

Annual Report of Labor Inspection Statistics in 2019

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State of Labor Inspection Implementation in 2019

I. Labor situation

Based on the 2016 Industry, Commerce and Service Census of the Directorate General of Budget, Accounting and Statistics, Executive Yuan, in accordance with data on the total number of profit-seeking enterprises registered with the Ministry of Finance, there is currently a total of 906,436 registered business enterprises in Taiwan.

The total of 906,436 enterprises registered as hiring workers under the Labor Standards Act employed more than 8.778 million workers, of which 201,287 enterprises were in Taiwan Province, and accounted for 22.206% of the total; 160,804 enterprises were in New Taipei City, and accounted for 17.740% of the total; 159,723 enterprises were in Taipei City, and accounted for 17.620% of the total; 76,762 enterprises were in Taoyuan City, and accounted for 8.468% of the total; 140,647 enterprises were in Taichung City, and accounted for 15.516% of the total; 63,435 enterprises were in Tainan City, and accounted for 6.998% of the total, and 103,778 enterprises were in Kaohsiung City, and accounted for 11.449% of the total (Hsinchu Science Park, Central Taiwan Science Park, Southern Taiwan Science Park, and Export Processing Zones in Taichung, Chungkang, Pingtung, Kaohsiung and Nanzi were included with Taiwan Province and municipalities directly under the central government.

Broken down by industry type, 2,694 enterprises were in the chief industries subject to the Occupational Safety and Health Act, which comprised agriculture, forestry, fishing, and animal husbandry, 267 enterprises comprised mining and quarrying sector, 135,457 enterprises comprised manufacturing, 1,164 enterprises comprised electricity and gas supply sector, 4,380 enterprises comprised water supply & remediation activities sector, 96,989 enterprises comprised construction sector, and 18,661 enterprises comprised transportation and storage sector.

II. State of labor inspection implementation

1. Total number of inspections

Labor inspection implementation approaches included working condition case inspections, occupational health and safety case inspections, cross-checking, appeal and petitionary case inspections, occupational accident case inspections, and general inspections (simultaneously inspecting both working conditions and occupational health and safety facilities).

A total of 40,466 inspections of working conditions were conducted in 2019, and these inspections uncovered 7,323 violations; the penalty rate was 18.10%, and fines totaled NT\$426,300,000.

Of the total of 40,466 inspections of working conditions, 9,005 inspections took place in Taipei City, and these inspections uncovered 1,880 violations; 5,068 inspections took place in New Taipei City, and these inspections uncovered 1,325 violations; 4,315 inspections took place in Taoyuan City, and these inspections uncovered 938 violations; 2,953 inspections took place in Taichung City, and these inspections uncovered 700 violations; 3,076 inspections took place in Tainan City, and these inspections uncovered 518 violations; 3,204 inspections took place in Kaohsiung City, and these inspections uncovered 1,065 violations; 714 inspections took place in Yilan County, and these inspections uncovered 37 violations; 920 inspections took place in Hsinchu County, and these inspections uncovered 58 violations; 895 inspections took place in Miaoli County, and these inspections uncovered 31 violations; 846 inspections took place in Changhua County, and these inspections uncovered 187 violations; 296 inspections took place in Nantou County, and these inspections uncovered 36 violations; 743 inspections took place in Yunlin County, and these inspections uncovered 40 violations; 577 inspections took place in Chiayi County, and these inspections uncovered 18 violations; 1,270 inspections took place in Pingtung County, and these inspections uncovered 120 violations; 156 inspections took place in Taitung County, and these inspections uncovered 67 violations; 225 inspections took place in Hualien County, and these inspections uncovered 23 violations; 290 inspections took place in Penghu County, and these inspections uncovered 18 violations; 797 inspections took place in Keelung City, and these inspections uncovered 81 violations; 697 inspections took place in Hsinchu City, and these inspections uncovered 16 violations; 909 inspections took place in Chiayi City, and these inspections uncovered 13 violations; 108 inspections took place in Kinmen County, and these inspections uncovered 11 violations; 68 inspections took place in Lianjiang County, and these inspections uncovered 1 violations; 250 inspections took place in Export Processing Zone, and these inspections uncovered 42 violations; 153 inspections took place in Hsinchu Science Park, and these inspections uncovered 67 violations; 66 inspections took place in Central Taiwan Science Park, and these inspections uncovered 16 violations; 91 inspections took place in Southern Taiwan Science Park, and these inspections uncovered 15 violations; The Occupational Safety and Health Center in northern Taiwan conducted 813

inspections, of which 0 inspections were referred to the competent authority; the Occupational Safety and Health Center in central Taiwan conducted 841 inspections, of which 0 inspections were referred to the competent authority and the Occupational Safety and Health Center in southern Taiwan conducted 1,120 inspections, of which 0 inspections were referred to the competent authority.

In 2019, inspection organizations conducted 125,798 occupational health and safety inspections of enterprises, 32,127 jack-up elevator inspections (including 28,849 periodic inspections conducted on behalf of inspection organizations), 6,944 boiler inspections (including 5,763 periodic inspections conducted on behalf of inspection organizations); 30,247 pressure vessel inspections (including 26,672 periodic inspections conducted on behalf of inspection organizations); 32,541 specific equipment for high pressure gases inspections (including 28,737 periodic inspections conducted on behalf of inspection organizations) and 4,222 high pressure gas vessel inspections (including 4,078 periodic inspections conducted on behalf of inspection organizations). In the case of mining, the scope of inspection scope included all coal mines, and 638 inspections focusing on pit safety inspection were conducted; 17 working condition inspections and 94 sanitation inspections were also implemented during 2019.

2. Situation of enterprises receiving inspections

A total of 118,340 units (companies) were inspected in 2019: the 20,839 enterprises in Taipei City that were inspected accounted for 17.61% of the total; 15,406 enterprises in Kaohsiung City for 13.02%; 12,453 enterprises in New Taipei City for 10.52%; 11,685 enterprises in Taoyuan City for 9.87% and 7,175 enterprises in Taichung City for 6.06%.

By type of industry, the 39,503 enterprises in the construction sector accounted for 33.38% of the total, followed by the 32,324 enterprises in the manufacturing for 27.31%, and the 12,331 enterprises in the wholesale and retail trade sector for 10.42% and 5,847 enterprises in the transportation and storage sector for 4.94%.

(1) Labor standards inspections:

Labor standards inspections chiefly examined the key items of working hours, wages, recess and holidays, protection for female workers, child workers, and apprentices, compensation for occupational accidents, work rules, employment service, labor insurance, and labor welfare matters.

- a. A total of 40,466 working condition inspections were conducted in 2019 (including 37,693 preliminary investigations and 2,773 reexaminations), of which preliminary investigations accounted for 93.15%, and the reexamination ratio was 6.85%, the reexamination rate was 7.36%, and the enterprise spot check rate was 4.46%; of these inspections, 2,774 were conducted by this Administration's three regional centers. The 250 inspections were conducted in export processing zone; 153 inspections were conducted in Hsinchu Science Park; 66 inspections were conducted in Central Taiwan Science Park and 91 inspections were conducted in Southern Taiwan Science Park.
- b. Of the total of 40,466 working condition inspections, 10,805 uncovered violations of laws and regulations, a total of 14,507 violations were found. And 14,419 of these constituted violations of the Labor Standards Act; 25 of these constituted violations of the Employment Service Act; 3 of these constituted violations of the Employment Service Act; 34 of these constituted violations of the Employee Welfare Fund Act; 10 of these constituted violations of the Labor Insurance Act and 16 of these constituted violations of the Labor Inspection Act.
- c. In analysis by industry, the 105 inspections of agriculture, forestry, fishing, and animal husbandry enterprises uncovered 44 violations in 35 cases; 17 inspections of mining and quarrying sector uncovered 5 violations in 5 cases; 7,827 inspections of manufacturing uncovered 2,615 violations in 2,136 cases; 104 inspections of electricity and gas supply sector uncovered 32 violations in 22 cases; 172 inspections of water supply & remediation activities uncovered 78 violations in 56 cases; 1,579 inspections of construction sector uncovered 688 violations in 570 cases; 7,087 inspections of wholesale and retail trade sector uncovered 3103 violations in 2357 cases; 4,112 inspections of transportation and storage sector uncovered 1,121 violations in 748 cases 4,606 inspections of accommodation and food service activities uncovered 2,064 violations in 1,354 cases; 1,044 inspections of information and communication uncovered 471 violations in 361 cases; 957 inspections of financial and insurance activities uncovered 224 violations in 167 cases; 547 inspections of real estate activities

uncovered 237 violations in 169 cases; 1,251 inspections of professional, scientific and technical activities uncovered 603 violations in 440 cases; 2,704 inspections of support service activities uncovered 1,224 violations in 858 cases; 115 inspections of public administration and defence; compulsory social security uncovered 16 violations in 14 cases; 1,741 inspections of education uncovered 353 violations in 335 cases; 4,068 inspections of human health and social work activities uncovered 789 violations in 587 cases; 1,034 inspections of arts, entertainment and recreation activities uncovered 220 violations in 168 cases and 1,396 inspections of other service activities uncovered 620 violations in 423 cases.

- d. In analysis by region, the 9,005 inspections in Taipei City uncovered 4,082 violations; the 5,068 inspections in New Taipei City uncovered 2,729 violations; 4,315 inspections in Taoyuan City uncovered 1,406 violations; 2,953 inspections in Taichung City uncovered 1,152 violations; 3,076 inspections in Tainan City uncovered 707 violations; 3,204 inspections in Kaohsiung City uncovered 1,842 violations; 714 inspections in Yilan County uncovered 102 violations; 920 inspections in Hsinchu County uncovered 81 violations; 895 inspections in Miaoli County uncovered 97 violations; 846 inspections in Changhua County uncovered 244 violations; 296 inspections in Nantou County uncovered 59 violations; 743 inspections in Yunlin County uncovered 46 violations; 577 inspections in Chiayi County uncovered 19 violations; 1,270 inspections in Pingtung County uncovered 171 violations; 156 inspections in Taitung County uncovered 83 violations; 225 inspections in Hualien County uncovered 41 violations; 290 inspections in Penghu County uncovered 34 violations; 797 inspections in Keelung City uncovered 174 violations; 697 inspections in Hsinchu City uncovered 122 violations; 909 inspections in Chiayi City uncovered 124 violations; 108 inspections in Kinmen County uncovered 16 violations; 68 inspections in Lianjiang County uncovered 8 violations; 250 inspections in Export Processing Zone uncovered 51 violations; 153 inspections in Hsinchu Science Park uncovered 79 violations; 66 inspections in Central Taiwan Science Park uncovered 21 violations and 91 inspections in Southern Taiwan Science Park uncovered 29 violations.

- e. With regard to violations of the Labor Standards Act, violations of overtime wage regulations in Article 24 numbered 2,954, making them the most numerous type of violation, and accounted for 20.36% of the total; followed by violations of regular working time in Article 30 numbered 2,095, and accounted for 16.25% of the total; violations of extension of working hours in Article 32 numbered 1,848, and accounted for 14.34% of the total, and violations of failing to arrange the rest for the worker for one day after working for every seven days as per the provisions in Article 36 numbered 1,560, and accounted for 10.75% of the total.
- f. Of the 37,693 preliminary investigations conducted in working condition inspection cases, inspection uncovered discovered a total of 13,988 violations of laws and regulations. And 13,908 of these constituted violations of the Labor Standards Act, 23 of these constituted violations of the Employment Service Act, 3 of these constituted violations of the Employee Welfare Fund Act, 31 of these constituted violations of the Labor Insurance Act, 9 of these constituted violations of the Labor Pension Act, and 14 of these constituted violations of the Labor Inspection Act.
- g. Among failing items constituting violations of the Labor Standards Act found in preliminary investigations, 4,136 inspections (10.97%) found 4,945 violations wage-related matters in Articles 21 through 28, which was the most numerous type of violation. Followed by 2,987 inspections (7.92%) found 3,208 violations matters regarding hours of work in Articles 30 through 34; 2,673 inspections (7.09%) found 3,197 violations matters regarding hours of work in Articles 35 through 43; 2,145 inspections (5.69%) found 2,146 violations matters regarding hours of work in Articles 74 and 83.
- h. A total of 2,773 enterprises received reexaminations in working condition inspection cases, and these inspections uncovered 519 cases in which substandard working condition constituting violations of laws and regulations. And 511 of these constituted violations of the Labor Standards Act, 2 of these constituted violations of the Employment Service Act, 0 of these constituted violations of the Employee Welfare Fund Act, 3 of these constituted violations of the Labor Insurance Act, 1 of

these constituted violations of the Labor Pension Act, and 2 of these constituted violations of the Labor Inspection Act.

- i. As for failing matters constituting violations of the Labor Standards Act found in reexaminations, 147 reexaminations (5.30%) found 177 wage-related violations of Articles 21 through 28, which was the most numerous type of violation. Followed by 133 reexaminations (4.80%) found 149 violations of the matters regarding hours of work of Articles 30 through 34, 116 reexaminations (4.18%) found 136 violations of the matters regarding hours of work of Articles 35 through 43.
 - j. A total of 11,614 enterprises received working condition appeal inspections, in which 9,218 violations of laws and regulations were uncovered, and 9,195 of these constituted violations of the Labor Standards Act.; 15 of these constituted violations of the Employment Service Act, 2 of these constituted violations of the Employee Welfare Fund Act, 1 of these constituted violations of the Labor Insurance Act, 0 of these constituted violations of the Labor Pension Act and 5 of these constituted violations of the Labor Inspection Act.
 - k. Among failing matters constituting violations of the Labor Standards Act uncovered in appeal case inspections, 3,299 inspections (28.41%) uncovered 3,972 violations of Articles 21 through 28 of the Act, which constituted the most numerous type of violation, followed by 2,285 inspections (19.67%) uncovered 2,435 violations of Articles 30 through 34 of the Act, and 2,011 inspections (17.32%) uncovered 2,437 violations of Articles 35 through 43 of the Act.
- (2) Occupational health and safety inspections results:
- a. A total of 125,798 occupational health and safety inspections of enterprises were conducted in 2019 (including 100,284 preliminary investigations and 25,514 reexaminations), of which the preliminary investigations ratio was 79.72%, the reexamination ratio was 20.28%, and the reexamination rate was 25.44%. Among these inspections, 53,393 were conducted by this Administration's three regional centers (45,587 preliminary investigations and 7,806 reexaminations); 21,853 were conducted by Taipei City Labor Inspection Office (13,324 preliminary investigations and 8,529 reexaminations); 7,432 were conducted by Office of Labor Inspection, Taoyuan (6,210 preliminary investigations and 1,222 reexaminations); 8,109

were conducted by Taichung City Labor Inspection Office (6,839 preliminary investigations and 1,270 reexaminations); 3,507 were conducted by Occupational Safety and Health Department, Labor Affairs Bureau of Tainan City Government (3,098 preliminary investigations and 409 reexaminations); 20,078 were conducted by Labor Standards Inspection Office, Labor Affairs Bureau, Kaohsiung City Government (15,999 preliminary investigations and 4,079 reexaminations); 1,402 were conducted by export processing zone (1,126 preliminary investigations and 276 reexaminations); 983 were conducted by Hsinchu Science Park (730 preliminary investigations and 253 reexaminations); 555 were conducted by Central Taiwan Science Park (485 preliminary investigations and 70 reexaminations); 411 were conducted by Southern Taiwan Science Park (339 preliminary investigations and 72 reexaminations)

- b. A total of 100,284 enterprises received preliminary investigations in occupational health and safety inspection cases, and a total of 120,071 violations of laws and regulations were uncovered in these inspections, of which the 55,995 violations of article 6 of the Occupational Safety and Health Act found in 27,897 inspections accounted for 27.82% of the total and for the most numerous type of violation; followed by the 30,461 violations of Paragraph 1, Article 23 of the Occupational Safety and Health Act found in 22,245 inspections accounted for 22.18%; the 15,005 violations of Article 32 of the Occupational Safety and Health Act found in 12,351 inspections accounted for 12.32%; the 7,365 violations of Article 34 of the Occupational Safety and Health Act found in 7,359 inspections accounted for 7.34%; the 9,774 violations of Article 10 of the Occupational Safety and Health Act found in 6,865 inspections accounted for 6.85%; the 3,501 violations of Article 20 of the Occupational Safety and Health Act found in 3,221 inspections accounted for 3.21%; the 771 violations of Article 12 of the Occupational Safety and Health Act found in 712 inspections accounted for 0.71%; the 650 violations of Article 11 of the Occupational Safety and Health Act found in 645 inspections accounted for 0.64%.
- c. Among failing matters constituting violations of Article 6 of the Occupational Safety and Health Act found in preliminary

investigations, 19,011 instances of other deficiencies were found in 13,509 inspections (13.47%), and constituted the most numerous type of violation; a total of 6,844 deficiencies in physical and mental health protection measures of laborers were found in 4,806 inspections (4.79%), and constituted the second most numerous type of violation. Followed by a total of 4,360 deficiencies in safety facilities of electric apparatus were found in 3,774 inspections (3.76%); a total of 4,451 deficiencies in prevention of falling and falling objects accident were found in 3,749 inspections (3.74%); a total of 4,064 deficiencies in special machinery or equipment specified as dangerous were found in 3,392 inspections (3.38%); a total of 2,940 deficiencies in other hazard prevention equipment were found in 2,681 inspections (2.67%); a total of 2,708 deficiencies in safety equipment of general machine were found in 2,433 inspections (2.43%); a total of 1,432 deficiencies in labor protection were found in 1,403 inspections (1.40%); a total of 1,802 deficiencies in scaffold and working platform were found in 1,321 inspections (1.32%); a total of 1,210 deficiencies in safety equipment of jack-up elevator were found in 996 inspections (0.99%); a total of 1,009 deficiencies in safety equipment of boiler and pressure vessel (steam) were found in 897 inspections (0.89%); a total of 822 deficiencies in safety equipment against explosion, fire and corrosion prevention in hazardous areas were found in 749 inspections (0.75%); a total of 666 deficiencies in safety equipment of centrifugal separator, grinding machine, mixer and chaser mill were found in 646 inspections (0.64%); a total of 549 deficiencies in safety equipment of work machine and wood processing machine were found in 534 inspections (0.53%); a total of 345 deficiencies in strut were found in 306 inspections (0.31%).

- d. There were 25,514 reexaminations in enterprises occupational health and safety inspection cases, and of the 15,476 items for which enterprises had provided notification of improvement after failing preliminary investigations, reexamination found improvement had been made in 14,188 cases, for an improvement rate of 91.68%. Of these, in 2 cases in which notification of improvement was made, which consisted of a case of use of substandard tools and machinery in violation of Article 7 of the Occupational Safety and Health Act, and a case

of failing to perform registration on the information reporting website or affix safety labels; improvement was made in both of the 2 cases, for an improvement rate of 100.00%. In one case in which notification of improvement was made, which consisted of violation of qualification label or type certification is not issued by a certification body authorized by the central competent authority of Article 8 of the Occupational Safety and Health Act; improvement was made in both of the 2 cases, for an improvement rate of 100.00%. In one case in which notification of improvement was made, which consisted of violation of the employers shall hire personnel who have undergone approved training to operate of machinery or equipment designated as dangerous of Article 24 of the Occupational Safety and Health Act; improvement was made in this case, for an improvement rate of 100.00%. In 34 cases in which notification of improvement was made, which consisted of violation of business entities shall inform safety and health regulations of Article 26 of the Occupational Safety and Health Act; improvement was made in all 34 cases, for an improvement rate of 100.00%. In one case in which notification of improvement was made, which consisted of violation of persons under the age of 18 to perform the potentially dangerous or harmful work of Article 29 of the Occupational Safety and Health Act; improvement was made in this case, for an improvement rate of 100.00%. In 7 cases in which notification of improvement was made, which consisted of violation of female laborers who are still within their first postpartum year, the protective measures shall be adopted in accordance with the physician's suitability assessment recommendations of Article 31 of the Occupational Safety and Health Act; improvement was made in all 7 cases, for an improvement rate of 100.00%. Of the 26 cases of violations of Article 38 of the Occupational Safety and Health Act involving failure to report occupational accident statistics, improvements had been made in all 26 cases, for an improvement rate of 100.00%, which was the highest rate for any violation type. In 1,199 cases in which notification of improvement was made, which consisted of violation of working environment monitoring and labeled dangerous and harmful substances of Article 10 of the Occupational Safety and Health Act;

improvement was made in 1,155 cases, for an improvement rate of 96.33%. In 74 cases in which notification of improvement was made, which consisted of violation of the regulations regarding health management measures and the contents of the examination manuals and other binding matters to be complied with of Article 21 of the Occupational Safety and Health Act; improvement was made in 70 cases, for an improvement rate of 94.59%. In 131 cases in which notification of improvement was made, which consisted of violation of hazardous chemical substances, noise, Standards of vibration Permissible Exposure Limits and job site monitoring plan of Article 12 of the Occupational Safety and Health Act; improvement was made in 123 cases, for an improvement rate of 93.89%. In 15 cases in which notification of improvement was made, which consisted of violation of controlled chemicals of Article 14 of the Occupational Safety and Health Act; improvement was made in 14 cases, for an improvement rate of 93.33%. In 87 cases in which notification of improvement was made, which consisted of violation of employing or contracting medical personnel to conduct health management, occupational disease prevention, and health promotion of Article 22 of the Occupational Safety and Health Act; improvement was made in 79 cases, for an improvement rate of 90.80%. In 7,464 cases in which notification of improvement was made, which consisted of violation of Article 6 of the Occupational Safety and Health Act; improvement was made in 6,774 cases, for an improvement rate of 90.76%. In 537 cases in which notification of improvement was made, which consisted of violation of the original business entities shall institute the necessary measures when laborers work together of Article 27 of the Occupational Safety and Health Act; improvement was made in 476 cases, for an improvement rate of 88.64%.

The highest rate of improvement among the 9 subcategories in Article 6 of the Occupational Safety and Health Act was in the punching machine and cut-off machine safety equipment deficiency subcategory, in which improvements were found to have been made in all 4 of the cases where the enterprise reported improvement, or an improvement rate of the 52 cases of soil retaining deficiency violations, improvements had been

made in all 52 cases, for an improvement rate of 100.00%; of the 64 cases of strut deficiency violations, improvements had been made in all 64 cases, for an improvement rate of 100.00%; of the 6 cases of hazardous and deleterious substances deficiency violations, improvements had been made in all 6 cases, for an improvement rate of 100.00%; of the 15 cases of noise treatment and prevention deficiency violations, improvements had been made in all 15 cases, for an improvement rate of 100.00%; of the 7 cases of lighting deficiency violations, improvements had been made in all 7 cases, for an improvement rate of 100.00%; of the 3 cases of sanitation and toilet deficiency violations, improvements had been made in all 3 cases, for an improvement rate of 100.00%; of the 1 cases of drinking water deficiency violations, improvements had been made in all 1 cases, for an improvement rate of 100.00%; of the 2 cases of restaurant, kitchen and rest deficiency violations, improvements had been made in all 2 cases, for an improvement rate of 100.00%; of the 13 cases in which enterprises reported improvement of violations of Article 16 of the Occupational Safety and Health Act involving use of hazardous mechanical equipment without inspection or approval, improvements were found to have been made in 8 cases, which constituted an improvement rate of 61.54%, and was the lowest improvement rate. Of the 405 cases in which enterprises reported improvement of violations of Article 20 of the Occupational Safety and Health Act involving physical examinations and health examinations, improvements were found to have been made in 343 cases, which constituted an improvement rate of 84.69%, and was the second lowest improvement rate. Of the two items with the lowest improvement rate among the various subcategories in Article 6 of the Occupational Safety and Health Act, improvement was found to have been made in 36 of the 42 cases of work machine and wood processing machine safety equipment deficiency violations in which the enterprise reported improvement, which constituted the lowest improvement rate (85.71%), and improvement was found to have been made in 564 of the 650 cases of prevention of falling and falling objects accident deficiency cases in which notification of improvement had been performed, which constituted the second lowest improvement

rate (86.77%).

- (3) State of handling of workers' appeal and petition cases:
 - a. Workers' appeal cases numbered was 8,255 in 2019, and 6,785 of these constituted appeals concerning labor standards; 1,306 of these constituted appeals concerning Occupational Safety and Health; 26 of these constituted appeals concerning employment service; 206 of these constituted appeals concerning Employee Welfare Fund; 290 of these constituted appeals concerning Labor Insurance; 273 of these constituted appeals concerning comprehensive issues.
 - b. State of handling of inspection results:
Administrative fines were assessed under the Labor Standards Act in 4,362 cases, and judiciary investigation in 0 cases; administrative fines were assessed under the Occupational Safety and Health Act in 36 cases, partial work stoppage in 2 cases, full work stoppage in 0 cases, and judiciary investigation in 0 cases; Administrative fines were assessed under the Employment Service Act in 0 cases, and judiciary investigation in 0 cases; Administrative fines were assessed under others laws (Labor Insurance Act, Employee Welfare Fund Act and Labor Inspection Act) in 1 case; and judiciary investigation in 0 cases.
- (4) State of Labor standards inspections:
 - a. A total of 5,619 inspections were completed during 2019. Of these, working condition cases involving air transport and peripheral industry numbered 35; working condition cases involving railway transportation and mass rapid transit system transportation industry numbered 22; working condition cases involving trucking industry numbered 1,349; working condition cases involving sightseeing bus passenger transport industry numbered 233; working man-hour cases involving national highway passenger transport drivers numbered 30; working condition cases involving bus passenger transportation industry numbered 60; working condition cases involving public utilities numbered 30; working condition cases involving training student and some man-hours labors numbered 1,092; working condition cases involving human supply and composite support service industry numbered 144; working condition cases involving vulnerable working groups numbered 804; working condition cases involving financial service industry numbered 301; working condition cases involving post and

Telecommunication service industry numbered 18; working condition cases involving ads and marketing research industry numbered 32; working condition cases involving IC components manufacturing industry numbered 198; working condition cases involving security industry numbered 74; working condition cases involving cleaning service industry numbered 38; working condition cases involving commodity wholesale industry numbered 182; working condition cases involving kindergarten numbered 13; working condition cases involving medical institution numbered 150; working condition cases involving institutional organization industry of property management numbered 60; working condition cases involving social work services industry numbered 50 and working condition cases involving industries applicable to relaxed holiday policies as per Labor Standards Act numbered 704.

- b. A total of 1,939 violations of laws and regulations were uncovered in inspections of enterprises' working conditions, of which 1,865 constituted violations of the Labor Standards Act; 0 constituted violations of the Enforcement Rules of the Labor Standards Act; 2 constituted violations of the Act of Gender Equality in Employment; 40 constituted violations of the Labor Pension Act ; 0 constituted violations of the Employee Welfare Fund Act; 31 constituted violations of the Labor Insurance Act; 1 constituted violations of the Employment Insurance Act and 2 constituted violations of Labor Inspection Act.
 - c. State of handling of inspection results: there were of 1,342 violations; fines were assessed in 947 cases; judiciary investigation were assessed in 0 cases; the penalty rate was 23.88%.
- (5) Status of child workers and adolescents in Labor standards inspections:
- a. The case inspections completed in 2019 uncovered 63 violations of training student working conditions, and 1 violation of working conditions in industries applicable to relaxed holiday policies as per Labor Standards Act, for a total of 64 child and adolescent worker working condition violations; of these, 0 involved persons under the age of 15, 0 involved persons between the ages of 15 and 16, and 64 involved persons

between the ages of 16 and 18.

- b. A total of 9 violations of laws and regulations were found in enterprise working condition inspections, of which the 3 violations of Article 39 of the Labor Standards Act Article involving wages for holidays constituted the most numerous type of violation.

