

THE 2005 CONSTRUCTION AREA

Quarter 2/2005

1. Background and Objective

The National Statistical Office has collected data on permitted area both new construction, and addition or alteration under the Municipal Act since 1966. The data use for calculating the National Account (Gross Fixed Capital Formation) and real estate information center.

Data presented are the permitted construction area in Q2/2005 (April-June 2005) in every province where are under the Construction Control Act : B.E. 2522

2. The summary of the construction area in Q2/2005, are as follows :

2.1 Number of permits and construction area

In Q2/2005, the number of permits of construction building were 45,537 persons with floor area of 13.81 million square metres. And number of permits for civil engineering construction were 7,459 persons. Whereas the total floor area of Car Park, Sport Ground, Petrol Station, Advertising Board etc, were 276,689 square metres. And the total length of Water Drain, Road, Fence/Wall etc, were 631,774 metres.

Table 1 Permitted number and floor area of new construction, addition or alteration by type of Construction.

type of Construction.	Q2/2005	Percent Change	
		Q1/2005	Q2/2004
Construction Building			
- Number of Permits (person)	45,537	-11.6	-13.7
New Construction (percent)	97.9	-0.4	-0.7
Addition or Alteration (percent)	2.1	0.4	0.7
- Floor Area (sq.m.)	13,810,922	-12.1	-7.1
Civil Engineering Construction			
- Number of Permits (person)	7,459	-16.2	1.5
New Construction (percent)	99.5	-0.1	0.4
Addition or Alteration (percent)	0.5	0.1	-0.4
- Floor Area			
Floor Area (sq.m.) ^{1/}	276,689	-32.2	-0.6
Length (metre) ^{2/}	631,774	-11.1	-26.7

^{1/} Car Park, Sport Ground, Petrol Station, Advertising Board

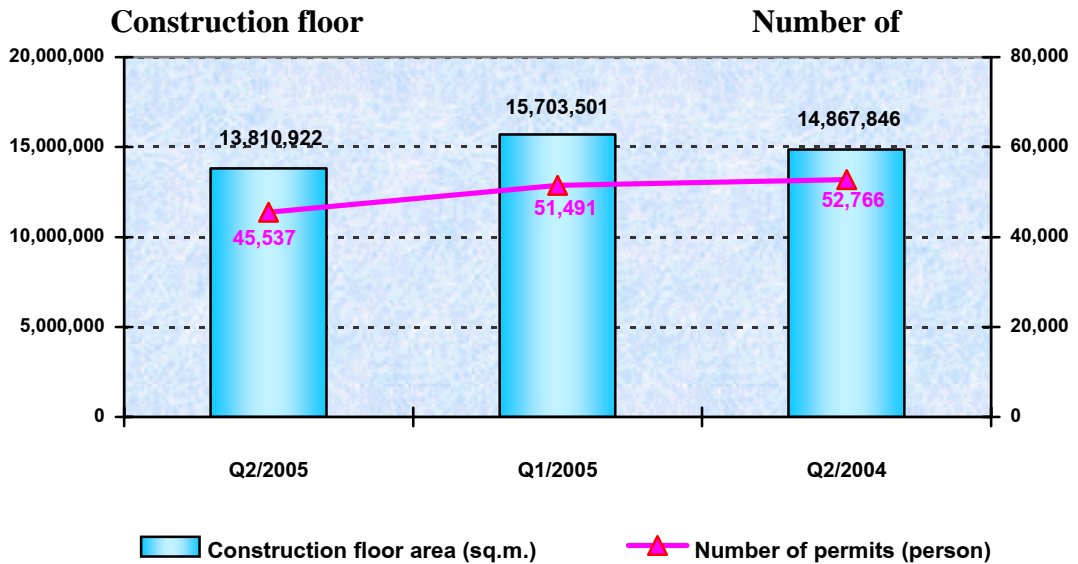
^{2/} Dam, Water Drain, Road Bridge, Fence/Wall

The Number of permits in Q2/2005 was the new construction about 97.9 percent and those of addition or alteration construction was 2.1 percent.

