

Annual Report of Labor Inspection Statistics in 2020

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State of Labor Inspection Implementation in 2020

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State of Labor Inspection Implementation in 2020

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 932,101 registered business enterprises in Taiwan.

The total of 932,101 enterprises registered as hiring workers under the Labor Standards Act employed more than 8.803 million workers, of which 207,152 enterprises were in Taiwan Province, and accounted for 22.224% of the total; 165,609 enterprises were in New Taipei City, and accounted for 17.767% of the total; 162,190 enterprises were in Taipei City, and accounted for 17.400% of the total; 79,709 enterprises were in Taoyuan City, and accounted for 8.552% of the total; 145,142 enterprises were in Taichung City, and accounted for 15.571% of the total; 65,479 enterprises were in Tainan City, and accounted for 7.025% of the total, and 106,820 enterprises were in Kaohsiung City, and accounted for 11.460% 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, 2,719 enterprises were in the chief industries subject to the Occupational Safety and Health Act, which comprised agriculture, forestry, fishing, and animal husbandry, 272 enterprises comprised mining and quarrying sector, 135,540 enterprises comprised manufacturing, 1,386 enterprises comprised electricity and gas supply sector, 4,462 enterprises comprised water supply & remediation activities sector, 101,433 enterprises comprised construction sector, and 19,020 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 33,092 inspections of working conditions were conducted in 2020, and these inspections uncovered 6,341 violations; the penalty rate was 19.16%, and fines totaled NT\$322,900,000.

Of the total of 33,092 inspections of working conditions, 8,710 inspections took place in Taipei City, and these inspections uncovered 1,577 violations; 3,151 inspections took place in New Taipei City, and these inspections uncovered 1,242 violations; 2,895 inspections took place in Taoyuan City, and these inspections uncovered 671 violations; 2,168 inspections took place in Taichung City, and these inspections uncovered 617 violations; 2,619 inspections took place in Tainan City, and these inspections uncovered 477 violations; 2,229 inspections took place in Kaohsiung City, and these inspections uncovered 792 violations; 537 inspections took place in Yilan County, and these inspections uncovered 50 violations; 999 inspections took place in Hsinchu County, and these inspections uncovered 62 violations; 703 inspections took place in Miaoli County, and these inspections uncovered 38 violations; 1,508 inspections took place in Changhua County, and these inspections uncovered 221 violations; 281 inspections took place in Nantou County, and these inspections uncovered 47 violations; 526 inspections took place in Yunlin County, and these inspections uncovered 30 violations; 379 inspections took place in Chiayi County, and these inspections uncovered 22 violations; 884 inspections took place in Pingtung County, and these inspections uncovered 124 violations; 135 inspections took place in Taitung County, and these inspections uncovered 56 violations; 574 inspections took place in Hualien County, and these inspections uncovered 61 violations; 238 inspections took place in Penghu County, and these inspections uncovered 6 violations; 482 inspections took place in Keelung City, and these inspections uncovered 56 violations; 566 inspections took place in Hsinchu City, and these inspections uncovered 30 violations; 714 inspections took place in Chiayi City, and these inspections uncovered 17 violations; 63 inspections took place in Kinmen County, and these inspections uncovered 7 violations; 150 inspections took place in Lianjiang County, and these inspections uncovered 1 violations; 261 inspections took place in Export Processing Zone, and these inspections uncovered 41 violations; 153 inspections took place in Hsinchu Science Park, and these inspections uncovered 58 violations; 75 inspections took place in Central Taiwan Science Park, and these inspections uncovered 24 violations; 59 inspections took place in Southern Taiwan Science Park, and these inspections uncovered 12 violations; The Occupational Safety and Health Center in northern Taiwan conducted 679 inspections, of which 190 inspections were referred to the competent authority; the Occupational Safety and Health Center in central Taiwan conducted 593 inspections, of which 136 inspections were referred to the competent authority and the Occupational Safety and Health Center in southern Taiwan conducted 761 inspections, of which 212 inspections were referred to the competent authority.

In 2020, inspection organizations conducted 146,827 occupational health and safety inspections of enterprises, 31,796 jack-up elevator inspections (including 28,443 periodic inspections conducted on behalf of inspection organizations), 6,379 boiler inspections (including 5,462 periodic inspections conducted on behalf of inspection organizations); 28,673 pressure vessel inspections (including 25,422 periodic inspections conducted on behalf of inspection organizations); 32,055 specific equipment for high pressure gases inspections (including 28,479

periodic inspections conducted on behalf of inspection organizations) and 4,357 high pressure gas vessel inspections (including 4,141 periodic inspections conducted on behalf of inspection organizations). In the case of mining, the scope of inspection scope included all coal mines, and 892 inspections focusing on pit safety inspection were conducted; 6 working condition inspections and 98 sanitation inspections were also implemented during 2020.

2. Situation of enterprises receiving inspections

A total of 121,219 units (companies) were inspected in 2020: the 22,595 enterprises in Taipei City that were inspected accounted for 18.64% of the total; 14,338 enterprises in Kaohsiung City for 11.83%; 12,053 enterprises in New Taipei City for 9.94%; 11,647 enterprises in Taoyuan City for 9.61% and 6,397 enterprises in Taichung City for 5.28%.

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) Working condition inspections:

Working condition 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 33,092 working condition inspections were conducted in 2020 (including 30,961 preliminary investigations and 2,131 reexaminations), of which preliminary investigations accounted for 93.56%, and the reexamination ratio was 6.44%, the reexamination rate was 6.88%, and the enterprise spot check rate was 3.55%; of these inspections, 2,033 were conducted by this Administration's three regional centers. The 261 inspections were conducted in export processing zone; 153 inspections were conducted in Hsinchu Science Park; 75 inspections were conducted in Central Taiwan Science Park and 59 inspections were conducted in Southern Taiwan Science Park.
- b. Of the total of 33,092 working condition inspections, 7,724 uncovered violations of laws and regulations, a total of 11,201 violations were found. And 11,071 of these constituted violations of the Labor Standards Act; 10 of these constituted violations of the Employment Service Act; 3 of these constituted violations of the Employment Service Act; 52 of these constituted violations of the Employee Welfare Fund Act; 30 of these constituted violations of the Labor Insurance Act and 35 of these constituted violations of the Labor Inspection Act.
- c. In analysis by industry, the 104 inspections of agriculture, forestry, fishing, and animal husbandry enterprises uncovered 42 violations in 28 cases; 6 inspections of mining and quarrying sector uncovered 2 violations in 2 cases; 5,825 inspections of manufacturing uncovered 1,359 violations in 1,892 cases; 78 inspections of electricity

and gas supply sector uncovered 18 violations in 26 cases; 133 inspections of water supply & remediation activities uncovered 54 violations in 40 cases; 1,190 inspections of construction sector uncovered 593 violations in 438 cases; 5,924 inspections of wholesale and retail trade sector uncovered 2,471 violations in 1,668 cases; 3,044 inspections of transportation and storage sector uncovered 684 violations in 468 cases 4,322 inspections of accommodation and food service activities uncovered 1,701 violations in 1,109 cases; 797 inspections of information and communication uncovered 309 violations in 239 cases; 719 inspections of financial and insurance activities uncovered 221 violations in 164 cases; 379 inspections of real estate activities uncovered 171 violations in 113 cases; 1,107 inspections of professional, scientific and technical activities uncovered 480 violations in 347 cases; 2,217 inspections of support service activities uncovered 1,040 violations in 683 cases; 60 inspections of public administration and defence; compulsory social security uncovered 9 violations in 6 cases; 1,104 inspections of education uncovered 198 violations in 173 cases; 4,021 inspections of human health and social work activities uncovered 688 violations in 471 cases; 1,097 inspections of arts, entertainment and recreation activities uncovered 184 violations in 123 cases and 965 inspections of other service activities uncovered 436 violations in 275 cases.

- d. In analysis by region, the 8,710 inspections in Taipei City uncovered 3,449 violations; the 3,151 inspections in New Taipei City uncovered 1,947 violations; 2,895 inspections in Taoyuan City uncovered 943 violations; 2,168 inspections in Taichung City uncovered 839 violations; 2,619 inspections in Tainan City uncovered 652 violations; 2,229 inspections in Kaohsiung City uncovered 1,265 violations; 537 inspections in Yilan County uncovered 83 violations; 999 inspections in Hsinchu County uncovered 99 violations; 703 inspections in Miaoli County uncovered 64 violations; 1,508 inspections in Changhua County uncovered 292 violations; 281 inspections in Nantou County uncovered 66 violations; 526 inspections in Yunlin County uncovered 47 violations; 379 inspections in Chiayi County uncovered 27 violations; 884 inspections in Pingtung County uncovered 165 violations; 135 inspections in Taitung County uncovered 77 violations; 574 inspections in Hualien County uncovered 100 violations; 238 inspections in Penghu County uncovered 7 violations; 482 inspections in Keelung City uncovered 83 violations; 566 inspections in Hsinchu City uncovered 39 violations; 714 inspections in Chiayi City uncovered 17 violations; 63 inspections in Kinmen County uncovered 10 violations; 150 inspections in Lianjiang County uncovered 5 violations; 261 inspections in Export Processing Zone uncovered 52 violations; 153 inspections in Hsinchu Science Park uncovered 81 violations; 75 inspections in Central Taiwan Science Park uncovered 27 violations and 59 inspections in Southern Taiwan Science Park uncovered 20 violations.

- e. With regard to violations of the Labor Standards Act, violations of overtime wage regulations in Article 24 numbered 2,425, making them the most numerous type of violation, and accounted for 21.65% of the total; followed by violations of regular working time in Article 30 numbered 1,386, and accounted for 12.37% of the total; violations of extension of working hours in Article 32 numbered 1,263, and accounted for 11.28% 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 1,241, and accounted for 11.08% of the total.
- f. Of the 30,961 preliminary investigations conducted in working condition inspection cases, inspection uncovered discovered a total of 10,946 violations of laws and regulations. And 10,821 of these constituted violations of the Labor Standards Act, 10 of these constituted violations of the Employment Service Act, 3 of these constituted violations of the Employee Welfare Fund Act, 52 of these constituted violations of the Labor Insurance Act, 30 of these constituted violations of the Labor Pension Act, and 30 of these constituted violations of the Labor Inspection Act.
- g. Among failing items constituting violations of the Labor Standards Act found in preliminary investigations, 3,514 inspections (11.35%) found 4,182 violations wage-related matters in Articles 21 through 28, which was the most numerous type of violation. Followed by 2,577 inspections (8.32%) found 2,738 violations matters regarding hours of work in Articles 30 through 34; 2,267 inspections (7.32%) found 2,689 violations matters regarding hours of work in Articles 35 through 43; 858 inspections (2.77%) found 858 violations matters regarding hours of work in Articles 74 and 83.
- h. A total of 2,131 enterprises received reexaminations in working condition inspection cases, and these inspections uncovered 255 cases in which substandard working condition constituting violations of laws and regulations. And 250 of these constituted violations of the Labor Standards Act, 0 of these constituted violations of the Employment Service Act, 0 of these constituted violations of the Employee Welfare Fund Act, 0 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. (see Table 2-9)
- i. As for failing matters constituting violations of the Labor Standards Act found in reexaminations, 73 reexaminations (3.43%) found 76 violations of the matters regarding violation of Articles 30 to 34 of the Act concerning working hours matters, which was the most numerous type of violation. Followed by 70 reexaminations (3.28%) found 80 wage-related violations of Articles 21 through 28, 64 reexaminations (3.00%) found 76 violation of Articles 35 to 43 concerning rest and vacation matters.
- j. A total of 10,036 enterprises received working condition appeal inspections, in which

7,482 violations of laws and regulations were uncovered, and 7,454 of these constituted violations of the Labor Standards Act.; 8 of these constituted violations of the Employment Service Act, 0 of these constituted violations of the Employee Welfare Fund Act, 5 of these constituted violations of the Labor Insurance Act, 0 of these constituted violations of the Labor Pension Act and 15 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, 2,654 inspections (26.44%) uncovered 3,201 violations of Articles 21 through 28 of the Act, which constituted the most numerous type of violation, followed by 1,869 inspections (18.62%) uncovered 1,976 violations of Articles 30 through 34 of the Act, and 1,648 inspections (16.42%) uncovered 2,007 violations of Articles 35 through 43 of the Act.
- (2) Occupational health and safety inspections results:
- a. A total of 146,827 occupational health and safety inspections of enterprises were conducted in 2020 (including 120,067 preliminary investigations and 26,760 reexaminations), of which the preliminary investigations ratio was 81.77%, the reexamination ratio was 18.23%, and the reexamination rate was 22.29%. Among these inspections, 65,950 were conducted by this Administration's three regional centers (57,113 preliminary investigations and 8,837 reexaminations); 23,812 were conducted by Taipei City Labor Inspection Office (14,939 preliminary investigations and 8,873 reexaminations); 9,911 were conducted by Labor standards Inspection Office, New Taipei City Government (8,604 preliminary investigations and 1,307 reexaminations); 9,192 were conducted by Office of Labor Inspection, Taoyuan (8,273 preliminary investigations and 919 reexaminations); 9,127 were conducted by Taichung City Labor Inspection Office (7,813 preliminary investigations and 1,314 reexaminations); 4,833 were conducted by Occupational Safety and Health Department, Labor Affairs Bureau of Tainan City Government (4,244 preliminary investigations and 589 reexaminations); 19,961 were conducted by Labor Standards Inspection Office, Labor Affairs Bureau, Kaohsiung City Government (15,826 preliminary investigations and 4,135 reexaminations); 1,702 were conducted by export processing zone (1,368 preliminary investigations and 334 reexaminations); 1,076 were conducted by Hsinchu Science Park (851 preliminary investigations and 225 reexaminations); 567 were conducted by Central Taiwan Science Park (458 preliminary investigations and 109 reexaminations); 696 were conducted by Southern Taiwan Science Park (578 preliminary investigations and 118 reexaminations)
 - b. A total of 120,067 enterprises received preliminary investigations in occupational health and safety inspection cases, and a total of 127,767 violations of laws and regulations were uncovered in these inspections, of which the 61,902 violations of article 6 of the Occupational Safety and Health Act found in 31,421 inspections

accounted for 26.17% of the total and for the most numerous type of violation; followed by the 28,649 violations of Paragraph 1, Article 23 of the Occupational Safety and Health Act found in 21,392 inspections accounted for 17.82%; the 13,817 violations of Article 32 of the Occupational Safety and Health Act found in 11,730 inspections accounted for 9.77%; the 7,287 violations of Article 34 of the Occupational Safety and Health Act found in 7,283 inspections accounted for 6.07%; the 7,943 violations of Article 10 of the Occupational Safety and Health Act found in 5,799 inspections accounted for 4.83%; the 3,089 violations of Article 20 of the Occupational Safety and Health Act found in 2,869 inspections accounted for 2.39%; the 1,139 violations of Article 22 of the Occupational Safety and Health Act found in 1,080 inspections accounted for 0.90%; the 1,560 violations of Article 27 of the Occupational Safety and Health Act found in 601 inspections accounted for 0.50%.

- c. Among failing matters constituting violations of Article 6 of the Occupational Safety and Health Act found in preliminary investigations, 20,516 instances of other deficiencies were found in 14,893 inspections (12.40%), and constituted the most numerous type of violation; a total of 9,363 deficiencies in physical and mental health protection measures of laborers were found in 5,576 inspections (4.64%), and constituted the second most numerous type of violation. Followed by a total of 5,155 deficiencies in prevention of falling and falling objects accident were found in 4,267 inspections (3.55%); a total of 4,836 deficiencies in safety facilities of electric apparatus were found in 4,139 inspections (3.54%); a total of 3,658 deficiencies in deficiencies in workplaces and passageways were found in 3,321 inspections (2.68%); a total of 4,014 deficiencies in special machinery or equipment specified as dangerous were found in 3,320 inspections (2.77%); a total of 3,015 deficiencies in other hazard prevention equipment were found in 2,694 inspections (2.24%); a total of 2,587 deficiencies in scaffold and working platform were found in 1,549 inspections (1.29%); a total of 2,033 deficiencies in safety equipment of jack-up elevator were found in 1549 inspections (1.29%); a total of 1,517 deficiencies in safety equipment of boiler and pressure vessel (steam) were found in 1,473 inspections (1.23%); a total of 940 deficiencies in safety equipment against explosion, fire and corrosion prevention in hazardous areas were found in 848 inspections (0.71%); a total of 940 deficiencies in safety equipment of centrifugal separator, grinding machine, mixer and chaser mill were found in 848 inspections (0.71%); a total of 1071 deficiencies in safety equipment of work machine and wood processing machine were found in 827 inspections (0.69%); a total of 660 deficiencies in strut were found in 636 inspections (0.53%); a total of 412 deficiencies in strut were found in 402 inspections (0.33%).
- d. There were 26,760 reexaminations in enterprises occupational health and safety inspection cases, and of the 15,066 items for which enterprises had provided

notification of improvement after failing preliminary investigations, reexamination found improvement had been made in 13,693 cases, for an improvement rate of 90.89%. Of these, in 3 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 3 cases, for an improvement rate of 100.00%.

In 22 cases in which notification of improvement was made for violations of Article 11 of the Occupational Safety and Health Act involving chemicals assessment risk grade and graded management measures ; improvement was made in both of the 22 cases, for an improvement rate of 100.00%. In 4 cases in which notification of improvement was made for violations of Article 14 of the Occupational Safety and Health Act involving controlled chemicals; improvement was made in both of the 4 cases, for an improvement rate of 100.00%. In 9 cases in which notification of improvement was made for violations of Article 21 of the Occupational Safety and Health Act involving health management measures, inspection manuals and other compliance matters improvement was made in both of the 9 cases, for an improvement rate of 100.00%. In 16 cases in which notification of improvement was made for violations of Article 23 of the Occupational Safety and Health Act involving automated inspection ; improvement was made in both of the 16 cases, for an improvement rate of 100.00%. In 1 case in which notification of improvement was made for violations of Article 31 of the Occupational Safety and Health Act involving the health protection measures for female workers after pregnancy or delivery in accordance with the physician's suitability assessment recommendations; improvement was made in both of the 1 cases, for an improvement rate of 100.00%. Of the 2 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 both 2 cases, for an improvement rate of 100.00%, which was the highest rate for any violation type.

In 8,84 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 8,33 cases, for an improvement rate of 94.23%. In 3,689 cases in which notification of improvement was made for violations of Article 23 of the Occupational Safety and Health Act involving safety and health management organization personnel, improvements had been made in 3461 cases, for an improvement rate of 93.82%. In 584 cases in which notification of improvement was made for violations of Article 34 of the Occupational Safety and Health Act involving the code of safety and health work, improvements had been made in 504 cases, for an

improvement rate of 86.30% (fourth). In 503 cases in which notification of improvement was made for violations of Article 27 of the Occupational Safety and Health Act involving the necessary measures specified to be taken for joint operations, improvements had been made in 422 cases, for an improvement rate of 83.90% (fifth). In 12 cases in which notification of improvement was made for violations of Article 24 of the Occupational Safety and Health Act involving the dangerous mechanical equipment operators to be operated by qualified personnel, improvements had been made in 10 cases, for an improvement rate of 83.33% .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 1 of the cases where the enterprise reported improvement, In 28 cases in which notification of improvement was made for deficiencies in high-pressure gas containers and equipment and safety equipment, improvements had been made in all 28 cases, for an improvement rate of 100.00%; of the 4 cases of hazardous and deleterious substances deficiency violations, improvements had been made in all 4 cases, for an improvement rate of 100.00%; of the 9 cases of noise treatment and prevention deficiency violations, improvements had been made in all 9 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 4 cases of sanitation and toilet deficiency violations, improvements had been made in all 4 cases, for an improvement rate of 100.00%; of the 5 cases of drinking water deficiency violations, improvements had been made in all 5 cases, for an improvement rate of 100.00%; of the 1 cases of restaurant, kitchen and rest deficiency violations, improvements had been made in all 1 cases, for an improvement rate of 100.00%; In 98 cases in which notification of improvement was made for violations of Article 22 of the Occupational Safety and Health Act involving the health management, occupational disease prevention and health promotion for hired or special health care providers, improvement was made in 72 cases, for an improvement rate of 73.47%, which was the lowest rate. In 14 cases in which notification of improvement was made for violations of Article 16 of the Occupational Safety and Health Act involving using hazardous machines and equipment without safety inspection, improvement was made in 11 cases, for an improvement rate of 78.57%, which was the second lowest 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 25 of the 34 cases of work machine and wood processing machine safety equipment deficiency violations in which the enterprise reported improvement, which constituted the lowest improvement rate (73.53%), 2,874 cases in which notification of

improvement was made for others, improvement was made in 2,523 cases, for an improvement rate of 87.79% , which was the second lowest.

