

1 「.tw/.台灣」網域名稱註冊數量統計 .tw/.台灣 Domain Names

在網路上的每一台電腦都有一組稱為IP(Internet Protocol)的位址，例如211.72.211.7，但因不易記憶，所以網域名稱(Domain Name)以簡單的字串如twmic.net.tw來代表這一組IP位址。截至105年7月底止，「.tw/.台灣」網域名稱註冊總量已達678,917。

Every computer on the Internet has a unique Internet Protocol (IP) address, for example, the IP Address 211.72.211.7 is not easy to remember. The Domain Name System makes using the Internet easier by allowing a familiar string of letters like twmic.net.tw to be used instead of the IP address.

As of July 2016 a total of 678,917 “.tw/.台灣” domain names were registered (See Figure 1).

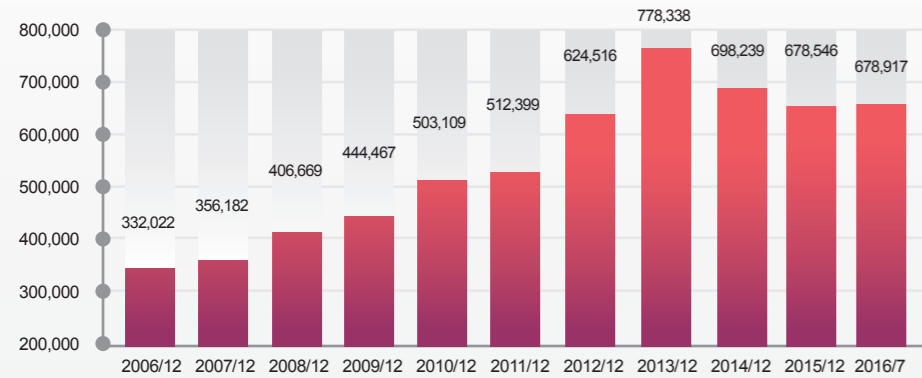


圖1：「.tw/.台灣」網域名稱註冊數量統計(單位:個)

Figure 1 : Number of “.tw/.台灣” Domain Name Registrations

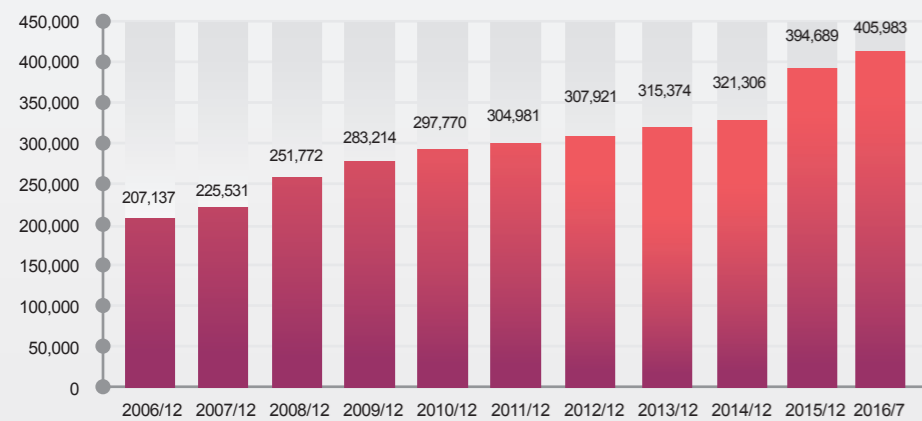


圖2：「.tw」英文網域名稱註冊數量統計(單位:個)

