 and Figure 3*.

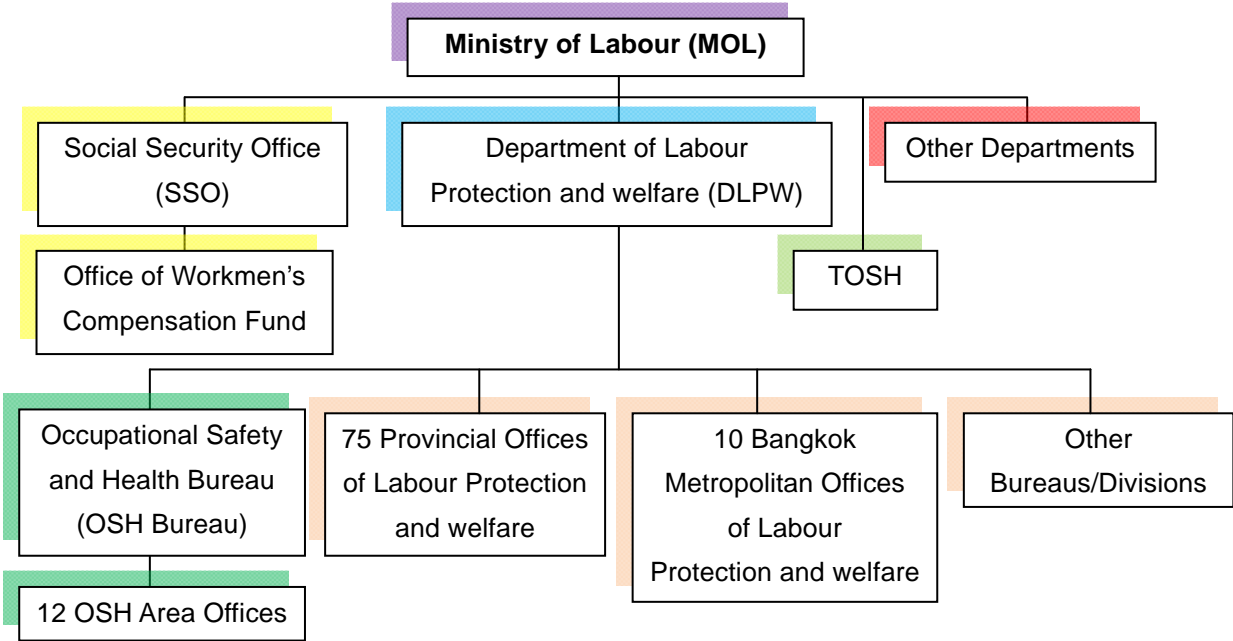


Figure 1 Organization Chart of Ministry of Labour

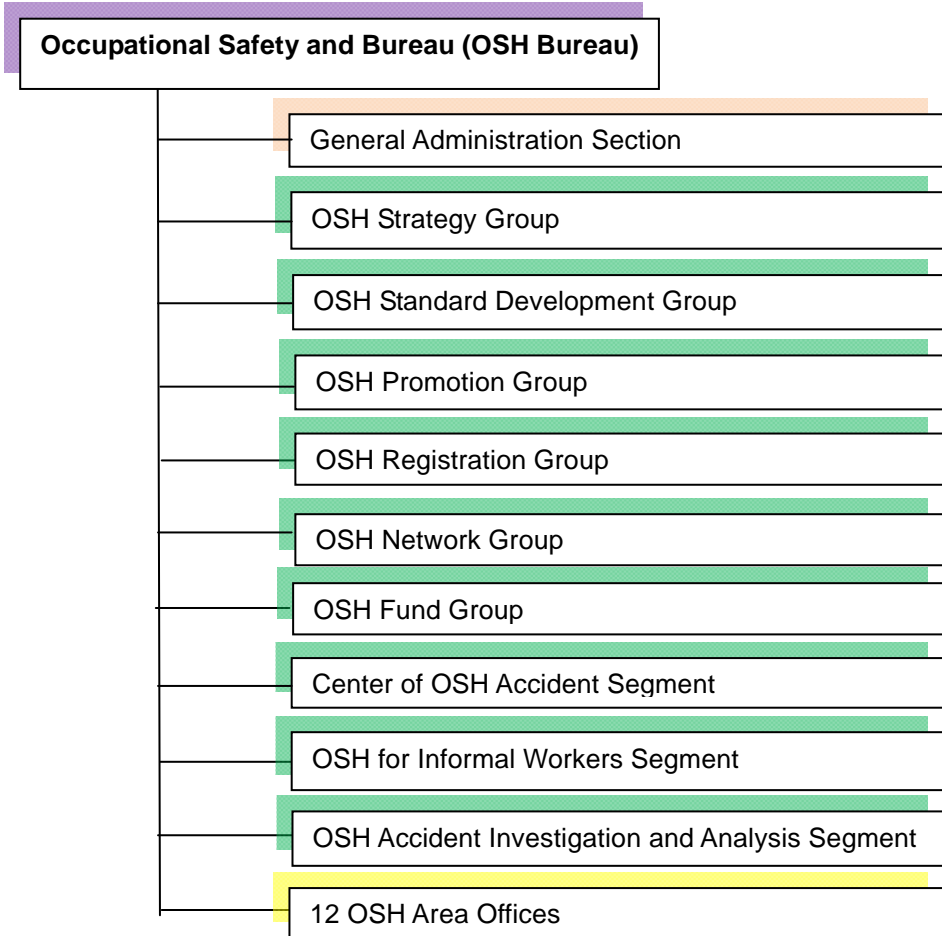
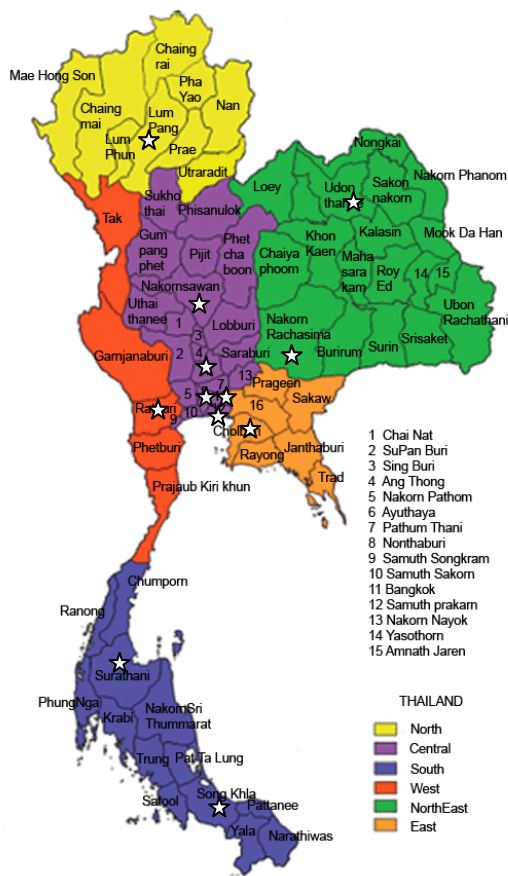


Figure 2 Organization Chart of Occupational Safety and Health Bureau

12 OSH Area Centers



- ❖ Area 1 (Ayutthaya)
- ❖ Area 2 (Chonburi)
- ❖ Area 3 (Nakhon Ratchasima)
- ❖ Area 4 (Udon Thani)
- ❖ Area 5 (Lampang)
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- ❖ Area 7 (Ratchaburi)
- ❖ Area 8 (Surat Thani)
- ❖ Area 9 (Songkhla)
- ❖ Area 10 (Samut Prakarn)
- ❖ Area 11 (Thaling-chan)
- ❖ Area 12 (Lad Krabang)

Figure 3 Locations of Regional Offices of OSH Bureau

The first time my position was appointed at the OSH strategy group of OSH Bureau, responsible for preparing the policy on “Decent Safety and Health for Workers” as the 2<sup>nd</sup> National Agenda 2017 – 2026 and the 2<sup>nd</sup> National Master Plan on Occupational Safety, Health and Environment 2017 – 2021.

At the present, my position was appointed at the OSH Accident Investigation and Analysis Segment of OSH Bureau, responsible for investigation, analysis and reporting OSH accident, collecting and recording OSH statistic, supporting the technical, promotion, development and supervision OSH, and preparing the guidelines on OSH.

