

# Annual Report of Labor Inspection Statistics in 2021

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## **State of Labor Inspection Implementation in 2021**

### **I. Labor situation**

Based on the 2016 Industry, Commerce and Service Census made by 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 1,007,991 registered business enterprises in Taiwan.

The total of 1,007,991 enterprises registered as hiring workers under the Labor Standards Act employed more than 8.791 million workers, of which 226,510 enterprises were in Taiwan Province, and accounted for 22.471% of the total; 173,958 enterprises were in New Taipei City, and accounted for 17.258% of the total; 168,712 enterprises were in Taipei City, and accounted for 16.737% of the total; 88,320 enterprises were in Taoyuan City, and accounted for 8.762% of the total; 164,457 enterprises were in Taichung City, and accounted for 16.315% of the total; 70,036 enterprises were in Tainan City, and accounted for 6.948% of the total, and 115,998 enterprises were in Kaohsiung City, and accounted for 11.508% 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, 2,824 enterprises were in the chief industries subject to the Occupational Safety and Health Act, which comprised agriculture, forestry, fishing, and animal husbandry, 318 enterprises comprised mining and quarrying, 152,585 enterprises comprised manufacturing, 692 enterprises comprised electricity and gas supply, 4,860 enterprises comprised water supply and remediation activities, 99,536 enterprises comprised construction, and 23,309 enterprises comprised transportation and storage.

### **II. State of labor inspection implementation**

#### **1. Total number of inspections**

Labor inspection implementation approaches included working condition case inspections, occupational sanitation 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 sanitation and safety facilities).

A total of 34,431 inspections of working conditions were conducted in 2021, and these inspections uncovered 5,939 violations; the penalty rate was 18.92%, and fines totaled NT\$312,020,000.

Of the total of 34,431 inspections of working conditions, 8,046 inspections took place in Taipei City, and these inspections uncovered 990 violations; 3,131 inspections took place in New Taipei City, and these inspections uncovered 1,185 violations; 3,108 inspections took place in Taoyuan City, and these inspections uncovered 759 violations; 2,141 inspections took place in Taichung City, and these inspections uncovered 622 violations; 2,936 inspections took place in Tainan City, and these inspections uncovered 495 violations; 2,370 inspections took place in Kaohsiung City, and these inspections uncovered 994 violations; 517 inspections took place in Yilan County, and these inspections uncovered 30 violations; 954 inspections took place in Hsinchu County, and these inspections uncovered 55 violations; 676 inspections took place in Miaoli County, and these inspections uncovered 25 violations; 1,116 inspections took place in Changhua County, and these inspections uncovered 194 violations; 287 inspections took place in Nantou County, and these inspections uncovered 66 violations; 785 inspections took place in Yunlin County, and these

inspections uncovered 66 violations; 705 inspections took place in Chiayi County, and these inspections uncovered 21 violations; 953 inspections took place in Pingtung County, and these inspections uncovered 102 violations; 106 inspections took place in Taitung County, and these inspections uncovered 44 violations; 454 inspections took place in Hualien County, and these inspections uncovered 55 violations; 201 inspections took place in Penghu County, and these inspections uncovered 6 violations; 524 inspections took place in Keelung City, and these inspections uncovered 39 violations; 579 inspections took place in Hsinchu City, and these inspections uncovered 26 violations; 782 inspections took place in Chiayi City, and these inspections uncovered 27 violations; 25 inspections took place in Kinmen County, and these inspections uncovered 5 violations; 66 inspections took place in Lianjiang County, and these inspections uncovered 1 violations; 216 inspections took place in Export Processing Zone, and these inspections uncovered 25 violations; 167 inspections took place in Hsinchu Science Park, and these inspections uncovered 59 violations; 69 inspections took place in Central Taiwan Science Park, and these inspections uncovered 25 violations; 85 inspections took place in Southern Taiwan Science Park, and these inspections uncovered 23 violations; The Occupational Safety and Health Center in northern Taiwan conducted 972 inspections, of which 190 inspections were referred to the competent authority; the Occupational Safety and Health Center in central Taiwan conducted 1,065 inspections, of which 141 inspections were referred to the competent authority and the Occupational Safety and Health Center in southern Taiwan conducted 1,395 inspections, of which 245 inspections were referred to the competent authority.

In 2021, inspection organizations conducted 164,585 occupational sanitation and safety inspections of enterprises, 33,188 jack-up elevator inspections (including 29,098 periodic inspections conducted by commissioned agencies), 6,109 boiler inspections (including 5,342 periodic inspections conducted by commissioned agencies); 29,085 pressure vessel (type 1) inspections (including 25,781 periodic inspections conducted by commissioned agencies); 32,529 specific equipment for high pressure gases inspections (including 28,642 periodic inspections conducted by commissioned agencies) and 4,414 high pressure gas vessel inspections (including 4,225 periodic inspections conducted by commissioned agencies). In the case of mining, the scope of inspection scope included all coal mines, and 807 inspections focusing on pit safety inspection were conducted; 8 working condition inspections and 107 sanitation inspections were also implemented during 2021.

## 2. Situation of enterprises receiving inspections

A total of 128,860 units (companies) were inspected in 2021: the 22,652 enterprises in Taipei City that were inspected accounted for 17.58% of the total; 14,852 enterprises in Kaohsiung City for 11.53%; 11,281 enterprises in New Taipei City for 8.75%; 12,183 enterprises in Taoyuan City for 9.45% and 7,965 enterprises in Taichung City for 6.18%.

By type of industry, the 45,379 enterprises in construction engineering accounted for 35.22% of the total, followed by the 36,448 enterprises in the manufacturing for 28.28%, and the 12,135 enterprises in the wholesale and retail trade for 9.42% and 5,634 enterprises in the transportation and storage for 4.37%.

### (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 34,431 working condition inspections were conducted in 2021 (including 32,649 preliminary investigations and 1,782 reexaminations), of which preliminary investigations accounted for 94.82%, and the reexamination ratio was 5.18%, the reexamination rate was 5.46%, and the enterprise spot check rate was 3.42%; of these

inspections, 3,432 were conducted by this Administration's three regional centers. The 216 inspections were conducted in export processing zone; 167 inspections were conducted in Hsinchu Science Park; 69 inspections were conducted in Central Taiwan Science Park and 74 inspections were conducted in Southern Taiwan Science Park.

- b. Of the total of 34,431 working condition inspections, 7,555 uncovered violations of laws and regulations, a total of 10,681 violations were found. And 10,557 of these constituted violations of the Labor Standards Act; 7 of these constituted violations of the Employment Service Act; 2 of these constituted violations of the Employment Service Act; 58 of these constituted violations of the Employee Welfare Fund Act; 22 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 139 inspections of agriculture, forestry, fishing, and animal husbandry enterprises uncovered 49 violations in 34 inspections; 8 inspections of mining and quarrying uncovered 5 violations in 3 inspections; 7,932 inspections of manufacturing uncovered 2,268 violations in 1,635 inspections; 71 inspections of electricity and gas supply uncovered 19 violations in 13 inspections; 149 inspections of water supply and remediation activities uncovered 58 violations in 38 inspections; 1,154 inspections of construction engineering uncovered 525 violations in 386 inspections; 5,754 inspections of wholesale and retail trade uncovered 2,151 violations in 1,576 inspections; 3,012 inspections of transportation and storage uncovered 768 violations in 514 inspections, 4,067 inspections of accommodation and food service activities uncovered 1,592 violations in 1,057 inspections; 863 inspections of Publishing, Audio and Video Production, Broadcasting, Information and Communication uncovered 260 violations in 233 inspections; 985 inspections of financial and insurance activities uncovered 176 violations in 151 inspections; 359 inspections of real estate activities uncovered 154 violations in 112 inspections; 936 inspections of professional, scientific and technical activities uncovered 364 violations in 281 inspections; 1,902 inspections of support service activities uncovered 814 violations in 540 inspections; 63 inspections of public administration and defense; compulsory social security uncovered 8 violations in 7 inspections; 1,146 inspections of education uncovered 225 violations in 172 inspections; 3,883 inspections of human health and social work activities uncovered 658 violations in 442 inspections; 963 inspections of arts, entertainment and recreation activities uncovered 157 violations in 105 inspections and 1,045 inspections of other service activities uncovered 430 violations in 256 inspections.
- d. In analysis by region, the 8,046 inspections in Taipei City uncovered 2,369 violations; the 3,131 inspections in New Taipei City uncovered 1,939 violations; 3,108 inspections in Taoyuan City uncovered 1,063 violations; 2,141 inspections in Taichung City uncovered 841 violations; 2,936 inspections in Tainan City uncovered 694 violations; 2,370 inspections in Kaohsiung City uncovered 1,732 violations; 517 inspections in Yilan County uncovered 63 violations; 954 inspections in Hsinchu County uncovered 82 violations; 676 inspections in Miaoli County uncovered 50 violations; 1,116 inspections in Changhua County uncovered 244 violations; 287 inspections in Nantou County uncovered 95 violations; 785 inspections in Yunlin County uncovered 95 violations; 705 inspections in Chiayi County uncovered 22 violations; 953 inspections in Pingtung County uncovered 128 violations; 106 inspections in Taitung County uncovered 53 violations; 454 inspections in Hualien County uncovered 103 violations; 201 inspections in Penghu County uncovered 12 violations; 524 inspections in Keelung City uncovered 48 violations; 579 inspections in Hsinchu City uncovered 34 violations; 782 inspections in Chiayi City uncovered 25 violations; 25 inspections in Kinmen County uncovered 6 violations; 66 inspections in Lianjiang County uncovered 5

violations; 216 inspections in Export Processing Zone uncovered 42 violations; 167 inspections in Hsinchu Science Park uncovered 75 violations; 69 inspections in Central Taiwan Science Park uncovered 40 violations and 85 inspections in Southern Taiwan Science Park uncovered 26 violations.

- e. With regard to violations of the Labor Standards Act, violations of overtime wage regulations in Article 24 numbered 2,208, making them the most numerous type of violation, and accounted for 20.67% of the total; followed by violations of extension of working hours in Article 32 numbered 1,315, and accounted for 12.31% of the total; then is the violation of regular working time in Article 30 numbered 1,254, and accounted for 11.74% 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 1,134, and accounted for 10.62% of the total.
- f. Of the 32,649 preliminary investigations conducted in working condition inspection cases, inspection uncovered discovered a total of 10,440 violations of laws and regulations. And 10,320 of these constituted violations of the Labor Standards Act, 7 of these constituted violations of the Employment Service Act, 2 of these constituted violations of the Employee Welfare Fund Act, 56 of these constituted violations of the Labor Insurance Act, 22 of these constituted violations of the Labor Pension Act, and 33 of these constituted violations of the Labor Inspection Act.
- g. Among failing items constituting violations of the Labor Standards Act found in preliminary investigations, 3,347 inspections (10.25%) found 3,942 violations wage-related matters in Articles 21 through 28, which was the most numerous type of violation. Followed by 2,496 inspections (7.64%) found 2,661 violations matters regarding hours of work in Articles 30 through 34; then 2,090 inspections (6.40%) found 2,464 violations matters regarding hours of work in Articles 35 through 43; 915 inspections (2.80%) found 915 violations matters regarding hours of work in Articles 74 and 83.
- h. 1,782 reexaminations of enterprise working condition inspection were conducted , and these inspections uncovered 241 cases in which substandard working condition constituting violations of laws and regulations. And 237 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, 2 of these constituted violations of the Labor Insurance Act, 0 of these constituted violations of the Labor Pension Act, and 2 of these constituted violations of the Labor Inspection Act.
- i. As for failing matters constituting violations of the Labor Standards Act found in reexaminations, 69 reexaminations (3.87%) found 79 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 61 reexaminations (3.42%) found 78 wage-related violations of Articles 21 through 28; then 43 reexaminations (2.41%) found 53 violation of Articles 35 to 43 concerning rest and vacation matters.
- j. 9,071 enterprise working condition appeal inspections were conducted, in which 6,737 violations of laws and regulations were uncovered, and 6,718 of these constituted violations of the Labor Standards Act; 6 of these constituted violations of the Employment Service Act, 1 of these constituted violations of the Employee Welfare Fund Act, 1 of these constituted violations of the Labor Insurance Act, 0 of these

constituted violations of the Labor Pension Act and 11 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, 2,412 inspections (26.59%) uncovered 2,879 violations of Articles 21 through 28 of the Act, which constituted the most numerous type of violation, followed by 1,708 inspections (18.83%) uncovered 1,822 violations of Articles 30 through 34 of the Act, and 1,454 inspections (16.03%) uncovered 1,771 violations of Articles 35 through 43 of the Act.
- (2) Occupational sanitation and safety inspections results:
- a. A total of 164,585 occupational sanitation and safety inspections of enterprises were conducted in 2021 (including 135,152 preliminary investigations and 29,433 reexaminations), of which the preliminary investigations ratio was 82.12%, the reexamination ratio was 17.88%, and the reexamination rate was 21.78%. Among these inspections, 70,065 were conducted by three administration regional centers (60,673 preliminary investigations and 9,392 reexaminations); 24,435 were conducted by Taipei City Labor Inspection Office (15,790 preliminary investigations and 8,645 reexaminations); 11,059 were conducted by Labor standards Inspection Office, New Taipei City Government (10,028 preliminary investigations and 1,031 reexaminations); 13,944 were conducted by Office of Labor Inspection, Taoyuan (12,241 preliminary investigations and 1,703 reexaminations); 11,836 were conducted by Taichung City Labor Inspection Office (10,196 preliminary investigations and 1,640 reexaminations); 5,903 were conducted by Occupational Safety and Health Department, Labor Affairs Bureau of Tainan City Government (5,094 preliminary investigations and 809 reexaminations); 22,581 were conducted by Labor Standards Inspection Office, Labor Affairs Bureau, Kaohsiung City Government (17,224 preliminary investigations and 5,357 reexaminations); 1,620 were conducted by export processing zone (1,298 preliminary investigations and 322 reexaminations); 1,230 were conducted by Hsinchu Science Park (999 preliminary investigations and 231 reexaminations); 918 were conducted by Central Taiwan Science Park (782 preliminary investigations and 136 reexaminations); 994 were conducted by Southern Taiwan Science Park (827 preliminary investigations and 167 reexaminations)
  - b. 135,152 preliminary investigations of enterprise occupational sanitation and safety inspection are conducted, and a total of 125,580 violations of laws and regulations were uncovered in these inspections, of which the 65,619 violations of article 6 of the Occupational Safety and Health Act found in 30,099 inspections accounted for 22.27% of the total and for the most numerous type of violation; followed by the 27,337 violations of Paragraph 1, Article 23 of the Occupational Safety and Health Act found in 20,096 inspections accounted for 14.87%; the 11,882 violations of Article 32 of the Occupational Safety and Health Act found in 10,263 inspections accounted for 7.59%; the 6,044 violations of Article 34 of the Occupational Safety and Health Act found in 6,044 inspections accounted for 4.47%; the 6,703 violations of Article 10 of the Occupational Safety and Health Act found in 4,882 inspections accounted for 3.61%; the 2,696 violations of Article 20 of the Occupational Safety and Health Act found in 2,441 inspections accounted for 1.81%; the 912 violations of Article 22 of the Occupational Safety and Health Act found in 855 inspections accounted for 0.63%; the 1,896 violations of Article 27 of the Occupational Safety and Health Act found in 726 inspections accounted for 0.54%.
  - c. Among failing matters constituting violations of Article 6 of the Occupational Safety and Health Act found in preliminary investigations, 19,332 instances of other deficiencies were found in 13,914 inspections (10.30%), and constituted the most

numerous type of violation; a total of 16,881 deficiencies in physical and mental health protection measures of laborers were found in 6,247 inspections (4.62%), and constituted the second most numerous type of violation. Followed by a total of 4,929 deficiencies in prevention of falling and falling objects accident were found in 3,960 inspections (2.93%); a total of 4,606 deficiencies in safety facilities of electric apparatus were found in 3,850 inspections (2.85%); a total of 3,510 deficiencies in special machinery or equipment specified as dangerous were found in 2,867 inspections (2.12%); a total of 3,139 deficiencies in deficiencies in workplaces and passageways were found in 2,707 inspections (2.00%); a total of 3,077 deficiencies in other hazard prevention equipment were found in 2,693 inspections (1.99%); a total of 2,129 deficiencies in safety equipment of general machine were found in 1,943 inspections (1.44%); a total of 1,982 deficiencies in scaffold and working platform were found in 1597 inspections (1.18%); a total of 1,358 deficiencies in labor protection were found in 1,296 inspections (0.96%); a total of 1,124 deficiencies in safety equipment of jack-up elevator were found in 904 inspections (0.67%); a total of 926 deficiencies in safety equipment against explosion, fire and corrosion prevention in hazardous areas were found in 846 inspections (0.63%); a total of 667 deficiencies in safety equipment of boiler and pressure vessel (steam) were found in 632 inspections (0.47%); a total of 545 deficiencies in strut were found in 508 inspections (0.38%); a total of 447 deficiencies in safety equipment of centrifugal separator, grinding machine, mixer and chaser mill were found in 437 inspections (0.32%).

- d. There were 29,433 reexaminations in enterprises occupational sanitation and safety inspection cases, and of the 14,896 items for which enterprises had provided notification of improvement after failing preliminary investigations, reexamination found improvement had been made in 13,803 cases, for an improvement rate of 92.66%. Of these, in 2 cases in which notification of improvement was made for violation of article 8 of Occupational Safety and Health Act involving without qualification label or type certification is not issued by a certification body authorized by the central competent authority, and 2 improvement was made in these cases, for an improvement rate of 100.00%. In 29 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 these 29 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 this 1 case, for an improvement rate of 100.00%.

In 49 cases in which notification of improvement was made for violations of Article 26 of the Occupational Safety and Health Act involving that business entities shall inform safety and health items, improvements had been made in 48 cases, for an improvement rate of 97.76% (first); In 3,453 cases in which notification of improvement was made for violations of Item 1 of Article 23 of the Occupational Safety and Health Act involving establishment safety and health organizations, improvements had been made in 3,284 cases, for an improvement rate of 97.76% (second); In 19 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 18 cases, for an improvement rate of 94.74%. (third) In 662 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 627 cases, for an improvement rate of 94.71%. (fourth) ; In 1,237 cases in which notification of improvement was made for violations



of Article 32 of the Occupational Safety and Health Act involving safety and health education and training, improvements had been made in 1,167 cases, for an improvement rate of 94.34%. (fifth); In 26 cases in which notification of improvement was made for violations of Article 21 of the Occupational Safety and Health Act involving health management measures, health examination manuals and other rules shall be followed, improvements had been made in 24 cases, for an improvement rate of 92.31%.; In 64 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 59 cases, for an improvement rate of 92.19%. Article 6 of Occupational Safety and Health Act are divided in 8 parts with the highest improvement rate, which are deficiency of safety equipment of stamping machine and cutting machine, which had 2 cases of notification to improve and 2 had been improved (100%), and deficiency of scaffold support, which had 55 cases of notification to improve and 55 had been improved (100%). Of the 2 cases of working environment deficiency violations, improvements had been made in all 2 cases, for an improvement rate of 100.00%; of the 7 cases of hazardous and deleterious substances deficiency violations, improvements had been made in all 7 cases, for an improvement rate of 100.00%; of the 5 cases of noise treatment and prevention deficiency violations, improvements had been made in all 5 cases, for an improvement rate of 100.00%; of the 13 cases of lighting deficiency violations, improvements had been made in all 13 cases, for an improvement rate of 100.00%; of the 6 cases of drinking water deficiency violations, improvements had been made in all 6 cases, for an improvement rate of 100.00%; of the 1 case of restaurant, kitchen and rest deficiency violations, improvements had been made in 1 case, 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 these 2 cases, for an improvement rate of 50.00%, which was the lowest rate. of the 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, improvement was made in 2 cases, for an improvement rate of 66.67%, which was the second lowest rate. Article 6 of Occupational Safety and Health Act are divided in 2 parts with the lowest improvement rate, which are deficiency of safety of scaffolding, which had 212 cases of notification to improve and 164 had been improved (77.36%), and deficiency of safety of working machine and wood processing machinery, which had 42 cases of notification to improve and 33 had been improved (78.57%)

(3) State of handling of workers' appeal and petition cases:

a. Workers' appeal cases numbered was 6,957 in 2021, and 5,489 of these constituted appeals concerning labor standards; 1,302 of these constituted appeals concerning Occupational Safety and Health; 20 of these constituted appeals concerning employment service; 263 of these constituted appeals concerning Employee Welfare Fund; 276 of these constituted appeals concerning Labor Insurance; 357 of these constituted appeals concerning comprehensive issues.

b. State of handling of inspection results:

Administrative fines were assessed under the Labor Standards Act in 3,581 cases, and judiciary investigation in 1 cases; administrative fines were assessed under the Occupational Safety and Health Act in 41 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 6 case; and judiciary investigation in 1 cases.