Figure 2: Number of “.tw” English Domain Name Registrations

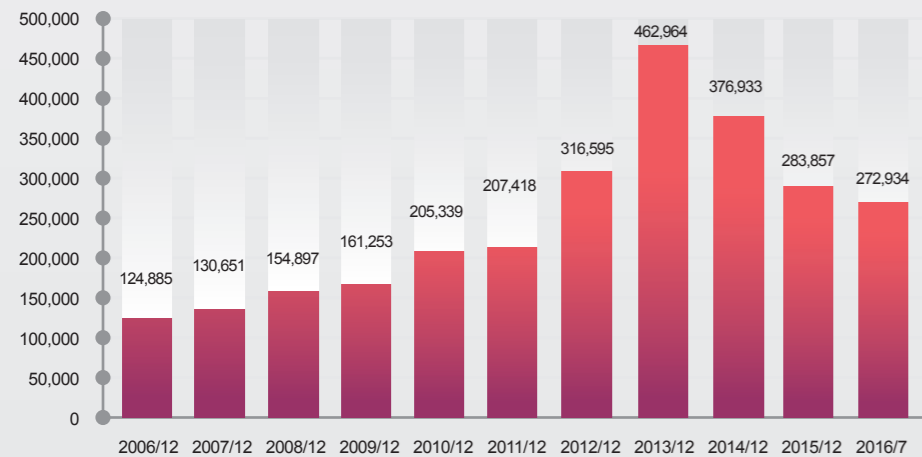


圖3：「.tw/.台灣」中文網域名稱註冊數量統計(單位:個)

Figure 3: Number of “.tw/.台灣” Chinese IDN Domain Name Registrations

2 IP位址及AS號碼數量統計 IP Addresses and AS Numbers

網際網路通訊協定位址(Internet Protocol Address)是用來辨識網際網路上主機位置所在，以固定且唯一的一串數字位址分配予主機。台灣IP位址核發數量，在IPv4位址發放數量統計上，台灣居全球第15名; IPv6位址發放數量為全球第18名。

Internet Protocol Address is a numerical label assigned to each device participating in a computer network that uses the Internet Protocol for communication.

The allocations of IPv4 and IPv6 addresses are shown in Figure 4 and Figure 5. In the global ranking of IPv4 and IPv6 allocations, Taiwan ranks the 15th and 18th respectively.

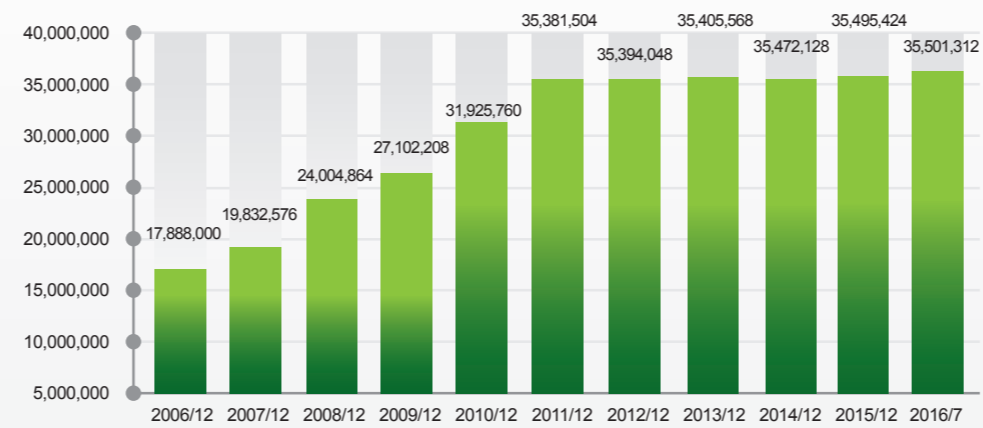


圖4：台灣IPv4位址數量統計(單位:個)

