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twnic.net.tw來代表這一組IP位址。截至105年10月底止，「.tw/.台灣」網域名稱註冊總量已達689,974。

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 twnic.net.tw to be used instead of the IP address.
As of October 2016 a total of 689,974 ".tw/.台灣" domain names were registered (See Figure 1).

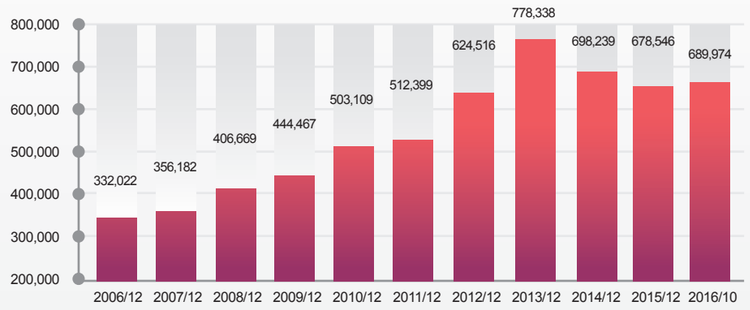

圖1：「.tw/.台灣」網域名稱註冊數量統計 (單位:個)
Figure 1：Number of ".tw/.台灣" Domain Name Registrations

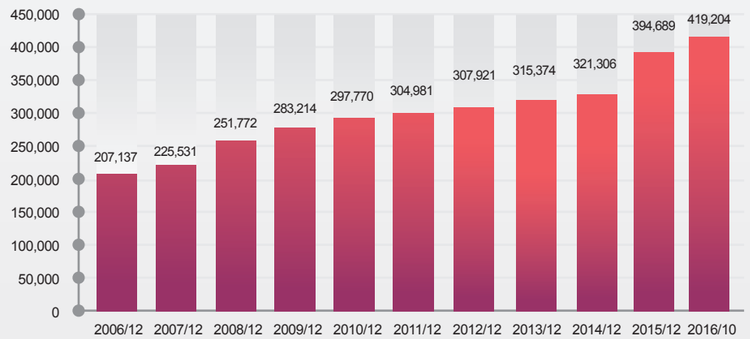

圖2:「.tw」英文網域名稱註冊數量統計(單位:個)
Figure 2: Number of ".tw" English Domain Name Registrations

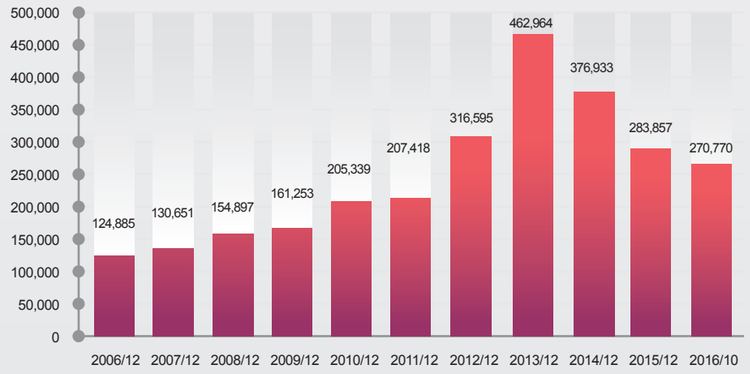

圖3:「.tw/.台灣」中文網域名稱註冊數量統計(單位:個)
Figure 3: Number of ".tw/.台灣" Chinese IDN Domain Name Registrations

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.