- (4) State of working condition inspections:
- a. A total of 5,027 inspections were completed during 2021. Of these, working condition cases involving railway transportation and mass rapid transit system transportation industry numbered 20; working condition cases involving trucking industry numbered 803; project inspection cases involving the automobile passenger transport (including national highways and ordinary highways) industry 140; working condition cases involving sightseeing bus passenger transport industry numbered 204; working condition cases involving public utilities numbered 30; working condition cases involving training student and some man-hours labors numbered 1,537; working condition cases involving human supply and composite support service industry numbered 110; working condition cases involving financial service industry numbered 300; working condition cases involving IC components manufacturing industry numbered 198; working condition cases involving security industry numbered 100; working condition cases involving kindergarten numbered 120; working condition cases involving medical institution numbered 50; working condition cases involving social work services industry numbered 105; working condition cases involving COVID-19 relief and economic stimulus package numbered 100.
  - b. A total of 1,498 violations of laws and regulations were uncovered in inspections of enterprises' working conditions, of which 1,492 constituted violations of the Labor Standards Act; 0 constituted violations of the Act of Gender Equality in Employment; 0 constituted violations of the Labor Pension Act ; 2 constituted violations of the Employee Welfare Fund Act and 4 constituted violations of Labor Inspection Act.
  - c. State of handling of inspection results: there were of 1,099 violations; fines were assessed in 1,007 cases; judiciary investigation were assessed in 0 cases; the penalty rate was 21.86%.
- (5) Status of child workers and adolescents in working condition inspections:
- a. In 2021, for a total of 1,762 child and adolescent worker working condition violations, including 1,761 of part-time workers working condition inspections and 1 of COVID-19 relief and economic stimulus package inspection, total ; of these, 0 involved persons under the age of 15, 16 involved persons between the ages of 15 and 16, and 1,746 involved persons between the ages of 16 and 18.
  - b. A total of 17 violations of laws and regulations were found, including 3 most types of cases, which are violations of Article 24 of Labor Standards Act , overtime working wedge, Article 36, regular days off, and Article 83, without worker-employer meeting.
- (6) Occupational sanitation and safety case inspections:
- a. A total of 143,399 inspections were completed during 2021 (including 116,559 preliminary investigations and 26,840 reexaminations). Of these, 1,071 inspections were conducted under joint checking plans by ministries and associations; project inspection cases involving Spring safety inspection plan numbered 15,286, project inspection cases involving used or adjacent road operations numbered 8,121; inspection plan of disability accident prevention numbered 34,395; unity project inspection cases involving safety numbered 24, preventing falls from roofs numbered 7,250 ; safety and health inspection of outer wall cleaning numbered 480; advocacy and coaching plan of high-risk business entity numbered 20,415; prevention of fire and explosion numbered 9,401; OSH project inspection of cooperative education numbered 15; Inspection plan of occupational environmental monitoring business project numbered 1,287; OSH

supervision inspection of internship organizations numbered 25; supervision inspection plan of state-owned enterprises numbered 3,334; intensification of accident prevention plan of fire explosion in PCB factory numbered 71; joint safety inspection plan for high risk factories by ministries and associations numbered 57; safety plan of open excavation such as pipe trench and road numbered 3,092; project inspection cases involving the supervision and inspection plan for foreign immigrant worker education and training numbered 3,144, project inspection cases involving occupational safety and health of foreign immigrant workers numbered 6,770, dynamic check plan numbered 21,685; EEP project plan numbered 1,334; project inspection of decoration engineering numbered 2,884; strategies against dropping of construction industry numbered 30,033; project inspection of new high-tech workshops numbered 391; decoration inspection of completed building numbered 101; improvement plan for inspection and coating of small and medium-sized construction sites numbered 10; Recheck plan for Class A, B and C hazardous workplaces on site numbered 1,157; plans for the operation besides water numbered 951; 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 8; construction engineering supervision and safety essence promoting project numbered 31,661, project of raising the amount of construction engineering supervision numbered 66,701, under-50-million NT dollars construction engineering supervision numbered 22,889, railway safety and health improvement inspection project numbered 1,184, project plan of occupational disease prevention numbered 16,908; prevention inspection for high temperature hazard for the outdoor work in summer numbered 16,651; project inspection of health service items handled for health care workers employed by public institutions numbered 3,374; project inspection of labor workers' physical and mental health numbered 5,478; project inspection cases involving the guidance plan for suspected occupational diseases investigation numbered 152; accurate inspection plan numbered 9,166; supervision plan for QC inspection of dangerous machinery & equipment numbered 295; project plan of dangerous machinery & equipment numbered 4,494; project plan of high pressure gas numbered 583; supervision inspection of quality of inspection agencies numbered 4,219; application for extension and replacement of hazardous equipment numbered 24; inspection plan for crane safety management numbered 2,735; safety project plan of tank car filling and dismantling numbered 31; check and supervision of elevator clearing numbered 3,624; work plan for "assisting employers' improvement of labor safety & health facilities and working environment as well as employment intention, creating local job" numbered 37,529.

- b. There was a total of 128,646 enterprises inspection of occupational safety and health project, and a total of 69,364 violations of Article 6 of the Occupational Safety and Health Act for the most numerous type of violation. The following were 28,132 violations of Article 23 of the Occupational Safety and Health Act; 10,902 violations of Article 32 of the Occupational Safety and Health Act.

3. State of oversight of establishment of sanitation and safety organizations and personnel  
 Current state of oversight of the establishment of sanitation and safety organizations and personnel: Of the 2,473 factories with over 100 persons that were inspected and listed for management, 447 (18.08%) have established sanitation and safety organizations in accordance with regulations. Of the 5,232 of other enterprises with over 100 persons that were inspected and listed for management, 735 (14.05%) have established sanitation and safety organizations in accordance with regulations. Of the 3,216 of factories with 30 to 100 persons that were inspected and listed for management, 377 (11.72%) have established sanitation and safety organizations in accordance with regulations. Of the 6,741 of other enterprises with 30 to 100 persons that were

inspected and listed for management, 607 (9.00%) have established sanitation 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 2021, working conditions were inspected at 34,431 enterprises, and occupational health & safety inspections were conducted at 164,585 enterprises; of these violations of the Labor Standards Act were referred to the competent authority and 5,936 cases, and fines were assessed in 6,512 cases, which constituted a penalty rate of 18.92%, and 3 cases to judicial authority for investigation. Violations of the Occupational Safety and Health Act were 10,104 cases, which constituted a penalty rate of 6.14%, fines were assessed in 7,818 cases, partial work stoppage in 2,080 cases, full work stoppage in 8 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 2021, there were 33,188 jack-up elevator inspections, of which preliminary investigations numbered 31,982 instances (including 28,196 preliminary investigations in periodic inspection cases) and 1,206 reexaminations, giving a reexamination rate of 3.77% (902 reexaminations were conducted in periodic inspection cases).

Of them, 19,377 inspections were conducted in the Taiwan & Fuchien Area (including 18,619 preliminary investigations and 758 reexaminations; preliminary investigations in periodic inspection cases numbered 16,278 and reexaminations numbered 546); 1,421 inspections were conducted by Taipei City Labor Inspection Office (including 1,359 preliminary investigations and 62 reexaminations; preliminary investigations in periodic inspection cases numbered 1,055 and reexaminations numbered 51); 4,516 inspections were conducted by Taichung City Labor Inspection Office (including 4,386 preliminary investigations and 130 reexaminations; preliminary investigations in periodic inspection cases numbered 3,962 and reexaminations numbered 97); 7,350 inspections were conducted by Kaohsiung City Labor Inspection Office (including 7,104 preliminary investigations and 246 reexaminations; preliminary investigations in periodic inspection cases numbered 6,470 and reexaminations numbered 202); 125 inspections were conducted by Export Processing Zone (including 121 preliminary investigations and 4 reexaminations; preliminary investigations in periodic inspection cases numbered 113 and reexaminations numbered 3); 38 inspections were conducted by Hsinchu Science Park (including 37 preliminary investigations and 1 reexaminations; preliminary investigations in periodic inspection cases numbered 31 and reexaminations numbered 1); 191 inspections were conducted by Central Taiwan Science Park (including 187 preliminary investigations and 4 reexaminations; preliminary investigations in periodic inspection cases numbered 168 and reexaminations numbered 1); and 170 inspections were conducted by Southern Taiwan Science Park (including 169 preliminary investigations and 1 reexaminations; preliminary investigations in periodic inspection cases numbered 119 and reexaminations numbered 1).

In 2021, there were 72,137 dangerous equipment inspections (including 63,377 preliminary investigations in periodic inspection cases, giving a reexamination rate of 0.97%) (613 reexaminations were conducted in periodic inspection cases); 6,109 boiler inspection, of which preliminary investigations numbered 5,999 instances (including 5,256 preliminary investigations in periodic inspection cases), 110 reexaminations (86 reexaminations were conducted in periodic inspection cases); 29,085 type 1 pressure vessel inspection, of which preliminary investigations numbered 28,818 instances (including 25,564 preliminary investigations in periodic inspection cases), 267 reexaminations (217 reexaminations were conducted in periodic inspection cases); 32,529 specific equipment for high pressure gases inspection, of which preliminary investigations numbered 32,217 instances (including 28,393 preliminary investigations in periodic inspection cases), 312 reexaminations (249 reexaminations were conducted in periodic inspection cases); and 4,414 high pressure gas vessel inspection, of which preliminary investigations numbered 4,353 instances (including 4,164 preliminary investigations in periodic inspection cases), 61 reexaminations (61 reexaminations were conducted in periodic inspection cases).

Of them, 44,729 inspections were conducted in the Taiwan & Fuchien Area (including 44,247 preliminary investigations and 482 reexaminations; preliminary investigations in periodic inspection cases numbered 40,076 and reexaminations numbered 398); 974 inspections were conducted by Taipei City Labor Inspection Office (including 961 preliminary investigations and 13 reexaminations; preliminary investigations in periodic inspection cases numbered 939 and reexaminations numbered 13); 3,769 inspections were conducted by Taichung City Labor Inspection Office (including 3,720 preliminary investigations and 49 reexaminations; preliminary investigations in periodic inspection cases numbered 3,361 and reexaminations numbered 45); 17,231 inspections were conducted Kaohsiung City Labor Inspection Office (including 17,077 preliminary investigations and 154 reexaminations; preliminary investigations in periodic inspection cases numbered 16,083 and reexaminations numbered 130); 665 inspections were conducted by Export Processing Zone (including 653 preliminary investigations and 12 reexaminations; preliminary investigations in periodic inspection cases numbered 639 and reexaminations numbered 11); 993 inspections were conducted by Hsinchu Science Park (including 985 preliminary investigations and 8 reexaminations; preliminary investigations in periodic inspection cases numbered 898 and reexaminations numbered 4); 621 inspections were conducted by Central Taiwan Science Park (including 621 preliminary investigations and 0 reexaminations; preliminary investigations in periodic inspection cases numbered 564 and reexaminations numbered 0) and 961 inspections were conducted by Southern Taiwan Science Park (including 949 preliminary investigations and 12 reexaminations; preliminary investigations in periodic inspection cases numbered 817 and reexaminations numbered 12).

## 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.

2,142 organic solvent operation inspection were conducted (including 1,902 preliminary investigations and 240 reexaminations); 1,661 specific chemical substances inspection were conducted (including 1,436 preliminary investigations and 225 reexaminations); 55 lead operations inspection were conducted (including 49 preliminary investigations and 6 reexaminations); 587 powder and dust operation inspection were conducted (including 523 preliminary investigations and 64 reexaminations); 5,956 oxygen deficiency and confined space operation inspection were conducted (including 4,982 preliminary investigations and 1,064 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 255 applications for hazardous workplace review and inspection were received, of which 214 were approved and 3 were not approved; 38 are still in review (applications that had been accepted but not yet approved as of December 31, 2021).

### 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 8 inspections, including 8 preliminary investigations and 0 reexaminations.
- (2) Sanitation inspection:  
Mining sanitation inspection were conducted 107 inspections, including 91 preliminary investigations and 16 reexaminations.

(3) Safety inspection: (Bureau of Mines, MOEA)

Mining safety inspections were conducted 807 inspections, other mining and quarrying sectors inspections were conducted 758 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 49 inspections.

#### **IV. Statistical analysis of monthly reports of occupational accidents**

Workers' occupational accident statistics are an important basis for assessing enterprises' labor losses and sanitation 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 sanitation 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 2021, a total of 23,225 enterprises reported occupational accidents, the monthly average number of hired workers was 4,395,983 persons, and a total of 1,093,566,264 days of work and a total of 8,665,001,764 man-hours of work was performed by these enterprises; 13,448 disabling injuries occurred, which included 96 deaths, 26 permanent full disabilities, 278 permanent partial disabilities, and 13,048 temporary disabilities, and a total of 742,911 lost days of work occurred.

##### **1. General overview**

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

In 2021, the average frequency of disabling injuries due to occupational accidents in all industries was 1.55. Among all industries, The frequency of disabling injuries in the

accommodation and catering industry was 4.55, which was highest. The number of reporting enterprises was 1,675, which accounted for 7.21% of all reporting enterprises only. The number of hiring workers was 158,309, the number of total working days was 49,361,942, the number of total man-hours worked was 293,944,833, the frequency of disabling injuries was 1,338, the total number of working days lost was 18,440. Among the industries, the water supply and pollution control industry was 3.96; the art, entertainment and leisure service industry was 3.83; the real estate industry was 3.08; public administration and defense; compulsory social security was 2.93; mining and quarrying sectors was 2.45, the agriculture, forest, fishing and animal husbandry was 2.43; transportation and storage sectors was 1.87; construction engineering was 1.86; wholesale and retail trade sectors was 1.69; manufacturing sectors was 1.59; support service activities was 1.49; other service activities was 1.46; human health and social work activities was 1.28; scientific and technical activities was 0.65; financial and insurance activities was 0.51 and Publishing, Audio and Video Production, Broadcasting, Information and Communication was 0.43.

Among manufacturing industries, Manufacture of Wood and of Products of Wood and Bamboo was highest with 5.06. The number of reporting enterprises in this industry was 45 which accounted for 0.19% of all reporting enterprises. The number of hiring workers was 2,613; the number of work days was 637,845; the number of total man-hours worked was 5,128,525; the number of disabling injury severity was 26; the number of working days lost was 850. The following were Manufacture of Food Products and Animal Feeds (3.21), manufacture of basic metals (2.76), manufacture of metal products (2.65), manufacture of rubber products (2.38), manufacture of other non-metallic mineral products (2.34), manufacture of mechanical equipment (2.18), other manufacturing sectors (2.08), manufacture of textiles (1.94), manufacture of other means of transportation and their parts (1.90), manufacture of paper and paper products sectors (1.89), manufacture of medical goods and medicinal chemical products (1.75), Printing and Reproduction of Recorded Media (1.71), manufacture of plastics products (1.66), manufacture of furniture sectors (1.65), manufacture of beverages sectors (1.59), manufacture of automobile and their parts (1.58), Manufacture of Other Chemical Products (1.56), Repair and Installation of Industrial Machinery and Equipment (1.53), manufacture of electrical equipment (1.50).

The following formula was used in calculations:

$$\text{Frequency of disabling injurie} = \frac{\text{Number of disabling injuries} \times 10^6}{\text{Total man-hours worked}} \quad (\text{rounded to the second decimal place})$$

- (2) Severity of disabling injuries due to occupational accidents in each industry  
 In 2021, the average disabling injury severity level in all industries was 85, and the agriculture, forest, fishing and animal husbandry had the highest severity (542). The following were construction engineering (523), manufacture of chemical material, fertilizers and nitrogen; manufacture of plastic and synthetic rubber materials (507), water supply & remediation activities sectors (382), manufacture of paper and paper products sectors (339), manufacture of basic metals sectors (311), manufacture of other non-metallic mineral products (224), manufacture of metal products (192), manufacture of plastics products (173), Manufacture of Wood and of Products of Wood and Bamboo (165).

$$\text{Frequency of disabling injurie} = \frac{\text{Number of disabling injuries} \times 10^6}{\text{Total man-hours worked}} \quad (\text{rounded to whole number})$$

## 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, stabbing, cutting, abrasion, unclassifiable things, crashed, pinching and rolling up, other(s), falling down, crash or dash, drown and etc.
- (2) The chief accident type of mining and quarrying sectors include mater dropping, stabbing, cutting, abrasion, pinching and rolling up, other(s), falling objects, falling down, crashed, hot or low temperature, improper act and etc.
- (3) Manufacturing: The following explanation concerns industries with relatively high frequencies of disabling injuries

<b>Industry</b>	<b>Chief Accident Type</b>
Manufacture of Wood and of Products of Wood and Bamboo	Pinching and rolling up, stabbing, cutting, abrasion, crashed, collapsing objects, mater dropping, crash or dash, hot or low temperature, improper act, traffic accident and etc.
Food and Feeds Manufacturing	Mater dropping, stabbing, cutting, abrasion, pinching and rolling up, hot or low temperature, improper act, crash or dash, other(s), crashed and etc.
Manufacture of basic metals	Pinching and rolling up, stabbing, cutting, abrasion, mater dropping, hot or low temperature, falling down, falling objects, crashed, collapsing objects, improper act and etc.
Manufacture of metal products	Pinching and rolling up, stabbing, cutting, abrasion, mater dropping, crashed, improper act, falling objects, collapsing objects, other(s), falling down and etc.
Manufacture of Rubber Products Sectors	Pinching and rolling up, stabbing, cutting, abrasion, mater dropping, falling down, hot or low temperature, other(s), crashed, falling objects, crash or dash and etc.