- (3) State of handling of workers' appeal and petition cases:
 - a. Workers' appeal cases numbered was 7,406 in 2020, and 6,089 of these constituted appeals concerning labor standards; 1,170 of these constituted appeals concerning Occupational Safety and Health; 26 of these constituted appeals concerning employment service; 243 of these constituted appeals concerning Employee Welfare Fund; 268 of these constituted appeals concerning Labor Insurance; 304 of these constituted appeals concerning comprehensive issues.
 - b. State of handling of inspection results:

Administrative fines were assessed under the Labor Standards Act in 3,824 cases, and judiciary investigation in 0 cases; administrative fines were assessed under the Occupational Safety and Health Act in 27 cases, partial work stoppage in 1 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 2 case; and judiciary investigation in 0 cases.
- (4) State of working condition inspections:
 - a. A total of 3,970 inspections were completed during 2020. Of these, working condition cases involving railway transportation and mass rapid transit system transportation industry numbered 20; working condition cases involving trucking industry numbered 594; project inspection cases involving the automobile passenger transport (including national highways and ordinary highways) industry 71; 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 1,428; working condition cases involving human supply and composite support service industry numbered 110; working condition cases involving the financial service industry numbered 100; working condition cases involving IC components manufacturing industry numbered 154; working condition cases involving security industry numbered 80; working condition cases involving kindergartens numbered 81, working condition cases involving medical hospitals numbered 50, working condition cases involving the social work service industry numbered 70, working condition cases involving the epidemic prevention industry due to serious special infectious pneumonia numbered 100.
 - b. A total of 1,275 violations of laws and regulations were uncovered in inspections of

enterprises' working conditions, of which 1,200 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; 33 constituted violations of the Labor Pension Act ; 1 constituted violations of the Employee Welfare Fund Act; 34 constituted violations of the Labor Insurance Act; 1 constituted violations of the Employment Insurance Act and 4 constituted violations of Labor Inspection Act.

- c. State of handling of inspection results: there were of 844 violations; fines were assessed in 765 cases; judiciary investigation were assessed in 0 cases; the penalty rate was 21.26%.
- (5) Status of child workers and adolescents in working condition inspections:
- a. The case inspections completed in 2020 uncovered 453 violations of training student working conditions, and 53 violation of working conditions in industries applicable to relaxed holiday policies as per Labor Standards Act, for a total of 506 child and adolescent worker working condition violations; of these, 1 involved persons under the age of 15, 4 involved persons between the ages of 15 and 16, and 501 involved persons between the ages of 16 and 18.
 - b. A total of 33 violations of laws and regulations were found in extension cases involving man-hour wages in violation of Article of which the 6 violations of 24 of the Labor Standards Article involving wages for holidays constituted the most numerous type of violation.
- (6) Occupational health and safety case inspections:
- a. A total of 118,471 inspections were completed during 2019 (including 96,586 preliminary investigations and 21,855 reexaminations). Of these, 696 inspections were conducted under joint checking plans by ministries and associations; project inspection cases involving Spring safety inspection plan numbered 10,674, project inspection cases involving used or adjacent road operations numbered 7,464; inspection plan of disability accident prevention numbered 27,311; preventing falls from roofs numbered 6,126 ; safety and health inspection of outer wall cleaning numbered 167; advocacy and coaching plan of high-risk business entity numbered 15,557; prevention of fire and explosion numbered 8,119; OSH project inspection of cooperative education numbered 121; Inspection plan of occupational environmental monitoring business project numbered 9,86; OSH supervision inspection of internship organizations numbered 18; supervision inspection plan of state-owned enterprises numbered 2,684; intensification of accident prevention plan of fire explosion in PCB factory numbered 65; joint safety inspection plan for high risk factories by ministries and associations numbered 60; safety plan of open excavation such as pipe trench and road numbered 2,934; project inspection cases involving the supervision and inspection plan for foreign immigrant worker education and training numbered 1,115,

project inspection cases involving occupational safety and health of foreign immigrant workers numbered 892, project inspection cases involving dynamic inspection plan numbered 15,515; dynamic check plan numbered 14,092; EEP project plan numbered 689; project inspection of decoration engineering numbered 2,288; strategies against dropping of construction industry numbered 19,636; project inspection of new high-tech workshops numbered 300; decoration inspection of completed building numbered 37; improvement plan for inspection and coating of small and medium-sized construction sites numbered 18,574; Recheck plan for Class A, B and C hazardous workplaces on site numbered 822; plans for the operation besides water numbered 735; 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 14,306; project plan of occupational disease prevention numbered 14,460; prevention inspection for high temperature hazard for the outdoor work in summer numbered 12,694; project inspection of health service items handled for health care workers employed by public institutions numbered 1,603; project inspection of labor workers' physical and mental health numbered 5,284; project inspection cases involving the guidance plan for suspected occupational diseases investigation numbered 19; accurate inspection plan numbered 5,629; supervision plan for QC inspection of dangerous machinery & equipment numbered 320; project plan of dangerous machinery & equipment numbered 2,693; project plan of high pressure gas numbered 280; supervision inspection of quality of inspection agencies numbered 2,768; application for extension and replacement of hazardous equipment numbered 26; inspection plan for crane safety management numbered 2,066; safety project plan of tank car filling and dismantling numbered 24; check and supervision of elevator clearing numbered 2,243; work plan for assisting employers' improvement of labor safety & health facilities and working environment as well as employment intention numbered 30,612.

- b. There was a total of 121,397 enterprises inspection of occupational safety and health project, and a total of 61,391 violations of Article 6 of the Occupational Safety and Health Act for the most numerous type of violation. The following were 26,755 violations of Article 23 of the Occupational Safety and Health Act; 12,080 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 2,607 factories with over 100 persons that were inspected and listed for management, 490 (18.80%) have established health and safety organizations in accordance with regulations. Of the 5,495 of other enterprises with over 100 persons that were inspected and listed for management, 830 (15.10%) have established health and safety organizations in accordance with

regulations. Of the 2,687 of factories with 30 to 100 persons that were inspected and listed for management, 361 (13.44%) have established health and safety organizations in accordance with regulations. Of the 5,077 of other enterprises with 30 to 100 persons that were inspected and listed for management, 545 (10.73%) 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 2020, working conditions were inspected at 33,092 enterprises, and occupational health & safety inspections were conducted at 146,828 enterprises; of these violations of the Labor Standards Act were referred to the competent authority and 6,339 cases, and fines were assessed in 6,875 cases, which constituted a penalty rate of 20.78%, and 2 cases to judicial authority for investigation. Violations of the Occupational Safety and Health Act were 9,073 cases, which constituted a penalty rate of 6.18%, fines were assessed in 6,916 cases, partial work stoppage in 1,955 cases, full work stoppage in 4 cases, and 198 cases to judicial authority for investigation.

III. Analysis of special-item inspections

1. Dangerous 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 2020, there were 31,796 jack-up elevator inspections, of which preliminary investigations numbered 30,673 instances (including 28,443 preliminary investigations in periodic inspection cases) and 1,123 reexaminations, giving a reexamination rate of 3.66% (893 reexaminations were conducted in periodic inspection cases). (see Table 3-2)

Of them, 18,538 inspections were conducted in the Taiwan & Fuchien Area (including 17,886 preliminary investigations and 652 reexaminations; preliminary investigations in periodic inspection cases numbered 16,062 and reexaminations numbered 507); 1,377 inspections were conducted by Taipei City Labor Inspection Office (including 1,323 preliminary investigations and 54 reexaminations; preliminary investigations in periodic inspection cases numbered 1,024 and reexaminations numbered 42); 4,197 inspections were conducted by Taichung City Labor Inspection Office (including 4,056 preliminary investigations and 141 reexaminations;

preliminary investigations in periodic inspection cases numbered 3,633 and reexaminations numbered 102); 7,141 inspections were conducted by Kaohsiung City Labor Inspection Office (including 6,872 preliminary investigations and 269 reexaminations; preliminary investigations in periodic inspection cases numbered 6,319 and reexaminations numbered 238); 85 inspections were conducted by Export Processing Zone (including 83 preliminary investigations and 2 reexaminations; preliminary investigations in periodic inspection cases numbered 78 and reexaminations numbered 1); 28 inspections were conducted by Hsinchu Science Park (including 28 preliminary investigations and 0 reexaminations; preliminary investigations in periodic inspection cases numbered 28 and reexaminations numbered 0); 193 inspections were conducted by Central Taiwan Science Park (including 191 preliminary investigations and 2 reexaminations; preliminary investigations in periodic inspection cases numbered 178 and reexaminations numbered 1); and 237 inspections were conducted by Southern Taiwan Science Park (including 235 preliminary investigations and 2 reexaminations; preliminary investigations in periodic inspection cases numbered 228 and reexaminations numbered 2).

In 2020, there were 71,456 dangerous equipment inspections (including 63,029 preliminary investigations in periodic inspection cases, giving a reexamination rate of 0.86%) (475 reexaminations were conducted in periodic inspection cases); 6,379 boiler inspection, of which preliminary investigations numbered 6,254 instances (including 5,366 preliminary investigations in periodic inspection cases), 125 reexaminations (96 reexaminations were conducted in periodic inspection cases); 28,673 pressure vessel inspection, of which preliminary investigations numbered 28,505 instances (including 25,287 preliminary investigations in periodic inspection cases), 168 reexaminations (135 reexaminations were conducted in periodic inspection cases); 32,055 specific equipment for high pressure gases inspection, of which preliminary investigations numbered 31,812 instances (including 28,312 preliminary investigations in periodic inspection cases), 243 reexaminations (167 reexaminations were conducted in periodic inspection cases); and 4,357 high pressure gas vessel inspection, of which preliminary investigations numbered 4,280 instances (including 4,064 preliminary investigations in periodic inspection cases), 77 reexaminations (77 reexaminations were conducted in periodic inspection cases).

Of them, 45,854 inspections were conducted in the Taiwan & Fuchien Area (including 45,454 preliminary investigations and 400 reexaminations; preliminary investigations in periodic inspection cases numbered 39,661 and reexaminations numbered 298); 1004 inspections were conducted by Taipei City Labor Inspection Office (including 992 preliminary investigations and 12 reexaminations; preliminary investigations in periodic inspection cases numbered 915 and reexaminations numbered 11); 3,862 inspections were conducted by Taichung City Labor Inspection Office (including 3,839 preliminary investigations and 23 reexaminations;

preliminary investigations in periodic inspection cases numbered 2,317 and reexaminations numbered 21); 17,776 inspections were conducted Kaohsiung City Labor Inspection Office (including 17,633 preliminary investigations and 143 reexaminations; preliminary investigations in periodic inspection cases numbered 16,438 and reexaminations numbered 119); 630 inspections were conducted by Export Processing Zone (including 617 preliminary investigations and 13 reexaminations; preliminary investigations in periodic inspection cases numbered 580 and reexaminations numbered 13); 927 inspections were conducted by Hsinchu Science Park (including 918 preliminary investigations and 9 reexaminations; preliminary investigations in periodic inspection cases numbered 864 and reexaminations numbered 6); 584 inspections were conducted by Central Taiwan Science Park (including 576 preliminary investigations and 8 reexaminations; preliminary investigations in periodic inspection cases numbered 488 and reexaminations numbered 5) and 819 inspections were conducted by Southern Taiwan Science Park (including 814 preliminary investigations and 5 reexaminations; preliminary investigations in periodic inspection cases numbered 766 and reexaminations numbered 2).

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 operation inspection items include: Class A hazardous material manufacturing permit, setting of hazard prevention equipment, structure and performance of hazard prevention equipment, management of hazard prevention equipment, management of hazard prevention actions, work rules, education training, cleaning equipment and sanitation, announcement, notice, label, determination, special health examination, protective equipment, fire escape equipment, handling of storage and empty containers.

2,192 organic solvent operation inspection were conducted (including 1,920 preliminary investigations and 272 reexaminations); 1,659 specific chemical substances inspection were conducted (including 1,445 preliminary investigations and 214 reexaminations); 76 lead operations inspection were conducted (including 67 preliminary investigations and 9 reexaminations); 722 powder and dust operation inspection were conducted (including 618 preliminary investigations and 104 reexaminations); 5,091 oxygen deficiency and confined space operation inspection were conducted (including 4,181 preliminary investigations and 910 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 320 applications for hazardous workplace review and inspection were received, of which 303 were approved and 6 were not approved; 11 are still in review (applications that had been accepted but not yet approved as of December 31, 2020).

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 6 inspections, including 5 preliminary investigations and 1 reexaminations.
- (2) Sanitation inspection:
Mining sanitation inspection were conducted 98 inspections, including 78 preliminary investigations and 20 reexaminations.
- (3) Safety inspection: (Bureau of Mines, MOEA)
Mining safety inspections were conducted 892 inspections, other mining and quarrying

sectors inspections were conducted 837 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 55 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, stabbing, 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 2020, a total of 21,471 enterprises reported occupational accidents, the monthly average number of hired workers was 4,748,163 persons, and a total of 1,094,369,511 days of work and a total of 8,834,802,599 man-hours of work was performed by these enterprises; 12,616 disabling injuries occurred, which included 73 deaths, 7 permanent full disabilities, 248 permanent partial disabilities, and 12,288 temporary disabilities, and a total of 812,716 lost days of work occurred.

1. General overview

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

In 2020, the average frequency of disabling injuries due to occupational accidents in all industries was 1.41. Among all industries, The frequency of disabling injuries in the art, entertainment and leisure service industry was 5.63, which was highest. The number of reporting enterprises was 289, which accounted for 1.35% of all reporting enterprises only. The number of hiring workers was 26,049, the number of total working days was 5,597,155, the number of total man-hours worked was 43,511,286, the frequency of disabling injuries was 245, the total number of working days lost was 7,954. Among the industries, the accommodation and catering was 4.09; the water supply and pollution control industry was 3.34; the agriculture, forest, fishing and animal husbandry was 2.95; public administration and defense; compulsory social security was 2.83; the real estate industry was 2.31; transportation and storage sectors was 1.89; construction sectors was 1.60; wholesale and retail trade sectors was 1.55; manufacturing sectors was 1.42; support service activities was 1.31; human health and social work activities was 1.07; other service activities was 0.97; mining and quarrying sectors was 0.94, scientific and technical activities was 0.58; financial and insurance activities was 0.54; information and communication was 0.47; electricity and gas supply sectors was 0.35 and education was 0.22.

Among manufacturing industries, the manufacture of electronic components was highest with 7.58.

The number of reporting enterprises in this industry was 1,386 which accounted for 6.46% of all reporting enterprises. The number of hiring workers was 552,855; the number of work days was 134,281,674; the number of total man-hours worked was 1,125,258,279; the number of disabling injury severity was 956; the number of working days lost was 42,000. The following were manufacture of metal products (5.79), manufacture of food products (4.33), manufacture of mechanical equipment (2.90), manufacture of computers, electronic products and optical products (2.52), manufacture of plastics products (1.84), manufacture of basic metals (1.84), manufacture of electrical

equipment (1.66), manufacture of other non-metallic mineral products (1.47), manufacture of other means of transportation and their parts (1.42) , other manufacturing sectors (1.26), manufacture of textiles (1.25), manufacture of rubber products (1.15), manufacture of chemical raw materials, fertilizers, nitrogen compounds, plastic rubber raw materials and artificial fibers (1.09), manufacture of automobile and their parts (1.05).

The following formula was used in calculations:

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

- (2) Severity of disabling injuries due to occupational accidents in each industry
 In 2020, the average disabling injury severity level in all industries was 91, and the manufacture of furniture sectors had the highest severity (595). The following were manufacture of wearing apparel and clothing accessories sectors (546), water supply & remediation activities sectors (506), manufacture of basic metals sectors (481), manufacture of paper and paper products sectors (434), construction sectors (364), manufacture of textiles sectors (320), manufacture of medical goods and medicinal chemical products (281), manufacture of beverages sectors (236) ,manufacture of chemical material, fertilizers and nitrogen; manufacture of plastic and synthetic rubber materials (222).

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

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, stabbing, 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, stabbing, cutting, abrasion and etc.
 - (3) Manufacturing: The following explanation concerns industries with relatively high frequencies of disabling injuries

Industry	Chief Accident Type
Manufacture of	Pinching and rolling up, cutting, abrasion, other(s),

Rubber Products Sectors	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, stabbing, 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, stabbing, 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.
Manufacture of metal products	Pinching and rolling up, stabbing, cutting, abrasion, mater dropping, falling down, crashed, hot or low temperature and etc.

- (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, stabbing, cutting, abrasion, breaking and etc.
- (5) Water supply & remediation activities sectors: The chief accident type include mater dropping, stabbing, 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, stabbing, 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, stabbing, 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 22.11% of all accidents. The following were stabbing, cutting and abrasion for 14.12% ; pinching and rolling up for 12.03%; other(s) for 7.50%; crashed for 6.83%; highway traffic accident for 6.26%; improper act for 5.39%; and hot or low temperature for 5.22%.