(6) Occupational health and safety case inspections:

- a. A total of 108,270 inspections were completed during 2019 (including 86,582 preliminary investigations and 21,688 reexaminations). Of these, 764 inspections were conducted under joint checking plans by ministries and associations; public security scheme-safety and health management numbered 6,069; inspection plan of spring safety numbered 8,921; plans for safety and health project of business entity related to the transportation of dangerous goods numbered 38; inspection of road operation or connection numbered 5,879; inspection plan of disability accident prevention numbered 23,160; safety partnership joint check numbered 37; preventing falls from roofs numbered 5,230; safety and health inspection of outer wall cleaning numbered 194; advocacy and coaching plan of high-risk business entity numbered 12,522; inspection plan of steam explosion project numbered 7; prevention of fire and explosion numbered 7,395; OSH project inspection of cooperative education numbered 42; Inspection plan of occupational environmental monitoring business project numbered 1,201; OSH supervision inspection of internship organizations numbered 41; supervision inspection plan of state-owned enterprises numbered 2,073; intensification of accident prevention plan of fire explosion in PCB factory numbered 312; joint safety inspection plan for high risk factories by ministries and associations numbered 126; safety plan of open excavation such as pipe trench and road numbered 1,921; dynamic check plan numbered 14,092; EEP project plan numbered 799; project inspection of decoration engineering numbered 1,673; strategies against dropping of construction industry numbered 12,550; project inspection of new high-tech workshops numbered 176; decoration inspection of completed building numbered 15; improvement plan for inspection and coating of small and medium-sized construction sites numbered 14,129; full safety plan for public engineering numbered

1,697; Falcon Program numbered 824; Recheck plan for Class A, B and C hazardous workplaces on site numbered 721; plans for the operation besides water numbered 788; strategies for improving the working environment and facilities of construction industry and reducing the rate of 1,000 workers suffering from labor insurance and occupational disasters by 30% in the next three years numbered 15,011; project plan of occupational disease prevention numbered 13,567; plans for promoting the mass's construction safety awareness numbered 1,561; prevention inspection for high temperature hazard for the outdoor work in summer numbered 8,371; inspection plan for asbestos operation project numbered 3; project inspection of health service items handled for health care workers employed by public institutions numbered 572; project inspection of labor workers' physical and mental health numbered 3,998; accurate inspection plan numbered 4,476; supervision plan for QC inspection of dangerous machinery & equipment numbered 202; project plan of dangerous machinery & equipment numbered 2,308; project plan of high pressure gas numbered 73; supervision inspection of quality of inspection agencies numbered 2,716; application for extension and replacement of hazardous equipment numbered 16; inspection plan for crane safety management numbered 2,122; safety project plan of tank car filling and dismantling numbered 19; check and supervision of elevator clearing numbered 2,427; post- disaster reconstruction project numbered 23; work plan for assisting employers' improvement of labor safety & health facilities and working environment as well as employment intention numbered 23,693; project plan of waste removal, handling and resource recovery numbered 48 and inspection plan for OHS working conditions of Taiwan railway and high-speed railway numbered 70.

- b. There was a total of 124,028 enterprises inspection of occupational safety and health project, and a total of 58,538 violations of Article 6 of the Occupational Safety and Health Act for the most numerous type of violation. The following were 28,925 violations of Article 23 of the Occupational Safety and Health Act; 13,120 violations of Article 32 of the Occupational Safety and Health Act.

3. State of oversight of establishment of health and safety organizations and personnel

Current state of oversight of the establishment of health and safety organizations and personnel : Of the 2,004 factories with over 100 persons that were inspected and listed for management, 517 (25.80%) have established health and safety organizations in accordance with regulations. Of the 3,809 of other enterprises with over 100 persons that were inspected and listed for management, 677 (17.77%) have established health and safety organizations in accordance with regulations. Of the 2,546 of factories with 30 to 100 persons that were inspected and listed for management, 388 (15.24%) have established health and safety organizations in accordance with regulations. Of the 4,667 of other enterprises with 30 to 100 persons that were inspected and listed for management, 495 (10.61%) have established health and safety organizations in accordance with regulations.

4. State of disciplinary actions taken pursuant to inspection results

All enterprises found to have violated requirements are notified to make improvements within a limited time period, or are provided with technical assistance, and disciplinary action is taken when necessary. In 2019, working conditions were inspected at 40,466 enterprises, and occupational health & safety inspections were conducted at 125,798 enterprises; of these violations of the Labor Standards Act were referred to the competent authority and 7,323 cases, and fines were assessed in 7,315 cases, which constituted a penalty rate of 18.10%, and 8 cases to judicial authority for investigation. Violations of the Occupational Safety and Health Act were 8,619 cases, which constituted a penalty rate of 6.85%, fines were assessed in 6,591 cases, partial work stoppage in 1,832 cases, full work stoppage in 2 cases, and 194 cases to judicial authority for investigation.

III. Analysis of special-item inspections

1. Hazardous machinery & equipment inspections

Dangerous machinery & equipment have been included in statistics; dangerous machines include : fixed type crane, mobile type crane, derrick crane, construction elevators, and construction lift and hoisting cage. Inspections items include type inspection, use inspections, usage inspection, completion inspection, existing inspection, re-inspection, alteration inspection and periodic inspection; dangerous equipment includes: boiler, pressure vessel, specific equipment for high pressure gases and high pressure gas vessel. Inspections items include type inspection, welding inspection, structural inspection, completion

inspection, existing inspection, re-inspection, alteration inspection and periodic inspection.

In 2019, there were 32,127 jack-up elevator inspections, of which preliminary investigations numbered 30,873 instances (including 28,849 preliminary investigations in periodic inspection cases) and 1,254 reexaminations, giving a reexamination rate of 4.06% (936 reexaminations were conducted in periodic inspection cases). Of them, 19,660 inspections were conducted in the Taiwan & Fuchien Area (including 18,861 preliminary investigations and 799 reexaminations; preliminary investigations in periodic inspection cases numbered 17,129 and reexaminations numbered 573); 1,382 inspections were conducted by Taipei City Labor Inspection Office (including 1,330 preliminary investigations and 52 reexaminations; preliminary investigations in periodic inspection cases numbered 1,062 and reexaminations numbered 41); 3,481 inspections were conducted by Taichung City Labor Inspection Office (including 3,382 preliminary investigations and 99 reexaminations; preliminary investigations in periodic inspection cases numbered 3,204 and reexaminations numbered 78); 7,137 inspections were conducted by Kaohsiung City Labor Inspection Office (including 6,843 preliminary investigations and 294 reexaminations; preliminary investigations in periodic inspection cases numbered 6,293 and reexaminations numbered 237); 128 inspections were conducted by Export Processing Zone (including 125 preliminary investigations and 3 reexaminations; preliminary investigations in periodic inspection cases numbered 112 and reexaminations numbered 3); 33 inspections were conducted by Hsinchu Science Park (including 32 preliminary investigations and 1 reexaminations; preliminary investigations in periodic inspection cases numbered 31 and reexaminations numbered 1); 172 inspections were conducted by Central Taiwan Science Park (including 171 preliminary investigations and 1 reexaminations; preliminary investigations in periodic inspection cases numbered 156 and reexaminations numbered 1); and 134 inspections were conducted by Southern Taiwan Science Park (including 129 preliminary investigations and 5 reexaminations; preliminary investigations in periodic inspection cases numbered 106 and reexaminations numbered 2).

In 2019, there were 73,954 dangerous equipment inspections (including 64,718 preliminary investigations in periodic inspection cases, giving a reexamination rate of 0.94%) (532 reexaminations were conducted in

periodic inspection cases); 6,944 boiler inspection, of which preliminary investigations numbered 6,780 instances (including 5,641 preliminary investigations in periodic inspection cases), 164 reexaminations (122 reexaminations were conducted in periodic inspection cases); 30,247 pressure vessel inspection, of which preliminary investigations numbered 30,020 instances (including 26,496 preliminary investigations in periodic inspection cases), 227 reexaminations (176 reexaminations were conducted in periodic inspection cases); 32,541 specific equipment for high pressure gases inspection, of which preliminary investigations numbered 32,307 instances (including 28,559 preliminary investigations in periodic inspection cases), 234 reexaminations (178 reexaminations were conducted in periodic inspection cases); and 4,222 high pressure gas vessel inspection, of which preliminary investigations numbered 4,161 instances (including 4,022 preliminary investigations in periodic inspection cases), 61 reexaminations (56 reexaminations were conducted in periodic inspection cases).

Of them, 48,430 inspections were conducted in the Taiwan & Fuchien Area (including 47,954 preliminary investigations and 476 reexaminations; preliminary investigations in periodic inspection cases numbered 41,849 and reexaminations numbered 352); 970 inspections were conducted by Taipei City Labor Inspection Office (including 961 preliminary investigations and 9 reexaminations; preliminary investigations in periodic inspection cases numbered 892 and reexaminations numbered 8); 3,137 inspections were conducted by Taichung City Labor Inspection Office (including 3,117 preliminary investigations and 20 reexaminations; preliminary investigations in periodic inspection cases numbered 2,485 and reexaminations numbered 17); 18,660 inspections were conducted Kaohsiung City Labor Inspection Office (including 18,509 preliminary investigations and 151 reexaminations; preliminary investigations in periodic inspection cases numbered 16,973 and reexaminations numbered 129); 607 inspections were conducted by Export Processing Zone (including 596 preliminary investigations and 11 reexaminations; preliminary investigations in periodic inspection cases numbered 544 and reexaminations numbered 11); 888 inspections were conducted by Hsinchu Science Park (including 881 preliminary investigations and 7 reexaminations; preliminary investigations in periodic inspection cases numbered 813 and reexaminations numbered 7); 518 inspections were conducted by Central Taiwan Science Park (including 511 preliminary investigations and 7

reexaminations; preliminary investigations in periodic inspection cases numbered 478 and reexaminations numbered 5) and 744 inspections were conducted by Southern Taiwan Science Park (including 739 preliminary investigations and 5 reexaminations; preliminary investigations in periodic inspection cases numbered 684 and reexaminations numbered 3).

2. Special hazardous tasks inspections

Special hazardous tasks inspection include organic solvent operation inspection, powder and dust operation inspection, lead operations inspection, specific chemical substances inspection and oxygen deficiency and confined space operation inspection.

Organic solvent operation inspection, powder and dust operation inspection, lead operation inspection, specific chemical substance operation inspection, and oxygen deficiency and confined space

1,897 organic solvent operation inspection were conducted (including 1,659 preliminary investigations and 238 reexaminations); 1,477 specific chemical substances inspection were conducted (including 1,283 preliminary investigations and 194 reexaminations); 73 lead operations inspection were conducted (including 61 preliminary investigations and 12 reexaminations); 686 powder and dust operation inspection were conducted (including 584 preliminary investigations and 102 reexaminations); 5,394 oxygen deficiency and confined space operation inspection were conducted (including 4,314 preliminary investigations and 1,080 reexaminations).

3. Hazardous workplace review and inspections

In accordance of Paragraph 1, Article 26 of Labor Inspection Act, without the approval of labor inspection agency or having passed inspection(s), the business entity shall not allow workers to work in the following hazardous workplaces. The business entity upon conviction is subjected to imprisonment for a maximum of 3 years or to a fine not exceeding NT\$150,000. This Organization has determined "hazardous workplace review and inspection regulations" in accordance with Paragraph 2, Article 26 of this Act; under these regulations, items in hazardous workplaces that require review by a labor inspection organization include (as required by the Labor Inspection Act and its enforcement rules)

- (1) Where basic petrochemical raw materials are produced through cracking reactions.
- (2) Where agriculture chemicals are synthesized using methyl isocyanate, hydrogen chloride, ammonia, formaldehyde, hydrogen

peroxide or pyridine.

- (3) Where chlorate, perchlorate, nitrate, sulfur, sulfide, phosphide, charcoal powder, metal powder and other materials are used to manufacture fireworks and firecrackers.
 - (4) Where basic petrochemical raw materials are produced through cracking reactions.
 - (5) Work places with pressurized vessels containing ressurized gases with daily refrigeration capacity over 150 MT, or with the following processing capacities :
 - 1. Oxygen, toxic or inflammable pressurized gases over 1,000 m3.
 - 2. All other pressurized gases over 5,000 m3.
 - (6) Work places with steam boilers with heat transfer surface area over 500 m2.
 - (7) Where hazardous materials above the quantities specified in Attachments 2 and 3 of the Enforcement Rules of the Act are manufactured, processed or used.
 - (8) Places of construction projects designated by the Central Competent Authority in consultation with the supervisory authority of the targeted business entities.
 - (9) Other work places specified by the central competent authority.
- A total of 254 applications for hazardous workplace review and inspection were received, of which 238 were approved and 5 were not approved; 11 are still in review (applications that had been accepted but not yet approved as of December 31, 2019).

4. Mining inspections

Because of the depth of coal mines in the Taiwan area, and the increasingly low value of coal compared with other energy sources, these coal mines are no longer economically viable. As a consequence, the number of coal mines has decreased gradually, falling from 324 mines in 1970 to the single digits; most coal mines are located in northern Taiwan.

- (1) Working condition inspections:

Mining working conditions were conducted 17 inspections, including 15 preliminary investigations and 2 reexaminations.
- (2) Sanitation inspection:

Mining sanitation inspection were conducted 94 inspections, including 91 preliminary investigations and 3 reexaminations.
- (3) Safety inspection: (Bureau of Mines, MOEA)

Mining safety inspections were conducted 638 inspections, other mining and quarrying sectors inspections were conducted 588 inspections, quarrying of stone, sand and clay sectors inspections

were conducted 0 inspections, and extraction of crude petroleum and natural gas sectors inspections were conducted 50 inspections.

IV. Statistical analysis of monthly reports of occupational accidents

Workers' occupational accident statistics are an important basis for assessing enterprises' labor losses and health and safety work performance. Both Article 38 of the Occupational Safety and Health Act and Article 51 of the same Act's enforcement rules clearly specify that enterprises shall report their monthly accident situation to the inspection organization, and a summary of these statistics shall be submitted to the central competent authority for statistical analysis. Since 1977, factories and mines, etc. with over 30 person have been required to perform this reporting. A grasp of enterprises' implementation of health and safety measures has also served as a reference for drafting of labor inspection strategies intended to reduce the number of occupational accidents and boost labor productivity. The enlargement and revision of the Act in 2002 specifies that enterprises with 50 or more persons, or enterprises with fewer than 50 persons when designated by the central competent authority and notified in a letter by the inspection organization, must still report occupational accident survey analysis statistics in accordance with Paragraph 1, Article 37 of the same Act.

Accident report content shall include the number of hired workers (monthly average), total number of work days, total man-hours worked (hours), number of disabling injury severity, disabling injury frequency rate (DIFR), number of fatalities, number of permanent total disability, number of permanent partial disability, number of temporary total disability, total number of working days lost, disabling injury severity rate (DISR), accident type, as well as sources of injuries, injured part and etc.

Injured body part classifications include: head, face, neck, shoulder, collar-bone, arm bone, elbow, forearm, wrist, chest, rib cage, back, hand, finger, abdomen, hip, groin, thigh, knee, leg, foot, viscera and entire body.

Accident types include: falling down, mater dropping, crash or dash, falling objects, collapsing objects, crashed, pinching and rolling up, cutting, abrasion, tread down, drown, hot or low temperature, contact with hazard, electrical shock, explosion, breaking, fire, improper act, unclassified sources of injuries, highway traffic accident, railway traffic accident, sea or airborne vessels traffic accident and others traffic accidents.

Source of injuries classifications include: prime mover, power transmission

apparatus, wood processing machines, operating machinery, general dynamical machine, hoist and crane, power handling machinery, transportation, high pressure vessels, chemical equipment, welding equipment, furnace, electric apparatus, manpower and machine tools, utensils, other equipment, construction and construction equipment, dangerous and harmful substances, material, objects carried, environment, other sources of injuries, no sources of injuries, unclassified sources of injuries and etc.

In 2019, a total of 21,768 enterprises reported occupational accidents, the monthly average number of hired workers was 4,509,338 persons, and a total of 1,103,867,440 days of work and a total of 8,934,375,509 man-hours of work was performed by these enterprises; 11,318 disabling injuries occurred, which included 93 deaths, 6 permanent full disabilities, 199 permanent partial disabilities, and 11,020 temporary disabilities, and a total of 894,157 lost days of work occurred.

1. General overview

(1) Frequency of disabling injuries due to occupational accidents in each industry:

In 2019, the average frequency of disabling injuries due to occupational accidents in all industries was 1.26. Among all industries, the accommodation and food service had the highest frequency of disabling injuries (3.26). The number of reporting enterprises in this industry was 1,584, which accounted for 7.28% of all reporting enterprises. The number of hiring workers was 179,219; the number of work days was 44,215,333; the number of total man-hours worked was 346,387,805; the number of disabling injury severity was 1,132; the number of working days lost was 22,674. Among other industries, arts, entertainment and recreation activities was second with 3.22, and agriculture, forestry, fishing and animal husbandry was third with 2.92. Followed by water supply and remediation activities was 2.83; public administration and defence; compulsory social security was 2.59; real estate activities was 2.31; Itransportation and storage sectors was 1.94; mining and quarrying sectors was 1.42; manufacturing sectors was 1.29; wholesale and retail trade sectors was 1.27; other service activities 1.09; human health and social work activities was 1.09; support service activities was 0.99; construction sectors was 0.98; professional, scientific and technical activities was 0.49; financial and insurance activities was 0.46; information and communication was 0.38; electricity and gas supply sectors was 0.35 and education was 0.19.

Among manufacturing industries, the manufacture of rubber products sectors was highest (2.68).

The number of reporting enterprises in this industry was 150, which accounted for 0.69% of all reporting enterprises. The number of hiring workers was 28,786; the number of work days was 7,158,915; the number of total man-hours worked was 59,282,383; the number of disabling injury severity was 159; the number of working days lost was 15,591. The following were manufacture of food products (2.31), manufacture of wood and of products of wood and bamboo (2.17), manufacture of other non-metallic mineral products (2.09), printing and reproduction of recorded media sectors (2.05), medicines manufacturing sectors (1.99), manufacture of furniture (1.90), manufacture of paper and paper products (1.85), manufacture of fabricated metal products (1.81), manufacture of beverages (1.72), manufacture of basic metals (1.62), manufacture of textiles (1.59), other manufacturing sectors (1.52), manufacture of plastics products (1.49), manufacture of electrical equipment (1.40) and manufacture of machinery and equipment (1.40).

The following formula was used in calculations:

$$\text{Number of disabling injuries} \times 106$$

$$\text{Frequency of disabling injurie} = \frac{\text{Number of disabling injuries} \times 106}{\text{Total man-hours worked}} \quad (\text{rounded to the second decimal place})$$

(2) Severity of disabling injuries due to occupational accidents in each Industry

In 2019, the average disabling injury severity level in all industries was 100, and the mining and quarrying industry had the highest severity (1,738). The following were repair and installation of industrial machinery and equipment sectors (571), agriculture, forestry, fishing and animal husbandry (519), manufacture of other non-metallic mineral products sectors (487), manufacture of paper and paper products sectors (400), construction sectors (389), manufacture of chemical material sectors (375), electricity and gas supply sectors (315), manufacture of chemical products sectors (302) and manufacture of leather, fur and related products sectors (269).

The following formula was used in calculations:

$$\text{Number of disabling injuries} \times 106$$

$$\text{Frequency of disabling injurie} = \frac{\text{Number of disabling injuries} \times 106}{\text{Total man-hours worked}} \quad (\text{rounded to whole number})$$

Total man-hours worked

2. Analysis of accident type in each industry based on occupational accident statistics

- (1) The chief accident type of agriculture, forestry, fishing and animal husbandry include mater dropping, falling down, pinching and rolling up, cutting, abrasion, crash or dash, other(s), hot or low temperature, highway traffic accident, crashed and etc.
- (2) The chief accident type of mining and quarrying sectors include mater dropping, falling down, collapsing objects, cutting, abrasion and etc.
- (3) Manufacturing: The following explanation concerns industries with relatively high frequencies of disabling injuries

Industry	Chief Accident Type
Manufacture of Rubber Products Sectors	Pinching and rolling up, cutting, abrasion, other(s), mater dropping, crashed, crash or dash, falling objects, improper act, collapsing objects, hot or low temperature, falling down, contact with hazard, fire, electrical shock, highway traffic accident and etc.
Manufacture of Food Products	Mater dropping, pinching and rolling up, cutting, abrasion, hot or low temperature, crashed, falling down, improper act, crash or dash, other(s), collapsing objects, falling objects, tread down, contact with hazard, highway traffic accident, shock and etc.
Manufacture of Wood and of Products of Wood and Bamboo	Pinching and rolling up, cutting, abrasion, mater dropping, falling down, crashed, hot or low temperature and etc.
Manufacture of Other Non-Metallic Mineral Products	Cutting, abrasion, pinching and rolling up, mater dropping, falling down, falling objects, crashed, hot or low temperature, other(s), improper act, collapsing objects, crash or dash, other(s), tread down, electrical shock, breaking and etc.

Printing and Reproduction of Recorded Media Sectors	Pinching and rolling up, cutting, abrasion, mater dropping, improper act, crashed, falling objects, collapsing objects, falling down, hot or low temperature, crash or dash, tread down and etc.
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- (4) Electricity and gas supply sectors: The chief accident type include pinching and rolling up, electrical shock, highway traffic accident, falling down, mater dropping, falling objects, drown, hot or low temperature, collapsing objects, crashed, cutting, abrasion, breaking and etc.
 - (5) Water supply & remediation activities sectors: The chief accident type include mater dropping, cutting, abrasion, other(s), crashed, pinching and rolling up, improper act, highway traffic accident, falling down, falling objects, hot or low temperature and etc.
 - (6) Construction sectors: The chief accident type include falling down, pinching and rolling up, mater dropping, cutting, abrasion, crashed, highway traffic accident, falling objects, collapsing objects, other(s), hot or low temperature, crash or dash, tread down, electrical shock, explosion and etc.
 - (7) Transportation and storage sectors: The chief accident type include mater dropping, highway traffic accident, other(s), improper act, crashed, falling down, crash or dash, pinching and rolling up, falling objects, cutting, abrasion, hot or low temperature, collapsing objects, tread down and etc.
 - (8) All industries: Matter dropping constituted the chief accident type, and accounted for 23.04% of all accidents. The following were cutting and abrasion for 13.95%; pinching and rolling up for 12.55%; other(s) for 7.37%; improper act for 5.72%; crashed for 6.705%; highway traffic accident for 5.69%; and hot or low temperature for 4.59%.
3. Analysis of sources of injuries by industry
- Among all industries, “other sources of injuries” constituted the most important sources of injuries (15.97%), and was followed by means of transport of handling machinery (13.91%), environment (11.12%), construction and construction equipment (7.09%), general dynamical machine (7.02%), material (6.71%), unclassifiable injury (6.30%), no sources of injuries (5.73%), utensils (4.58%), power handling machinery (4.52%), manpower and machine tools (3.10%) and power transmission apparatus (2.93%)
- (1) Agriculture, forestry, fishing and animal husbandry: The chief sources Of injuries were unclassifiable injuries, other sources of injuries,

environment, no sources of injuries, means of transport of handling machinery, construction and construction equipment, material, electric apparatus, manpower and machine tools and utensils.

- (2) Mining and quarrying sectors: The chief sources of injuries were environment, general dynamical machine, means of transport of handling machinery, utensils, no sources of injuries and unclassifiable injuries.
- (3) The following is an explanation of sources of injuries in manufacturing industries beginning with the sources of the most frequent injuries:

Industry	Chief sources of injuries
Manufacture of Electronic Parts and Components	Other sources of injuries, environment, construction and construction equipment, general dynamical machine, other equipment, material, unclassifiable injuries, dangerous and harmful substances and utensils.
Manufacture of Fabricated Metal Products	General dynamical machine, material, environment, manpower and machine tools, other sources of injuries, dangerous and harmful substances, other equipment, power transmission apparatus, utensils and power handling machinery.
Manufacture of Food Products	Environment, power handling machinery, construction and construction equipment, general dynamical machine, other sources of injuries, power transmission apparatus, manpower and machine tools and means of transport of handling machinery.
Manufacture of Machinery and Equipment	General dynamical machine, material, manpower and machine tools, power transmission apparatus, utensils and environment, unclassifiable injuries, construction and construction equipment, means of transport of handling machinery , power handling machinery and other sources of injuries.
Manufacture of Computers, Electronic and Optical Products	General dynamical machine, unclassifiable injuries, power transmission apparatus, other sources of injuries, power handling machinery, manpower and machine tools, utensils,

	environment, means of transport of handling machinery , material and construction and construction equipment.
Manufacture of Plastics Products	General dynamical machine, power transmission apparatus, power handling machinery, manpower and machine tools, utensils, other equipment, material, environment, other sources of injuries, unclassifiable injuries, other equipment, construction and construction equipment, hoist and crane and pressure vessel.
Manufacture of Basic Metals	General dynamical machine, other sources of injuries, means of transport of handling machinery , environment, construction and construction equipment, utensils, material, manpower and machine tools and power transmission apparatus.

- (4) Electricity and gas supply sectors: Main sources of injuries include Electric apparatus, means of transport of handling machinery , construction and construction equipment, material, environment, loading, unloading and hoist and crane machines, pressure vessel and other sources of injuries.
- (5) Water supply & remediation activities sectors: Main sources of injuries include means of transport of handling machinery , environment, material, other sources of injuries, unclassifiable injuries, power handling machinery of handling machineries and construction and construction equipment.
- (6) Construction sectors: Main sources of injuries include construction and construction equipment, material, loading, unloading and hoist and crane machines, environment, utensils and power handling machinery of handling machineries.
- (7) Transportation and storage sectors: Main sources of injuries include means of transport of handling machinery , other sources of injuries, environment, no sources of injuries, power handling machinery of handling machineries and construction and construction equipment.
4. Analysis of the relationship between accident type and sources of accident (manufacturing sectors)

In 2019, a comparison of accident types in manufacturing throughout the year revealed that pinching and rolling up was the leading sources of accidents (22.94%). The following were mater dropping (17.66%), cutting

and abrasion (16.52%), crashed (6.17%), others (5.88%). Relationship between accident type and sources of accident for high-frequency accidents:

Accident Type	Chief sources of injuries
Pinching and Rolling-Up	General dynamical machine, power transmission apparatus, power handling machinery, other equipment, material, other sources of injuries, utensils and environment.
Mater Dropping	Environment, construction and construction equipment, other sources of injuries, no sources of injuries, unclassifiable injuries, means of transport of handling machinery , utensils, material and general dynamical machine.
Cutting and Abrasion	General dynamical machine, material, manpower and machine tools, other sources of injuries, environment, utensils, other equipment, unclassifiable injuries and power transmission apparatus.
Crashed	Power handling machinery, means of transport of handling machinery , general dynamical machine, manpower and machine tools, utensils, other equipment, material and other sources of injuries.
others	Other sources of injuries, general dynamical machine, environment, material, unclassifiable injuries, no sources of injuries, manpower and machine tools, power handling machinery and means of transport of handling machinery.
Improper Act	General dynamical machine, objects carried, other sources of injuries, material, no sources of injuries, environment , unclassifiable and utensils.

5. Analysis of the relationship between accident type and injured body part (manufacturing sectors)

In 2019, the body part injured with the highest frequency in manufacturing was the finger (23.33%), followed by the hand (16.64%), foot (13.24%), head (7.08%), leg(6.04%), others (4.61%), knee(4.01%).

The following is an explanation of the relationship between accident type and injured body part for the highest-frequency accidents:

Accident Type	Injured part
Pinching and Rolling-Up	Finger, hand, foot, forearm, wrist, elbow, leg and arm bone.
Mater Dropping	Foot, knee, hand, head, leg, hip, elbow, wrist and others
Cutting and Abrasion	Finger, hand, leg, foot, face, others, wrist,

	head and forearm.
Crashed	Foot, head, leg, finger, knee, hand, face, elbow and chest.
Hot or Low Temperature	Finger, foot, face, hand, chest, forearm, leg and back.
Improper Act	Finger, foot, hand, others, back, head, leg, and face.

6. Analysis of injured body part by industry

Because manufacturing is the predominant industry, injured body part types are largely the same as in the previous section; the following is analysis of the relationship between injured body part and industries with relatively high accident frequency.

Industry	Injured part
Transportation and Storage Sector	Foot, hand, knee, leg, finger, head, elbow, others, back and shoulder.
Accommodation and Food Service Activities	Hand, finger, foot, leg, head, knee, others face and back.
Wholesale and Retail Trade Sectors	Finger, foot, hand, leg, head, knee, others and elbow.
Manufacture of Electronic Parts and Components	Finger, foot, hand, head, others knee, leg, face and back.
Human Health and Social Work Activities	Hand, finger, foot, knee, others, head, face, leg, shoulder and back.
Manufacture of Fabricated Metal Products	Finger, hand, foot, leg, others head, face, knee and elbow.
Support Service Activities	Foot, knee, leg, hand, finger, head, back, face and others.
Manufacture of Food Products	Finger, hand, foot, head, leg, back, others, elbow, face and wrist.

V. Supplementary explanation:

National occupational accident data is chiefly obtained from the following three sources:

1. In accordance with Article 37 of Occupational Safety and Health Act:

In accordance with the requirements of this Article, in the case of enterprises with at least 1 death due to an occupational accident in the workplace, the injury of at least 3 persons, or the injury of at least one person requiring hospitalization, the employer must notify the labor inspection organization within 8 hours, and the labor inspection

organization must promptly perform an accident inspection examining fatal or injuring workplace accidents and compile a report of its findings.

