

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 Q4/2016 (October-December) of the nation. The major findings are as follows;

1. Number of permits and permitted construction area

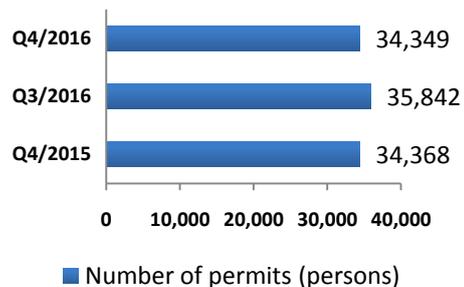
In Q4-2016, the total number of permits of new construction building and addition or alteration were 39,220 persons, composed of 34,349 persons for construction building and 4,871 persons for civil engineering construction.

1.1 Building Construction

The number permitted were about 34,439 persons. Most of them (98.0%) were new construction and those of addition or alteration were 2.0%. 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 (Q3/2016), the number of permits of new construction and those of addition or alteration decreased of 4.2%. And compared to the same period last year (Q4/2015) the number of permits decreased by 0.1% (Figure 1)

Figure 1 The number of permits of new construction building, addition or alteration in Q4/2016 persons

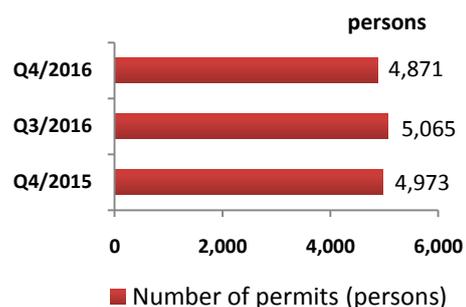


1.2 Civil engineering construction

For the civil engineering construction, there were of about 4,871 persons number of permits, most of them 98.7% for new construction and 1.3% 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 1,013 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 3,858 persons of number of permits.

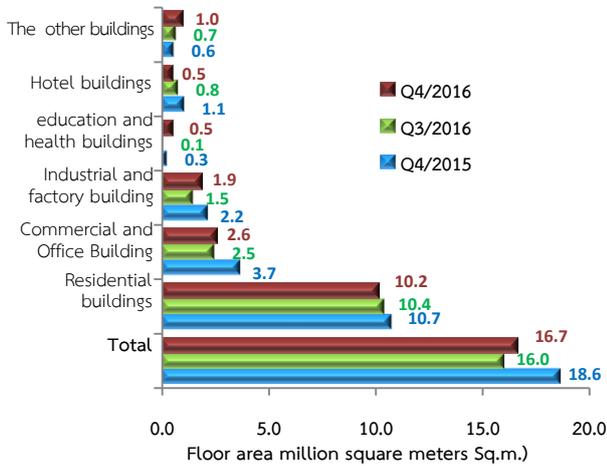
Compared to the previous quarter (Q3/2016), the number of permits decreased by 3.8%, (Figure 2) Compared to the same period last year (Q4/2015), it was found that the number of permits decreased about 2.1% (Figure 2)

Figure 2 The number of permits of new civil engineering construction, addition or alteration in Q4/2016 persons



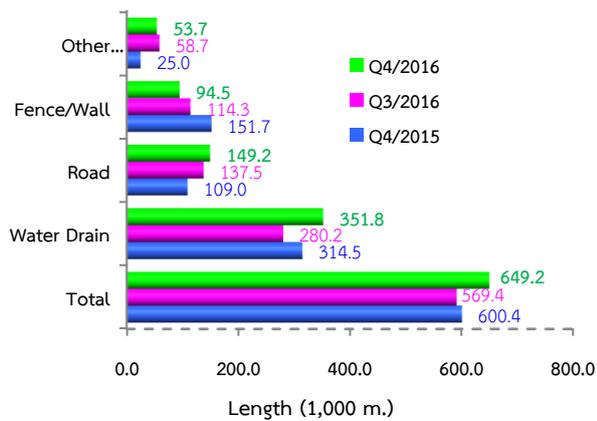
2. Floor area of building construction

Figure 3 Compare Permitted floor area of new building, construction addition or alteration by type of building in Q4/2016



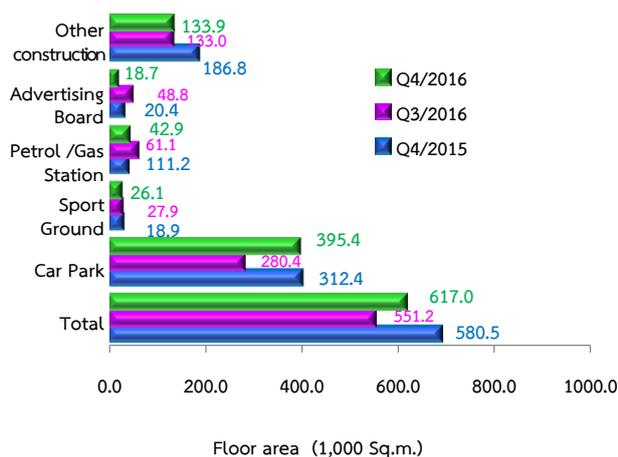
The overall permitted construction floor area 16.7 million square meters in Q4/2016. More than half (61.1% or 10.2 million square meters) of the permitted floor area were residential, followed by Commercial and Office Building were 2.6 million square meters or 15.6%, factory buildings were 1.9 million square meters (11.5%). For hotel and education and health buildings there were close proportion about 0.5 million square meters (3.0%) and the other buildings such as, sewage buildings, Agriculture and the entertainment buildings were 1.0 million square meters (5.9%).

Figure 4 Compare Permitted construction length of new civil engineering construction, addition or alteration by type of construction in Q4/2016



For the permitted civil engineering construction, in Q4/2016 the total permitted construction of length 649,158 meters, mostly were constructions of the water drain, about 351,767 meters (54.2%), about 149,188 meters (23.0%) for the construction of road, there were 94,527 meters (14.5%) of fence/wall and the other construction such as, Bridge, Dam/Dyke, were 53.7 square meters (8.3%).

Figure 5 Compare Permitted floor areas of new civil engineering construction, addition or alteration by type of construction in Q4/2016



In terms of the permitted floor area of civil engineering construction, the total permitted construction area 616,981 square meters, it showed that car park was permitted of about 395,399 square meters (64.1%), Sport ground was 26,050 square meters (4.2%) Petrol/Gas station was about 42,944 square meters (7.0%), advertising board was 18,734 square meters (3.0%) and The other construction such as, Harbor, Swimming Pool were 133,845 square meters (21.7%)