



# Taiwan Internet in Splendid Year 100



## Network Infrastructure in Taiwan

To present current status of network infrastructure in Taiwan, Taiwan Network Information Center (TWNIC) compiles some information related to domain names, IP addresses, network bandwidths, and broadband Internet usage in the recent decade.

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### 1. .tw Domain Names

By the end of September 2011, a total of 506,986 .tw domain names were registered (See Figure 1). The most popular type of domain name was .com.tw (See Figure 2).

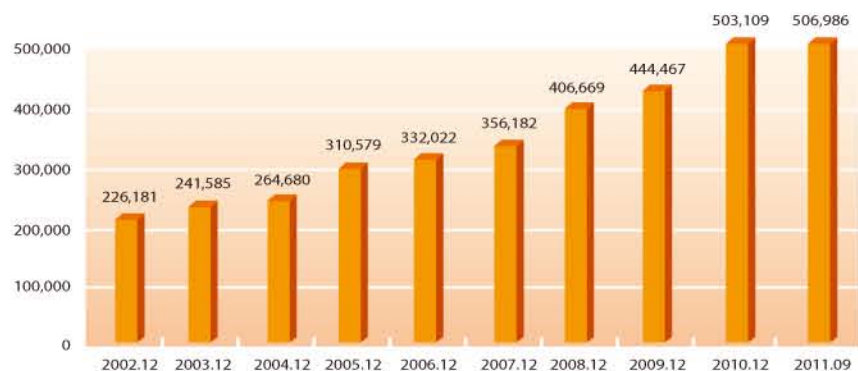


Figure 1 : Number of .tw Domain Names

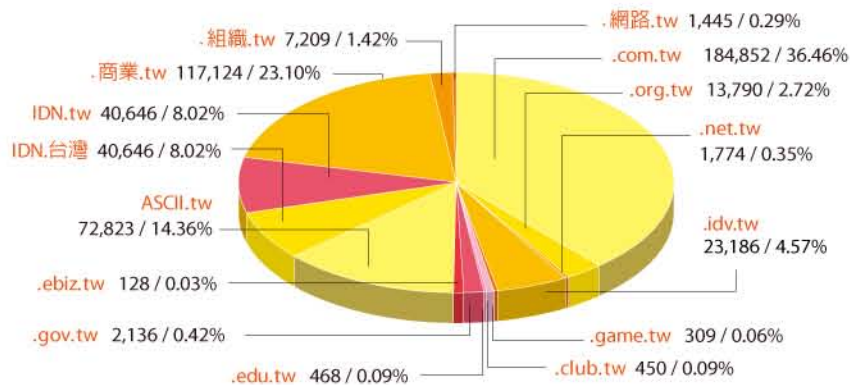


Figure 2 : Breakdown of the number of registered .tw Domain Names

### 2. IP Addresses and AS Numbers

The IPv4 and IPv6 address allocations increased steadily in Taiwan as shown in Figure 3 and Figure 4, and were listed 13th and 9th respectively in the global ranking. As of September 2011, a total of AS Numbers were 308 (See Figure 5).

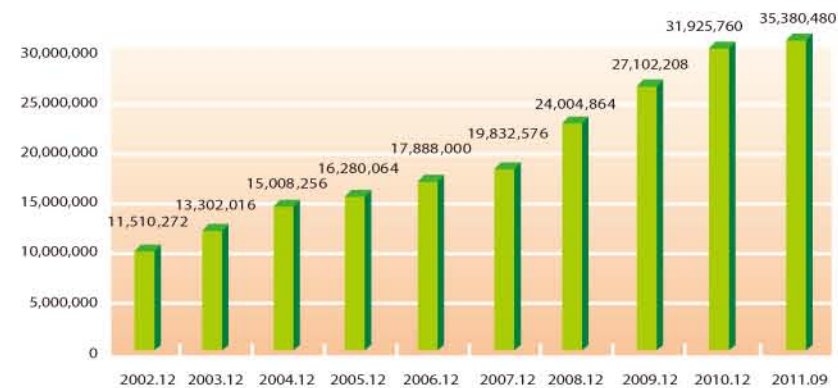


Figure3 : Number of IPv4 Addresses

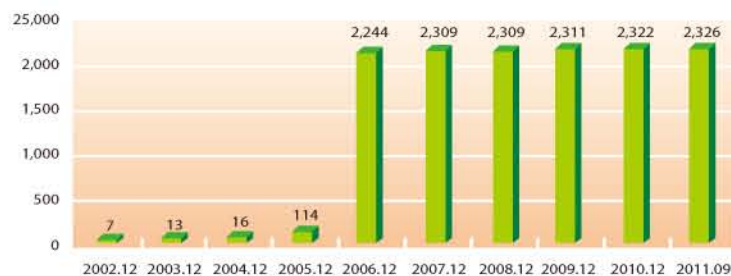
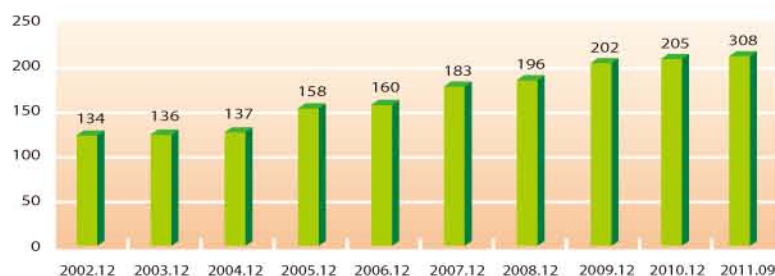