3. Analysis of sources of injuries by industry

Among all industries, “other sources of injuries” constituted the most important sources of injuries (15.27%), and was followed by means of transport of handling machinery (14.76%), environment (11.03%), construction and construction equipment (7.23%), material (6.79%), general dynamical machine (7.76%), unclassifiable injury (6.02%), no sources of injuries (5.08%), utensils (4.66%), power handling machinery (3.92%), manpower and machine tools (3.30%) and power transmission apparatus (3.13%)

- (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.
Food and Feeds Manufacturing	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	General dynamical machine, material, manpower

Machinery and Equipment	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 2020, a comparison of accident types in manufacturing throughout the year revealed that pinching and rolling up was the leading sources of accidents (21.97%). The following were mater dropping (18.22%), stabbing, cutting and abrasion (16.22%), crashed (6.26%), others (6.08%), improper act (5.34%) (see Table 8-5) 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.
stabbing, 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. Relationship between accident type and injured body part (manufacturing sectors)

In 2020, the body part injured with the highest frequency in manufacturing was the finger (22.80%), followed by the hand (16.92%), foot (12.31%), leg(6.54%), head (6.35%), others (5.36%), knee(4.39%). (see Table 8-7) 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
stabbing, cutting and abrasion for	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.
Food and Feeds Manufacturing	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 2020 as an example, during that year a total of 313 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 246 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 109年
Year 2020

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 (件次) 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 NTS)
總計 Total	33,092	6,341	19.16	6,339	2	32,289.9
臺北市政府 Taipei City Government	8,710	1,577	18.11	1,577	-	8,891.0
新北市政府 New Taipei City Government	3,151	1,242	39.42	1,242	-	7,027.9
桃園市政府 Taoyuan City Government	2,895	671	23.18	671	-	4,590.0
臺中市政府 Taichung City Government	2,168	617	28.46	617	-	2,220.0
臺南市政府 Tainan City Government	2,619	477	18.21	477	-	2,301.0
高雄市政府 Kaohsiung City Government	2,229	792	35.53	792	-	2,497.0
宜蘭縣政府 Yilan County Government	537	50	9.31	50	-	371.0
新竹縣政府 Hsinchu County Government	999	62	6.21	62	-	317.0
苗栗縣政府 Miaoli County Government	703	38	5.41	38	-	141.0
彰化縣政府 Changhua County Government	1,508	221	14.66	221	-	1,076.5
南投縣政府 Nantou County Government	281	47	16.73	47	-	113.0
雲林縣政府 Yunlin County Government	526	30	5.70	30	-	160.3
嘉義縣政府 Chiayi County Government	379	22	5.80	22	-	120.0
屏東縣政府 Pingtung County Government	884	124	14.03	124	-	529.0
臺東縣政府 Taitung County Government	135	56	41.48	56	-	238.2
花蓮縣政府 Hualien County Government	574	61	10.63	61	-	204.0
澎湖縣政府 Penghu County Government	238	6	2.52	6	-	36.0
基隆市政府 Keelung City Government	482	56	11.62	56	-	430.0
新竹市政府 Hsinchu City Government	566	30	5.30	30	-	159.0
嘉義市政府 Chiayi City Government	714	17	2.38	17	-	235.0
金門縣政府 Kinmen County Government	63	7	11.11	7	-	26.0
連江縣政府 Lienchiang County Government	150	1	0.67	1	-	4.0
Export Processing Zone Administration, MOEA	261	41	15.71	41	-	146.0
科技部新竹科學園區管理局 Hsinchu Science Park Bureau, MOST	153	58	37.91	58	-	311.0
科技部中部科學園區管理局 Central Taiwan Science Park Bureau, MOST	75	24	32.00	24	-	93.0
職安署北區職業安全衛生中心 Northern Center of OSHA	679	-	-	-	-	-
職安署中區職業安全衛生中心 Central Center of OSHA	593	-	-	-	-	-
職安署南區職業安全衛生中心 Southern Center of OSHA	761	2	-	-	2	-

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538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25,777場次。

Explanation: 1. Penalty 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 538 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 25,777 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109年
Year 2020

單位：場次
Unit: inspection

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	33,092	8,710	3,151	2,895	2,168	2,619	2,229	537	999	703	1,508	281	526	379	884
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	104	8	10	-	8	12	30	7	2	1	3	-	2	2	9
礦業及土石採取業 Mining and Quarrying Sectors	6	-	-	1	-	-	2	-	-	1	-	1	-	-	-
製 造 業 Manufacturing Sectors	5,825	568	669	599	418	650	311	94	184	65	977	38	179	126	177
食品製造業 Manufacture of Food Products Sectors	625	99	74	86	43	63	40	27	8	5	14	9	27	24	61
飲料製造業 Manufacture of Beverages Sectors	37	1	-	5	3	2	2	4	-	-	1	-	-	2	6
菸草製造業 Manufacture of Tobacco Products Sectors	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-
紡 織 業 Manufacture of Textiles Sectors	204	25	21	27	13	33	7	11	3	3	17	1	17	5	2
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	75	37	11	4	2	8	5	-	-	-	2	-	1	2	-
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	32	1	2	2	10	4	2	2	-	-	6	2	-	-	-
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	46	-	5	6	5	-	10	3	-	-	2	1	-	4	8
紙業、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	125	13	24	16	12	5	12	3	2	3	9	2	1	5	2
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	89	18	27	3	13	2	5	-	1	-	5	1	1	4	1
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	13	-	-	1	-	-	5	-	1	-	1	1	3	-	-
化學材料製造業 Manufacture of Chemical Material Sectors	174	25	5	20	8	9	18	1	5	-	3	-	49	8	8
化學製品製造業 Manufacture of Chemical Products Sectors	195	35	23	28	10	21	10	-	2	-	4	1	22	4	13
藥品製造業 Medicines Manufacturing Sectors	66	16	3	3	3	5	2	-	3	-	1	1	-	-	7
橡膠製品製造業 Manufacture of Rubber Products Sectors	104	3	6	12	4	2	5	7	3	2	46	1	7	1	3
塑膠製品製造業 Manufacture of Plastics Products Sectors	584	17	39	54	28	87	16	2	8	7	271	4	7	12	8
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	168	17	24	13	8	14	11	6	3	10	10	-	3	3	4
基本金屬製造業 Manufacture of Basic Metals Sectors	154	14	21	14	12	26	21	5	9	-	10	1	3	2	9
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	957	33	80	44	81	108	58	3	9	6	415	5	19	17	25
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	771	59	133	143	29	52	23	4	57	10	5	1	4	1	1
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	242	36	53	24	14	14	2	1	8	3	1	1	2	4	2
電力設備製造業 Manufacture of Electrical Equipment Sectors	173	34	22	11	15	30	13	3	16	1	4	-	1	2	-
機械設備製造業 Manufacture of Machinery and Equipment Sectors	393	35	51	42	66	52	17	5	17	8	19	3	2	6	2
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	139	17	11	20	5	38	2	-	13	3	8	-	-	5	5
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	208	2	4	10	10	23	14	1	10	1	115	2	-	1	5
家具製造業 Manufacture of Furniture Sectors	45	2	5	2	8	9	1	-	4	-	3	-	-	6	2
其他製造業 Other Manufacturing Sectors	170	19	22	8	15	38	6	4	2	2	5	1	8	7	3
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	34	10	3	1	1	3	4	2	-	1	-	-	2	1	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	78	9	9	5	-	7	7	1	2	1	-	-	2	2	4
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	133	34	20	14	16	3	13	-	4	2	3	1	3	4	6
營 造 業 Construction Sector	1,190	396	169	93	99	82	83	13	36	8	20	3	15	7	23
批發及零售業 Wholesale and Retail Trade Sectors	5,924	2,240	789	420	425	297	302	81	96	31	262	33	66	42	72
運輸及倉儲業 Transportation and Storage Sector	3,044	474	174	267	146	303	525	33	34	22	30	25	40	60	59
住宿及餐飲業 Accommodation and Food Service Activities	4,322	981	356	739	233	313	223	98	173	57	35	33	43	11	90
資訊及通訊傳播業 Information and Communication Sectors	797	608	49	15	32	17	21	3	9	-	1	-	2	1	3
金融及保險業 Financial and Insurance Activities	719	283	43	35	47	42	40	9	5	14	20	3	10	-	14
不動產業 Real Estate Activities	379	161	54	26	55	27	11	3	11	2	3	1	1	1	3
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1,107	727	87	35	76	50	42	1	12	3	2	4	2	5	2
支援服務業 Support Service Activities	2,217	871	247	192	211	101	98	33	71	19	21	15	11	12	29
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	60	3	5	5	3	5	9	-	3	-	1	2	-	-	10
教育服務業 Education Sectors	1,104	180	84	68	31	76	44	5	67	30	13	6	15	9	85
醫療保健及社會工作服務業 Human Health and Social Work Activities	4,021	795	188	259	244	540	396	139	94	78	80	104	121	91	183
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	1,097	148	67	63	33	20	16	4	114	350	26	6	5	1	72
其他服務業 Other Service Activities	965	224	131	59	91	74	56	13	82	19	11	6	9	5	43

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

中華民國109年
Year 2020

單位：場次
Unit: inspection

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 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	135	574	238	482	566	714	63	150	261	153	75	59	679	593	761
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	-	3	-	2	-	2	-	-	-	-	-	-	-	1	2
礦業及土石採取業 Mining and Quarrying Sectors	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製造業 Manufacturing Sectors	4	29	2	54	76	33	9	-	216	105	60	38	73	41	30
食品製造業 Manufacture of Food Products Sectors	-	9	1	7	3	9	2	-	5	2	-	-	5	-	2
飲料製造業 Manufacture of Beverages Sectors	-	2	-	-	6	-	1	-	-	-	-	-	2	-	-
菸草製造業 Manufacture of Tobacco Products Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
紡織業 Manufacture of Textiles Sectors	-	-	-	3	5	-	-	-	2	-	-	-	2	3	4
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
紙業、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	-	4	-	-	3	1	-	-	1	-	-	-	4	1	2
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	-	-	-	2	-	-	-	-	6	-	-	-	-	-	-
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
化學材料製造業 Manufacture of Chemical Material Sectors	-	-	-	-	-	2	-	-	2	1	-	-	3	6	1
化學製品製造業 Manufacture of Chemical Products Sectors	-	-	-	-	6	-	-	-	2	1	-	2	9	-	2
藥品製造業 Medicines Manufacturing Sectors	-	-	-	2	-	-	-	-	1	5	2	6	3	2	1
橡膠製品製造業 Manufacture of Rubber Products Sectors	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-
塑膠製品製造業 Manufacture of Plastics Products Sectors	-	-	-	2	-	2	-	-	15	-	-	-	3	-	2
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	2	6	-	3	9	-	3	-	7	-	3	-	7	2	-
基本金屬製造業 Manufacture of Basic Metals Sectors	1	-	-	-	-	3	1	-	-	-	-	-	2	-	-
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	-	-	-	-	9	5	1	-	21	1	6	1	4	3	3
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	-	2	-	13	9	3	-	-	77	60	26	18	14	17	10
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	-	-	-	10	6	2	-	-	31	13	3	3	8	1	-
電力設備製造業 Manufacture of Electrical Equipment Sectors	1	-	-	1	3	2	-	-	9	1	1	-	3	-	-
機械設備製造業 Manufacture of Machinery and Equipment Sectors	-	-	-	2	12	1	1	-	24	8	13	3	1	1	2
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	-	-	-	-	5	-	-	-	2	-	3	-	2	-	-
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	-	-	1	4	-	-	-	-	3	-	-	1	-	1	-
家具製造業 Manufacture of Furniture Sectors	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-
其他製造業 Other Manufacturing Sectors	-	-	-	4	-	1	-	-	3	13	3	3	-	2	1
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	-	5	-	-	-	-	-	-	-	-	-	1	-	-	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	3	-	1	2	-	2	-	-	-	-	-	-	5	7	9
供水供應及污染整治業 Water Supply & Remediation Activities Sectors	1	-	-	-	-	2	-	-	-	-	-	-	1	3	3
營造業 Construction Sector	19	7	-	16	-	9	1	7	3	2	3	11	33	13	19
批發及零售業 Wholesale and Retail Trade Sectors	18	48	5	55	51	73	8	46	20	6	2	1	107	78	250
運輸及倉儲業 Transportation and Storage Sector	5	83	2	91	38	121	16	9	4	2	-	1	214	153	113
住宿及餐飲業 Accommodation and Food Service Activities	45	55	41	70	78	105	4	61	3	7	2	1	80	199	186
資訊及通訊傳播業 Information and Communication Sectors	1	6	4	5	6	-	1	-	1	1	-	-	9	2	-
金融及保險業 Financial and Insurance Activities	8	8	3	31	45	14	2	-	-	-	-	-	13	12	18
不動產業 Real Estate Activities	-	4	-	6	-	-	-	-	-	-	-	-	2	3	5
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1	1	2	5	9	8	-	-	4	8	1	3	10	1	6
支援服務業 Support Service Activities	11	4	2	13	20	35	6	5	10	19	7	4	77	27	46
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	1	-	1	4	4	-	-	-	-	-	-	-	4	-	-
教育服務業 Education Sectors	1	15	42	18	87	152	-	12	-	-	-	-	13	22	29
醫療保健及社會工作服務業 Human Health and Social Work Activities	6	261	15	90	116	121	15	-	-	-	-	-	29	25	31
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	3	32	105	7	-	15	1	1	-	1	-	-	6	-	1
其他服務業 Other Service Activities	7	18	13	13	36	22	-	9	-	2	-	-	3	6	13

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

中華民國109年
Year 2020

單位：場次
Unit: inspection

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	臺南市職業安全衛生局 Occupational Safety and Health Bureau of Tainan City	高雄市政府勞工局 Kaohsiung City Government Labor Affairs Bureau	經濟部加工出口區管理處 Expert 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	146,827	23,812	9,911	9,192	9,127	4,833	19,961	1,702	1,076	567	696	17,533	20,386	28,031
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	587	9	29	24	11	3	50	2	2	-	-	104	190	163
礦業及土石採取業 Mining and Quarrying Sectors	98	1	3	1	-	-	18	-	-	-	-	5	64	6
製 造 業 Manufacturing Sectors	49,929	1,361	4,024	3,875	4,109	3,429	6,922	1,212	750	424	517	5,545	8,206	9,555
食品製造業 Manufacture of Food Products Sectors	3,639	129	317	214	137	185	438	15	3	-	8	710	428	1,055
飲料製造業 Manufacture of Beverages Sectors	403	24	9	10	19	6	22	16	-	-	-	74	72	151
菸草製造業 Manufacture of Tobacco Products Sectors	12	-	1	-	4	3	-	-	-	-	-	-	-	4
紡 織 業 Manufacture of Textiles Sectors	1,538	40	94	274	50	120	34	14	-	-	-	96	504	312
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	228	19	60	45	1	15	11	1	-	-	-	8	37	31
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	235	-	13	11	17	19	23	-	-	-	-	5	85	62
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	216	-	12	9	22	1	56	3	-	-	-	10	29	74
紙業、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	884	20	41	69	74	47	103	3	-	-	-	107	281	139
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	576	19	180	17	104	100	54	14	-	-	-	6	31	51
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	377	8	5	3	33	9	77	-	-	-	-	78	134	30
化學材料製造業 Manufacture of Chemical Material Sectors	3,437	35	23	105	192	93	1,031	61	18	21	19	276	1,144	419
化學製品製造業 Manufacture of Chemical Products Sectors	3,288	44	146	271	259	202	587	80	57	17	22	466	649	488
藥品製造業 Medicines Manufacturing Sectors	922	39	28	56	116	136	46	12	35	8	70	195	57	124
橡膠製品製造業 Manufacture of Rubber Products Sectors	902	-	70	72	65	28	88	7	-	-	-	111	367	94
塑膠製品製造業 Manufacture of Plastics Products Sectors	3,355	34	428	228	264	337	218	98	3	-	4	225	498	1,018
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	1,474	50	83	67	91	49	157	10	1	30	16	357	309	254
基本金屬製造業 Manufacture of Basic Metals Sectors	2,740	41	136	210	243	203	595	7	-	-	11	222	400	672
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	9,709	364	1,052	679	961	763	1,631	75	7	43	18	558	1,465	2,093
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	4,337	53	401	645	86	229	152	497	493	161	242	950	255	173
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	1,030	99	195	109	41	22	34	90	54	13	25	155	122	71
電力設備製造業 Manufacture of Electrical Equipment Sectors	1,346	153	159	104	57	131	121	66	5	2	17	141	176	214
機械設備製造業 Manufacture of Machinery and Equipment Sectors	5,169	101	392	415	890	327	768	72	34	92	46	518	522	992
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	1,053	4	45	114	75	187	65	11	-	6	1	69	165	311
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	1,142	6	22	65	180	62	362	3	-	-	-	80	157	205
家具製造業 Manufacture of Furniture Sectors	415	11	30	12	36	11	72	4	-	-	-	16	80	143
其他製造業 Other Manufacturing Sectors	1,154	7	82	68	67	139	85	53	40	26	17	66	186	318
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	348	61	-	3	25	5	92	-	-	5	1	46	53	57
電力及燃氣供應業 Electricity and Gas Supply Sectors	2,034	324	5	29	157	14	262	7	-	1	1	347	513	374
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	1,535	108	82	57	86	45	193	25	3	12	8	245	416	255
營 造 業 Construction Sector	58,715	13,840	3,763	3,075	2,766	943	7,814	315	175	111	149	7,272	8,432	10,060
批發及零售業 Wholesale and Retail Trade Sectors	11,522	1,441	907	1,014	546	158	1,480	52	16	4	3	1,684	727	3,490
運輸及倉儲業 Transportation and Storage Sector	3,267	425	112	302	377	36	928	18	1	-	6	449	226	387
住宿及餐飲業 Accommodation and Food Service Activities	3,303	966	258	155	345	11	242	-	2	-	-	384	180	760
資訊及通訊傳播業 Information and Communication Sectors	997	406	136	32	41	-	127	7	10	-	-	100	61	77
金融及保險業 Financial and Insurance Activities	352	179	17	8	30	-	38	-	-	-	-	23	11	46
不動產業 Real Estate Activities	625	179	17	19	24	-	172	-	-	-	-	51	41	122
專業、科學及技術服務業 Professional, Scientific and Technical Activities	3,382	1,396	169	132	65	47	269	37	80	10	6	357	226	588
支援服務業 Support Service Activities	4,222	1,246	150	279	196	124	677	25	18	4	5	490	238	770
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	767	75	48	38	10	10	100	1	-	-	1	55	280	149
教育服務業 Education Sectors	1,515	338	40	55	64	3	138	-	1	-	-	58	285	533
醫療保健及社會工作服務業 Human Health and Social Work Activities	1,490	392	42	32	134	-	178	-	-	-	-	188	109	415
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	520	282	33	18	39	-	51	-	-	-	-	26	15	56
其他服務業 Other Service Activities	1,967	844	76	47	127	10	302	1	18	1	-	150	166	225

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 109 年
Year 2020

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	33,092	30,961	93.56	2,131	6.44	6.88
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	104	104	100.00	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	6	5	83.33	1	16.67	20.00
製 造 業 Manufacturing Sectors	5,825	5,595	96.05	230	3.95	4.11
食品製造業 Manufacture of Food Products Sectors	625	593	94.88	32	5.12	5.40
飲料製造業 Manufacture of Beverages Sectors	37	34	91.89	3	8.11	8.82
菸草製造業 Manufacture of Tobacco Products Sectors	2	2	100.00	-	-	-
紡 織 業 Manufacture of Textiles Sectors	204	188	92.16	16	7.84	8.51
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	75	69	92.00	6	8.00	8.70
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	32	32	100.00	-	-	-
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	46	46	100.00	-	-	-
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	125	123	98.40	2	1.60	1.63
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	89	86	96.63	3	3.37	3.49
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	13	13	100.00	-	-	-
化學材料製造業 Manufacture of Chemical Material Sectors	174	158	90.80	16	9.20	10.13
化學製品製造業 Manufacture of Chemical Products Sectors	195	184	94.36	11	5.64	5.98
藥品製造業 Medicines Manufacturing Sectors	66	64	96.97	2	3.03	3.13
橡膠製品製造業 Manufacture of Rubber Products Sectors	104	100	96.15	4	3.85	4.00
塑膠製品製造業 Manufacture of Plastics Products Sectors	584	568	97.26	16	2.74	2.82
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	168	160	95.24	8	4.76	5.00
基本金屬製造業 Manufacture of Basic Metals Sectors	154	153	99.35	1	0.65	0.65
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	957	935	97.70	22	2.30	2.35
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	771	733	95.07	38	4.93	5.18
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	242	225	92.98	17	7.02	7.56
電力設備製造業 Manufacture of Electrical Equipment Sectors	173	166	95.95	7	4.05	4.22
機械設備製造業 Manufacture of Machinery and Equipment Sectors	393	381	96.95	12	3.05	3.15
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	139	134	96.40	5	3.60	3.73
其他運輸工具製造業 Other Manufacture of Transport Equipment Sectors	208	205	98.56	3	1.44	1.46
家具製造業 Manufacture of Furniture Sectors	45	45	100.00	-	-	-
其他製造業 Other Manufacturing Sectors	170	165	97.06	5	2.94	3.03
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	34	33	97.06	1	2.94	3.03
電力及燃氣供應業 Electricity and Gas Supply Sectors	78	75	96.15	3	3.85	4.00
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	133	130	97.74	3	2.26	2.31
營 造 業 Construction Sector	1,190	1,173	98.57	17	1.43	1.45
批發及零售業 Wholesale and Retail Trade Sectors	5,924	5,765	97.32	159	2.68	2.76
運輸及倉儲業 Transportation and Storage Sector	3,044	2,436	80.03	608	19.97	24.96
住宿及餐飲業 Accommodation and Food Service Activities	4,322	4,153	96.09	169	3.91	4.07
資訊及通訊傳播業 Information and Communication Sectors	797	767	96.24	30	3.76	3.91
金融及保險業 Financial and Insurance Activities	719	659	91.66	60	8.34	9.10
不動產業 Real Estate Activities	379	370	97.63	9	2.37	2.43
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1,107	1,078	97.38	29	2.62	2.69
支援服務業 Support Service Activities	2,217	2,113	95.31	104	4.69	4.92
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	60	57	95.00	3	5.00	5.26
教育服務業 Education Sectors	1,104	1,066	96.56	38	3.44	3.56
醫療保健及社會工作服務業 Human Health and Social Work Activities	4,021	3,736	92.91	285	7.09	7.63
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	1,097	768	70.01	329	29.99	42.84
其他服務業 Other Service Activities	965	911	94.40	54	5.60	5.93