2. **In accordance with Article 38 of Occupational Safety and Health Act:**

This Article specifies that in the case of those enterprises designated by the central competent authority, including enterprises with more than 50 hired workers and other enterprises designated by the central competent authority and notified by the inspection organization in a letter, those enterprises within the inspection organization's audit jurisdiction shall report occupational accident statistics on a monthly basis (to save administrative costs, statistics have been reported online since 2007); the chief goal of the submission of monthly occupational accident content and statistical reports is to allow further accident information to be obtained through sampling surveys, and to allow the state of occupational accidents in various industries to be inferred, including the number of disabling injuries, frequency of disabling injuries, severity of disabling injuries, accident type, sources of injuries, and injured body part, etc. These indicators can also be used to assess enterprises' labor losses and serve as an important basis for determination of health and safety performance. However, with regard to the reporting of occupational accidents, because the number of small enterprises with fewer than 50 persons sampled has remained limited, the accuracy of calculation results may be somewhat inadequate.

3. **According to occupational accident payment statistics under the Labor Insurance Act:**

Although the occupational accident sickness and injury, disability, and death payment application data for labor insurance insureds can accurately reflect the state of occupational accident payments, because the Labor Insurance Act takes workers at companies with 5 or more employees, corporate business establishment workers and fishermen, self-employed persons who are members of an occupational union, and government agency employees who may not participate in (Civil Servant and Teacher Insurance) government employee health insurance as its applicable subjects, and is chiefly concerned about accident payments to these persons, while the Occupational Safety and Health Act is applicable to all industries, and seeks to determine accident prevention responsibilities in the workplace, the two acts consequently have different scopes and are applicable to different numbers of enterprises; in addition, because the Labor Insurance Act employs calculation methods based on current-year payments for labor insurance, which differs from the previous two occupational accident statistics based on time of accident occurrence, there are naturally differences in their statistical results.

Taking 2019 as an example, during that year a total of 316 workers died in major occupational accident cases as defined in Paragraph 2, Article 37 of the Occupational Safety and Health Act. In contrast, labor insurance occupational accident death payment data indicates that such payments were made for 240 persons (excluding traffic accidents and occupational diseases), with the difference between these two figures being as described above. Furthermore, in order to maintain an accurate grasp of major occupational accident cases, the Occupational Safety and Health Administration, Ministry of Labor has adopted the practice of notifying labor inspection organizations by letter to investigate and deal with cases in which occupational accident death payments were issued but the enterprise in question did not report accidents to the local labor inspection organization in accordance with Article 37 of the Occupational Safety and Health Act, which is intended to reduce the number of cases in which enterprises suffer deaths in occupational accidents but seek to conceal the incidents by not reporting them.

表 2-1 勞動檢查事業單位違反勞動基準法移送處分情形
Table 2-1 State of referral of violations of the Labor Standards Act by inspected enterprises
中華民國 108年
Year 2019

機 關 別 Organization type	違反勞動基準法 Violations of the Labor Standards Act					
	總 受 檢 場 次 Total Inspections	違 反 件 數 Violation Cases (number of cases)				
		計 Total	處分率（％） Penalty Rate	罰鍰告發 Punishment with Penalty	移送參辦 Order of Case Transfer for Criminal Investigation	罰鍰金額 (萬元) Amount of Administrative Fine (ten thousand NT\$)
總 計 Total	40,466	7,323	18.10	7,315	8	42,629.9
臺 北 市 政 府 Taipei City Government	9,005	1,880	20.88	1,879	1	12,150.0
新 北 市 政 府 New Taipei City Government	5,068	1,325	26.14	1,325	-	10,142
桃 園 市 政 府 Taoyuan City Government	4,315	938	21.74	936	2	7,369
臺 中 市 政 府 Taichung City Government	2,953	700	23.70	699	1	2,132
臺 南 市 政 府 Tainan City Government	3,076	518	16.84	518	-	2,675
高 雄 市 政 府 Kaohsiung City Government	3,204	1,065	33.24	1,064	1	4,032
宜 蘭 縣 政 府 Yilan County Government	714	37	5.18	37	-	219
新 竹 縣 政 府 Hsinchu County Government	920	58	6.30	58	-	324
苗 栗 縣 政 府 Miaoli County Government	895	31	3.46	31	-	80
彰 化 縣 政 府 Changhua County Government	846	187	22.10	187	-	880.1
南 投 縣 政 府 Nantou County Government	296	36	12.16	36	-	103
雲 林 縣 政 府 Yunlin County Government	743	40	5.38	40	-	163
嘉 義 縣 政 府 Chiayi County Government	577	18	3.12	18	-	116
屏 東 縣 政 府 Pingtung County Government	1,270	120	9.45	120	-	417
臺 東 縣 政 府 Taitung County Government	156	67	42.95	64	3	181.1
花 蓮 縣 政 府 Hualien County Government	225	23	10.22	23	-	20
澎 湖 縣 政 府 Penghu County Government	290	18	6.21	18	-	101
基 隆 市 政 府 Keelung City Government	797	81	10.16	81	-	412
新 竹 市 政 府 Hsinchu City Government	697	16	2.30	16	-	76
嘉 義 市 政 府 Chiayi City Government	909	13	1.43	13	-	350
金 門 縣 政 府 Kinmen County Government	108	11	10.19	11	-	28
連 江 縣 政 府 Lienchiang County Government	68	1	1.47	1	-	23
經 濟 部 加 工 出 口 區 管 理 處 Export Processing Zone Administration, MOEA	250	42	16.80	42	-	146
科技部新竹科學園區管理局 Hsinchu Science Park Bureau, MOST	153	67	43.79	67	-	327
科技部中部科學園區管理局 Central Taiwan Science Park Bureau, MOST	66	16	24.24	16	-	84
科技部南部科學園區管理局 Southern Taiwan Science Park Bureau, MOST	91	15	16.48	15	-	80
職安署北區職業安全衛生中 心 Northern Center of OSHA	813	-	-	-	-	-
職安署中區職業安全衛生中 心 Central Center of OSHA	841	-	-	-	-	-
職安署南區職業安全衛生中 心 Southern Center of OSHA	1,120	-	-	-	-	-

說明：1.處分率＝告發件次÷總受檢場次×100。
2.直轄市政府檢查場次含其所設置之檢查機構檢查量。
3.職安署三區中心移送涉及違法案件請各地方主管機關處理共544件。
4.本表為不含通知改善及移送主管機關之案件。
5.本表統計不含年度執行法遵訪視18,176場次。
Explanation: 1.Panalty Rate = Violation Cases／Number of Case Processed × 100.
2.The number of inspections by municipal governments includes inspections performed by inspection agencies established by the governments.
3.Occupational Safety and Health Administration's three regional centers have referred 544 cases involving violations to the local competent authority for handling.
4.This table does not contain cases in which the enterprise was notified to make improvement or which were referred to the competent authority
5.The statistics in this table do not contain the 18,176 legal compliance visits conducted during the year.

表 2-2 勞動檢查次數
Table 2-2 Number of labor inspections

中華民國108年
Year 2019

單位：次
Unit: inspections

行 業 別 Industry Type	勞 動 條 件 檢 查 Working Condition Inspections by Industry Category														
	總 計 Total	臺 北 市 Taipei City	新 北 市 New Taipei City	桃 園 市 Taoyuan City	臺 中 市 Taichung City	臺 南 市 Tainan City	高 雄 市 Kaohsiung City	宜 蘭 縣 Yilan County	新 竹 縣 Hsinchu County	苗 栗 縣 Miaoli County	彰 化 縣 Changhua County	南 投 縣 Nantou County	雲 林 縣 Yunlin County	嘉 義 縣 Chiayi County	屏 東 縣 Pingtung County
總 計 Total	40,466	9,005	5,068	4,315	2,953	3,076	3,204	714	920	895	846	296	743	577	1,270
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	105	3	9	5	22	4	11	10	3	-	-	4	6	1	16
礦業及土石採取業 Mining and Quarrying Sectors	17	2	1	2	-	-	-	1	-	2	-	-	1	-	2
製 造 業 Manufacturing Sectors	7,827	863	1,090	1,009	574	763	515	102	164	109	437	60	294	185	249
食品製造業 Manufacture of Food Products Sectors	823	113	99	116	42	54	56	17	9	3	17	7	40	42	80
飲料製造業 Manufacture of Beverages Sectors	63	10	2	11	2	2	1	2	1	1	-	-	1	1	10
菸草製造業 Manufacture of Tobacco Products Sectors	9	4	-	1	-	2	-	-	-	-	-	-	-	-	-
紡 織 業 Manufacture of Textiles Sectors	265	59	30	44	11	22	4	-	1	2	26	-	21	8	5
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	118	43	28	10	7	9	1	3	1	-	4	2	1	-	-
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	43	6	5	1	10	8	1	-	-	1	4	2	-	-	1
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	58	-	6	1	5	7	7	2	1	-	6	7	-	5	3
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	144	12	17	21	10	6	14	3	2	6	11	4	5	12	-
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	124	11	35	8	14	20	6	-	-	-	7	2	2	-	1
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	29	4	-	5	-	2	1	-	-	-	-	-	17	-	-
化學材料製造業 Manufacture of Chemical Material Sectors	259	48	6	17	5	10	25	-	14	7	3	3	81	2	10
化學製品製造業 Manufacture of Chemical Products Sectors	300	58	20	44	8	24	12	1	5	3	6	2	35	10	14
藥品製造業 Medicines Manufacturing Sectors	113	23	8	6	5	18	3	1	1	-	2	-	-	-	7
橡膠製品製造業 Manufacture of Rubber Products Sectors	115	6	16	16	9	9	3	3	1	2	9	2	7	8	3
塑膠製品製造業 Manufacture of Plastics Products Sectors	517	57	68	61	34	78	25	8	9	6	45	1	9	15	14
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	304	24	39	36	12	22	19	17	6	12	7	1	10	7	5
基本金屬製造業 Manufacture of Basic Metals Sectors	232	24	21	27	13	41	30	3	6	-	7	2	5	2	18
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	1,109	50	153	92	119	154	114	6	12	17	188	11	20	19	29
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	830	48	153	152	45	32	54	2	55	14	2	1	6	4	18
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	425	82	138	59	18	9	3	4	10	5	4	-	3	3	1
電力設備製造業 Manufacture of Electrical Equipment Sectors	378	70	62	68	13	34	23	4	7	4	11	-	8	3	6
機械設備製造業 Manufacture of Machinery and Equipment Sectors	739	45	74	107	111	74	51	16	11	11	36	7	14	22	4
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	209	10	19	37	12	55	5	-	5	5	4	1	2	8	3
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	176	6	9	23	23	23	25	2	6	1	19	1	-	2	6
家具製造業 Manufacture of Furniture Sectors	106	14	19	5	14	8	11	-	-	4	9	1	2	4	2
其他製造業 Other Manufacturing Sectors	270	34	59	32	23	32	10	6	-	4	9	3	4	7	9
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	69	2	4	9	9	8	11	2	1	1	1	-	1	1	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	104	21	5	7	8	6	22	2	3	-	2	1	2	4	2
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	172	44	13	23	14	6	26	-	1	3	5	2	5	4	9
營 造 業 Construction Sector	1,579	346	266	202	126	114	117	46	18	21	9	2	23	29	39
批發及零售業 Wholesale and Retail Trade Sectors	7,087	2,122	1,177	764	577	556	372	155	75	59	111	34	88	102	175
運輸及倉儲業 Transportation and Storage Sector	4,112	438	303	532	175	309	681	20	38	44	37	27	53	50	75
住宿及餐飲業 Accommodation and Food Service Activities	4,606	1,122	684	423	360	279	334	76	128	66	87	41	67	51	117
資訊及通訊傳播業 Information and Communication Sectors	1,044	647	131	36	60	20	51	3	9	1	2	1	2	-	2
金融及保險業 Financial and Insurance Activities	957	377	62	58	60	25	79	12	5	8	15	1	7	-	13
不動產業 Real Estate Activities	547	178	75	66	76	28	32	2	18	3	2	3	3	1	5
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1,251	661	152	83	102	56	41	11	22	1	4	7	4	6	13
支 援 服 務 業 Support Service Activities	2,704	816	369	393	241	112	223	24	57	22	24	10	25	26	52
公共行政及國防：強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	115	9	6	9	13	9	10	7	-	5	1	2	1	2	8
教 育 服 務 業 Education Sectors	1,741	167	163	225	154	154	37	40	79	145	11	5	31	15	166
醫療保健及社會工作服務業 Human Health and Social Work Activities	4,068	742	252	267	240	508	521	155	88	83	72	61	108	93	222
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	1,034	133	67	80	45	41	34	11	109	309	6	25	-	2	32
其 他 服 務 業 Other Service Activities	1,396	314	243	131	106	86	98	37	103	14	21	10	23	6	73

表 2-2 勞動檢查次數（續一）
Table 2-2 Number of labor inspections (continued)

中華民國108年 Year 2019																單位：次 Unit: inspections
行 業 別 Industry Type	勞 動 條 件 檢 查 Working Condition Inspections by Industry Category															
	臺東縣 Taitung County	花蓮縣 Hualien County	澎湖縣 Penghu County	基隆市 Keelung City	新竹市 Hsinchu City	嘉義市 Chiayi City	金門縣 Kinmen County	連江縣 Lienchiang County	經濟部加工出口區管理處 Export Processing Zone Administration, MOEA	科技部新竹科學園區管理局 Hsinchu Science Park Bureau, MOST	科技部中部科學園區管理局 Central Taiwan Science Park Bureau, MOST	科技部南部科學園區管理局 Southern Taiwan Science Park Bureau, MOST	職安署北區職業安全衛生中心 Northern Center of OSHA	職安署中區職業安全衛生中心 Central Center of OSHA	職安署南區職業安全衛生中心 Southern Center of OSHA	
總 計 Total	156	225	290	797	697	909	108	68	250	153	66	91	813	841	1,120	
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	1	1	-	4	1	-	-	-	-	-	-	-	2	1	1	
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	4	-	-	-	-	-	-	-	1	-	1	
製 造 業 Manufacturing Sectors	6	16	2	60	105	59	7	-	219	98	50	68	231	160	332	
食品製造業 Manufacture of Food Products Sectors	3	4	1	14	4	6	3	-	1	1	-	-	27	14	50	
飲料製造業 Manufacture of Beverages Sectors	-	1	-	-	-	-	2	-	1	-	-	1	5	2	7	
菸草製造業 Manufacture of Tobacco Products Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
紡 織 業 Manufacture of Textiles Sectors	-	-	-	-	-	-	-	-	3	-	-	-	11	16	2	
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	-	-	-	1	-	1	-	-	-	-	-	-	-	3	4	
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	-	-	-	-	1	-	-	-	-	-	-	-	1	1	5	
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	-	-	-	-	1	1	-	-	1	-	-	-	3	4	11	
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	-	-	-	-	-	6	-	-	6	-	-	-	6	-	-	
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
化學材料製造業 Manufacture of Chemical Material Sectors	-	-	-	2	3	-	-	-	3	1	-	1	9	4	5	
化學製品製造業 Manufacture of Chemical Products Sectors	-	-	-	-	3	2	-	-	5	3	1	5	20	5	14	
藥品製造業 Medicines Manufacturing Sectors	-	-	-	-	-	2	-	-	2	5	5	5	10	3	7	
橡膠製品製造業 Manufacture of Rubber Products Sectors	-	-	-	-	-	-	-	-	2	-	-	-	2	7	10	
塑膠製品製造業 Manufacture of Plastics Products Sectors	-	-	-	-	-	2	-	-	31	1	1	1	9	9	33	
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	2	9	-	-	7	-	1	-	3	1	2	1	21	20	20	
基本金屬製造業 Manufacture of Basic Metals Sectors	-	-	-	-	3	4	1	-	-	-	-	2	1	6	16	
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	1	-	-	-	6	19	-	-	16	1	2	3	15	12	50	
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	-	-	-	11	26	-	-	-	71	57	20	29	17	7	6	
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	-	-	-	5	9	2	-	-	19	14	-	5	20	7	5	
電力設備製造業 Manufacture of Electrical Equipment Sectors	-	-	1	2	9	-	-	-	17	-	-	1	21	3	11	
機械設備製造業 Manufacture of Machinery and Equipment Sectors	-	2	-	10	25	8	-	-	21	5	15	5	24	16	25	
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	-	-	-	1	-	-	-	-	9	-	3	-	5	8	17	
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	-	-	-	7	1	2	-	-	1	-	-	-	2	8	9	
家具製造業 Manufacture of Furniture Sectors	-	-	-	-	-	-	-	-	3	-	-	-	-	1	9	
其他製造業 Other Manufacturing Sectors	-	-	-	-	-	2	-	-	4	9	1	7	1	3	11	
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	-	-	-	7	7	2	-	-	-	-	-	2	1	-	-	
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	5	-	-	1	-	-	-	-	-	3	1	9	
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	-	-	1	2	3	-	-	-	1	3	-	-	2	4	1	
營 造 業 Construction Sector	21	3	6	47	32	13	7	9	2	4	3	4	42	12	16	
批發及零售業 Wholesale and Retail Trade Sectors	26	13	9	127	169	139	21	18	7	5	-	3	29	14	140	
運輸及倉儲業 Transportation and Storage Sector	12	40	13	132	32	128	19	7	6	3	-	3	242	435	258	
住宿及餐飲業 Accommodation and Food Service Activities	31	19	23	118	87	173	21	5	1	7	-	1	20	71	194	
資訊及通訊傳播業 Information and Communication Sectors	-	2	6	5	20	3	3	-	5	1	3	-	19	11	1	
金融及保險業 Financial and Insurance Activities	3	2	1	10	24	40	1	-	-	-	-	-	76	36	42	
不動產業 Real Estate Activities	-	1	-	9	15	8	-	-	3	-	-	-	8	2	9	
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1	1	2	15	16	20	-	-	5	14	2	2	6	2	2	
支援服務業 Support Service Activities	12	4	6	42	42	29	9	6	-	17	5	9	60	30	39	
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	5	1	-	1	-	9	1	4	-	-	-	-	1	-	11	
教育服務業 Education Sectors	3	-	51	103	32	144	1	5	-	-	-	-	6	2	2	
醫療保健及社會工作服務業 Human Health and Social Work Activities	22	102	82	69	82	120	15	9	-	-	-	-	53	49	53	
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	8	5	76	26	4	10	-	-	-	1	-	-	3	3	4	
其他服務業 Other Service Activities	5	15	12	22	29	14	2	5	1	-	3	1	9	8	5	

表 2-2 勞動檢查次數（續二完）
Table 2-2 Number of labor inspections (end)

中華民國108年 Year 2019															單位：次 Unit: inspections
行 業 別 Industry Type	勞 動 條 件 檢 查 Working Condition Inspections by Industry Category														
	總 計 Total	臺北市勞動 檢查處 Taipei City Labor Inspection Office	新北市政府 勞動檢查處 New Taipei City Government Labor Inspection Office	桃園市政府 勞動檢查處 Office of Labor Inspection, Taoyuan	臺中市勞動 檢查處 Taichung City Labor Inspection Office	臺南市職安 健康處 Occupational Safety and Health Department, Labor Affairs Bureau of Tainan City	高雄市政府 勞工局勞動 檢查處 Kaohsiung City Government Labor Inspection Office, Labor Affairs	經濟部加工 出口區管理 處 Export Processing Zone Administration , MOEA	科技部新竹 科學園區管 理局 Hsinchu Science Park Bureau, MOST	科技部中部 科學園區管 理局 Central Taiwan Science Park Bureau, MOST	科技部南部 科學園區管 理局 Southern Taiwan Science Park Bureau, MOST	職安署北區職 業安全衛生中 心 Northern Center of OSHA	職安署中區職 業安全衛生中 心 Central Center of OSHA	職安署南區職 業安全衛生中 心 Southern Center of OSHA	
總 計 Total	125,798	21,853	8,075	7,432	8,109	3,507	20,078	1,402	983	555	411	13,451	17,610	22,332	
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	971	41	145	30	4	1	73	-	1	-	-	307	160	209	
礦業及土石採取業 Mining and Quarrying Sectors	94	2	2	3	12	-	7	-	-	-	-	18	39	11	
製 造 業 Manufacturing Sectors	44,094	962	3,435	2,886	5,683	2,727	6,876	1,011	656	404	291	4,212	6,951	8,000	
食品製造業 Manufacture of Food Products Sectors	2,538	85	236	205	192	145	431	18	5	1	-	227	252	741	
飲料製造業 Manufacture of Beverages Sectors	398	11	8	11	30	9	14	14	-	-	-	44	103	154	
菸草製造業 Manufacture of Tobacco Products Sectors	35	1	1	-	3	7	-	-	-	-	-	2	6	15	
紡 織 業 Manufacture of Textiles Sectors	1,106	26	68	183	78	87	30	12	-	-	-	61	254	307	
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	116	6	27	18	2	22	-	-	-	-	-	3	13	25	
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	222	-	12	4	62	19	33	-	-	-	-	-	23	69	
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	200	-	14	4	32	6	36	-	-	4	-	20	27	57	
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	754	6	39	39	74	22	100	2	-	-	-	89	234	149	
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	432	13	92	7	100	77	55	12	-	-	-	5	24	47	
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	383	-	3	1	25	2	97	-	-	-	-	53	182	20	
化學材料製造業 Manufacture of Chemical Material Sectors	2,984	14	27	68	216	104	926	45	14	12	13	283	936	326	
化學製品製造業 Manufacture of Chemical Products Sectors	3,144	18	179	215	338	220	556	52	59	4	15	440	589	459	
藥品製造業 Medicines Manufacturing Sectors	597	10	35	38	60	113	49	12	51	10	34	83	13	89	
橡膠製品製造業 Manufacture of Rubber Products Sectors	573	9	49	33	57	16	55	5	-	-	-	67	216	66	
塑膠製品製造業 Manufacture of Plastics Products Sectors	2,804	27	402	158	283	203	257	55	6	8	5	135	402	863	
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	1,466	40	108	61	89	43	228	20	-	20	5	200	461	191	
基本金屬製造業 Manufacture of Basic Metals Sectors	2,352	36	85	124	315	156	557	11	-	-	23	141	326	578	
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	9,297	244	823	345	1,698	534	1,773	69	14	38	7	378	1,507	1,867	
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	4,022	38	401	609	85	178	168	376	425	147	135	888	338	234	
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	1,019	119	187	92	36	42	27	99	26	15	13	160	134	69	
電力設備製造業 Manufacture of Electrical Equipment Sectors	1,207	89	178	103	101	133	130	49	4	5	7	129	119	160	
機械設備製造業 Manufacture of Machinery and Equipment Sectors	4,762	104	293	348	1,386	242	658	84	23	82	24	527	371	620	
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	975	10	48	95	103	164	110	6	-	13	-	59	83	284	
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	1,080	7	21	59	183	62	366	3	-	4	-	81	100	194	
家具製造業 Manufacture of Furniture Sectors	333	5	19	11	54	10	53	12	-	-	-	10	39	120	
其他製造業 Other Manufacturing Sectors	949	19	79	37	68	102	74	54	27	26	7	67	126	263	
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	346	25	1	18	13	9	93	1	2	15	3	60	73	33	
電力及燃氣供應業 Electricity and Gas Supply Sectors	1,837	329	8	14	2	9	278	7	9	9	-	251	569	352	
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	1,005	61	23	68	29	34	186	42	3	4	1	181	235	138	
營 造 業 Construction Sector	51,377	13,971	3,177	3,196	2,017	336	8,079	210	196	104	111	5,458	7,140	7,382	
批發及零售業 Wholesale and Retail Trade Sectors	9,441	1,066	695	459	189	210	1,603	49	12	9	5	1,514	822	2,808	
運輸及倉儲業 Transportation and Storage Sector	2,995	343	103	287	58	54	884	30	2	6	-	249	544	435	
住宿及餐飲業 Accommodation and Food Service Activities	2,032	667	131	96	-	3	157	-	1	-	-	234	179	564	
資訊及通訊傳播業 Information and Communication Sectors	720	298	38	8	7	5	131	12	4	-	-	107	56	54	
金融及保險業 Financial and Insurance Activities	182	89	5	7	-	6	16	-	-	-	-	11	10	38	
不動產業 Real Estate Activities	476	99	14	21	-	6	173	-	-	-	-	37	33	93	
專業、科學及技術服務業 Professional, Scientific and Technical Activities	2,647	1,079	81	111	27	30	373	26	62	13	-	273	165	407	
支援服務業 Support Service Activities	3,377	1,161	68	119	21	50	656	14	11	4	2	276	262	733	
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	404	51	42	6	19	6	106	-	-	-	-	59	40	75	
教 育 服 務 業 Education Sectors	835	190	8	24	29	-	156	-	1	-	-	32	179	216	
醫療保健及社會工作服務業 Human Health and Social Work Activities	1,564	427	45	64	-	3	181	-	-	-	1	163	110	570	
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	338	182	15	5	5	-	22	-	-	-	-	28	47	34	
其 他 服 務 業 Other Service Activities	1,409	835	40	28	7	27	121	1	25	2	-	41	69	213	

表 2-6 勞工分業勞動條件檢查次數
Table 2-6 Number Of Working Condition Inspections By Industry Category

中華民國108年
Year 2019

單位：場次
Unit: inspection

行 業 別 Industry Type	總受檢場次 Total Inspections	初 查 Preliminary Investigation		複 查 Reexamination		
		場 次 Inspection	初 查 比 率 (%) Preliminary Investigation Ratio (%)	場 次 Inspection	複 查 比 率 (%) Reexamination Ratio (%)	複 查 率 (%) Reexamination Rate (%)
總 計 Total	40,466	37,693	93.15	2,773	6.85	7.36
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	105	102	97.14	3	2.86	2.94
礦業及土石採取業 Mining and Quarrying Sectors	17	15	88.24	2	11.76	13.33
製 造 業 Manufacturing Sectors	7,827	7,407	94.63	420	5.37	5.67
食品製造業 Manufacture of Food Products Sectors	823	777	94.41	46	5.59	5.92
飲料製造業 Manufacture of Beverages Sectors	63	60	95.24	3	4.76	5.00
菸草製造業 Manufacture of Tobacco Products Sectors	9	9	100.00	-	-	-
紡 織 業 Manufacture of Textiles Sectors	265	255	96.23	10	3.77	3.92
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	118	116	98.31	2	1.69	1.72
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	43	42	97.67	1	2.33	2.38
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	58	58	100.00	-	-	-
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	144	137	95.14	7	4.86	5.11
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	124	120	96.77	4	3.23	3.33
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	29	23	79.31	6	20.69	26.09
化學材料製造業 Manufacture of Chemical Material Sectors	259	218	84.17	41	15.83	18.81
化學製品製造業 Manufacture of Chemical Products Sectors	300	271	90.33	29	9.67	10.70
藥品製造業 Medicines Manufacturing Sectors	113	111	98.23	2	1.77	1.80
橡膠製品製造業 Manufacture of Rubber Products Sectors	115	106	92.17	9	7.83	8.49
塑膠製品製造業 Manufacture of Plastics Products Sectors	517	485	93.81	32	6.19	6.60
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	304	289	95.07	15	4.93	5.19
基本金屬製造業 Manufacture of Basic Metals Sectors	232	224	96.55	8	3.45	3.57
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	1,109	1,078	97.20	31	2.80	2.88
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	830	768	92.53	62	7.47	8.07
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	425	399	93.88	26	6.12	6.52
電力設備製造業 Manufacture of Electrical Equipment Sectors	378	360	95.24	18	4.76	5.00
機械設備製造業 Manufacture of Machinery and Equipment Sectors	739	701	94.86	38	5.14	5.42
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	209	202	96.65	7	3.35	3.47
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	176	169	96.02	7	3.98	4.14
家具製造業 Manufacture of Furniture Sectors	106	104	98.11	2	1.89	1.92
其他製造業 Other Manufacturing Sectors	270	262	97.04	8	2.96	3.05
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	69	63	91.30	6	8.70	9.52
電力及燃氣供應業 Electricity and Gas Supply Sectors	104	97	93.27	7	6.73	7.22
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	172	160	93.02	12	6.98	7.50
營 造 業 Construction Sector	1,579	1,530	96.90	49	3.10	3.20
批發及零售業 Wholesale and Retail Trade Sectors	7,087	6,845	96.59	242	3.41	3.54
運輸及倉儲業 Transportation and Storage Sector	4,112	3,374	82.05	738	17.95	21.87
住宿及餐飲業 Accommodation and Food Service Activities	4,606	4,396	95.44	210	4.56	4.78
資訊及通訊傳播業 Information and Communication Sectors	1,044	982	94.06	62	5.94	6.31
金融及保險業 Financial and Insurance Activities	957	919	96.03	38	3.97	4.13
不動產業 Real Estate Activities	547	513	93.78	34	6.22	6.63
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1,251	1,208	96.56	43	3.44	3.56
支 援 服 務 業 Support Service Activities	2,704	2,548	94.23	156	5.77	6.12
公共行政及國防：強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	115	110	95.65	5	4.35	4.55
教 育 服 務 業 Education Sectors	1,741	1,679	96.44	62	3.56	3.69
醫療保健及社會工作服務業 Human Health and Social Work Activities	4,068	3,695	90.83	373	9.17	10.09
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	1,034	787	76.11	247	23.89	31.39
其 他 服 務 業 Other Service Activities	1,396	1,326	94.99	70	5.01	5.28