Comparing the permits number to the Q1/2005 it was found that it has decreased about 11.6 percent and floor area has decreased about 12.1 percent. If compare to the Q2/2004 it was found that both

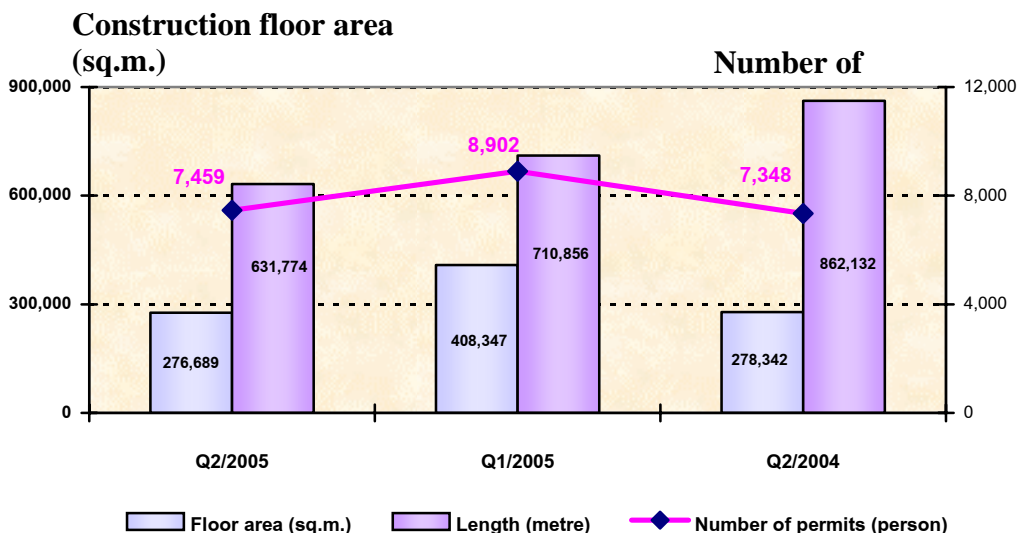
the number of permitted construction and floor area were decreased 13.7 percent and 7.1 percent respectively.

Figure 1 Number of permits and floor areas of new construction building, addition or alteration of building between Q2/2005, Q1/2005 and Q2/2004



For the civil engineering construction, the number of permitted construction was decreased by 16.2 percent from Q1/2005. Where floor area (such as Car Park, Sport Ground, Petrol Station and Advertising Board) was decreased by 32.2 percent. And the length of the construction (such as Water Drain, Road, Fence/Wall) has decreased 11.1 percent. Comparing to the Q2/2004 it was found that the number of permitted construction was increased by 1.5 percent, while floor area was decreased 0.6 percent and the length has decreased 26.7 percent.

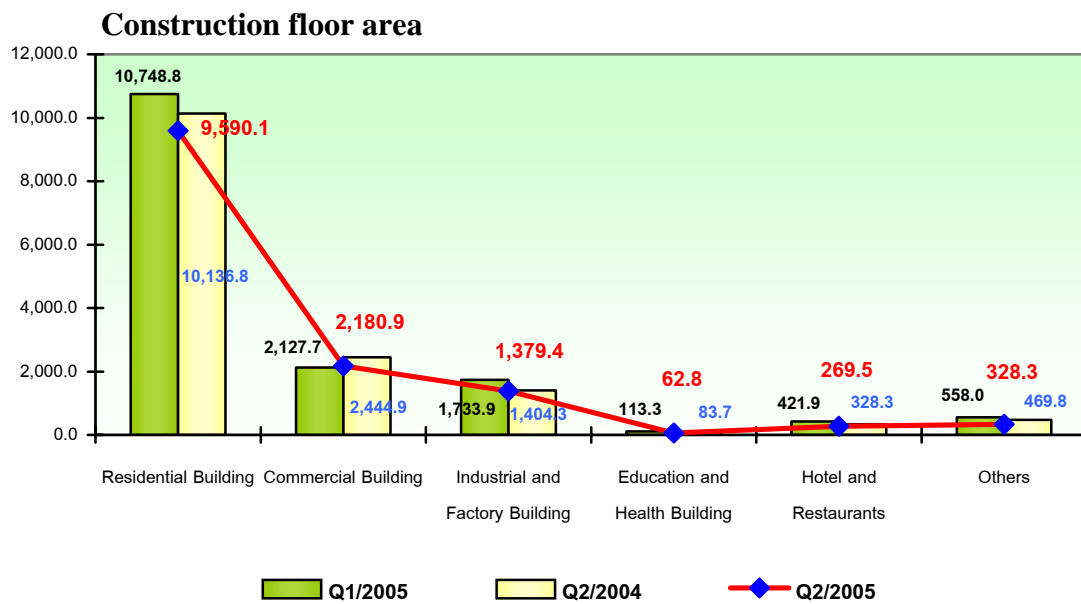
Figure 2 Number of permits and floor areas of new construction, addition or alteration of civil engineering construction between Q2/2005, Q1/2005 and Q2/2004



