

## The Brief Statistics of Communications-2012

### 一、Radio and Television Broadcast

#### (一) Terrestrial Broadcasting

Enterprise Classification	Radio Enterprises	Television Enterprises
Year - Quarter	No. of Operators	No. of Operators
2012-Q1	171	5
2012-Q2	171	5
2012-Q3	171	5
2012-Q4	171	5

#### (二) Satellite Broadcasting

Year - Quarter	Direct Satellite Broadcasting Service Operators	Satellite Broadcasting Program Suppliers
2012-Q1	8	103
2012-Q2	8	103
2012-Q3	8	102
2012-Q4	8	103

#### (三) Cable Radio and Television

Cable Radio and Television Industry							
Year - Quarter	No. of Operators		Cable TV		Digital Set-top Box		Digital Pay TV
	Cable TV Program Transmission System	Cable TV System	No. of Subscribers	Subscribers Per 100 Households (%)	No. of Subscribers	As % of Cable TV Subscribers	No. of Subscribers
2012-Q1	3	59	5,041,259	62.38	644,097	12.78	476,363
2012-Q2	3	59	5,017,881	61.84	749,357	14.93	530,499
2012-Q3	3	59	4,995,568	61.16	907,258	18.16	539,149
2012-Q4	3	59	4,989,155	60.94	1,049,321	21.03	585,655

#### (四) Satellite Broadcasting Program Supply Industry

Year - Quarter	Satellite Broadcasting Program Suppliers		No. of Channels	
	Domestic	Foreign	Domestic	Foreign
2012-Q1	81	30	154	108
2012-Q2	78	32	154	120
2012-Q3	79	31	156	124
2012-Q4	80	29	157	112

#### (五) Multimedia Content Transporting Platform Service

Year - Quarter	No. of Operators	No. of Channels	No. of Subscribers
2012-Q1	2	181	1,098,959
2012-Q2	2	187	1,141,853
2012-Q3	2	204	1,181,759
2012-Q4	2	209	1,205,760

(六) Accumulative Table of Penalty and Fine concerning Broadcasting Contents (Jan- Dec 2012)

Illegal facts	Total		over-the -air radio		over-the -air television		Satellite Broadcasting		Cable Radio and TV	
	Cases	Amount (1000 NT\$)	Cases	Amount (1000 NT\$)	Cases	Amount (1000 NT\$)	Cases	Amount (1000 NT\$)	Cases	Amount (1000 NT\$)
<b>Total</b>	233	31,243	111	2,337	20	2,244	102	26,662	0	0
Impair the physical or mental health of children or juveniles	29	5,756	9	81	1	75	19	5,600	0	0
Disrupt public order or adversely affect good social customs	4	524	2	24	0	0	2	500	0	0
Violate program rating regulations	10	900	0	0	4	0	6	900	0	0
Program doesn't maintain its completeness and be distinguishable from advertisements	104	16,024	63	429	6	1,695	35	13,900	0	0
Break captions usage regulations	1	0	0	0	0	0	1	0	0	0
Violate the Sexual Assault Crime Prevention Law	4	600	0	0	1	180	3	420	0	0
Advertisement broadcast by a station exceed its total broadcast time	25	762	20	462	0	0	5	300	0	0
Violate compulsory or prohibitive regulations under the law	12	1,471	0	0	3	129	9	1,342	0	0
Others	44	5,206	17	1,341	5	165	22	3,700	0	0

## 二、Telecommunications

### (一)Fixed Network Telecommunication

Year-Quarter	No. of Operators	Local network				Long-distance Network	
		Operating Revenue (1000 NT\$)	No. of Subscribers	Outgoing Minutes	No. of Fixed Lines	Operating Revenue (1000 NT\$)	Outgoing Minutes
2012-Q1	4	17,690,590	12,580,984	3,310,964,374	19,122,721	1,607,568	1,043,417,802
2012-Q2	4	18,035,520	12,523,402	3,429,608,098	19,017,621	1,572,922	1,138,143,807
2012-Q3	4	18,244,665	12,461,580	3,387,524,391	19,021,219	1,585,121	1,147,698,254
2012-Q4	4	17,813,937	12,411,410	3,203,154,134	18,928,420	1,538,039	1,051,886,453