- (4) Electricity and gas supply sectors: The chief accident type include highway traffic accident, electrical shock, mater dropping, falling objects, collapsing objects, crashed, tramped, contacted with hazardous materials, unclassifiable things and etc.
- (5) Water supply & remediation activities sectors: The chief accident type include mater dropping, stabbing, cutting, abrasion, falling down, pinching and rolling up, highway traffic accident, improper act, other(s), crashed, unclassifiable things and etc.
- (6) Construction engineering: The chief accident type include mater dropping, falling down, pinching and rolling up, stabbing, cutting, abrasion, collapsing objects, falling objects, highway traffic accident, crashed, other(s), crash or dash and etc.
- (7) Transportation and storage sectors: The chief accident type include mater dropping, highway traffic accident, other(s), falling down, improper act, pinching and rolling up, crash or dash, crashed, stabbing, cutting, abrasion, collapsing objects and etc.
- (8) All industries: Matter dropping constituted the chief accident type, and accounted for 22.65% of all accidents. The following were stabbing, cutting and abrasion for 14.13% ;

pinching and rolling up for 13.12%; other(s) for 6.77%; crashed for 6.58%; highway traffic accident for 6.13%; improper act for 5.20%; and falling down for 5.10%.

### 3. Analysis of sources of injuries by industry

Among all industries, “other sources of injuries” constituted the most important sources of injuries (15.50%), and was followed by means of transport of handling machinery (15.19%), construction and construction equipment (7.44%), general dynamical machine (6.98%), material (6.73%), environment (6.57%), unclassifiable injury (6.23%), no sources of injuries (5.88%), utensils (4.71%), power transmission apparatus (4.17%), power handling machinery (3.87%) and manpower and machine tools (3.66%)

- (1) Agriculture, forestry, fishing and animal husbandry: The chief sources of injuries were other sources of injuries, means of transport of handling machinery, environment, no sources of injuries, manpower and machine tools and utensils.
- (2) Mining and quarrying sectors: The chief sources of injuries were material, power transmission apparatus, general dynamical machine, Construction and working equipment.
- (3) The following is an explanation of sources of injuries in manufacturing industries beginning with the sources of the most frequent injuries:

<b>Industry</b>	<b>Chief sources of injuries</b>
Manufacture of Electronic Parts and Components	Other sources of injuries, general dynamical machine, construction and construction equipment, means of transport of handling machinery, other equipment, environment, dangerous and harmful substances, power transmission apparatus and utensils.
Manufacture of Fabricated Metal Products	Other sources of injuries, material, power transmission apparatus, construction and construction equipment, other sources of injuries, utensils, power handling machinery, crane and means of transport of handling machinery.
Food and Feeds Manufacturing	Other sources of injuries, general dynamical machine, environment, construction and construction equipment, power transmission apparatus, unclassifiable injury, means of transport of handling machinery, other equipment and utensils.
Manufacture of Machinery and Equipment	General dynamical machine, material, other sources of injuries, unclassifiable injury, manpower and machine tools, means of transport of handling machinery, power transmission apparatus and utensils.
Manufacture of Computers, Electronic and Optical Products	Other sources of injuries, means of transport of handling machinery, no sources of injuries, construction and construction equipment, material, general dynamical machine, power transmission apparatus, power handling machinery and utensils.
Manufacture of Basic Metals	Material, general dynamical machine, other sources of injuries, other equipment, power transmission apparatus, utensils, environment, power handling machinery, manpower and machine tools, means of transport of handling machinery, dangerous and harmful substances.

Manufacture of Plastics Products	General dynamical machine, power transmission apparatus, other sources of injuries, means of transport of handling machinery, manpower and machine tools, construction and construction equipment, other equipment, material and power handling machinery.
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- (4) Electricity and gas supply sectors: Main sources of injuries include means of transport of handling machinery, electric apparatus, construction and construction equipment, general dynamical machine, utensils, dangerous and harmful substances, environment and unclassifiable injury.
- (5) Water supply & remediation activities sectors: Main sources of injuries include means of transport of handling machinery, other sources of injuries, material, unclassifiable injury, environment, no sources of injuries, power handling machinery of handling machineries and construction and construction equipment.
- (6) Construction engineering: Main sources of injuries include construction and construction equipment, material, means of transport of handling machinery, utensils, other equipment, Construction machinery, power handling machinery of handling machineries and moved things.
- (7) Transportation and storage sectors: Main sources of injuries include means of transport of handling machinery, other sources of injuries, construction and construction equipment, power handling machinery of handling machineries, environment, no sources of injuries, moved things. unclassifiable injury and other equipment.

4. Analysis of the relationship between accident type and sources of accident (manufacturing sectors)

In 2021, a comparison of accident types in manufacturing throughout the year revealed that pinching and rolling up was the leading sources of accidents (23.42%). The following were mater dropping (17.83%), stabbing, cutting and abrasion (16.58%), crashed (6.64%), improper act (5.35%), others (4.61%). Relationship between accident type and sources of accident for high-frequency accidents:

<b>Accident Type</b>	<b>Chief sources of injuries</b>
Pinching and Rolling-Up	General dynamical machine, power transmission apparatus, other equipment, other sources of injuries, power handling machinery, material, manpower and machine tools and utensils.
Mater Dropping	Construction and construction equipment, environment, no sources of injuries, other sources of injuries, means of transport of handling machinery, unclassifiable injury, utensils and material.
stabbing, cutting and abrasion	General dynamical machine, material, other sources of injuries, manpower and machine tools, power transmission apparatus, utensils, other equipment and wood processing machinery.
Crashed	Means of transport of handling machinery, power handling machinery, general dynamical machine, other sources of injuries, material, manpower and machine tools, other equipment and utensils.
Improper Act	General dynamical machine, material, moved things, other sources of injuries, no sources of injuries, manpower and machine tools, unclassifiable injury and other equipment.
others	Other sources of injuries, unclassifiable injury, general dynamical machine, material, environment, power handling machinery, power transmission apparatus and utensils.

5. Relationship between accident type and injured body part (manufacturing sectors)  
 In 2021, the body part injured with the highest frequency in manufacturing was the finger (24.76%), followed by the hand (16.12%), foot (13.06%), head(6.53%), leg(6.42%), others (4.75%), knee(4.65%). The following is an explanation of the relationship between accident type and injured body part for the highest-frequency accidents:

<b>Accident Type</b>	<b>Injured part</b>
Pinching and Rolling-Up	Finger, hand, foot, forearm, wrist, elbow, leg, head and chest.
Mater Dropping	Foot, knee, hand, leg, head, elbow, back, shoulder, hip.
stabbing, cutting and abrasion	Finger, hand, leg, foot, face, head, others, wrist and forearm.
Falling down	Foot, head, leg, finger, knee, hand, face, elbow and chest.
Improper Act	Foot, head, leg, hand, back, head, leg, face and wrist.
Hot or low temperature	Hand, leg, foot, face, finger, neck, chest, forearm and back.

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.

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

## V. Supplementary explanation:

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

- 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 sanitation 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 2021 as an example, during that year a total of 278 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 221 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 110 年  
Year 2021

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 NT\$)
總計 Total	34,431	5,939	18.92	5,936	3	31,201.8
臺北市政府 Taipei City Government	8,046	990	12.30	990	-	5,997.0
新北市政府 New Taipei City Government	3,131	1,185	37.85	1,184	1	6,649.0
桃園市政府 Taoyuan City Government	3,108	759	24.42	759	-	4,484.5
臺中市政府 Taichung City Government	2,141	622	29.05	622	-	2,355.0
臺南市政府 Tainan City Government	2,936	495	16.86	495	-	3,383.0
高雄市政府 Kaohsiung City Government	2,370	994	41.94	994	-	3,475.0
宜蘭縣政府 Yilan County Government	517	30	5.80	30	-	288.0
新竹縣政府 Hsinchu County Government	954	55	5.77	55	-	302.0
苗栗縣政府 Miaoli County Government	676	25	3.70	25	-	115.0
彰化縣政府 Changhua County Government	1,116	194	17.38	194	-	1,011.5
南投縣政府 Nantou County Government	287	66	23.00	66	-	236.0
雲林縣政府 Yunlin County Government	785	66	8.41	66	-	311.6
嘉義縣政府 Chiayi County Government	705	21	2.98	21	-	92.0
屏東縣政府 Pingtung County Government	953	102	10.70	102	-	344.0
臺東縣政府 Taitung County Government	106	44	41.51	42	2	124.0
花蓮縣政府 Hualien County Government	454	55	12.11	55	-	534.0
澎湖縣政府 Penghu County Government	201	6	2.99	6	-	41.0
基隆市政府 Keelung City Government	524	39	7.44	39	-	167.0
新竹市政府 Hsinchu City Government	579	26	4.49	26	-	208.0
嘉義市政府 Chiayi City Government	782	27	3.45	27	-	296.0
金門縣政府 Kinmen County Government	25	5	20.00	5	-	15.0
連江縣政府 Lienchiang County Government	66	1	1.52	1	-	8.0
經濟部加工出口區管理處 Export Processing Zone Administration, MOEA	216	25	11.57	25	-	108.0
科技部新竹科學園區管理局 Hsinchu Science Park Bureau, MOST	167	59	35.33	59	-	427.2
科技部中部科學園區管理局 Central Taiwan Science Park Bureau, MOST	69	25	36.23	25	-	94.0
科技部南部科學園區管理局 Southern Taiwan Science Park Bureau, MOST	85	23	27.06	23	-	136.0
職安署北區職業安全衛生中心 Northern Center of OSHA	972	-	-	-	-	-
職安署中區職業安全衛生中心 Central Center of OSHA	1,065	-	-	-	-	-
職安署南區職業安全衛生中心 Southern Center of OSHA	1,395	-	-	-	-	-

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 576 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 22,974 場次(含遠端輔導 3,717 場次)。

Explanation: 1. Penalty Rate = Violation Cases ÷ Total Inspections × 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 576 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 22,974 legal compliance visits (including 3,717 remote guidance) conducted during the year.

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

中華民國 110 年  
Year 2021

單位：場次  
Unit: inspection

行業別 Industry Type	勞 動 條 件 檢 查 Working Condition Inspections														
	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	34,431	8,046	3,131	3,108	2,141	2,936	2,370	517	954	676	1,116	287	785	705	953
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	139	4	7	2	6	19	53	-	2	-	3	1	7	12	14
礦業及土石採取業 Mining and Quarrying	8	-	1	1	-	-	-	-	2	1	-	-	-	-	1
製 造 業 Manufacturing	7,932	548	724	1,123	540	797	415	88	211	77	741	50	408	295	123
食品及飼料製造業 Manufacture of Food Products and Animal Feeds	855	90	97	89	47	59	49	21	19	5	69	8	44	47	32
飲料製造業 Manufacture of Beverages	48	7	2	3	2	4	3	3	2	1	1	-	2	-	2
菸草製造業 Manufacture of Tobacco Products	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
紡 織 業 Manufacture of Textiles	386	23	16	105	13	25	7	2	2	1	92	3	17	17	1
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories	116	29	25	13	3	3	4	-	1	2	12	-	4	1	-
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products	48	2	2	4	4	7	5	4	-	-	5	1	-	2	-
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo	55	-	4	5	2	1	11	2	-	-	3	-	4	7	2
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products	208	11	16	20	12	17	10	2	2	5	63	-	4	11	3
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media	168	16	102	7	14	4	4	-	-	-	4	-	2	-	-
石油及煤製品製造業 Manufacture of Petroleum and Coal Products	32	4	-	2	-	-	-	-	-	-	2	-	21	3	-
化學材料製造業 Manufacture of Chemical Material	259	24	-	21	3	5	18	-	4	4	6	-	129	5	6
化學製品製造業 Manufacture of Chemical Products	256	31	11	49	12	26	8	1	6	1	9	1	33	14	9
藥品製造業 Manufacture of Pharmaceuticals	110	20	6	8	8	13	4	1	6	1	3	-	-	-	4
橡膠製品製造業 Manufacture of Rubber Products	109	3	3	19	3	8	7	-	1	-	25	2	5	1	-
塑膠製品製造業 Manufacture of Plastics Products	532	20	39	69	36	103	17	2	23	4	33	4	25	28	8
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products	246	11	26	17	19	16	17	10	2	5	11	-	29	12	3
基本金屬製造業 Manufacture of Basic Metals	279	11	17	51	18	44	22	3	5	2	20	2	8	10	8
金屬製品製造業 Manufacture of Fabricated Metal Products	1,186	32	93	135	86	129	105	6	8	10	258	10	34	39	29
電子零組件製造業 Manufacture of Electronic Parts and Components	793	32	86	165	41	29	17	2	71	16	5	4	4	2	-
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products	321	54	56	49	9	14	2	1	16	2	3	-	5	6	-
電力設備製造業 Manufacture of Electrical Equipment	293	57	34	48	18	42	12	3	6	5	7	-	7	8	1
機械設備製造業 Manufacture of Machinery and Equipment	738	26	40	166	89	106	30	9	20	1	34	8	16	37	2
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts	255	8	12	27	12	74	12	1	13	3	18	2	3	15	3
其他運輸工具製造業 Other Manufacture of Transport Equipment	220	4	4	13	40	21	29	10	3	2	33	1	1	1	6
家具製造業 Manufacture of Furniture	115	7	12	3	20	6	6	-	-	2	13	3	-	15	2
其他製造業 Other Manufacturing	261	21	20	27	24	38	7	5	-	5	12	1	11	14	2
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment	42	5	1	8	5	3	9	-	1	-	-	-	-	-	-
電力及燃氣供應業 Electricity and Gas Supply	71	4	7	3	2	2	6	-	4	1	2	-	5	5	3
用水供應及污染整治業 Water Supply and Remediation Activities	149	37	17	19	10	10	12	-	1	3	4	1	8	3	4
營建工程業 Construction Engineering	1,154	390	123	63	92	115	79	9	28	9	15	7	56	8	32
批發及零售業 Wholesale and Retail Trade	5,754	2,195	652	474	386	383	285	138	110	38	109	24	51	99	89
運輸及倉儲業 Transportation and Storage	3,012	418	235	369	151	308	375	15	21	17	24	21	29	45	30
住宿及餐飲業 Accommodation and Food Service Activities	4,067	924	394	319	236	304	287	61	95	54	30	34	45	54	102
資訊及通訊傳播業 Information and Communication	863	571	56	12	37	26	17	1	14	3	3	1	3	4	4
金融及保險業 Financial and Insurance Activities	985	412	47	65	76	58	56	39	4	6	11	2	6	-	9
不動產業 Real Estate Activities	359	168	58	21	25	21	30	5	8	3	-	1	1	-	1
專業、科學及技術服務業 Professional, Scientific and Technical Activities	936	569	80	25	65	42	33	8	24	7	4	1	8	7	4
支援服務業 Support Service Activities	1,902	591	263	148	172	109	165	20	78	16	15	9	13	9	15
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security	63	12	3	4	5	4	7	3	1	-	3	2	-	8	1
教育服務業 Education	1,146	176	110	59	60	75	55	38	38	28	43	8	45	26	95
醫療保健及社會工作服務業 Human Health and Social Work Activities	3,883	708	163	288	176	538	406	64	90	110	83	111	87	111	194
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	963	98	41	44	30	31	21	9	118	290	5	1	5	3	181
其他服務業 Other Service Activities	1,045	221	150	69	72	94	68	19	105	13	21	13	8	16	51

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

中華民國 110 年  
Year 2021

單位：場次  
Unit: inspection

行業別 Industry Type	勞 動 條 件 檢 查 Working Condition Inspections														
	臺東縣 Taitung County	花蓮縣 Hualien County	澎湖縣 Penghu County	基隆市 Keelung City	新竹市 Hsinchu City	嘉義市 Chiayi City	金門縣 Kinmen County	連江縣 Lienchiang County	經濟部 加工出口區 管理處 Export Processing Zone Administration, MOEA	科技部新竹 科學園區 管理局 Hsinchu Science Park Bureau, MOST	科技部中部 科學園區 管理局 Central Taiwan Science Park Bureau, MOST	科技部南部 科學園區 管理局 Southern Taiwan Science Park Bureau, MOST	職安署 北區職業 安全衛生 中心 Northern Center of OSHA	職安署 中區職業 安全衛生 中心 Central Center of OSHA	職安署 南區職業 安全衛生 中心 Southern Center of OSHA
總 計 Total	106	454	201	524	579	782	25	66	216	167	69	85	972	1,065	1,395
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	2	-	-	-	-	2	-	-	-	-	-	-	1	1	3
礦業及土石採取業 Mining and Quarrying	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
製 造 業 Manufacturing	-	39	-	54	65	105	7	2	192	101	45	48	262	391	481
食品及飼料製造業 Manufacture of Food Products and Animal Feeds	-	8	-	17	10	16	2	-	5	2	-	-	24	36	59
飲料製造業 Manufacture of Beverages	-	-	-	-	-	-	-	2	-	-	-	-	3	4	7
菸草製造業 Manufacture of Tobacco Products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
紡 織 業 Manufacture of Textiles	-	-	-	3	-	-	-	-	1	-	-	-	2	31	25
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories	-	-	-	-	-	-	-	-	1	-	-	-	2	8	8
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo	-	3	-	-	-	4	-	-	2	-	-	-	-	3	2
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products	-	2	-	-	-	2	-	-	1	-	-	-	6	14	7
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media	-	-	-	-	-	4	-	-	4	-	-	-	1	1	5
石油及煤製品製造業 Manufacture of Petroleum and Coal Products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
化學材料製造業 Manufacture of Chemical Material	-	-	-	-	-	6	-	-	6	-	2	4	4	5	7
化學製品製造業 Manufacture of Chemical Products	-	-	-	2	-	2	-	-	1	3	-	4	7	10	16
藥品製造業 Manufacture of Pharmaceuticals	-	-	-	-	-	-	-	-	-	5	-	7	8	4	12
橡膠製品製造業 Manufacture of Rubber Products	-	-	-	-	-	-	-	-	1	-	-	-	5	23	3
塑膠製品製造業 Manufacture of Plastics Products	-	-	-	3	1	14	-	-	14	1	2	1	10	28	47
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products	-	23	-	-	-	2	2	-	1	1	1	1	15	15	7
基本金屬製造業 Manufacture of Basic Metals	-	-	-	-	-	1	1	-	-	-	-	1	9	13	33
金屬製品製造業 Manufacture of Fabricated Metal Products	-	-	-	3	6	21	2	-	20	-	3	1	17	71	68
電子零組件製造業 Manufacture of Electronic Parts and Components	-	-	-	13	25	-	-	-	67	47	18	13	92	17	27
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products	-	-	-	4	4	-	-	-	27	18	5	4	21	9	12
電力設備製造業 Manufacture of Electrical Equipment	-	-	-	-	3	3	-	-	8	3	-	1	6	8	13
機械設備製造業 Manufacture of Machinery and Equipment	-	-	-	3	13	15	-	-	17	9	11	5	16	26	39
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts	-	-	-	-	-	-	-	-	4	-	-	-	6	15	27
其他運輸工具製造業 Other Manufacture of Transport Equipment	-	1	-	3	3	-	-	-	1	-	-	-	4	20	20
家具製造業 Manufacture of Furniture	-	-	-	-	-	6	-	-	1	-	-	-	-	10	9
其他製造業 Other Manufacturing	-	-	-	3	-	7	-	-	10	11	3	3	2	14	21
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment	-	2	-	-	-	2	-	-	-	1	-	3	2	-	-
電力及燃氣供應業 Electricity and Gas Supply	-	3	-	-	-	-	-	-	-	-	2	-	6	8	8
用水供應及污染整治業 Water Supply and Remediation Activities	6	-	-	4	-	4	-	-	-	-	-	2	-	1	3
營建工程業 Construction Engineering	6	3	3	11	14	14	1	1	3	17	6	14	19	12	4
批發及零售業 Wholesale and Retail Trade	12	29	59	100	43	107	2	27	7	8	3	3	94	64	163
運輸及倉儲業 Transportation and Storage	11	105	2	57	9	107	4	1	1	2	2	2	177	307	167
住宿及餐飲業 Accommodation and Food Service Activities	28	38	32	45	64	205	-	20	-	3	1	2	213	132	345
資訊及通訊傳播業 Information and Communication	1	1	3	9	10	2	-	-	2	-	-	1	43	12	27
金融及保險業 Financial and Insurance Activities	4	6	3	29	19	12	-	-	-	-	-	-	38	34	49
不動產業 Real Estate Activities	-	1	-	3	-	-	-	-	-	1	-	-	5	3	4
專業、科學及技術服務業 Professional, Scientific and Technical Activities	2	2	-	2	15	7	-	-	5	10	1	4	6	1	4
支援服務業 Support Service Activities	17	5	-	25	27	29	6	4	6	20	9	9	42	34	46
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security	1	-	2	-	-	4	-	-	-	-	-	-	2	1	-
教育服務業 Education	1	2	9	31	112	46	-	3	-	-	-	-	23	28	35
醫療保健及社會工作服務業 Human Health and Social Work Activities	5	211	34	124	151	104	5	4	-	3	-	-	32	34	47
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	2	3	47	11	4	7	-	-	-	1	-	-	5	-	6
其他服務業 Other Service Activities	7	6	7	19	46	27	-	4	-	1	-	-	3	2	3