Figure 4 : Number of IPv4 Addresses

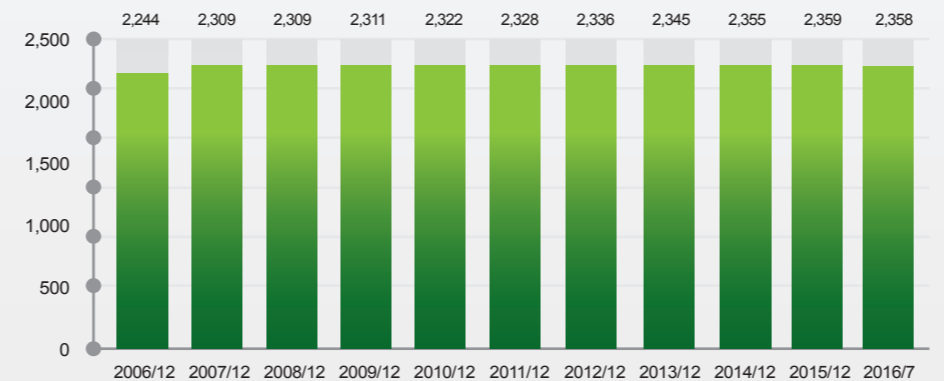


圖5：台灣IPv6位址數量統計(單位:/32個)【備註】單位:/32，等於 2^{96} ，約為 7.9×10^{28} 個

Figure 5 : Number of IPv6 Addresses (/32= $2^{96} \approx 7.9 \times 10^{28}$)

自治系統號碼(ASN)是一個提供自治系統(AS)間交換動態路由由資訊的唯一識別碼，截至105年7月國內自治系統號碼核發數為345個。

Autonomous System Numbers (ASN) are unique identifiers for a collection of networks, or routers that share a common set of routing policies.

As of July 2016 the total number of AS Numbers was 345 (See Figure 6).



圖6：台灣ASN核發數量統計(單位:個)

Figure 6 : Number of AS Numbers

3 .tw WWW Serve數量統計 .tw WWW Servers

.tw WWW Server數量截至105年8月底共計有162,122台WWW Server。

By the end of August 2016 the number of .tw WWW Servers is 162,122 (See Figure 7).

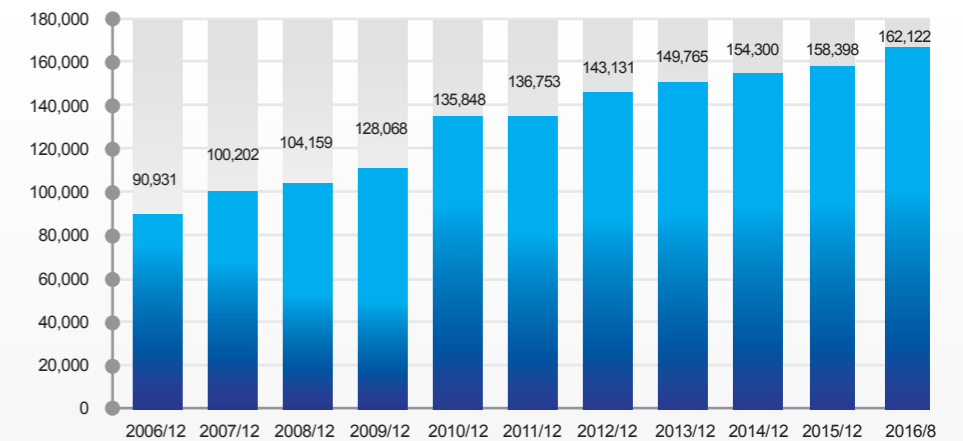


圖7：.tw WWW Server數統計(單位:台)

Figure 7 : Number of .tw WWW Servers

4 連線頻寬統計 Internet Connection Bandwidth

「台灣網際網路連線頻寬調查」結果顯示，於105年7月公布之我國對外連線總頻寬達1,769,809Mbps。

The Taiwan Internet Connection Bandwidth Survey shows that the total International Internet connection bandwidth reached 1,769,809Mbps by the end of June 2015.

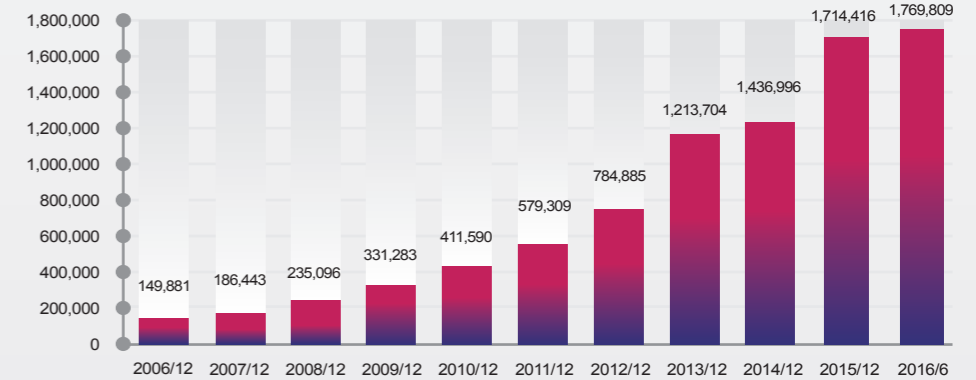


圖8：台灣對外連線總頻寬統計(單位:Mbps)

