

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. In Q3/2016 (July-September) of the nation. The major findings are as follows;

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

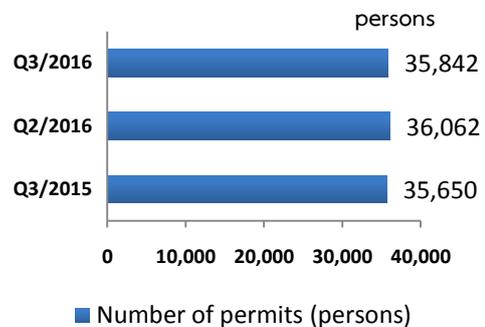
In Q3-2016, the total number of permits of new construction building and addition or alteration were 40,907 persons, composed of 35,842 persons for construction building and 5,065 persons for civil engineering construction.

#### 1.1 Building Construction

The number permitted were about 35,842 persons. Most of them (98.1%) were new construction and those of addition or alteration were 1.9%. In terms of floor area, such as, residential, commercial and office building, factory buildings, hotel buildings, education and health buildings, sewage buildings Agriculture and the entertainment buildings.

Compared to the previous quarter (Q2/2016), the number of permits of new construction and those of addition or alteration decreased of 0.6%. And compared to the same period last year (Q3/2015) the number of permits increased by 0.5% (Figure 1)

Figure 1 The number of permits of new construction building, addition or alteration in Q3/2016

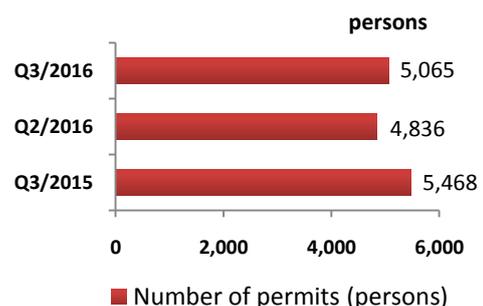


#### 1.2 Civil engineering construction

For the civil engineering construction, there were of about 5,065 persons number of permits, most of them 99.3% for new construction and 0.7% 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 988 persons of number of permits. In terms of the length, civil engineering construction, such as, water drain, road, fence/wall, bridge, dam etc., there were 4,077 persons of number of permits.

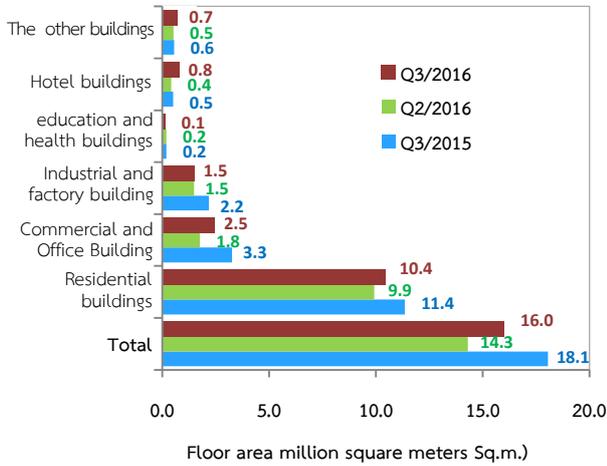
Compared to the previous quarter (Q2/2016), the number of permits increased by 4.7%, (Figure 2) Compared to the same period last year (Q3/2015), it was found that the number of permits decreased about 7.4% (Figure 2)

Figure 2 The number of permits of new civil engineering construction, addition or alteration in Q3/2016



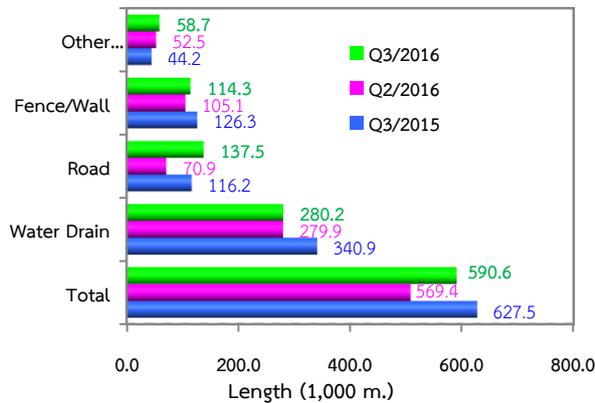
## 2. Floor area of building construction

Figure 3 Compare Permitted floor area of new building, construction addition or alteration by type of building in Q3/2016



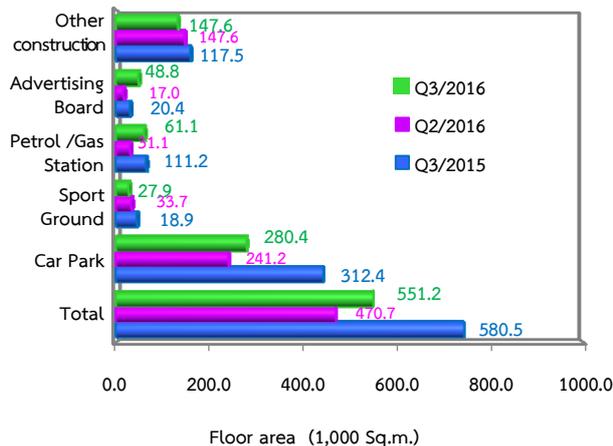
The overall permitted construction floor area 16.0 million square meters in Q3/2016. More than half (65.1% or 10.4 million square meters) of the permitted floor area were residential, followed by floor area of commercial and office building with 15.4% or 2.5 million square meters, factory buildings were 1.5 million square meters (9.3%). For hotel buildings, there were about 0.8 million square meters (5.0%) and education and health buildings were 0.13 million square meters (0.8%). And the other buildings such as, sewage buildings, Agriculture and the entertainment buildings were 0.7 million square meters (4.3%).

Figure 4 Compare Permitted construction length of new civil engineering construction, addition or alteration by type of construction in Q3/2016



For the permitted civil engineering construction, In Q3/2016 the total permitted construction of length 590,605 meters, mostly were constructions of the water drain, about 280,151 meters (47.4%), about 137,494 meters (23.3%) for the construction of road there were 114,296 meters (19.4%) of fence/wall and the other construction such as, Bridge, Dam/Dyke, were 58.7 square meters (9.9%).

Figure 5 Compare Permitted floor areas of new civil engineering construction, addition or alteration by type of construction in Q3/2016



In terms of the permitted floor area of civil engineering construction, the total permitted construction area 551,167 square meters, it showed that car park was permitted of about 280,386 square meters (50.9%), Sport ground was 27,857 square meters (5.0%) Petrol/Gas station was about 61,128 square meters (11.1%), advertising board was 48,804 square meters (8.9%) and The other construction such as, Harbor, Swimming Pool were 132,992 square meters (24.1%)