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

中華民國110年  
Year 2021

單位：場次  
Unit: inspection

行業別 Industry Type	安 全 衛 生 檢 查 Sanitation and Safety Inspections													
	總計 Total	臺北市 勞動檢查處 Taipei City Labor Inspection Office	新北市政府 勞動檢查處 New Taipei City Government Labor Inspection Office	桃園市政府 勞動檢查處 Office of Labor Inspection, Taoyuan	臺中市 勞動檢查處 Taichung City Labor Inspection Office	臺南市 職安健康處 Occupational Safety and Health Department, Labor Affairs Bureau of Tainan City	高雄市政府 勞工局 勞動檢查處 Kaohsiung City Government Labor Inspection Office, Labor Affairs Bureau	經濟部 加工出口區 管理處 Export Processing Zone Administration, MOEA	科技部新竹 科學園區 管理局 Hsinchu Science Park Bureau, MOST	科技部中部 科學園區 管理局 Central Taiwan Science Park Bureau, MOST	科技部南部 科學園區 管理局 Southern Taiwan Science Park Bureau, MOST	職安署北區 職業安全 衛生中心 Northern Center of OSHA	職安署中區 職業安全 衛生中心 Central Center of OSHA	職安署南區 職業安全 衛生中心 Southern Center of OSHA
總計 Total	164,585	24,435	11,059	13,944	11,836	5,903	22,581	1,620	1,230	918	994	20,337	20,320	29,408
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	560	2	19	15	12	-	40	-	-	-	-	143	157	172
礦業及土石採取業 Mining and Quarrying	107	8	2	18	1	-	16	-	-	-	-	15	37	10
製造業 Manufacturing	53,284	1,159	4,019	4,718	4,091	3,900	8,439	1,049	839	726	610	6,270	7,777	9,687
食品及飼料製造業 Manufacture of Food Products and Animal Feeds	3,801	145	288	250	173	203	526	9	1	4	5	453	513	1,231
飲料製造業 Manufacture of Beverages	398	21	10	12	16	2	28	11	-	-	-	124	69	105
菸草製造業 Manufacture of Tobacco Products	29	3	1	-	1	8	-	-	-	-	-	-	2	14
紡織業 Manufacture of Textiles	1,495	14	123	392	60	107	46	3	-	-	-	106	295	349
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories	269	37	85	35	5	21	7	5	-	-	-	14	32	28
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products	198	-	9	10	39	12	36	-	-	-	-	9	35	48
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo	260	-	12	12	51	1	61	4	-	-	-	35	17	67
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products	973	13	78	73	102	45	125	4	-	-	-	153	245	135
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media	574	37	250	11	54	97	53	17	-	-	-	10	7	38
石油及煤製品製造業 Manufacture of Petroleum and Coal Products	338	-	4	10	15	10	75	-	-	-	-	63	134	27
化學材料製造業 Manufacture of Chemical Material	3,681	27	26	167	174	109	1,330	56	14	25	19	336	954	444
化學製品製造業 Manufacture of Chemical Products	3,862	17	152	556	272	247	686	54	57	17	42	541	649	572
藥品製造業 Manufacture of Pharmaceuticals	663	16	23	82	36	105	36	8	29	37	37	110	26	118
橡膠製品製造業 Manufacture of Rubber Products	883	5	76	105	50	31	104	9	-	-	1	111	287	104
塑膠製品製造業 Manufacture of Plastics Products	3,519	30	412	221	316	399	223	66	1	9	5	297	406	1,134
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products	1,932	49	104	240	78	92	228	18	1	34	10	564	209	305
基本金屬製造業 Manufacture of Basic Metals	3,138	21	133	212	325	263	797	-	3	-	19	217	389	759
金屬製品製造業 Manufacture of Fabricated Metal Products	10,658	293	904	518	1,050	828	2,244	86	8	94	32	774	1,767	2,060
電子零組件製造業 Manufacture of Electronic Parts and Components	4,537	62	363	706	70	255	144	389	621	214	276	1,025	262	150
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products	1,020	94	166	175	36	76	17	83	33	34	23	152	60	71
電力設備製造業 Manufacture of Electrical Equipment	1,261	62	173	159	67	116	118	74	20	1	8	141	141	181
機械設備製造業 Manufacture of Machinery and Equipment	4,928	69	380	359	667	339	833	84	31	191	87	619	592	677
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts	1,378	6	64	211	76	241	78	8	-	8	1	111	194	380
其他運輸工具製造業 Other Manufacture of Transport Equipment	1,272	-	17	105	163	95	390	1	-	10	6	128	137	220
家具製造業 Manufacture of Furniture	467	6	36	10	77	22	81	5	-	-	-	22	90	118
其他製造業 Other Manufacturing	1,273	14	116	71	79	168	74	52	19	47	35	83	204	311
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment	477	118	14	16	39	8	99	3	1	1	4	72	61	41
電力及燃氣供應業 Electricity and Gas Supply	2,223	288	40	48	127	11	290	9	2	6	3	467	519	413
用水供應及污染整治業 Water Supply and Remediation Activities	2,133	125	123	218	51	63	294	16	6	7	18	323	331	558
營建工程業 Construction Engineering	69,432	14,388	4,534	6,223	5,419	1,424	8,810	407	264	151	324	8,956	8,469	10,063
批發及零售業 Wholesale and Retail Trade	12,399	1,166	1,102	1,105	786	199	1,660	52	22	5	15	1,401	1,042	3,844
運輸及倉儲業 Transportation and Storage	4,678	496	258	303	385	59	1,068	40	2	1	5	666	430	965
住宿及餐飲業 Accommodation and Food Service Activities	3,471	956	249	143	399	1	375	-	1	-	-	229	230	888
資訊及通訊傳播業 Information and Communication	1,031	504	79	75	21	5	94	2	6	2	1	76	114	52
金融及保險業 Financial and Insurance Activities	958	768	18	9	25	-	35	-	-	-	-	18	24	61
不動產業 Real Estate Activities	610	155	38	85	13	7	93	-	-	-	-	48	62	109
專業、科學及技術服務業 Professional, Scientific and Technical Activities	3,443	1,296	145	245	95	33	225	24	42	12	15	565	205	541
支援服務業 Support Service Activities	4,172	1,259	118	421	192	148	523	18	25	7	1	497	217	746
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security	739	63	19	16	22	7	71	1	-	-	-	158	277	105
教育服務業 Education	1,329	343	38	111	47	9	95	1	-	-	1	89	255	340
醫療保健及社會工作服務業 Human Health and Social Work Activities	2,377	922	158	78	73	1	281	-	4	-	1	244	67	548
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	424	158	18	17	22	5	23	-	-	-	-	29	25	127
其他服務業 Other Service Activities	1,215	379	82	96	55	31	149	1	17	1	-	143	82	179

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110年  
Year 2021

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	34,431	32,649	94.82	1,782	5.18	5.46
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	139	137	98.56	2	1.44	1.46
礦業及土石採取業 Mining and Quarrying	8	8	100.00	-	-	-
製造業 Manufacturing	7,932	7,601	95.83	331	4.17	4.35
食品及飼料製造業 Manufacture of Food Products and Animal Feeds	855	828	96.84	27	3.16	3.26
飲料製造業 Manufacture of Beverages	48	46	95.83	2	4.17	4.35
菸草製造業 Manufacture of Tobacco Products	1	1	100.00	-	-	-
紡織業 Manufacture of Textiles	386	377	97.67	9	2.33	2.39
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories	116	113	97.41	3	2.59	2.65
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products	48	48	100.00	-	-	-
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo	55	54	98.18	1	1.82	1.85
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products	208	205	98.56	3	1.44	1.46
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media	168	167	99.40	1	0.60	0.60
石油及煤製品製造業 Manufacture of Petroleum and Coal Products	32	24	75.00	8	25.00	33.33
化學原材料、肥料、氮化合物、塑橡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	259	227	87.64	32	12.36	14.10
其他化學製品製造業 Other Chemical Products Manufacturing	256	244	95.31	12	4.69	4.92
藥品及醫用化學製品製造業 Manufacture of Pharmaceuticals and Medicinal Chemical Products	110	109	99.09	1	0.91	0.92
橡膠製品製造業 Manufacture of Rubber Products	109	106	97.25	3	2.75	2.83
塑膠製品製造業 Manufacture of Plastics Products	532	503	94.55	29	5.45	5.77
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products	246	227	92.28	19	7.72	8.37
基本金屬製造業 Manufacture of Basic Metals	279	265	94.98	14	5.02	5.28
金屬製品製造業 Manufacture of Fabricated Metal Products	1,186	1,138	95.95	48	4.05	4.22
電子零組件製造業 Manufacture of Electronic Parts and Components	793	751	94.70	42	5.30	5.59
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products	321	308	95.95	13	4.05	4.22
電力設備製造業 Manufacture of Electrical Equipment	293	277	94.54	16	5.46	5.78
機械設備製造業 Manufacture of Machinery and Equipment	738	723	97.97	15	2.03	2.07
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts	255	240	94.12	15	5.88	6.25
其他運輸工具製造業 Other Manufacture of Transport Equipment	220	215	97.73	5	2.27	2.33
家具製造業 Manufacture of Furniture	115	114	99.13	1	0.87	0.88
其他製造業 Other Manufacturing	261	249	95.40	12	4.60	4.82
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment	42	42	100.00	-	-	-
電力及燃氣供應業 Electricity and Gas Supply	71	67	94.37	4	5.63	5.97
用水供應及污染整治業 Water Supply and Remediation Activities	149	143	95.97	6	4.03	4.20
營建工程業 Construction Engineering	1,154	1,132	98.09	22	1.91	1.94
批發及零售業 Wholesale and Retail Trade	5,754	5,640	98.02	114	1.98	2.02
運輸及倉儲業 Transportation and Storage	3,012	2,583	85.76	429	14.24	16.61
住宿及餐飲業 Accommodation and Food Service Activities	4,067	3,937	96.80	130	3.20	3.30
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	863	831	96.29	32	3.71	3.85
金融及保險業 Financial and Insurance Activities	985	918	93.20	67	6.80	7.30
不動產業 Real Estate Activities	359	350	97.49	9	2.51	2.57
專業、科學及技術服務業 Professional, Scientific and Technical Activities	936	917	97.97	19	2.03	2.07
支援服務業 Support Service Activities	1,902	1,833	96.37	69	3.63	3.76
公共行政及國防：強制性社會安全 Public Administration and Defence; Compulsory Social Security	63	63	100.00	-	-	-
教育業 Education	1,146	1,116	97.38	30	2.62	2.69
醫療保健及社會工作服務業 Human Health and Social Work Activities	3,883	3,682	94.82	201	5.18	5.46
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	963	730	75.80	233	24.20	31.92
其他服務業 Other Service Activities	1,045	961	91.96	84	8.04	8.74

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 = preliminary investigations ÷ total inspections × 100  
2.Reexamination Ratio = reexaminations ÷ total inspections × 100  
3.Reexamination Rate = reexaminations ÷ 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110年  
Year 2021

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	場次 Inspection	複查比率(%) Reexamination Ratio(%)	複查率 Reexamination Rate
總計 Total	164,585	135,152	82.12	29,433	17.88	21.78
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	560	450	80.36	110	19.64	24.44
礦業及土石採取業 Mining and Quarrying	107	91	85.05	16	14.95	17.58
製造業 Manufacturing	53,284	46,234	86.77	7,050	13.23	15.25
食品及飼料製造業 Manufacture of Food Products and Animal Feeds	3,801	3,450	90.77	351	9.23	10.17
飲料製造業 Manufacture of Beverages	398	352	88.44	46	11.56	13.07
菸草製造業 Manufacture of Tobacco Products	29	27	93.10	2	6.90	7.41
紡織業 Manufacture of Textiles	1,495	1,282	85.75	213	14.25	16.61
成衣及服飾品製造業 Manufacture of Wearing Apparel and Clothing Accessories	269	258	95.91	11	4.09	4.26
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products	198	174	87.88	24	12.12	13.79
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo	260	237	91.15	23	8.85	9.70
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products	973	873	89.72	100	10.28	11.45
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media	574	538	93.73	36	6.27	6.69
石油及煤製品製造業 Manufacture of Petroleum and Coal Products	338	257	76.04	81	23.96	31.52
化學原材料、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	3,681	2,691	73.11	990	26.89	36.79
其他化學製品製造業 Other Chemical Products Manufacturing	3,862	3,260	84.41	602	15.59	18.47
藥品及醫用化學製品製造業 Manufacture of Pharmaceuticals and Medicinal Chemical Products	663	595	89.74	68	10.26	11.43
橡膠製品製造業 Manufacture of Rubber Products	883	794	89.92	89	10.08	11.21
塑膠製品製造業 Manufacture of Plastics Products	3,519	3,171	90.11	348	9.89	10.97
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products	1,932	1,704	88.20	228	11.80	13.38
基本金屬製造業 Manufacture of Basic Metals	3,138	2,434	77.57	704	22.43	28.92
金屬製品製造業 Manufacture of Fabricated Metal Products	10,658	9,415	88.34	1,243	11.66	13.20
電子零組件製造業 Manufacture of Electronic Parts and Components	4,537	4,000	88.16	537	11.84	13.43
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products	1,020	949	93.04	71	6.96	7.48
電力設備製造業 Manufacture of Electrical Equipment	1,261	1,151	91.28	110	8.72	9.56
機械設備製造業 Manufacture of Machinery and Equipment	4,928	4,375	88.78	553	11.22	12.64
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts	1,378	1,235	89.62	143	10.38	11.58
其他運輸工具及其零件製造業 Other Transport Equipment and Parts Manufacturing	1,272	1,054	82.86	218	17.14	20.68
家具製造業 Manufacture of Furniture	467	421	90.15	46	9.85	10.93
其他製造業 Other Manufacturing	1,273	1,179	92.62	94	7.38	7.97
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment	477	358	75.05	119	24.95	33.24
電力及燃氣供應業 Electricity and Gas Supply	2,223	1,599	71.93	624	28.07	39.02
用水供應及污染整治業 Water Supply & Remediation Activities	2,133	1,881	88.19	252	11.81	13.40
營建工程業 Construction engineering	69,432	52,339	75.38	17,093	24.62	32.66
批發及零售業 Wholesale and Retail Trade	12,399	11,694	94.31	705	5.69	6.03
運輸及倉儲業 Transportation and Storage Sector	4,678	4,072	87.05	606	12.95	14.88
住宿及餐飲業 Accommodation and Food Service Activities	3,471	3,271	94.24	200	5.76	6.11
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	1,031	919	89.14	112	10.86	12.19
金融及保險業 Financial and Insurance Activities	958	933	97.39	25	2.61	2.68
不動產業 Real Estate Activities	610	519	85.08	91	14.92	17.53
專業、科學及技術服務業 Professional, Scientific and Technical Activities	3,443	2,618	76.04	825	23.96	31.51
支援服務業 Support Service Activities	4,172	3,090	74.07	1,082	25.93	35.02
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security	739	607	82.14	132	17.86	21.75
教育業 Education	1,329	1,157	87.06	172	12.94	14.87
醫療保健及社會工作服務業 Human Health and Social Work Activities	2,377	2,196	92.39	181	7.61	8.24
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	424	397	93.63	27	6.37	6.80
其他服務業 Other Service Activities	1,215	1,085	89.30	130	10.70	11.98

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項資料統計分析

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

中華民國97年至110年  
From 2008 to 2021

年 別 Years	重大職災 件數 Number of Major Occupational Accidents	項目 Items	死 亡 Death							小計 Total
			臺灣省 Taiwan Province	新北市 New Taipei City	臺北市 Taipei City	桃園市 Taoyuan City	臺中市 Taichung City	臺南市 Tainan City	高雄市 Kaohsiung City	
民國 97 年 2008	337	人 數 Number 百分比 Percentage	292 75.1		24 6.1				14 3.6	330 84.8
民國 98 年 2009	240	人 數 Number 百分比 Percentage	208 76.8		16 5.9				15 5.5	239 88.2
民國 99 年 2010	280	人 數 Number 百分比 Percentage	266 78.2		14 4.1				12 3.6	292 85.9
民國 100 年 2011	285	人 數 Number 百分比 Percentage	248 72.5		19 5.6				14 4.1	281 82.2
民國 101 年 2012	333	人 數 Number 百分比 Percentage	292 74.5	-	15 3.8		-		22 5.6	329 83.9
民國 102 年 2013	315	人 數 Number 百分比 Percentage	229 68.1	25 7.4	11 3.3		1 0.3		47 14.0	313 93.1
民國 103 年 2014	348	人 數 Number 百分比 Percentage	250 64.4	27 7.0	15 4.1		6 1.6		47 12.1	346 89.2
民國 104 年 2015	343	人 數 Number 百分比 Percentage	233 59.7	35 9.2	26 6.6		8 2.6		40 10.2	342 88.3
民國 105 年 2016	322	人 數 Number 百分比 Percentage	216 58.2	37 10.0	12 3.2		16 4.3		40 10.8	321 86.5
民國 106 年 2017	312	人 數 Number 百分比 Percentage	189 51.8	36 9.9	17 4.7	13 3.6	14 3.8	4 1.1	41 11.2	314 86.0
民國 107 年 2018	289	人 數 Number 百分比 Percentage	178 52.0	22 6.4	17 5.0	15 4.4	14 4.1	1 0.3	38 11.1	285 83.3
民國 108 年 2019	312	人 數 Number 百分比 Percentage	173 48.5	41 11.5	20 5.6	32 9.0	10 2.8	1 0.3	39 10.9	316 88.5
民國 109 年 2020	310	人 數 Number 百分比 Percentage	149 40.8	32 8.8	14 3.8	35 9.6	29 7.9	6 1.6	48 13.2	313 85.8
民國 110 年 2021	287	人 數 Number 百分比 Percentage	135 42.7	34 10.8	9 2.8	41 13.0	28 8.9	2 0.6	29 9.2	278 88.0