Figure 8 : International Internet Connection Bandwidth (Mbps)

國內各連線單位互連頻寬方面，於105年7月公布的相關數據呈現成長狀態，國內網路持續活躍。

Domestic Internet Connection Bandwidth among local ISPs shows steady growth, according to the survey's result in June 2016 (See Table 1).

項目 NO	連線調查單位 Name	國內互連總頻寬 Bandwidth	項目 NO	連線調查單位 Name	國內互連總頻寬 Bandwidth
1	台灣固網TFN	1,085,236	6	中嘉和網CNS-KBT	479,300
2	速博NCIC	835,577	7	遠傳電信FETnet	403,433
3	中華電信HiNet	651,156	8	教育部TANet	263,965
4	台灣大哥大Taiwan Mobile	560,000	9	中嘉寬頻Ke-ing	243,000
5	台灣國際網路交換中心TWIX	544,690	10	是方電訊Chief	233,636

表1：國內互連總頻寬統計前10大單位(單位:Mbps)

Table 1 : Domestic Internet Connection Bandwidth (Mbps)

5 上網人口及家戶數統計

Internet Users and Households with Internet Access

TWNIC 104年5月台灣寬頻網路使用調查結果顯示：上網有1,883萬人，上網比例為80.30%；12歲以上民衆曾經上網有1,757萬人，使用寬頻上網有1,748萬人，使用無線上網有1,484萬人，使用行動上網有1,295萬人。

The latest Broadband Internet Usage Survey shows that there are 18.83 million Internet users in Taiwan, representing 80.30% of the total population. The number of Internet users aged 12 years old and above is 17.57 million. Among them, there are 17.48 million broadband Internet users, 14.84 million wireless Internet users and 12.95 million mobile Internet users (See Figure 9 and Figure 10).

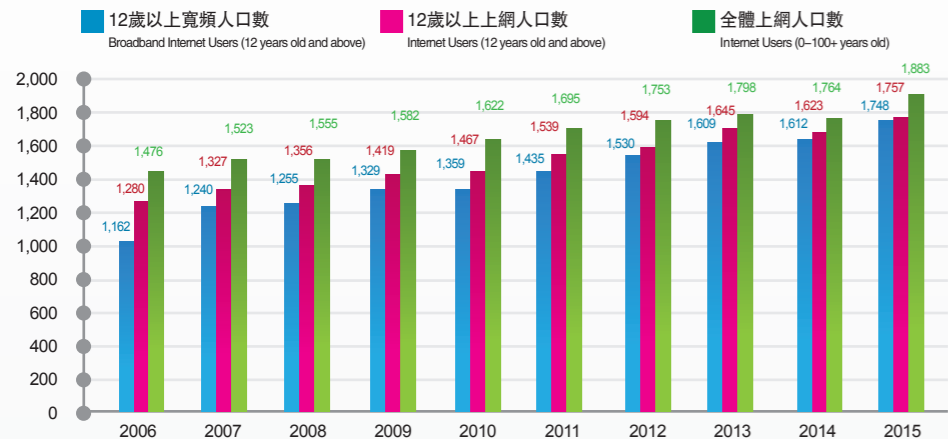


圖9：台灣上網人口統計 (單位:萬人)

Figure 9: Internet Users in Taiwan (Ten Thousands)