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

中華民國109年
Year 2020

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	146,828	120,068	81.77	26,760	18.23	22.29
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	587	496	84.50	91	15.50	18.35
礦業及土石採取業 Mining and Quarrying Sectors	98	78	79.59	20	20.41	25.64
製造業 Manufacturing Sectors	49,930	43,880	87.88	6,050	12.12	13.79
食品及飼料製造業 Food and Feeds Manufacturing	3,639	3,359	92.31	280	7.69	8.34
飲料製造業 Manufacture of Beverages Sectors	403	334	82.88	69	17.12	20.66
菸草製造業 Manufacture of Tobacco Products Sectors	12	12	100.00	-	-	-
紡織業 Manufacture of Textiles Sectors	1,538	1,377	89.53	161	10.47	11.69
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	228	214	93.86	14	6.14	6.54
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	235	224	95.32	11	4.68	4.91
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	216	203	93.98	13	6.02	6.40
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	884	776	87.78	108	12.22	13.92
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	576	527	91.49	49	8.51	9.30
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	377	259	68.70	118	31.30	45.56
化學原材料、肥料、氮化合物、塑膠 膠原料及人造纖維製造業 Manufacture of Chemical Material, Fertilizers and Nitrogen; Manufacture of Plastic and Synthetic Rubber Materials	3,437	2,529	73.58	908	26.42	35.90
其他化學製品製造業 Other Chemical Products Manufacturing	3,288	2,781	84.58	507	15.42	18.23
藥品及醫用化學製品製造業 Manufacture of Medical Goods and Medicinal Chemical Products	922	808	87.64	114	12.36	14.11
橡膠製品製造業 Manufacture of Rubber Products Sectors	902	821	91.02	81	8.98	9.87
塑膠製品製造業 Manufacture of Plastics Products Sectors	3,356	3,034	90.41	322	9.59	10.61
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	1,474	1,328	90.09	146	9.91	10.99
基本金屬製造業 Manufacture of Basic Metals Sectors	2,740	2,266	82.70	474	17.30	20.92
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	9,709	8,622	88.80	1,087	11.20	12.61
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	4,337	3,877	89.39	460	10.61	11.86
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	1,030	975	94.66	55	5.34	5.64
電力設備製造業 Manufacture of Electrical Equipment Sectors	1,346	1,212	90.04	134	9.96	11.06
機械設備製造業 Manufacture of Machinery and Equipment Sectors	5,169	4,633	89.63	536	10.37	11.57
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	1,053	983	93.35	70	6.65	7.12
其他運輸工具及其零件製造業 Other Transport Equipment and Parts Manufacturing	1,142	965	84.50	177	15.50	18.34
家具製造業 Manufacture of Furniture Sectors	415	391	94.22	24	5.78	6.14
其他製造業 Other Manufacturing Sectors	1,154	1,079	93.50	75	6.50	6.95
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	348	291	83.62	57	16.38	19.59
電力及燃氣供應業 Electricity and Gas Supply Sectors	2,034	1,432	70.40	602	29.60	42.04
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	1,535	1,316	85.73	219	14.27	16.64
營建工程業 Construction engineering	58,715	43,384	73.89	15,331	26.11	35.34
批發及零售業 Wholesale and Retail Trade Sectors	11,522	10,755	93.34	767	6.66	7.13
運輸及倉儲業 Transportation and Storage Sector	3,267	2,773	84.88	494	15.12	17.81
住宿及餐飲業 Accommodation and Food Service Activities	3,303	3,032	91.80	271	8.20	8.94
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	997	803	80.54	194	19.46	24.16
金融及保險業 Financial and Insurance Activities	352	334	94.89	18	5.11	5.39
不動產業 Real Estate Activities	625	535	85.60	90	14.40	16.82
專業、科學及技術服務業 Professional, Scientific and Technical Activities	3,382	2,681	79.27	701	20.73	26.15
支援服務業 Support Service Activities	4,222	3,148	74.56	1,074	25.44	34.12
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	767	643	83.83	124	16.17	19.28
教育業 Education	1,515	1,384	91.35	131	8.65	9.47
醫療保健及社會工作服務業 Human Health and Social Work Activities	1,490	1,342	90.07	148	9.93	11.03
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	520	446	85.77	74	14.23	16.59
其他服務業 Other Service Activities	1,967	1,606	81.65	361	18.35	22.48

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 u

中華民國
From 20

年 別 Years	重大職業 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	312	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
民國109年 2020	310	人 數 Number	149	32	14	35	29	6		48	313
		百分比 Percentage	40.8	8.8	3.8	9.6	7.9	1.6		13.2	85.8

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，台南市係台南市職安健康處，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，109年全國重大職業災害發生件數為310件，傷亡人數計365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:

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

96年至109年
007 to 2020

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
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
9	-	-	1	-	-	1	11
2.5	0.0	0.0	0.3	0.0	0.0	0.3	3.0

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96年至109年
From 2007 to 2020

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
民國109年 2020	人 數 Number	11	-	5	4	3	-	18	41	365
	百分比 Percentage	3.0	0.0	1.4	1.1	0.8	0.0	4.9	11.2	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
100 年						
2001	6,907	281	0.0406	729	127	0.1742
101 年						
2002	6,910	329	0.0476	704	151	0.2145
102 年						
2003	7,077	313	0.0442	683	171	0.2504
103 年						
2004	9,920	346	0.0349	685	168	0.2453
104 年						
2005	10,747	342	0.0318	840	156	0.1857
105 年						
2006	11,267	321	0.0285	899	147	0.1635
106 年						
2007	11,352	314	0.0277	901	142	0.1576
107 年						
2008	10,988	285	0.0259	844	124	0.1469
108 年						
2009	11,052	316	0.0286	847	168	0.1983
109 年						
2010	11,080	313	0.0282	860	145	0.1686

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
100 年						
2001	2,988	100	0.0334	3,190	54	0.0169
101 年						
2002	2,990	110	0.0368	3,216	68	0.0211
102 年						
2003	3,108	87	0.0280	3,286	55	0.0167
103 年						
2004	3,169	90	0.0284	6,066	88	0.0145
104 年						
2005	2,919	91	0.0312	6,988	95	0.0136
105 年						
2006	3,028	96	0.0317	7,340	78	0.0106
106 年						
2007	3,045	88	0.0289	7,406	84	0.0113
107 年						
2008	2,961	79	0.0267	7,183	82	0.0114
108 年						
2009	2,969	75	0.0253	7,236	73	0.0101
109 年						
2010	2,938	87	0.0296	7,282	81	0.0111

附 註：

- 1.僱工人數資料來源：行政院主計總處「109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:
"2020 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 政府勞 動檢查 處 New Taipei City Governm ent Labor Inspectio nOffice	臺北市 勞動檢 查處 Taipei City Labor Inspectio nOffice	桃園市 政府勞 動檢查 處 Office of Labor Inspectio n, Taoyuan	臺中市 勞動檢 查處 Taichung City Labor Inspectio nOffice	臺南市 政府勞 工局勞 動檢查 中心 Occupationa l 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	經濟部 加工出 口區管 理處 Export Processin g Zone Administ ration, MOEA	科技部 Ministry of Science and Technology			
		北區 中心 Northern Center of OSHA	中區 中心 Central Center of OSHA	南區 中心 Sothern Center of OSHA	竹科 Hsinchu Science Park	中 科 Central Taiwan Science Park	南 科 Southern Taiwan Science Park								
100 年															
2001	281	107	52	82	-	19	-	-	-	14	2	1	1	3	
101 年															
2002	329	111	86	85	0	15	-	0	-	22	3	4	2	1	
102 年															
2003	313	83	76	67	25	11	-	1	-	47	1	0	0	2	
103 年															
2004	346	101	96	49	27	15	-	6	-	47	2	1	1	1	
104 年															
2005	342	98	84	47	35	26	-	9	-	40	0	0	2	1	
105 年															
2006	321	94	71	41	37	12	-	16	-	40	2	3	2	3	
106 年															
2007	314	73	54	59	36	17	13	14	4	41	0	0	3	0	
107 年															
2008	285	59	62	54	22	17	15	14	1	38	3	0	0	0	
108 年															
2009	316	43	79	44	41	20	32	10	1	39	1	1	2	3	
109 年															
2010	313	49	51	45	32	14	35	29	6	48	2	0	2	0	
1 月															
January	11	2	2	0	0	1	1	2	1	1	0	0	1	0	
2 月															
February	24	4	4	2	1	1	5	2	1	4	0	0	0	0	
3 月															
March	29	6	4	2	5	0	2	3	0	7	0	0	0	0	
4 月															
April	17	2	1	6	1	0	1	2	0	4	0	0	0	0	
5 月															
May	26	7	1	4	2	1	6	0	3	1	1	0	0	0	
6 月															
June	33	6	5	8	5	1	3	1	0	4	0	0	0	0	
7 月															
July	37	6	8	8	2	1	2	2	0	8	0	0	0	0	
8 月															
August	21	2	5	1	2	2	2	4	0	2	1	0	0	0	
9 月															
September	42	3	8	5	7	3	4	5	0	6	0	0	1	0	
10 月															
October	21	4	4	2	0	2	3	2	1	3	0	0	0	0	
11 月															
November	26	3	3	5	2	2	4	4	0	3	0	0	0	0	
12 月															
December	26	4	6	2	5	0	2	2	0	5	0	0	0	0	
109年12月1日至 109年12月31日止 較上年同期增減 Increase/decrease year over year (from December 1, 2020 to December 31, 2020)	人數 Number (%)	1	2	-1	0	-2	-2	0	2	-1	4	0	0	-1	0
		4%	100%	-14%	0%	-29%	-100%	0%	-	-100%	400%	-	-	-100%	-
109年1月1日至 109年12月31日止 與上年同期增減 Increase/decrease year over year (from January 1, 2020 to December 31, 2020)	人數 Number (%)	-3	6	-28	1	-9	-6	3	19	5	9	1	-1	0	-3
		-1%	14%	-35%	2%	-22%	-30%	9%	190%	500%	23%	100%	-100%	0%	-100%

說明：本年係109年；上年係108年。

Explanation:
This year is year 2020; last year was 2019.

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109年
Year 2020

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.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 (DIFR) Disabling Injury Frequency Rate (DIFR)	已結案之 失能傷 害數 (人.次) Number of Closed Disabling Injury Cases (person-times)	百分比 Percentage (%)
全產業 Whole Industry	21,471	100.00	4,748,163	100.00	1,094,369,511	100.00	8,894,802,599	100.00	12,616	100.00	1.41	12,616	100.00
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	62	0.29	7,277	0.15	1,720,062	0.16	13,516,481	0.15	40	0.32	2.95	40	0.32
礦業及土石採取業 Mining and Quarrying Sectors	43	0.20	3,574	0.08	913,278	0.08	7,385,187	0.08	7	0.06	0.94	7	0.06
製造業 Manufacturing Sectors	9,700	45.18	1,787,825	37.65	438,784,888	40.09	3,609,109,802	40.58	5,147	40.80	1.42	5,147	40.80
食品及飼料製造業 Food and Feeds Manufacturing	650	3.03	97,898	2.06	24,624,633	2.25	199,393,934	2.24	546	4.33	2.73	546	4.33
飲料製造業 Manufacture of Beverages Sectors	52	0.24	9,479	0.20	2,185,735	0.20	18,031,252	0.20	25	0.20	1.38	25	0.20
菸草製造業 Manufacture of Tobacco Products Sectors	6	0.03	1,370	0.03	341,030	0.03	2,675,019	0.03	1	0.01	0.37	1	0.01
紡織業 Manufacture of Textiles Sectors	383	1.78	53,843	1.13	13,088,734	1.20	105,876,334	1.19	158	1.25	1.49	158	1.25
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	143	0.67	11,895	0.25	2,893,019	0.26	23,292,627	0.26	31	0.25	1.33	31	0.25
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	83	0.39	11,634	0.25	2,758,944	0.25	22,180,219	0.25	25	0.20	1.12	25	0.20
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	43	0.20	3,055	0.06	752,466	0.07	6,035,584	0.07	25	0.20	4.14	25	0.20
紙業、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	178	0.83	24,474	0.52	6,177,529	0.56	50,200,319	0.56	106	0.84	2.11	106	0.84
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	109	0.51	11,328	0.24	2,803,520	0.26	22,845,304	0.26	31	0.25	1.35	31	0.25
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	14	0.07	5,141	0.11	1,245,474	0.11	10,294,315	0.12	8	0.06	0.77	8	0.06
化學材料、肥料、氮化合物、塑膠原料 及人造纖維製造業 Manufacture of Chemical Material, Fertilizers and Nitrogen; Manufacture of Plastic and Synthetic Rubber Materials	294	1.37	62,444	1.32	15,440,376	1.41	125,953,474	1.42	138	1.09	1.09	138	1.09
其他化學製品製造業 其他化學製品製造業 Manufacture of Other Chemical Products Manufacturing	346	1.61	33,009	0.70	7,885,370	0.72	63,560,915	0.71	91	0.72	1.43	91	0.72
藥品及醫用化學製品製造業 Manufacture of Medical Goods and Medical Chemical Products	182	0.85	23,582	0.50	5,834,900	0.53	47,124,097	0.53	82	0.65	1.74	82	0.65
橡膠製品製造業 Manufacture of Rubber Products Sectors	149	0.69	27,907	0.59	6,864,282	0.63	57,201,183	0.64	145	1.15	2.53	145	1.15
塑膠製品製造業 Manufacture of Plastics Products Sectors	528	2.46	73,431	1.55	18,083,592	1.65	146,997,792	1.65	232	1.84	1.57	232	1.84
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	302	1.41	38,918	0.82	9,753,889	0.89	79,952,137	0.90	186	1.47	2.32	186	1.47
基本金屬製造業 Manufacture of Basic Metals Sectors	299	1.39	55,984	1.18	14,047,101	1.28	115,764,204	1.30	220	1.74	1.90	220	1.74
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	1,468	6.84	157,374	3.31	38,859,842	3.55	320,233,888	3.60	731	5.79	2.28	731	5.79
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	1,386	6.46	552,855	11.64	134,281,674	12.27	1,125,258,279	12.65	956	7.58	0.84	956	7.58
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	684	3.19	183,468	3.86	44,702,973	4.08	365,874,647	4.11	318	2.52	0.86	318	2.52
電力設備製造業 Manufacture of Electrical Equipment Sectors	494	2.30	70,636	1.49	17,412,485	1.59	142,724,533	1.60	209	1.66	1.46	209	1.66
機械設備製造業 Manufacture of Machinery and Equipment Sectors	891	4.15	106,535	2.24	26,289,574	2.40	212,766,591	2.39	366	2.90	1.72	366	2.90
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	284	1.32	51,323	1.08	12,604,461	1.15	102,762,213	1.16	133	1.05	1.29	133	1.05
其他運輸工具及其零件製造業 Other Transport Equipment and Parts Manufacturing	258	1.20	55,164	1.16	13,721,937	1.25	110,772,159	1.25	179	1.42	1.61	179	1.42
家具製造業 Manufacture of Furniture Sectors	88	0.41	9,032	0.19	2,251,674	0.21	18,583,456	0.21	32	0.25	1.72	32	0.25
其他製造業 Other Manufacturing Sectors	341	1.59	49,640	1.05	12,354,025	1.13	100,453,635	1.13	159	1.26	1.58	159	1.26
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	45	0.21	6,406	0.13	1,525,649	0.14	12,301,692	0.14	14	0.11	1.13	14	0.11
電力及燃氣供應業 Electricity and Gas Supply Sectors	126	0.59	39,155	0.82	9,970,067	0.91	115,902,233	1.30	41	0.32	0.35	41	0.32
供水供應及污染整治業 Water Supply&Remediation Activities Sectors	217	1.01	31,629	0.67	7,810,222	0.71	62,990,409	0.71	211	1.67	3.34	211	1.67
營建工程業 Construction engineering	1,095	5.10	105,490	2.22	26,957,415	2.46	216,016,114	2.43	347	2.75	1.60	347	2.75
批發及零售業 Wholesale and Retail Trade Sectors	2,508	11.68	433,495	9.13	106,691,129	9.75	847,191,553	9.52	1,316	10.43	1.55	1,316	10.43
運輸及倉儲業 Transportation and Storage Sector	849	3.95	395,207	8.32	94,000,278	8.59	759,149,106	8.53	1,436	11.38	1.89	1,436	11.38
住宿及餐飲業 Accommodation and Food Service Activities	1,592	7.41	173,377	3.65	41,474,088	3.79	325,198,563	3.66	1,333	10.57	4.09	1,333	10.57
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	521	2.43	170,894	3.60	37,036,876	3.38	294,997,720	3.32	139	1.10	0.47	139	1.10
金融及保險業 Financial and Insurance Activities	936	4.36	301,778	6.36	74,522,636	6.81	591,803,250	6.65	323	2.56	0.54	323	2.56
不動產業 Real Estate Activities	209	0.97	35,756	0.75	9,280,599	0.85	76,369,759	0.86	177	1.40	2.31	177	1.40
專業、科學及技術服務業 Professional, Scientific and Technical Activities	577	2.69	386,048	8.13	32,878,254	3.00	260,922,139	2.93	153	1.21	0.58	153	1.21
支援服務業 Support Service Activities	757	3.53	167,023	3.52	44,457,445	4.06	387,076,537	4.35	509	4.03	1.31	509	4.03
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	197	0.92	56,906	1.20	14,226,050	1.30	114,404,996	1.29	324	2.57	2.83	324	2.57
教育業 Education	737	3.43	263,731	5.55	58,503,893	5.35	452,354,472	5.09	101	0.80	0.22	101	0.80
醫療保健及社會工作服務業 Human Health and Social Work Activities	723	3.37	325,824	6.86	80,701,808	7.37	647,348,602	7.28	699	5.54	1.07	699	5.54
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	289	1.35	26,049	0.55	5,597,155	0.51	43,511,286	0.49	245	1.94	5.63	245	1.94
其他服務業 Other Service Activities	333	1.55	37,125	0.78	8,843,368	0.81	69,554,390	0.78	68	0.54	0.97	68	0.54

說明：1.陳報事業單位百分比=陳報事業單位數/全產業陳報總數×100。
2.僱用勞工人數百分比=僱用勞工人數/僱用勞工人總數×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=總經歷工時/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。

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.總合傷害指數=SQRT(失能傷害頻率×失能傷害嚴重率×1000)。

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. 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 109 年
Year 2020