資料來源：臺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，臺北市部分係臺北市勞動檢查處，桃園市部分係桃園市政府勞動檢查處，  
 臺南市係臺南市職安健康處，臺中市部分係臺中市勞動檢查處，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，110 年全國重大職業災害發生件數為 287 件，傷亡人數計 316 人。

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

Explanation:

With regard to casualties in major occupational accident, the 287 major occupational accidents occurring in 2021 involved 316 casualties

表 7-1 職業安全衛生法重大職業災害各項資料統計分析

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

中華民國97年至110年  
From 2008 to 2021

重 傷 Serious Physical Injury							
臺灣省 Taiwan Province	新北市 New Taipei City	臺北市 Taipei City	桃園市 Taoyuan City	臺中市 Taichung City	臺南市 Tainan City	高雄市 Kaohsiung City	小計 Total
26		-				-	26
6.7		-				-	6.7
11		-				-	11
4.1		-				-	4.1
27		-				-	27
7.9		-				-	7.9
29		-				-	29
8.5		-				-	8.5
24		-				2	26
6.2		-				0.5	6.7
3	1	1		-		3	8
0.9	0.3	0.3		-		0.9	2.4
13	-	-		-		1	14
3.3	-	-		-		0.3	3.6
19	-	2		6		-	27
4.9	-	0.5		1.5		-	6.9
3	-	-		8		1	12
0.8	-	-		2.2		0.3	3.2
6	-	-	-	1	-	1	8
1.6	-	-	-	0.3	-	0.3	2.2
13	2	-	-	3	-	4	22
3.8	1	-	-	0.9	-	1.1	6.3
16	6	-	-	1	-	-	23
4.5	1.7	-	-	0.3	-	-	6.4
9	-	-	1	-	-	1	11
2.5	-	-	0.3	-	-	0.3	3.0
14	1	-	-	5	-	-	20
4.4	0.3	-	-	1.6	-	-	6.3

表 7-1 職業安全衛生法重大職業災害各項資料統計分析(續二完)

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

中華民國97年至110年  
From 2008 to 2021

年 別 Years	項目 Items	輕 傷 Minor Injury							總 計 Total	
		臺灣省 Taiwan Province	新北市 New Taipei City	臺北市 Taipei City	桃園市 Taoyuan City	臺中市 Taichung City	臺南市 Tainan City	高雄市 Kaohsiung City		小計 Total
民國 97 年 2008	人 數 Number	26		-				7	33	389
	百分比 Percentage	6.7		-				1.8	8.5	100.0
民國 98 年 2009	人 數 Number	20		-				1	21	271
	百分比 Percentage	7.4		-				0.3	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				-	9.3	100.0
民國 101 年 2012	人 數 Number	35		-				2	37	392
	百分比 Percentage	8.9	-	-		-		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		-		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	-	0.8		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	-		-		0.5	4.8	100.0
民國 105 年 2016	人 數 Number	31	-	-		3		4	38	371
	百分比 Percentage	8.4	-	-		0.8		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	-	-	0.8	-	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	-	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	-	0.3	0.6	-	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	-	1.4	1.1	0.8	-	4.9	11.2	100.0
民國 110 年 2021	人 數 Number	12	1	-	-	-	-	5	18	316
	百分比 Percentage	3.8	0.3	-	-	-	-	1.6	5.7	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

年 別 Years	合 計 Total			營建工程業 Construction engineering		
	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
	101 年 2012	6,910	329	0.0476	704	151
102 年 2013	7,077	313	0.0442	683	171	0.2504
103 年 2014	9,920	346	0.0349	685	168	0.2453
104 年 2015	10,747	342	0.0318	840	156	0.1857
105 年 2016	11,267	321	0.0285	899	147	0.1635
106 年 2017	11,352	314	0.0277	901	142	0.1576
107 年 2018	10,988	285	0.0259	844	124	0.1469
108 年 2019	11,052	316	0.0286	847	168	0.1983
109 年 2020	11,080	313	0.0282	860	145	0.1686
110 年 2021	11,041	278	0.0252	855	137	0.1602

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
	101 年 2012	2,990	110	0.0368	3,216	68
102 年 2013	3,108	87	0.0280	3,286	55	0.0167
103 年 2014	3,169	90	0.0284	6,066	88	0.0145
104 年 2015	2,919	91	0.0312	6,988	95	0.0136
105 年 2016	3,028	96	0.0317	7,340	78	0.0106
106 年 2017	3,045	88	0.0289	7,406	84	0.0113
107 年 2018	2,961	79	0.0267	7,183	82	0.0114
108 年 2019	2,969	75	0.0253	7,236	73	0.0101
109 年 2020	2,938	87	0.0296	7,282	81	0.0111
110 年 2021	2,936	60	0.0204	7,250	81	0.0112

附 註：

1. 「僱工人數」資料來源：行政院主計總處「110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:  
"2021 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 Government Labor Inspection Office	臺北市 勞動檢查處 Taipei City LaborInspection Office	桃園市政府 勞動檢查處 Taoyuan Office of Labor Inspection, Taoyuan	臺中市 勞動檢查處 Taichung City LaborInspection Office	臺南市政府 勞工局 勞動檢查中心 Occupational Safety and Health Department, Labor Affairs Bureau of Tainan City	高雄市政府 勞工局 勞動檢查處 Labor Standard Inspection Office, Labor Affairs Bureau, Kaohsiung City Government	經濟部 加工出口區 管理處 Export Processing Zone Administration, 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 Cernter of OSHA	竹科 Hsinchu Science Park	中科 Central Taiwan Science Park	南科 Southern Taiwan Science Park							
101 年	329	111	86	85	-	15	-	-	-	22	3	4	2	1
2012 年	313	83	76	67	25	11	-	1	-	47	1	-	-	2
2013 年	346	101	96	49	27	15	-	6	-	47	2	1	1	1
2014 年	342	98	84	47	35	26	-	9	-	40	-	-	2	1
2015 年	321	94	71	41	37	12	-	16	-	40	2	3	2	3
2016 年	314	73	54	59	36	17	13	14	4	41	-	-	3	-
2017 年	285	59	62	54	22	17	15	14	1	38	3	-	-	-
2018 年	316	43	79	44	41	20	32	10	1	39	1	1	2	3
2019 年	313	49	51	45	32	14	35	29	6	48	2	-	2	-
2020 年	278	40	51	39	34	9	41	28	2	29	1	2	-	2
2021 年	27	6	3	3	3	4	3	-	-	5	-	-	-	-
1 月	15	-	3	2	3	-	2	1	-	1	-	1	-	2
2 月	20	2	4	1	1	-	6	-	-	5	1	-	-	-
3 月	24	3	6	5	2	-	4	3	-	1	-	-	-	-
4 月	19	2	1	1	1	1	6	3	1	2	-	1	-	-
5 月	27	3	7	4	2	-	6	3	-	2	-	-	-	-
6 月	23	2	7	2	3	2	1	4	-	2	-	-	-	-
7 月	24	5	5	6	2	-	3	2	-	1	-	-	-	-
8 月	32	6	6	2	5	1	2	7	1	2	-	-	-	-
9 月	17	3	3	4	3	-	1	-	-	3	-	-	-	-
10 月	24	5	2	4	4	-	3	3	-	3	-	-	-	-
11 月	26	3	4	5	5	1	4	2	-	2	-	-	-	-
12 月														
110年12月1日至110年12月31日止較上年同期增減 Increase/decrease compared with last year (from December 1, 2021 to December 31, 2021)	人數 Number	-	-1	-2	3	-	1	2	-	-	-3	-	-	-
	(%)	-	-25%	-33%	150%	-	-	100%	-	-	-60%	-	-	-
110年1月1日至110年12月31日止與上年同期增減 Increase/decrease compared with last year (from January 1, 2021 to December 31, 2021)	人數 Number	-35	-9	-	-6	2	-5	6	-1	-4	-19	-1	2	-2
	(%)	-11%	-18%	-	-13%	6%	-36%	17%	-3%	-67%	-40%	-50%	-	-100%

說明：本年係110年；上年係109年。  
Explanation:  
This year is year 2021; last year was 2020.





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110年  
Year 2021

行 業 別 Industry Type	已 結 案 之 失 能 傷 害 次 數 (人次) Number of Closed Disabling Injury Cases (person-times)								總 損 失 工作 日 數 (日) Number of Working Days Lost	百 分 比 Percentage (%)	失 能 傷 害 嚴 重 率 Disabling Injury Severity Rate (DISR)	總 和 傷 害 指 數 Frequency-Severity Indicator (FSI)
	死 亡 (人) Number of Fatalities	百 分 比 Percentage (%)	永 久 全 失 能 (人) Number of Permanent Disability	百 分 比 Percentage (%)	永 久 全 失 能 (人) Number of Permanent Disability	百 分 比 Percentage (%)	暫 時 全 失 能 (人 次) Number of Temporary Total Disability	百 分 比 Percentage (%)				
全 產 業 Whole Industry	96	100.00	26	100.00	278	100.00	13,048	100.00	742,911	100.00	85	0.36
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	1	1.04	-	-	-	-	31	0.24	7,143	0.96	542	1.15
礦業及土石採取業 Mining and Quarrying	-	-	-	-	3	1.08	13	0.10	182	0.02	27	0.26
製 造 業 Manufacturing	37	38.54	12	46.15	192	69.06	5,464	41.88	344,133	46.32	96	0.39
食品及飼料製造業 Manufacture of Food Products and Animal Feeds	2	2.08	3	11.54	27	9.71	602	4.61	24,868	3.35	126	0.64
飲料製造業 Manufacture of Beverages	-	-	-	-	-	-	28	0.21	994	0.13	56	0.30
菸草製造業 Manufacture of Tobacco Products	-	-	-	-	-	-	1	0.01	14	-	5	0.04
紡 織 業 Manufacture of Textiles	2	2.08	-	-	12	4.32	181	1.39	10,069	1.36	100	0.44
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories	-	-	-	-	1	0.36	23	0.18	733	0.10	34	0.20
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products	-	-	-	-	1	0.36	25	0.19	1,321	0.18	60	0.27
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo	-	-	-	-	1	0.36	25	0.19	850	0.11	165	0.91
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products	2	2.08	-	-	7	2.52	80	0.61	15,949	2.15	339	0.80
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media	-	-	-	-	1	0.36	36	0.28	460	0.06	21	0.19
石油及煤製品製造業 Manufacture of Petroleum and Coal Products	-	-	-	-	-	-	4	0.03	64	0.01	6	0.05
化學原材料、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	9	9.38	1	3.85	2	0.72	133	1.02	63,552	8.55	507	0.76
其他化學製品製造業 Other Chemical Products Manufacturing	-	-	-	-	2	0.72	95	0.73	2,484	0.33	39	0.25
藥品及醫用化學製品製造業 Manufacture of Pharmaceuticals and Medicinal Chemical Products	-	-	-	-	4	1.44	75	0.57	1,347	0.18	29	0.23
橡膠製品製造業 Manufacture of Rubber Products	-	-	-	-	9	3.24	119	0.91	4,089	0.55	76	0.43
塑膠製品製造業 Manufacture of Plastics Products	3	3.13	4	15.38	5	1.80	233	1.79	25,423	3.42	173	0.54
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products	3	3.13	-	-	4	1.44	173	1.33	17,248	2.32	224	0.72
基本金屬製造業 Manufacture of Basic Metals	5	5.21	-	-	10	3.60	290	2.22	34,404	4.63	311	0.93
金屬製品製造業 Manufacture of Fabricated Metal Products	5	5.21	2	7.69	34	12.23	778	5.96	59,229	7.97	192	0.71
電子零組件製造業 Manufacture of Electronic Parts and Components	1	1.04	-	-	8	2.88	987	7.56	22,125	2.98	19	0.13
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products	1	1.04	-	-	3	1.08	324	2.48	10,350	1.39	28	0.16
電力設備製造業 Manufacture of Electrical Equipment	-	-	-	-	13	4.68	193	1.48	9,144	1.23	66	0.31
機械設備製造業 Manufacture of Machinery and Equipment	1	1.04	-	-	23	8.27	445	3.41	16,411	2.21	76	0.41
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts	1	1.04	1	3.85	12	4.32	151	1.16	11,167	1.50	107	0.41
其他運輸工具及其零件製造業 Other Transport Equipment and Parts Manufacturing	1	1.04	1	3.85	4	1.44	213	1.63	6,947	0.94	60	0.34
家具製造業 Manufacture of Furniture	-	-	-	-	2	0.72	29	0.22	1,656	0.22	88	0.38
其他製造業 Other Manufacturing	1	1.04	-	-	6	2.16	201	1.54	2,675	0.36	26	0.23
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment	-	-	-	-	1	0.36	20	0.15	560	0.08	41	0.25
電力及燃氣供應業 Electricity and Gas Supply	-	-	-	-	2	0.72	21	0.16	875	0.12	10	0.05
用水供應及污染整治業 Water Supply and Remediation Activities	3	3.13	1	3.85	1	0.36	235	1.80	23,128	3.11	382	1.23
營建工程業 Construction Engineering	17	17.71	1	3.85	11	3.96	342	2.62	104,207	14.03	523	0.99
批發及零售業 Wholesale and Retail Trade	7	7.29	2	7.69	26	9.35	1,368	10.48	39,544	5.32	47	0.28
運輸及倉儲業 Transportation and Storage	10	10.42	-	-	7	2.52	1,380	10.58	85,099	11.45	113	0.46
住宿及餐飲業 Accommodation and Food Service Activities	-	-	2	7.69	8	2.88	1,328	10.18	18,440	2.48	62	0.53
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	-	-	-	-	2	0.72	134	1.03	2,506	0.34	8	0.06
金融及保險業 Financial and Insurance Activities	2	2.08	-	-	-	-	295	2.26	12,501	1.68	21	0.10
不動產業 Real Estate Activities	2	2.08	-	-	2	0.72	220	1.69	7,141	0.96	98	0.55
專業、科學及技術服務業 Professional, Scientific and Technical Activities	3	3.13	-	-	2	0.72	167	1.28	15,315	2.06	58	0.19
支援服務業 Support Service Activities	9	9.38	8	30.77	11	3.96	527	4.04	35,458	4.77	95	0.38
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security	1	1.04	-	-	2	0.72	340	2.61	7,958	1.07	68	0.45
教育業 Education	2	2.08	-	-	2	0.72	128	0.98	9,321	1.25	23	0.09
醫療保健及社會工作服務業 Human Health and Social Work Activities	1	1.04	-	-	4	1.44	819	6.28	19,677	2.65	30	0.20
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	-	2	0.72	142	1.09	1,047	0.14	27	0.32
其他服務業 Other Service Activities	1	1.04	-	-	1	0.36	94	0.72	9,236	1.24	141	0.45

表 8-2 職業災害統計  
Table 8-2 Occupational accident

中華民國  
Year

項目別 Items	行業別 比率 Industry Type Ratio (%)	總計 Total	墜落 滾落 Falling Down	跌倒 Mater Dropping	衝撞 Crash or Dash	物體 飛落 Falling Objects	物體 倒塌 崩塌 Collapsing 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
職業災害類型比率(%) Occupational Accident Type Ratio (%)	100.00		5.10	22.65	3.95	3.23	2.38	6.58	13.12	14.13	0.96	0.02
全產業 Whole Industry		13,448	686	3,046	531	434	320	885	1,764	1,900	129	3
農、林、漁、牧業 and Animal Husbandry	0.24	32	2	8	1	-	-	3	2	6	-	1
礦業及土石採取業 Mining and Quarrying	0.12	16	1	4	-	1	-	1	2	3	-	-
製造業 Manufacturing	42.42	5,705	252	1,017	200	242	155	379	1,336	946	42	-
食品及飼料製造業 Manufacture of Food Products and Animal Feeds	4.71	634	22	160	28	16	16	23	106	112	5	-
飲料製造業 Manufacture of Beverages	0.21	28	2	10	1	-	1	3	4	2	1	-
菸草製造業 Manufacture of Tobacco Products	0.01	1	-	-	-	-	-	-	-	1	-	-
紡織業 Manufacture of Textiles	1.45	195	9	27	11	1	3	8	62	37	1	-
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories	0.18	24	-	6	-	-	1	6	2	1	-	-
皮革、毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products	0.19	26	-	5	-	1	-	-	7	5	1	-
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo	0.19	26	-	2	1	-	2	3	10	4	-	-
紙漿、紙及紙製品製造業 Manufacture of Paper and Paper Products	0.66	89	4	14	2	2	1	3	39	14	-	-
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Media	0.28	37	-	3	2	1	1	1	17	5	-	-
石油及煤製品製造業 Manufacture of Petroleum and Coal Products	0.03	4	-	1	-	-	-	-	-	-	-	-
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	1.08	145	7	31	5	3	3	8	24	10	-	-
其他化學製品製造業 Other Chemical Products Manufacturing	0.72	97	1	18	2	8	2	8	18	11	-	-
藥品及醫用化學製品製造業 Manufacture of Pharmaceuticals and Medicinal Chemical Products	0.59	79	1	14	2	-	2	5	19	15	-	-
橡膠製品製造業 Manufacture of Rubber Products	0.95	128	9	14	5	6	2	7	37	26	-	-
塑膠製品製造業 Manufacture of Plastics Products	1.82	245	15	35	11	6	1	14	69	50	3	-
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products	1.34	180	13	21	4	11	8	9	33	36	3	-
基本金屬製造業 Manufacture of Basic Metals	2.27	305	23	38	2	20	12	18	89	42	2	-
金屬製品製造業 Manufacture of Fabricated Metal Products	6.09	819	29	104	24	35	33	62	239	149	5	-
電子零組件製造業 Manufacture of Electronic Parts and Components	7.41	996	44	243	50	49	15	83	171	131	7	-
電腦、電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products	2.44	328	12	86	22	17	5	22	45	55	3	-
電力設備製造業 Manufacture of Electrical Equipment	1.53	206	11	30	2	9	7	17	61	37	2	-
機械設備製造業 Manufacture of Machinery and Equipment	3.49	469	24	52	11	32	22	27	106	98	5	-
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts	1.23	165	3	24	5	10	5	14	58	19	1	-
其他運輸工具及其零件製造業 Other Transport Equipment and Parts Manufacturing	1.63	219	12	38	5	9	5	12	55	39	1	-
家具製造業 Manufacture of Furniture	0.23	31	2	1	-	-	2	-	12	9	1	-
其他製造業 Other Manufacturing	1.55	208	6	36	3	6	6	22	50	35	1	-
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment	0.16	21	3	4	2	-	-	4	3	3	-	-
電力及燃氣供應業 Electricity and Gas Supply	0.17	23	-	2	-	1	1	1	-	1	1	-
用水供應及污染整治業 Water Supply and Remediation Activities	1.78	240	24	51	6	5	2	12	20	47	1	-
營建工程業 Construction Engineering	2.76	371	66	74	13	22	26	17	49	37	10	1
批發及零售業 Wholesale and Retail Trade	10.43	1,403	79	335	70	54	39	129	115	221	13	-
運輸及倉儲業 Transportation and Storage	10.39	1,397	117	349	85	28	36	83	95	67	18	1
住宿及餐飲業 Accommodation and Food Service Activities	9.95	1,338	24	264	32	28	26	48	45	326	8	-
出版、影音製作、傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	1.01	136	14	35	16	1	2	25	3	15	3	-
金融及保險業 Financial and Insurance Activities	2.21	297	3	110	15	3	3	18	4	13	1	-
不動產業 Real Estate Activities	1.67	224	6	43	5	1	-	13	8	11	2	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1.28	172	13	51	7	7	5	4	4	13	3	-
支援服務業 Support Service Activities	4.13	555	18	210	33	7	10	57	25	35	7	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security	2.55	343	26	64	15	9	3	22	17	56	13	-
教育業 Education	0.98	132	11	67	1	1	3	7	2	11	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	6.13	824	10	297	26	19	5	45	23	57	6	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	1.07	144	8	37	2	3	3	2	9	28	1	-
其他服務業 Other Service Activities	0.71	96	12	28	4	2	1	19	5	7	-	-

