

Statistical Report of the Development of China Internet

(1999.1)

The statistics of China Internet is very helpful for the government or enterprises to realize the development of Chinese Internet and make administration policies concerned. That includes the number of Internet users and computers on Internet, the scatter of users and information flow, and the condition of domain name registration, etc. After deliberation and negotiation, the Ministry of Information Industry and CNNIC committee decided that it was CNNIC's obligation to associate with four main Chinese networks to implement this statistical work. CNNIC separately announced the 1st and the 2nd statistical report in November, 1997 and July, 1998. Many users, organizations and news media set a great store by the report and often inquire of CNNIC about the newest data. To make this work regularly and canonically, CNNIC decide to announce a statistical report each January and July.

Following the international convention, the statistical work adopts some methods including automatically seeking computers on Internet and online survey, etc. Before the online survey began, CNNIC solicited advice from some Internet experts, ISPs, and journalists of IT media about the survey. Following the advice, CNNIC improved the survey in some aspects. Nearly 30 domestic ISPs and ICPs support this survey by putting links on their own homepages. CNNIC received more than 22000 effective answers. Comparing with last two statistical works, the number of feedback has increased greatly. It also can enforce the accuracy of statistical results. The data of this statistics ended on Dec 31st, 1998.

Computers on Internet in China: 747,000 (including 117,000 computers directly on Internet, and 630,000 computers dial-up to Internet)

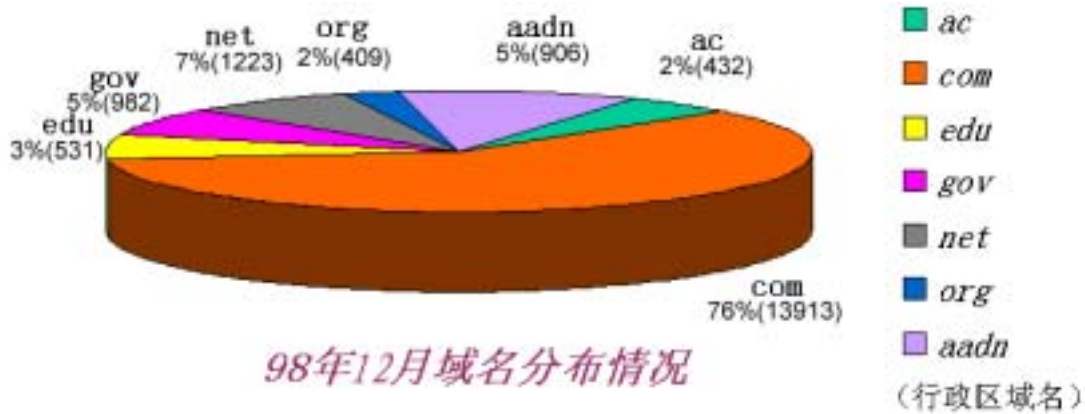
Chinese Internet Users: 2,100,000. Among them, 400,000 are direct line users, 1,490,000 are dial-up users and 210,000 users are using both.

Domain Names Registered in the Domain "CN":

	AC	COM	EDU	GOV	NET	ORG	AADN	Total
Number	432	13913	531	982	1223	409	906	18396

*AADN = Administration Area Domain Name

The scale of different kinds of domain names :



4. The Number of WWW in China: 5300(approximately)

5. Total Capacity of Bandwidth: 134M256K. China connects with these countries and areas: US, Canada, Britain, Germany, France, Japan, Hong Kong, etc. The scatter is as the following table:

	CSTNET	CHINANET	CERNET	CHINAGBN	Total
Bandwidth	4M	123M	8M	8M256K	143M256K

6. The Results of Questionnaires:

CNNIC settled online questionnaire on its homepage and got great support from some famous ISPs and ICPs. They made links for CNNIC questionnaire on their own homepage. The questionnaires were set from Dec. 11st to Dec. 31st, 1998. CNNIC received 23876 answers totally, 22177 are effective. The following statistics is the result of survey:

1). Sex Ratio of Users: Male, 86%; Female, 14%

2). Age of Users:

Under 15	16-20	21-25	26-30	31-35	36-40	41-50	Up 50
0.7%	9.4%	41.3%	27.1%	11.3%	4.9%	4%	1.3%

3). Marriage of Users: Single, 64%; Married, 36%

4). Geographical Scatter of Users:

Beijing	Shanghai	Tianjin	Chongqing	Hebei	Shanxi	Neimeng
23.93%	4.34%	1.68%	1.48%	1.65%	1.03%	0.39%
Liaoning	Jilin	Heilongjiang	Jiangsu	Zhejiang	Anhui	Fujian
3.64%	1.06%	2.09%	5.31%	4.63%	1.4%	3.07%
Jiangxi	Shandong	Henan	Hubei	Hunan	Guangdong	Guangxi
1.66%	3.65%	2.14%	3.28%	1.69%	20.93%	1.96%
Hainan	Sichuan	Guizhou	Yunnan	Xizang	Shanxi	Gansu
0.52%	3.54%	0.49%	0.44%	0.02%	2.4%	0.58%
Qinghai	Ningxia	Xinjiang				
0.1%	0.25%	0.65%				

5). Education Level of Users:

Technical Secondary School Or Below	2 Years College or Bachelor Degree	Master Degree	Doctor Degree
11%	77%	10%	2%

6). Vocation of Users:

Scientific Research	Education	Government Organizations &	Factories
6.4%	6.2%	8.1%	11.9%
Finance & Insurance	Social Service	Sanitation 、 Sports & Social Welfare	Computer
6%	3.6%	1.9%	17.4%
Post & Communication	Students	News Media	Entertainment & Arts
8.7%	16.4%	2.1%	0.5%
Others			
10.8%			

7). Average Personal Income of Users' family:

RMB ¥ 400 Or Below	RMB ¥ 400-1000	RMB ¥ 1000-2000	RMB ¥ 2000 Or More
5%	37%	33%	25%

8). Payment Resource of Users:

Office Payment	Personal Payment	Both
26%	45%	29%

9). Type of Users' Operating System:

Windows 95/98	Windows NT	LINUX	Unix	Others
92.3%	5.7%	0.9%	0.8%	0.3%

10). Type of Users' Browser:

IE	Netscape	Others
71%	28%	1%

11). Type of Users' Modem:

Slower than 14.4K	14.4K	28.8K	33.6K	56K
0.9%	5.4%	7.1%	62.2%	24.4%

12). Time of Users Spending on Internet per Week

Below 1 hour	1-5 hours	5-10 hours	More than 10 hours
4%	31%	29%	36%

13). Location of Users Access to Internet

Office	Home	Net-bar	Others
50%	44%	3%	3%

14). Motive of Users Access to Internet

Looking up Information:	95%
Using E-mail:	94%
Download Shareware or Free ware:	77%
Chat with others on Internet:	42%
Entertainment & Games:	35%
Using some new technique such as IP Phone and Internet Pager:	19%
E-business、 Internet Shopping:	15%

15). Information of Users Need:

Scientific Information:	76%
Economics & Politics News:	66%
Entertainment, Arts & Sports Information:	65%
Commercial Information:	51%
Education Information:	40%
Financial & Securities Information:	34%
Job Seeking Information:	30%
Advertisement Information:	24%

16). Approach of Users Knowing New Website:

Search Engine:	80%
Links on Other Websites:	76%
Introductions on Newspaper or Magazines:	74%
Introductions of Friends:	64%
Introductions of Radio or TV Programs:	23%
URL dictionary or other books:	27%

17). Most Attractive Points of Websites:

Valuable and Regularly Renewed Information:	83%
Useful Content in the Field of Users' Study or Work:	64%
Special or Creative Features Comparing with Others:	43%
Appealing Service such as Free E-mail or Securities Information:	41%
Delicate and Valuable for Reference Design:	26%

18). Factors of Choosing ISPs:

Price	Speed	Service	Reputation	Others
25%	44%	27%	3%	1%

19). Users' Evaluation to their ISPs:

Excellent	Satisfactory	Normal	Unsatisfactory	Bad
3%	28%	60%	7%	2%

20). Most Disappointing Points of Internet in Users' Opinion:

Speed is too low:	92%
Price is too high:	74%
Short of Chinese information:	49%
Require too much special knowledge and use inconveniently:	7%
No use of access to Internet:	4%
Poor service of ISP:	2%
Others:	4%

21). Users' Attitude to Internet Advertisement:

Often click it and get some useful information from ads:	7%
Occasionally click it when find some attractive things:	54%
Rarely click it, but not hate ads:	29%
Loathe ads because it will prolong the download time:	10%

22). Users' Attitude to Internet Shopping:

If the condition is mature, I wish to shop on Internet:	87%
Although the condition is mature, I will not shop on Internet:	13%
Internet shopping needs safety assurance of laws and techniques, but it is not consummate now:	65%
Worry the quality of products or service:	57%
Internet shopping is short of credible payment mode:	50%
Can buy some little goods such as books or cassettes, and would like to seek information of big goods and buy them in shop:	40%
Internet shopping is easy for customers to seek information and it is convenient for customers to compare and choose:	34%
Not matter any kind of products, I would like to buy in the shop:	7%

23). Users' Recommendation of Websites: (More than 150 tickets)

7641 <http://www.yahoo.com/>

6029 <http://www.netease.com/> (<http://www.nease.net/> , <http://www.163.com/>)

5289 <http://www.sohoo.com.cn/> (<http://www.sohu.com/>)

5019 <http://www.163.net/>

4883 <http://www.263.net/>

1914 gbchinese.yahoo.com

1469 <http://www.sina.com.cn/> (<http://www.srsnet.com/>)

1416 <http://www.online.sh.cn/>

1353 <http://www.microsoft.com/>

1287 <http://www.yeah.net/>

1102 <http://www.hotmail.com/>

1075 <http://www.cpcw.com/>

1059 <http://www.chinabyte.com/>

1002 <http://www.szonline.net/>

948 <http://www.188.net/>

877 <http://www.ihw.com.cn/>

792 <http://www.china.com/>

757 <http://www.cnnic.net.cn/>

722 <http://www.east.cn.net/> (<http://www.east.com.cn/> , <http://www.east.net.cn/.net>)

689 <http://www.cctv.com/>

680 <http://www.gznet.com/>

642 <http://www.szptt.net.cn/>

572 <http://www.bta.net.cn/>

524 <http://www.990.net/>

512 <http://www.cei.gov.cn/>

493 <http://www.peopledaily.com.cn/>

452 <http://www.zdnet.com.cn/>

394 <http://www.zhanjiang.gd.cn/>

382 <http://www.download.com.cn/>

360 <http://www.rol.cn.net/>

341 <http://www.tsinghua.edu.cn/>

334 <http://www.computerworld.com.cn/>

328 <http://www.126.com/>

320 <http://www.goyoyo.com/>

300 <http://www.hn.cninfo.net/>

301 <http://www.zj.cninfo.net/>

294 <http://www.stockstar.online.sh.cn/>

286 <http://www.nba.com/>

278 <http://www.169.net/>

273 <http://www.ibm.com/>

269 <http://www.sc.cninfo.net/>

255 <http://www.homeway.cn.net/>

245 <http://www.readchina.com/>

236 <http://www.tonghua.com.cn/>

228 www.asia1.com.sg/zaobao

227 <http://www.371.net/>

218 <http://www.ciw.com.cn/>

210 <http://www.netscape.com/>

202 <http://www.jlonline.com/>

202 <http://www.cnn.com/>

200 <http://www.infoseek.com/>

198 <http://www.chinaok.com/>

196 <http://www.zg169.net/>

185 <http://www.bol.com.cn/>

171 <http://www.wuhan.net.cn/>

169 <http://www.963.net/>

161 <http://www.intel.com/>

159 <http://www.paulgao.com.cn/>

157 <http://www.cfan.cn.net/>

156 <http://www.cyd.com.cn/>

150 <http://www.xaonline.com/>