行 業 別 Industry Type	已 結 案 之 失 能 傷 害 次 數 (人天) Number of Closed Disabling Injury Cases (person-times)								總 損 失 工作日數 (E) 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 Frequency-Severity Indicator (FSI)
	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 (人天) Number of Temporary Total Disability	百分比 Percentage (%)				
全 產 業 Whole Industry	73	100.00	7	100.00	248	100.00	12,288	100.00	812,716	100.00	91	0.36
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	-	-	-	-	-	-	40	0.33	715	0.09	52	0.39
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	7	0.06	128	0.02	17	0.13
製 造 業 Manufacturing Sectors	35	47.95	6	85.71	173	69.76	4,933	40.14	409,497	50.39	113	0.40
食品及飼品製造業 Food and Feeds Manufacturing	-	-	1	14.29	17	6.85	528	4.30	15,328	1.89	76	0.46
飲料製造業 Manufacture of Beverages Sectors	-	-	-	-	1	0.40	24	0.20	4,267	0.53	236	0.57
菸草製造業 Manufacture of Tobacco Products Sectors	-	-	-	-	-	-	1	0.01	14	-	5	0.04
紡 織 業 Manufacture of Textiles Sectors	5	6.85	-	-	10	4.03	143	1.16	33,921	4.17	320	0.69
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	2	2.74	-	-	-	-	29	0.24	12,730	1.57	546	0.85
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	-	-	-	-	-	-	25	0.20	643	0.08	28	0.18
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	-	-	-	-	2	0.81	23	0.19	623	0.08	103	0.65
紙業、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	2	2.74	1	14.29	3	1.21	100	0.81	21,797	2.68	434	0.96
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	-	-	-	-	-	-	31	0.25	307	0.04	13	0.13
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	-	-	-	-	-	-	8	0.07	137	0.02	13	0.10
化學原料、肥料、氮化合物、塑膠原料 及人造纖維製造業 Manufacture of Chemical Material, Fertilizers and Nitrogen; Manufacture of Plastic and Synthetic Rubber Materials	4	5.48	-	-	3	1.21	131	1.07	28,076	3.45	222	0.49
其他化學製品製造業 Other Chemical Products Manufacturing	-	-	-	-	7	2.82	84	0.68	2,444	0.30	38	0.23
藥品及醫用化學製品製造業 Manufacture of Medical Goods and Medicinal Chemical Products	2	2.74	-	-	2	0.81	78	0.63	13,243	1.63	281	0.70
橡膠製品製造業 Manufacture of Rubber Products Sectors	-	-	-	-	7	2.82	138	1.12	3,652	0.45	63	0.40
塑膠製品製造業 Manufacture of Plastics Products Sectors	2	2.74	-	-	14	5.65	216	1.76	31,224	3.84	212	0.58
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	1	1.37	-	-	3	1.21	182	1.48	10,734	1.32	134	0.56
基本金屬製造業 Manufacture of Basic Metals Sectors	7	9.59	1	14.29	6	2.42	206	1.68	55,742	6.86	481	0.96
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	2	2.74	1	14.29	40	16.13	688	5.60	57,707	7.10	180	0.64
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	3	4.11	1	14.29	11	4.44	941	7.66	42,000	5.17	37	0.18
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	1	1.37	-	-	2	0.81	315	2.56	10,462	1.29	28	0.16
電力設備製造業 Manufacture of Electrical Equipment Sectors	1	1.37	-	-	6	2.42	202	1.64	10,983	1.35	76	0.33
機械設備製造業 Manufacture of Machinery and Equipment Sectors	1	1.37	-	-	15	6.05	350	2.85	14,345	1.77	67	0.34
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	-	-	-	-	6	2.42	127	1.03	4,227	0.52	41	0.23
其他運輸工具及其零件製造業 Other Transport Equipment and Parts Manufacturing	2	2.74	1	14.29	5	2.02	171	1.39	19,435	2.39	175	0.53
家具製造業 Manufacture of Furniture Sectors	-	-	-	-	3	1.21	29	0.24	11,060	1.36	595	1.01
其他製造業 Other Manufacturing Sectors	-	-	-	-	8	3.23	151	1.23	3,809	0.47	37	0.24
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	-	-	-	-	2	0.81	12	0.10	587	0.07	47	0.23
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	-	1	0.40	40	0.33	694	0.09	5	0.04
供水供應及污染整治業 Water Supply&Remediation Activities Sectors	4	5.48	-	-	2	0.81	205	1.67	31,935	3.93	506	1.30
營建工程業 Construction engineering	10	13.70	-	-	7	2.82	330	2.69	78,733	9.69	364	0.76
批發及零售業 Wholesale and Retail Trade Sectors	3	4.11	-	-	20	8.06	1,293	10.52	44,461	5.47	52	0.28
運輸及倉儲業 Transportation and Storage Sector	5	6.85	1	14.29	7	2.82	1,423	11.58	70,509	8.68	92	0.42
住宿及餐飲業 Accommodation and Food Service Activities	1	1.37	-	-	8	3.23	1,324	10.77	24,654	3.03	75	0.55
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	1	1.37	-	-	2	0.81	136	1.11	11,123	1.37	37	0.13
金融及保險業 Financial and Insurance Activities	1	1.37	-	-	6	2.42	316	2.57	12,636	1.55	21	0.11
不動產業 Real Estate Activities	-	-	-	-	-	-	177	1.44	4,477	0.55	58	0.37
專業、科學及技術服務業 Professional, Scientific and Technical Activities	3	4.11	-	-	2	0.81	148	1.20	21,299	2.62	81	0.22
支援服務業 Support Service Activities	8	10.96	-	-	5	2.02	496	4.04	65,450	8.05	169	0.47
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	-	-	-	-	1	0.40	323	2.63	5,884	0.72	51	0.38
教育業 Education	-	-	-	-	-	-	101	0.82	2,694	0.33	5	0.03
醫療保健及社會工作服務業 Human Health and Social Work Activities	1	1.37	-	-	7	2.82	691	5.62	17,739	2.18	27	0.17
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	1	1.37	-	-	3	1.21	241	1.96	7,954	0.98	182	1.01
其他服務業 Other Service Activities	-	-	-	-	4	1.61	64	0.52	2,134	0.26	30	0.17

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109年
Year 2020

單位：人次
Unit: person-times

項目別 Items	行業別 Type Ratio (%)	總計 Total	墜落 Falling Down	跌落 Mater Dropping	衝撞 Crash or Dash	物體 飛落 Falling Objects	物體 崩塌 Collapsin & Objects	被 撞 Crashed	被 夾 被 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 作 Improp er Act	其 他 Others	無 法 歸 類 者 Non- Classifi ed	交 通 事 故 Traffic Accident			
																						公 路 Highway	鐵 路 Railway	船 隻 、 航 空 器 Sea or Airborne Vessels	其 他 Others
職業災害類型比率(%) Occupational Accident Type Ratio (%)	100.00		5.03	22.11	3.71	2.87	2.58	6.83	12.03	14.12	0.89	0.05	5.22	1.50	0.36	0.10	0.17	0.25	5.39	7.50	1.32	6.26	-	-	1.71
全 產 業 Whole Industry		12,616	635	2,789	468	362	325	862	1,518	1,782	112	6	658	189	45	12	22	32	680	946	167	790	-	-	216
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	0.32	40	6	3	1	-	-	5	6	6	-	-	-	-	-	-	-	-	1	1	6	3	-	-	2
礦業及土石採取業 Mining and Quarrying Sectors	0.06	7	2	-	-	1	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製 造 業 Manufacturing Sectors	40.80	5,147	201	938	173	180	141	322	1,131	835	46	1	214	160	18	7	16	11	275	313	38	83	-	-	44
食品及飼料製造業 Food and Feeds Manufacturing	4.33	546	15	135	23	16	11	30	75	107	1	-	60	5	2	-	-	4	25	26	4	4	-	-	3
飲料製造業 Manufacture of Beverages Sectors	0.20	25	-	5	-	-	-	2	7	4	-	-	3	1	-	-	-	-	1	1	-	1	-	-	-
菸草製造業 Manufacture of Tobacco Products Sectors	0.01	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
紡 織 業 Manufacture of Textiles Sectors	1.25	158	5	25	5	6	4	8	46	20	1	1	11	1	1	-	-	-	6	13	2	2	-	-	1
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	0.25	31	2	11	2	-	-	6	3	1	2	-	2	-	1	-	-	-	-	1	-	-	-	-	-
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	0.20	25	2	2	1	-	1	1	4	7	-	-	1	1	-	-	-	-	3	1	-	-	-	-	1
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	0.20	25	-	4	-	1	-	1	2	13	-	-	-	-	-	-	-	-	1	2	-	1	-	-	-
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	0.84	106	7	19	2	2	3	8	39	11	-	-	1	-	-	-	-	-	6	4	2	1	-	-	1
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	0.25	31	-	1	1	1	2	1	10	8	1	-	-	-	-	-	-	-	4	1	-	1	-	-	-
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	0.06	8	-	4	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
化學原材料、肥料、氮化合物、塑膠原料 料及人造纖維製造業 Manufacture of Chemical Material, Fertilizers and Nitrogen; Manufacture of Plastic and Synthetic 其他化學製品製造業 Other Chemical Products Manufacturing	1.09	138	8	28	1	5	1	3	31	6	1	-	10	23	4	1	2	-	3	6	3	2	-	-	-
藥品及醫用化學製品製造業 Manufacture of Medical Goods and Medicinal Chemical Products	0.72	91	6	15	-	1	2	5	17	10	2	-	4	14	-	1	-	-	2	8	2	2	-	-	-
橡膠製品製造業 Manufacture of Rubber Products Sectors	0.65	82	-	16	4	-	1	2	12	11	-	-	2	24	-	1	-	-	3	4	1	-	-	-	1
塑膠製品製造業 Manufacture of Plastics Products Sectors	1.15	145	2	17	4	6	2	9	52	31	1	-	2	1	-	-	-	2	6	8	1	1	-	-	-
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	1.84	232	11	20	8	5	4	18	63	44	8	-	12	4	-	-	-	-	19	11	3	-	-	-	2
基本金屬製造業 Manufacture of Basic Metals Sectors	1.47	186	9	25	17	6	10	9	41	39	4	-	3	3	-	-	3	1	9	5	-	1	-	-	1
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	1.74	220	11	26	4	19	12	12	63	20	1	-	25	3	-	1	-	-	5	11	-	5	-	-	2
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	5.79	731	19	83	15	31	33	37	236	134	4	-	25	15	-	-	2	-	29	52	5	9	-	-	2
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	7.58	956	39	261	32	37	20	77	131	116	8	-	16	51	4	1	5	3	56	57	8	27	-	-	7
電力設備製造業 Manufacture of Electrical Equipment Sectors	2.52	318	14	79	18	18	7	21	30	40	4	-	8	7	3	-	-	-	21	31	2	8	-	-	7
機械設備製造業 Manufacture of Machinery and Equipment Sectors	1.66	209	11	39	3	1	4	16	54	28	1	-	8	2	2	-	1	-	18	12	1	5	-	-	3
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	2.90	366	18	44	11	16	14	25	66	88	3	-	5	1	-	1	2	-	30	29	2	7	-	-	4
其他運輸工具及其零件製造業 Other Transport Equipment and Parts	1.05	133	6	17	6	2	2	6	38	23	-	-	4	2	-	-	1	-	13	11	-	-	-	-	2
家具製造業 Manufacture of Furniture Sectors	1.42	179	7	35	9	5	3	15	48	30	4	-	3	-	-	-	-	1	3	8	-	3	-	-	5
其他製造業 Other Manufacturing Sectors	0.25	32	-	4	-	-	2	2	12	10	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	1.26	159	7	22	6	2	2	7	48	32	-	-	6	2	1	1	-	-	10	8	2	2	-	-	1
電力及燃氣供應業 Electricity and Gas Supply Sectors	0.11	14	1	1	1	-	1	1	2	2	-	-	-	-	-	-	-	-	2	2	-	1	-	-	-
供水供應及污染整治業 Water Supply&Remediation Activities Sectors	0.32	41	1	8	-	1	2	1	2	1	-	-	7	2	3	-	-	-	-	4	1	1	-	-	7
營建工程業 Construction engineering	1.67	211	22	36	11	9	3	10	16	23	1	1	5	3	-	-	2	-	15	20	12	15	-	-	7
批發及零售業 Wholesale and Retail Trade Sectors	2.75	347	53	59	12	20	17	29	34	44	6	-	5	4	4	4	2	1	12	19	4	15	-	-	3
運輸及倉儲業 Transportation and Storage Sector	10.43	1,316	77	271	63	55	64	147	88	245	9	-	39	2	7	-	-	4	72	80	18	62	-	-	13
住宿及餐飲業 Accommodation and Food Service Activities	11.38	1,436	117	375	73	37	39	97	89	56	12	1	15	2	3	-	1	1	105	165	10	218	-	-	20
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	10.57	1,333	17	246	33	21	25	54	37	319	11	2	302	5	2	1	1	-	72	69	21	92	-	-	3
金融及保險業 Financial and Insurance Activities	1.10	139	17	49	7	1	-	13	3	7	1	-	2	1	-	-	-	-	6	4	4	22	-	-	2
不動產業 Real Estate Activities	2.56	323	9	120	25	3	2	26	9	7	3	-	2	-	-	-	-	-	1	13	2	63	-	-	38
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1.40	177	6	40	3	-	-	7	1	8	2	-	3	1	-	-	-	-	2	7	2	92	-	-	3
支援服務業 Support Service Activities	1.21	153	10	50	3	1	4	11	8	9	2	-	4	4	-	-	-	4	6	19	-	14	-	-	4
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	4.03	509	32	173	22	8	8	60	23	38	2	-	9	2	1	-	-	1	10	44	14	35	-	-	27
教育業 Education	2.57	324	27	58	14	9	2	15	23	61	7	-	-	-	-	-	-	2	22	21	2	38	-	-	23
醫療保健及社會工作服務業 Human Health and Social Work Activities	0.80	101	8	35	5	2	2	10	4	17	2	-	3	-	2	-	-	-	3	3	-	3	-	-	2
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	5.54	699	17	246	18	10	11	39	23	50	8	-	10	2	5	-	-	-	65	132	26	25	-	-	12
其他服務業 Other Service Activities	1.94	245	10	66	2	2	4	9	12	41	-	1	36	1	-	-	-	8	11	30	7	2	-	-	3
	0.54	68	3	16	3	2	1	7	6	14	-	-	2	-	-	-	-	-	2	2	-	7	-	-	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 109 年
Year 2020

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 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	木工機械 Wood Processing Machine	營造機械 Construction Machinery	一般動力機械 General Dynamical Machine	起重機 Hoist and Crane	動力搬運機械 Machines Handled by Workers	交通工具 Transportation	壓力容器 Pressure Vessel	化學設備 Chemical Equipment	熔接設備 Welding Equipment	爐窯 Furnace	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	危險有害物 Dangerous And Harmful Substances			材料 Material	運搬物體 Objects Carried	環境 Environment
媒介物比率(%) Ratio of Sources of Injuries (%)	100.00	0.36	3.13	0.94	0.48	6.76	0.97	3.92	14.76	0.77	0.20	0.28	0.15	0.73	3.30	4.66	3.06	7.23	1.74	6.79	2.37	11.03	15.27	5.08	6.02
全產業 Whole Industry	12,616	45	395	119	60	853	123	495	1,862	97	25	35	19	92	416	588	386	912	219	857	299	1,392	1,926	641	760
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	40	-	-	-	-	2	-	1	8	-	-	-	-	1	3	-	3	2	-	2	-	6	4	1	7
礦業及土石採取業 Mining and Quarrying Sectors	7	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	-	-	-	-	1
製造業 Manufacturing Sectors	5,147	36	333	67	29	766	67	239	340	46	21	22	4	37	221	254	215	385	160	522	113	433	445	161	231
食品及飼料製造業 Food and Feeds Manufacturing	546	2	41	9	3	39	1	30	23	11	-	-	-	3	28	32	23	40	7	21	22	106	51	21	33
飲料製造業 Manufacture of Beverages Sectors	25	-	1	-	2	2	-	5	1	-	-	-	-	-	1	-	1	2	1	1	1	6	-	1	-
菸草製造業 Manufacture of Tobacco Products Sectors	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
紡織業 Manufacture of Textiles Sectors	158	-	26	-	3	16	1	8	9	6	1	-	-	4	13	9	7	7	5	10	1	12	11	3	6
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	31	-	3	-	-	1	-	2	9	1	-	-	-	-	-	1	-	7	-	-	1	1	4	1	-
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	25	-	3	-	-	1	1	-	-	-	-	-	-	1	4	2	1	1	2	-	-	1	3	1	4
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	25	-	2	6	-	3	-	2	1	-	-	-	-	-	2	1	-	1	-	2	-	1	1	1	2
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	106	8	14	2	5	11	2	8	5	-	-	-	-	-	6	2	1	5	-	6	1	5	7	10	8
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	31	-	3	-	-	7	1	1	2	-	-	-	-	-	5	-	-	3	-	-	2	2	3	-	2
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	8	-	1	-	-	-	-	-	2	-	-	2	-	-	-	-	1	-	-	-	-	2	-	-	-
化學原料、肥料、氮化合物、塑膠原料 及人造纖維製造業 Manufacture of Chemical Material, Fertilizers and Nitrogen; Manufacture of Plastic and Synthetic Other Chemical Products Manufacturing	138	-	11	1	-	6	1	8	5	6	5	9	-	5	5	6	8	16	13	8	-	9	6	1	9
藥品及醫用化學製品製造業 Manufacture of Medical Goods and Medicinal Chemical Products	91	-	6	2	-	9	-	9	3	3	-	1	-	-	2	7	2	8	12	3	2	2	11	3	6
橡膠製品製造業 Manufacture of Rubber Products Sectors	145	1	18	5	1	41	1	13	1	2	-	-	-	-	6	15	3	5	1	7	1	15	6	-	3
塑膠製品製造業 Manufacture of Plastics Products Sectors	232	2	30	3	3	43	8	18	13	2	-	-	-	2	12	10	7	14	4	21	3	14	12	5	6
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	186	1	14	2	-	17	4	13	15	-	-	-	-	1	6	4	6	16	5	31	5	14	14	8	10
基本金屬製造業 Manufacture of Basic Metals Sectors	220	1	13	3	2	24	7	13	11	-	-	3	2	2	5	8	11	15	10	55	2	13	8	6	6
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	731	8	33	12	3	190	20	35	34	4	1	3	1	3	24	25	20	28	18	134	14	31	48	18	24
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	956	4	54	1	2	75	1	14	74	6	8	1	-	9	23	44	72	101	43	73	23	114	127	39	48
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	318	1	8	4	3	22	3	12	40	2	-	-	-	2	14	23	11	34	6	17	11	18	57	14	16
電力設備製造業 Manufacture of Electrical Equipment Sectors	209	2	13	4	1	37	3	7	19	-	-	1	-	1	17	17	5	11	3	20	8	13	10	10	7
機械設備製造業 Manufacture of Machinery and Equipment Sectors	366	3	13	4	1	93	7	10	28	-	-	-	-	2	25	18	3	23	5	56	8	19	25	6	17
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	133	1	2	-	-	33	-	10	6	1	-	1	1	-	7	8	6	8	2	21	3	10	9	2	2
其他運輸工具及其零件製造業 Other Transport Equipment and Parts Manufacturing	179	-	6	7	-	44	6	9	19	-	-	-	-	2	8	9	5	26	1	16	2	5	6	4	4
家具製造業 Manufacture of Furniture Sectors	32	-	1	1	-	12	-	2	1	-	-	1	-	-	1	1	-	1	-	7	-	1	1	-	2
其他製造業 Other Manufacturing Sectors	159	2	9	1	-	32	-	6	15	-	-	-	-	-	6	4	15	7	2	11	2	16	19	4	8
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	14	-	2	-	-	-	-	-	1	-	-	-	-	-	-	3	2	2	1	1	1	-	-	1	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	41	-	2	-	-	-	1	-	4	-	-	-	-	8	2	2	1	3	2	1	-	7	5	2	1
供水供應及污染整治業 Water Supply and Remediation Activities Sectors	211	-	1	-	3	2	5	14	52	-	1	1	1	-	4	5	2	9	4	22	4	27	17	11	26
營建工程業 Construction engineering	347	-	2	4	7	5	15	16	44	2	-	2	-	16	15	25	10	47	5	40	13	37	26	8	8
批發及零售業 Wholesale and Retail Trade Sectors	1,316	4	17	18	4	38	9	41	225	10	-	4	4	5	62	98	36	104	6	74	37	120	230	62	108
運輸及倉儲業 Transportation and Storage Sector	1,436	1	19	1	6	10	96	381	2	-	-	-	1	4	11	44	38	92	2	54	96	139	243	130	60
住宿及餐飲業 Accommodation and Food Service Activities	1,333	-	10	4	2	11	-	3	161	24	-	1	8	7	62	51	32	40	16	38	12	259	403	76	113
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	139	3	-	-	-	1	1	2	46	1	-	-	-	1	2	14	3	22	2	2	2	6	13	9	9
金融及保險業 Financial and Insurance Activities	323	1	-	1	1	-	-	38	141	-	-	-	-	-	1	7	4	27	-	2	2	26	25	30	17
不動產業 Real Estate Activities	177	-	-	1	-	-	1	3	103	2	-	-	-	-	2	6	-	12	1	6	-	8	14	10	8
專業、科學及技術服務業 Professional, Scientific and Technical Activities	153	-	-	1	-	5	-	2	32	-	3	-	-	1	1	13	1	12	10	8	3	18	20	15	8
支援服務業 Support Service Activities	509	-	4	5	1	6	6	12	114	2	-	2	-	5	9	19	16	63	4	15	8	74	86	28	30
公共行政及國防：強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	324	-	-	4	1	1	3	19	85	3	-	2	-	-	3	5	3	14	-	37	2	25	83	25	9
教育業 Education	101	-	-	5	-	5	-	2	15	3	-	-	-	2	2	5	3	9	1	4	-	18	9	12	6
醫療保健及社會工作服務業 Human Health and Social Work Activities	699	-	4	7	3	3	5	3	73	1	-	1	-	5	7	30	15	59	4	21	4	135	171	43	105
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	245	-	-	1	1	-	-	2	14	1	-	-	1	-	6	5	3	11	-	3	2	43	127	14	11
其他服務業 Other Service Activities	68	-	2	-	1	2	-	2	24	-	-	-	-	-	3	4	1	1	2	3	1	11	5	4	2