## Country Report Thailand

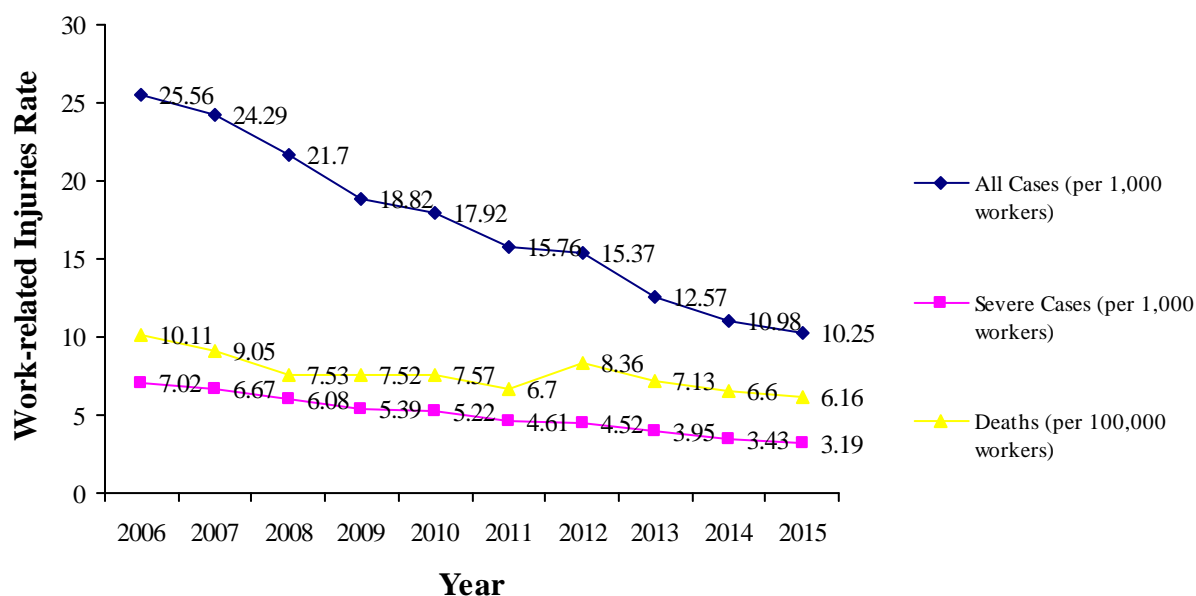
In Thailand, information on work-related injuries and illness are collected from filling for compensation from workmen's compensation funds of employees. The Workmen's compensation fund is managed by the Workmen Compensation Office (WCO), under the Social Security Office (SSO), Ministry of Labour. Under the Workmen's Compensation Fund Act B.E. 2537 (A.D1994), all employers with one worker or more must contribute to the workmen's compensation funds at the rate of 0.2 - 1.0 percent of yearly wage, and the contribution scheme depends on work risks (types of industries) and the incidences of work-related injuries and illnesses from the previous year. The WCO not only compiles information on work-related injuries and illnesses, but also does summarize and report the statistics on work-related injuries and illnesses annually to the public. The comparison of work-related injuries and illnesses during 2006 – 2015 reveals the trends of injuries. Detail statistics are show in Table 1.

**Table 1** Work-related Injuries Statistics, between 2006 – 2015, Thailand

Year	All Cases (per 1,000 workers)	Severe Cases (per 1,000 workers)	Deaths (per 100,000 workers)
2006	25.56	7.02	10.11
2007	24.29	6.67	9.05
2008	21.70	6.08	7.53
2009	18.82	5.39	7.52
2010	17.92	5.22	7.57
2011	15.76	4.61	6.70
2012	15.37	4.52	8.36
2013	12.57	3.95	7.13
2014	10.98	3.43	6.60
2015	10.25	3.19	6.16

Adapted from Workmen Compensation Fund Office, Social Security Office, 2006 – 2015

## Work-related Injuries

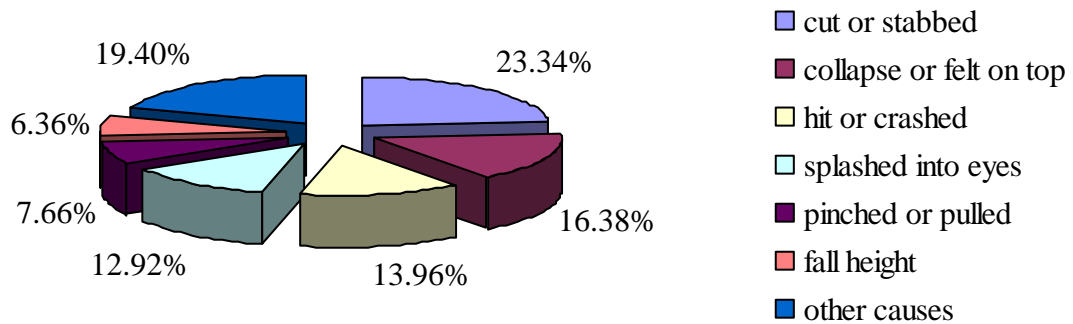


**Figure 4** Trend graphs of work-related injury rates, Thailand

Figure 4 indicates that during 2006 – 2015, work-related injury rates per 1,000 workers for all cases and for severe case reduce significantly. In the mean time, work-related death rates trended to reduce but slightly increased in 2012, with decreasing trend afterwards.

In 2015, the top three sectors present with highest work-related accidents are 1) construction; 2) food and beverage industry, and 3) electronic and vehicle industry. On the other hand, the majority of workers are exposing to cut or stabbed, collapse or felt on top, hit or crashed, splashed into eyes, pinched or pulled, fall height, and other causes, respectively, shown in Figure 5.

