

The Brief Statistics of Communications-2011

一、Radio and Television Broadcast

(一) Terrestrial Broadcasting

Enterprise Classification	Radio Enterprises	Television Enterprises
Year - Quarter	No. of Operators	No. of Operators
2011-Q1	171	5
2011-Q2	171	5
2011-Q3	171	5
2011-Q4	171	5

(二) Satellite Broadcasting

Year - Quarter	Direct Satellite Broadcasting Service Operators	Satellite Broadcasting Program Suppliers
2011-Q1	9	104
2011-Q2	9	107
2011-Q3	9	107
2011-Q4	8	108

(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
2011-Q1	3	59	5,097,879	64.05	427,910	8.39	309,935
2011-Q2	3	59	5,108,363	63.89	463,990	9.08	344,609
2011-Q3	3	59	5,087,066	63.26	480,518	9.45	385,319
2011-Q4	3	59	5,061,737	62.82	570,727	11.28	428,448

(四) Satellite Broadcasting Program Supply Industry

	Satellite Broadcasting Program Suppliers		No. of Channels	
Year - Quarter	Domestic	Foreign	Domestic	Foreign
2011-Q1	82	30	167	102
2011-Q2	83	32	168	113
2011-Q3	83	32	169	113
2011-Q4	80	29	158	105

(五) Multimedia Content Transporting Platform Service

Year - Quarter	No. of Operators	No. of Channels	No. of Subscribers
2011-Q1	2	161	839,063
2011-Q2	2	167	890,854
2011-Q3	2	181	967,312
2011-Q4	2	181	1,064,138

(六)Accumulative Table of Penalty and Fine concerning Broadcasting Contents (Jan-Dec 2011)

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\$)
Total	299	63,385	113	4,860	24	5,805	162	52,720	0	0
Impair the physical or mental health of children or juveniles	7	2,490	3	1,290	0	0	4	1,200	0	0
Disrupt public order or adversely affect good social customs	6	460	4	60	0	0	2	400	0	0
Violate program rating regulations	11	4,620	0	0	3	1,620	8	3,000	0	0
Program doesn't maintain its completeness and be distinguishable from advertisements	116	32,270	51	810	6	2,460	59	29,000	0	0
Break captions usage regulations	0	0	0	0	0	0	0	0	0	0
Violate the Sexual Assault Crime Prevention Law	4	240	0	0	2	120	2	120	0	0
Advertisement broadcast by a station exceed its total broadcast time	43	11,391	15	261	4	930	24	10,200	0	0
Violate compulsory or prohibitive regulations under the law	2	400	0	0	0	0	2	400	0	0
Others	110	11,514	40	2,439	9	675	61	8,400	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
2011-Q1	4	16,990,885	12,854,005	3,589,184,504	19,123,106	2,494,378	1,058,922,048
2011-Q2	4	17,822,295	12,851,512	3,687,970,010	19,058,431	2,502,185	1,087,077,774
2011-Q3	4	18,435,259	12,834,971	3,712,209,745	19,123,931	2,110,787	1,112,854,482
2011-Q4	4	18,206,315	12,678,743	3,485,235,294	19,118,031	2,021,409	1,063,204,653

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			
2011-Q1	5,895,139	1,170,760,867	263,349,305	1,104,638,108	111,099	4,715,392	86,852
2011-Q2	6,056,878	1,133,053,584	267,101,402	1,019,066,413	116,358	4,589,282	85,799
2011-Q3	6,247,914	1,169,883,503	264,260,640	1,091,196,237	118,077	4,669,886	83,434
2011-Q4	6,490,649	1,193,016,050	270,473,220	1,124,218,544	123,321	4,329,946	82,345

(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		
2011-Q1	3	12,167,369	7,911,499	1,590,277,763	868,948	1,065,083
2011-Q2	3	10,904,925	7,690,170	1,659,565,051	855,599	1,059,279
2011-Q3	3	10,505,755	7,427,315	1,684,961,443	833,227	1,038,749
2011-Q4	3	10,494,538	7,184,673	1,583,182,602	816,758	912,125

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
2011 -Q1	5	40,765,279	19,349,563	8,570,966,632	6	48,643	58,317
2011 -Q2	5	41,833,910	19,746,188	8,798,767,731	6	38,174	71,526
2011 -Q3	5	44,212,299	20,346,684	9,080,218,943	6	61,240	128,748
2011 -Q4	5	44,679,563	20,860,331	9,038,166,086	6	78,436	133,067