2.2 Type of construction building

Most of permitted construction building in Q2/2005 was the residential buildings with 9.59 million square metres of floor area. Followed by the commercial building with 2.18 million square metres. Industrial and factory building with 1.38 million square metres. Hotel and Restaurants with 269,456 square metres. Education and Health Building of floor areas permitted with 62,829 square metres.

Figure 2 Permitted floor areas of construction building by type of building between Q2/2005, Q1/2005 and Q2/2004



Comparing to the Q1/2005 it was found that, most of permitted construction floor area have decreased, especially the construction for Education and Health Building have decreased by 44.5 percent and 24.9 percent from Q2/2004 respectively. The Commercial Building have increased 2.5 percent But decreased 10.8 percent from Q2/2004

The number of civil engineering construction, most of them were water drain construction with 384,805 metres (60.9 percent), The civil engineering construction such as Fence/Wall was 143,450 metres (22.7 percent) of permitted. and 84,357 metres (13.4 percent) of Road. The floor area of Car Park has been permitted 142,116 square metres (51.4 percent) and Petrol Station are 47,808 square meters (17.3 percent).

Comparing to the Q1/2005 and Q2/2004 it was found that, the length of the civil engineering construction permitted have 11.1 percent decreased from Q1/2005 and 26.7 percent from Q2/2004. The floor areas of the engineering construction has decreased 32.2 percent from Q1/2005. And 0.6 percent from Q2/2004.

Table 2 Floor Area and Length of new construction building, Addition or alteration by type of Building and Construction

Type of Building and Construction	Q2/2005	Percent Change	
		Q1/2005	Q2/2004
Construction Building			Square metres
Total	13,810,922	-12.1	-7.1
Residential Building	9,590,056	-10.8	-5.4
Commercial Building	2,180,870	2.5	-10.8
Industrial and Factory Building	1,379,433	-20.4	-1.8
Education and Health Building	62,829	-44.5	-24.9
Hotel and Restaurants	269,456	-36.1	-17.9
Others ^{1/}	328,278	-41.2	-30.1
Civil Engineering Construction			
Length (meter)	631,774	-11.1	-26.7
Water Drain	384,805	-9.0	23.1
Road	84,357	-49.7	-76.2
Fence/Wall	143,450	28.1	-22.5
Others ^{2/}	19,162	133.3	88.2
Floor Area (sq.m.)	276,689	-32.2	-0.6
Car Park	142,116	-36.3	-25.3
Sport Ground	1,023	-96.0	-90.8
Petrol Station	47,808	4.7	476.4
Advertising Board	19,277	-77.5	-8.1
Others ^{3/}	66,465	134.0	39.3

Note : Data presented included those have not started the construction yet.

^{1/} Condominium, Sewerage Building, Water Supply and Filter Plant, Agricultural Building, Entertainment

^{2/} Bridge, Dam

^{3/} Foot path, Archway

Source : The Construction Area, April – June 2005, National Statistical Office