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 109 年
Year 2020

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 Machinery	營造 機械 Construction Machinery	一般 動力 機械 General Dynamical Machinery	起重 機械 Hoist and Crane	動力 搬運 機械 Handled by Workers	交通 工具 Transportation	壓力 容器 Pressure Vessel	化學 設備 Chemical Equipment	熔接 設備 Welding Equipment	爐窯 Furnace	電氣 設備 Electric Apparatus	人力 機械 工具 Nanpower and Machin e Tools	用具 Utensils	其他 設備 Other Equipme nt	營建物 及施工 設備 Construction and Building Equipme nt	危險 物有害 物 Dangero usAnd Harmful Substanc es	材料 Material	運搬 物體 Objects Carried	環境 Environment	其他 媒介物 Other Agencie s	無媒 介物 無媒介 物 Other Agencie s	不能 分類 Unclasi fiable			
各媒介物所占比率(%) Percentage of Each Source of Injuries (%)	100.00		0.36	3.13	0.94	0.48	6.76	0.97	3.92	14.76	0.77	0.20	0.28	0.15	0.73	3.30	4.66	3.06	7.23	1.74	6.79	2.37	11.03	15.27	5.08	6.02			
總計 Total		12,616	45	395	119	60	853	123	495	1,862	97	25	35	19	92	416	588	386	912	219	857	299	1,392	1,926	641	760			
墜落、滾落 Falling Down	5.03	635	-	5	1	5	5	14	66	52	3	1	-	-	2	1	143	10	165	-	11	10	23	53	38	27			
跌倒 Mater Dropping	22.11	2,789	3	24	6	5	15	9	64	217	7	2	1	-	9	16	101	46	542	4	91	37	525	479	367	219			
衝撞 Crash or Dash	3.71	468	3	11	1	2	24	4	37	178	-	-	-	-	2	13	12	25	27	1	22	4	25	46	5	26			
物體飛落 Falling Objects	2.87	362	1	10	2	-	12	11	6	1	5	-	-	1	-	15	23	17	6	3	96	36	21	81	3	12			
物體倒塌、崩塌 Collapsing Objects	2.58	325	-	3	2	1	5	4	11	8	1	-	-	-	4	16	22	21	15	-	63	41	21	67	3	17			
被撞 Crashed	6.83	862	4	6	4	4	19	17	107	397	5	-	1	-	1	32	27	34	14	1	33	17	32	82	3	22			
被夾、被捲 Rolling-Up	12.03	1,518	23	249	11	18	454	41	97	55	6	-	4	1	9	57	47	90	22	-	88	19	50	139	1	37			
被刺、割、擦傷 Stabbing, Cutting and Abrasion	14.12	1,782	6	57	77	11	221	11	26	26	5	-	1	-	8	223	122	72	28	9	282	20	144	333	12	88			
踩踏 Tread Down	0.89	112	-	-	2	-	2	-	6	3	-	-	-	-	-	1	11	1	36	-	9	-	17	13	4	7			
溺斃 Drown	0.05	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	2	1	-			
與高溫、低溫之接觸 Hot or Low Temperature	5.22	658	2	3	-	-	15	-	1	7	48	1	15	16	20	2	4	26	2	31	37	-	250	134	11	33			
與有害物等之接觸 Contact with Hazard	1.50	189	-	-	1	-	2	-	-	-	6	16	8	-	-	-	1	1	2	129	2	1	5	11	1	3			
電感 Electrical Shock	0.36	45	-	-	-	-	5	2	-	-	-	-	-	-	24	-	-	2	-	-	-	-	4	7	-	1			
爆炸 Explosion	0.10	12	-	-	1	-	-	-	-	-	1	2	2	-	2	-	-	1	-	3	-	-	-	-	-	-			
物體破裂 Breaking	0.17	22	-	3	-	1	2	-	-	-	1	-	-	-	-	-	2	-	1	-	7	-	1	3	1	-			
火災 Fire	0.25	32	-	2	-	-	-	-	-	-	1	-	-	-	4	-	1	-	-	7	-	-	11	5	-	1			
不當動作 Improper Act	5.39	680	2	11	3	3	33	3	16	15	2	1	1	-	3	23	38	13	30	9	54	82	74	141	70	53			
其他 Others	7.50	946	1	9	7	9	37	7	19	40	2	2	1	1	4	15	31	22	15	20	54	29	155	264	80	122			
無法歸類者 Non-Classified	1.32	167	-	1	-	-	-	-	3	11	1	-	1	-	-	1	2	4	3	2	4	3	11	23	20	77			
交通事故 Traffic Accident																													
公路、鐵路事故 Road and Railway Accidents	6.26	790	-	1	-	1	2	-	32	681	3	-	-	-	-	-	1	-	3	-	4	-	9	27	17	9			
船航事故及其他 Ship Navigation Accidents and Others	1.71	216	-	-	1	-	-	-	4	171	-	-	-	-	-	1	-	-	1	-	-	-	12	16	4	6			

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 109年
Year 2020

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 Machinery	營造機械 Construction Machinery	一般動力機械 General Dynamical Machinery	起重機 Hoist and Crane	動力搬運機械 Machines Handled by Workers	交通工具 Transportation	壓力容器 Pressure Vessel	化學設備 Chemical Equipment	熔接設備 Welding Equipment	爐窯 Furnace	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 Other Agencies	不能分類 Unclassifiable		
各媒介物所占比率(%) Percentage of Each Source of Injuries (%)	100.00		0.70	6.47	1.30	0.56	14.88	1.30	4.64	6.61	0.89	0.41	0.43	0.08	0.72	4.29	4.93	4.18	7.48	3.11	10.14	2.20	8.41	8.65	3.13	4.49		
總計 Total		5,147	36	333	67	29	766	67	239	340	46	21	22	4	37	221	254	215	385	160	522	113	433	445	161	231		
墜落、滾落 Falling Down	3.91	201	-	3	1	-	5	4	20	11	-	1	-	-	1	42	5	69	-	6	1	4	14	5	9			
跌倒 Mater Dropping	18.22	938	1	15	4	1	11	4	31	55	2	2	-	-	2	10	42	22	227	1	35	15	187	113	94	64		
衝撞 Crash or Dash	3.36	173	1	8	-	1	22	-	17	42	-	-	-	-	1	4	5	11	10	1	13	2	9	19	1	6		
物體飛落 Falling Objects	3.50	180	1	6	1	-	10	9	2	-	3	-	-	1	-	12	9	11	2	3	60	9	10	28	1	2		
物體倒塌、崩塌 Collapsing Objects	2.74	141	-	1	2	-	4	3	6	1	1	-	-	-	4	7	7	9	5	-	42	21	5	13	3	7		
被撞 Crashed	6.26	322	2	4	3	1	18	13	59	100	2	-	1	-	-	23	15	13	6	1	22	9	9	16	-	5		
被夾、被捲 Rolling-Up	21.97	1,131	21	226	10	16	429	23	64	5	3	-	3	-	3	41	28	62	13	-	68	11	26	57	-	22		
被刺、割、擦傷 Stabbing, Cutting and Abrasion	16.22	835	6	47	39	7	186	7	16	4	2	-	-	-	2	92	54	44	11	3	159	3	40	80	6	27		
踩踏 Tread Down	0.89	46	-	-	-	-	-	-	1	-	-	-	-	-	-	1	7	1	22	-	7	-	2	1	1	3		
溺斃 Drown	0.02	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-		
與高溫、低溫之接觸 Hot or Low Temperature	4.16	214	1	3	-	-	12	-	1	1	20	1	10	2	7	2	2	14	1	18	29	-	70	12	1	7		
與有害物等之接觸 Contact with Hazard	3.11	160	-	-	1	-	2	-	-	-	6	12	8	-	-	-	1	1	1	113	2	1	3	7	1	1		
電擊 Electrical Shock	0.35	18	-	-	-	-	4	-	-	-	-	-	-	-	10	-	-	1	-	-	-	-	2	1	-	-		
爆炸 Explosion	0.14	7	-	-	1	-	-	-	-	-	1	2	-	-	1	-	-	1	-	1	-	-	-	-	-	-		
物體破裂 Breaking	0.31	16	-	3	-	-	2	-	-	-	1	-	-	-	-	-	1	-	-	-	5	-	1	2	1	-		
火災 Fire	0.21	11	-	2	-	-	-	-	-	-	-	-	-	-	3	-	1	-	-	2	-	-	2	-	-	1		
不當動作 Improper Act	5.34	275	2	9	-	2	29	1	8	1	1	1	-	-	1	17	23	5	11	6	39	25	19	35	18	22		
其他 Others	6.08	313	1	6	4	1	31	3	10	8	2	2	-	1	3	10	16	14	7	11	33	14	39	43	24	30		
無法歸類者 Non-Classified	0.74	38	-	-	-	-	-	-	1	1	1	-	-	-	-	1	1	-	-	-	2	2	1	2	4	22		
交通事故 Traffic Accident																												
公路、鐵路事故 Road and Railway																												
Accidents	1.61	83	-	-	-	-	1	-	2	75	1	-	-	-	-	-	-	-	-	-	-	-	1	2	-	1		
船航事故及其他 Ship Navigation Accidents and Others	0.85	44	-	-	1	-	-	-	1	36	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1	2		

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 109年
Year 2020

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 臂 Arm Bone	肘 Elbow	前 臂 Forearm	腕 Wrist	胸 Chest	肋 骨 Rib Cage	背 Back	手 Hand	指 Finger	腹 Abdomen	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		6.94	3.25	1.39	2.80	0.62	0.92	3.52	1.52	2.52	2.46	1.52	3.24	15.07	15.22	0.86	2.08	0.09	0.83	6.79	8.29	14.46	0.26	0.29	5.03	
總計 Total		16,651	1,156	541	232	466	104	153	586	253	420	410	253	540	2,509	2,535	144	346	15	139	1,130	1,381	2,408	43	49	838	
墜落、滾落 Falling Down	5.75	958	140	17	25	40	5	8	51	19	24	45	53	50	90	13	8	33	1	16	47	83	140	4	5	41	
跌倒 Falling	22.71	3,781	243	109	43	134	25	43	184	62	139	84	73	167	381	87	24	169	5	65	477	351	762	3	11	140	
衝撞 Crash or Dash	4.16	692	115	32	13	27	7	1	28	6	8	23	23	13	80	38	10	10	1	5	68	70	86	1	-	27	
物體飛落 Falling Objects	2.53	422	85	32	6	10	-	3	5	5	7	7	3	5	37	42	-	4	-	1	6	33	110	1	-	20	
物體倒塌、崩塌 Collapsing Objects	2.51	418	37	11	9	12	-	3	5	3	9	17	10	17	34	32	3	4	-	1	17	53	125	3	1	12	
被撞 Crashed	8.01	1,334	152	57	29	49	15	14	58	9	29	53	27	28	148	46	15	29	2	13	114	183	203	7	3	51	
被夾、被捲 Rolling-Up	10.10	1,682	8	2	3	3	-	9	19	22	32	18	5	6	411	980	6	5	-	1	4	27	105	2	1	13	
被刺、割、擦傷 Stabbing, Cutting and Abrasion	11.55	1,923	41	33	3	5	1	4	31	30	34	6	-	6	534	953	1	9	1	1	36	92	65	-	-	37	
踩踏 Tread Down	0.82	136	2	-	1	-	-	1	2	1	-	5	4	3	12	3	-	3	-	1	10	18	66	-	-	4	
溺斃 Drown	0.04	6	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	1	1	
與高溫、低溫之接觸 Hot or Low Temperature	5.44	905	16	68	27	9	-	25	20	40	17	28	-	13	255	59	21	18	2	3	11	106	142	-	-	25	
與有害物等之接觸 Contact with Hazard	1.49	248	19	29	6	1	-	4	4	10	2	10	-	4	17	4	2	2	1	2	2	17	21	4	2	85	
電感 Electrical Shock	0.43	72	2	7	1	3	-	1	1	1	1	4	-	4	19	14	1	2	-	1	-	2	-	-	4	4	
爆炸 Explosion	0.15	25	3	6	3	2	1	-	-	-	-	2	-	2	2	1	-	-	-	-	-	1	-	-	1	1	
物體破裂 Breaking	0.16	26	4	2	1	1	-	-	1	-	-	4	-	1	4	1	1	-	-	-	1	-	1	1	-	3	
火災 Fire	0.28	46	1	5	2	-	-	-	-	-	-	1	-	1	10	-	1	-	-	1	-	4	2	-	4	14	
不當動作 Improper Act	4.62	769	32	12	1	33	3	10	20	9	35	3	4	117	77	107	8	14	-	3	29	31	123	-	-	98	
其他 Others	6.86	1,143	122	50	25	26	-	8	24	8	21	18	2	46	142	102	23	18	1	5	54	88	169	10	7	174	
無法歸類者 Non-Classified	1.32	219	17	8	9	13	1	1	8	2	2	3	-	3	26	18	4	4	-	1	15	12	29	3	4	36	
交通事故 Traffic Accident																											
公路、鐵路事故 Road and Railway Accidents	8.73	1,453	96	51	20	81	32	16	98	21	44	59	39	42	187	26	12	15	1	17	184	160	203	3	4	42	
船航事故及其他 Ship Navigation Accidents and Others	2.36	393	20	10	5	17	14	2	27	5	16	20	10	12	43	8	3	7	-	2	55	49	56	1	1	10	

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109年 Year 2020																							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		6.35	3.50	1.29	2.03	0.45	0.90	2.98	1.46	2.31	2.56	1.39	2.46	16.92	22.80	0.88	1.91	0.06	0.71	4.39	6.54	12.31	0.26	0.17	5.36
總計 Total		6,452	410	226	83	131	29	58	192	94	149	165	90	159	1,092	1,471	57	123	4	46	283	422	794	17	11	346
墜落、滾落 Falling Down	4.60	297	45	6	7	17	1	3	21	4	6	14	21	16	31	5	-	13	-	6	12	18	35	2	1	13
墜落、滾落 Mater Dropping	19.45	1,255	86	48	16	43	8	11	61	20	49	35	29	52	133	37	10	52	-	23	149	106	244	1	1	41
衝撞 Crash or Dash	3.44	222	58	10	4	4	3	-	6	2	3	3	6	3	26	17	1	6	1	3	10	13	27	-	-	16
物體飛落 Falling Objects	3.25	210	37	14	2	5	-	3	1	4	4	5	1	3	25	21	-	1	-	-	2	22	52	-	-	8
物體倒塌、崩塌 Collapsing Objects	2.84	183	12	6	1	2	-	2	2	1	-	7	4	5	17	19	1	3	-	1	7	28	60	-	1	4
被撞 Crashed	7.16	462	54	20	7	16	2	8	15	6	11	15	10	5	47	28	6	12	1	4	24	66	81	5	-	19
被夾、被捲 Rolling-Up	19.59	1,264	6	2	2	2	-	6	14	20	28	14	4	5	322	753	6	3	-	1	2	13	51	2	-	8
被刺、割、擦傷 Stabbing, Cutting and Abrasion	13.95	900	17	22	1	3	1	3	22	8	20	3	-	2	267	426	-	6	-	1	12	44	23	-	-	19
踩踏 Tread Down	0.87	56	2	-	1	-	-	-	-	-	-	4	2	1	7	-	-	2	-	-	1	5	29	-	-	1
溺斃 Drown	0.02	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
與高溫、低溫之接觸 Hot or Low Temperature	5.18	334	5	30	15	4	-	9	8	10	4	17	-	5	89	23	15	7	1	-	3	41	38	-	-	10
與有害物等之接觸 Contact with Hazard	3.32	214	15	25	5	1	-	3	4	9	2	10	-	4	14	3	2	2	1	2	2	12	17	3	2	76
電感 Electrical Shock	0.46	30	1	4	1	2	-	-	1	-	1	3	-	1	7	5	1	1	-	-	-	-	-	-	1	1
爆炸 Explosion	0.25	16	1	4	3	1	1	-	-	-	-	2	-	-	2	1	-	-	-	-	-	-	-	-	1	-
物體破裂 Breaking	0.29	19	4	1	1	1	-	-	1	-	-	4	-	-	2	1	1	-	-	-	-	-	-	1	-	2
火災 Fire	0.28	18	-	2	-	-	-	-	-	-	-	1	-	1	6	-	1	-	-	1	-	1	2	-	1	2
不當動作 Improper Act	4.71	304	18	8	-	7	1	6	10	3	8	1	-	35	33	66	2	3	-	-	9	11	49	-	-	34
其他 Others	5.67	366	32	17	7	3	-	-	7	3	3	5	1	15	39	57	6	5	-	1	12	12	60	2	1	78
無法歸類者 Non-Classified	0.82	53	3	1	4	4	1	-	1	1	-	1	-	-	1	5	1	1	-	-	5	4	12	-	-	8
交通事故 Traffic Accident																										
公路、鐵路事故 Road and Railway Accidents	2.53	163	9	5	5	10	5	4	12	-	5	14	9	6	15	3	3	5	-	3	22	15	9	-	-	4
船航事故及其他 Ship Navigation Accidents																										
and Others	1.32	85	5	1	1	6	6	-	5	3	5	7	3	-	9	1	1	1	-	-	11	11	5	1	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 (person-times) ÷ total occupational accidents (person-times) × 100