(三)(Fixed) Broadband Internet Subscribers (Jan-Dec 2011)

Access Type	01/2011	01/2010	Change Rate(%)	02/2011	02/2010	Change Rate(%)	03/2011	03/2010	Change Rate(%)
ADSL	2,342,438	2,549,349	-8.1 %	2,331,191	2,536,960	-8.1 %	2,316,204	2,467,501	-6.1 %
FTTx	1,988,718	1,559,676	27.5 %	2,006,530	1,584,559	26.6 %	2,037,404	1,620,864	25.7 %
Cable Modem	939,219	821,787	14.3 %	945,657	831,451	13.7 %	952,142	843,408	12.9 %
Leased Line	19,024	17,921	6.2 %	20,859	17,778	17.3 %	22,053	19,009	16.0 %
PWLAN	46,412	54,906	-15.5 %	49,881	54,553	-8.6 %	52,097	56,310	-7.5 %
Total	5,335,811	5,003,639	6.6 %	5,354,118	5,025,301	6.5 %	5,379,900	5,007,092	7.4%
Access Type	04/2011	04/2010	Change Rate(%)	05/2011	05/2010	Change Rate(%)	06/2011	06/2010	Change Rate(%)
ADSL	2,301,111	2,461,351	-6.5 %	2,268,606	2,436,237	-6.9 %	2,226,046	2,386,976	-6.7 %
FTTx	2,056,045	1,655,335	24.2 %	2,081,579	1,688,541	23.3 %	2,105,204	1,719,475	22.4 %
Cable Modem	960,686	852,871	12.6 %	968,698	863,372	12.2 %	977,224	874,813	11.7 %
Leased Line	21,340	20,157	5.9 %	21,254	19,007	11.8 %	21,661	19,266	12.4 %
PWLAN	52,428	57,530	-8.9 %	53,093	58,459	-9.2 %	53,982	47,874	12.8 %
Total	5,391,610	5,047,244	6.8 %	5,393,230	5,065,616	6.5 %	5,384,117	5,048,404	6.6%
Access Type	07/2011	07/2010	Change Rate(%)	08/2011	08/2010	Change Rate(%)	09/2011	09/2010	Change Rate(%)
ADSL	2,197,776	2,359,075	-6.8 %	2,168,222	2,335,212	-7.2 %	2,168,804	2,345,997	-7.6 %

FTTx	2,146,301	1,752,984	22.4%	2,187,098	1,783,065	22.7%	2,220,287	1,811,392	22.6%
Cable Modem	987,348	887,679	11.2%	988,126	897,502	10.1%	999,668	905,830	10.4%
Leased Line	22,318	19,482	14.6%	22,195	19,371	14.6%	22,733	19,891	14.3%
PWLAN	54,786	49,533	10.6%	55,649	49,073	13.4%	54,221	47,142	15.0%
Total	5,408,529	5,068,753	6.7%	5,421,290	5,084,223	6.6%	5,465,713	5,130,252	6.5%
Access Type	10/2011	10/2010	Change Rate(%)	11/2011	11/2010	Change Rate(%)	12/2011	12/2010	Change Rate(%)
ADSL	2,126,576	2,411,942	-11.8%	2,124,003	2,395,257	-11.3%	2,124,588	2,360,485	-10.0%
FTTx	2,252,259	1,909,185	18.0%	2,277,755	1,931,383	17.9%	2,302,158	1,957,840	17.6%
Cable Modem	1,005,839	912,581	10.2%	1,006,930	920,392	9.4%	1,013,796	927,637	9.3%
Leased Line	23,256	17,822	30.5%	24,030	18,867	27.4%	23,540	19,064	23.5%
PWLAN	54,585	46,938	16.3%	52,066	46,094	13.0%	51,846	46,573	11.3%
Total	5,462,515	5,298,468	3.1%	5,484,784	5,311,993	3.3%	5,515,928	5,311,599	3.8%

(四) Type I Telecommunications Service (Jan-Dec 2011)