Figure 4 : Number of IPv6 Addresses (Unit : /32= 2<sup>96</sup> ≈ 7.9x10<sup>28</sup>)



AS 核發數量

Figure 5 : Number of AS Numbers

For more statistics from TWNIC, please refer to <http://stat.twnic.net.tw>.



### 3. .tw www Servers

By the end of September 2011, there were 140,599.tw www Servers (See Figure 6).

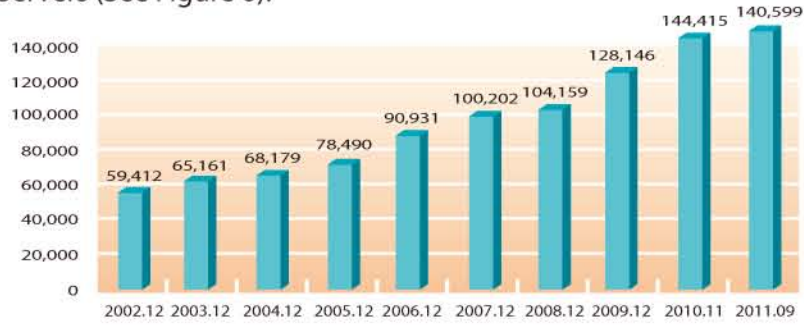


Figure 6 : Number of .tw www Servers

### 4. International Internet Bandwidth

According to the "Taiwan Internet Connectivity Survey", as of October 2011, total bandwidths of Taiwan's international Internet connectivity (See Figure 7) reached 554,751 Mbps.

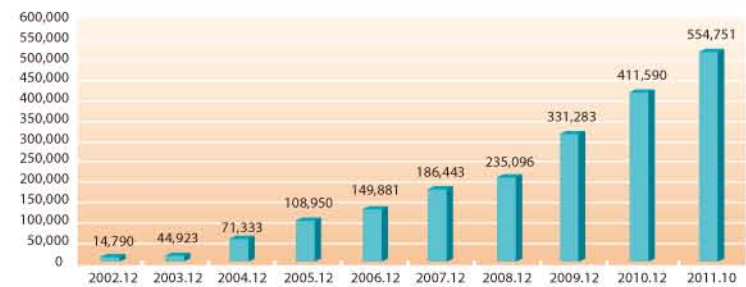


Figure 7 : International Internet Bandwidth (Unit: Mbps) Domestic Internet connection bandwidth has continued to increase, as shown in Table 1.

Table 1 : Domestic Connection Bandwidth in July 2011 (Unit: Mbps)

No.	Name	Bandwidth	No.	Name	Bandwidth
1	HiNet	274,659	6	TANet	124,965
2	TWIX	253,447	7	KE-ING	81,000
3	NCIC	221,427	8	EBIX	70,122
4	TFN	184,390	9	TWAREN	67,000
5	CNS-KBT	171,100	10	SO-Net	56,904

### 5. Internet Users and Households

The latest "Broadband Internet Usage Survey" conducted by TWNIC found that a total of Internet users in Taiwan were 16.95 million, representing 73.57% of the total population. A total of internet users aged 12 and above were 15.39 million, broadband 14.35 million, wireless 7.30 million and mobile Internet users 3.83 million (See Figure 8 and Figure 9).

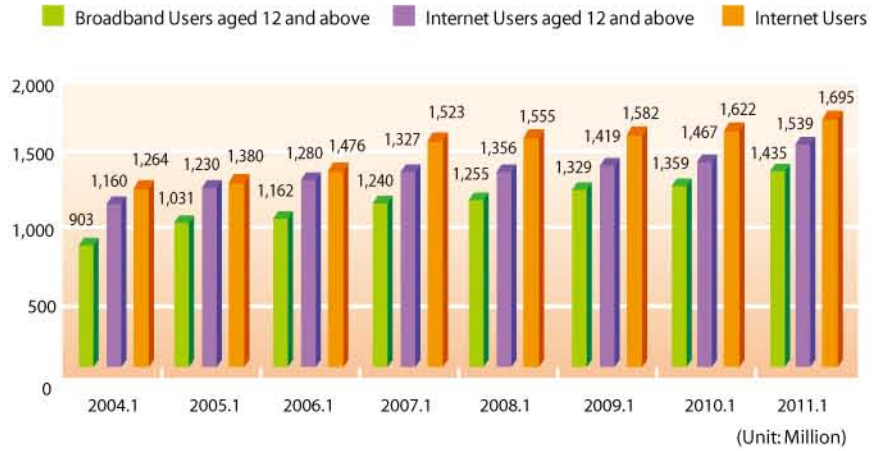


Figure 8 : Internet Users in Taiwan (Unit: Million)