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109年
Year 2020

單位：部位數
Unit: number of body parts

項目別 Items	行業百分率 Industry Percentage (%)	總計 Total	頭 Head	臉 Face	頸 Neck	肩 Shoulder	鎖骨 Collar-Bone	上臂 Arm Bone	肘 Elbow	前臂 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		6.94	3.25	1.39	2.80	0.62	0.92	3.52	1.52	2.52	2.46	1.52	3.24	#####	#####	0.86	2.08	0.09	0.83	6.79	8.29	#####	0.26	0.29	5.03
全產業 Whole Industry		16,651	1,156	541	232	466	104	153	586	253	420	410	253	540	2,509	2,535	144	346	15	139	1,130	1,381	2,408	43	49	838
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	0.33	55	4	2	-	1	-	-	2	-	1	1	2	2	8	11	-	3	-	1	3	4	5	-	1	4
礦業及土石採取業 Mining and Quarrying Sectors	0.06	10	-	-	-	-	-	-	1	1	1	-	-	-	2	2	-	1	-	-	1	-	-	-	-	1
製造業 Manufacturing Sectors	38.75	6,452	410	226	83	131	29	58	192	94	149	165	90	159	1,092	1,471	57	123	4	46	283	422	794	17	11	346
食品及飼料製造業 Food and Feeds Manufacturing	4.06	676	41	18	7	24	3	6	18	7	20	18	6	26	118	144	6	18	-	8	28	46	88	-	1	25
飲料製造業 Manufacture of Beverages Sectors	0.22	37	2	6	-	-	-	2	1	-	2	3	-	1	4	5	-	-	-	-	5	2	2	-	-	2
菸草製造業 Manufacture of Tobacco Products Sectors	0.01	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
紡織業 Manufacture of Textiles Sectors	1.20	200	7	9	5	7	1	1	2	3	4	5	1	7	34	54	6	5	-	-	7	10	21	1	2	8
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories Sectors	0.26	44	5	1	-	1	-	-	2	-	1	-	-	2	5	3	-	3	-	-	6	2	11	-	-	2
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products Sectors	0.17	29	5	-	-	-	2	-	2	-	-	-	-	-	6	7	-	-	-	-	2	1	4	-	-	-
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo Sectors	0.17	28	1	2	1	-	-	-	1	-	2	1	-	1	3	8	-	1	-	-	-	1	2	-	-	4
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products Sectors	0.75	125	6	1	4	3	-	2	5	2	6	4	3	1	18	35	-	2	-	2	4	7	14	-	-	6
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media Sectors	0.20	34	2	1	1	-	-	-	1	1	-	1	-	2	16	-	1	-	-	-	-	2	4	-	-	2
石油及煤製品製造業 Manufacture of Petroleum and Coal Products Sectors	0.10	16	-	2	-	2	-	-	1	-	1	-	1	-	2	1	-	-	-	1	1	3	-	1	-	-
化學原料、肥料、氮化化合物、塑膠原料及人造纖維製造業 Manufacture of Chemical Material, Fertilizers and Nitrogen; Manufacture of Plastic and Synthetic Rubber Materials	1.12	186	11	14	4	4	1	4	4	1	2	7	2	5	31	22	3	3								12
其他化學製品製造業 Other Chemical Products Manufacturing	0.76	126	6	10	1	3	2	1	6	3	3	6	1	5	16	20	3	3	1							15
藥品及醫用化學製品製造業 Manufacture of Medical Goods and Medicinal Chemical Products	0.62	104	5	6	1	3	1	-	1	2	6	2	-	3	17	18	-	3	-	1	2	3	5	-	1	24
橡膠製品製造業 Manufacture of Rubber Products Sectors	1.03	171	4	2	1	2	-	2	1	4	7	3	1	1	35	57	2	4	-	-	4	14	21	1	-	5
塑膠製品製造業 Manufacture of Plastics Products Sectors	1.77	295	16	11	6	2	1	2	8	8	8	13	2	3	64	73	2	2	-	1	5	22	32	-	-	14
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products Sectors	1.38	229	15	10	3	3	-	3	9	10	6	4	5	4	39	53	1	2	-	1	13	14	25	2	-	7
基本金屬製造業 Manufacture of Basic Metals Sectors	1.72	286	16	13	6	2	1	5	5	6	4	13	8	10	38	67	8	7	1	1	7	20	37	-	1	10
金屬製品製造業 Manufacture of Fabricated Metal Products Sectors	5.24	873	39	30	8	6	4	10	23	13	17	11	18	11	157	279	7	13	1	3	26	64	101	-	-	32
電子零組件製造業 Manufacture of Electronic Parts and Components Sectors	7.30	1,216	112	35	18	31	2	7	47	14	24	29	11	40	211	157	9	33	-	14	81	72	184	3	4	78
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products Sectors	2.50	416	39	7	7	20	6	3	12	6	9	10	4	11	56	52	2	8	-	2	26	35	68	-	-	33
電力設備製造業 Manufacture of Electrical Equipment Sectors	1.57	261	14	12	1	3	1	1	8	4	4	8	6	4	48	69	3	3	-	-	10	18	28	2	-	14
機械設備製造業 Manufacture of Machinery and Equipment Sectors	2.73	455	28	12	1	5	2	7	16	3	10	12	8	12	81	129	2	5	-	5	13	33	45	1	-	25
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts Sectors	1.00	166	9	6	2	2	1	1	5	2	1	3	2	6	24	56	1	1	-	2	8	7	17	1	-	9
其他運輸工具及其零件製造業 Other Transport Equipment and Parts Manufacturing	1.41	235	16	9	1	6	-	1	8	3	4	9	6	1	33	69	1	5	-	1	14	15	23	2	1	7
家具製造業 Manufacture of Furniture Sectors	0.25	41	-	1	-	-	-	-	1	2	2	-	-	1	10	15	-	-	-	1	1	2	4	1	-	-
其他製造業 Other Manufacturing Sectors	1.10	183	9	4	4	2	1	-	6	-	5	4	4	4	38	58	-	-	1	1	9	8	14	-	-	11
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment Sectors	0.11	19	2	4	1	-	-	-	-	-	-	-	-	-	2	3	1	1	-	-	1	1	2	-	-	1
電力及燃氣供應業 Electricity and Gas Supply Sectors	0.40	67	3	9	6	5	-	2	6	1	1	3	2	2	11	3	-	1	-	1	4	4	1	-	-	2
供水供應及污染整治業 Water Supply&Remediation Activities Sectors	1.72	286	27	15	5	12	2	3	11	4	11	9	3	13	32	20	-	4	-	1	23	30	43	1	2	15
營建工程業 Construction engineering	2.80	467	42	17	13	17	2	4	10	8	8	20	21	11	52	65	5	13	1	6	24	44	51	2	3	28
批發及零售業 Wholesale and Retail Trade Sectors	10.82	1,801	134	50	29	56	14	27	69	26	48	32	23	76	255	222	17	48	1	16	142	175	252	5	8	76
運輸及倉儲業 Transportation and Storage Sector	11.57	1,927	145	47	25	69	14	10	77	20	56	59	27	76	205	115	14	29	1	14	182	211	416	7	9	99
住宿及餐飲業 Accommodation and Food Service Activities	10.00	1,665	76	46	16	22	8	14	56	40	39	22	9	50	336	309	11	36	-	17	94	136	253	2	3	70
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	1.41	235	26	9	4	8	5	3	17	6	7	6	4	11	24	11	3	8	1	4	20	15	32	1	-	10
金融及保險業 Financial and Insurance Activities	3.17	528	33	20	8	23	8	4	21	3	10	15	10	22	60	20	3	12	-	4	63	74	104	-	-	11
不動產業 Real Estate Activities	1.79	298	16	7	2	15	2	4	13	1	9	6	3	8	58	12	2	3	-	6	34	15	62	1	1	18
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1.24	206	11	11	3	9	5	2	9	1	7	4	5	9	37	14	1	3	-	-	20	20	28	-	2	5
支援服務業 Support Service Activities	4.24	706	74	26	11	22	7	4	29	6	15	21	25	14	96	50	9	10	2	9	59	71	99	5	4	38
公共行政及國防：強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	2.77	461	32	10	3	24	3	5	23	21	13	8	15	34	44	42	2	10	-	6	45	43	61	2	1	14
教育業 Education	0.77	128	6	4	3	6	-	-	8	2	5	5	1	3	22	17	2	2	-	1	7	13	15	-	1	5
醫療保健及社會工作服務業 Human Health and Social Work Activities	5.70	949	87	32	15	36	5	6	29	10	25	22	9	39	114	92	14	29	3	6	96	69	148	-	3	60
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	1.86	309	25	8	4	6	-	5	8	6	12	7	3	10	41	44	3	11	1	1	21	25	37	-	-	31
其他服務業 Other Service Activities	0.61	101	5	2	2	4	-	2	6	3	3	4	1	1	20	15	1	-	1	-	9	10	7	-	-	5

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 勞工職業傷害傷病、失能、死亡之類型
Table 9-1 Types of occupational illnesses, disabling injuries and death

中華民國 109年
Year 2020

單位：件
Unit: case

行業別 Industry Type	總計 Total			墜落、滾落 Falling Down (1)			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	傷病 Illnesses	失能 Disability	死亡 Death	傷病 Illnesses	失能 Disability	死亡 Death
總計 Total	48,408	2,091	519	3,177	154	81	4,568	72	15	452	12	3	1,324	76	12	288	16	32
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	507	32	33	55	3	4	96	5	2	6	-	-	14	1	-	3	-	4
礦業及土石採取業 Mining and Quarrying Sectors	19	1	1	3	-	1	6	-	-	-	-	-	-	-	-	-	-	-
製造業 Manufacturing Sectors	13,289	842	137	583	34	13	993	17	6	100	1	1	416	25	2	79	5	9
電力及燃氣供應業 Electricity and Gas Supply Sectors	45	5	-	5	-	-	8	1	-	-	-	-	2	-	-	-	1	-
供水供應及污染整治業 Water Supply&Remediation Activities Sectors	353	23	10	30	2	2	51	-	1	3	-	-	11	2	-	1	2	1
營造業 Construction Sector	7,524	324	101	1,307	66	37	748	6	3	61	3	-	443	24	6	84	3	5
批發及零售業 Wholesale and Retail Trade Sectors	8,282	322	73	349	13	5	654	8	-	72	-	-	192	7	2	49	4	4
運輸及倉儲業 Transportation and Storage Sector	2,990	95	49	314	5	6	324	5	-	112	3	1	70	4	1	24	1	5
住宿及餐飲業 Accommodation and Food Service Activities	4,762	72	10	77	2	-	502	4	-	30	1	-	45	2	-	10	-	-
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	592	14	3	31	3	-	31	-	-	3	-	-	8	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	551	28	5	4	-	-	41	3	-	1	-	-	3	-	-	-	-	-
不動產業 Real Estate Activities	618	19	7	29	-	-	87	-	-	1	-	-	3	-	-	1	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1,080	29	10	67	3	2	92	-	-	4	-	-	11	-	-	2	-	1
支援服務業 Support Service Activities	2,697	97	37	117	9	7	355	4	2	21	3	1	40	3	1	15	-	2
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	166	24	8	9	4	-	19	4	-	1	1	-	-	-	-	-	-	-
教育服務業 Education Sectors	531	21	5	25	1	-	71	4	-	2	-	-	4	-	-	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	1,846	25	12	28	1	-	165	2	-	5	-	-	8	-	-	5	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	433	5	3	24	1	-	62	-	-	2	-	-	9	-	-	1	-	-
其他服務業 Other Service Activities	2,123	113	15	120	7	4	263	9	1	28	-	-	45	8	-	14	-	1

行業別 Industry Type	被撞 Crashed (6)			被夾、被捲 Rolling-Up (7)			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	傷病 Illnesses	失能 Disability	死亡 Death	傷病 Illnesses	失能 Disability	死亡 Death
總計 Total	1,514	48	9	4,568	729	22	4,934	190	5	486	6	-	1	26	1,306	25	1	
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	15	-	-	62	9	-	92	5	1	3	-	-	-	13	4	-	-	
礦業及土石採取業 Mining and Quarrying Sectors	2	-	-	2	-	-	1	1	-	-	-	-	-	-	-	-	-	
製造業 Manufacturing Sectors	304	14	3	2,210	448	12	1,453	72	1	91	-	-	-	3	257	16	1	
電力及燃氣供應業 Electricity and Gas Supply Sectors	1	-	-	5	1	-	1	-	-	-	-	-	-	-	4	-	-	
供水供應及污染整治業 Water Supply&Remediation Activities Sectors	5	1	-	50	6	2	29	1	-	3	-	-	-	-	6	-	-	
營造業 Construction Sector	262	7	4	687	73	3	1,595	58	-	137	3	-	1	4	77	1	-	
批發及零售業 Wholesale and Retail Trade Sectors	214	11	-	760	117	3	651	30	1	72	-	-	-	1	161	2	-	
運輸及倉儲業 Transportation and Storage Sector	348	9	2	283	19	1	92	3	-	59	2	-	-	5	29	2	-	
住宿及餐飲業 Accommodation and Food Service Activities	89	1	-	127	5	-	557	4	-	27	-	-	-	-	646	-	-	
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	13	-	-	9	1	-	10	-	-	5	-	-	-	-	1	-	-	
金融及保險業 Financial and Insurance Activities	5	-	-	2	1	-	2	-	-	3	-	-	-	-	-	-	-	
不動產業 Real Estate Activities	10	-	-	14	-	-	14	1	-	3	-	-	-	-	5	-	-	
專業、科學及技術服務業 Professional, Scientific and Technical Activities	19	-	-	55	7	-	77	3	-	8	1	-	-	-	12	1	-	
支援服務業 Support Service Activities	115	2	-	134	16	-	95	6	-	31	-	-	-	-	19	1	-	
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	17	-	-	4	3	-	7	4	1	3	-	-	-	-	-	-	-	
教育服務業 Education Sectors	17	-	-	7	3	-	14	-	-	1	-	-	-	-	6	-	-	
醫療保健及社會工作服務業 Human Health and Social Work Activities	19	1	-	17	1	-	31	-	-	12	-	-	-	-	16	1	-	
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	20	-	-	12	3	-	20	-	-	5	-	-	-	-	5	-	-	
其他服務業 Other Service Activities	39	2	-	128	16	1	193	2	1	23	-	-	-	-	58	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 9-1 勞工職業傷害傷病、失能、死亡之類型(續完)
Table 9-1 Types of occupational illnesses, disabling injuries and death(continued)

中華民國 109年
Year 2020

單位：件
Unit: case

行業別 Industry Type	與有害物之接觸 Contact with Hazard (12)			電 擊 Electrical Shock (13)			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	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	115	7	7	76	12	20	65	7	2	135	7	-	47	8	4
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	1	-	-	1	-	1	-	1	-	-	-	-	1	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製 造 業 Manufacturing Sectors	63	3	2	17	2	5	14	1	-	33	3	-	12	4	1
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	2	1	-	1	-	-	-	-	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	1	-	2	-	-	-	-	-	-	1	-	-	-	-	-
營 造 業 Construction Sector	12	1	1	31	6	10	11	2	1	47	3	-	7	-	-
批發及零售業 Wholesale and Retail Trade Sectors	11	1	2	12	1	2	8	-	-	16	1	-	4	2	-
運輸及倉儲業 Transportation and Storage Sector	2	1	-	1	2	-	5	1	-	4	-	-	2	-	-
住宿及餐飲業 Accommodation and Food Service Activities	11	-	-	2	-	-	18	-	-	18	-	-	7	-	-
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	1	-	-	-	-	-	-	-	-	2	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
不動產業 Real Estate Activities	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	-	-	-	5	-	-	1	-	1	-	-	-	2	-	1
支援服務業 Support Service Activities	4	-	-	1	-	1	1	1	-	6	-	-	3	2	-
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	-	-	-	3	-	-	-	-	-	-	-	-	1	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	2	-	-	-	-	-	-	-	-	1	-	-	6	-	1
其他服務業 Other Service Activities	7	1	-	1	-	1	6	1	-	6	-	-	1	-	-

行業別 Industry Type	不 當 動 作 Improper Act (17)			其 他 Others (18)			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	傷 病 Illnesses	失 能 Disability	死 亡 Death	傷 病 Illnesses	失 能 Disability	死 亡 Death
總 計 Total	1,289	24	1	730	24	5	36	4	1	23,295	666	267	3	3	6
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	19	-	-	14	2	-	1	-	-	120	6	4	-	-	4
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
製 造 業 Manufacturing Sectors	392	11	1	166	8	2	10	1	-	6,096	176	75	-	1	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	1	-	-	2	-	-	-	-	-	13	1	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	12	2	-	8	-	-	-	-	-	142	7	2	-	-	-
營 造 業 Construction Sector	239	6	-	133	4	-	5	-	-	1,638	57	27	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	216	3	-	108	5	1	4	1	1	4,727	116	51	2	-	-
運輸及倉儲業 Transportation and Storage Sector	97	-	-	65	-	-	-	-	-	1,158	37	26	1	1	2
住宿及餐飲業 Accommodation and Food Service Activities	89	-	-	39	-	-	2	-	-	2,466	53	10	-	-	-
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	7	-	-	2	-	-	-	-	-	469	10	3	-	-	-
金融及保險業 Financial and Insurance Activities	3	-	-	1	-	-	-	-	-	485	24	4	-	-	-
不動產業 Real Estate Activities	11	-	-	9	-	-	1	-	-	429	18	7	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	16	-	-	18	1	-	1	-	-	690	13	5	-	-	-
支援服務業 Support Service Activities	48	-	-	44	2	2	5	-	-	1,643	48	21	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	5	-	-	5	-	-	2	-	-	94	8	7	-	-	-
教育服務業 Education Sectors	8	-	-	9	-	-	-	1	-	367	12	5	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	36	-	-	36	1	-	2	-	-	1,462	18	12	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	20	-	-	15	-	-	-	-	-	229	1	2	-	-	-
其他服務業 Other Service Activities	70	2	-	56	1	-	3	1	-	1,062	61	6	-	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 109 年
Year 2020

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	864	236	44	-	-	-	-	-	-	1	-	-	11	-	2	-	-	-
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	13	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製造業 Manufacturing Sectors	265	108	12	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
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	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
營造業 Construction Sector	142	31	5	-	-	-	-	-	-	-	-	-	4	-	1	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	101	19	5	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
運輸及倉儲業 Transportation and Storage Sector	47	9	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	70	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	33	15	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	6	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
教育服務業 Education Sectors	12	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	38	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
其他服務業 Other Service Activities	83	19	5	-	-	-	-	-	-	-	-	-	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	115	13	-	4	-	-	358	2	-	-	-	-	-	-	-	-	-	-
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	2	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
製造業 Manufacturing Sectors	30	4	-	1	-	-	83	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
營造業 Construction Sector	40	5	-	-	-	-	60	-	-	-	-	-	-	-	-	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	10	1	-	-	-	-	60	1	-	-	-	-	-	-	-	-	-	-
運輸及倉儲業 Transportation and Storage Sector	19	1	-	3	-	-	10	-	-	-	-	-	-	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	2	1	-	-	-	-	53	-	-	-	-	-	-	-	-	-	-	-
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	-	1	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	5	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-
其他服務業 Other Service Activities	4	-	-	-	-	-	44	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 109 年
Year 2020

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	4	-	-	24	1	-	1	-	-	7	76	3	1	3	-	1	7	-
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
製造業 Manufacturing Sectors	-	-	-	-	-	-	-	-	-	3	48	-	-	2	-	-	3	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
供水供應及污染整治業 Water Supply&Remediation Activities Sectors	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
營造業 Construction Sector	-	-	-	4	-	-	1	-	-	2	10	3	1	1	-	-	4	-
批發及零售業 Wholesale and Retail Trade Sectors	-	-	-	1	-	-	-	-	-	1	6	-	-	-	-	1	-	-
運輸及倉儲業 Transportation and Storage Sector	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
出版、影音製作、傳播及資訊 服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	-	-	-	17	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	-	-	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-

