

The National Statistical Office has collected data on permitted area both new construction, and addition or alteration since 1966. The data use for calculating the National Account, Real estate Indicators and for policy maker on economics and social development plan.

Data presented are the permitted construction area by municipal areas and Sub-District administrative organization with in building control regulation under the Construction Control Act : B.E. 2522 in 1Q11 of the nation. The main findings are as follows ;

### 1. Number of permits and construction area

In 1Q11, the total number of permitted new construction building and addition or alteration were 45,668 persons, composed of 41,129 persons of construction building, and 4,539 persons of civil engineering construction.

#### 1.1 Construction building

The permitted construction building with the floor area of 17.02 million square meters, most of them (about 98.2%) were new construction and those

of addition or alteration were 1.8%.

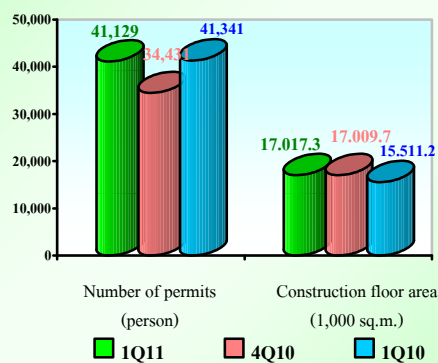
Comparing to the 4Q10, the permitted number increased of 19.5% and floor area increased by 0.04%. If compare to the 1Q10, the permitted number decreased by 0.5% but the floor area increased by 9.7%.

#### 1.2 Civil engineering construction

For the civil engineering construction, the number of permitted were 4,539 persons, most of them (about 99.3%) were new construction and 0.7% was addition or alteration. In term of floor area such as the Car Park, Sport Ground, Petrol Station, Advertising Board, Swimming Pool etc., there were totally 286,996 square meters. In term of the length of civil engineering construction such as Water Drain, Road, Fence/Wall, Bridge, Dam etc., there were totally 617,495 meters.

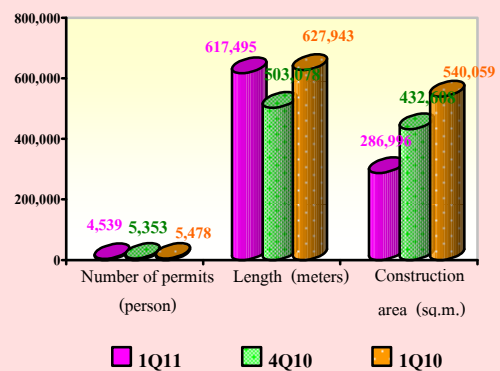
Compared with 4Q10, the number of permitted decreased 15.2%. And the floor area decreased by 33.7%, But the length increased by 22.7%.

**Figure 1** Number of permitted and floor areas of new construction building, addition or alteration in 1Q11, 4Q10 and 1Q10



Source : The 2011 Construction Area : Quarter 1/2011, National Statistical Office

**Figure 2** Number of permitted and floor areas of new civil engineering construction , addition or alteration in 4Q10, 3Q10 and 4Q09



Source : The 2011 Construction Area : Quarter 1/2011, National Statistical Office

Compared to the 1Q10 it was found that the number of permitted construction decrease about 17.1%. And the length of construction and the floor area decreased by 1.7% and 46.9% respectively.

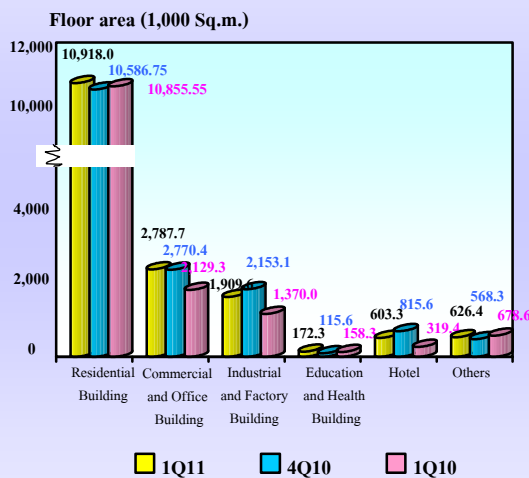
## 2. Type of construction building

### 2.1 The construction building

The Residential Buildings floor area permitted was 10.9 million square meters (64.2%). Followed by Commercial and Office Building were 2.8 million square meters (16.4%). The Industrial and Factory Building were 1.9 million square meters (11.2%). For Hotel Buildings was 603,294 square meters (3.5%). Education and Health Building were 172,312 square meters.

The overall permitted construction floor area (17.02 million square meters) increased of 0.04% from 4Q10, especially the Education and Health

**Figure 3 Permitted floor areas of new construction building, addition or alteration by type of building in 1Q11, 4Q10 and 1Q10**



Source : The 2011 Construction Area : Quarter 1/2011, National Statistical Office.

Building increase about 49.1%. The construction for Residential Buildings increased about 3.1%. The Commercial and Office Building were 2.8 million square meters increased about 0.6%. But Hotel Building decreased 26.0%, the Industrial and Factory Building decreased by 11.3%.

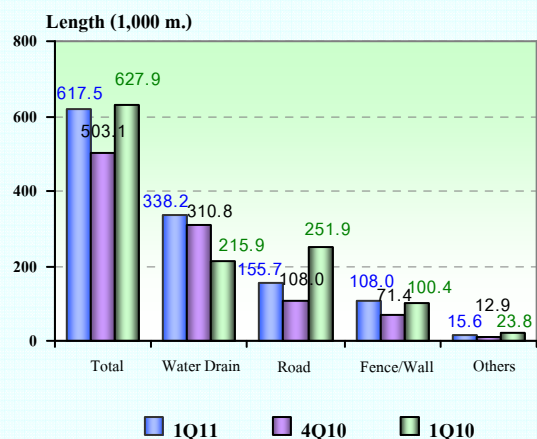
Compared to the 1Q10 it was found that the permitted construction floor area was 17.02 million square meters or increased by 9.7%.

### 2.2 The civil engineering construction

For the civil engineering construction, for the Water Drain construction permitted 338,233 meters (54.8%). There were 155,668 meters (21.4%) of Road and Fence/Wall 108,007 meters (17.5%).

The total length (meters) of civil engineering construction permitted were 617,495 meters, increased 22.7% from 4Q10 and decreased by 1.7% from 1Q10

**Figure 4 Permitted construction length of new civil engineering construction, addition or alteration by type of construction in 1Q11, 4Q10 and 1Q10**



Source : The 2011 Construction Area : Quarter 1/2011, National Statistical Office.

The floor area of civil engineering construction in term of the floor area such as Car Park has been permitted 153,371 square meters (53.4%), Advertising Board was 23,049 square meters (8.0%) and Petrol Station was 22,811 square meters (7.9%).

Compared to the 4Q10, the overall permitted construction floor area were 286,996 square meters decreased by 33.7%, and decreased about 46.9% from 1Q10.