### Fixed Network Telecommunication (Cont.)

Year-Quarter	International Network				ISDN Subscribers	No. of ADSL Lines	No. of Public Telephone Set
	Operating Revenue (1000 NT\$)	Outgoing Minutes	Outgoing Calls	Incoming Minutes			
2012-Q1	6,267,966	1,256,646,328	274,519,971	1,146,140,846	123,244	4,288,442	81,185
2012-Q2	6,504,145	1,253,827,010	280,427,934	1,123,038,190	121,731	4,183,202	79,928
2012-Q3	6,571,478	1,278,157,509	284,953,820	1,173,379,892	119,609	4,085,718	78,977
2012-Q4	6,072,323	1,152,835,225	249,788,027	1,006,835,521	118,102	3,996,502	78,107

### (二)Mobile Network Telecommunication

Year-Quarter	2G				No. of PHS Subscribers	No. of Radio Paging Subscribers
	No. of Company	Operating Revenue (1000 NT\$)	No. of Subscribers	Outgoing Minutes		
2012-Q1	3	9,663,914	6,847,905	1,644,253,462	796,829	826,060
2012-Q2	3	8,629,751	6,588,669	1,611,881,828	771,861	820,609
2012-Q3	3	8,234,012	6,324,756	1,520,628,384	771,009	583,789
2012-Q4	3	5,634,886	5,998,583	1,376,592,206	773,533	574,660

### Mobile Network Telecommunication (Cont.)

Year-Quarter	3G				WBA		
	No. of Company	Operating Revenue (1000 NT\$)	No. of Subscribers	Outgoing Minutes	No. of Company	Operating Revenue (1000 NT\$)	No. of Subscribers
2012-Q1	5	46,023,070	21,332,343	9,375,880,493	6	83,457	135,400
2012-Q2	5	47,505,460	21,770,323	9,455,174,626	6	74,853	135,605
2012-Q3	5	48,988,158	22,268,802	9,332,937,087	6	70,348	135,643
2012-Q4	5	49,457,074	22,676,549	8,903,173,546	6	70,510	137,009

(三)(Fixed) Broadband Internet Subscribers (Jan-Dec 2012)

Access Type	01/2012	01/2011	Change Rate(%)	02/2012	02/2011	Change Rate(%)	03/2012	03/2011	Change Rate(%)
ADSL	2,101,257	2,342,438	-10.3%	2,043,697	2,331,191	-12.3%	2,005,275	2,316,204	-13.4%
FTTx	2,340,230	1,988,718	17.7%	2,392,700	2,006,530	19.2%	2,436,425	2,037,404	19.6%
Cable Modem	1,019,119	939,219	8.5%	1,022,835	945,657	8.2%	1,027,724	952,142	7.9%
Leased Line	23,870	19,024	25.5%	25,855	20,859	24.0%	25,668	22,053	16.4%
PWLAN	54,158	46,412	16.7%	328,504	49,881	558.6%	339,079	52,097	550.9%
Total	5,538,634	5,335,811	3.8%	5,813,591	5,354,118	8.6%	5,834,171	5,379,900	8.4%
Access Type	04/2012	04/2011	Change Rate(%)	05/2012	05/2011	Change Rate(%)	06/2012	06/2011	Change Rate(%)
ADSL	1,983,067	2,301,111	-13.8%	1,958,261	2,268,606	-13.7%	1,943,151	2,226,046	-12.7%
FTTx	2,467,538	2,056,045	20.0%	2,491,030	2,081,579	19.7%	2,515,143	2,105,204	19.5%
Cable Modem	1,032,942	960,686	7.5%	1,040,395	968,698	7.4%	1,047,974	977,224	7.2%
Leased Line	26,487	21,340	24.1%	26,533	21,254	24.8%	27,577	21,661	27.3%
PWLAN	351,423	52,428	570.3%	451,787	53,093	750.9%	532,863	53,982	887.1%
Total	5,861,457	5,391,610	8.7%	5,968,006	5,393,230	10.7%	6,066,708	5,384,117	12.7%
Access Type	07/2012	07/2011	Change Rate(%)	08/2012	08/2011	Change Rate(%)	09/2012	09/2011	Change Rate(%)
ADSL	1,919,954	2,197,776	-12.6%	1,901,281	2,168,222	-12.3%	1,879,835	2,168,804	-13.3%