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 the 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

災害類型按行業  
type by industry

110年  
2021

單位：人次  
Unit: person-times

與高溫、低溫之接觸 Hot or Low Temperature	與有害物等之接觸 Contact with Hazard	感電 Electrical Shock	爆炸 Explosion	物體破裂 Breaking	火災 Fire	不當動作 Improper Act	其他 Others	無法歸類者 Unclassifiable	交通事故 Traffic Accident			
									公路 Highway	鐵路 Railway	船舶、航空器 Sea or Airborne	其他 Others
									4.45	1.55	0.22	0.10
598	208	30	13	28	17	699	910	149	825	3	-	270
-	-	-	-	-	-	1	2	4	-	-	-	2
1	-	-	-	-	-	1	2	-	-	-	-	-
208	157	16	3	22	14	305	263	28	83	1	-	36
53	10	-	-	2	-	45	25	4	4	-	-	3
1	1	-	-	-	-	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
9	2	1	-	-	-	6	17	-	1	-	-	-
2	-	-	-	-	-	2	-	-	3	-	-	1
1	1	-	-	-	-	2	2	-	-	-	-	1
1	-	-	-	-	-	1	-	-	1	-	-	1
2	-	1	-	-	-	5	2	-	-	-	-	-
-	2	-	-	-	-	3	1	-	-	-	-	1
1	-	-	-	-	-	-	1	-	-	-	-	1
15	8	-	-	12	2	7	4	2	4	-	-	-
5	9	-	1	-	-	9	5	-	-	-	-	-
6	5	-	-	-	1	5	3	-	1	-	-	-
7	-	-	-	-	1	5	7	-	1	-	-	1
6	4	2	-	-	1	15	9	2	1	-	-	1
10	2	-	-	-	-	10	14	2	3	-	-	1
30	4	1	-	-	3	9	8	1	1	-	-	2
23	18	2	1	4	2	44	32	1	8	1	-	3
12	65	1	-	-	-	48	37	4	26	-	-	10
5	8	1	-	-	2	12	21	2	7	-	-	3
1	3	2	-	1	-	13	8	1	1	-	-	-
3	5	4	-	1	2	29	34	1	8	-	-	5
3	-	-	-	-	-	10	10	2	1	-	-	-
7	7	-	1	2	-	7	9	3	5	-	-	2
1	-	-	-	-	-	-	1	-	2	-	-	-
4	2	1	-	-	-	17	12	3	4	-	-	-
-	1	-	-	-	-	-	-	-	1	-	-	-
1	1	3	-	-	-	-	-	1	8	-	-	2
2	1	1	-	1	-	13	17	8	17	-	-	12
3	1	-	1	-	1	9	16	4	18	-	-	3
49	10	2	1	1	-	86	80	21	78	-	-	20
13	9	1	-	2	-	96	139	12	194	2	-	50
269	10	2	1	-	-	64	62	7	115	-	-	7
-	-	-	-	-	1	5	4	-	9	-	-	3
1	-	-	-	-	-	3	11	2	59	-	-	51
4	-	-	2	-	-	3	14	6	85	-	-	21
5	2	-	-	1	-	7	23	7	9	-	-	11
-	2	3	2	1	-	25	49	9	43	-	-	19
1	1	1	2	-	1	13	30	9	47	-	-	13
4	3	-	-	-	-	5	9	2	4	-	-	2
14	9	1	-	-	-	55	172	29	47	-	-	9
20	2	-	1	-	-	7	15	-	4	-	-	2
3	-	-	-	-	-	1	2	-	5	-	-	7

表 8-3 職業

Table 8-3 Relationship between industry

中華民國  
Year

項目別 Items	總計 Total	動力機械 Dynamical Machine					裝卸搬運機械 Loading, Unloading and Transportation			
		原動機 Prime Mover	動力傳導 裝置 Power Transmission	木材 加工 機械 Wood Processing Machine	營造 機械 Construction Machinery	一般動力 機械 General Dynamical Machine	起重機械 Hoist and Crane	動力搬運 機械 Machines Handled by Workers	交通 工具 Transportatio n	
媒介物比率(%) Ratio of Sources of Injuries (%)	100.00	0.47	4.17	1.27	0.62	6.98	1.27	3.87	15.19	
全產業 Whole Industry	13,448	63	561	171	83	938	171	521	2,043	
農·林·漁·牧業 Agriculture, Forestry, Fishing and Animal Husbandry	32	-	1	1	-	1	-	1	3	
礦業及土石採取業 Mining and Quarrying	16	-	3	-	-	1	-	-	-	
製造業 Manufacturing	5,705	38	453	87	41	832	100	292	363	
食品及飼料製造業 Manufacture of Food Products and Animal Feeds	634	-	49	12	1	64	3	37	39	
飲料製造業 Manufacture of Beverages	28	-	2	1	-	-	-	2	-	
菸草製造業 Manufacture of Tobacco Products	1	-	-	1	-	-	-	-	-	
紡織業 Manufacture of Textiles	195	2	39	3	-	17	1	7	8	
成衣及服飾品製造業 Manufacture of Wearing Apparel And Clothing Accessories	24	-	3	-	-	-	-	1	10	
皮革·毛皮及其製品製造業 Manufacture of Leather, Fur and Related Products	26	-	2	-	-	3	-	2	2	
木竹製品製造業 Manufacture of Wood and of Products of Wood and Bamboo	26	-	7	2	-	1	-	2	3	
紙漿·紙及紙製品製造業 Manufacture of Paper and Paper Products	89	3	16	1	1	8	5	11	3	
印刷及資料儲存媒體複製業 Printing and Reproduction of Recorded Medias	37	-	9	-	1	10	1	-	3	
石油及煤製品製造業 Manufacture of Petroleum and Coal Products	4	-	-	-	-	-	-	-	2	
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	145	1	10	1	1	3	3	10	8	
其他化學製品製造業 Other Chemical Products Manufacturing	97	-	9	-	-	8	2	9	2	
藥品及醫用化學製品製造業 Manufacture of Pharmaceuticals and Medicinal Chemical Products	79	-	8	-	-	5	1	8	3	
橡膠製品製造業 Manufacture of Rubber Products	128	-	15	5	-	24	4	10	7	
塑膠製品製造業 Manufacture of Plastics Products	245	2	27	8	3	41	3	12	19	
非金屬礦物製品製造業 Manufacture of Other Non-Metallic Mineral Products	180	2	18	-	5	6	7	14	8	
基本金屬製造業 Manufacture of Basic Metals	305	-	19	5	5	39	8	16	9	
金屬製品製造業 Manufacture of Fabricated Metal Products	819	13	60	16	7	200	31	42	25	
電子零組件製造業 Manufacture of Electronic Parts and Components	996	5	59	4	4	101	10	27	87	
電腦·電子產品及光學製品製造業 Manufacture of Computers, Electronic and Optical Products	328	1	17	1	1	27	1	19	36	
電力設備製造業 Manufacture of Electrical Equipment	206	1	26	4	1	43	2	11	12	
機械設備製造業 Manufacture of Machinery and Equipment	469	5	22	10	6	103	8	19	24	
汽車及其零件製造業 Manufacture of Motor Vehicles and Parts	165	1	8	-	2	46	6	9	7	
其他運輸工具及其零件製造業 Other Transport Equipment and Parts Manufacturing	219	-	11	2	2	49	1	7	17	
家具製造業 Manufacture of Furniture	31	-	5	2	1	5	-	3	2	
其他製造業 Other Manufacturing	208	2	10	8	-	29	3	12	22	
產業用機械設備維修及安裝業 Repair and Installation of Industrial Machinery and Equipment	21	-	2	1	-	-	-	2	5	
電力及燃氣供應業 Electricity and Gasupply	23	-	-	-	-	1	-	-	10	
用水供應及污染整治業 Waterupply&Remediation Activities	240	-	7	1	3	4	2	11	57	
營建工程業 Construction Engineering	371	3	8	10	14	8	13	13	44	
批發及零售業 Wholesale and Retail Trade	1,403	6	36	21	5	52	16	39	228	
運輸及倉儲業 Transportation and Storage	1,397	4	13	13	5	10	22	105	402	
住宿及餐飲業 Accommodation and Food Service Activities	1,338	3	9	10	5	3	4	8	170	
出版·影音製作·傳播及資訊服務業 Publishing, Audio and Video Production, Broadcasting, Information and Communication	136	5	2	1	-	-	2	1	44	
金融及保險業 Financial and Insurance Activities	297	1	1	-	-	1	-	11	149	
不動產業 Real Estate Activities	224	1	4	1	1	-	1	1	123	
專業·科學及技術服務業 Professional, Scientific and Technical Activities	172	-	3	-	2	4	2	3	36	
支援服務業 Support Service Activities	555	1	10	4	2	13	3	13	164	
公共行政及國防·強制性社會安全 Public Administration and Defence; Compulsoryocialecurity	343	-	-	11	2	1	4	17	84	
教育業 Education	132	-	1	2	-	3	-	1	17	
醫療保健及社會工作服務業 Human Health and Social Work Activities	824	-	10	4	3	2	2	3	104	
藝術·娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	144	1	-	4	-	1	-	1	9	
其他服務業 Other Service Activities	96	-	-	1	-	1	-	1	36	

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 the 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

其他設備 Other Equipment								營建 Construction	物質材料 Materials		貨物 Cargo	環境 Environment	其他類 Others		
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 Manpower and Machine Tools	用具 Utensils	其他 設備 Other Equipment	營建物 及施工 設備 Construction and Building	危險 物有 害物 Dangerous And Harmful	材料 Material	運搬 物體 Objects Carried	環境 Environment	其他 媒介物 Other Agencies	無媒 介物 無媒介物 Other Agencies	不能 分類 Unclassifiable
0.77	0.28	0.13	0.15	0.59	3.66	4.71	3.52	7.44	1.78	6.73	2.22	6.57	15.50	5.88	6.23
103	37	18	20	80	492	633	473	1,001	239	905	299	884	2,084	791	838
-	-	-	-	-	2	2	3	1	-	1	-	3	8	3	2
-	-	-	-	-	-	-	-	1	-	11	-	-	-	-	-
56	32	12	9	35	258	295	269	386	174	558	128	279	555	203	250
8	1	1	1	6	30	33	36	49	10	22	18	64	80	26	44
1	-	-	-	-	2	2	2	3	1	2	-	6	1	1	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	1	-	-	16	13	10	13	5	6	5	12	27	4	4
1	-	-	1	-	-	1	-	2	-	-	-	-	1	1	3
-	-	-	-	-	1	1	2	-	1	1	-	-	8	2	1
-	-	-	-	-	3	-	-	-	-	6	-	-	-	-	2
-	1	-	-	-	2	4	2	3	-	3	-	3	12	3	8
-	-	-	-	-	2	1	3	1	1	1	-	-	1	-	3
-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
12	2	-	-	-	5	9	4	15	12	6	2	10	19	9	3
5	4	-	-	-	7	7	2	6	6	2	6	4	7	5	6
4	2	-	-	1	3	5	5	5	4	5	3	3	10	1	3
-	-	-	-	-	9	8	13	5	1	7	3	3	10	2	2
1	1	-	-	3	19	11	14	15	7	12	4	5	21	7	10
3	1	1	-	1	8	9	4	11	3	35	4	5	15	16	4
3	-	1	3	1	10	16	19	10	10	67	5	16	26	8	9
3	-	2	1	5	22	45	19	49	22	140	13	19	48	20	17
3	19	-	3	3	33	55	74	92	60	56	29	64	116	43	49
-	-	2	-	2	10	14	13	27	10	27	7	9	65	27	12
1	-	1	-	3	10	9	5	15	3	19	9	8	9	5	9
2	-	-	-	6	26	22	8	26	6	89	8	11	28	13	27
-	-	1	-	-	9	7	5	10	2	22	2	9	11	2	6
4	-	1	-	1	18	12	11	18	4	15	3	11	15	4	13
-	-	1	-	-	2	1	1	1	-	3	-	1	1	-	2
3	-	-	-	3	9	10	13	10	5	11	6	15	22	4	11
-	-	-	-	-	1	-	4	-	1	1	1	1	2	-	-
-	-	-	-	4	-	1	-	3	1	-	-	1	-	1	1
1	-	-	-	1	7	4	2	8	1	30	4	19	36	18	24
-	-	1	-	7	11	27	18	86	6	45	13	12	11	11	10
10	3	2	3	7	58	103	44	110	11	75	45	70	266	108	85
2	-	1	-	4	22	45	46	107	10	44	72	103	195	100	72
24	-	-	4	1	88	54	41	58	14	47	7	177	396	89	126
-	-	-	-	2	3	14	4	12	-	8	4	4	15	9	6
-	-	-	-	-	2	3	4	19	-	2	2	16	24	37	25
1	-	-	3	2	7	7	4	17	2	2	2	4	16	11	14
1	-	-	-	2	3	8	1	20	3	8	2	9	28	10	27
2	1	1	-	6	9	20	7	65	1	13	12	28	97	45	38
3	-	-	-	1	4	5	4	6	3	26	2	26	84	34	26
1	-	-	-	-	3	10	-	30	1	7	1	20	9	24	2
1	1	1	-	6	8	18	20	62	10	20	3	87	265	76	118
1	-	-	1	1	1	7	3	5	2	7	-	21	66	7	6
-	-	-	-	1	6	10	3	5	-	1	2	5	13	5	6

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 110年  
Year 2021

單位：人次  
Unit: person-times

項目別 Items	災害類型 Accident Type Ratio (%)	總計 Total	動力機械 Dynamical Machine					裝卸搬運機械 Loading, Unloading and Transportation Machine			其他設備 Other Equipment							營建 Construction	物質材料 Materials		貨物 Cargo	環境 Environment	其他類 Others				
			原動機 Prime Mover	動力傳導裝置 Power Transmission Apparatus	木材加工機械 Wood Processing Machine	營造機械 Construction Machinery	一般動力機械 General Dynamical Machine	起重機械 Hoist and Crane	動力搬運機械 Machines Handled by Workers	交通運輸工具 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 Manpower and Machine Tools	用具 Utensils	其他設備 Other Equipment	營建物及施工設備 Construction and Building Equipment	危險物有害物 Dangerous And Harmful Substances	材料 Material	運搬物體 Objects Carried	環境 Environment	其他媒介物 Other Agencies	無媒介物 Other Agencies	不能分類 Unclassifiable	
各媒介物所占比率(%) Percentage of Each Source of Injuries (%)	100.00		0.47	4.17	1.27	0.62	6.98	1.27	3.87	15.19	0.77	0.28	0.13	0.15	0.59	3.66	4.71	3.52	7.44	1.78	6.73	2.22	6.57	15.50	5.88	6.23	
總計 Total		13,448	63	561	171	83	938	171	521	2,043	103	37	18	20	80	492	633	473	1,001	239	905	299	884	2,084	791	838	
墜落、滾落 Falling Down	5.10	686	1	12	2	6	7	15	52	45	3	1	1	2	1	1	190	13	162	2	8	4	23	56	50	29	
墜落、滾落 Mater Dropping	22.65	3,046	8	34	10	14	19	20	56	288	5	-	2	-	21	13	107	44	583	3	101	24	434	522	465	273	
衝撞 Crash or Dash	3.95	531	8	11	7	3	13	7	51	192	-	-	2	-	1	19	12	23	32	2	26	5	17	74	5	21	
物體飛落 Falling Objects	3.23	434	-	21	3	5	15	11	9	-	2	1	1	-	2	14	32	27	17	1	112	42	10	82	3	24	
物體倒塌、崩塌 Collapsing Objects	2.38	320	1	6	1	-	5	9	18	3	5	-	-	-	3	20	19	29	28	-	47	45	8	55	-	18	
被撞 Crashed	6.58	885	5	15	7	6	37	19	113	400	4	-	-	-	2	32	31	36	14	1	37	14	6	82	2	22	
被夾、被捲 Rolling-Up	13.12	1,764	27	325	28	26	511	57	113	46	5	4	2	-	11	53	48	138	40	1	91	28	13	154	1	42	
被刺、割、擦傷 Stabbing, Cutting and Abrasion	14.13	1,900	8	72	91	6	220	15	27	24	6	2	2	-	6	284	127	82	25	-	328	25	42	397	17	94	
踩踏 Tread Down	0.96	129	1	2	1	1	1	2	7	2	-	-	-	-	-	1	10	1	44	-	9	-	10	18	14	5	
溺斃 Drown	0.02	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	
與高溫、低溫之接觸 Hot or Low Temperature	4.45	598	1	14	2	5	14	1	3	5	48	3	5	16	7	1	7	19	3	28	38	-	203	134	7	34	
與有害物等之接觸 Contact with Hazard	1.55	208	-	2	-	-	1	-	-	-	1	22	-	-	-	-	2	-	-	158	3	1	2	14	1	1	
感電 Electrical Shock	0.22	30	-	2	-	-	1	-	-	1	-	-	-	19	-	-	2	-	-	-	1	-	2	-	-	2	
爆炸 Explosion	0.10	13	-	-	-	-	2	-	-	-	-	1	-	2	1	-	-	1	-	-	5	-	-	1	-	-	
物體破裂 Breaking	0.21	28	-	-	-	-	3	-	3	-	14	-	-	-	1	-	-	-	1	-	6	-	-	-	-	-	
火災 Fire	0.13	17	-	-	1	-	-	-	-	-	-	1	-	-	1	-	1	-	-	9	-	-	-	3	1	-	
不當動作 Improper Act	5.20	699	2	13	3	5	55	10	18	20	5	1	-	-	2	38	27	26	26	7	59	89	19	137	74	63	
其他 Others	6.77	910	1	29	10	6	31	5	33	58	1	1	3	-	1	16	19	29	20	21	33	21	74	290	93	115	
無法歸類者 Unclassifiable	1.11	149	-	-	2	-	1	-	2	3	-	-	-	-	1	-	1	2	2	1	3	1	4	16	33	77	
交通事故 Traffic Accident																											
公路、鐵路事故 Road and Railway Accidents	6.16	828	-	2	2	-	1	-	8	729	2	-	-	-	-	-	-	-	3	-	2	-	10	39	19	11	
船航事故及其他 Ship Navigation Accidents and Others	2.01	270	-	1	1	-	1	-	8	226	2	-	-	-	-	-	-	1	1	-	1	-	5	10	6	7	

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. 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 110 年  
Year 2021

