

The National Statistical Office has collected data on permitted area of both new construction, and addition or alteration since 1966. The data are used for calculating the National Accounts, Real Estate Indicators for policy making on economics and social development plan.

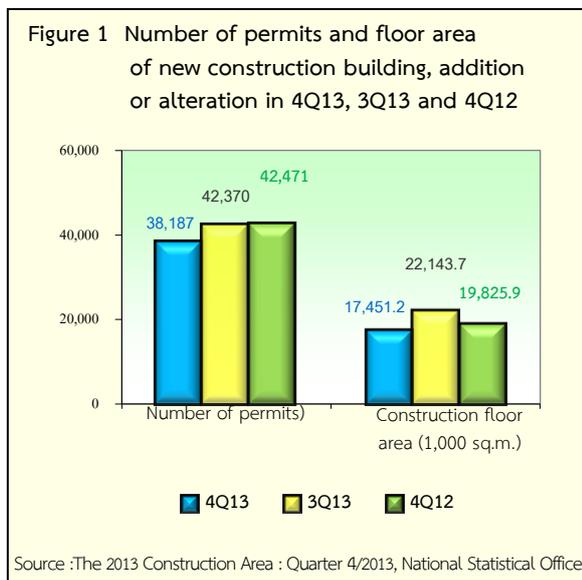
Data presented are the permitted construction area by municipal areas and sub-district administrative organization within building control regulation under the Construction Control Act : B.E. 2522. The major findings are as follows;

### 1. Number of permits and permitted construction area

In 4Q13, the total number of permits of new construction building and addition or alteration were 38,187, composed of 33,664 for construction building and 4,523 for civil engineering construction.

#### 1.1 Building Construction

The permitted floor area of building construction was about 17.5 million square meters. Most of them (98.7%) were new construction and



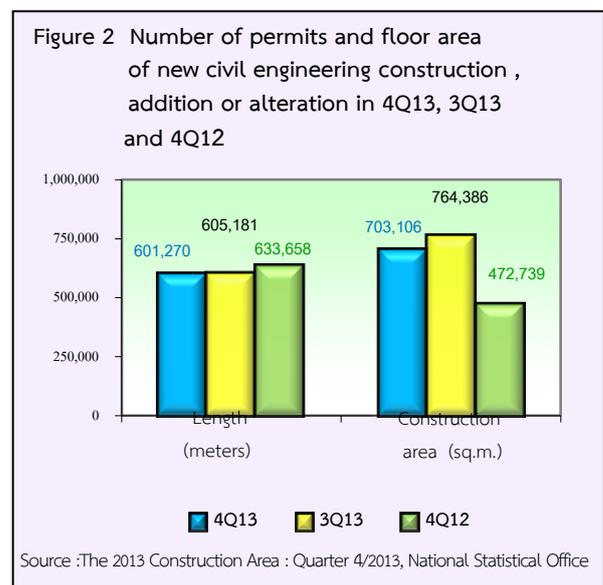
those of addition or alteration were 1.3%.

Compared to the 3Q13, the number of permits of new construction decreased by 8.7% and the permitted floor area decreased by 21.2 %. If compared to the 4Q12, the number of permits decreased by 10.8% and the permitted floor area decreased by 8.2%. (Figure 1)

#### 1.2 Civil engineering construction

For the civil engineering construction, there were of about 4,523 the number of permits, most of them (99.5%) were for new construction and 0.5% were for addition or alteration. In terms of floor area, such as, the car park, sport ground, petrol station, advertising board, swimming pool, etc., there were totally 703,106 square meters. In terms of the length, civil engineering construction, such as, water-drain, road, fence/wall, bridge, dam etc., there were totally 601,270 meters of permitted area.

Compared with 3Q13, the number of permits decreased with 17.6%, The length of the construction decreased by 0.6%, and the floor area decreased by 8.0%. (Figure 2)



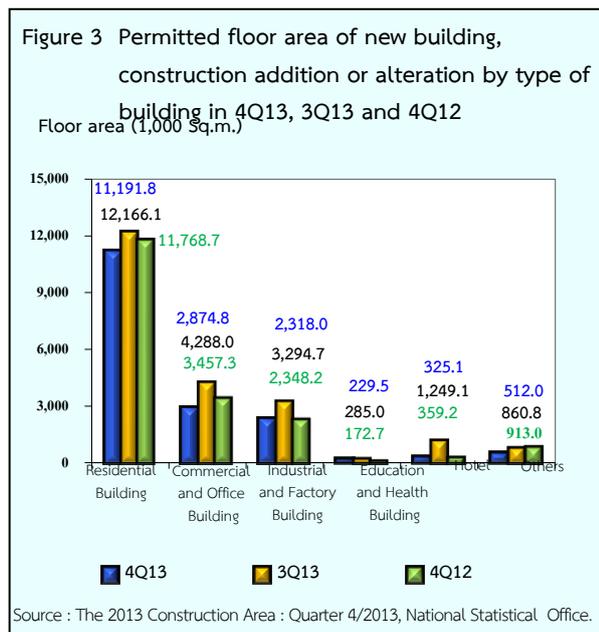
Compared to the 4Q12, it was found that the number of permits construction decreased about 4.7% and the length decreased by 5.1%, but floor area of construction increased by 48.7%. (Figure 2)

## 2. Type of building construction

### 2.1 The building construction

More than half (64.1% or 11.2 million square meters) of the permitted floor area in 4Q13 were residential floor area, followed by floor area of commercial and office building with 16.5% or 2.9 million square meters. The industrial and factory buildings were 2.3 million square meters (13.3%). For hotel buildings, there were about 0.3 million square meters (1.9%) and education and health buildings were 0.2 million square meters (1.3%).