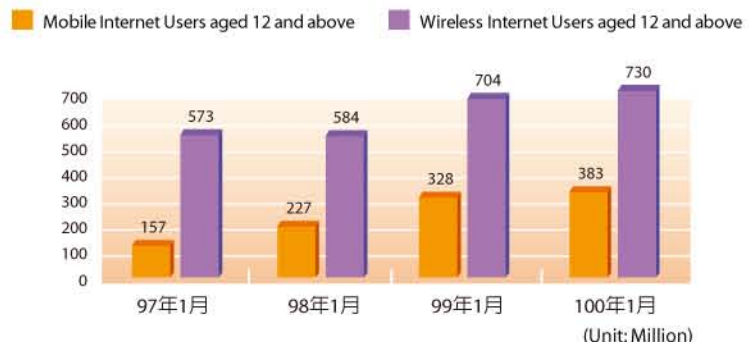


Figure 9 : Mobile and Wireless Internet Users aged 12 and above (Unit: Million)

The Survey also found that there were 6.2 million Internet Households, and 5.69 million Broadband Households (See Figure 10).

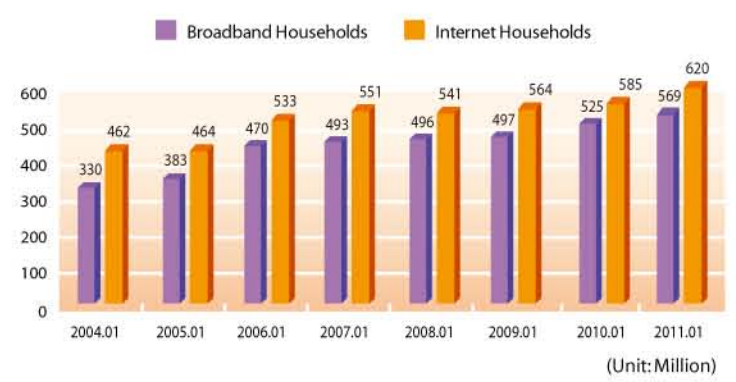


Figure 10 : Internet and Broadband Households (Unit: Million)

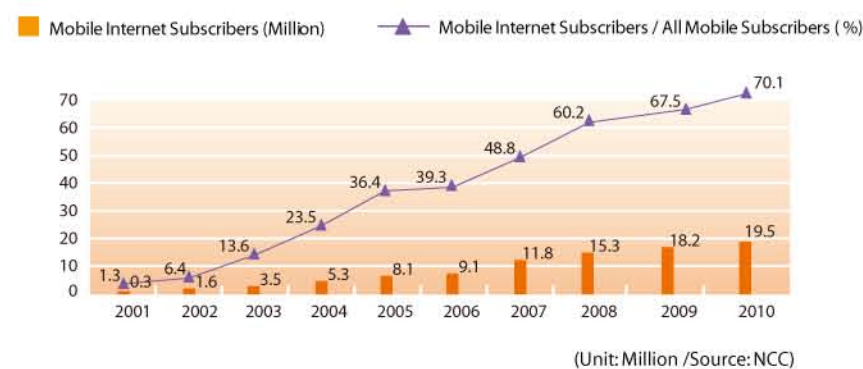


Figure 11 : Expansion of Mobile Internet Subscribers (Unit: Million /Source: NCC)

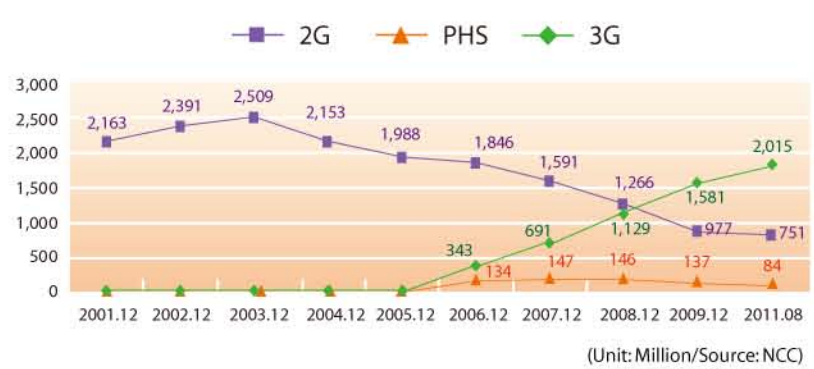


Figure 12 : Mobile Phone Subscribers (Unit: Million/Source: NCC)