單位：人次  
Unit: person-times

項目別 Items	災害 類型 比率 Accident Type Ratio (%)	總計 Total	動力機械 Dynamical Machine					裝卸搬運機械 Loading, Unloading and Transportation Machine			其他設備 Other Equipment							營建 Construction	物質 材料 Materials		貨物 Cargo	環境 Environment	其他類 Others			
			原動機 Prime Mover	動力 傳導 裝置 Power Transmission Apparatus	木材 加工 機械 Wood Processing Machine	營造 機械 Construction Machinery	一般 動力 機械 General Dynamical Machine	起重 機械 Hoist and Crane	動力 搬運 機械 Machines Handled by Workers	交通 工具 Transportation Tools	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 物有害 物質 Dangerous And Harmful Substance	材料 Material	運搬 物體 Objects Carried	環境 Environment	其他 媒介物 Other Agencies	無媒 介物 無媒介物 Other Agencies	不能 分類 Unclassifiable
各媒介物所占比率(%) Percentage of Each Source of Injuries (%)	100.00		0.67	7.94	1.52	0.72	14.58	1.75	5.12	6.36	0.98	0.56	0.21	0.16	0.61	4.52	5.17	4.72	6.77	3.05	9.78	2.24	4.89	9.73	3.56	4.38
總計 Total		5,705	38	453	87	41	832	100	292	363	56	32	12	9	35	258	295	269	386	174	558	128	279	555	203	250
墜落、滾落 Falling Down	4.42	252	-	8	-	2	6	7	17	6	2	1	1	2	1	58	7	64	2	4	1	10	22	17	13	
跌倒 Mater Dropping	17.83	1,017	2	13	2	8	15	8	26	78	2	-	1	-	7	10	59	26	229	3	43	10	149	125	126	75
衝撞 Crash or Dash	3.51	200	3	8	2	2	11	3	29	52	-	-	1	-	-	12	9	9	9	2	14	1	3	23	1	6
物體飛落 Falling Objects	4.24	242	-	18	2	2	10	10	6	-	-	1	1	-	1	11	24	11	6	1	82	15	5	27	2	7
物體倒塌、崩塌 Collapsing Objects	2.72	155	1	3	-	-	4	3	10	-	5	-	-	-	2	11	8	14	11	-	32	22	4	19	-	6
被撞 Crashed	6.64	379	2	13	4	3	34	16	72	89	1	-	-	-	-	24	20	22	7	-	26	4	3	33	-	6
被夾、被捲 Rolling-Up	23.42	1,336	21	293	23	18	464	38	79	11	4	4	2	-	6	35	30	89	15	1	72	17	10	80	1	23
被刺、割、擦傷 Stabbing, Cutting and Abrasion	16.58	946	6	59	48	1	193	7	20	4	4	-	1	-	-	119	55	49	11	-	187	8	9	122	10	33
踩踏 Tread Down	0.74	42	1	2	-	-	1	1	3	1	-	-	-	-	-	1	4	-	17	-	4	-	3	-	3	1
溺斃 Drown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
與高溫、低溫之接觸 Hot or Low Temperature	3.65	208	-	10	-	2	12	1	2	1	19	3	2	7	5	1	2	9	1	22	25	-	57	15	1	11
與有害物等之接觸 Contact with Hazard	2.75	157	-	2	-	-	1	-	-	-	1	20	-	-	-	-	2	-	-	120	2	1	1	7	-	-
電擊 Electrical Shock	0.28	16	-	1	-	-	1	-	-	-	-	-	-	-	9	-	-	2	-	-	1	-	1	-	-	1
爆炸 Explosion	0.05	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-	-
物體破裂 Breaking	0.39	22	-	-	-	-	3	-	2	-	13	-	-	-	1	-	-	-	1	-	2	-	-	-	-	-
火災 Fire	0.25	14	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	8	-	-	-	3	1	-
不當動作 Improper Act	5.35	305	2	7	1	1	49	5	9	3	5	1	-	-	2	26	9	15	5	6	43	42	2	31	21	20
其他 Others	4.61	263	-	15	3	2	27	1	15	11	-	1	3	-	-	7	15	14	9	8	20	7	19	42	13	31
無法歸類者 Unclassifiable	0.49	28	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	1	-	1	-	1	3	6	13
交通事故 Traffic Accident																										
公路、鐵路事故 Road and Railway Accidents	1.47	84	-	1	-	-	-	-	-	74	-	-	-	-	-	-	-	-	-	-	-	-	2	3	1	3
船舶事故及其他 Ship Navigation Accidents	0.63	36	-	-	-	-	-	-	2	32	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1

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

Explanation:

1. 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110年  
Year2021

單位：部位數  
Unit: number of body parts

項目別	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 (%) Injured Body Part Ratio (%)	100.00		7.01	2.80	1.15	2.74	0.80	1.03	3.41	1.63	2.50	2.29	1.58	3.09	14.12	16.05	0.70	2.25	0.13	0.77	6.91	8.06	15.37	0.29	0.49	4.83	
總 計 Total		17,583	1,233	493	203	482	141	181	599	286	440	402	277	544	2,482	2,822	123	395	23	136	1,215	1,417	2,703	51	86	849	
墜 落、滾 落 Falling Down	5.74	1,010	136	24	31	33	7	9	53	23	50	43	56	60	75	23	6	33	2	11	52	90	158	2	6	27	
跌 倒 Mater Dropping	23.62	4,153	248	87	49	165	32	66	214	71	152	86	63	174	393	73	16	199	7	67	540	359	914	7	11	160	
衝 撞 Crash or Dash	4.50	792	141	34	6	28	9	4	40	11	12	33	22	13	72	32	8	10	-	7	72	88	106	3	7	34	
物 體 飛 落 Falling Objects	2.86	503	91	22	5	11	1	7	2	5	3	4	2	11	44	56	3	3	1	2	15	28	151	3	-	33	
物 體 倒 塌、崩 塌 Collapsing Objects	2.32	408	45	10	5	15	1	2	3	2	7	9	5	18	28	25	4	12	-	6	18	62	116	1	5	9	
被 撞 Crashed	7.70	1,354	153	38	17	41	28	10	59	21	18	49	34	34	119	55	16	35	6	15	132	169	231	7	11	56	
被 夾、被 捲 Rolling-Up	11.14	1,958	15	3	4	6	2	8	18	36	36	14	4	6	446	1,194	4	6	-	2	1	24	112	1	2	14	
被 刺、割、擦 傷 Stabbing, Cutting and	11.42	2,008	42	39	2	5	1	8	21	31	39	2	2	3	525	1,011	4	10	-	3	27	104	78	1	1	49	
踩 踏 Tread Down	0.82	145	1	1	-	3	-	1	6	2	3	1	2	3	6	4	-	1	-	-	8	13	83	-	-	7	
溺 斃 Drown	0.02	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	
與 高 溫、低 溫 之 接 觸 Hot or Low Temperature	4.49	790	12	40	20	3	1	22	17	41	17	18	-	17	245	46	18	18	-	2	13	81	138	-	2	19	
與 有 害 物 等 之 接 觸 Contact with Hazard	1.51	265	32	35	8	3	-	4	3	3	-	8	-	6	15	7	3	4	1	-	4	23	16	1	7	82	
感 電 Electrical Shock	0.27	48	4	2	-	1	-	-	-	2	-	-	-	1	14	8	1	3	-	-	-	6	1	1	1	3	
爆 炸 Explosion	0.10	18	1	4	-	1	-	2	2	-	-	2	-	-	2	-	-	-	-	-	-	2	1	-	-	1	
物 體 破 裂 Breaking	0.24	43	7	1	1	1	1	1	-	-	-	7	6	6	5	-	-	-	-	-	-	1	-	-	-	6	
火 災 Fire	0.16	28	-	2	-	-	-	-	-	2	1	-	-	1	5	-	-	1	-	-	-	7	3	1	-	5	
不 當 動 作 Improper Act	4.45	782	40	17	7	34	-	9	20	3	33	7	2	102	75	119	6	8	-	4	30	43	135	-	1	87	
其 他 Others	6.13	1,077	119	45	20	21	5	6	14	5	19	28	7	43	128	124	6	19	-	5	45	81	164	11	8	154	
無 法 歸 類 者 Unclassifiable	1.05	185	20	11	2	3	4	3	4	2	4	9	-	7	17	13	2	4	-	-	5	8	19	5	7	36	
交 通 事 故 Traffic Accident																											
公 路、鐵 路 事 故 Road and Railway	8.57	1,507	106	61	20	82	37	16	89	22	34	60	54	22	203	27	18	25	3	11	187	176	191	5	15	43	
船 航 事 故 及 其 他 Ship Navigation Accidents and Others	2.88	506	20	17	6	26	12	3	34	4	12	22	18	17	65	5	8	4	3	1	66	52	86	1	2	22	

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

2. Injured Body Part Ratio = number of each injured body parts ÷ total injured to body part × 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110年  
Year 2021

單位：部位數  
Unit: number of body parts

項目別	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 (%) Injured Body Part Ratio (%)	100.00		6.53	3.04	0.96	1.93	0.44	0.96	2.76	1.72	2.17	2.02	1.19	2.77	16.12	24.76	0.63	1.80	0.11	0.60	4.65	6.42	13.06	0.30	0.31	4.75
總計 Total		6,996	457	213	67	135	31	67	193	120	152	141	83	194	1,128	1,732	44	126	8	42	325	449	914	21	22	332
墜落、滾落 Falling Down	5.27	369	42	6	9	11	3	5	18	10	13	14	20	27	33	12	1	19	2	4	13	35	58	1	3	10
跌落、倒塌 Material Dropping	19.34	1,353	84	31	12	57	9	21	77	24	39	33	23	59	145	27	5	55	2	23	179	101	286	3	5	53
衝撞 Crash or Dash	3.87	271	57	16	2	5	4	1	14	5	5	13	6	5	20	14	4	2	-	-	19	30	33	2	2	12
物體飛落 Falling Objects	3.97	278	45	11	3	3	-	5	-	5	2	2	2	7	27	34	3	3	-	-	10	15	89	1	-	11
物體倒塌、崩塌 Collapsing Objects	2.80	196	17	6	3	8	1	-	1	1	2	5	2	8	11	18	4	6	-	4	5	31	58	1	-	4
被撞 Crashed	7.28	509	69	14	7	8	4	5	21	4	8	13	11	11	38	35	6	11	3	8	33	65	113	3	-	19
被夾、被捲 Rolling-Up	21.26	1,487	11	3	1	2	1	5	14	30	27	9	3	4	363	939	4	5	-	2	-	14	42	-	1	7
被刺、割、擦傷 Stabbing, Cutting and Abrasion	14.31	1,001	28	28	1	2	1	4	16	18	23	-	-	1	274	466	2	5	-	-	13	48	44	1	1	25
踩踏 Tread Down	0.70	49	-	1	-	-	-	-	1	-	1	1	-	-	2	2	-	1	-	-	4	7	26	-	-	3
溺斃 Drown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
與高溫、低溫之接觸 Hot or Low Temperature	4.43	310	6	26	14	3	1	8	5	12	7	12	-	11	83	21	8	6	-	-	3	37	35	-	2	10
與有害物等之接觸 Contact with Hazard	2.96	207	26	31	7	3	-	3	2	2	-	8	-	6	13	6	3	4	1	-	1	15	8	-	3	65
感電 Electrical Shock	0.37	26	-	2	-	-	-	-	-	2	-	-	-	-	8	6	1	1	-	-	-	2	1	1	1	1
爆炸 Explosion	0.04	3	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
物體破裂 Breaking	0.53	37	6	-	1	1	1	1	-	-	-	7	6	6	3	-	-	-	-	-	-	1	-	-	-	4
火災 Fire	0.33	23	-	2	-	-	-	-	-	2	1	-	-	1	4	-	-	-	-	-	-	5	3	1	-	4
不當動作 Improper Act	4.86	340	15	11	2	10	-	6	7	1	11	4	2	35	36	89	2	1	-	-	5	14	49	-	1	39
其他 Others	4.19	293	27	10	1	5	-	2	4	1	4	6	1	8	42	56	-	4	-	-	10	8	48	3	1	52
無法歸類者 Unclassifiable	0.46	32	5	-	-	-	-	-	1	1	2	3	-	1	2	4	-	-	-	-	-	2	1	3	-	7
交通事故 Traffic Accident																										
公路、鐵路事故 Road and Railway Accidents	2.22	155	16	12	3	13	2	1	10	1	5	7	4	4	17	3	1	3	-	1	25	11	12	-	2	2
船航事故及其他 Ship Navigation Accidents and Others	0.81	57	3	2	1	4	4	-	2	1	2	4	3	-	6	-	-	-	-	-	5	8	8	1	-	3

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

2. Injured Body Part Ratio = number of each injured body parts ÷ total injured to body part × 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 110 年  
Year 2021

單位：件  
Unit: case

行業別 Industry Type	總計 Total			墜落、滾落 Falling Down (1)			跌倒 Mater Dropping (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	47,923	2,002	503	2,993	134	85	4,294	66	6	273	13	7	1,338	59	11	206	22	14
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	439	35	28	45	9	3	80	2	-	3	1	-	20	2	-	2	-	-
礦業及土石採取業 Mining and Quarrying	18	2	1	1	-	1	6	2	-	-	-	-	4	-	-	-	-	-
製造業 Manufacturing	13,431	870	145	573	30	24	955	19	2	56	2	3	435	19	4	59	5	5
電力及燃氣供應業 Electricity and Gas Supply	52	11	-	2	-	-	4	1	-	-	-	-	5	-	-	2	-	-
用水供應及污染整治業 Water Supply and Remediation Activities	325	19	3	30	-	-	42	-	-	4	1	1	6	3	-	1	-	-
營建工程業 Construction Engineering	7,287	258	95	1,213	58	32	723	10	2	22	2	1	416	20	5	69	6	6
批發及零售業 Wholesale and Retail Trade	8,090	300	73	324	4	5	627	7	-	51	1	-	176	6	2	27	6	1
運輸及倉儲業 Transportation and Storage	3,058	92	33	299	12	6	294	3	1	79	4	2	83	3	-	20	3	1
住宿及餐飲業 Accommodation and Food Service Activities	4,400	75	23	70	4	1	468	5	-	20	-	-	42	-	-	2	-	-
出版影音及資訊業 Publishing, Audio and Video Production, Information and Communication	595	16	4	23	1	-	29	3	-	1	-	-	2	-	-	1	-	-
金融及保險業 Financial and Insurance Activities	532	20	3	7	1	-	32	-	-	1	-	-	-	-	-	1	-	-
不動產業 Real Estate Activities	628	12	3	23	1	1	60	-	-	5	-	-	3	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1,072	25	6	63	2	2	94	-	-	-	-	-	18	1	-	4	-	1
支援服務業 Support Service Activities	2,786	83	31	117	8	5	332	5	1	11	1	-	45	2	-	10	1	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security	224	23	13	10	1	1	30	3	-	4	-	-	2	-	-	-	-	-
教育業 Education	497	24	13	19	-	1	54	2	-	1	-	-	4	-	-	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	2,063	41	10	25	1	-	166	-	-	5	-	-	6	-	-	2	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	335	7	2	17	-	-	41	-	-	2	-	-	8	1	-	-	-	-
其他服務業 Other Service Activities	2,091	89	17	132	2	3	257	4	-	8	1	-	63	2	-	6	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	1,646	32	20	4,653	772	21	4,680	156	3	914	2	-	-	-	18	1,155	28	2
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	13	-	1	44	8	-	81	3	1	13	-	-	-	-	12	8	-	-
礦業及土石採取業 Mining and Quarrying	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製造業 Manufacturing	352	6	4	2,307	521	14	1,413	58	-	195	2	-	-	-	1	246	12	1
電力及燃氣供應業 Electricity and Gas Supply	-	-	-	10	2	-	4	1	-	2	-	-	-	-	-	1	1	-
用水供應及污染整治業 Water Supply and Remediation Activities	14	1	-	31	5	-	27	-	-	6	-	-	-	-	-	4	1	-
營建工程業 Construction engineering	262	2	6	708	56	4	1,488	40	1	229	-	-	-	-	2	73	3	1
批發及零售業 Wholesale and Retail Trade	255	6	1	752	128	1	645	26	-	113	-	-	-	-	-	118	-	-
運輸及倉儲業 Transportation and Storage	409	6	5	280	14	2	120	1	1	118	-	-	-	-	1	24	1	-
住宿及餐飲業 Accommodation and Food Service Activities	76	2	-	122	5	-	469	4	-	39	-	-	-	-	-	555	5	-
出版影音及資訊業 Publishing, Audio and Video Production, Information and Communication	10	-	-	13	3	-	18	-	-	13	-	-	-	-	-	1	-	-
金融及保險業 Financial and Insurance Activities	5	1	-	2	-	-	2	-	-	5	-	-	-	-	-	1	-	-
不動產業 Real Estate Activities	14	-	-	9	2	-	14	-	-	15	-	-	-	-	-	3	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	22	-	-	35	2	-	52	4	-	21	-	-	-	-	2	7	-	-
支援服務業 Support Service Activities	99	2	3	185	10	-	107	7	-	55	-	-	-	-	-	17	2	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security	15	2	-	11	3	-	8	1	-	4	-	-	-	-	-	-	-	-
教育業 Education	10	1	-	5	-	-	9	2	-	3	-	-	-	-	-	7	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	31	-	-	22	2	-	21	2	-	24	-	-	-	-	-	17	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	8	-	-	11	-	-	17	2	-	9	-	-	-	-	-	6	-	-
其他服務業 Other Service Activities	51	3	-	105	11	-	185	5	-	50	-	-	-	-	-	67	3	-

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 110 年  
Year 2021

單位：件  
Unit: case

行業別 Industry Type	與有害物之接觸 Contact with Hazard (12)			感電 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	105	5	5	81	8	19	89	7	1	106	6	1	33	5	5
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
礦業及土石採取業 Mining and Quarrying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製造業 Manufacturing	48	2	-	22	2	6	25	5	-	36	5	1	12	1	2
電力及燃氣供應業 Electricity and Gas Supply	1	-	-	1	2	-	-	-	-	-	-	-	-	-	-
用水供應及污染整治業 Water Supply and Remediation Activities	2	-	1	-	-	1	-	-	-	2	-	-	-	-	-
營建工程業 Construction engineering	11	-	3	38	-	8	16	1	-	30	1	-	7	-	1
批發及零售業 Wholesale and Retail Trade	12	1	1	6	3	4	11	-	-	10	-	-	6	1	1
運輸及倉儲業 Transportation and Storage	7	-	-	2	-	-	3	-	-	1	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	11	-	-	1	-	-	26	-	1	14	-	-	4	1	-
出版影音及資訊業 Publishing, Audio and Video Production, Information and Communication	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	1	-	-	6	-	-	-	1	-	3	-	-	-	1	-
支援服務業 Support Service Activities	5	-	-	2	1	-	1	-	-	1	-	-	-	-	-
公共行政及國防：強制性社會安全 Public Administration and Defence; Compulsory Social Security	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
教育業 Education	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	3	-	-	1	-	-	-	-	-	1	-	-	1	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	4	1	-	1	-	-	5	-	-	5	-	-	2	-	1