說明：1.初查比率＝初查場次÷總受檢場次×100。
2.複查比率＝複查場次÷總受檢場次×100。
3.複查率＝複查場次÷初查場次×100。
Explanation: 1.Preliminary Investigation Ratio＝ number of preliminary investigations ÷ total number of inspections × 100
2.Reexamination Ratio＝ number of reexaminations ÷ total number of inspections × 100
3.Reexamination Rate＝number of reexaminations ÷ number of preliminary investigations × 100

表 2-16 職業安全衛生檢查次數
Table 2-16 Number of occupational safety and health inspections

行 業 別 Industry Type	中華民國108年 Year 2019		單位：場次 Unit: inspection			
	總受檢 場 次 Total Inspections	初 查 Preliminary Investigation		複 查 Reexamination		
		場 次 Inspection	初查比率(%) Preliminary Investigation Ratio(%)	場 次 Inspection	複查比率(%) Reexamination Ratio(%)	複查率 Reexamination Rate
總 計 Total	125,798	100,284	79.72	25,514	20.28	25.44
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	971	862	88.77	109	11.23	12.65
礦業及土石採取業 Mining and Quarrying Sectors	94	91	96.81	3	3.19	3.30
製 造 業 Manufacturing Sectors	44,094	37,647	85.38	6,447	14.62	17.12
食品製造業 Manufacture of Food Products Sectors	2,538	2,174	85.66	364	14.34	16.74
飲料製造業 Manufacture of Beverages Sectors	398	308	77.39	90	22.61	29.22
菸草製造業 Manufacture of Tobacco Products Sectors	35	25	71.43	10	28.57	40.00
紡 織 業 Manufacture of Textiles Sectors	1,106	956	86.44	150	13.56	15.69
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	116	109	93.97	7	6.03	6.42
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	222	195	87.84	27	12.16	13.85
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	200	183	91.50	17	8.50	9.29
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	754	641	85.01	113	14.99	17.63
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	432	380	87.96	52	12.04	13.68
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	383	253	66.06	130	33.94	51.38
化學材料製造業 Manufacture of Chemical Material Sectors	2,984	2,193	73.49	791	26.51	36.07
化學製品製造業 Manufacture of Chemical Products Sectors	3,144	2,609	82.98	535	17.02	20.51
藥品製造業 Medicines Manufacturing Sectors	597	509	85.26	88	14.74	17.29
橡膠製品製造業 Manufacture of Rubber Products Sectors	573	512	89.35	61	10.65	11.91
塑膠製品製造業 Manufacture of Plastics Products Sectors	2,804	2,498	89.09	306	10.91	12.25
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	1,466	1,302	88.81	164	11.19	12.60
基本金屬製造業 Manufacture of Basic Metals Sectors	2,352	1,837	78.10	515	21.90	28.03
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	9,297	8,147	87.63	1,150	12.37	14.12
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	4,022	3,391	84.31	631	15.69	18.61
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	1,019	871	85.48	148	14.52	16.99
電力設備製造業 Manufacture of Electrical Equipment Sectors	1,207	1,038	86.00	169	14.00	16.28
機械設備製造業 Manufacture of Machinery and Equipment Sectors	4,762	4,311	90.53	451	9.47	10.46
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	975	867	88.92	108	11.08	12.46
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	1,080	886	82.04	194	17.96	21.90
家具製造業 Manufacture of Furniture Sectors	333	309	92.79	24	7.21	7.77
其他製造業 Other Manufacturing Sectors	949	838	88.30	111	11.70	13.25
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	346	305	88.15	41	11.85	13.44
電力及燃氣供應業 Electricity and Gas Supply Sectors	1,837	1,185	64.51	652	35.49	55.02
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	1,005	876	87.16	129	12.84	14.73
營 造 業 Construction Sector	51,377	37,369	72.73	14,008	27.27	37.49
批發及零售業 Wholesale and Retail Trade Sectors	9,441	8,672	91.85	769	8.15	8.87
運輸及倉儲業 Transportation and Storage Sector	2,995	2,436	81.34	559	18.66	22.95
住宿及餐飲業 Accommodation and Food Service Activities	2,032	1,866	91.83	166	8.17	8.90
資訊及通訊傳播業 Information and Communication Sectors	720	566	78.61	154	21.39	27.21
金融及保險業 Financial and Insurance Activities	182	162	89.01	20	10.99	12.35
不動產業 Real Estate Activities	476	413	86.76	63	13.24	15.25
專業、科學及技術服務業 Professional, Scientific and Technical Activities	2,647	1,962	74.12	685	25.88	34.91
支 援 服 務 業 Support Service Activities	3,377	2,338	69.23	1,039	30.77	44.44
公共行政及國防：強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	404	339	83.91	65	16.09	19.17
教 育 服 務 業 Education Sectors	835	759	90.90	76	9.10	10.01
醫療保健及社會工作服務業 Human Health and Social Work Activities	1,564	1,384	88.49	180	11.51	13.01
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	338	303	89.64	35	10.36	11.55
其 他 服 務 業 Other Service Activities	1,409	1,054	74.80	355	25.20	33.68

說明：1.初查比率＝初查場次÷總受檢場次×100。
2.複查比率＝複查場次÷總受檢場次×100。
3.複查率＝複查場次÷初查場次×100。
Explanation: 1.Preliminary Investigation Ratio＝ number of preliminary investigations ÷ total number of inspections × 100
2.Reexamination Ratio＝ number of reexaminations ÷ total number of inspections × 100
3.Reexamination Rate＝number of reexaminations ÷ number of preliminary investigations × 100

表 7-1 職業安全衛生法重大職業災害各
Table 7-1 Analysis of data concerning major occupational accidents in

中華民國
From 20

年 別 Years	重大職災 件數 Number of Major Occupational Accidents	項目 Items	死 亡 Death							
			台灣省 Taiwan Province	新北市 New Taipei City	台北市 Taipei City	桃園市 Taoyuan City	台中市 Taichung City	台南市 Tainan City	高雄市 Kaohsiung City	小計 Total
民國95年 2006	358	人 數 Number	300		30				38	368
		百分比 Percentage	66.8		6.7				8.5	82.0
民國96年 2007	298	人 數 Number	247		28				23	298
		百分比 Percentage	71.8		8.1				6.7	86.6
民國97年 2008	337	人 數 Number	292		24				14	330
		百分比 Percentage	75.1		6.1				3.6	84.8
民國98年 2009	240	人 數 Number	208		16				15	239
		百分比 Percentage	76.8		5.9				5.5	88.2
民國99年 2010	280	人 數 Number	266		14				12	292
		百分比 Percentage	78.2		4.1				3.6	85.9
民國100年 2011	285	人 數 Number	248		19				14	281
		百分比 Percentage	72.5		5.6				4.1	82.2
民國101年 2012	333	人 數 Number	292		15				22	329
		百分比 Percentage	74.5	0.0	3.8		0.0		5.6	83.9
民國102年 2013	315	人 數 Number	229	25	11		1		47	313
		百分比 Percentage	68.1	7.4	3.3		0.3		14.0	93.1
民國103年 2014	348	人 數 Number	250	27	15		6		47	346
		百分比 Percentage	64.4	7.0	4.1		1.6		12.1	89.2
民國104年 2015	343	人 數 Number	233	35	26		8		40	342
		百分比 Percentage	59.7	9.2	6.6		2.6		10.2	88.3
民國105年 2016	322	人 數 Number	216	37	12		16		40	321
		百分比 Percentage	58.2	10.0	3.2		4.3		10.8	86.5
民國106年 2017	312	人 數 Number	189	36	17	13	14	4	41	314
		百分比 Percentage	51.8	9.9	4.7	3.6	3.8	1.1	11.2	86.0
民國107年 2018	289	人 數 Number	178	22	17	15	14	1	38	285
		百分比 Percentage	52.0	6.4	5.0	4.4	4.1	0.3	11.1	83.3
民國108年 2019	310	人 數 Number	173	41	20	32	10	1	39	316
		百分比 Percentage	48.5	11.5	5.6	9.0	2.8	0.3	10.9	88.5

資料來源：台灣省部分包括新竹科學園區管理局、中部科學園區管理局、南部科學園區管理局及經濟部加工出口區管理處，新北市部分係新北市政府勞動檢查處，台北市部分係台北市勞動檢查處，桃園市部分係桃園市政府勞動檢查處，台南市係臺南市政府勞工局勞動檢查中心，台中市部分係台中市勞動檢查處，高雄市部分係高雄市政府勞工局勞動檢查處。

說 明：重大職業災害傷亡情形統計，108年全國重大職業災害發生件數為312件，傷亡人數計357人。

Data Sources : Taiwan Province parts include Hsinchu Science Park Bureau; Central Taiwan Science Park Bureau; Southern Taiwan Science Park Bureau; Export Processing Zone Administration, MOEA; New Taipei City parts and New Taipei City Government Labor Inspection Office; Taipei City parts and Taipei City Labor Inspection Office; Taoyuan City parts and Taoyuan City Government Labor Inspection Office; Tainan City parts and Occupational Safety and Health Department, Labor Affairs Bureau of Tainan City Government; Taichung City parts and Taichung City Labor Inspection Office; Kaohsiung City parts and Kaohsiung City Government Labor Inspection Office, Labor Affairs Bureau

Explanation: With regard to casualties in major occupational accident, the 312 major occupational accidents occurring in 2019 involved 357 casualties

項資料統計分析
nder the Occupational Safety and Health Act

95年至108年
2006 to 2019

重 傷 Serious Physical Injury							
台灣省 Taiwan Province	新北市 New Taipei City	台北市 Taipei City	桃園市 Taoyuan City	台中市 Taichung City	台南市 Tainan City	高雄市 Kaohsiung City	小計 Total
22		5				2	29
4.9		1.1				0.4	6.4
23		3				1	27
6.7		0.9				0.3	7.9
26		-				-	26
6.7		0.0				0.0	6.7
11		-				-	11
4.1		0.0				0.0	4.1
27		-				-	27
7.9		0.0				0.0	7.9
29		-				-	29
8.5		0.0				0.0	8.5
24		-				2	26
6.2		0.0				0.5	6.7
3	1	1		-		3	8
0.9	0.3	0.3		0.0		0.9	2.4
13	-	-		-		1	14
3.3	0.0	0.0		0.0		0.3	3.6
19	-	2		6		-	27
4.9	0.0	0.5		1.5		0.0	6.9
3	-	-		8		1	12
0.8	0.0	0.0		2.2		0.3	3.2
6	-	-	-	1	-	1	8
1.6	-	-	-	0.3	0.0	0.3	2.2
13	2	-	-	3	-	4	22
3.8	1	-	-	0.9	0.0	1.1	6.3
16	6	-	-	1	-	-	23
4.5	1.7	0.0	0.0	0.3	0.0	0.0	6.4

表 7-1 職業安全衛生法重大職業災害各項資料統計分析(續完)

Table 7-1 Analysis of data concerning major occupational accidents under the Occupational Safety and Health Act (continued)

中華民國95年至108年
From 2006 to 2019

年 別 Years	項目 Items	輕 傷 Minor Injury								總 計 Total
		台灣省 Taiwan Province	新北市 New Taipei City	台北市 Taipei City	桃園市 Taoyuan City	台中市 Taichung City	台南市 Tainan City	高雄市 Kaohsiung City	小計 Total	
民國95年 2006	人 數 Number	34		1				17	52	449
	百分比 Percentage	7.6		0.2				3.8	11.6	100.0
民國96年 2007	人 數 Number	14		1				4	19	344
	百分比 Percentage	4.0		0.3				1.2	5.5	100.0
民國97年 2008	人 數 Number	26		-				7	33	389
	百分比 Percentage	6.7		0.0				1.8	8.5	100.0
民國98年 2009	人 數 Number	20		-				1	21	271
	百分比 Percentage	7.4		0.0				0.3	7.7	100.0
民國99年 2010	人 數 Number	16		4				1	21	340
	百分比 Percentage	4.7		1.2				0.3	6.2	100.0
民國100年 2011	人 數 Number	31		1				-	32	342
	百分比 Percentage	9.0		0.3				0.0	9.3	100.0
民國101年 2012	人 數 Number	35		-				2	37	392
	百分比 Percentage	8.9	0.0	0.0		0.0		0.5	9.4	100.0
民國102年 2013	人 數 Number	8	1	1		-		5	15	336
	百分比 Percentage	2.4	0.3	0.3		0.0		1.5	4.5	100.0
民國103年 2014	人 數 Number	22	-	3		2		1	28	388
	百分比 Percentage	5.6	0.0	0.8		0.5		0.3	7.2	100.0
民國104年 2015	人 數 Number	14	3	-		-		2	19	392
	百分比 Percentage	3.5	0.8	0.0		0.0		0.5	4.8	100.0
民國105年 2016	人 數 Number	31	-	-		3		4	38	371
	百分比 Percentage	8.4	0.0	0.0		0.8		1.1	10.2	100.0
民國106年 2017	人 數 Number	15	4	-	-	3	-	21	43	365
	百分比 Percentage	4.1	1.1	0.0	0.0	0.8	0.0	5.8	11.8	100.0
民國107年 2018	人 數 Number	15	8	2	4	2	-	6	37	342
	百分比 Percentage	4.3	2.3	0.5	1.1	0.5	0.0	1.7	10.4	100.0
民國108年 2019	人 數 Number	9	4	-	1	2	-	2	18	357
	百分比 Percentage	2.5	1.1	0.0	0.3	0.6	0.0	0.6	5.0	100.0

表 7-2 職業安全衛生法適用行業工作場所重大職業災害死亡千人率
Table 7-2 Rate of major occupational accident fatalities per 1,000 persons in workplaces in industries subject to the Occupational Safety and Health Act

年 別 Years	合 計 Total			營 造 業 Construction Sector		
	僱工人數 (千人) Number of employees	死亡 人數 Number of Fatalities	死 亡 千人率 Rate of fatalities per 1,000 persons	僱工人數 (千人) Number of employees	死亡 人數 Number of Fatalities	死 亡 千人率 Rate of fatalities per 1,000 persons
99年						
2010	6,742	292	0.0433	721	133	0.1844
100年						
2011	6,907	281	0.0406	729	127	0.1742
101年						
2012	6,910	329	0.0476	704	151	0.2145
102年						
2013	7,077	313	0.0442	683	171	0.2504
103年						
2014	9,920	346	0.0349	685	168	0.2453
104年						
2015	10,747	342	0.0318	840	156	0.1857
105年						
2016	11,267	321	0.0285	899	147	0.1635
106年						
2017	11,352	314	0.0277	901	142	0.1576
107年						
2018	10,988	285	0.0259	844	124	0.1469
108年						
2019	11,052	316	0.0286	847	168	0.1983

年 別 Years	製 造 業 Manufacturing Sector			其他行業 Other Sector		
	僱工人數 (千人) Number of employees	死亡 人數 Number of Fatalities	死 亡 千人率 Rate of fatalities per 1,000 persons	僱工人數 (千人) Number of employees	死亡 人數 Number of Fatalities	死 亡 千人率 Rate of fatalities per 1,000 persons
99年						
2010	2,935	97	0.0330	3,086	62	0.0201
100年						
2011	2,988	100	0.0334	3,190	54	0.0169
101年						
2012	2,990	110	0.0368	3,216	68	0.0211
102年						
2013	3,108	87	0.0280	3,286	55	0.0167
103年						
2014	3,169	90	0.0284	6,066	88	0.0145
104年						
2015	2,919	91	0.0312	6,988	95	0.0136
105年						
2016	3,028	96	0.0317	7,340	78	0.0106
106年						
2017	3,045	88	0.0289	7,406	84	0.0113
107年						
2018	2,961	79	0.0267	7,183	82	0.0114
108年						
2019	2,969	75	0.0253	7,236	73	0.0101

附 註：

- 1.僱工人數資料來源：行政院主計總處「108年人力資源調查統計年報」。
- 2.「僱工人數」指不包含雇主之就業者。
- 3.職業安全衛生法自103年7月起，擴大適用於各業的所有工作者（包括受僱勞工、自營作業者及其他受工作場所負責人指揮或監督從事勞動之人員）。

Note:

1. Source of data concerning number of employees:
"2019 Taiwan Area Human Resources Survey Statistics Annual Report" issued by the Directorate General of Budget, Accounting and Statistics, Executive Yuan
2. Number of employees refers to employed persons not including employers
3. Since July 2014, the applicability of the Occupational Safety and Health Act has been expanded to include all workers in all industries (including employed workers, self-employed workers, and other personnel who work under the direction or supervision of a workplace supervisor)

表 7-3 職業安全衛生法適用行業工作場所重大職業災害死亡人數

Table 7-3 Major occupational accident fatalities in workplaces in industries subject to the Occupational Safety and Health Act

單位：人
Unit: persons

年 別 Years		計 Total	職業安全衛生署 Occupational Safety and Health Administration			新北市政府 府勞動檢 查處 New TaipeiCity Governme nt Labor Inspection Office	臺北市 勞動檢 查處 Taipei City Labor Inspection Office	桃園市政 府勞動檢 查處 Office of Labor Inspection, Taoyuan	臺中市 勞動檢 查處 Taichung City Labor Inspection Office	臺南市政 府勞工局 勞動檢查 中心 Occupational Safety and Health Department, Labor Affairs Bureau of Tainan City	高雄市政 府勞工局 勞動檢查 處 Labor Standard Inspection Office, Labor Affairs Bureau, Kaohsiung City Government	經濟部 加工出 口區管 理處 Export Processing Zone Administra tion, MOEA	科技部 Ministry of Science and Technology		
			北區 中心 Occupational Safety and Health Center in Northern Taiwan	中區 中心 Occupational Safety and Health Center in Central Taiwan	南區 中心 Occupational Safety and Health Center in Southern Taiwan								竹科 Hsinchu Science Park	中科 Central Taiwan Science Park	南科 Southern Taiwan Science Park
99 年															
2010 年		292	92	98	67	-	14	-	-	-	12	4	2	1	2
2011 年		281	107	52	82	-	19	-	-	-	14	2	1	1	3
2012 年		329	111	86	85	0	15	-	0	-	22	3	4	2	1
2013 年		313	83	76	67	25	11	-	1	-	47	1	0	0	2
2014 年		346	101	96	49	27	15	-	6	-	47	2	1	1	1
2015 年		342	98	84	47	35	26	-	9	-	40	0	0	2	1
2016 年		321	94	71	41	37	12	-	16	-	40	2	3	2	3
2017 年		314	73	54	59	36	17	13	14	4	41	0	0	3	0
2018 年		285	59	62	54	22	17	15	14	1	38	3	0	0	0
2019 年		316	43	79	44	41	20	32	10	1	39	1	1	2	3
1 月 January		16	2	6	4	0	2	0	0	0	2	0	0	0	0
2 月 February		20	1	7	1	1	0	4	1	0	5	0	0	0	0
3 月 March		17	5	4	3	1	1	1	0	0	2	0	0	0	0
4 月 April		36	3	13	5	6	1	3	1	0	3	0	1	0	0
5 月 May		28	5	4	5	2	0	3	0	0	6	1	0	0	2
6 月 June		30	5	8	3	4	1	2	1	0	6	0	0	0	0
7 月 July		30	3	1	4	6	3	4	2	0	6	0	0	1	0
8 月 August		41	7	10	5	3	4	6	2	0	4	0	0	0	0
9 月 September		22	2	7	3	5	1	1	2	0	0	0	0	0	1
10 月 October		24	5	4	5	1	1	4	1	0	3	0	0	0	0
11 月 November		27	3	8	4	5	4	2	0	0	1	0	0	0	0
12 月 December		25	2	7	2	7	2	2	0	1	1	0	0	1	0
108年12月1日至 108年12月31日 止較上年同期增 減 Increase/decrease year over year (from December 1, 2019 to December 31, 2019)	人數 Number (%)	5	-2	1	-5	6	1	2	0	1	0	0	0	1	0
108年1月1日至 108年12月31日 止與上年同期增 減 Increase/decrease year over year (from January 1, 2019 to December 31, 2019)	人數 Number (%)	31	-16	17	-10	19	3	17	-4	0	1	-2	1	2	3
		11%	-27%	27%	-19%	86%	18%	113%	-29%	0%	3%	-67%	-	-	

說明：1.本年係108年；上年係107年。

2.不包含職業災害認定中死亡人數0人。

Explanation:

1. This year is year 2019; last year was 2018.

2. Does not include occupational accidents in which the suspected number of fatalities is 0.

表 8-1 職業災害統計概況按全產業分
Table 8-1 The statistical overview of occupational accidents is based on all industries

中華民國108年 Year 2019													
行 業 別 Industry Type	陳報事業 單 位 數 (家) Number of Reporting Enterprises (companies)	百 分 比 Percentage (%)	僱 用 勞 工 人 數 (人) Hiring Workers	百 分 比 Percentage (%)	總 工 作 日 數 (工 作 天) Total Number of Work Days	百 分 比 Percentage (%)	總 經 歷 工 時 (時) Total Manhours Worked (Hours)	百 分 比 Percentage (%)	失 能 傷 害 次 數 (人 次) Number of Disabling Injury Severity	百 分 比 Percentage (%)	失 能 傷 害 頻 率 Disabling Injury Frequency Rate (DIFR)	已 結 案 之 失 能 傷 害 次 (人 次) Number of Closed Disabling Injury Cases (person-times)	百 分 比 Percentage (%)
全 產 業 Whole Industry	21,768	100.00	4,509,338	100.00	1,103,867,440	100.00	8,934,375,509	100.00	11,318	100.00	1.26	11,318	100.00
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	61	0.28	7,134	0.16	1,698,449	0.15	13,326,837	0.15	39	0.34	2.92	39	0.34
礦業及土石採取業 Mining and Quarrying Sectors	44	0.20	3,426	0.08	867,211	0.08	7,037,367	0.08	10	0.09	1.42	10	0.09
製 造 業 Manufacturing Sectors	9,846	45.23	1,802,426	39.97	443,030,448	40.13	3,641,896,940	40.76	4,729	41.78	1.29	4,729	41.78
食品製造業 Manufacture of Food Products Sectors	637	2.93	97,048	2.15	24,370,460	2.21	196,872,245	2.20	456	4.03	2.31	456	4.03
飲料製造業 Manufacture of Beverages Sectors	52	0.24	9,654	0.21	2,189,561	0.20	18,019,779	0.20	31	0.27	1.72	31	0.27
菸草製造業 Manufacture of Tobacco Products Sectors	6	0.03	1,409	0.03	348,705	0.03	2,717,131	0.03	-	-	-	-	-
紡 織 業 Manufacture of Textiles Sectors	408	1.87	56,372	1.25	14,290,848	1.29	116,192,480	1.30	185	1.63	1.59	185	1.63
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	150	0.69	12,732	0.28	3,128,320	0.28	24,992,422	0.28	31	0.27	1.24	31	0.27
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	89	0.41	12,451	0.28	3,089,049	0.28	24,867,466	0.28	31	0.27	1.24	31	0.27
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	43	0.20	3,031	0.07	747,246	0.07	5,988,070	0.07	13	0.11	2.17	13	0.11
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	184	0.85	24,626	0.55	6,141,211	0.56	50,092,078	0.56	93	0.82	1.85	93	0.82
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	114	0.52	11,665	0.26	2,872,499	0.26	23,411,682	0.26	48	0.42	2.05	48	0.42
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	14	0.06	4,976	0.11	1,190,559	0.11	9,843,160	0.11	1	0.01	0.10	1	0.01
化學材料製造業 Manufacture of Chemical Material Sectors	291	1.34	64,261	1.43	15,626,199	1.42	127,353,240	1.43	151	1.33	1.18	151	1.33
化學製品製造業 Manufacture of Chemical Products Sectors	341	1.57	33,391	0.74	8,057,760	0.73	64,917,253	0.73	81	0.72	1.24	81	0.72
藥品製造業 Medicines Manufacturing Sectors	183	0.84	24,018	0.53	5,927,556	0.54	47,648,783	0.53	95	0.84	1.99	95	0.84
橡膠製品製造業 Manufacture of Rubber Products Sectors	150	0.69	28,786	0.64	7,158,915	0.65	59,282,383	0.66	159	1.40	2.68	159	1.40
塑膠製品製造業 Manufacture of Plastics Products Sectors	540	2.48	73,791	1.64	18,263,091	1.65	148,350,915	1.66	222	1.96	1.49	222	1.96
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	307	1.41	39,823	0.88	9,936,297	0.90	81,656,118	0.91	171	1.51	2.09	171	1.51
基本金屬製造業 Manufacture of Basic Metals Sectors	301	1.38	57,321	1.27	14,364,823	1.30	118,531,671	1.33	193	1.71	1.62	193	1.71
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	1,492	6.85	161,319	3.58	39,951,184	3.62	329,446,401	3.69	599	5.29	1.81	599	5.29
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	1,392	6.39	548,133	12.16	133,580,445	12.10	1,116,027,121	12.49	888	7.85	0.79	888	7.85
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	698	3.21	177,231	3.93	42,836,374	3.88	352,713,320	3.95	263	2.32	0.74	263	2.32
電力設備製造業 Manufacture of Electrical Equipment Sectors	508	2.33	73,603	1.63	18,115,815	1.64	147,999,833	1.66	208	1.84	1.40	208	1.84
機械設備製造業 Manufacture of Machinery and Equipment Sectors	916	4.21	111,347	2.47	27,431,811	2.49	221,555,199	2.48	312	2.76	1.40	312	2.76
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	290	1.33	53,864	1.19	13,251,010	1.20	108,584,895	1.22	129	1.14	1.18	129	1.14
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	269	1.24	57,154	1.27	14,094,453	1.28	113,795,215	1.27	158	1.40	1.38	158	1.40
家具製造業 Manufacture of Furniture Sectors	91	0.42	9,525	0.21	2,370,793	0.21	19,419,941	0.22	37	0.33	1.90	37	0.33
其他製造業 Other Manufacturing Sectors	344	1.58	49,189	1.09	12,286,977	1.11	100,180,550	1.12	153	1.35	1.52	153	1.35
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	36	0.17	5,706	0.13	1,408,487	0.13	11,437,589	0.13	21	0.19	1.83	21	0.19
電力及燃氣供應業 Electricity and Gas Supply Sectors	124	0.57	37,278	0.83	9,377,181	0.85	76,977,733	0.86	27	0.24	0.35	27	0.24
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	214	0.98	32,622	0.72	8,112,417	0.73	63,894,841	0.72	181	1.60	2.83	181	1.60
營 造 業 Construction Sector	1,096	5.03	127,001	2.82	32,476,507	2.94	258,917,998	2.90	256	2.26	0.98	256	2.26
批發及零售業 Wholesale and Retail Trade Sectors	2,562	11.77	437,057	9.69	108,008,662	9.78	857,967,739	9.60	1091	9.64	1.27	1091	9.64
運輸及倉儲業 Transportation and Storage Sector	826	3.79	384,105	8.52	95,276,594	8.63	770,863,349	8.63	1,502	13.27	1.94	1,502	13.27
住宿及餐飲業 Accommodation and Food Service Activities	1,584	7.28	179,219	3.97	44,215,333	4.01	346,387,805	3.88	1,132	10.00	3.26	1,132	10.00
資訊及通訊傳播業 Information and Communication Sectors	530	2.43	140,876	3.12	33,130,479	3.00	263,519,732	2.95	102	0.90	0.38	102	0.90
金融及保險業 Financial and Insurance Activities	934	4.29	298,729	6.62	73,709,181	6.68	584,121,241	6.54	270	2.39	0.46	270	2.39
不動產業 Real Estate Activities	218	1.00	32,252	0.72	8,358,705	0.76	68,805,921	0.77	159	1.40	2.31	159	1.40
專業、科學及技術服務業 Professional, Scientific and Technical Activities	584	2.68	133,563	2.96	32,500,199	2.94	257,574,353	2.88	127	1.12	0.49	127	1.12
支援服務業 Support Service Activities	781	3.59	168,643	3.74	43,260,359	3.92	376,880,696	4.22	374	3.30	0.99	374	3.30
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	192	0.88	56,108	1.24	13,950,113	1.26	112,362,684	1.26	292	2.58	2.59	292	2.58
教育服務業 Education Sectors	802	3.68	280,750	6.23	62,495,745	5.66	482,234,387	5.40	92	0.81	0.19	92	0.81
醫療保健及社會工作服務業 Human Health and Social Work Activities	745	3.42	324,372	7.19	78,571,148	7.12	627,278,140	7.02	685	6.05	1.09	685	6.05
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	275	1.26	25,911	0.57	5,808,027	0.53	53,297,222	0.60	172	1.52	3.22	172	1.52
其他服務業 Other Service Activities	350	1.61	37,866	0.84	9,020,682	0.82	71,030,524	0.80	78	0.69	1.09	78	0.69