## Causes of work-related



**Figure 5** Causes of work-related, Thailand, 2015  
 (Source: Workmen Compensation Fund Office, Thailand, 2015)

Thailand enforces OSH compliance for all employees and all employers through the Occupational Safety, Health and Environment Act A.D. 2011, which became effective since July 16<sup>th</sup>, 2011 and serves as a model on which other OSH related laws and regulations are based. The main points of the OSH Act, 2011 are composed of 8 chapters, as follows:

Chapter 1 General Provisions

Chapter 2 Administration, Management and Operation on Occupational Safety, Health and Environment

Chapter 3 Occupational Safety, Health and Environment Committee

Chapter 4 Control, Supervision and Administration

Chapter 5 Safety Inspector

Chapter 6 Occupational Safety, Health and Environment Fund

Chapter 7 Occupational Safety, Health and Environment Promotion Institute

Chapter 8 Penalty Provisions



## Country Report Thailand

In addition, the Ministerial Regulations are still effective under the transitional provision of the OSH Act, 2011 and a series of new Ministerial Regulations issued under the OSH Act, 2011, as follows:

(1) Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and work environment in confined space, A.D.2004

(2) Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and work environment in relation to ionizing radiation, A.D.2004

(3) Ministerial Regulation, Ministry of Labour, on the prescribing of criteria and method of conducting health check up of employees and forwarding the results of health check up to labour inspectors, A.D.2004

(4) Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and environment in relation to diving work, A.D.2005

(5) Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and environment in relation to heat, light and noise, A.D.2006

(6) Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and environment, A.D.2006

(7) Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and environment in relation to construction work, A.D.2008

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(8) Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and environment in relation to machinery, crane and boiler, A.D.2009

(9) Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and environment (No.2), A.D.2010

(10) Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and environment in relation to fire prevention and control, A.D. 2012

(11) Ministerial Regulation, Ministry of Labour, on the prescribing of standard and criteria for training agencies on basic fire fighting, and on fire drills and evacuation, A.D.2012

(12) Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and environment in relation to hazard chemical, A.D.2013

(13) Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and environment in relation to electricity, A.D.2015

Under the OSH Act, 2011 and Ministerial Regulations, Safety Inspectors shall be appointed to be authorize for conducting, entering and inspecting the workplace, inquiring the facts or investigating, and shall be check establishments, employers, employees, and the related document. The safety Inspectors are government officers affiliated with DLPW, with incurring appropriate qualifications such as academic background, or experienced and trained in accordance with the criteria announced by DLPW. In 2015, the safety

## Country Report Thailand

inspectors are 632 throughout the country (*Source: National Profile on Occupational Safety and Health of Thailand, 2015*). In performing, his or her shall be inspection 344,034 establishments of Thailand (*Source: Labour Standard Development Bureau, DLPW, Thailand, 2015*) complied with the OSH laws and regulations.

Since 2010 the Ministerial Regulation, Ministry of Labour, on the prescribing of standard for administration and management of occupational safety, health and environment (No.2), A.D.2010, the OSHMS also plays a very important in Thailand establishment with 50 employees or more to implement OSHMS comprises of 5 elements: 1) OSH policy; 2) OSH management organization; 3) OSH implementation plan; 4) evaluation and review of the plan; and 5) continual improvement of OSHMS elements.

The variety of OSH campaign and promotions activities or events of Thailand have been considered a key success factor of OSH administration in Thailand, which summarized: 10 May National Safety Day, National Safety Week, Contest on Workplaces of Excellence in OSH, Zero Accident Campaign, Contest on Safety School, 90 days to reduce Accident from work Campaign, deposited the instrument of ratification of ILO Convention No. 187 concerning the Promotional Framework for Occupational Safety and Health 2006, Safety Thailand Campaign and another Campaign, etc..

The obstacles in promoting in Thailand, as follows: The higher incidence of work-related injuries and illnesses in Small and Medium Enterprise (SMEs), informal sector, and Migrant workers, because the lack of OSHMS in SMEs, the OSH Laws is not covered informal sector, and the lack of OSHMS, knowledge, and communication for Migrant workers. The OSH Bureau has put efforts on

## Country Report Thailand

overcoming such problems by developing of guidelines, conducting programs and campaigning of OSH in Small and Medium Enterprise (SMEs), informal workers, and Migrant workers. The most effective and sustainable solution for instilling OSH in Small and Medium Enterprise (SMEs), informal workers, and Migrant workers, is through “Safety Culture” and the Policy on “Decent Safety and Health for Workers” as a National Agenda for the public in general, regarding of age, regions, and working sectors.