行業別 Industry Type	不當動作 Improper Act (17)			其他 Others (18)			無法歸類者 Unclassifiable (19)			鐵路交通事故 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	1,566	41	-	573	27	3	7	1	-	23,210	594	268	1	24	14
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	21	2	-	10	1	-	-	-	-	98	7	1	-	-	10
礦業及土石採取業 Mining and Quarrying	-	-	-	1	-	-	-	-	-	5	-	-	-	-	-
製造業 Manufacturing	521	21	-	104	12	2	4	1	-	6,068	142	76	-	5	-
電力及燃氣供應業 Electricity and Gas Supply	-	-	-	-	1	-	-	-	-	20	3	-	-	-	-
用水供應及污染整治業 Water Supply and Remediation Activities	9	-	-	7	-	-	-	-	-	140	7	-	-	1	-
營建工程業 Construction engineering	282	3	-	55	2	-	1	-	-	1,644	52	22	-	2	1
批發及零售業 Wholesale and Retail Trade	274	8	-	62	3	-	1	-	-	4,620	96	57	-	4	-
運輸及倉儲業 Transportation and Storage	113	2	-	46	3	-	1	-	-	1,159	37	13	-	3	1
住宿及餐飲業 Accommodation and Food Service Activities	81	1	-	30	-	-	-	-	-	2,370	47	21	-	1	-
出版影音及資訊業 Publishing, Audio and Video Production, Information and Communication	10	-	-	3	-	-	-	-	-	469	9	4	-	-	-
金融及保險業 Financial and Insurance Activities	4	-	-	3	-	-	-	-	-	469	18	3	-	-	-
不動產業 Real Estate Activities	14	-	-	8	-	-	-	-	-	459	8	2	-	1	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	18	-	-	10	1	-	-	-	-	718	12	1	-	1	-
支援服務業 Support Service Activities	64	-	-	48	1	-	-	-	-	1,687	42	22	-	1	-
公共行政及國防：強制性社會安全 Public Administration and Defence; Compulsory Social Security	5	-	-	6	1	-	-	-	-	129	11	11	-	1	1
教育業 Education	15	-	-	12	-	-	-	-	-	356	18	11	-	1	1
醫療保健及社會工作服務業 Human Health and Social Work Activities	38	-	-	128	-	-	-	-	-	1,572	35	10	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	18	-	-	6	-	-	-	-	-	191	3	2	-	-	-
其他服務業 Other Service Activities	79	4	-	34	2	1	-	-	-	1,036	47	12	1	3	-

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 110 年  
Year 2021

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	失能	死亡	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡
	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death
總計 Total	523	80	17	3	-	-	-	-	-	-	-	-	6	-	1	-	-	1
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	10	1	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製造業 Manufacturing Sectors	115	34	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
供水供應及污染整治業 Water Supply&Remediation Activities Sectors	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
營建工程業 Construction engineering	119	13	2	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	62	8	-	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-
運輸及倉儲業 Transportation and Storage Sector	26	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	50	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
出版影音及資訊業 Publishing, Audio and Video Production, Information and Communication	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	20	5	8	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
教育業 Education	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	40	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
其他服務業 Other Service Activities	60	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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、頸、肩疾病 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	失能	死亡	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡
	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death
總計 Total	87	4	-	6	-	-	348	8	-	-	-	-	-	-	-	-	-	1
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	1	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製造業 Manufacturing Sectors	18	1	-	1	-	-	81	3	-	-	-	-	-	-	-	-	-	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
供水供應及污染整治業 Water Supply&Remediation Activities Sectors	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
營建工程業 Construction engineering	31	1	-	2	-	-	66	1	-	-	-	-	-	-	-	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	14	-	-	-	-	-	41	1	-	-	-	-	-	-	-	-	-	-
運輸及倉儲業 Transportation and Storage Sector	9	2	-	3	-	-	9	1	-	-	-	-	-	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	2	-	-	-	-	-	47	1	-	-	-	-	-	-	-	-	-	-
出版影音及資訊業 Publishing, Audio and Video Production, Information and Communication	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	3	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	-	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	1
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
教育業 Education	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	5	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
其他服務業 Other Service Activities	4	-	-	-	-	-	51	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 110 年  
Year 2021

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			矽肺症及其併發症 Silicosis and its complications (16)			石綿肺症及其併發症 Asbestosis and its complications (17)		
	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡
	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death
總計 Total	-	1	-	6	-	-	1	1	-	6	34	1	1	-	-	3	9	-
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製造業 Manufacturing Sectors	-	1	-	1	-	-	-	1	-	2	20	1	-	-	-	-	3	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
營建工程業 Construction engineering	-	-	-	-	-	-	-	-	-	4	7	-	1	-	-	3	2	-
批發及零售業 Wholesale and Retail Trade Sectors	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	2	-
運輸及倉儲業 Transportation and Storage Sector	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
出版影音及資訊業 Publishing, Audio and Video Production, 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	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
支援服務業 Support Service Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
教育業 Education	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
其他服務業 Other Service Activities	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	1	-

行業別 Industry Type	職業性皮膚病 Skin diseases related to occupation (18)			職業相關癌症 Cancers related to occupation (19)			其他可歸因於職業因素者 Others by occupational factors (20)			腦心血管疾病 Brain and cardiovascular diseases (21)			精神疾病 Mental diseases (22)		
	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡	傷病	失能	死亡
	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death	Illnesses	Disability	Death
總計 Total	11	-	-	2	5	-	15	1	1	21	12	14	7	3	-
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-
礦業及土石採取業 Mining and Quarrying Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
製造業 Manufacturing Sectors	2	-	-	2	1	-	3	1	-	3	2	3	1	1	-
電力及燃氣供應業 Electricity and Gas Supply Sectors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
用水供應及污染整治業 Water Supply&Remediation Activities Sectors	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
營建工程業 Construction engineering	-	-	-	-	1	-	7	-	-	1	1	2	-	-	-
批發及零售業 Wholesale and Retail Trade Sectors	-	-	-	-	1	-	-	-	-	2	1	-	2	-	-
運輸及倉儲業 Transportation and Storage Sector	1	-	-	-	-	-	-	-	-	3	2	1	-	-	-
住宿及餐飲業 Accommodation and Food Service Activities	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
出版影音及資訊業 Publishing, Audio and Video Production, Information and Communication	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
金融及保險業 Financial and Insurance Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
不動產業 Real Estate Activities	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
專業、科學及技術服務業 Professional, Scientific and Technical Activities	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
支援服務業 Support Service Activities	1	-	-	-	1	-	-	-	-	8	3	7	-	-	-
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security Sectors	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
教育業 Education	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
醫療保健及社會工作服務業 Human Health and Social Work Activities	5	-	-	-	-	-	2	-	-	2	1	-	3	1	-
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
其他服務業 Other Service Activities	1	-	-	-	-	-	2	-	-	1	1	-	-	1	-

表 9-3 勞工職業傷害人次及千人率按行業別分

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

中華民國110年  
Year 2021

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	(26,317)	(24,712)	(1,384)	(221)	10,656,910	(2.469)	(2.319)	(0.130)	(0.021)
	50,428	47,923	2,002	503		4.732	4.497	0.188	0.047
農、林、漁、牧業 Agriculture, Forestry, Fishing and Animal Husbandry	(386)	(341)	(28)	(17)	332,474	(1.161)	(1.026)	(0.084)	(0.051)
	502	439	35	28		1.510	1.320	0.105	0.084
礦業及土石採取業 Mining and Quarrying	(16)	(13)	(2)	(1)	3,753	(4.263)	(3.464)	(0.533)	(0.266)
	21	18	2	1		0.011	4.796	0.533	0.266
製造業 Manufacturing	(8,155)	(7,363)	(723)	(69)	3,173,594	(2.570)	(2.320)	(0.228)	(0.022)
	14,446	13,431	870	145		4.552	4.232	0.274	0.046
電力及燃氣供應業 Electricity and Gas Supply	(40)	(32)	(8)	-	25,458	(1.571)	(1.257)	(0.314)	-
	63	52	11	-		2.475	2.043	0.432	-
用水供應及污染整治業 Water Supply&Remediation Activities	(199)	(185)	(11)	(3)	53,412	(3.726)	(3.464)	(0.206)	(0.056)
	347	325	19	3		6.497	6.085	0.356	0.056
營建工程業 Construction Engineering	(5,919)	(5,643)	(204)	(72)	687,956	(8.604)	(8.203)	(0.297)	(0.105)
	7,640	7,287	258	95		11.105	10.592	0.375	0.138
批發及零售業 Wholesale and Retail Trade	(3,686)	(3,470)	(200)	(16)	1,857,041	(1.985)	(1.869)	(0.108)	(0.009)
	8,463	8,090	300	73		4.557	4.356	0.162	0.039
運輸及倉儲業 Transportation and Storage	(1,970)	(1,899)	(52)	(19)	434,495	(4.534)	(4.371)	(0.120)	(0.044)
	3,183	3,058	92	33		7.326	7.038	0.212	0.076
住宿及餐飲業 Accommodation and Food Service Activities	(2,059)	(2,030)	(27)	(2)	578,038	(3.562)	(3.512)	(0.047)	(0.003)
	4,498	4,400	75	23		7.782	7.612	0.130	0.040
出版影音及資通訊業 Publishing, Audio and Video Production, Information and Communication	(133)	(126)	(7)	-	336,194	(0.396)	(0.375)	(0.021)	-
	615	595	16	4		1.829	1.770	0.048	0.012
金融及保險業 Financial and Insurance Activities	(65)	(63)	(2)	-	399,878	(0.163)	(0.158)	(0.005)	-
	555	532	20	3		1.388	1.330	0.050	0.008
不動產業 Real Estate Activities	(173)	(169)	(3)	(1)	159,245	(1.086)	(1.061)	(0.019)	(0.006)
	643	628	12	3		4.038	3.944	0.075	0.019
專業、科學及技術服務業 Professional, Scientific and Technical Activities	(371)	(354)	(12)	(5)	433,673	(0.855)	(0.816)	(0.028)	(0.012)
	1,103	1,072	25	6		2.543	2.472	0.058	0.014
支援服務業 Support Service Activities	(1,148)	(1,099)	(40)	(9)	432,122	(2.657)	(2.543)	(0.093)	(0.021)
	2,900	2,786	83	31		6.711	6.447	0.192	0.072
公共行政及國防；強制性社會安全 Public Administration and Defence; Compulsory Social Security	(107)	(95)	(11)	(1)	160,945	(0.665)	(0.590)	(0.068)	(0.006)
	260	224	23	13		1.615	1.392	0.143	0.081
教育業 Education	(147)	(141)	(5)	(1)	358,447	(0.410)	(0.393)	(0.014)	(0.003)
	534	497	24	13		1.490	1.387	0.067	0.036
醫療保健及社會工作服務業 Human Health and Social Work Activities	(497)	(491)	(6)	-	559,109	(0.889)	(0.878)	(0.011)	-
	2,114	2,063	41	10		3.781	3.690	0.073	0.018
藝術、娛樂及休閒服務業 Arts, Entertainment and Recreation Activities	(148)	(144)	(4)	-	110,854	(1.335)	(1.299)	(0.036)	-
	344	335	7	2		3.103	3.022	0.063	0.018
其他服務業 Other Service Activities	(1,098)	(1,054)	(39)	(5)	560,223	(1.960)	(1.881)	(0.070)	(0.009)
	2,197	2,091	89	17		3.922	3.732	0.159	0.030

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.

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 98 年至 110 年  
From 2009 to 2021

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	傷 病	失 能	死 亡		總 計	傷 病	失 能	死 亡
	Total	Illnesses	Disability	Death		Total	Illnesses	Disability	Death
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
民國110年 2021	(26,317)	(24,712)	(1,384)	(221)	10,656,910	(2.469)	(2.319)	(0.130)	(0.021)
	50,428	47,923	2,002	503		4.732	4.497	0.188	0.047

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，營建工程業，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, manufacturing, electricity and gas supply, water supply and remediation activities, construction engineering, wholesale and retail trade, transportation and storage, accommodation and food service activities, information and communication, 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 98 年至 110 年  
From 2009 to 2021

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	傷 病	失 能	死 亡		總 計	傷 病	失 能	死 亡
	Total	Illnesses	Disability	Death		Total	Illnesses	Disability	Death
民國98年 2009	(552)	(460)	(58)	(34)	371,378	(1.486)	(1.239)	(0.156)	(0.092)
	695	565	66	64		1.871	1.521	0.178	0.172
民國99年 2010	(538)	(458)	(52)	(28)	375,638	(1.432)	(1.219)	(0.138)	(0.075)
	702	574	71	57		1.869	1.528	0.189	0.152
民國100年 2011	(559)	(477)	(58)	(24)	378,105	(1.478)	(1.262)	(0.153)	(0.063)
	698	589	70	39		1.846	1.558	0.185	0.103
民國101年 2012	(541)	(456)	(55)	(30)	378,158	(1.431)	(1.206)	(0.145)	(0.079)
	691	580	68	43		1.827	1.534	0.180	0.114
民國102年 2013	(489)	(405)	(51)	(33)	366,904	(1.333)	(1.104)	(0.139)	(0.090)
	636	513	69	54		1.733	1.398	0.188	0.147
民國103年 2014	(479)	(411)	(50)	(18)	365,603	(1.310)	(1.124)	(0.137)	(0.049)
	602	509	65	28		1.647	1.392	0.178	0.077
民國104年 2015	(424)	(363)	(34)	(27)	365,562	(1.160)	(0.993)	(0.093)	(0.074)
	539	449	40	50		1.474	1.228	0.109	0.137
民國105年 2016	(394)	(342)	(29)	(23)	362,234	(1.088)	(0.944)	(0.080)	(0.063)
	520	441	43	36		1.436	1.217	0.119	0.099
民國106年 2017	(393)	(328)	(35)	(30)	355,950	(1.104)	(0.921)	(0.098)	(0.084)
	499	414	42	43		1.402	1.163	0.118	0.121
民國107年 2018	(367)	(312)	(26)	(29)	348,448	(1.053)	(0.895)	(0.075)	(0.083)
	472	398	36	38		1.355	1.142	0.103	0.109
民國108年 2019	(384)	(328)	(25)	(31)	340,960	(1.126)	(0.962)	(0.073)	(0.091)
	492	421	29	42		1.443	1.235	0.085	0.123
民國109年 2020	(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
民國110年 2021	(386)	(341)	(28)	(17)	332,474	(1.161)	(1.026)	(0.084)	(0.051)
	502	439	35	28		1.510	1.320	0.105	0.084

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 98 年至 110 年  
From 2009 to 2021

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	傷 病	失 能	死 亡		總 計	傷 病	失 能	死 亡
	Total	Illnesses	Disability	Death		Total	Illnesses	Disability	Death
民國98年 2009	(34)	(32)	(2)	-	4,553	(7.468)	(7.028)	(0.439)	-
	39	37	2	-		8.566	8.127	0.439	-
民國99年 2010	(47)	(42)	(3)	(2)	4,627	(10.158)	(9.077)	(0.648)	(0.432)
	49	44	3	2		10.590	9.509	0.648	0.432
民國100年 2011	(32)	(25)	(5)	(2)	4,709	(6.795)	(5.309)	(1.062)	(0.425)
	40	30	8	2		8.494	6.371	1.699	0.425
民國101年 2012	(43)	(37)	(4)	(2)	4,637	(9.273)	(7.979)	(0.863)	(0.431)
	51	43	5	3		10.998	9.273	1.078	0.647
民國102年 2013	(36)	(33)	(3)	-	3,970	(9.068)	(8.312)	(0.756)	-
	42	39	3	-		10.579	9.824	0.756	-
民國103年 2014	(24)	(18)	(3)	(3)	3,916	(6.129)	(4.597)	(0.766)	(0.766)
	30	23	4	3		7.661	5.873	1.021	0.766
民國104年 2015	(24)	(21)	(3)	-	3,875	(6.194)	(5.419)	(0.774)	-
	31	25	3	3		8.000	6.452	0.774	0.774
民國105年 2016	(14)	(10)	(2)	(2)	3,764	(3.720)	(2.657)	(0.531)	(0.531)
	20	16	2	2		5.314	4.251	0.531	0.531
民國106年 2017	(16)	(15)	(1)	-	3,658	(4.374)	(4.101)	(0.273)	-
	20	17	3	-		5.467	4.647	0.820	-
民國107年 2018	(26)	(24)	(2)	-	3,730	(6.971)	(6.435)	(0.536)	-
	33	30	2	1		8.848	8.044	0.536	0.268
民國108年 2019	(25)	(21)	(3)	(1)	3,699	(6.759)	(5.677)	(0.811)	(0.270)
	31	26	4	1		8.381	7.029	1.081	0.270
民國109年 2020	(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
民國110年 2021	(16)	(13)	(2)	(1)	3,753	(4.263)	(3.464)	(0.533)	(0.266)
	21	18	2	1		5.595	4.796	0.533	0.266

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 98 年至 110 年  
From 2009 to 2021

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
民國110年 2021	(8,155)	(7,363)	(723)	(69)	3,173,594	(2.570)	(2.320)	(0.228)	(0.022)
	14,446	13,431	870	145		4.552	4.232	0.274	0.046

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 歷年來營建工程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 98 年至 110 年  
From 2009 to 2021

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
民國110年 2021	(5,919)	(5,643)	(204)	(72)	687,956	(8.604)	(8.203)	(0.297)	(0.105)
	7,640	7,287	258	95		11.105	10.592	0.375	0.138

資料來源：勞工保險局。

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

2.表中未括弧者表示勞工保險給付人次及千人率，包含交通事故。

3.表中傷病不包含職業病之傷病。

4.以給付當年為準。

Explanation:

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

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

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

4. Based on the year of payment

表 9-9 歷年來全產業勞工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 98 年 至 110 年  
From 2009 to 2021

年 別 Years	總 計 Total		傷 病 給 付 Injury and illness 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
民國110年 2021	2,063,229	7,212,003,660	48,446	2,189,861,394	2,598	822,981,949	2,027	720,371,997	2,010,158	3,478,788,320

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 98 年 至 110 年  
From 2009 to 2021

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	金 額	件 數	金 額	件 數	金 額	件 數	金 額	件 數	金 額
	number	amount	number	amount	number	amount	number	amount	number	amount
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
民國110年 2021	37,876	122,753,695	449	26,001,562	45	14,061,711	79	34,979,187	37,303	47,711,235

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

中華民國 98 年 至 110 年  
From 2009 to 2021

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98年 2009	691	6,256,232	37	2,013,892	6	1,933,440	-	-	648
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
民國110年 2021	828	6,723,930	18	1,193,547	2	682,803	3	1,975,956	805	2,871,624

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 98 年 至 110 年  
From 2009 to 2021

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
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
民國110年 2021	767,129	2,352,805,697	13,546	608,993,804	1,036	310,512,758	625	223,526,531	751,922	1,209,772,604

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

表 9-13 歷年來營建工程業勞工 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 98 年 至 110 年  
From 2009 to 2021

年 別  Years	總 計		傷 病 給 付		失 能 給 付		死 亡 給 付		醫 療 給 付	
	Total		Injury or sickness benefits		Permanent disability benefits		Death benefit		Medical benefits	
	件 數	金 額	件 數	金 額	件 數	金 額	件 數	金 額	件 數	金 額
	number	amount	number	amount	number	amount	number	amount	number	amount
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
民國110年 2021	152,425	983,285,182	7,406	361,691,912	361	125,749,533	329	122,048,810	144,329	373,794,927

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