說明：1.陳報事業單位百分比＝陳報事業單位數÷全產業陳報數×100。
2.僱用勞工人數百分比＝僱用勞工人數÷僱用勞工總人數×100。
3.總工作日數百分比＝工作日數÷總工作日數×100。
4.總經歷工時百分比＝經歷工時÷總經歷工時×100。
5.失能傷害次數百分比＝失能傷害次數÷失能傷害總次數×100。
6.已結案之失能傷害次數百分比＝已結案失能傷害次數÷已結案失能傷害總次數×100。
7.死亡人數百分比＝死亡人數÷死亡總人數×100。

Explanation:

1. Percentage of reporting enterprises= number of reporting enterprises÷whole industry number of reports×100
2. Percentage of hired workers= hired workers÷total number of hired workers×100
3. Percentage of work days= work days÷total number of work days×100
4. Percentage of man-hours worked= number of man-hours worked÷total man-hours worked×100
5. Percentage of disabling injuries= number of disabling injuries÷total number of disabling injuries×100
6. Percentage of closed disabling injury cases= number of closed disabling injury cases÷total number of closed disabling injury cases×100
7. Percentage of deaths= number of deaths÷total number of deaths×100

- 8.永久全失能人數百分比＝永久全失能人數÷永久全失能總人數×100。
9.永久部份失能人數百分比＝永久部份失能人數÷永久部份失能總人數×100。
10.暫時全失能百分比＝暫時全失能人數÷暫時全失能總人數×100。
11.總損失日數百分比＝損失日數÷總損失日數×100。
12.失能傷害頻率＝失能傷害次數×1,000,000÷總經歷工時。
13.失能傷害嚴重率＝總損失日數×1,000,000÷總經歷工時。
14.總傷害指數＝SQRT(失能傷害頻率×失能傷害嚴重率÷1000)。

8. Percentage of permanent total disabilities= number of permanent total disabilities÷total number of permanent total disabilities×100
9. Percentage of permanent partial disabilities= number of permanent partial disabilities÷total number of permanent partial disabilities×100
10. Percentage of temporary total disabilities= number of temporary total disabilities÷total number of temporary total disabilities×100
11. Percentage of total working days lost= number of working days lost÷total number of working days lost×100
12. Disabling injury frequency rate (DIFR)= number of disabling injury severity×1,000,000÷Total Man-hours Worked
13. Disabling injury severity rate (DISR)= total number of working days lost×1, 000, 000÷total man-hours worked
14. Frequency-severity indicator= SQRT (disabling injury frequency rate (DIFR)×disabling injury severity rate (DISR)÷1000)

表 8-1 職業災害統計概況按全產業分(續)
Table 8-1 The statistical overview of occupational accidents is based on all industries (continued)

中華民國108年 Year 2019												
行 業 別 Industry Type	已 結 案 之 失 能 傷 害 次 數 (人次) Number of Closed Disabling Injury Cases (person-times)								總 損 失 工 作 日 數 (日) Number of Working Days Lost	百 分 比 Percentage (%)	失能傷害 嚴 重 率 Disabling Injury Severity Rate (DISR)	總和傷害 指 數
	死 亡 (人) Number of Fatalities	百 分 比 Percentage (%)	永 久 全 失 能 (人) Number of Permanent Total Disability	百 分 比 Percentage (%)	永 久 全 失 能 (人) Number of Permanent Total Disability	百 分 比 Percentage (%)	暫時全失能 (人次) Number of Temporary Total Disability	百 分 比 Percentage (%)				
全 產 業 Whole Industry	93	100.00	6	100.00	199	100.00	11,020	100.00	894,157	100.00	100	0.35
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	1	1.08	-	-	-	-	38	0.34	6,925	0.77	519	1.23
礦業及土石採取業 Mining and Quarrying Sectors	2	2.15	-	-	1	0.50	7	0.06	12,231	1.37	1,738	1.57
製 造 業 Manufacturing Sectors	42	45.16	2	33.33	132	66.33	4,553	41.32	404,484	45.24	111	0.38
食品製造業 Manufacture of Food Products Sectors	1	1.08	-	-	13	6.53	442	4.01	20,920	2.34	106	0.49
飲料製造業 Manufacture of Beverages Sectors	-	-	-	-	4	2.01	27	0.25	968	0.11	53	0.30
菸草製造業 Manufacture of Tobacco Products Sectors	-	-	-	-	-	-	-	-	-	-	-	-
紡 織 業 Manufacture of Textiles Sectors	-	-	-	-	2	1.01	183	1.66	4,146	0.46	35	0.24
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	-	-	-	-	1	0.50	30	0.27	875	0.10	35	0.21
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	1	1.08	-	-	1	0.50	29	0.26	6,705	0.75	269	0.58
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	-	-	-	-	-	-	13	0.12	210	0.02	35	0.28
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	2	2.15	-	-	6	3.02	85	0.77	20,075	2.25	400	0.86
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	-	-	-	-	-	-	48	0.44	899	0.10	38	0.28
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	-	-	-	-	-	-	1	0.01	8	-	-	-
化學材料製造業 Manufacture of Chemical Material Sectors	7	7.53	-	-	4	2.01	140	1.27	47,842	5.35	375	0.67
化學製品製造業 Manufacture of Chemical Products Sectors	3	3.23	-	-	4	2.01	74	0.67	19,665	2.20	302	0.61
藥品製造業 Medicines Manufacturing Sectors	-	-	-	-	2	1.01	93	0.84	2,347	0.26	49	0.31
橡膠製品製造業 Manufacture of Rubber Products Sectors	1	1.08	-	-	7	3.52	151	1.37	15,591	1.74	262	0.84
塑膠製品製造業 Manufacture of Plastics Products Sectors	1	1.08	-	-	5	2.51	216	1.96	14,377	1.61	96	0.38
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	6	6.45	-	-	3	1.51	162	1.47	39,835	4.46	487	1.01
基本金屬製造業 Manufacture of Basic Metals Sectors	4	4.30	-	-	8	4.02	181	1.64	29,076	3.25	245	0.63
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	6	6.45	-	-	26	13.07	567	5.15	52,422	5.86	159	0.54
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	2	2.15	1	16.67	9	4.52	876	7.95	35,359	3.95	31	0.16
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	-	-	-	-	4	2.01	259	2.35	3,639	0.41	10	0.09
電力設備製造業 Manufacture of Electrical Equipment Sectors	1	1.08	1	16.67	5	2.51	201	1.82	19,120	2.14	129	0.42
機械設備製造業 Manufacture of Machinery and Equipment Sectors	5	5.38	-	-	10	5.03	297	2.70	42,521	4.76	191	0.52
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	-	-	-	-	12	6.03	117	1.06	4,287	0.48	39	0.21
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	1	1.08	-	-	2	1.01	155	1.41	9,448	1.06	83	0.34
家具製造業 Manufacture of Furniture Sectors	-	-	-	-	-	-	37	0.34	1,014	0.11	52	0.31
其他製造業 Other Manufacturing Sectors	-	-	-	-	4	2.01	149	1.35	6,601	0.74	65	0.31
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	1	1.08	-	-	-	-	20	0.18	6,534	0.73	571	1.02
電力及燃氣供應業 Electricity and Gas Supply Sectors	3	3.23	1	16.67	-	-	23	0.21	24,267	2.71	315	0.33
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	2	2.15	-	-	6	3.02	173	1.57	16,152	1.81	252	0.84
營 造 業 Construction Sector	13	13.98	1	16.67	10	5.03	232	2.11	100,892	11.28	389	0.62
批發及零售業 Wholesale and Retail Trade Sectors	5	5.38	2	33.33	7	3.52	1,077	9.77	71,582	8.01	83	0.32
運輸及倉儲業 Transportation and Storage Sector	10	10.75	-	-	6	3.02	1,486	13.48	93,647	10.47	121	0.48
住宿及餐飲業 Accommodation and Food Service Activities	1	1.08	-	-	15	7.54	1,116	10.13	22,674	2.54	65	0.46
資訊及通訊傳播業 Information and Communication Sectors	2	2.15	-	-	1	0.50	99	0.90	13,748	1.54	52	0.14
金融及保險業 Financial and Insurance Activities	1	1.08	-	-	2	1.01	267	2.42	12,894	1.44	22	0.10
不動產業 Real Estate Activities	-	-	-	-	-	-	159	1.44	4,051	0.45	58	0.37
專業、科學及技術服務業 Professional, Scientific and Technical Activities	-	-	-	-	-	-	127	1.15	3,544	0.40	13	0.08
支 援 服 務 業 Support Service Activities	4	4.30	-	-	6	3.02	364	3.30	34,176	3.82	90	0.30
公共行政及國防：強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	3	3.23	-	-	1	0.50	288	2.61	25,681	2.87	228	0.77
教 育 服 務 業 Education Sectors	1	1.08	-	-	-	-	91	0.83	11,218	1.25	23	0.07
醫療保健及社會工作服務業 Human Health and Social Work Activities	1	1.08	-	-	6	3.02	678	6.15	15,560	1.74	24	0.16
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	1	1.08	-	-	2	1.01	169	1.53	7,853	0.88	147	0.69
其 他 服 務 業 Other Service Activities	1	1.08	-	-	4	2.01	73	0.66	12,578	1.41	177	0.44

表 8-2 職業災害統計災害類型按行業分
Table 8-2 Occupational accident type by industry

中華民國108年 Year 2019																								Unit: person-times 單位：人次			
項 目 別 Items	行業別 比率 Industry Type Ratio (%)	總 計 Total	墜 落 滾 落 Falling Down	跌 倒 Mater Dropping	衝 撞 Crash or Dash	物 體 飛 落 Falling Objects	物 體 倒 塌 Collapsin g Objects	被 撞 Crashed	被 夾 捲 Rolling- Up	被 刺、 割、 擦 傷 Stabbing, Cutting and Abrasion	踩 踏 Tread Down	溺 斃 Drown	與高溫、 低溫 之接觸 Hot or Low Temperat ure	與有害 物等之 接 觸 Contact with Hazard	感 電 Electrical Shock	爆 炸 Explosio n	物 體 破 裂 Breaking	火 災 Fire	不 當 動 作 Improper Act	其 他 Others	無 法 歸 類 者 Non- Classifie d	交 通 事 故 Traffic Accident					
																						公 路 Highway	鐵 路 Railway	船舶、 航空器 Sea or Airborne Vessels	其 他 Others		
職業災害類型比率(%) Occupational Accident Type Ratio (%)	100.00		5.00	23.04	3.48	3.06	2.48	6.70	12.55	13.95	0.88	0.01	4.59	1.47	0.45	0.22	0.20	0.17	5.72	7.37	1.49	5.69	-	0.01	1.48		
全 產 業 Whole Industry		11,318	566	2,608	394	346	281	758	1,420	1,579	100	1	519	166	51	25	23	19	647	834	169	644	-	1	167		
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	0.34	39	2	10	1	-	3	4	2	3	-	-	-	-	-	-	-	-	1	7	2	2	-	-	2		
礦業及土石採取業 Mining and Quarrying Sectors	0.09	10	1	1	-	3	-	-	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-		
製 造 業 Manufacturing Sectors	41.78	4,729	182	835	144	186	130	292	1,085	781	40	-	200	119	20	19	15	9	254	278	45	60	-	1	34		
食品製造業 Manufacture of Food Products Sectors	4.03	456	11	119	12	6	10	29	79	85	1	-	43	2	1	1	2	-	29	14	3	4	-	-	5		
飲料製造業 Manufacture of Beverages Sectors	0.27	31	1	7	1	-	-	1	10	2	1	-	2	1	-	-	-	-	1	3	-	-	-	-	1		
菸草製造業 Manufacture of Tobacco Products Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
紡 織 業 Manufacture of Textiles Sectors	1.63	185	10	32	3	1	1	20	45	32	4	-	10	-	-	2	-	-	5	13	4	2	-	-	1		
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	0.27	31	1	12	2	2	-	7	3	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-		
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	0.27	31	-	5	2	1	-	1	9	7	1	-	1	-	-	-	-	-	-	4	-	-	-	-	-		
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	0.11	13	-	-	-	-	1	-	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	0.82	93	5	16	2	3	2	8	28	12	1	-	3	1	2	-	-	-	5	4	1	-	-	-	-		
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	0.42	48	1	8	2	-	1	2	17	10	-	-	1	-	-	-	-	-	5	-	-	1	-	-	-		
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	0.01	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
化學材料製造業 Manufacture of Chemical Material Sectors	1.33	151	5	21	4	1	6	7	19	12	4	-	22	13	1	4	1	3	11	9	6	2	-	-	-		
化學製品製造業 Manufacture of Chemical Products Sectors	0.72	81	4	18	1	1	1	4	15	8	-	-	-	15	3	-	-	2	3	2	1	2	-	-	1		
藥品製造業 Medicines Manufacturing Sectors	0.84	95	5	9	3	3	2	10	34	9	1	-	2	9	-	-	1	-	4	2	-	1	-	-	-		
橡膠製品製造業 Manufacture of Rubber Products Sectors	1.40	159	3	22	7	9	2	6	63	21	-	-	3	1	-	-	2	-	7	9	-	4	-	-	-		
塑膠製品製造業 Manufacture of Plastics Products Sectors	1.96	222	12	30	4	5	6	7	66	40	3	-	9	4	4	-	-	1	16	10	3	2	-	-	-		
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	1.51	171	16	23	8	4	1	11	34	49	1	-	7	1	3	-	-	-	4	7	-	2	-	-	-		
基本金屬製造業 Manufacture of Basic Metals Sectors	1.71	193	12	15	3	15	13	10	65	20	3	-	16	2	1	5	-	-	5	7	-	1	-	-	-		
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	5.29	599	18	66	25	25	23	34	159	127	4	-	17	6	2	1	3	-	34	45	3	4	-	-	3		
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	7.85	888	28	228	40	40	18	65	132	113	7	-	20	50	-	-	1	-	52	58	13	13	-	1	9		
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	2.32	263	10	64	5	14	9	28	33	44	-	-	5	4	-	-	1	-	15	22	2	4	-	-	3		
電力設備製造業 Manufacture of Electrical Equipment Sectors	1.84	208	5	30	3	7	14	7	60	26	1	-	10	-	-	5	-	-	12	16	2	7	-	-	3		
機械設備製造業 Manufacture of Machinery and Equipment Sectors	2.76	312	19	31	7	29	12	17	78	54	3	-	8	3	1	1	1	1	19	20	3	2	-	-	3		
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	1.14	129	4	18	1	5	1	4	38	24	2	-	5	2	1	-	2	-	10	8	1	1	-	-	2		
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	1.40	158	5	32	4	10	3	2	30	40	2	-	5	2	1	-	-	-	6	8	-	5	-	-	3		
家具製造業 Manufacture of Furniture Sectors	0.33	37	-	3	3	1	-	-	10	9	1	-	1	-	-	-	-	-	2	6	1	-	-	-	-		
其他製造業 Other Manufacturing Sectors	1.35	153	4	22	1	4	4	10	46	29	-	-	8	3	-	-	1	1	8	9	2	1	-	-	-		
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	0.19	21	2	4	1	-	-	2	3	2	-	-	2	-	-	-	-	1	1	1	-	2	-	-	-		
電力及燃氣供應業 Electricity and Gas Supply Sectors	0.24	27	-	6	-	2	1	2	3	1	-	-	-	1	2	-	-	-	-	1	1	6	-	-	1		
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	1.60	181	21	35	9	2	5	7	18	21	3	-	-	4	-	-	2	-	8	20	12	7	-	-	7		
營 造 業 Construction Sector	2.26	256	41	47	6	16	6	15	40	21	3	-	5	1	11	2	-	1	9	11	1	13	-	-	7		
批發及零售業 Wholesale and Retail Trade Sectors	9.64	1,091	52	232	45	47	45	122	71	181	8	-	39	7	3	1	1	1	68	87	15	48	-	-	18		
運輸及倉儲業 Transportation and Storage Sector	13.27	1,502	138	401	88	44	36	114	95	57	21	-	33	3	1	1	1	1	117	138	10	186	-	-	17		
住宿及餐飲業 Accommodation and Food Service Activities	10.00	1,132	16	259	30	20	22	52	38	296	4	-	197	8	1	1	2	-	53	40	19	69	-	-	5		
資訊及通訊傳播業 Information and Communication Sectors	0.90	102	12	40	1	-	2	14	1	5	3	-	-	-	1	-	1	-	-	6	-	13	-	-	3		
金融及保險業 Financial and Insurance Activities	2.39	270	3	138	5	-	-	16	6	6	2	-	1	1	-	-	-	-	3	9	1	61	-	-	18		
不動產業 Real Estate Activities	1.40	159	8	25	3	1	1	7	2	8	3	-	2	-	1	-	-	-	2	6	3	82	-	-	5		
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1.12	127	7	36	6	6	2	11	3	10	-	-	2	6	1	1	1	2	11	7	1	10	-	-	4		
支 援 服 務 業 Support Service Activities	3.30	374	22	146	15	3	3	34	17	25	4	-	2	2	2	-	-	2	12	27	14	26	-	-	18		
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	2.58	292	26	80	9	9	14	11	11	46	6	-	2	3	1	-	-	3	15	26	2	16	-	-	12		
教 育 服 務 業 Education Sectors	0.81	92	8	31	1	-	1	4	2	23	-	-	-	-	3	-	-	-	4	6	4	4	-	-	1		
醫療保健及社會工作服務業 Human Health and Social Work Activities	6.05	685	16	212	22	3	8	46	12	56	1	-	13	9	3	-	-	-	73	140	33	27	-	-	11		
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	1.52	172	5	50	8	4	1	3	6	29	2	-	21	2	1	-	-	-	13	20	5	1	-	-	1		
其 他 服 務 業 Other Service Activities	0.69	78	6	24	1	-	1	4	5	10	-	1	2	-	-	-	-	-	4	4	-	13	-	-	3		

說明：1.行業別比率＝各行業職業災害人次÷職業災害總人次×100。

2.職業災害類型比率＝各職業災害類型人次÷職業災害總人次×100。

Explanation:

1. Industry type ratio＝occupational accidents in industry (person-times)÷total occupational accidents (person-times)×100

2. Occupational accident type ratio＝number of occupational accidents of that type (person-times)÷total occupational accidents (person-times)×100

表 8-3 職業災害統計行業別與媒介物之關係按全產業分
Table 8-3 Relationship between industry type and sources of injuries of occupational accidents by whole industry sectors

中華民國108年
Year 2019

單位：人次
Unit: person-times

項 目 別 Items	總 計 Total	動 力 機 械 Dynamical Machine					裝 卸 搬 運 機 械 Loading, Unloading and Transportation Machine			其 他 設 備 Other Equipment								營 建 Constructi on	物 質 材 料 Materials		貨 物 Cargo	環 境 Environme nt	其 他 類 Others		
		原動機 Prime Mover	動 力 傳 導 裝 置 Power Transmiss ion Apparatus	木 材 工 機 械 Wood Processin g Machine	營 造 機 械 Constructi on Machiner y	一 般 力 機 械 General Dynamic al Machine	起 重 機 械 Hoist and Crane	動 力 搬 運 機 械 Machine s Handled by Workers	交 通 工 具 Transporta tion	壓 力 容 器 Pressure Vessel	化 學 設 備 Chemical Equipme nt	熔 接 設 備 Welding Equipme nt	爐 窯 Furnace	電 氣 設 備 Electric Apparatu s	人 力 機 械 工具 Nanpowe r and Machine Tools	用 具 Utensils	其 他 備 Other Equipme nt	營建物 及施工 設 備 Constructio n and Building Equipment	危 險 物 害 物 Dangero usAnd Harmful Substanc es	材 料 Material	運 搬 物 體 Objects Carried	環 境 Environme nt	其 他 媒介物 Other Agencie s	無 媒 介物 無媒介 物 Other Agencie s	不 能 分 類 Unclassifi able
媒 介 物 比 率 (%) Ratio of Sources of Injuries (%)	100.00	0.19	2.93	0.70	0.47	7.02	1.07	4.52	13.91	0.56	0.17	0.24	0.16	0.66	3.10	4.58	2.72	7.09	1.80	6.71	2.29	11.12	15.97	5.73	6.30
全 產 業 Whole Industry	11,318	22	332	79	53	794	121	512	1,574	63	19	27	18	75	351	518	308	802	204	759	259	1,259	1,807	649	713
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	39	-	-	-	-	1	-	-	9	-	-	-	-	-	3	2	-	-	-	4	1	4	3	3	9
礦業及土石採取業 Mining and Quarrying Sectors	10	-	2	1	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	-	-	2	1	1
製 造 業 Manufacturing Sectors	4,729	18	296	42	31	699	66	245	280	29	17	21	8	33	203	228	195	316	149	469	123	415	472	178	196
食品製造業 Manufacture of Food Products Sectors	456	4	18	6	-	29	5	30	26	4	-	-	4	3	22	23	32	35	2	12	20	85	48	26	22
飲料製造業 Manufacture of Beverages Sectors	31	-	6	1	-	1	-	5	1	-	-	-	-	-	1	-	-	3	1	1	1	5	2	2	1
菸草製造業 Manufacture of Tobacco Products Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
紡 織 業 Manufacture of Textiles Sectors	185	3	27	2	1	18	2	14	11	1	1	-	-	-	15	7	4	13	2	7	1	19	17	5	15
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	31	-	2	-	1	2	-	-	11	-	-	-	-	1	-	1	-	5	-	2	1	2	1	1	1
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	31	-	4	-	-	4	-	-	2	-	-	-	-	-	3	3	2	1	-	5	-	2	2	2	1
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	13	-	3	1	-	1	-	2	-	-	-	-	-	-	2	-	-	-	-	1	1	-	2	-	-
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	93	3	17	2	3	11	2	9	1	1	1	-	-	2	3	3	2	2	1	5	2	5	7	6	5
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	48	-	6	-	-	8	1	2	5	-	-	-	-	-	3	1	3	7	-	1	1	4	5	1	-
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
金屬製品製造業 Manufacture of Chemical Material Sectors	151	1	9	-	1	10	2	8	11	5	4	-	-	1	7	8	5	9	25	3	2	17	9	3	11
化學製品製造業 Manufacture of Chemical Products Sectors	81	-	4	-	-	8	-	8	5	1	2	1	-	3	2	5	2	9	14	4	3	2	3	4	1
藥品製造業 Medicines Manufacturing Sectors	95	-	7	-	1	16	-	11	8	3	-	-	-	-	2	9	4	4	10	2	2	3	10	2	1
橡膠製品製造業 Manufacture of Rubber Products Sectors	159	-	20	1	2	58	1	8	5	-	-	-	-	-	8	2	9	7	1	12	5	10	6	2	2
塑膠製品製造業 Manufacture of Plastics Products Sectors	222	2	31	2	1	45	-	11	9	-	1	1	-	2	11	5	4	13	4	8	6	18	31	9	8
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	171	-	10	-	1	12	4	14	14	-	-	-	-	5	6	9	1	10	4	36	2	13	20	2	8
基本金屬製造業 Manufacture of Basic Metals Sectors	193	-	10	1	-	26	9	5	5	1	-	1	1	-	7	6	4	8	10	59	3	10	21	3	3
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	599	1	27	10	5	144	14	29	28	3	-	4	2	5	15	19	14	18	9	106	16	31	70	14	15
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	888	2	46	-	2	65	6	20	56	6	5	2	1	5	36	53	65	93	42	55	23	86	126	54	39
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	263	-	6	-	2	19	1	18	24	-	-	1	-	1	14	13	8	19	5	14	8	34	28	18	30
電力設備製造業 Manufacture of Electrical Equipment 機械設備製造業 Manufacture of Machinery and Equipment Sectors	208	-	7	6	1	40	6	12	18	-	1	1	-	2	6	12	4	11	5	28	7	10	16	9	6
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	312	1	19	2	3	82	9	14	11	2	-	3	-	3	17	20	7	14	4	47	8	14	18	6	8
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	129	1	3	1	1	37	-	7	5	-	-	4	-	-	2	7	3	8	3	19	3	9	6	4	6
家具製造業 Manufacture of Furniture Sectors	158	-	2	5	3	27	2	6	11	1	1	-	-	-	11	11	6	19	2	25	3	10	8	2	3
其他製造業 Other Manufacturing Sectors	37	-	1	-	-	11	1	2	2	-	-	-	-	-	2	-	-	-	-	8	3	2	3	-	2
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	153	-	11	2	3	24	1	10	8	1	1	2	-	-	7	9	12	6	4	7	2	23	10	3	7
電力及燃氣供應業 Electricity and Gas Supply Sectors	21	-	-	-	-	1	-	-	2	-	-	1	-	-	1	2	4	2	1	2	-	1	3	-	1
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	27	-	-	1	1	-	1	1	5	-	-	-	-	2	-	1	-	5	-	-	-	3	2	1	4
營 造 業 Construction Sector	181	-	5	-	1	1	-	12	43	-	-	-	-	-	6	1	3	9	4	25	3	14	30	9	15
批發及零售業 Wholesale and Retail Trade Sectors	256	-	3	2	10	7	10	13	31	-	-	2	-	16	10	19	4	36	3	33	4	16	21	8	8
運輸及倉儲業 Transportation and Storage Sector	1,091	1	9	14	3	41	7	36	186	6	-	-	2	1	45	79	24	98	13	80	51	103	154	55	83
住宿及餐飲業 Accommodation and Food Service Activities	1,502	-	11	3	1	6	17	106	383	1	-	-	-	2	17	54	29	94	3	37	52	156	353	111	66
資訊及通訊傳播業 Information and Communication Sectors	1,132	-	2	1	2	14	2	4	124	17	-	1	8	5	33	51	23	49	13	34	7	196	362	62	122
金融及保險業 Financial and Insurance Activities	102	2	-	-	-	-	-	2	28	-	-	-	-	1	1	13	1	12	-	3	-	16	8	9	6
不動產業 Real Estate Activities	270	-	-	-	-	-	2	55	97	-	-	-	-	1	-	3	3	29	-	-	3	22	21	21	13
專業、科學及技術 Activities	159	1	-	-	-	-	2	1	91	-	-	-	-	1	4	5	3	15	-	2	-	8	16	5	5
支援服務業 Support Service Activities	127	-	-	-	1	2	-	4	27	1	1	-	-	-	1	3	2	8	5	6	3	4	14	14	31
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	374	-	2	1	1	6	2	13	89	-	1	2	-	3	2	15	3	49	2	17	4	64	48	29	21
教育服務業 Education Sectors	292	-	-	4	-	4	10	15	58	-	-	-	-	1	5	6	2	15	3	23	3	48	53	34	8
醫療保健及社會工作服務業 Human Health and Social Work Activities	92	-	-	6	-	5	-	1	9	1	-	-	-	1	7	7	2	11	-	2	-	14	4	12	10
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	685	-	-	2	1	4	2	2	85	6	-	1	-	8	5	23	14	42	7	22	5	143	137	70	106
其他服務業 Other Service Activities	172	-	1	2	1	2	-	2	8	1	-	-	-	-	-	-	-	6	2	1	-	21	99	20	6
	78	-	1	-	-	2	-	-	20	1	-	-	-	-	8	8	-	8	-	-	-	12	8	7	3

說明：媒介物比率＝各媒介物人次÷職業災害總人次×100。

Explanation: Ratio of sources of injuries＝Instances of sources of injuries (person-times)÷total number of occupational accidents (person-times)×100

表 8-4 職業災害統計災害類型 與媒介物之關係按全產業分
Table 8-4 Relationship between occupational accident type and sources of injuries in all industries

