

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 Q1/2016 (January - March) of the nation. The major findings are as follows;

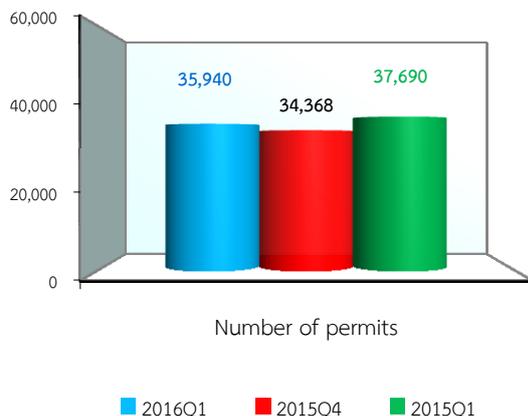
1. Number of permits and permitted construction area

In 2016Q1, the total number of permits of new construction building and addition or alteration were 40,643 persons, composed of 35,940 persons for construction building and 4,703 persons for civil engineering construction.

1.1 Building Construction

The number permitted were about 35,940 persons. Most of them (98.4%) were new construction and those of addition or alteration were 1.6%.

Figure 1 The number of permits of new construction building, addition or alteration in 2016Q1



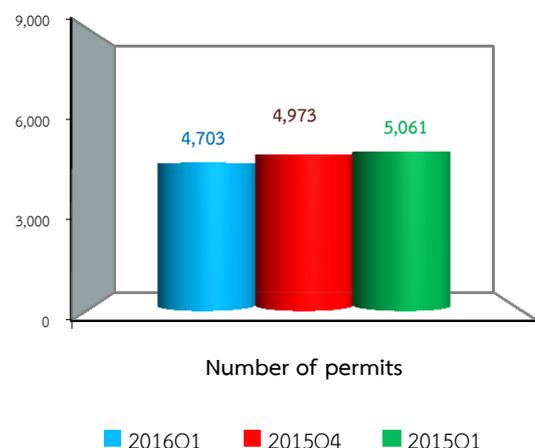
Compared to the previous quarter (2015Q4), the number of permits of new construction increased of 4.6%. If compared to the same period last year (2015Q1), the number of permits decreased by 4.6% (Figure 1)

1.2 Civil engineering construction

For the civil engineering construction, there were of about 4,703 persons number of permits, most of them 99.0% for new construction and 1.0% 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 881 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 3,822 persons of number of permits.

Compared to the previous quarter (2015Q4), the number of permits decreased by 5.4%, Compared to the same period last year (2015Q1), it was found that the number of permits decreased about 7.1% (Figure 2)

Figure 2 The number of permits of new civil engineering construction , addition or alteration in 2016Q1



2. Type of building construction

2.1 The building construction

The overall permitted construction floor area 14.9 million square meters, more than half (66.4% or 9.9 million square meters) of the permitted floor area in 2016Q1 were residential floor area, followed by floor area of commercial and office building with 13.4% or 2.0 million square meters, factory buildings were 1.7 million square meters (11.4%). For hotel buildings, there were about 0.42 million square meters (2.8%) and education and health buildings were 0.23 million square meters (1.5%).

The overall permitted construction floor area decreased with 20.1% from the previous quarter (2015Q4). especially, The hotel buildings decreased about 61.2% floor area For The Commercial and Office Building decreased about 45.0%. The Industrial and factory building decreased by 24.0%, the permitted constructions education and health decreased about 18.3%, But the residential buildings decreased of 7.9%, and the other buildings such as, sewage buildings

Figure 3 Compare Permitted floor area of new building, construction addition or alteration by type of building in 2016Q1

Type of Building	Floor area (square meters)		
	Quarter 1 2016	Quarter 4 2015	Quarter 1 2015
Total	14,868,998	18,607,352	17,262,081
Residential Building	9,881,790	10,733,565	11,100,117
Commercial and Office Building	2,035,717	3,701,839	2,736,052
Industrial and Factory Building	1,665,911	2,190,846	2,403,805
Education and Health Building	232,318	284,313	153,521
Hotel	423,829	1,093,305	328,892
Others	629,433	603,484	539,694

Agriculture and the entertainment buildings increased by 4.3%

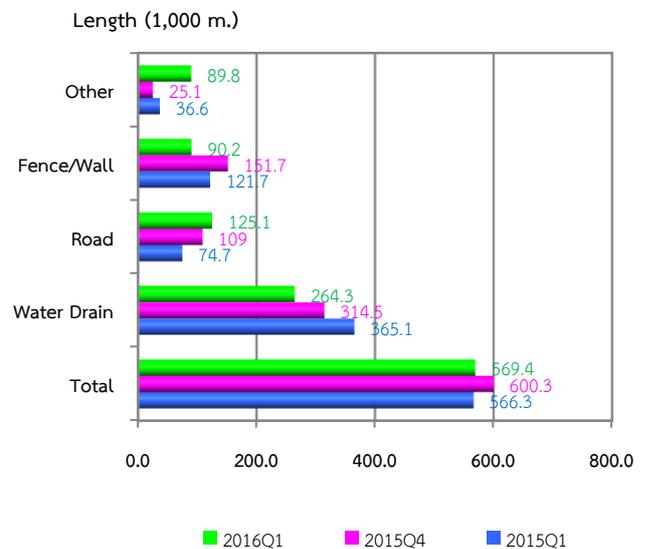
Compared to the same period last year (2015Q1), it was found that the total permitted construction floor area about 14.9 million square meters decreased by 13.9%. (Figure 3)

2.2 The civil engineering construction

For the permitted civil engineering construction, mostly were constructions of the water drain, about 264,268 meters (46.4%), there were 125,129 meters (22.0%) for the construction of road and about 90,195 meters (15.8%) of fence/wall.

Compared to the previous quarter (2015Q4); the total length (meters) of the permitted civil engineering construction decreased by 5.2%. and increased by 0.5 % from the same period last year (2015Q1) (from 566,354 to 569,380 meters). (Figure 4)

Figure 4 Compare Permitted construction length of new civil engineering construction, addition or alteration by type of construction in 2016Q1



In terms of the permitted floor area of civil engineering construction, it showed that car park was permitted of about 254,865 square meters (56.5%), Sport ground was 42,935 square meters (9.5%) Petrol/Gas station was about 31,954 square meters (7.1%), advertising board was 24,542 square meters (5.5%) and The other construction was 96,562 square meters (21.4%)

Compared to the previous quarter, the overall permitted construction floor area, which were 450,858 square meters decreased by 34.6%, but decreased by 12.2% from the same period last year (2015Q1). (Figure 5)

Figure 5 Compare Permitted floor areas of new civil engineering construction, addition or alteration by type of construction in 2016Q1

