

Abstract

The population of the 2007 Economic Survey of Construction Industry in Taiwan included all R.O.C. Comprehensive Construction Companies, Specialty Construction Companies and Civil Engineering Contractors which registered with the supervisory organization and continued to do business at the end of 2007. The survey period covered from January 1, 2007 through December 31, 2007. The survey results are summarized as follows:

1. There were 13,442 construction companies at the end of 2007

Analyzing based on grade level, we found that the “Grade C Construction Companies” had more number of companies (42.9%) than any other grades, followed by “Civil Engineering Contractors” (34.8%), and then “Grade A Comprehensive Construction Companies” (11.6%). Only 1.6% were “Specialty Construction Companies”.

Observing based on region, we found that more companies were located in the North Region (34.9%), followed by Central Region (30.5%) and South Region (28.8%).

By type of organization, majority of them were companies (66.4%) ; only 33.6% were individual proprietorships or partnerships.

By number of employees, majority (75.3%) of them were small firms with only 9 or under employees, followed by 10-19 employees (13.9%), and 20-49 employees (8.2%) ; and only 2.5% had 50 or over employees.

Analyzing based on the total revenue, there were 57.4% with annual revenue under NT\$10,000,000, followed by NT\$10,000,000~20,000,000 (16.2%) and NT\$20,000,000~50,000,000 (13.6%). Only 12 construction companies had annual revenue over and above NT\$3,000,000,000; however, they accounted for 18.7% of the total revenue of the whole construction industry.

By total value of production, 55.8% had annual value of production lower than NT\$10,000,000, followed by NT\$10,000,000~20,000,000(17.2%) and NT\$20,000,000~50,000,000(13.7%). In other words, 87% of construction companies had annual value of production under NT\$50,000,000.

Analyzing based on the value of actual assets in operation, 38.6% had the value of actual assets in operation less than NT\$6,000,000, followed by NT\$6,000,000~10,000,000(15.9%), NT\$10,000,000~20,000,000(14.8%) and NT\$20,000,000~50,000,000 (12.7%). Therefore, 82% of construction companies had the value of actual

assets in operation less than NT\$50,000,000. Noticeably, only 198 companies, accounted for 1.5%, had the value of actual assets in operation over and above NT\$1,000,000,000; however, together they owned more than half of the total resources of the industry.

2. The number of employees (including staff employees and laborers, but excluding those hired by subcontractors) in the construction industry was around 146,000 with 76,571 laborers at the end of 2007. In addition, most often, there were 13,286 dispatched laborers per month.
3. The 2007 annual expenditures on labor costs amounted to NT\$91,708,988,000 in the construction industry. The average 2007 annual expenditures on labor costs per specialty construction company was the highest, NT\$57,241,000. And the average 2007 annual expenditures on labor costs per company in the construction industry was NT\$6,823,000, slightly decreased from NT\$7,963,000 of year 2005.
4. The 2007 total revenue of the construction industry was NT\$568,348,195,000, which was more than that of the year 2005. Grade A Comprehensive Construction Companies had the highest total revenue among the different grades of construction companies, accounted for 58.7% of the total revenue. Among the total revenue, NT\$553,320,612,000 was the business revenue, accounted for 97.4% of the total revenue.
5. The 2007 annual total expenditures of the construction industry were NT\$553,974,123,000, more than that of the year 2005. The business expenditures were NT\$541,854,422,000, accounted for 97.8% of the total expenditures. Grade A Comprehensive Construction Companies had the largest total expenditures among the different grades of construction companies, accounted for 59.3% of the total expenditures of the industry.
6. The net value of actual assets in operation in the construction industry at the end of 2007 was NT\$1,326,233,834,000, which was more than that of the year 2005. Grade A Comprehensive Construction Companies had the net value of actual assets in operation of NT\$940,744,208,000, more than any other grade construction companies.
7. The 2007 annual total value of production was NT\$577,199,200,000, slightly increased from the year 2005 (NT\$552,581,020,000).

8. The total area of the land used by the construction industry at the end of 2007 was 1,522,552 square meters. The average area of the land used by each company was 113.3 square meters and average area of land used by each employee was 10.5 square meters.
9. The total floor area of the buildings used by the construction industry was 1,744,777 square meters at the end of 2007. The average floor area of buildings used by each company was 129.8 square meters and used by each employee was 12.0 square meters.
10. The 2007 annual total value of construction work was NT\$566,441,852,000, increased from year 2005. The Grade A Comprehensive Construction Companies accounted for 57.9% of it.
11. The total revenue of all construction work was NT\$546,030,781,000, and the revenue of public work construction accounted for 35.7% the highest proportion of it.
12. The 2007 annual actual value of materials used by the construction industry was NT\$351,972,742,000, increased from the year 2005.
13. The total stock and unused materials of the construction industry at the end of 2007 was NT\$617,206,300,000. The stock turnover rate for the construction industry in Taiwan-Fujian area was 89.6% which decreased from the year 2005.
14. The 2007 annual total amount of liabilities and net worth was NT\$1,277,230,157,000 with 76.3% liabilities and 23.7% net worth. The average amount of liabilities and net-worth per company was NT\$95,018,000.
15. As for the 2007 annual financial structure of the construction industry, liquidity ratio was 121.7% ; the liability ratio was 76.3% ; the fixed assets adequacy ratio was 29.3% ; and the self-capital ratio was 23.6%.
16. The 2007 annual net profit margin of the construction industry was 3.5%, increased from 2.9% of the year 2005.
17. The 2007 annual total asset turnover rate for the construction industry was 41.4% which decreased from the year 2005. And the total asset turnover rate decreased when the asset amount increased.

18. The 2007 annual labor facility rate for the construction industry was NT\$ 9,109,000 which was more than that of the year 2005. The labor facility rate of Grade A Comprehensive Construction Companies was NT\$17,865,000 which was much more than other grades of construction companies.
19. The 2007 annual labor productivity for the construction industry was NT\$3,964,000 which increased significantly over that of the year 2005. The Grade A Comprehensive Construction Companies had the top labor productivity in the whole construction industry.
20. The 2007 annual total value of production on every dollar spent in labor cost for the construction industry in Taiwan- Fujian area was NT\$6.3, increased slightly from NT\$5.5 of the year 2005.
21. The 2007 annual self-owned assets accounted for 96.3% of the actual assets in operation in the construction industry, not much different from that of the year 2005.
22. The 2007 annual capital productivity for the construction industry was 43.5%, decreased from 49.8% of the year 2005. The higher the construction company's grades (Grade A is the highest grade), the lower the capital productivity.
23. The 2007 annual profit rate of actual assets in operation for the construction industry was 1.5%, increased from 1.3% of the year 2005. The Civil Engineering Contractors with 6.7% profit rate of actual assets in operation was the highest among all grades of construction companies.