中華民國108年 Year 2019																												單位：人次 Unit: person-times	
項 目 別 Items	災 害 類 型 Acciden t Type Ratio (%)	總 計 Total	動 力 機 械 Dynamical Machine					裝 卸 搬 運 機 械 Loading, Unloading and Transportation Machine			其 他 設 備 Other Equipment								營 建 Construc tion	物 質 材 料 Materials			貨 物 Cargo	環 境 Environm ent	其 他 類 Others				
			原動機 Prime Mover	動 力 傳 導 裝 置 Power Transmiss ion Apparatus	木 材 加 工 機 械 Wood Processin g Machine	營 造 機 械 Constructi on Machinery	一 般 動 力 機 械 Genera l Dynamical Machi nes	起 重 機 械 Hoist and Crane	搬 運 機 械 Machin es Handle d by Worker	交 通 工 具 Transportat ion	壓 力 器 Pressure Vessel	化 學 設 備 Chemic al Equipm ent	熔 接 設 備 Welding Equipmen t	爐 窯 Furna ce	電 氣 設 備 Electric Apparat us	人 力 機 械 工 具 Nanpower and Machine Tools	用 具 Utens ils	其 他 設 備 Other Equipmen t	營建物 及施工 設 備 Construct ion and Building Equipme nt	危 險 物 有 害 物 害 物 Dangerous And Harmful Substances	材 料 Materi al	運 搬 物 體 Object s Carrie d	環 境 Environm ent	其 他 媒介物 Other Agencie s	無 媒 介 物 無媒介物 Other Agencie s	不 分 類 Unclassifi able			
各媒介物所占比率(%) Percentage of Each Source of Injuries (%)	100.00		0.19	2.93	0.70	0.47	7.02	1.07	4.52	13.91	0.56	0.17	0.24	0.16	0.66	3.10	4.58	2.72	7.09	1.80	6.71	2.29	11.12	15.97	5.73	6.30			
總 計 Total		11,318	22	332	79	53	794	121	512	1,574	63	19	27	18	75	351	518	308	802	204	759	259	1,259	1,807	649	713			
墜 落、滾 落 Falling Down	5.00	566	-	3	-	7	5	12	49	37	-	-	-	-	1	3	120	7	137	-	11	4	40	93	19	18			
跌 倒 Mater Dropping	23.04	2,608	-	5	5	1	15	5	76	222	3	-	1	-	9	11	80	42	481	3	69	23	518	463	383	193			
衝 撞 Crash or Dash	3.48	394	1	4	-	1	15	4	37	140	1	-	1	-	-	7	15	18	19	1	22	6	29	54	9	10			
物 體 飛 落 Falling Objects	3.06	346	-	8	2	1	15	9	10	1	-	-	-	-	-	23	23	18	12	-	90	28	21	63	3	19			
物體倒塌、崩塌 Collapsing Objects	2.48	281	-	2	-	2	4	5	14	8	2	-	3	-	2	13	14	17	13	1	45	51	23	53	-	9			
被 撞 Crashed	6.70	758	3	9	-	4	19	13	102	348	-	-	1	-	1	17	36	24	14	-	29	8	28	72	3	27			
被 夾、被 捲 Rolling-Up	12.55	1,420	11	235	4	19	427	47	114	27	2	1	5	1	2	33	47	69	24	3	84	21	41	147	2	54			
被刺、割、擦傷 Stabbing, Cutting and Abrasion	13.95	1,579	3	36	65	8	211	7	13	13	8	-	1	-	5	192	106	61	22	7	274	17	135	305	11	79			
踩 踏 Tread Down	0.88	100	-	-	-	-	1	2	7	5	-	-	-	-	1	2	7	2	27	-	12	2	12	4	7	9			
溺 斃 Drown	0.01	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-			
與高溫、低溫之接觸 Hot or Low Temperature	4.59	519	1	6	-	2	12	-	4	5	30	6	10	16	11	3	8	17	1	23	20	2	175	140	2	25			
與有害物等之接觸 Contact with Hazard	1.47	166	-	-	-	-	-	-	1	-	5	11	1	-	1	-	1	-	3	121	-	-	12	4	1	5			
感 電 Electrical Shock	0.45	51	-	-	-	-	4	2	1	-	-	-	1	-	26	1	4	1	-	-	2	-	5	2	-	2			
爆 炸 Explosion	0.22	25	-	-	-	-	-	-	-	-	-	-	-	-	5	-	1	-	-	15	2	-	-	1	-	1			
物 體 破 裂 Breaking	0.20	23	-	1	-	-	3	-	-	-	4	-	-	-	1	2	-	1	1	2	2	-	1	5	-	-			
火 災 Fire	0.17	19	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	13	-	-	1	-	-	2			
不 當 動 作 Improper Act	5.72	647	3	9	-	4	26	3	21	24	1	-	1	-	4	27	28	16	29	2	42	76	62	132	73	64			
其 他 Others	7.37	834	-	14	2	4	32	11	18	48	6	1	1	1	5	17	27	13	11	12	51	15	125	208	100	112			
無 法 歸 類 者 Non-Classified	1.49	169	-	-	1	-	4	1	1	10	-	-	-	-	-	-	1	1	5	1	2	6	12	31	24	69			
交 通 事 故 Traffic Accident																													
公 路、鐵路事故 Road and Railway Accidents	5.69	644	-	-	-	-	1	-	32	564	-	-	-	-	-	-	-	1	3	-	1	-	9	20	7	6			
船航事故 及 其他 Ship Navigation Accidents and Others	1.48	168	-	-	-	-	-	-	12	121	1	-	-	-	-	-	-	-	-	-	1	-	9	10	5	9			

說明：1.災害類型比率＝各職業災害類型人次÷職業災害總人次×100。
2.各媒介物所占比率＝各媒介物職業災害人次÷職業災害總人次×100。

Explanation:

1. Occupational accident type ratio＝number of occupational accidents of that type (person-times)÷total occupational accidents (person-times)×100
2. Percentage of each source of injuries = instances of occupational accident and sources of injuries (person-times)÷total occupational accidents (person-times)×100

表 8-5 職業災害統計災害類型與媒介物之關係按製造業分
Table 8-5 Relationship between occupational accident type and sources of injuries in manufacturing sectors

中華民國108年 Year 2019																												單位：人次 Unit: person-times	
項 目 別 Items	災 害 類 型 比 率 Accident Type Ratio (%)	總 計 Total	動 力 機 械 Dynamical Machine					裝 卸 搬 運 機 械 Loading, Unloading and Transportation Machine			其 他 設 備 Other Equipment								營 建 Construction	物 質 材 料 Materials		貨 物 Cargo	環 境 Environment	其 他 類 Others					
			原動機 Prime Mover	動 力 傳 導 裝 置 Power Transmission Apparatus	木 材 加 工 機 械 Wood Processing Machine	營 造 機 械 Construction Machinery	一 般 動 力 機 械 General Dynamical Machine	起 重 機 械 Hoist and Crane	動 力 搬 運 機 械 Machines Handled by Workers	交 通 工 具 Transpo rtation	壓 力 容 器 Pressure Vessel	化 學 設 備 Chemical Equipment	熔 接 設 備 Welding Equipment	爐 窯 Furnac e	電 氣 設 備 Electric Apparatus	人 力 機 械 工 具 Nanpower and Machine Tools	用 具 Utensils	其 他 設 備 Other Equipment	營建物 及施工 設 備 Construction and Building Equipment	危 險 物 有 害 物 Dangerous And Harmful Substances	材 料 Material	運 搬 物 體 Objects Carried	環 境 Environment	其 他 媒介物 Other Agencies	無 媒 介 物 無媒介物 Other Agencies	不 能 分 類 Unclassifiable			
各媒介物所占比率(%) Percentage of Each Source of Injuries (%)	100.00		0.38	6.26	0.89	0.66	14.78	1.40	5.18	5.92	0.61	0.36	0.44	0.17	0.70	4.29	4.82	4.12	6.68	3.15	9.92	2.60	8.78	9.98	3.76	4.14			
總 計 Total		4,729	18	296	42	31	699	66	245	280	29	17	21	8	33	203	228	195	316	149	469	123	415	472	178	196			
墜 落、滾 落 Falling Down	3.85	182	-	-	-	2	5	4	14	6	-	-	-	-	-	-	45	4	52	-	5	4	9	19	7	6			
跌 倒 Mater Dropping	17.66	835	-	3	1	1	13	1	19	48	2	-	1	-	6	5	34	21	197	1	33	9	160	124	110	46			
衝 撞 Crash or Dash	3.05	144	-	3	-	1	14	1	22	29	1	-	-	-	-	6	8	13	12	-	9	4	8	11	1	1			
物 體 飛 落 Falling Objects	3.93	186	-	6	1	-	12	8	5	-	-	-	-	-	-	17	9	15	5	-	65	8	10	18	-	7			
物體倒塌、崩塌 Collapsing Objects	2.75	130	-	2	-	-	4	3	12	1	-	-	3	-	-	10	4	5	4	1	29	23	12	15	-	2			
被 撞 Crashed	6.17	292	1	8	-	1	18	9	52	93	-	-	-	-	-	10	23	11	4	-	19	3	10	22	1	7			
被 夾、被 捲 Rolling-Up	22.94	1,085	11	218	2	15	393	29	78	6	-	-	5	1	1	24	32	57	9	3	60	18	21	74	1	27			
被刺、割、擦傷 Stabbing, Cutting and Abrasion	16.52	781	2	32	37	6	167	4	7	2	3	-	-	-	1	102	39	42	9	3	167	12	44	75	4	23			
踩 踏 Tread Down	0.85	40	-	-	-	-	1	1	6	-	-	-	-	-	1	1	3	1	10	-	7	-	5	-	2	2			
溺 斃 Drown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
與高溫、低溫之接觸 Hot or Low Temperature	4.23	200	1	6	-	2	12	-	4	-	10	6	8	7	6	2	3	12	-	13	16	2	69	13	1	7			
與有害物等之接觸 Contact with Hazard	2.52	119	-	-	-	-	-	-	-	-	5	10	1	-	-	-	-	-	-	97	-	-	3	2	1	-			
感 電 Electrical Shock	0.42	20	-	-	-	-	4	-	1	-	-	-	-	-	11	-	-	1	-	-	1	-	2	-	-	-			
爆 炸 Explosion	0.40	19	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	14	2	-	-	-	-	-			
物 體 破 裂 Breaking	0.32	15	-	1	-	-	3	-	-	-	4	-	-	-	-	-	-	-	1	1	2	-	1	2	-	-			
火 災 Fire	0.19	9	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	7	-	-	-	-	-	-			
不 當 動 作 Improper Act	5.37	254	3	6	-	2	25	2	13	5	-	-	1	-	1	12	16	8	8	1	26	34	23	36	14	18			
其 他 Others	5.88	278	-	11	1	1	28	4	10	4	4	1	1	-	2	14	12	5	3	7	28	4	33	50	23	32			
無 法 歸 類 者 Non-Classified	0.95	45	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	2	1	-	2	4	3	11	18			
交 通 事 故 Traffic Accident																													
公 路、鐵路事故 Road and Railway Accidents	1.27	60	-	-	-	-	-	-	1	55	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	-			
船航事故及其他 Ship Navigation Accidents and Others	0.74	35	-	-	-	-	-	-	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-			

說明：1.災害類型比率＝各職業災害類型人次÷職業災害總人次×100。
2.各媒介物所占比率＝各媒介物職業災害人次÷職業災害總人次×100。

Explanation:

1. Occupational accident type ratio＝number of occupational accidents of that type (person-times)÷total occupational accidents (person-times)×100
2. Percentage of each source of injuries = instances of occupational accident and sources of injuries (person-times)÷total occupational accidents (person-times)×100

表 8-6 職業災害統計災害類型與受傷部位之關係按全產業分
Table 8-6 Relationship between occupational accident type and injured body parts in all industries

中華民國108年 Year 2019																										單位：部位數 Unit: number of body parts
項 目 別 Items	災 害 類 型 比率 Accident Type Ratio (%)	總 計 Total	頭 Head	臉 顏 Face	頸 Neck	肩 Shoulder	鎖 骨 Collar- Bone	上 膊 Arm Bone	肘 Elbow	前 膊 Forearm	腕 Wrist	胸 Chest	肋 骨 Rib Cage	背 Back	手 Hand	指 Finger	腹 Abdomen	臀 Hip	鼠 蹊 Groin	股 Thigh	膝 Knee	腿 Leg	足 Foot	內 臟 Viscera	全 身 Entire Body	其 他 Others
各受傷部位比率 (%) Injuries to Body Part Ratio (%)	100.00		7.44	3.44	1.43	2.86	0.69	0.96	3.18	1.43	2.62	2.36	1.44	3.30	14.82	15.36	0.78	2.05	0.17	1.05	6.22	7.60	15.21	0.32	0.34	4.94
總 計 Total		14,867	1,106	511	212	425	103	142	473	212	389	351	214	491	2,204	2,284	116	305	25	156	925	1,130	2,261	48	50	734
墜 落、滾 落 Falling Down	5.73	852	111	28	17	34	10	13	38	13	33	43	52	46	62	4	4	27	6	19	44	70	140	2	4	32
跌 倒 Mater Dropping	24.01	3,569	245	115	40	141	24	44	183	55	163	80	49	173	348	70	22	167	3	83	396	307	729	5	3	124
衝 撞 Crash or Dash	3.97	590	91	34	10	32	5	6	25	4	11	25	15	9	63	17	5	10	2	11	60	54	77	1	4	19
物 體 飛 落 Falling Objects	2.74	407	84	28	9	10	1	2	2	6	2	7	1	10	25	45	2	2	-	4	9	27	112	-	-	19
物體倒塌、崩塌 Collapsing Objects	2.43	362	27	4	3	5	2	5	1	2	8	7	6	8	24	34	2	5	-	4	25	58	116	3	-	13
被 撞 Crashed	7.80	1,160	131	49	20	42	22	6	42	5	15	48	26	46	114	41	13	16	1	11	100	145	210	5	8	44
被 夾、被 捲 Rolling-Up	10.55	1,569	14	4	5	5	2	11	22	29	22	12	6	2	373	908	8	7	1	-	7	19	101	1	1	9
被刺、割、擦傷 Stabbing, Cutting and Abrasion	11.36	1,689	41	27	5	3	-	6	15	30	26	2	-	3	512	846	3	6	1	1	13	60	62	-	-	27
踩 踏 Tread Down	0.77	115	5	-	-	2	-	-	2	-	-	2	2	5	2	1	-	1	-	-	6	15	70	-	-	2
溺 斃 Drown	0.01	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
與高溫、低溫之接觸 Hot or Low Temperature	4.78	711	14	48	21	11	-	20	14	32	11	16	-	17	199	54	15	15	2	2	7	86	110	-	1	16
與有害物等之接觸 Contact with Hazard	1.42	211	24	31	6	2	-	3	8	7	1	8	-	3	17	9	3	3	1	-	6	12	9	2	1	55
感 電 Electrical Shock	0.50	75	1	6	1	3	1	3	1	1	1	5	-	4	18	7	2	2	-	-	-	2	4	3	5	5
爆 炸 Explosion	0.36	54	4	8	2	1	-	1	2	-	-	3	-	-	17	2	-	1	-	-	-	6	5	-	-	2
物 體 破 裂 Breaking	0.18	27	5	8	1	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	4	1	1	-	3
火 災 Fire	0.24	36	3	8	3	-	-	-	2	1	-	2	-	2	7	-	2	-	-	-	-	1	1	1	3	-
不 當 動 作 Improper Act	4.84	720	41	13	5	30	1	5	10	5	30	5	6	98	67	103	11	13	2	5	22	17	124	1	-	106
其 他 Others	6.67	992	114	32	24	20	-	4	18	9	24	14	3	26	109	92	10	12	3	1	49	69	165	8	10	176
無 法 歸 類 者 Non-Classified	1.44	214	34	8	3	6	3	2	5	-	5	6	1	7	22	27	-	-	-	-	4	17	18	6	3	37
交 通 事 故 Traffic Accident																										
公 路、鐵路事故 Road and Railway Accidents	8.11	1,206	94	46	31	65	21	10	65	11	33	54	30	29	185	21	8	14	1	11	135	122	170	8	5	37
船航事故 及 其他 Ship Navigation Accidents and Others	2.06	307	22	14	6	13	11	1	18	2	4	12	17	3	39	3	4	3	2	4	42	39	37	1	2	8

說明：1.災害類型比率＝各職業災害類型人次÷總受傷部位數×100。
2.各受傷部位比率＝各受傷部位數÷總受傷部位數×100。

Explanation:
1. Occupational accident type ratio＝number of occupational accidents of that type (person-times)÷total occupational accidents (person-times)×100
2. Percentage of each source of injuries = instances of occupational accident and sources of injuries (person-times) ÷total occupational accidents (person-times)×100

表 8-7 職業災害統計災害類型與受傷部位之關係按製造業分
Table 8-7 Relationship between occupational accident type and injured body parts in manufacturing sectors

中華民國108年 Year 2019																										單位：部位數 Unit: number of body parts
項 目 別 Items	災 害 類 型 比率 Accident Type Ratio (%)	總 計 Total	頭 Head	臉 顏 Face	頸 Neck	肩 Shoulder	鎖 骨 Collar- Bone	上 膊 Arm Bone	肘 Elbow	前 膊 Forearm	腕 Wrist	胸 Chest	肋 骨 Rib Cage	背 Back	手 Hand	指 Finger	腹 Abdomen	臀 Hip	鼠 蹊 Groin	股 Thigh	膝 Knee	腿 Leg	足 Foot	內 臟 Viscera	全 身 Entire Body	其 他 Others
各受傷部位比率 (%) Injuries to Body Part Ratio (%)	100.00		7.08	3.33	1.37	2.25	0.55	1.01	2.71	1.67	2.29	1.86	1.21	2.63	16.64	23.33	0.90	1.98	0.12	0.75	4.01	6.04	13.24	0.24	0.19	4.61
總 計 Total		5,860	415	195	80	132	32	59	159	98	134	109	71	154	975	1,367	53	116	7	44	235	354	776	14	11	270
墜 落、滾 落 Falling Down	4.80	281	37	13	10	11	4	5	16	5	13	12	17	11	25	1	2	10	1	3	6	22	43	1	1	12
倒 跌 Mater Dropping	18.91	1,108	90	36	17	49	6	13	56	15	55	20	16	54	96	21	9	61	1	27	130	89	217	2	2	26
衝 撞 Crash or Dash	3.33	195	45	10	2	7	2	1	8	1	2	12	6	1	22	11	3	5	-	2	10	18	20	1	2	4
物 體 飛 落 Falling Objects	3.70	217	43	14	3	6	-	1	1	3	2	1	1	5	16	29	-	-	-	2	4	11	65	-	-	10
物體倒塌、崩塌 Collapsing Objects	2.90	170	12	1	2	3	2	3	1	1	3	2	3	4	13	13	1	2	-	4	12	24	58	-	-	6
被 撞 Crashed	7.03	412	43	18	3	14	10	2	13	2	3	19	12	14	38	26	7	4	1	3	24	49	90	2	2	13
被 夾、被 捲 Rolling-Up	20.70	1,213	9	2	4	4	1	10	20	27	20	7	4	2	303	711	7	5	1	-	3	12	54	1	-	6
被刺、割、擦 傷 Stabbing, Cutting and Abrasion	14.30	838	23	19	3	2	-	5	12	23	17	-	-	1	263	398	3	2	1	1	4	23	27	-	-	11
踩 踏 Tread Down	0.77	45	3	-	-	1	-	-	2	-	-	-	-	1	-	-	-	1	-	-	2	8	26	-	-	1
溺 斃 Drown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
與高溫、低溫之接觸 Hot or Low Temperature	5.15	302	6	22	12	8	-	10	5	8	1	10	-	10	81	27	7	8	2	1	2	36	36	-	-	10
與有害物等之接觸 Contact with Hazard	2.66	156	22	23	6	2	-	1	5	5	1	6	-	3	13	6	3	3	-	-	3	8	6	1	1	38
電 感 Electrical Shock	0.51	30	-	4	-	1	-	2	-	1	1	3	-	-	5	4	2	1	-	-	-	-	1	1	1	3
爆 炸 Explosion	0.77	45	3	6	2	1	-	1	2	-	-	3	-	-	14	1	-	-	-	-	-	6	5	-	-	1
物 體 破 裂 Breaking	0.29	17	3	4	1	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	4	-	1	-	-
火 災 Fire	0.36	21	3	5	3	-	-	-	1	-	-	2	-	1	5	-	-	-	-	-	-	1	-	-	-	-
不 當 動 作 Improper Act	4.66	273	21	5	1	8	-	1	4	-	7	1	1	38	23	63	4	6	-	1	5	4	40	1	-	39
其 他 Others	5.34	313	32	5	4	3	-	2	3	4	4	2	1	2	37	50	-	4	-	-	13	13	61	2	-	71
無 法 歸 類 者 Non-Classified	0.94	55	10	-	2	2	2	1	-	-	1	2	-	2	4	3	-	-	-	-	1	4	8	1	-	12
交 通 事 故 Traffic Accident																										
公 路、鐵路事故 Road and Railway Accidents	1.84	108	8	5	4	4	3	1	8	2	3	5	6	5	9	2	-	2	-	-	11	14	10	-	1	5
Ship Navigation Accidents and Others	1.04	61	2	3	1	6	2	-	2	1	1	2	4	-	7	1	3	1	-	-	5	8	9	-	1	2

說明：1.災害類型比率＝各職業災害類型人次÷總受傷部位數×100。
2.各受傷部位比率＝各受傷部位數÷總受傷部位數×100。

Explanation:

1. Occupational accident type ratio＝number of occupational accidents of that type (person-times)÷total occupational accidents (person-times)×100
2. Percentage of each source of injuries = instances of occupational accident and sources of injuries

表 8-8 職業災害統計行業別與受傷部位之關係按全產業分
Table 8-8 Relationship between industry type and injured body parts in all industries
中華民國108年
Year 2019

項 目 別 Items		中華民國108年 Year 2019																										Unit: number of body parts 單位：部位數	
		行 業 百分率 Industry Percentag e (%)	總 計 Total	頭 Head	臉 顏 Face	頸 Neck	肩 Shoulder	鎖 骨 Collar- Bone	上 膊 Arm Bone	肘 Elbow	前 膊 Forearm	腕 Wrist	胸 Chest	肋 骨 Rib Cage	背 Back	手 Hand	指 Finger	腹 Abdome n	臀 Hip	鼠 蹠 Groin	股 Thigh	膝 Knee	腿 Leg	足 Foot	內 臟 Viscera	全 身 Entire Body	其 他 Others		
各受傷部位比率 (%) Injuries to Body Part Ratio (%)		100.00		7.44	3.44	1.43	2.86	0.69	0.96	3.18	1.43	2.62	2.36	1.44	3.30	14.82	15.36	0.78	2.05	0.17	1.05	6.22	7.60	15.21	0.32	0.34	4.94		
全 產 業 Whole Industry			14,867	1,106	511	212	425	103	142	473	212	389	351	214	491	2,204	2,284	116	305	25	156	925	1,130	2,261	48	50	734		
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry		0.37	55	6	3	3	-	-	-	3	-	1	2	2	2	8	5	1	1	-	-	3	10	2	-	-	3		
礦業及土石採取業 Mining and Quarrying Sectors		0.10	15	4	-	-	-	1	-	-	-	-	2	-	2	1	-	1	-	-	-	2	1	-	-	1			
製 造 業 Manufacturing Sectors		39.42	5,860	415	195	80	132	32	59	159	98	134	109	71	154	975	1,367	53	116	7	44	235	354	776	14	11	270		
食品製造業 Manufacture of Food Products Sectors		3.73	555	28	6	5	22	-	4	19	10	18	10	10	24	93	125	7	20	-	6	19	44	65	-	-	20		
飲料製造業 Manufacture of Beverages Sectors		0.26	38	3	1	1	-	-	-	-	-	2	-	-	1	7	7	-	2	1	-	-	3	8	-	-	2		
菸草製造業 Manufacture of Tobacco Products Sectors		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
紡 織 業 Manufacture of Textiles Sectors		1.54	229	16	7	1	5	1	-	8	2	6	2	2	3	41	58	1	3	-	1	9	18	34	-	-	11		
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors		0.26	39	3	-	2	1	4	-	2	-	1	3	1	2	2	5	-	2	-	3	4	2	2	-	-	-		
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors		0.23	34	2	-	-	-	-	1	1	-	-	-	-	-	7	14	1	-	-	-	-	2	5	-	-	1		
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors		0.10	15	-	-	-	-	-	-	-	-	-	-	-	-	5	7	-	-	-	-	-	1	2	-	-	-		
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors		0.71	105	5	1	1	2	-	4	1	4	1	1	-	1	20	33	-	-	-	-	1	6	16	1	1	6		
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors		0.36	53	1	-	-	-	-	-	6	-	1	2	2	1	9	18	-	1	-	1	2	3	5	-	-	1		
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors		0.01	2	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-		
化學材料製造業 Manufacture of Chemical Material Sectors		1.53	227	17	19	7	3	2	2	6	4	5	13	2	8	32	26	6	5	1	1	12	19	24	1	-	12		
化學製品製造業 Manufacture of Chemical Products Sectors		0.71	105	5	8	3	3	-	1	3	2	4	3	1	3	17	17	3	2	1	-	3	4	16	-	-	6		
藥品製造業 Medicines Manufacturing Sectors		0.79	117	6	4	4	4	-	-	4	3	-	1	1	5	14	37	1	5	-	2	4	7	10	1	-	4		
橡膠製品製造業 Manufacture of Rubber Products Sectors		1.33	197	14	5	4	7	1	8	3	12	5	5	-	2	31	57	3	1	-	-	7	4	22	2	-	4		
塑膠製品製造業 Manufacture of Plastics Products Sectors		1.94	288	19	11	6	2	1	4	3	6	8	4	1	7	56	66	-	7	-	2	10	25	35	-	-	15		
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors		1.41	210	18	9	3	2	2	5	9	6	1	7	2	2	49	38	2	-	-	1	8	13	24	-	-	9		
基本金屬製造業 Manufacture of Basic Metals Sectors		1.70	253	9	7	4	1	1	3	4	6	4	8	6	2	51	60	4	6	-	5	8	21	33	1	-	9		
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors		4.80	713	48	17	8	11	4	6	14	14	19	13	7	17	115	221	8	11	-	5	24	39	79	1	3	29		
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors		7.69	1,143	106	39	14	34	4	9	40	13	25	12	12	46	178	176	7	28	1	10	74	59	186	1	2	67		
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors		2.13	316	29	13	4	11	2	2	9	1	10	4	4	9	50	47	2	7	-	1	17	18	53	1	3	19		
電力設備製造業 Manufacture of Electrical Equipment Sectors		1.73	257	12	11	2	9	3	1	7	2	6	3	6	5	37	75	4	3	1	1	5	19	34	1	-	10		
機械設備製造業 Manufacture of Machinery and Equipment Sectors		2.48	369	35	15	3	6	3	3	3	4	6	4	7	5	50	120	3	5	-	1	8	18	49	1	1	19		
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors		1.01	150	11	5	1	2	-	2	4	2	2	3	1	3	20	56	1	-	-	-	4	5	21	1	-	6		
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors		1.34	199	15	6	3	3	2	3	3	1	3	5	4	7	36	45	-	3	1	1	6	10	30	1	1	10		
家具製造業 Manufacture of Furniture Sectors		0.30	44	1	-	1	-	-	-	2	1	2	1	1	-	9	15	-	-	-	1	2	2	3	-	-	3		
其他製造業 Other Manufacturing Sectors		1.19	177	9	9	2	3	2	1	6	5	4	4	1	1	42	41	-	5	1	2	6	9	18	-	-	6		
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors		0.17	25	3	2	1	1	-	-	1	-	1	1	-	-	3	3	-	-	-	-	2	3	2	1	-	1		
電力及燃氣供應業 Electricity and Gas Supply Sectors		0.27	40	8	1	-	-	3	-	2	-	-	3	2	3	2	2	1	-	-	1	1	2	7	-	-	2		
用水供應及污染整治業 Water Supply&Remediation Activities Sectors		1.65	245	16	7	2	3	4	3	11	2	6	16	12	10	36	34	-	3	1	-	20	22	25	-	1	11		
營 造 業 Construction Sector		2.33	346	39	18	10	9	7	2	12	2	6	15	19	8	45	40	6	2	-	1	15	31	38	5	5	11		
批發及零售業 Wholesale and Retail Trade Sectors		9.75	1,450	112	51	20	48	5	16	49	17	24	33	17	47	202	206	9	34	2	14	96	128	224	8	2	86		
運輸及倉儲業 Transportation and Storage Sector		13.65	2,030	133	58	33	83	9	12	76	29	64	69	33	87	195	128	9	39	4	21	187	200	461	7	6	87		
住宿及餐飲業 Accommodation and Food Service Activities		9.75	1,450	80	52	14	33	9	16	39	18	43	17	7	51	312	247	8	33	-	20	69	127	188	2	2	63		
資訊及通訊傳播業 Information and Communication Sectors		1.11	165	10	7	2	11	5	2	9	3	7	3	8	9	12	3	2	3	-	3	12	14	29	-	1	10		
金融及保險業 Financial and Insurance Activities		2.86	425	31	12	5	18	8	7	22	2	7	10	7	11	51	10	1	9	2	4	57	47	82	-	2	20		
不動產業 Real Estate Activities		1.77	263	20	8	3	7	1	1	4	3	5	5	5	7	58	10	2	6	-	1	19	13	64	-	-	21		
專業、科學及技術服務業 Professional, Scientific and Technical Activities		1.22	181	22	7	8	4	4	1	6	-	8	2	2	11	24	16	3	1	1	3	12	13	27	-	-	6		
支援服務業 Support Service Activities		3.76	559	59	27	8	19	5	3	17	11	19	21	8	15	82	36	5	6	1	11	45	42	81	4	2	32		
公共行政及國防：強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors		2.60	386	33	10	5	11	4	8	16	7	20	10	4	13	46	26	-	7	1	10	30	44	56	3	3	19		
教育服務業 Education Sectors		0.87	130	7	3	-	4	2	2	4	3	2	4	1	9	14	21	1	6	-	2	12	9	16	1	-	7		
醫療保健及社會工作服務業 Human Health and Social Work Activities		6.40	951	84	45	16	35	4	8	26	9	34	26	11	41	99	87	14	30	4	13	97	46	136	3	13	70		
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities		1.41	209	19	6	3	3	-	2	11	7	6	3	-	5	23	31	1	7	2	7	12	15	32	-	2	12		
其他服務業 Other Service Activities		0.72	107	8	1	-	5	-	-	7	1	3	3	3	8	18	14	-	1	-	1	3	11	16	1	-	3		