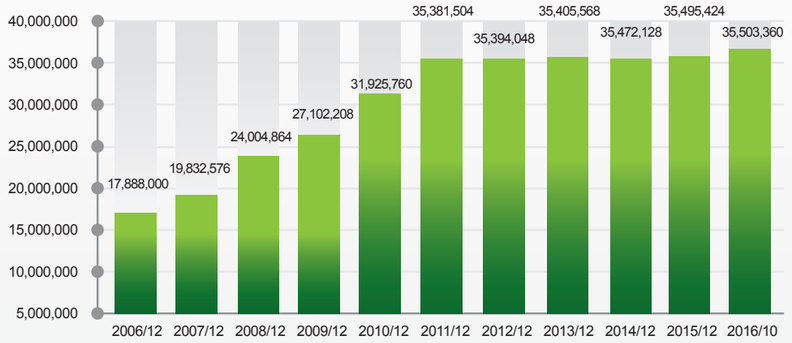

圖4：台灣IPv4位址數量統計 (單位:個)
Figure 4：Number of IPv4 Addresses

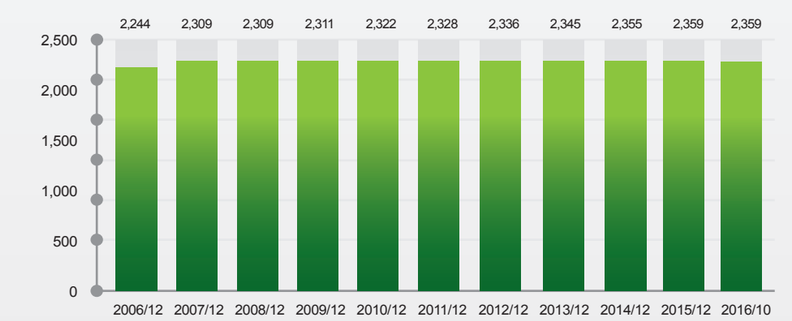

圖5：台灣IPv6位址數量統計 (單位:/32個)【備註】單位:/32，等於2^{96}，約為$7.9x10^{28}$個
Figure 5：Number of IPv6 Addresses (/32=2^{96}≒$7.9x10^{28}$)

自治系統號碼(ASN)是一個提供自治系統(AS)間交換動態路由資訊的唯一識別碼，截至105年10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 October 2016 the total number of AS Numbers was 345 (See Figure 6).

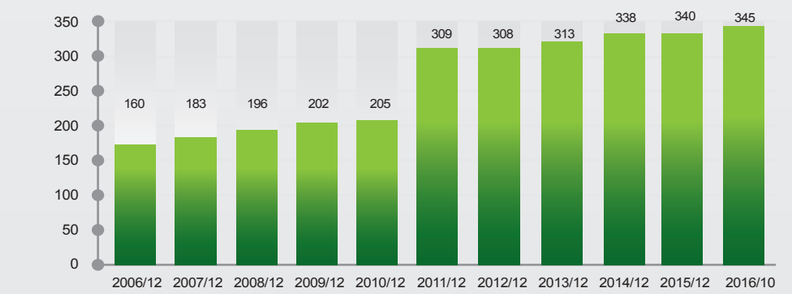

圖6：台灣ASN核發數量統計 (單位:個)
Figure 6：Number of AS Numbers

3 .tw WWW Serve數量統計
.tw WWW Servers

.tw WWW Server數量截至105年11月底共計有162,314台WWW Server。

By the end of November 2016 the number of .tw WWW Servers is 162,314 (See Figure 7).

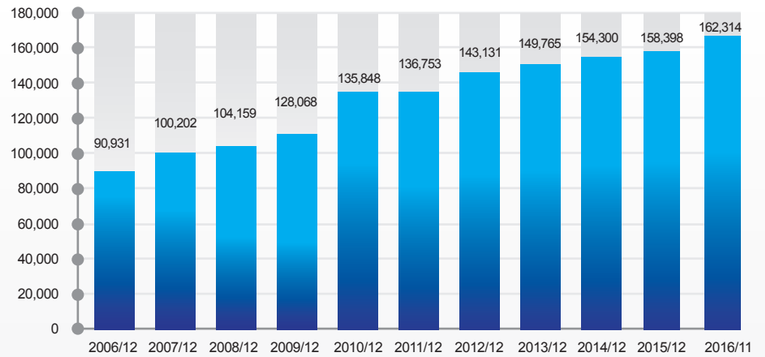

圖7：.tw WWW Server數統計 (單位:台)
Figure 7：Number of .tw WWW Servers

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10月公布之我國對外連線總頻寬達1,777,273Mbps。

The Taiwan Internet Connection Bandwidth Survey shows that the total International Internet connection bandwidth reached 1,777,273Mbps by the end of September 2015.