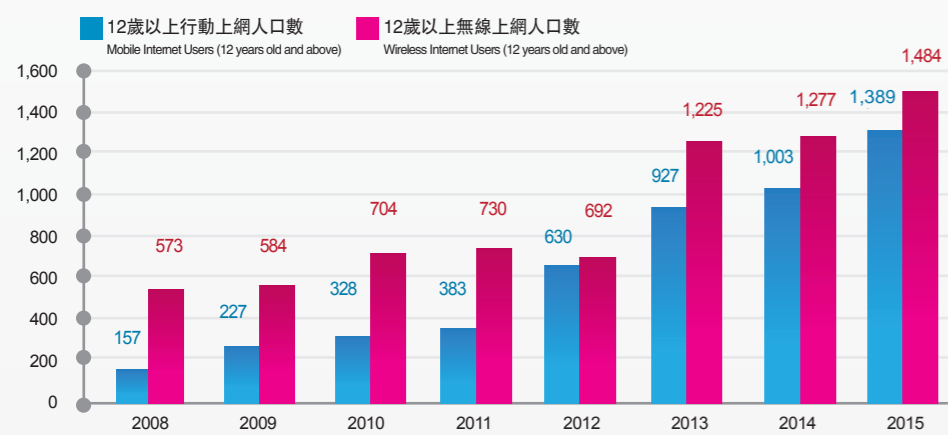


圖10：台灣12歲以上行動上網與無線上網人口統計 (單位:萬人)

Figure 10: Mobile and Wireless Internet Users Aged 12 Years Old and Above (Ten Thousands)

在家戶數統計已上網家戶數達750萬戶;而寬頻上網之戶數共計747萬戶

In terms of households with Internet access, the total number is 7.50 million. Among them, 7.47million households have broadband Internet access (See Figure 11).

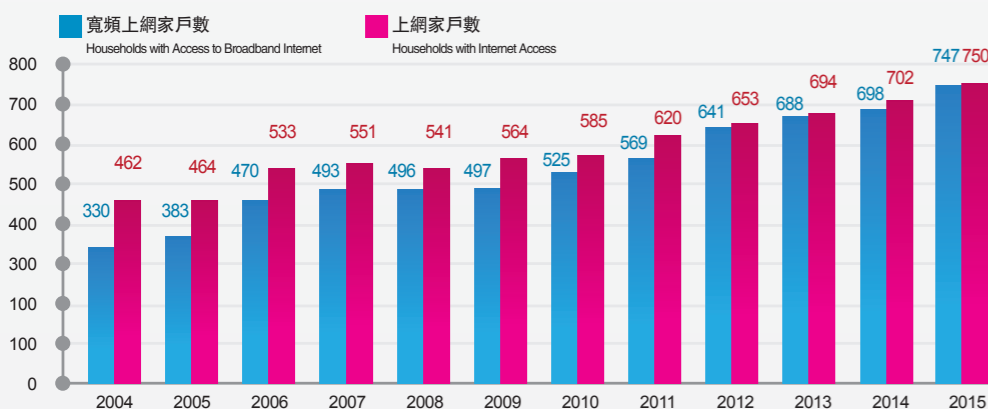


圖11：台灣上網家戶與寬頻上網家戶數統計 (單位:萬戶)

Figure 11: Households with Internet and Broadband Internet Access (Ten Thousands)

TWNIC 104年5月調查顯示18至30歲民衆曾上網率達100%，年滿18-24歲上網者中，40.90%為男性，59.10%為女性，主要職業為學生與服務業，每個月收入則在3萬元以下；年滿25-30歲上網者中，52.70%為男性，47.30%為女性，主要職業為軍警公教、傳統製造業、服務業、資訊電子業，每個月收入則在2萬元至5萬元以下。

The survey shows that the Internet penetration rate among citizens between 18 and 30 years old is 100%. Among Internet users aged between 18 and 24 years old, there are more female users (59.10%) than male (40.9%). Most of them are university and high school students and work in the service industry with a monthly income under NT\$30,000.

Among Internet users between 25 and 30 years old, there are more male users (52.70%) than female (47.30%). Most of them work in the fields of service, manufacturing, information and/or for public sectors. Their monthly income ranges from NT\$20,000 to NT\$50,000.