說明：1.行業百分率＝各行業受傷部位數÷總受傷部位數×100。
2.受傷部位百分比率＝各受傷部位數÷總受傷部位數×100。

Explanation:
1. Industry percentage＝number of injured body parts in industry÷total number of injured body parts×100
2. Percentage of injured body parts＝number of injuries to body part÷total number of injuries to all body parts×100

表 9-1 勞工職業傷害傷

中華民國

Year

行 業 別 Industry Type	總 計 Total			墜 落、滾 落 Falling Down (1)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	46,723	2,118	485	3,194	134	100
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	421	29	42	40	5	4
礦業及土石採取業 Mining and Quarrying Sectors	26	4	1	3	1	-
製 造 業 Manufacturing Sectors	13,105	869	139	596	27	31
電力及燃氣供應業 Electricity and Gas Supply Sectors	46	11	1	-	2	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	323	30	5	30	3	1
營 造 業 Construction Sector	7,289	268	85	1,303	53	34
批發及零售業 Wholesale and Retail Trade Sectors	8,061	351	51	335	11	10
運輸及倉儲業 Transportation and Storage Sector	2,853	85	50	330	5	4
住宿及餐飲業 Accommodation and Food Service Activities	4,685	91	11	92	-	-
資訊及通訊傳播業 Information and Communication Sectors	508	15	10	20	-	-
金融及保險業 Financial and Insurance Activities	570	22	5	8	-	1
不動產業 Real Estate Activities	603	12	4	38	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1,018	31	6	73	3	1
支 援 服 務 業 Support Service Activities	2,567	89	37	119	5	7
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	180	23	6	16	3	1
教 育 服 務 業 Education Sectors	483	27	5	13	1	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	1,555	48	7	22	1	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	410	15	5	23	2	2
其 他 服 務 業 Other Service Activities	2,020	98	15	133	12	4

行 業 別 Industry Type	被 撞 Crashed (6)			被 夾、被 捲 Rolling-Up (7)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	880	51	18	4,849	849	19
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	12	-	3	57	11	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	3	1	-
製 造 業 Manufacturing Sectors	185	11	5	2,402	516	11
電力及燃氣供應業 Electricity and Gas Supply Sectors	3	1	-	4	1	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	9	2	-	48	10	-
營 造 業 Construction Sector	137	12	4	683	59	4
批發及零售業 Wholesale and Retail Trade Sectors	140	4	-	854	161	1
運輸及倉儲業 Transportation and Storage Sector	206	9	4	283	27	2
住宿及餐飲業 Accommodation and Food Service Activities	38	2	1	137	19	1
資訊及通訊傳播業 Information and Communication Sectors	10	1	-	14	3	-
金融及保險業 Financial and Insurance Activities	5	1	-	4	1	-
不動產業 Real Estate Activities	4	-	-	14	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	10	-	-	39	5	-
支援服務業 Support Service Activities	49	1	-	146	11	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	13	2	-	3	1	-
教育服務業 Education Sectors	1	-	1	8	6	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	16	2	-	23	3	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	8	1	-	7	1	-
其他服務業 Other Service Activities	34	2	-	120	13	-

資料來源：勞工保險局。

說 明：以給付當年為準。

Data source: Bureau of Labor Insurance

Explanation: based on the year of payment

病、失能、死亡之類型

108年
2019

單位：件
Unit: case

跌倒 MaterDropping (2)			衝撞 Crash or Dash (3)			物體飛落 Falling Objects (4)			物體倒塌、崩塌 Collapsing objects (5)		
傷病 Illnesses	失能 Disability	死亡 Death	傷病 Illnesses	失能 Disability	死亡 Death	傷病 Illnesses	失能 Disability	死亡 Death	傷病 Illnesses	失能 Disability	死亡 Death
4,523	59	11	647	12	3	1,492	66	15	335	16	12
82	3	-	7	-	-	9	-	1	5	-	1
7	1	-	-	-	-	2	-	1	1	-	-
943	8	5	150	5	1	485	22	2	94	2	3
7	-	-	-	-	-	2	1	-	-	1	-
48	-	-	5	-	-	16	2	-	3	1	-
791	14	-	159	2	-	496	19	8	110	4	5
697	10	-	90	1	-	191	6	1	47	1	1
326	3	1	92	1	2	96	6	1	30	3	2
520	4	-	35	2	-	56	-	-	10	-	-
25	-	-	5	-	-	5	-	-	2	-	-
48	2	-	1	-	-	-	-	-	-	-	-
62	1	-	8	-	-	5	-	-	-	-	-
84	-	-	6	-	-	14	2	-	2	3	-
356	2	3	27	1	-	32	4	-	13	-	-
31	4	-	5	-	-	3	-	1	-	-	-
52	1	-	2	-	-	5	1	-	-	-	-
127	1	-	14	-	-	6	1	-	4	-	-
64	2	1	5	-	-	7	-	-	1	-	-
253	3	1	36	-	-	62	2	-	13	1	-

被 刺、割、擦 傷 Stabbing, cutting and abrasion (8)			踩 踏 Tread Down (9)			溺 水 Drown (10)			與高溫、低溫之接觸 Hot or Low Temperature (11)		
傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
4,800	178	4	276	4	-	1	-	25	1,253	27	1
72	3	1	3	-	-	-	-	17	9	1	-
1	-	-	1	-	-	-	-	-	-	-	-
1,412	84	1	57	2	-	-	-	-	252	13	1
2	-	-	1	-	-	-	-	-	1	-	-
27	2	-	1	-	-	-	-	-	5	-	-
1,528	41	1	80	-	-	1	-	5	74	2	-
654	21	-	32	-	-	-	-	-	132	3	-
112	2	-	36	-	-	-	-	2	42	1	-
529	5	-	8	-	-	-	-	-	601	2	-
8	-	-	2	-	-	-	-	-	4	-	-
1	2	-	-	-	-	-	-	-	2	-	-
12	1	-	2	-	-	-	-	-	5	-	-
49	2	-	5	-	-	-	-	-	11	2	-
100	2	1	10	-	-	-	-	1	14	1	-
5	2	-	3	-	-	-	-	-	2	-	-
14	2	-	3	1	-	-	-	-	12	-	-
31	3	-	6	-	-	-	-	-	21	-	-
24	-	-	6	-	-	-	-	-	13	-	-
219	6	-	20	1	-	-	-	-	53	2	-

表 9-1 勞工職業傷害傷

中華民國

Year

行 業 別 Industry Type	與 有 害 物 之 接 觸 Contact with Hazard (12)			感 電 Electrical Shock (13)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	105	9	3	90	10	16
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	1	-	-	-	-	2
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-
製 造 業 Manufacturing Sectors	35	4	2	23	2	6
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	1	-	3	2	1
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	2	-	-	-	-	1
營 造 業 Construction Sector	11	1	1	39	4	3
批發及零售業 Wholesale and Retail Trade Sectors	10	2	-	7	-	2
運輸及倉儲業 Transportation and Storage Sector	3	-	-	2	1	1
住宿及餐飲業 Accommodation and Food Service Activities	23	-	-	2	-	-
資訊及通訊傳播業 Information and Communication Sectors	-	-	-	2	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	1	-	-
不動產業 Real Estate Activities	1	-	-	1	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1	-	-	3	-	-
支 援 服 務 業 Support Service Activities	8	-	-	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	-	-	-	-	-	-
教 育 服 務 業 Education Sectors	-	-	-	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	6	1	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	1	-	-	4	-	-
其 他 服 務 業 Other Service Activities	3	-	-	3	1	-

行 業 別 Industry Type	不 當 動 作 Improper Act (17)			其 他 Others (18)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	1,238	11	-	356	16	3
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	15	-	-	12	-	-
礦業及土石採取業 Mining and Quarrying Sectors	3	-	-	-	-	-
製 造 業 Manufacturing Sectors	334	5	-	68	6	2
電力及燃氣供應業 Electricity and Gas Supply Sectors	1	-	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	8	1	-	6	-	-
營 造 業 Construction Sector	217	2	-	53	2	-
批發及零售業 Wholesale and Retail Trade Sectors	222	1	-	47	2	-
運輸及倉儲業 Transportation and Storage Sector	115	1	-	36	-	-
住宿及餐飲業 Accommodation and Food Service Activities	83	-	-	19	1	-
資訊及通訊傳播業 Information and Communication Sectors	6	-	-	4	-	-
金融及保險業 Financial and Insurance Activities	5	-	-	-	-	-
不動產業 Real Estate Activities	10	-	-	4	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	19	-	-	11	1	-
支 援 服 務 業 Support Service Activities	51	-	-	24	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	4	-	-	5	-	-
教 育 服 務 業 Education Sectors	11	-	-	7	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	44	1	-	22	2	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	18	-	-	5	-	-
其 他 服 務 業 Other Service Activities	72	-	-	33	2	1

病、失能、死亡之類型(續完)

108年
2019

單位：件
Unit: case

爆 炸 Explosion (14)			物 體 破 裂 Breaking (15)			火 災 Fire (16)		
傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
91	6	3	111	1	1	31	5	6
2	1	-	-	-	-	1	-	2
-	-	-	-	-	-	-	-	-
20	2	2	24	1	1	12	3	3
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
16	1	-	31	-	-	5	2	-
9	2	1	13	-	-	6	-	1
3	-	-	5	-	-	-	-	-
30	-	-	25	-	-	1	-	-
-	-	-	1	-	-	-	-	-
1	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-
3	-	-	4	-	-	-	-	-
-	-	-	3	-	-	4	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1	-	-	2	-	-	-	-	-
-	-	-	-	-	-	-	-	-
6	-	-	2	-	-	2	-	-

無 法 歸 類 者 Non-Classified (19)			鐵 公 路 交 通 事 故 Road and railway accidents (20)			其 他 交 通 事 故 Other accidents (21)		
傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
51	2	-	22,398	661	231	2	1	14
1	1	-	93	4	1	-	-	10
-	-	-	5	1	-	-	-	-
17	1	-	5,995	155	63	1	-	-
1	-	-	21	2	-	-	-	-
-	-	-	114	9	3	1	-	-
2	-	-	1,553	50	19	-	-	1
8	-	-	4,567	126	34	-	-	-
4	-	-	1,132	26	29	-	-	2
1	-	-	2,475	56	9	-	-	-
-	-	-	400	11	10	-	-	-
1	-	-	493	16	4	-	-	-
2	-	-	434	10	4	-	-	-
-	-	-	684	13	5	-	-	-
4	-	-	1,607	61	24	-	1	1
-	-	-	90	11	4	-	-	-
-	-	-	355	15	4	-	-	-
4	-	-	1,206	33	7	-	-	-
2	-	-	222	9	2	-	-	-
4	-	-	952	53	9	-	-	-

表 9-2 勞工職業病傷 病、失能、死亡之成因
Table 9-2 Reasons of workers' occupational illnesses, illnesses, disabling injuries and death

中華民國 108年
Year 2019

單位：件
Unit: case

行 業 別 Industry Type	總 計 Total			眼 睛 疾 病 Eye disease (1)			游 離 輻 射 Ionizing radiation (2)			異 常 氣 壓 Abnormal atmospheric pressure (3)			異 常 溫 度 Abnormal temperature (4)			噪音引起之聽力損失 Noise-induced hearing loss (5)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	542	175	27	3	-	-	2	-	1	-	-	-	2	-	-	-	-	-
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製 造 業 Manufacturing Sectors	130	102	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
營 造 業 Construction Sector	131	19	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	57	9	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
運輸及倉儲業 Transportation and Storage Sector	33	7	4	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	43	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
資訊及通訊業 Information and Communication Sectors	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	5	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	17	13	7	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
教 育 服 務 業 Education Sectors	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
人類健康及社會工作 Activities	34	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
其他服務業 Other Service Activities	53	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

行 業 別 Industry Type	職 業 性 下 背 痛 Occupational low back pain (6)			振 動 引 起 之 疾 病 Diseases caused by vibration (7)			手 臂 肩 頸 疾 病 Arm, neck and shoulder disease (8)			缺 氧 症 Anoxia (9)			鉛 及 其 化 合 物 Lead and its compound (10)			其他重金屬及其化合物 Other heavy metal and its compound (11)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	113	7	-	2	-	-	345	8	-	1	-	-	-	-	-	-	-	-
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	3	-	-	-	-	-	4	1	-	-	-	-	-	-	-	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製 造 業 Manufacturing Sectors	27	1	-	-	-	-	90	3	-	1	-	-	-	-	-	-	-	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
營 造 業 Construction Sector	38	2	-	-	-	-	81	2	-	-	-	-	-	-	-	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	15	1	-	-	-	-	35	1	-	-	-	-	-	-	-	-	-	-
運輸及倉儲業 Transportation and Storage Sector	15	1	-	2	-	-	11	-	-	-	-	-	-	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	2	-	-	-	-	-	37	-	-	-	-	-	-	-	-	-	-	-
資訊及通訊業 Information and Communication Sectors	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	3	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	2	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
教 育 服 務 業 Education Sectors	1	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-
人類健康及社會工作 Activities	3	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
其他服務業 Other Service Activities	3	1	-	-	-	-	45	1	-	-	-	-	-	-	-	-	-	-

資料來源：勞工保險局。
說 明：以給付當年為準。
Data source: Bureau of Labor Insurance
Explanation: based on the year of payment

表 9-2 勞工職業病傷、病、失能、死亡之成因(續完)
Table 9-2 Reasons of workers' occupational illnesses, illnesses, disabling injuries and death (continued)

中華民國 108年
Year 2019

單位：件
Unit: case

行 業 別 Industry Type	有機溶劑或化學物質氣體 Organic solvents or chemical air (12)			生 物 性 危 害 Biological hazard (13)			職業性氣喘、過敏性肺炎 Occupational asthma and allergic pneumonia (14)			礦工塵肺症及其併發症 Coal worker pneumoconiosis and its complications (15)			矽肺症及其併發症 Silicosis and its complications (16)			石棉肺症及其併發症 Asbestosis and its complications (17)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	3	1	-	13	-	-	-	-	-	6	129	3	4	1	1	9	5	2
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	2	2	1	-	-	-	-	-	-
製 造 業 Manufacturing Sectors	1	-	-	-	-	-	-	-	-	1	88	-	1	-	-	3	2	1
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
營 造 業 Construction Sector	-	-	-	-	-	-	-	-	-	2	12	2	3	1	1	3	2	-
批發及零售業 Wholesale and Retail Trade Sectors	-	-	-	-	-	-	-	-	-	1	5	-	-	-	-	1	-	-
運輸及倉儲業 Transportation and Storage Sector	-	1	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
資訊及通訊業 Information and Communication Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
支援服務業 Support Service Activities	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
教 育 服 務 業 Education Sectors	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
人類健康及社會工作 Activities Human Health and Social Work Activities	-	-	-	8	-	-	-	-	-	-	3	-	-	-	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
其他服務業 Other Service Activities	1	-	-	3	-	-	-	-	-	-	3	-	-	-	-	-	1	-

行 業 別 Industry Type	職 業 性 皮 膚 病 Skin diseases related to occupation (18)			職 業 相 關 癌 症 Cancers related to occupation (19)			其他可歸因於職業因素者 Others by occupational factors (20)			腦心血管疾病 Brain and cardiovascular diseases (21)			精 神 疾 病 Mental diseases (22)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	1	-	-	1	1	2	5	3	2	25	20	15	7	-	1
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製 造 業 Manufacturing Sectors	-	-	-	1	1	1	1	2	1	3	5	-	-	-	1
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
營 造 業 Construction Sector	1	-	-	-	-	1	2	-	-	1	-	1	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	-	-	-	-	-	-	-	1	-	2	1	-	1	-	-
運輸及倉儲業 Transportation and Storage Sector	-	-	-	-	-	-	1	-	-	1	1	4	2	-	-
住宿及餐飲業 Accommodation and Food Service Activities	-	-	-	-	-	-	-	-	-	1	1	-	2	-	-
資訊及通訊業 Information and Communication Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	-	-	-	-	-	-	-	-	-	2	1	1	1	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	-	-	-	-	-	-	-	-	-	9	7	6	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
教 育 服 務 業 Education Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
人類健康及社會工作 Activities Human Health and Social Work Activities	-	-	-	-	-	-	-	-	-	3	2	-	1	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
其他服務業 Other Service Activities	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-

表 9-2 勞工職業病傷 病、失能、死亡之成因
Table 9-2 Reasons of workers' occupational illnesses, illnesses, disabling injuries and death

中華民國 108年
Year 2019

單位：件
Unit: case

行 業 別 Industry Type	總 計 Total			眼 睛 疾 病 Eye disease (1)			游 離 輻 射 Ionizing radiation (2)			異 常 氣 壓 Abnormal atmospheric pressure (3)			異 常 溫 度 Abnormal temperature (4)			噪音引起之聽力損失 Noise-induced hearing loss (5)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	542	175	27	3	-	-	2	-	1	-	-	-	2	-	-	-	-	-
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製 造 業 Manufacturing Sectors	130	102	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
營 造 業 Construction Sector	131	19	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	57	9	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
運輸及倉儲業 Transportation and Storage Sector	33	7	4	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	43	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
資訊及通訊業 Information and Communication Sectors	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	5	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	17	13	7	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
教 育 服 務 業 Education Sectors	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
人類健康及社會工作 Activities	34	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
其他服務業 Other Service Activities	53	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

行 業 別 Industry Type	職 業 性 下 背 痛 Occupational low back pain (6)			振 動 引 起 之 疾 病 Diseases caused by vibration (7)			手 臂 肩 頸 疾 病 Arm, neck and shoulder disease (8)			缺 氧 症 Anoxia (9)			鉛 及 其 化 合 物 Lead and its compound (10)			其他重金屬及其化合物 Other heavy metal and its compound (11)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	113	7	-	2	-	-	345	8	-	1	-	-	-	-	-	-	-	-
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	3	-	-	-	-	-	4	1	-	-	-	-	-	-	-	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製 造 業 Manufacturing Sectors	27	1	-	-	-	-	90	3	-	1	-	-	-	-	-	-	-	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
營 造 業 Construction Sector	38	2	-	-	-	-	81	2	-	-	-	-	-	-	-	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	15	1	-	-	-	-	35	1	-	-	-	-	-	-	-	-	-	-
運輸及倉儲業 Transportation and Storage Sector	15	1	-	2	-	-	11	-	-	-	-	-	-	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	2	-	-	-	-	-	37	-	-	-	-	-	-	-	-	-	-	-
資訊及通訊業 Information and Communication Sectors	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	3	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	2	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
教 育 服 務 業 Education Sectors	1	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-
人類健康及社會工作 Activities	3	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
其他服務業 Other Service Activities	3	1	-	-	-	-	45	1	-	-	-	-	-	-	-	-	-	-

資料來源：勞工保險局。

說 明：以給付當年為準。

Data source: Bureau of Labor Insurance

Explanation: based on the year of payment

表 9-2 勞工職業病傷、病、失能、死亡之成因(續完)
Table 9-2 Reasons of workers' occupational illnesses, illnesses, disabling injuries and death (continued)

中華民國 108年
Year 2019

單位：件
Unit: case

行 業 別 Industry Type	有機溶劑或化學物質氣體 Organic solvents or chemical air (12)			生 物 性 危 害 Biological hazard (13)			職業性氣喘、過敏性肺炎 Occupational asthma and allergic pneumonia (14)			礦工塵肺症及其併發症 Coal worker pneumoconiosis and its complications (15)			矽肺症及其併發症 Silicosis and its complications (16)			石棉肺症及其併發症 Asbestosis and its complications (17)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	3	1	-	13	-	-	-	-	-	6	129	3	4	1	1	9	5	2
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	2	2	1	-	-	-	-	-	-
製 造 業 Manufacturing Sectors	1	-	-	-	-	-	-	-	-	1	88	-	1	-	-	3	2	1
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
營 造 業 Construction Sector	-	-	-	-	-	-	-	-	-	2	12	2	3	1	1	3	2	-
批發及零售業 Wholesale and Retail Trade Sectors	-	-	-	-	-	-	-	-	-	1	5	-	-	-	-	1	-	-
運輸及倉儲業 Transportation and Storage Sector	-	1	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
資訊及通訊業 Information and Communication Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
支援服務業 Support Service Activities	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
教 育 服 務 業 Education Sectors	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
人類健康及社會工作 Activities Human Health and Social Work Activities	-	-	-	8	-	-	-	-	-	-	3	-	-	-	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
其他服務業 Other Service Activities	1	-	-	3	-	-	-	-	-	-	3	-	-	-	-	-	1	-

行 業 別 Industry Type	職 業 性 皮 膚 病 Skin diseases related to occupation (18)			職 業 相 關 癌 症 Cancers related to occupation (19)			其他可歸因於職業因素者 Others by occupational factors (20)			腦心血管疾病 Brain and cardiovascular diseases (21)			精 神 疾 病 Mental diseases (22)		
	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	1	-	-	1	1	2	5	3	2	25	20	15	7	-	1
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製 造 業 Manufacturing Sectors	-	-	-	1	1	1	1	2	1	3	5	-	-	-	1
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
營 造 業 Construction Sector	1	-	-	-	-	1	2	-	-	1	-	1	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	-	-	-	-	-	-	-	1	-	2	1	-	1	-	-
運輸及倉儲業 Transportation and Storage Sector	-	-	-	-	-	-	1	-	-	1	1	4	2	-	-
住宿及餐飲業 Accommodation and Food Service Activities	-	-	-	-	-	-	-	-	-	1	1	-	2	-	-
資訊及通訊業 Information and Communication Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	-	-	-	-	-	-	-	-	-	2	1	1	1	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	-	-	-	-	-	-	-	-	-	9	7	6	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
教 育 服 務 業 Education Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
人類健康及社會工作 Activities Human Health and Social Work Activities	-	-	-	-	-	-	-	-	-	3	2	-	1	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
其他服務業 Other Service Activities	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-

表 9-3 勞工職業傷害人次及千人率按行業別分

Table 9-3 Occupational injuries in person-times and rate of injuries per 1,000 persons by industry

中華民國108年
Year 2019

行 業 別 Industry Type	職 業 傷 害 人 次 Occupational injuries in person-times				平均投保 人 數 Average number of insureds	職 業 傷 害 千 人 率 (0/00) Rate of occupational injuries per 1,000 persons			
	總 計 Total	傷 病 Illnesses	失 能 Disability	死 亡 Death		總 計 Total	傷 病 Illnesses	失 能 Disability	死 亡 Death
全產業 Whole industry	(26,019)	(24,323)	(1,456)	(240)	10,426,165	(2.496)	(2.333)	(0.140)	(0.023)
	49,326	46,723	2,118	485		4.731	4.481	0.203	0.047
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	(384)	(328)	(25)	(31)	340,960	(1.126)	(0.962)	(0.073)	(0.091)
	492	421	29	42		1.443	1.235	0.085	0.123
礦業及土石採取業 Mining and Quarrying Sectors	(25)	(21)	(3)	(1)	3,699	(6.759)	(5.677)	(0.811)	(0.270)
	31	26	4	1		8.381	7.029	1.081	0.270
製 造 業 Manufacturing Sectors	(7,899)	(7,109)	(714)	(76)	3,166,610	(2.494)	(2.245)	(0.225)	(0.024)
	14,113	13,105	869	139		4.457	4.138	0.274	0.044
電力及燃氣供應業 Electricity and Gas Supply Sectors	(35)	(25)	(9)	(1)	25,081	(1.395)	(0.997)	(0.359)	(0.040)
	58	46	11	1		2.313	1.834	0.439	0.040
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	(231)	(208)	(21)	(2)	50,645	(4.561)	(4.107)	(0.415)	(0.039)
	358	323	30	5		7.069	6.378	0.592	0.099
營 造 業 Construction Sector	(6,019)	(5,736)	(218)	(65)	663,381	(9.073)	(8.647)	(0.329)	(0.098)
	7,642	7,289	268	85		11.520	10.988	0.404	0.128
批發及零售業 Wholesale and Retail Trade Sectors	(3,736)	(3,494)	(225)	(17)	1,833,913	(2.037)	(1.905)	(0.123)	(0.009)
	8,463	8,061	351	51		4.615	4.396	0.191	0.028
Transportation and Storage Sector	(1,799)	(1,721)	(59)	(19)	427,497	(4.208)	(4.026)	(0.138)	(0.044)
	2,988	2,853	85	50		6.990	6.674	0.199	0.117
住宿及餐飲業 Accommodation and Food Service Activities	(2,247)	(2,210)	(35)	(2)	578,522	(3.884)	(3.820)	(0.060)	(0.003)
	4,787	4,685	91	11		8.275	8.098	0.157	0.019
資訊及通訊傳播業 Information and Communication Sectors	(112)	(108)	(4)	-	313,451	(0.357)	(0.345)	(0.013)	-
	533	508	15	10		1.700	1.621	0.048	0.032
金融及保險業 Financial and Insurance Activities	(84)	(77)	(6)	(1)	393,922	(0.213)	(0.195)	(0.015)	(0.003)
	597	570	22	5		1.516	1.447	0.056	0.013
不動產業 Real Estate Activities	(171)	(169)	(2)	-	147,032	(1.163)	(1.149)	(0.014)	-
	619	603	12	4		4.210	4.101	0.082	0.027
專業、科學及技術服務業 Professional, Scientific and Technical Activities	(353)	(334)	(18)	(1)	410,965	(0.859)	(0.813)	(0.044)	(0.002)
	1,055	1,018	31	6		2.567	2.477	0.075	0.015
支援服務業 Support Service Activities	(999)	(960)	(27)	(12)	417,759	(2.391)	(2.298)	(0.065)	(0.029)
	2,693	2,567	89	37		6.446	6.145	0.213	0.089
公共行政及國防；強制性社 會安全 Public Administration and Defence; Compulsory Social Security Sectors	(104)	(90)	(12)	(2)	141,115	(0.737)	(0.638)	(0.085)	(0.014)
	209	180	23	6		1.481	1.276	0.163	0.043
教育服務業 Education Sectors	(141)	(128)	(12)	(1)	340,884	(0.414)	(0.375)	(0.035)	(0.003)
	515	483	27	5		1.511	1.417	0.079	0.015
醫療保健及社會工作服務業 Human Health and Social Work Activities	(364)	(349)	(15)	-	506,870	(0.718)	(0.689)	(0.030)	-
	1,610	1,555	48	7		3.176	3.068	0.095	0.014
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	(197)	(188)	(6)	(3)	106,795	(1.845)	(1.760)	(0.056)	(0.028)
	430	410	15	5		4.026	3.839	0.140	0.047
其他服務業 Other Service Activities	(1,119)	(1,068)	(45)	(6)	557,066	(2.009)	(1.917)	(0.081)	(0.011)
	2,133	2,020	98	15		3.829	3.626	0.176	0.027

說明：1.表中括弧()內數字係工作場所發生之保險給付人次及千人率，不包含交通事故。表中未括弧者表示勞工保險給付人次及千人率，包含交通事故。

2.表中傷病不包含職業病之傷病。

3.以給付當年為準。

Explanation:

1. In this table, the figures in parentheses () refer to workplace accident insurance payments in person-times and rate of accidents per 1,000 persons, but do not include traffic accidents. In this table, the figures in parentheses () refer to labor insurance payments in person-times and rate of labor insurance payments per 1,000 persons, include traffic accidents.