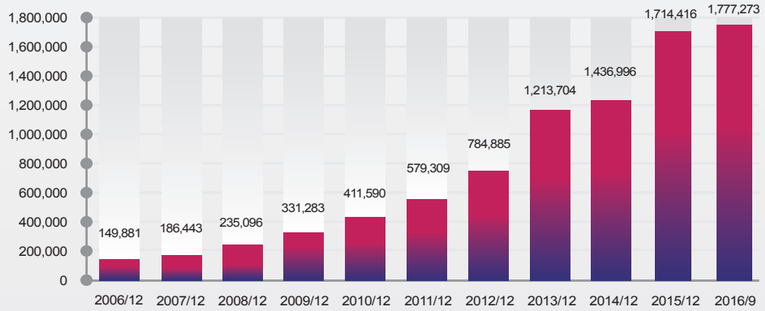

圖8：台灣對外連線總頻寬統計 (單位:Mbps)
Figure 8：International Internet Connection Bandwidth (Mbps)

國內各連線單位互連頻寬方面，於105年10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 September 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	480,300
2	速博NCIC	835,577	7	遠傳電信FETnet	403,433
3	中華電信HiNet	600,456	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	台灣網際網路交換中心TWIX	536,790	10	亞太交換中心EBIX	192,521

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 105年6月台灣寬頻網路使用調查結果顯示：上網有1,993萬人，上網比例為84.8%；12歲以上民眾曾經上網有1,881萬人，使用寬頻上網有1,873萬人，使用無線上網有1,641萬人，使用行動上網有1,448萬人。

The latest Broadband Internet Usage Survey shows that there are 19.93 million Internet users in Taiwan, representing 84.88% of the total population. The number of Internet users aged 12 years old and above is 18.81 million. Among them, there are 18.73 million broadband Internet users, 16.41 million wireless Internet users and 14.48 million mobile Internet users (See Figure 9 and Figure 10).

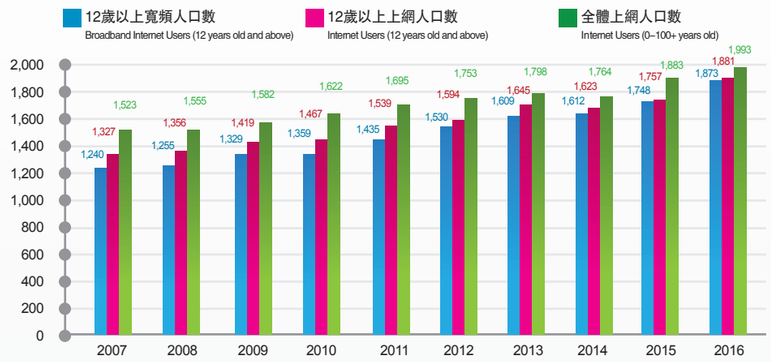

圖9：台灣上網人口統計 (單位:萬人)

Figure 9：Internet Users in Taiwan (Ten Thousands)

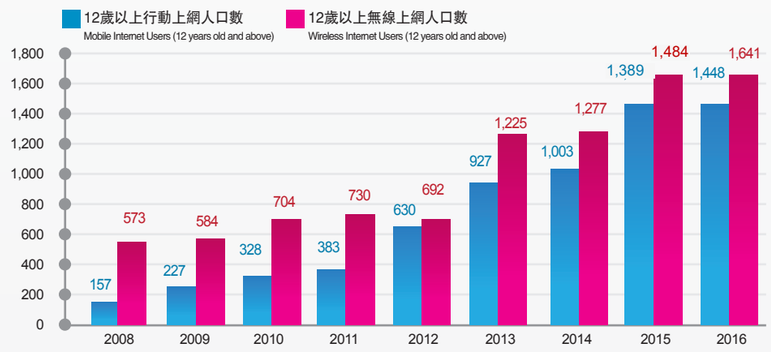

圖10：台灣12歲以上行動上網與無線上網人口統計 (單位:萬人)

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745萬戶;而寬頻上網之戶數共計740萬戶

In terms of households with Internet access, the total number is 7.45 million. Among them, 7.40million households have broadband Internet access (See Figure 11).