01/2011					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone		12,830,011		55.4%
Mobile Network	3G	Data-enable	16,662,445	18,944,655	81.8%
		Others	2,282,210		
	2G	WAP	3,641	8,091,123	34.9%
		GPRS	2,118,780		
		Others	5,968,702		
		Radio Paging	1,096,016		
	PHS	880,991	3.8%		
Total number of mobile SMS sent (2G,3G,PHS included) : 622,277 (000s)					
02/2011					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone		12,854,622		55.5%

Mobile Network	3G	Data-enable	16,801,483	19,134,207	82.6%
		Others	2,332,724		
	2G	WAP	3,615	7,998,236	34.5%
		GPRS	2,090,410		
		Others	5,904,211		
	Radio Paging		1,058,782		4.6%
	PHS		875,218		3.8%
Total number of mobile SMS sent (2G,3G,PHS included) : 620,274 (000s)					
03/2011					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone		12,854,005		55.5%
Mobile Network	3G	Data-enable	16,963,547	19,349,563	83.5%
		Others	2,386,016		
	2G	WAP	3,580	7,911,499	34.2%
		GPRS	2,046,059		
		Others	5,861,860		
	Radio Paging		1,065,083		4.6%
	PHS		868,948		3.8%
Total number of mobile SMS sent (2G,3G,PHS included) : 678,870 (000s)					
04/2011					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone		12,854,246		55.5%
Mobile Network	3G	Data-enable	17,067,147	19,515,652	84.2%
		Others	2,448,505		
	2G	WAP	3,536	7,843,287	33.9%
		GPRS	2,022,558		
		Others	5,817,193		
	Radio Paging		1,064,374		4.6%
	PHS		864,791		3.7%
Total number of mobile SMS sent (2G,3G,PHS included) : 652,951 (000s)					
05/2011					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone		12,855,470		55.5%
Mobile Network	3G	Data-enable	17,058,096	19,565,024	84.40%
		Others	2,506,928		
	2G	WAP	3,486	7,767,050	33.50%

		GPRS	1,989,707		
		Others	5,773,857		
		Radio Paging	1,059,775		4.60%
		PHS	858,524		3.70%
Total number of mobile SMS sent (2G,3G,PHS included) : 673,043 (000s)					
06/2011					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone		12,851,512		55.4%
Mobile Network	3G	Data-enable	17,167,807	19,746,188	85.20%
		Others	2,578,381		
	2G	WAP	3,433	7,690,170	33.20%
		GPRS	2,006,362		
		Others	5,680,375		
		Radio Paging	1,059,279		
	PHS	855,599	3.70%		
Total number of mobile SMS sent (2G,3G,PHS included) : 663,386 (000s)					
07/2011					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone		12,846,327		55.40%
Mobile Network	3G	Data-enable	17,282,023	19,939,328	86.0%
		Others	2,657,305		
	2G	WAP	3,395	7,609,417	32.8%
		GPRS	2,012,023		
		Others	5,593,999		
		Radio Paging	1,058,765		
	PHS	850,603	3.7%		
Total number of mobile SMS sent (2G,3G,PHS included) : 639,496 (000s)					
08/2011					
Type of Service		No. of Subscribers		Subscribers per 100 Population (%)	
		Sub-total	Total		
Fixed Network	Local telephone		12,840,419		55.36%
Mobile Network	3G	Data-enable	17,400,411	20,151,321	86.9%
		Others	2,750,910		
	2G	WAP	3,304	7,510,831	32.4%
		GPRS	2,014,575		
		Others	5,492,952		
		Radio Paging	1,038,875		

	PHS		841,452		3.6%
Total number of mobile SMS sent (2G,3G,PHS included) : 673,327 (000s)					
09/2011					
Type of Service		No. of Subscribers		Subscribers per 100	
		Sub-total	Total	Population (%)	
Fixed Network	Local telephone		12,834,971		55.33%
Mobile Network	3G	Data-enable	17,498,553	20,346,684	87.7%
		Others	2,848,131		
	2G	WAP	3,280	7,427,315	32.0%
		GPRS	2,022,738		
		Others	5,401,297		
		Radio Paging	1,038,749		
	PHS		833,227		3.6%
Total number of mobile SMS sent (2G,3G,PHS included) : 694,444 (000s)					
10/2011					
Type of Service		No. of Subscribers		Subscribers per 100	
		Sub-total	Total	Population (%)	
Fixed Network	Local telephone		12,786,345		55.10%
Mobile Network	3G	Data-enable	17,483,640	20,501,615	88.3%
		Others	3,017,975		
	2G	WAP	3,269	7,343,012	31.6%
		GPRS	2,017,898		
		Others	5,321,845		
		Radio Paging	939,153		
	PHS		827,292		3.6%
Total number of mobile SMS sent (2G,3G,PHS included) : 713,574 (000s)					
11/2011					
Type of Service		No. of Subscribers		Subscribers per 100	
		Sub-total	Total	Population (%)	
Fixed Network	Local telephone		12,728,642		54.83%
Mobile Network	3G	Data-enable	17,629,087	20,666,601	89.0%
		Others	3,037,514		
	2G	WAP	3,252	7,264,171	31.3%
		GPRS	2,042,379		
		Others	5,218,540		
		Radio Paging	912,200		
	PHS		822,177		3.5%
Total number of mobile SMS sent (2G,3G,PHS included) : 716,616 (000s)					
12/2011					