FTTx	2,536,506	2,146,301	18.2%	2,560,094	2,187,098	17.1%	2,580,528	2,220,287	16.2%
Cable Modem	1,054,934	987,348	6.8%	1,059,973	988,126	7.3%	1,065,926	999,668	6.6%
Leased Line	27,885	22,318	24.9%	27,497	22,195	23.9%	27,479	22,733	20.9%
PWLAN	620,038	54,786	1031.7%	688,186	55,649	1136.7%	746,542	54,221	1276.9%
Total	6,159,317	5,408,529	13.9%	6,237,031	5,421,290	15.0%	6,300,310	5,465,713	15.3%
Access Type	10/2012	10/2011	Change Rate(%)	11/2012	11/2011	Change Rate(%)	12/2012	12/2011	Change Rate(%)
ADSL	1,860,045	2,126,576	-12.5%	1,838,928	2,124,003	-13.4%	1,820,462	2,124,588	-14.3%
FTTx	2,603,002	2,252,259	15.6%	2,622,287	2,277,755	15.1%	2,633,495	2,302,158	14.4%
Cable Modem	1,070,038	1,005,839	6.4%	1,075,394	1,006,930	6.8%	1,081,623	1,013,796	6.7%
Leased Line	27,795	23,256	19.5%	28,778	24,030	19.8%	26,131	23,540	11.0%
PWLAN	795,735	54,585	1357.8%	838,341	52,066	1510.2%	887,108	51,846	1611.0%
Total	6,356,615	5,462,515	16.4%	6,403,728	5,484,784	16.8%	6,448,819	5,515,928	16.9%

(四) Type I Telecommunications Service ( Jan- Dec 2012 )

01/2012					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone	12,632,172		54.38%	
Mobile Network	3G	Data-enable	17,797,307	21,025,662	90.5%
		Others	3,228,355		
	2G	WAP	3,111	7,068,827	30.4%
		GPRS	1,922,585		
		Others	5,143,131		
		Radio Paging	826,793		3.6%
	PHS	809,394		3.5%	
Total number of mobile SMS sent ( 2G,3G,PHS included ) : 775,354 ( 000s )					
02/2012					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone	12,600,937		54.23%	

Mobile Network	3G	Data-enable	14,533,248	21,183,508	91.2%
		Others	6,650,260		
	2G	WAP	3,058	6,949,230	29.9%
		GPRS	1,689,977		
		Others	5,256,195		
	Radio Paging			826,079	3.6%
PHS			803,429	3.5%	
Total number of mobile SMS sent ( 2G,3G,PHS included ) : 739,151 ( 000s )					
03/2012					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone		12,580,984		54.14%
Mobile Network	3G	Data-enable	14,571,401	21,332,343	91.8%
		Others	6,760,942		
	2G	WAP	3,030	6,847,905	29.5%
		GPRS	1,441,523		
		Others	5,403,352		
	Radio Paging			826,060	3.6%
PHS			796,829	3.4%	
Total number of mobile SMS sent ( 2G,3G,PHS included ) : 708,316 ( 000s )					
04/2012					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone		12,558,143		54.03%
Mobile Network	3G	Data-enable	14,565,381	21,452,867	92.3%
		Others	6,887,486		
	2G	WAP	2,967	6,776,663	29.1%
		GPRS	1,220,752		
		Others	5,542,944		
	Radio Paging			825,971	3.6%
PHS			786,476	3.4%	
Total number of mobile SMS sent ( 2G,3G,PHS included ) : 716,827 ( 000s )					
05/2012					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone		12,538,056		53.92%
Mobile Network	3G	Data-enable	14,601,730	21,604,570	92.9%
		Others	7,002,840		
	2G	WAP	2,893	6,673,932	28.7%