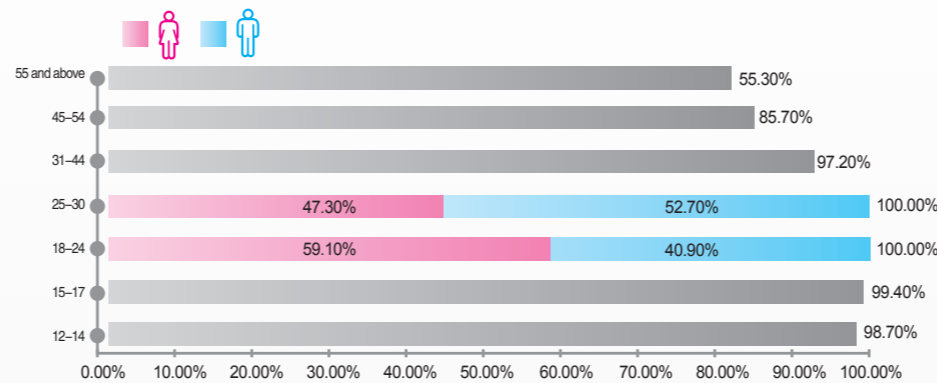


圖12：我國12歲以上民衆曾上網率 (單位:年齡、百分比)

Figure 12: Internet Users Aged 12 and above (Age, Percentage)

國家通訊傳播委員會(NCC)以業者回報統計資料顯示(105年7月)行動通信用戶數達2,903萬戶

Statistics from the National Communications Commission (NCC) show that by the end of July 2016 the number of mobile subscribers is 29.03 million (See Figure 13). NCC's data is collected based on the feedback reports from mobile service providers. Please visit <http://www.ncc.gov.tw> for more information.

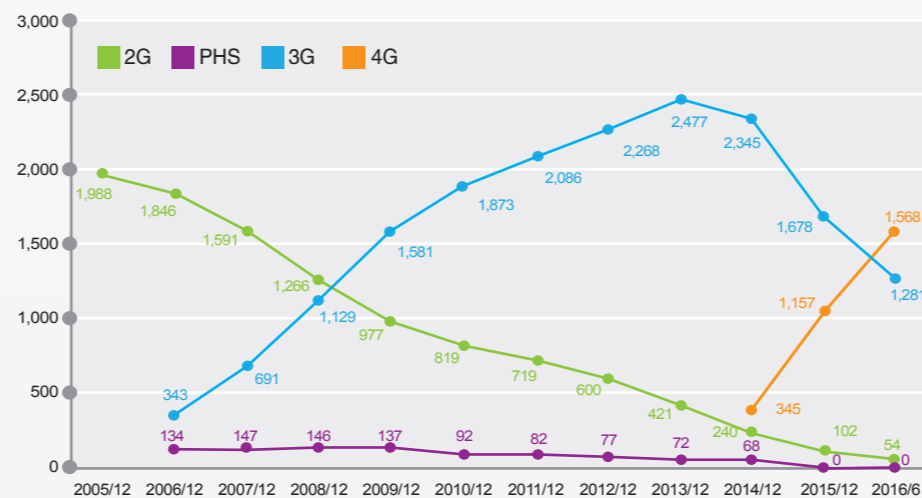


圖13：各類行動用戶數成長統計 (單位:萬戶)

Figure 13: Mobile Service Subscribers (Ten Thousands) Source: NCC

TWNIC相關統計資料查詢 <http://stat.twinc.net.tw>
For more statistics from TWNIC, please refer to <http://stat.twinc.net.tw>

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台灣網路基礎建設概要

Internet Infrastructure in Taiwan: A Monthly Summary

台灣網路資訊中心以台灣網路基礎建設為主軸，進行長期與系統性之調查與研究，彙集重要統計資訊，並統整TWNIC核心業務DN、IP相關統計數據，協助民衆快速了解我國網路重要數據，掌握我國網路使用現況與整體發展。

The Taiwan Network Information Center (TWNIC) conducts surveys and researches on Taiwan's Internet infrastructure on a long term basis, bringing together important statistics on the use of the Internet. Combined with TWNIC's core businesses, such as statistics of domain name registrations and IP address allocations, "Internet Infrastructure in Taiwan: A Monthly Summary" aims to help the public learn more about the current development of the Internet.

財團法人台灣網路資訊中心
Taiwan Network Information Center
中華民國105年9月印製
Published in September 2016

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