The overall permitted construction floor area (17.5 million square meters) decreased with 21.2% from 3Q13, especially, the hotel buildings decreased by 74.0%. For the Commercial and office building, it decreased with 33.0%. Industrial and factory building decreased about 29.6%.



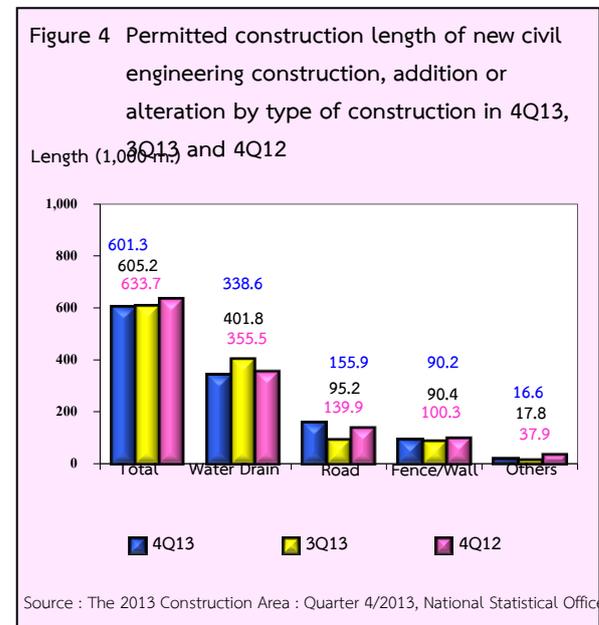
The construction area for residential buildings decreased about 8.0%, but the education and health building decreased about 19.5%.

Compared to the 4Q12, it was found that the permitted construction floor area of 4Q13 which was about 17.5 million square meters, decreased by 8.2%. (Figure 3)

### 2.2 The civil engineering construction

For the permitted civil engineering construction, mostly were constructions of the water drain, about 338,593 meters (56.3%), there were 155,851 meters (25.9%) for the construction of road and about 90,232 meters (15.0%) of fence/wall

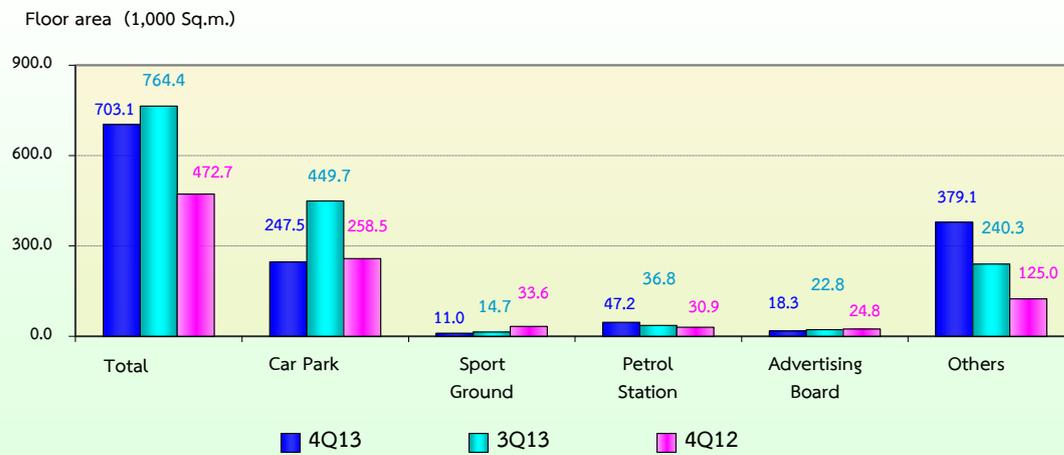
Compared to the past quarter; 3Q13, the total length (meters) of the permitted civil engineering construction decreased by 0.6%. from 3Q13, (from 633,658 to 601,270 meters) and decreased by 5.1 % from 3Q12. (Figure 4)



In terms of the permitted floor area of civil engineering construction, it showed that car park was permitted of about 247,475 square meters (35.2%), Petrol station was about 47,219 square meters (6.7%), advertising board was 18,261 square meters (2.6%) and sport ground was 11,045 square meters (1.6%).

Compared to the 3Q13, the overall permitted construction floor area, which were 764,386 square meters, decreased by 8.0% but increased by 48.7% from 4Q12. (Figure 5)

Figure 5 Permitted floor areas of new civil engineering construction, addition or alteration by type of construction in 4Q13, 3Q13 and 4Q12



Source : The 2013 Construction Area : Quarter 4/2013, National Statistical Office.