	GPRS	1,151,449	
	Others	5,519,590	
	Radio Paging	820,609	3.5%
	PHS	779,661	3.4%

Total number of mobile SMS sent ( 2G,3G,PHS included ) : 713,010 ( 000s )

06/2012

Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone	12,523,402		53.84%	
Mobile Network	3G	Data-enable	14,989,976	21,770,323	93.6%
		Others	6,780,347		
	2G	WAP	2,911	6,588,669	28.3%
		GPRS	1,119,765		
		Others	5,465,993		
		Radio Paging	815,280		3.5%
	PHS	771,861		3.3%	

Total number of mobile SMS sent ( 2G,3G,PHS included ) : 702,832 ( 000s )

07/2012

Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone	12,501,609		53.73%	
Mobile Network	3G	Data-enable	15,039,696	21,947,160	94.3%
		Others	6,907,464		
	2G	WAP	2,867	6,497,285	27.9%
		GPRS	1,083,738		
		Others	5,410,680		
		Radio Paging	806,032		3.5%
	PHS	763,619		3.3%	

Total number of mobile SMS sent ( 2G,3G,PHS included ) : 682,474 ( 000s )

08/2012

Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone	12,481,246		53.62%	
Mobile Network	3G	Data-enable	15,105,792	22,132,278	95.1%
		Others	7,026,486		
	2G	WAP	2,811	6,404,031	27.5%
		GPRS	1,052,255		
		Others	5,348,965		
	Radio Paging	588,108		2.5%	

	PHS		767,671		3.3%
Total number of mobile SMS sent ( 2G,3G,PHS included ) : 688,516 ( 000s )					
09/2012					
Type of Service		No. of Subscribers		Subscribers per 100	
		Sub-total	Total	Population (%)	
Fixed Network	Local telephone	12,461,580		53.5%	
Mobile Network	3G	Data-enable	15,110,330	22,268,802	95.6%
		Others	7,158,472		
	2G	WAP	2,802	6,324,756	27.2%
		GPRS	1,019,242		
		Others	5,302,712		
		Radio Paging	583,789		2.5%
	PHS	771,009		3.3%	
Total number of mobile SMS sent ( 2G,3G,PHS included ) : 719,959 ( 000s )					
10/2012					
Type of Service		No. of Subscribers		Subscribers per 100	
		Sub-total	Total	Population (%)	
Fixed Network	Local telephone	12,446,964		53.4%	
Mobile Network	3G	Data-enable	15,138,695	22,396,600	96.1%
		Others	7,257,905		
	2G	WAP	2,769	6,227,580	26.7%
		GPRS	991,052		
		Others	5,233,759		
		Radio Paging	581,530		2.5%
	PHS	771,681		3.3%	
Total number of mobile SMS sent ( 2G,3G,PHS included ) : 699,358 ( 000s )					
11/2012					
Type of Service		No. of Subscribers		Subscribers per 100	
		Sub-total	Total	Population (%)	
Fixed Network	Local telephone	12,430,311		53.3%	
Mobile Network	3G	Data-enable	15,167,368	22,522,030	96.6%
		Others	7,354,662		
	2G	WAP	2,725	6,129,092	26.3%
		GPRS	962,458		
		Others	5,163,909		
		Radio Paging	579,052		2.5%
	PHS	773,664		3.3%	
Total number of mobile SMS sent ( 2G,3G,PHS included ) : 696,434 ( 000s )					
12/2012					



Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone	12,411,410		53.2%	
Mobile Network	3G	Data-enable	15,237,885	22,676,549	97.3%
		Others	7,438,664		
	2G	WAP	2,696	5,998,583	25.7%
		GPRS	935,477		
		Others	5,060,410		
		Radio Paging	574,660		2.5%
	PHS	773,533		3.3%	
Total number of mobile SMS sent ( 2G,3G,PHS included ) : 698,725 ( 000s )					

Note : 1. WAP : Wireless Application Protocol  
2. GPRS : General Packet Radio Service

(五) The Latest Numbers of Shared Stations and Co-constructed Stations of Mobile Telecommunications

Year-Quarter	2G		3G	
	The numbers of shared stations	The numbers of co-constructed stations	The numbers of shared stations	The numbers of co-constructed stations
2012-Q1	6,364	1,824	14,874	2,748
2012-Q2	6,307	1,987	14,590	2,895
2012-Q3	6,929	2,060	15,345	2,965
2012-Q4	6,291	2,128	14,068	2,982

(六) Accumulative Table of Enforcement Performance of Telecom police Unit ( Jan-Dec 2012 )

Illegal Telecom Laws Case				
Case Classification	No. of case	No. of Set	No. of Person	No. of Station
Total	89	55	177	22
Help to crack down on illegal radio stations	23		58	22
Solve fraud application of mobile phone number case	60		112	
Solve unauthorized access or use of another person's telecom facilities case	5		7	
Help to crack down on illegal radio-frequency devices	1	55		

(七) Spam mails blocked for the month of Jan-Dec 2012

	Jan. 12'	Month on Month Change	Feb. 12'	Month on Month Change	Mar. 12'	Month on Month Change
Incoming E-Mails	3,382,232,809	0.02%	2,997,116,368	-11.4%	2,836,127,019	-5.7%

(IAPs*)						
Blocked E-Mails (IAPs*)	3,115,321,888	1.4%	2,746,926,896	-11.8%	2,606,573,008	-5.4%
Spam reports filed by IAP Users	89,973	-20.3%	108,555	-10.2%	141,940	23.5%
	Apr. 12'	Month on Month Change	May. 12'	Month on Month Change	Jun. 12'	Month on Month Change
Incoming E-Mails (IAPs*)	2,827,772,120	-0.3%	3,247,607,596	14.8%	2,648,500,535	-18.4%
Blocked E-Mails (IAPs*)	2,583,622,881	-0.9%	2,980,032,053	15.3%	2,412,544,752	-19%
Spam reports filed by IAP Users	108,714	-23.4%	116,411	7.1%	82,306	-29.3%
	Jul. 12'	Month on Month Change	Aug. 12'	Month on Month Change	Sep. 12'	Month on Month Change
Incoming E-Mails (IAPs*)	2,502,999,973	-5.5%	2,486,302,549	-0.7%	2,325,058,300	-6.5%
Blocked E-Mails (IAPs*)	2,262,518,776	-6.2%	2,237,908,470	-1.1%	2,088,578,371	-6.7%
Spam reports filed by IAP Users	106,253	29.1%	116,254	9.41%	103,234	-11.2%
	Oct. 12'	Month on Month Change	Nov. 12'	Month on Month Change	Dec. 12'	Month on Month Change
Incoming E-Mails (IAPs*)	2,380,538,518	2.4%	2,998,831,092	26.0%	2,902,239,963	-3.2%
Blocked E-Mails (IAPs*)	2,130,515,617	2.0%	2,622,009,928	23.1%	2,517,843,186	-4.0%
Spam reports filed by IAP Users	135,259	31.0%	153,544	13.5%	123,752	-19.4%

\*Note: Top 20 main IAPs in Taiwan