Type of Service			No. of Subscribers		Subscribers per 100 Population (%)
			Sub-total	Total	
Fixed Network	Local telephone		12,678,743		54.59%
Mobile Network	3G	Data-enable	17,732,270	20,860,331	89.8%
		Others	3,128,061		
	2G	WAP	3,212	7,184,673	30.9%
		GPRS	1,979,692		
		Others	5,201,769		
		Radio Paging	912,125		
	PHS		816,758	3.5%	
Total number of mobile SMS sent (2G,3G,PHS included) : 750,259 (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
2011-Q1	6,310	1,620	15,408	2,603
2011-Q2	6,387	1,684	15,544	2,721
2011-Q3	6,121	1,547	13,832	2,466
2011-Q4	6,234	1,758	14,305	2,605

(六)Accumulative Table of Enforcement Performance of Telecom police Unit (Jan-Dec 2011)

Illegal Telecom Laws Case				
Case Classification	No. of case	No. of Set	No. of Person	No. of Station
Total	115	82	253	31
Help to crack down on illegal radio stations	31		81	31
Solve fraud application of mobile phone number case	74		161	
Solve unauthorized access or use of another person's telecom facilities case	10		11	
Help to crack down on illegal radio-frequency devices		82		

(七)Spam mails blocked for the month of Jan-Dec 2011

	Jan. 11'	Month on Month Change	Feb. 11'	Month on Month Change	Mar. 11'	Month on Month Change
Incoming E-Mails	5,433,401,342	-10%	4,756,506,261	-12.3%	4,842,465,229	1.8%

(IAPs*)						
Blocked E-Mails (IAPs*)	4,403,309,043	-9.8%	4,002,516,646	-9.1%	4,511,804,709	12.7%
Spam reports filed by IAP Users	274,057	-61.9%	246,191	-10.2%	816,190	231.5%
	Apr. 11'	Month on Month Change	May. 11'	Month on Month Change	Jun. 11'	Month on Month Change
Incoming E-Mails (IAPs*)	4,367,888,185	-9.8%	3,711,432,489	-14.9%	4,238,051,456	13%
Blocked E-Mails (IAPs*)	4,075,284,955	-9.9%	3,409,676,226	-16.2%	3,931,133,311	14.9%
Spam reports filed by IAP Users	188,786	-76.9%	76,288	-59.6%	84,829	11.1%
	Jul. 11'	Month on Month Change	Aug. 11'	Month on Month Change	Sep. 11'	Month on Month Change
Incoming E-Mails (IAPs*)	4,136,925,235	-2.4%	3,823,257,780	-7.6%	3,571,191,120	-6.6%
Blocked E-Mails (IAPs*)	3,809,853,975	-3.1%	3,498,397,891	-8.2%	3,253,710,062	-7.0%
Spam reports filed by IAP Users	96,902	14.2%	93,511	-3.5%	119,648	28.0%
	Oct. 11'	Month on Month Change	Nov. 11'	Month on Month Change	Dec. 11'	Month on Month Change
Incoming E-Mails (IAPs*)	3,841,187,241	7.6%	3,374,266,852	-13.8%	3,381,632,702	0.2%
Blocked E-Mails (IAPs*)	3,554,733,383	9.3%	3,032,414,563	-17.2%	3,071,841,582	1.2%
Spam reports filed by IAP Users	103, 146	-13.8%	106, 763	3.5%	108, 239	1.4%

*Note: Top 20 main IAPs in Taiwan