

## **Construction Management**

### **A. Statistics of licensed architects**

As of yearend 2005, there were a total of 3,204 practicing architects, showing an increase of 2.63% over the 3,122 practicing architects posted in the previous (2004) yearend. A detail breakdown of the total figure would show 3,174 class A architects and 30 class B architects. In terms of geographic location, 78.28% of the nation's architects are located in six major cities/counties; namely, Taipei City with the largest licensed architect population of 1,098, Taipei County with 467 architects, Taichung City with 396, Kaohsiung City with 264, Taoyuan County with 147 and Tainan City with 136 architects.

### **B. Operation and management of the construction industry**

As of yearend 2005, a total of 8,979 construction companies have been established. These companies are classified under three categories; namely: class A firms amounting to 1,642 companies or 18.29% of the total industry size; class B firms amounting to 1,284 companies or 14.30% of the total industry size; and class C firms amounting to 6,053 companies or 67.41% of the total industry size.

In terms of average capitalization by location, statistics show that Taipei City firms posted the highest average capitalization, NT\$153.89 million; followed by Tainan City with NT\$ 41.88 million and Kaohsiung City with NT\$ 37.58 million.

### **C. Building elevator safety inspection statistics**

As of yearend 2005, a total of 6 building elevator safety inspection facilities have been established in Taiwan. The 5 facilities in Taipei City and 1 facility in Kaohsiung City cater to 344 professional elevator manufacturing firms in the area, showing an increase of 4.24% over the 330 firms posted in the previous year (2004). The industry employs a total of 5,556 professional technicians; that is a 1.72% decrease compared to the previous year statistics (5,653).

### **D. Mechanical Recreation and Amusement Facilities Safety Inspection Statistics**

As of yearend 2005, there were a total of 305 mechanical recreational facilities, showing a decrease of 4.69% compared to 2004 figure (320). After safety inspection was completed, a total of 96 or 31.48% were immediately prohibited

from operation; 159 or 52.13% passed the safety inspection and were allowed to continue operation, and 177 underwent the regular safety re-inspection.

**E. Building public safety inspector**

As of yearend 2005, a total of 2,556 fire safety and fire escape facility inspectors and 2,445 equipment safety inspectors were employed to attend to local building public safety inspections. A closer look into the professional background of inspectors showed that majority of these inspectors are architects; 1,767 and 1,762 respectively; inspectors with professional background numbered 511 and 405 respectively; and electrical technicians numbered 119.

**F. Interior Decoration of Buildings**

As of yearend of 2005, a total of 3,212 building interior decoration firms were established, showing an increase of 9.74% over the 2,927 firms posted in the previous year (2004). Statistics show that construction & design firms took up the majority, 2,895 or 90.13%; followed by construction firms, 301 or 9.37%; and design firms, 16 or 0.50%.

**G. Indoor parking spaces of buildings**

As of yearend 2005, a total of 2,202,669 buildings are equipped with parking spaces; parking spaces for large vehicles amount to 2,230 spaces or 0.10%, spaces for small vehicles amount to 1,959,992 spaces or 88.98%, and spaces for motorcycles or scooters amount to 240,447 spaces or 10.92%. 1,293,654 spaces of the total parking spaces (or 64.64%) were located in counties and cities under the jurisdiction of Taiwan Provincial Government, 596,022 spaces or 27.06% in Taipei City and 180,211 spaces or 8.18% in Kaohsiung City.

**H. Construction License Issuance**

(A) The number of construction licenses issued in 2005 totaled 43,805, or a decrease of 4.63% compared to the previous year (2004); the floor area for construction under these newly issued licenses totaled 43,200,000m<sup>2</sup>, up by 1.65% from the previous year figure, posting the highest in the past eight years.

(B) In terms of geographic location, the majority went to Kaohsiung City (8,586,000m<sup>2</sup> or 19.87%), followed by Taipei County (5,706,000m<sup>2</sup> or 13.21%)

and Taoyuan County (5,548,000m<sup>2</sup> or 12.84%).

#### **I. Occupancy License Issuance**

- (A) The number of use licenses issued in 2005 totaled 35,271, or an increase of 10.6% compared to the previous year figure; the floor area for construction under these newly issued licenses totaled 31,028,000m<sup>2</sup>, showing an increase of 11.3%.
- (B) In terms of geographic location, the majority went to Taoyuan County (5,408,000m<sup>2</sup> or 17.4%), followed by Taipei County (3,535,000m<sup>2</sup> or 11.4%) and Taipei City (2,735,000m<sup>2</sup> or 8.8%).
- (C) In terms of use purpose, majority of these licenses went to residential buildings (13,333,000m<sup>2</sup> or 43.0%), followed by shops and stores (including commercial cum residential buildings) (5,662,000m<sup>2</sup> or 18.2%), and factory building (3,442,000m<sup>2</sup> or 11.1%). Comparing to the figure of 2004 growth was posted in the following categories: recreation and amusement parks up by 58.1%, factory buildings up by 34.4%, shops and stores (including commercial cum residential buildings) up by 25.1%, hotels up by 17.1%, residential buildings up by 13.4%, farmhouse up by 12.2%, hospitals up by 0.2%; decrease was noted in the following categories: warehouses (drop of 24.7%), schools (drop of 16.7%) and office buildings (drop of 7.9%).