2. In this table, injuries/illnesses do not include occupational illnesses

3. Based on the year of payment

表 9-5 歷年來農、林、漁、牧業勞工職業傷害人次及千人率

Table 9-5 Workers in agriculture, forestry, fishing and animal husbandry occupational injury person-times and rate of injuries per 1,000 persons by year

中華民國96年至108年

From 2007 to 2019

年 別 Year	職 業 傷 害 人 次 Occupational injuries in person-times				平均投保 人 數 Average number of insureds	職 業 傷 害 千 人 率 (0/00) Rate of occupational injuries per 1,000 persons			
	總 計 Total	傷 病 Illnesses	失 能 Disability	死 亡 Death		總 計 Total	傷 病 Illnesses	失 能 Disability	死 亡 Death
民國96年 2007	(391) 505	(332) 401	(41) 51	(18) 53	365,850	(1.069) 1.391	(0.907) 1.105	(0.112) 0.141	(0.049) 0.146
民國97年 2008	(457) 598	(376) 474	(50) 66	(31) 58	363,236	(1.258) 1.646	(1.035) 1.305	(0.138) 0.182	(0.085) 0.160
民國98年 2009	(552) 695	(460) 565	(58) 66	(34) 64	371,378	(1.486) 1.871	(1.239) 1.521	(0.156) 0.178	(0.092) 0.172
民國99年 2010	(538) 702	(458) 574	(52) 71	(28) 57	375,638	(1.432) 1.869	(1.219) 1.528	(0.138) 0.189	(0.075) 0.152
民國100年 2011	(559) 698	(477) 589	(58) 70	(24) 39	378,105	(1.478) 1.846	(1.262) 1.558	(0.153) 0.185	(0.063) 0.103
民國101年 2012	(541) 691	(456) 580	(55) 68	(30) 43	378,158	(1.431) 1.827	(1.206) 1.534	(0.145) 0.180	(0.079) 0.114
民國102年 2013	(489) 636	(405) 513	(51) 69	(33) 54	366,904	(1.333) 1.733	(1.104) 1.398	(0.139) 0.188	(0.090) 0.147
民國103年 2014	(479) 602	(411) 509	(50) 65	(18) 28	365,603	(1.310) 1.647	(1.124) 1.392	(0.137) 0.178	(0.049) 0.077
民國104年 2015	(424) 539	(363) 449	(34) 40	(27) 50	365,562	(1.160) 1.474	(0.993) 1.228	(0.093) 0.109	(0.074) 0.137
民國105年 2016	(394) 520	(342) 441	(29) 43	(23) 36	362,234	(1.088) 1.436	(0.944) 1.217	(0.080) 0.119	(0.063) 0.099
民國106年 2017	(393) 499	(328) 414	(35) 42	(30) 43	355,950	(1.104) 1.402	(0.921) 1.163	(0.098) 0.118	(0.084) 0.121
民國107年 2018	(367) 472	(312) 398	(26) 36	(29) 38	348,448	(1.053) 1.355	(0.895) 1.142	(0.075) 0.103	(0.083) 0.109
民國108年 2019	(384) 492	(328) 421	(25) 29	(31) 42	340,960	(1.126) 1.443	(0.962) 1.235	(0.073) 0.085	(0.091) 0.123

資料來源：勞工保險局。

說 明：1.表中括弧()內數字係工作場所發生之保險給付人次及千人率，不包含交通事故。

2.表中未括弧者表示勞工保險給付人次及千人率，包含交通事故。

3.表中傷病不包含職業病之傷病。

4.以給付當年為準。

Explanation:

1. In this table, the figures in parentheses () refer to workplace accident insurance payments in person-times and rate of labor insurance payments per 1,000 persons, but do not include traffic accidents.

2. In this table, the figures in parentheses () refer to labor insurance payments in person-times and rate of labor insurance payments per 1,000 persons, include traffic accidents.

3. In this table, injuries/illnesses do not include occupational illnesses

4. Based on the year of payment

表 9-6 歷年來礦業及土石採取業勞工職業傷害人次及千人率

Table 9-6 Mining and quarrying worker occupational injury person-times and rate of injuries per 1,000 persons by year

中華民國96年至108年

From 2007 to 2019

年 別 Year	職 業 傷 害 人 次 Occupational injuries in person-times				平均投保 人 數 Average number of insureds	職 業 傷 害 千 人 率 (0/00) Rate of occupational injuries per 1,000 persons			
	總 計 Total	傷 病 Illnesses	失 能 Disability	死 亡 Death		總 計 Total	傷 病 Illnesses	失 能 Disability	死 亡 Death
民國96年 2007	(25) 33	(22) 29	(2) 2	(1) 2	4,892	(5.110) 6.746	(4.497) 5.928	(0.409) 0.409	(0.204) 0.409
民國97年 2008	(24) 30	(23) 28	(1) 1	- 1	4,748	(5.055) 6.318	(4.844) 5.897	(0.211) 0.211	- 0.211
民國98年 2009	(34) 39	(32) 37	(2) 2	- -	4,553	(7.468) 8.566	(7.028) 8.127	(0.439) 0.439	- -
民國99年 2010	(47) 49	(42) 44	(3) 3	(2) 2	4,627	(10.158) 10.590	(9.077) 9.509	(0.648) 0.648	(0.432) 0.432
民國100年 2011	(32) 40	(25) 30	(5) 8	(2) 2	4,709	(6.795) 8.494	(5.309) 6.371	(1.062) 1.699	(0.425) 0.425
民國101年 2012	(43) 51	(37) 43	(4) 5	(2) 3	4,637	(9.273) 10.998	(7.979) 9.273	(0.863) 1.078	(0.431) 0.647
民國102年 2013	(36) 42	(33) 39	(3) 3	- -	3,970	(9.068) 10.579	(8.312) 9.824	(0.756) 0.756	- -
民國103年 2014	(24) 30	(18) 23	(3) 4	(3) 3	3,916	(6.129) 7.661	(4.597) 5.873	(0.766) 1.021	(0.766) 0.766
民國104年 2015	(24) 31	(21) 25	(3) 3	- 3	3,875	(6.194) 8.000	(5.419) 6.452	(0.774) 0.774	- 0.774
民國105年 2016	(14) 20	(10) 16	(2) 2	(2) 2	3,764	(3.720) 5.314	(2.657) 4.251	(0.531) 0.531	(0.531) 0.531
民國106年 2017	(16) 20	(15) 17	(1) 3	- -	3,658	(4.374) 5.467	(4.101) 4.647	(0.273) 0.820	- -
民國107年 2018	(26) 33	(24) 30	(2) 2	- 1	3,730	(6.971) 8.848	(6.435) 8.044	(0.536) 0.536	- 0.268
民國108年 2019	(25) 31	(21) 26	(3) 4	(1) 1	3,699	(6.759) 8.381	(5.677) 7.029	(0.811) 1.081	(0.270) 0.270

資料來源：勞工保險局。

說明：1.表中括弧()內數字係工作場所發生之保險給付人次及千人率，不包含交通事故。

2.表中未括弧者表示勞工保險給付人次及千人率，包含交通事故。

3.表中傷病不包含職業病之傷病。

4.以給付當年為準。

Explanation:

1. In this table, the figures in parentheses () refer to workplace accident insurance payments in person-times and rate of labor insurance payments per 1,000 persons, but do not include traffic accidents.

2. In this table, the figures in parentheses () refer to labor insurance payments in person-times and rate of labor insurance payments per 1,000 persons, include traffic accidents.

3. In this table, injuries/illnesses do not include occupational illnesses

4. Based on the year of payment

表 9-7 歷年來製造業勞工職業傷害人次及千人率

Table 9-7 Manufacturing worker occupational injury person-times and rate of injuries per 1,000 persons by year
中華民國96年至108年
From 2007 to 2019

年 別 Year	職 業 傷 害 人 次 Occupational injuries in person-times				平均投保 人 數 Average number of insureds	職 業 傷 害 千 人 率 (0/00) Rate of occupational injuries per 1,000 persons			
	總 計 Total	傷 病 Illnesses	失 能 Disability	死 亡 Death		總 計 Total	傷 病 Illnesses	失 能 Disability	死 亡 Death
民國96年									
2007	(17,060)	(15,202)	(1,763)	(95)	2,840,772	(6.005)	(5.351)	(0.621)	(0.033)
	22,753	20,469	2,073	211		8.009	7.205	0.730	0.074
民國97年									
2008	(17,565)	(15,778)	(1,687)	(100)	2,846,699	(6.170)	(5.543)	(0.593)	(0.035)
	23,589	21,458	1,937	194		8.286	7.538	0.680	0.068
民國98年									
2009	(15,054)	(13,590)	(1,387)	(77)	2,726,309	(5.522)	(4.985)	(0.509)	(0.028)
	20,603	18,820	1,616	167		7.557	6.903	0.593	0.061
民國99年									
2010	(16,011)	(14,479)	(1,450)	(82)	2,846,014	(5.626)	(5.087)	(0.509)	(0.029)
	22,352	20,445	1,708	199		7.854	7.184	0.600	0.070
民國100年									
2011	(15,556)	(13,930)	(1,520)	(106)	2,972,870	(5.233)	(4.686)	(0.511)	(0.036)
	22,094	20,104	1,783	207		7.432	6.762	0.600	0.070
民國101年									
2012	(14,806)	(13,279)	(1,430)	(97)	3,005,249	(4.927)	(4.419)	(0.476)	(0.032)
	21,238	19,325	1,722	191		7.067	6.430	0.573	0.064
民國102年									
2013	(13,672)	(12,237)	(1,348)	(87)	3,101,137	(4.409)	(3.946)	(0.435)	(0.028)
	20,085	18,301	1,619	165		6.477	5.901	0.522	0.053
民國103年									
2014	(12,211)	(10,983)	(1,157)	(71)	3,143,333	(3.885)	(3.494)	(0.368)	(0.023)
	18,967	17,362	1,442	163		6.034	5.523	0.459	0.052
民國104年									
2015	(11,263)	(10,051)	(1,148)	(64)	3,172,778	(3.550)	(3.168)	(0.362)	(0.020)
	17,492	15,981	1,358	153		5.513	5.037	0.428	0.048
民國105年									
2016	(10,134)	(9,072)	(967)	(95)	3,157,994	(3.209)	(2.873)	(0.306)	(0.030)
	15,968	14,628	1,178	162		5.056	4.632	0.373	0.051
民國106年									
2017	(9,206)	(8,222)	(918)	(66)	3,170,165	(2.904)	(2.594)	(0.290)	(0.021)
	15,086	13,836	1,111	139		4.759	4.364	0.350	0.044
民國107年									
2018	(8,628)	(7,684)	(880)	(64)	3,174,820	(2.718)	(2.420)	(0.277)	(0.020)
	14,772	13,550	1,063	159		4.653	4.268	0.335	0.050
民國108年									
2019	(7,899)	(7,109)	(714)	(76)	3,166,610	(2.494)	(2.245)	(0.225)	(0.024)
	14,113	13,105	869	139		4.457	4.138	0.274	0.044

資料來源：勞工保險局。

說 明：1.表中括弧()內數字係工作場所發生之保險給付人次及千人率，不包含交通事故。

2.表中未括弧者表示勞工保險給付人次及千人率，包含交通事故。

3.表中傷病不包含職業病之傷病。

4.以給付當年為準。

Explanation:

1. In this table, the figures in parentheses () refer to workplace accident insurance payments in person-times and rate of labor insurance payments per 1,000 persons, but do not include traffic accidents.

2. In this table, the figures in parentheses () refer to labor insurance payments in person-times and rate of labor insurance payments per 1,000 persons, include traffic accidents.

3. In this table, injuries/illnesses do not include occupational illnesses

4. Based on the year of payment

表 9-8 歷年來營造業勞工職業傷害人次及千人率

Table 9-8 Construction worker occupational injury person-times and rate of injuries per 1,000 persons by year

中華民國96年至108年

From 2007 to 2019

年 別 Year	職 業 傷 害 人 次 Occupational injuries in person-times				平均投保 人 數 Average number of insureds	職 業 傷 害 千 人 率 (0/00) Rate of occupational injuries per 1,000 persons			
	總 計 Total	傷 病 Illnesses	失 能 Disability	死 亡 Death		總 計 Total	傷 病 Illnesses	失 能 Disability	死 亡 Death
民國96年 2007	(9,560)	(8,933)	(541)	(86)	707,142	(13.519)	(12.633)	(0.765)	(0.122)
	11,327	10,516	687	124		16.018	14.871	0.972	0.175
民國97年 2008	(9,860)	(9,310)	(459)	(91)	701,111	(14.063)	(13.279)	(0.655)	(0.130)
	11,823	11,113	594	116		16.863	15.851	0.847	0.165
民國98年 2009	(9,596)	(9,062)	(444)	(90)	704,314	(13.625)	(12.866)	(0.630)	(0.128)
	11,588	10,890	580	118		16.453	15.462	0.823	0.168
民國99年 2010	(9,673)	(9,176)	(428)	(69)	713,412	(13.559)	(12.862)	(0.600)	(0.097)
	11,660	11,001	553	106		16.344	15.420	0.775	0.149
民國100年 2011	(9,783)	(9,242)	(450)	(91)	726,030	(13.475)	(12.730)	(0.620)	(0.125)
	11,756	11,045	590	121		16.192	15.213	0.813	0.167
民國101年 2012	(9,696)	(9,116)	(485)	(95)	725,593	(13.363)	(12.564)	(0.668)	(0.131)
	11,536	10,822	599	115		15.899	14.915	0.826	0.158
民國102年 2013	(8,669)	(8,194)	(392)	(83)	689,499	(12.573)	(11.884)	(0.569)	(0.120)
	10,451	9,859	483	109		15.157	14.299	0.701	0.158
民國103年 2014	(8,230)	(7,750)	(387)	(93)	684,962	(12.015)	(11.314)	(0.565)	(0.136)
	9,963	9,344	504	115		14.545	13.642	0.736	0.168
民國104年 2015	(7,623)	(7,222)	(321)	(80)	686,340	(11.107)	(10.522)	(0.468)	(0.117)
	9,399	8,878	418	103		13.694	12.935	0.609	0.150
民國105年 2016	(7,178)	(6,813)	(300)	(65)	679,063	(10.570)	(10.033)	(0.442)	(0.096)
	8,805	8,341	378	86		12.966	12.283	0.557	0.127
民國106年 2017	(6,692)	(6,335)	(285)	(72)	666,774	(10.036)	(9.501)	(0.427)	(0.108)
	8,257	7,831	342	84		12.384	11.745	0.513	0.126
民國107年 2018	(6,224)	(5,874)	(275)	(75)	663,212	(9.385)	(8.857)	(0.415)	(0.113)
	7,840	7,411	336	93		11.821	11.174	0.507	0.140
民國108年 2019	(6,019)	(5,736)	(218)	(65)	663,381	(9.073)	(8.647)	(0.329)	(0.098)
	7,642	7,289	268	85		11.520	10.988	0.404	0.128

資料來源：勞工保險局。

說 明：1.表中括弧()內數字係工作場所發生之保險給付人次及千人率，不包含交通事故。

2.表中未括弧者表示勞工保險給付人次及千人率，包含交通事故。

3.表中傷病不包含職業病之傷病。

4.以給付當年為準。

Explanation:

1. In this table, the figures in parentheses () refer to workplace accident insurance payments in person-times and rate of labor insurance payments per 1,000 persons, but do not include traffic accidents.

2. In this table, the figures in parentheses () refer to labor insurance payments in person-times and rate of labor insurance payments per 1,000 persons, include traffic accidents.

3. In this table, injuries/illnesses do not include occupational illnesses

4. Based on the year of payment

表 9-9 歷年來全產業勞工
Table 9-9 Number of all industries workers receiving insurance payments

中華民國96年
From 2007

年 別 Years	總 計 Total		傷 病 給 付 Injury or sickness benefits	
	件 數 number	金 額 amount	件 數 number	金 額 amount
民國96年 2007	1,404,795	7,217,857,610	51,383	2,038,766,633
民國97年 2008	1,519,795	6,109,059,535	55,400	2,242,831,855
民國98年 2009	959,203	6,910,459,519	53,945	2,392,250,725
民國99年 2010	832,489	7,394,211,381	57,496	2,589,424,249
民國100年 2011	1,501,809	7,472,002,621	57,921	2,718,751,532
民國101年 2012	1,930,484	7,945,729,710	57,774	2,720,161,010
民國102年 2013	1,255,212	6,929,259,459	54,684	2,442,778,998
民國103年 2014	1,513,649	7,011,556,244	53,378	2,339,364,507
民國104年 2015	1,556,835	6,963,299,760	51,304	2,329,142,094
民國105年 2016	1,588,109	6,598,941,437	48,900	2,274,032,334
民國106年 2017	1,677,386	6,605,765,733	47,901	2,145,190,399
民國107年 2018	1,896,490	6,792,344,109	47,372	2,037,623,974
民國108年 2019	1,995,850	6,919,377,557	47,265	2,043,240,185

資料來源：勞工保險局。
Data source: Bureau of Labor
Insurance

因工災害保險給付件數及金額
due to occupational accidents, and amount, by year

至108年
to 2019

失 能 給 付 Permanent disability benefits		死 亡 給 付 Death benefit		醫 療 給 付 Medical benefits	
件 數 number	金 額 amount	件 數 number	金 額 amount	件 數 number	金 額 amount
4,198	1,080,146,507	703	858,446,351	1,348,511	3,240,498,119
4,012	1,058,234,713	671	800,633,444	1,459,712	2,007,359,523
3,563	949,167,951	644	668,562,323	901,051	2,900,478,520
3,806	991,437,451	752	678,691,231	770,435	3,134,658,450
4,121	1,057,492,797	928	769,248,380	1,438,839	2,926,509,912
4,212	1,140,306,514	1,003	720,468,030	1,867,495	3,364,794,156
3,939	1,101,832,320	1,060	697,666,852	1,195,529	2,686,981,289
3,654	1,074,710,421	1,161	687,117,185	1,455,456	2,910,364,131
3,480	914,623,329	1,295	706,938,811	1,500,756	3,012,595,526
3,006	852,295,967	1,388	696,686,445	1,534,815	2,775,926,691
2,894	817,667,235	1,506	696,648,081	1,625,085	2,946,260,018
2,917	848,576,128	1,676	743,818,673	1,844,525	3,162,325,334
2,725	788,757,905	1,729	679,921,211	1,944,131	3,407,458,256

表 9-10 歷年來農、林、漁、牧

Table 9-10 Number of workers in agriculture, forestry, fishing and animal husbandry receiving

中華民國96年

From 2007

年 別 Years	總 計 Total		傷 病 給 付 Injury or sickness benefits	
	件 數 number	金 額 amount	件 數 number	金 額 amount
民國96年 2007	11,253	120,790,545	402	20,717,831
民國97年 2008	15,973	116,253,884	478	26,763,499
民國98年 2009	9,306	131,088,120	573	30,581,710
民國99年 2010	25,163	136,543,855	584	40,805,403
民國100年 2011	21,567	131,620,402	594	40,106,769
民國101年 2012	24,865	137,773,145	583	42,483,017
民國102年 2013	16,967	145,485,549	516	35,526,569
民國103年 2014	22,639	119,245,596	512	33,390,744
民國104年 2015	24,087	128,725,036	454	30,005,623
民國105年 2016	24,686	119,006,867	452	29,635,524
民國106年 2017	28,153	131,203,360	422	25,457,054
民國107年 2018	33,054	120,957,052	407	23,315,982
民國108年 2019	33,314	138,171,814	429	29,077,602

資料來源：勞工保險局。
Data source: Bureau of Labor
Insurance

業勞工因工災害保險給付件數及金額

insurance payments due to occupational accidents, and amount, by year

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失 能 給 付 Permanent disability benefits		死 亡 給 付 Death benefit		醫 療 給 付 Medical benefits	
件 數 number	金 額 amount	件 數 number	金 額 amount	件 數 number	金 額 amount
51	11,056,694	56	55,978,405	10,744	33,037,615
69	16,474,585	59	55,139,063	15,367	17,876,737
67	15,959,641	64	56,757,703	8,602	27,789,066
75	20,573,197	45	39,566,765	24,459	35,598,490
75	19,704,129	37	37,158,871	20,861	34,650,633
76	15,932,151	45	42,586,706	24,161	36,771,271
76	21,720,478	60	54,806,085	16,315	33,432,417
72	21,687,778	42	29,579,650	22,013	34,587,424
51	14,038,978	69	51,247,027	23,513	33,433,408
53	16,251,457	61	38,096,308	24,120	35,023,578
55	14,093,220	80	55,041,100	27,596	36,611,986
48	11,232,285	80	45,506,976	32,519	40,901,809
39	11,292,538	88	53,158,306	32,758	44,643,368

表 9-11 歷年來礦業及土石採取業
Table 9-11 Number of mining and quarrying sectors workers receiving insurance

中華民國96年
From 2007

年 別 Years	總 計 Total		傷 病 給 付 Injury or sickness benefits	
	件 數 number	金 額 amount	件 數 number	金 額 amount
民國96年 2007	969	7,701,812	31	1,862,829
民國97年 2008	874	5,947,835	29	1,505,012
民國98年 2009	691	6,256,232	37	2,013,892
民國99年 2010	1,142	12,774,175	44	3,066,811
民國100年 2011	1,050	14,744,700	30	2,890,326
民國101年 2012	1,201	10,115,090	43	2,267,623
民國102年 2013	652	7,943,074	39	2,017,787
民國103年 2014	682	11,779,131	23	2,041,107
民國104年 2015	600	11,117,180	26	1,391,182
民國105年 2016	645	5,801,978	16	1,151,176
民國106年 2017	565	6,106,562	17	945,085
民國107年 2018	721	7,232,780	30	1,852,352
民國108年 2019	985	11,145,831	28	2,300,216

資料來源：勞工保險局。
Data source: Bureau of Labor
Insurance

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payments due to occupational accidents, and amount, by year

至108年
to 2019

失 能 給 付 Permanent disability benefits		死 亡 給 付 Death benefit		醫 療 給 付 Medical benefits	
件 數 number	金 額 amount	件 數 number	金 額 amount	件 數 number	金 額 amount
3	1,311,828	2	2,605,500	933	1,921,655
2	621,900	1	1,890,000	842	1,930,923
6	1,933,440	-	-	648	2,308,900
5	1,306,248	2	3,001,500	1,091	5,399,616
23	5,711,643	2	2,334,000	995	3,808,731
12	2,571,339	3	2,594,700	1,143	2,681,428
12	3,362,721	-	-	601	2,562,566
13	4,376,061	4	3,534,267	642	1,827,696
17	4,974,510	4	3,077,946	553	1,673,542
8	2,353,416	4	680,076	617	1,617,310
3	733,650	4	2,798,456	541	1,629,371
7	1,755,663	4	2,457,456	680	1,167,309
6	2,860,827	5	2,647,956	946	3,336,832

表 9-12 歷年來製造業勞工因
Table 9-12 Number of manufacturing workers receiving insurance

中華民國96年
From 2007

年 別 Years	總 計 Total		傷 病 給 付 Injury or sickness benefits	
	件 數 number	金 額 amount	件 數 number	金 額 amount
民國96年 2007	740,973	2,946,154,450	20,542	702,537,809
民國97年 2008	685,139	2,339,118,729	21,557	741,467,777
民國98年 2009	479,530	2,577,389,001	18,949	734,768,178
民國99年 2010	755,063	2,614,277,645	20,590	771,642,391
民國100年 2011	631,758	2,669,641,938	20,288	821,035,018
民國101年 2012	824,111	2,845,183,400	19,481	804,345,616
民國102年 2013	558,504	2,486,968,988	18,456	757,487,678
民國103年 2014	629,968	2,443,152,324	17,509	716,919,230
民國104年 2015	637,630	2,411,106,127	16,201	691,090,834
民國105年 2016	626,613	2,229,832,571	14,749	651,414,424
民國106年 2017	668,765	2,232,606,611	13,957	621,912,297
民國107年 2018	723,680	2,301,104,220	13,691	591,201,570
民國108年 2019	773,408	2,288,151,817	13,235	563,623,623

資料來源：勞工保險局。
Data source: Bureau of Labor
Insurance

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payments due to occupational accidents, and amount, by year

至108年
to 2019

失 能 給 付 Permanent disability benefits		死 亡 給 付 Death benefit		醫 療 給 付 Medical benefits	
件 數 number	金 額 amount	件 數 number	金 額 amount	件 數 number	金 額 amount
2,127	489,145,891	217	276,001,325	718,087	1,478,469,425
1,977	450,067,505	202	255,798,550	661,403	891,784,897
1,672	396,485,726	173	193,408,730	458,736	1,252,726,367
1,782	399,003,834	222	215,668,813	732,469	1,227,962,607
1,862	434,477,667	302	255,223,059	609,306	1,158,906,194
1,871	464,717,666	322	238,554,081	802,437	1,337,566,037
1,760	452,840,878	330	207,077,381	537,958	1,069,563,051
1,584	425,016,442	360	198,314,531	610,515	1,102,902,121
1,524	375,938,242	391	210,546,386	619,514	1,133,530,665
1,314	341,551,202	431	215,519,970	610,119	1,021,346,975
1,253	319,551,891	454	190,479,711	653,101	1,100,662,712
1,225	350,444,063	543	240,319,677	708,221	1,119,138,910
1,083	293,361,708	539	212,575,213	758,551	1,218,591,273

表 9-13 歷年來營造業勞工
Table 9-13 Number of construction workers receiving insurance

中華民國96年
From 2007

年 別 Years	總 計 Total		傷 病 給 付 Injury or sickness benefits	
	件 數 number	金 額 amount	件 數 number	金 額 amount
民國96年 2007	149,114	1,300,941,336	10,552	477,817,800
民國97年 2008	167,961	1,122,381,057	11,174	538,250,163
民國98年 2009	96,897	1,336,798,422	10,979	575,597,145
民國99年 2010	202,867	1,325,023,366	11,107	609,673,083
民國100年 2011	159,183	1,358,423,899	11,183	643,824,431
民國101年 2012	207,767	1,427,013,101	10,950	624,421,025
民國102年 2013	122,979	1,209,895,164	9,953	532,044,296
民國103年 2014	145,324	1,220,843,244	9,471	497,380,877
民國104年 2015	144,090	1,159,240,647	9,029	495,092,308
民國105年 2016	145,157	1,090,268,997	8,474	482,951,839
民國106年 2017	143,228	1,037,862,185	7,931	423,320,812
民國107年 2018	152,929	994,853,366	7,544	372,064,212
民國108年 2019	152,766	948,995,300	7,420	359,953,347

資料來源：勞工保險局。
Data source: Bureau of Labor
Insurance

因工災害保險給付件數及金額

payments due to occupational accidents, and amount, by year

至108年
to 2019

失 能 給 付 Permanent disability benefits		死 亡 給 付 Death benefit		醫 療 給 付 Medical benefits	
件 數 number	金 額 amount	件 數 number	金 額 amount	件 數 number	金 額 amount
695	196,637,421	127	139,998,750	137,740	486,487,365
604	186,314,890	119	134,046,385	156,064	263,769,619
590	185,703,365	120	127,165,679	85,208	448,332,233
566	174,109,231	116	103,569,106	191,078	437,671,946
637	169,396,877	163	136,392,251	147,200	408,810,340
666	205,113,413	176	130,949,201	195,975	466,529,462
553	168,805,694	184	125,335,722	112,289	383,709,452
585	192,547,675	213	140,402,230	135,055	390,512,462
508	141,338,145	220	123,339,256	134,333	399,470,938
473	143,825,069	216	109,313,005	135,994	354,179,084
423	136,433,807	242	114,399,701	134,632	363,707,865
435	138,239,810	265	124,400,720	144,685	360,148,624
367	102,782,774	274	111,939,616	144,705	374,319,563