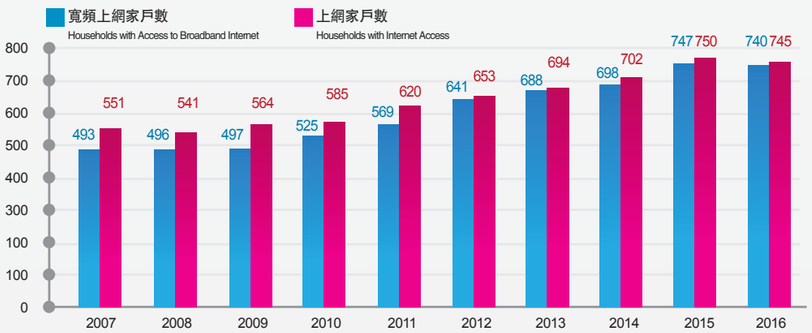

圖11：台灣上網家戶與寬頻上網家戶數統計 (單位:萬戶)

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

2016年台灣寬頻網路使用調查報告顯示，45歲以上民眾使用網路社群與使用即時通訊軟體的比例皆有增加。2015年，45歲以上網民有45.1%使用網路社群，50.7%使用即時通訊軟體。2016年，45歲以上的網民有64.4%使用網路社群，81.1%使用即時通訊軟體。另外，2015年，60歲以上的網民有40.8%使用網路社群，50.2%使用網路即時通訊軟體。2016年，60歲以上的網民有55.4%使用網路社群，76.7%使用網路即時通訊軟體。

The survey shows that both the social networks usage rate and instant message usage rate at 45 years old and beyond have increased from 2015 to 2016. In 2015, 45.1% of the internet users at 45 years old and beyond used social networks, and 50.7% of the internet users aforementioned used instant messages. In 2016, 60.4% of the internet users at 45 years old and beyond used social networks, and 81.1% of the internet users aforementioned use instant messages.

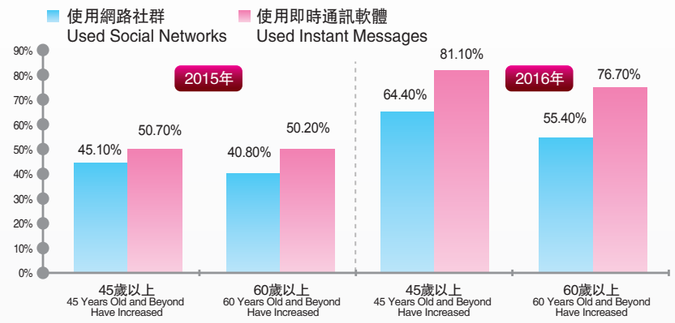

圖12：我國45歲以上民眾使用網路社群與使用即時通訊軟體 (單位:年齡、百分比)

Figure 12: Social Networks and Instant Message Users Aged 45 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10月)行動通信用戶數達2,898萬戶

Statistics from the National Communications Commission (NCC) show that by the end of Ocotober 2016 the number of mobile subscribers is 28.98 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.

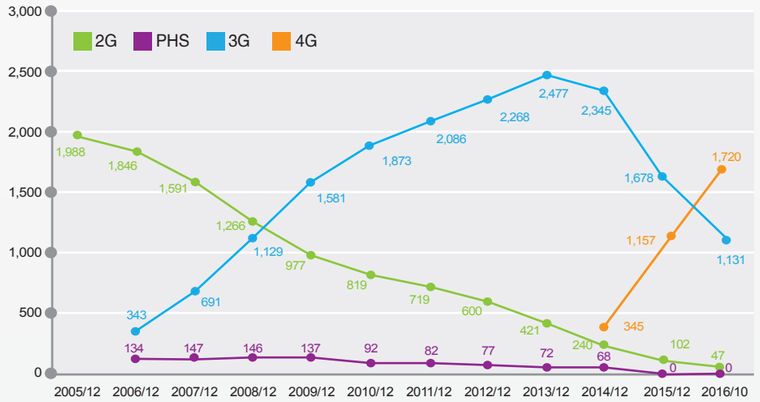

圖13：各類行動用戶數成長統計 (單位:萬戶)

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

TWNIC相關統計資料查詢 http://stat.twnic.net.tw
For more statistics from TWNIC, please refer to http://stat.twnic.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，協助民眾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
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