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	5	-	-	279	105	22	9	1	-	37	24	17	7	4	-
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	-	-	-	3	2	-	-	-	-	2	-	1	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製造業 Manufacturing Sectors	1	-	-	136	46	10	1	-	-	6	4	2	-	1	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
供水供應及污染整治業 Water Supply&Remediation Activities Sectors	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-
營造業 Construction Sector	1	-	-	17	7	1	8	1	-	2	3	-	2	-	-
批發及零售業 Wholesale and Retail Trade Sectors	-	-	-	23	9	4	-	-	-	2	1	1	2	1	-
運輸及倉儲業 Transportation and Storage Sector	-	-	-	8	2	-	-	-	-	6	3	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	1	-	-	12	5	-	-	-	-	2	-	1	-	-	-
出版、影音製作、傳播及資訊 服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	-	-	-	6	2	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	11	4	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	-	-	-	5	1	1	-	-	-	1	1	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	-	-	-	5	2	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	-	-	-	7	3	-	-	-	-	15	10	9	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	-	-	-	4	3	-	-	-	-	-	-	1	-	-	-
教育服務業 Education Sectors	-	-	-	5	2	-	-	-	-	-	-	1	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	-	-	-	3	1	-	-	-	-	-	1	-	3	1	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	4	1	-	-	-	-	1	-	1	-	-	-
其他服務業 Other Service Activities	2	-	-	29	14	5	-	-	-	-	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

time
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	(26,778)	(25,110)	(1,422)	(246)	10,504,349	(2.549)	(2.390)	(0.135)	(0.023)
	51,018	48,408	2,091	519		4.857	4.608	0.199	0.049
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	(438)	(387)	(26)	(25)	335,476	(1.306)	(1.154)	(0.078)	(0.075)
	572	507	32	33		1.705	1.511	0.095	0.098
礦業及土石採取業 Mining and Quarrying Sectors	(16)	(14)	(1)	(1)	3,706	(4.317)	(3.778)	(0.270)	(0.270)
	21	19	1	1		5.666	5.127	0.270	0.270
製造業 Manufacturing Sectors	(7,920)	(7,193)	(665)	(62)	3,146,260	(2.517)	(2.286)	(0.211)	(0.020)
	14,268	13,289	842	137		4.535	4.224	0.268	0.044
電力及燃氣供應業 Electricity and Gas Supply Sectors	(36)	(32)	(4)	-	25,427	(1.416)	(1.259)	(0.157)	-
	51	45	5	1		2.006	1.770	0.197	0.039
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	(235)	(211)	(16)	(8)	52,735	(4.456)	(4.001)	(0.303)	(0.152)
	386	353	23	10		7.320	6.694	0.436	0.190
營造業 Construction Sector	(6,227)	(5,886)	(267)	(74)	672,048	(9.266)	(8.758)	(0.397)	(0.110)
	7,949	7,524	324	101		11.828	11.196	0.482	0.150
批發及零售業 Wholesale and Retail Trade Sectors	(3,781)	(3,553)	(206)	(22)	1,838,956	(2.056)	(1.932)	(0.112)	(0.012)
	8,677	8,282	322	73		4.718	4.504	0.175	0.040
運輸及倉儲業 Transportation and Storage Sector	(1,909)	(1,831)	(57)	(21)	428,746	(4.453)	(4.271)	(0.133)	(0.049)
	3,134	2,990	95	49		7.310	6.974	0.222	0.114
住宿及餐飲業 Accommodation and Food Service Activities	(2,315)	(2,296)	(19)	-	577,434	(4.009)	(3.976)	(0.033)	-
	4,844	4,762	72	10		8.389	8.247	0.125	0.017
出版、影音製作、傳播及資 通訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and	(127)	(123)	(4)	-	323,030	(0.393)	(0.381)	(0.012)	-
	609	592	14	3		1.885	1.833	0.043	0.009
金融及保險業 Financial and Insurance Activities	(71)	(66)	(4)	(1)	399,977	(0.178)	(0.165)	(0.010)	(0.003)
	584	551	28	5		1.460	1.378	0.070	0.013
不動產業 Real Estate Activities	(190)	(189)	(1)	-	152,662	(1.245)	(1.238)	(0.007)	-
	644	618	19	7		4.218	4.048	0.124	0.046
專業、科學及技術服務業 Professional, Scientific and Technical Activities	(411)	(390)	(16)	(5)	420,645	(0.977)	(0.927)	(0.038)	(0.012)
	1,119	1,080	29	10		2.660	2.567	0.069	0.024
支援服務業 Support Service Activities	(1,119)	(1,054)	(49)	(16)	425,230	(2.632)	(2.479)	(0.115)	(0.038)
	2,831	2,697	97	37		6.658	6.342	0.228	0.087
公共行政及國防；強制性社 會安全 Public Administration and Defence; Compulsory Social Security Sectors	(89)	(72)	(16)	(1)	149,918	(0.594)	(0.480)	(0.107)	(0.007)
	198	166	24	8		1.321	1.107	0.160	0.053
教育服務業 Education Sectors	(173)	(164)	(9)	-	351,720	(0.492)	(0.466)	(0.026)	-
	557	531	21	5		1.584	1.510	0.060	0.014
醫療保健及社會工作服務業 Human Health and Social Work Activities	(391)	(384)	(7)	-	532,699	(0.734)	(0.721)	(0.013)	-
	1,883	1,846	25	12		3.535	3.465	0.047	0.023
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	(209)	(204)	(4)	(1)	109,624	(1.907)	(1.861)	(0.036)	(0.009)
	441	433	5	3		4.023	3.950	0.046	0.027
其他服務業 Other Service Activities	(1,121)	(1,061)	(51)	(9)	558,057	(2.009)	(1.901)	(0.091)	(0.016)
	2,251	2,123	113	15		4.034	3.804	0.202	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 9-4 歷年來全產業勞工職業傷害人次及千人率
Table 9-4 Whole industry worker occupational injury person-times and rate of labor injuries per 1,000 persons by year

中華民國97年至109年
From 2008 to 2020

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97年 2008	(40,658)	(37,346)	(2,992)	(320)	8,827,418	(4.606)	(4.231)	(0.339)	(0.036)
	59,657	55,074	3,936	647		6.758	6.239	0.446	0.073
民國98年 2009	(38,206)	(35,317)	(2,588)	(301)	8,902,615	(4.292)	(3.967)	(0.291)	(0.034)
	57,620	53,521	3,469	630		6.472	6.012	0.390	0.071
民國99年 2010	(40,068)	(37,110)	(2,677)	(281)	9,246,243	(4.333)	(4.014)	(0.290)	(0.030)
	61,343	56,973	3,669	701		6.634	6.162	0.397	0.076
民國100年 2011	(40,001)	(36,842)	(2,840)	(319)	9,579,078	(4.176)	(3.846)	(0.296)	(0.033)
	61,788	57,269	3,863	656		6.450	5.979	0.403	0.068
民國101年 2012	(39,275)	(36,193)	(2,769)	(313)	9,769,598	(4.020)	(3.705)	(0.283)	(0.032)
	61,636	57,173	3,839	624		6.309	5.852	0.393	0.064
民國102年 2013	(36,089)	(33,302)	(2,498)	(289)	9,697,958	(3.721)	(3.434)	(0.258)	(0.030)
	58,292	54,133	3,566	593		6.011	5.582	0.368	0.061
民國103年 2014	(34,130)	(31,607)	(2,255)	(268)	9,844,123	(3.467)	(3.211)	(0.229)	(0.027)
	56,697	52,854	3,261	582		5.759	5.369	0.331	0.059
民國104年 2015	(31,967)	(29,558)	(2,146)	(263)	10,017,241	(3.191)	(2.951)	(0.214)	(0.026)
	54,193	50,609	3,005	579		5.410	5.052	0.300	0.058
民國105年 2016	(29,885)	(27,814)	(1,794)	(277)	10,121,779	(2.953)	(2.748)	(0.177)	(0.027)
	51,496	48,356	2,577	563		5.088	4.777	0.255	0.056
民國106年 2017	(28,349)	(26,341)	(1,752)	(256)	10,224,876	(2.773)	(2.576)	(0.171)	(0.025)
	50,387	47,437	2,428	522		4.928	4.639	0.237	0.051
民國107年 2018	(26,997)	(25,039)	(1,706)	(252)	10,337,471	(2.612)	(2.422)	(0.165)	(0.024)
	49,716	46,794	2,378	544		4.809	4.527	0.230	0.053
民國108年 2019	(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
民國109年 2020	(26,778)	(25,110)	(1,422)	(246)	10,504,349	(2.549)	(2.390)	(0.135)	(0.023)
	51,018	48,408	2,091	519		4.857	4.608	0.199	0.049

資料來源：勞工保險局。

說明：1.本表各業包括農林漁牧業，礦業及土石採取業，製造業，電力及燃氣供應業，用水供應及污染整治業，營造業，批發及零售業，運輸及倉儲業，住宿及餐飲業，資訊及通訊傳播業，金融及保險業，不動產業，專業、科學及技術服務業，支援服務業，公共行政及國防；強制性社會安全，教育服務業，醫療保健及社會工作服務業，藝術、娛樂及休閒服務業，其他服務業。

2.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。

3.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。

4.表中傷病不包含職業病之傷病。

5.以給付當年為準。

Data source: Bureau of Labor Insurance

Explanation:

1. Industries of this Table include agriculture, forestry, fishing and animal husbandry, mining and quarrying sectors, manufacturing, electricity and gas supply sectors, water supply and remediation activities, construction sectors, wholesale and retail trade sectors, transportation and storage sectors, accommodation and food service activities, information and communication sectors, financial and insurance activities, real estate activities, professional, scientific and technical activities, support service activities, public administration and defence; compulsory social security, education, human health and social work activities, arts, entertainment and recreation and other service activities.

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

3. 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.

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

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97年至109年
From 2008 to 2020

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
民國109年 2020	(438) 572	(387) 507	(26) 32	(25) 33	335,476	(1.306) 1.705	(1.154) 1.511	(0.078) 0.095	(0.075) 0.098

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97年至109年
From 2008 to 2020

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
民國109年 2020	(16) 21	(14) 19	(1) 1	(1) 1	3,706	(4.317) 5.666	(3.778) 5.127	(0.270) 0.270	(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97年至109年

From 2008 to 2020

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
民國109年 2020	(7,920)	(7,193)	(665)	(62)	3,146,260	(2.517)	(2.286)	(0.211)	(0.020)
	14,268	13,289	842	137		4.535	4.224	0.268	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97年至109年
From 2008 to 2020

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
民國109年 2020	(6,227)	(5,886)	(267)	(74)	672,048	(9.266)	(8.758)	(0.397)	(0.110)
	7,949	7,524	324	101		11.828	11.196	0.482	0.150

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:

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

表 9-9 歷年來全產業勞工 因工災害保險給付件數及金額

Table 9-9 Number of all industries workers receiving insurance payments due to occupational accidents, and amount, by year

中華民國97年 至109年
From 2008 to 2020

年 別 Years	總 計 Total		傷 病 給 付 Injury or sickness benefits		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	件 數 number	金 額 amount	件 數 number	金 額 amount
民國97年 2008	1,519,795	6,109,059,535	55,400	2,242,831,855	4,012	1,058,234,713	671	800,633,444	1,459,712	2,007,359,523
民國98年 2009	959,203	6,910,459,519	53,945	2,392,250,725	3,563	949,167,951	644	668,562,323	901,051	2,900,478,520
民國99年 2010	832,489	7,394,211,381	57,496	2,589,424,249	3,806	991,437,451	752	678,691,231	770,435	3,134,658,450
民國100年 2011	1,501,809	7,472,002,621	57,921	2,718,751,532	4,121	1,057,492,797	928	769,248,380	1,438,839	2,926,509,912
民國101年 2012	1,930,484	7,945,729,710	57,774	2,720,161,010	4,212	1,140,306,514	1,003	720,468,030	1,867,495	3,364,794,156
民國102年 2013	1,255,212	6,929,259,459	54,684	2,442,778,998	3,939	1,101,832,320	1,060	697,666,852	1,195,529	2,686,981,289
民國103年 2014	1,513,649	7,011,556,244	53,378	2,339,364,507	3,654	1,074,710,421	1,161	687,117,185	1,455,456	2,910,364,131
民國104年 2015	1,556,835	6,963,299,760	51,304	2,329,142,094	3,480	914,623,329	1,295	706,938,811	1,500,756	3,012,595,526
民國105年 2016	1,588,109	6,598,941,437	48,900	2,274,032,334	3,006	852,295,967	1,388	696,686,445	1,534,815	2,775,926,691
民國106年 2017	1,677,386	6,605,765,733	47,901	2,145,190,399	2,894	817,667,235	1,506	696,648,081	1,625,085	2,946,260,018
民國107年 2018	1,896,490	6,792,344,109	47,372	2,037,623,974	2,917	848,576,128	1,676	743,818,673	1,844,525	3,162,325,334
民國108年 2019	1,995,850	6,919,377,557	47,265	2,043,240,185	2,725	788,757,905	1,729	679,921,211	1,944,131	3,407,458,256
民國109年 2020	2,034,785	7,352,338,889	49,272	2,195,077,512	2,799	884,686,964	1,957	739,587,925	1,980,757	3,532,986,488

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

表 9-10 歷年來農、林、漁、牧業勞工因工災害保險給付件數及金額

Table 9-10 Number of workers in agriculture, forestry, fishing and animal husbandry receiving insurance payments due to occupational accidents, and amount, by year

中華民國97年 至109年
From 2008 to 2020

年 別 Years	總 計 Total		傷 病 給 付 Injury or sickness benefits		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	件 數 number	金 額 amount	件 數 number	金 額 amount
民國97年 2008	15,973	116,253,884	478	26,763,499	69	16,474,585	59	55,139,063	15,367	17,876,737
民國98年 2009	9,306	131,088,120	573	30,581,710	67	15,959,641	64	56,757,703	8,602	27,789,066
民國99年 2010	25,163	136,543,855	584	40,805,403	75	20,573,197	45	39,566,765	24,459	35,598,490
民國100年 2011	21,567	131,620,402	594	40,106,769	75	19,704,129	37	37,158,871	20,861	34,650,633
民國101年 2012	24,865	137,773,145	583	42,483,017	76	15,932,151	45	42,586,706	24,161	36,771,271
民國102年 2013	16,967	145,485,549	516	35,526,569	76	21,720,478	60	54,806,085	16,315	33,432,417
民國103年 2014	22,639	119,245,596	512	33,390,744	72	21,687,778	42	29,579,650	22,013	34,587,424
民國104年 2015	24,087	128,725,036	454	30,005,623	51	14,038,978	69	51,247,027	23,513	33,433,408
民國105年 2016	24,686	119,006,867	452	29,635,524	53	16,251,457	61	38,096,308	24,120	35,023,578
民國106年 2017	28,153	131,203,360	422	25,457,054	55	14,093,220	80	55,041,100	27,596	36,611,986
民國107年 2018	33,054	120,957,052	407	23,315,982	48	11,232,285	80	45,506,976	32,519	40,901,809
民國108年 2019	33,314	138,171,814	429	29,077,602	39	11,292,538	88	53,158,306	32,758	44,643,368
民國109年 2020	34,774	126,492,816	520	26,512,684	44	11,024,277	91	38,610,659	34,119	50,345,196

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

表 9-11 歷年來礦業及土石採取業 勞工因工災害保險給付件數及金額

Table 9-11 Number of mining and quarrying sectors workers receiving insurance payments due to occupational accidents, and amount, by year

中華民國97年 至109年
From 2008 to 2020

年 別 Years	總 計 Total		傷 病 給 付 Injury or sickness benefits		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	件 數 number	金 額 amount	件 數 number	金 額 amount
民國97年 2008	874	5,947,835	29	1,505,012	2	621,900	1	1,890,000	842	1,930,923
民國98年 2009	691	6,256,232	37	2,013,892	6	1,933,440	-	-	648	2,308,900
民國99年 2010	1,142	12,774,175	44	3,066,811	5	1,306,248	2	3,001,500	1,091	5,399,616
民國100年 2011	1,050	14,744,700	30	2,890,326	23	5,711,643	2	2,334,000	995	3,808,731
民國101年 2012	1,201	10,115,090	43	2,267,623	12	2,571,339	3	2,594,700	1,143	2,681,428
民國102年 2013	652	7,943,074	39	2,017,787	12	3,362,721	-	-	601	2,562,566
民國103年 2014	682	11,779,131	23	2,041,107	13	4,376,061	4	3,534,267	642	1,827,696
民國104年 2015	600	11,117,180	26	1,391,182	17	4,974,510	4	3,077,946	553	1,673,542
民國105年 2016	645	5,801,978	16	1,151,176	8	2,353,416	4	680,076	617	1,617,310
民國106年 2017	565	6,106,562	17	945,085	3	733,650	4	2,798,456	541	1,629,371
民國107年 2018	721	7,232,780	30	1,852,352	7	1,755,663	4	2,457,456	680	1,167,309
民國108年 2019	985	11,145,831	28	2,300,216	6	2,860,827	5	2,647,956	946	3,336,832
民國109年 2020	788	7,491,534	20	2,143,478	3	572,607	3	1,845,456	762	2,929,993

資料來源：勞工保險局。

Data source: Bureau of Labor Insurance

表 9-12 歷年來製造業勞工因 工災害保險給付件數及金額
Table 9-12 Number of manufacturing workers receiving insurance payments due to occupational accidents, and amount, by year

中華民國97年 至109年
From 2008 to 2020

年 別 Years	總 計 Total		傷 病 給 付 Injury or sickness benefits		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	件 數 number	金 額 amount	件 數 number	金 額 amount
民國97年 2008	685,139	2,339,118,729	21,557	741,467,777	1,977	450,067,505	202	255,798,550	661,403	891,784,897
民國98年 2009	479,530	2,577,389,001	18,949	734,768,178	1,672	396,485,726	173	193,408,730	458,736	1,252,726,367
民國99年 2010	755,063	2,614,277,645	20,590	771,642,391	1,782	399,003,834	222	215,668,813	732,469	1,227,962,607
民國100年 2011	631,758	2,669,641,938	20,288	821,035,018	1,862	434,477,667	302	255,223,059	609,306	1,158,906,194
民國101年 2012	824,111	2,845,183,400	19,481	804,345,616	1,871	464,717,666	322	238,554,081	802,437	1,337,566,037
民國102年 2013	558,504	2,486,968,988	18,456	757,487,678	1,760	452,840,878	330	207,077,381	537,958	1,069,563,051
民國103年 2014	629,968	2,443,152,324	17,509	716,919,230	1,584	425,016,442	360	198,314,531	610,515	1,102,902,121
民國104年 2015	637,630	2,411,106,127	16,201	691,090,834	1,524	375,938,242	391	210,546,386	619,514	1,133,530,665
民國105年 2016	626,613	2,229,832,571	14,749	651,414,424	1,314	341,551,202	431	215,519,970	610,119	1,021,346,975
民國106年 2017	668,765	2,232,606,611	13,957	621,912,297	1,253	319,551,891	454	190,479,711	653,101	1,100,662,712
民國107年 2018	723,680	2,301,104,220	13,691	591,201,570	1,225	350,444,063	543	240,319,677	708,221	1,119,138,910
民國108年 2019	773,408	2,288,151,817	13,235	563,623,623	1,083	293,361,708	539	212,575,213	758,551	1,218,591,273
民國109年 2020	749,600	2,390,580,934	13,554	614,520,159	1,075	333,674,592	592	225,667,042	734,379	1,216,719,141

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

表 9-13 歷年來營造業勞工 因工災害保險給付件數及金額

Table 9-13 Number of construction workers receiving insurance payments due to occupational accidents, and amount, by year

中華民國97年 至109年
From 2008 to 2020

年 別 Years	總 計 Total		傷 病 給 付 Injury or sickness benefits		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	件 數 number	金 額 amount	件 數 number	金 額 amount
民國97年 2008	167,961	1,122,381,057	11,174	538,250,163	604	186,314,890	119	134,046,385	156,064	263,769,619
民國98年 2009	96,897	1,336,798,422	10,979	575,597,145	590	185,703,365	120	127,165,679	85,208	448,332,233
民國99年 2010	202,867	1,325,023,366	11,107	609,673,083	566	174,109,231	116	103,569,106	191,078	437,671,946
民國100年 2011	159,183	1,358,423,899	11,183	643,824,431	637	169,396,877	163	136,392,251	147,200	408,810,340
民國101年 2012	207,767	1,427,013,101	10,950	624,421,025	666	205,113,413	176	130,949,201	195,975	466,529,462
民國102年 2013	122,979	1,209,895,164	9,953	532,044,296	553	168,805,694	184	125,335,722	112,289	383,709,452
民國103年 2014	145,324	1,220,843,244	9,471	497,380,877	585	192,547,675	213	140,402,230	135,055	390,512,462
民國104年 2015	144,090	1,159,240,647	9,029	495,092,308	508	141,338,145	220	123,339,256	134,333	399,470,938
民國105年 2016	145,157	1,090,268,997	8,474	482,951,839	473	143,825,069	216	109,313,005	135,994	354,179,084
民國106年 2017	143,228	1,037,862,185	7,931	423,320,812	423	136,433,807	242	114,399,701	134,632	363,707,865
民國107年 2018	152,929	994,853,366	7,544	372,064,212	435	138,239,810	265	124,400,720	144,685	360,148,624
民國108年 2019	152,766	948,995,300	7,420	359,953,347	367	102,782,774	274	111,939,616	144,705	374,319,563
民國109年 2020	153,959	1,047,315,118	7,666	384,376,827	434	147,687,120	316	134,060,467	145,543	381,190,704

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