

Republic of Botswana

STATS BRIEF

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INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT) INDICATORS: 2008

1.0 Introduction

This Stats Brief provides statistics on Information and Communications Technology (ICT) indicators for 2008.

Demand for Information and Communications Technology (ICT) statistics has increased over time with the country's need to monitor and review national policies and strategies on availability, access and the impact of ICT on development processes.

In this brief all activities related to ICT have been classified according to the International Standard Industrial Classification (ISIC) Revision 3. The report covers three Information and Communications Technology sub sectors; the Postal Services, the Print Media and the Radio Stations during the period in consideration.

Postal Services: Postal Services help sustain the flow of information and facilitate the movement of goods and services. The products and services provided include mailing of letters, parcels and postal orders both locally and internationally.

Print Media: This covers government and privately owned newspapers countrywide, and are categorized into dailies (issued at least four times a week), and non dailies (issued once a week) and the magazines (issued once a month).

Under normal circumstances, Radio and Telecommunications are covered, but currently data available is not sufficient to produce a publication due to non responses.

It is hoped that improvements on the Stats Brief will be made on the basis of the availability of data on other indicators that are not currently covered.

2.0 Botswana Postal Services

2.1 Mail Volume Trends

Presented in Figure 1 and Table 1 are mail volume circulated within and outside Botswana. Since 2004, domestic mail handled has been steadily decreasing and was lower in 2006. However, a slight increase was observed in 2007 with a sharp increase realized in 2008.

Figure 1: Mail Volume Trend; 2004 – 2008



International mail received has been fairly stable since 2004, with an increase of 36 percent in items realized in 2005 and started decreasing from 2006, reaching its lowest in 2008. The international mail dispatched also portrayed almost a similar trend, decreasing over time and reaching its lowest in 2008.

2.2 Recorded Items

Recorded items include Insured, Registered, and Express Mail Service items, but exclude undeliverable and returned to sender or redirected items.

Table A shows that domestic mail dominates with the highest mail volume recorded constituting 78.6 percent, and mail dispatched abroad accounting for 11.9 percent, while mail received from abroad accounted for 9.6 percent in 2008. Of the total (383,623) registered items, 83.7 percent (321,057) are domestic registered items. Overall, registered items (locally, from and to abroad) accounts for 89.9 percent of mail volume of recorded items.

Table A: Mail Volume of Recorded Items -2008

	Parcels	Registered Items	Express Mail Services	Total	Percentage
Posted	16 213	360 781	8 759	385 753	90.4
Domestic	14 052	321 057	-	335 109	78.6
Foreign Dispatched	2 161	39 724	8 759	50 644	11.9
Foreign Received	15 003	22 842	2 918	40 763	9.6
Grand Total	31 216	383 623	11 677	426 516	100.0
Percentage	7.3	89.9	2.7	100.0	0.0

Source: Botswana Postal services

Note: Total Posted = Domestic + Foreign Dispatched

Express mail services have the least of recorded items of 2.7 percent. The data on recorded items given in quarters are also displayed in Table 2 (page 7), while Table 4 (page 9) gives a presentation of the same by month in 2008.

2.3 Unrecorded Mail Items (Ordinary Item) - 2008

These are mail items that are posted without issuing receipts. These include Letters or Cards, Printed Matter and Small packets.

Table B: Unrecorded Mail Items - 2008

	Letters/Cards	Print Matter	Small Packets	Total	Percentage
Posted	27 750 432	240 405	2 656	27 993 493	90.3
Domestic	27 187 116	217 269	-	27 404 385	88.4
Foreign Dispatched	563 316	23 136	2 656	589 108	1.9
Foreign Received	2 877 264	116 847	22 317	3 016 428	9.7
Grand Total	30 627 696	357 252	24 973	31 009 921	100.0
Percentage	98.8	1.2	0.1	100.0	0.0

Source: Botswana Postal services

Note: Total Posted = Domestic + Foreign Dispatched

Table B shows a similar pattern to recorded mail items, with the local unrecorded mail items constituting 88.4 percent, followed by items received abroad with a contribution of 9.7 percent. Items dispatched abroad contributed the least of unrecorded mail items with 1.9 percent. The letter/cards constituted the highest number of unrecorded mail items, with 98.8 percent in all categories during the 2008, of which 88.8 percent were domestic mail.

The data on unrecorded items given in quarters are also displayed in Table 3 (page 8).

2.4 Money and Postal Orders Handled- 2008

Tables 5 and 6 on page 10 present data on money orders paid and issued as well as postal orders paid in and received respectively in quarters for 2008. It should be noted that data on postal orders paid in Botswana is complete up to May, while it is complete up to July for postal orders issued.

The data suggest that, during 2008 Botswana had the majority of money orders paid, followed by South Africa. The first quarter of 2008 experienced the highest money orders paid and issued, while postal orders paid and received were highest during the second quarter of the same year.

Figure 2: Number of Postal Orders Handled, 2004 - 2008

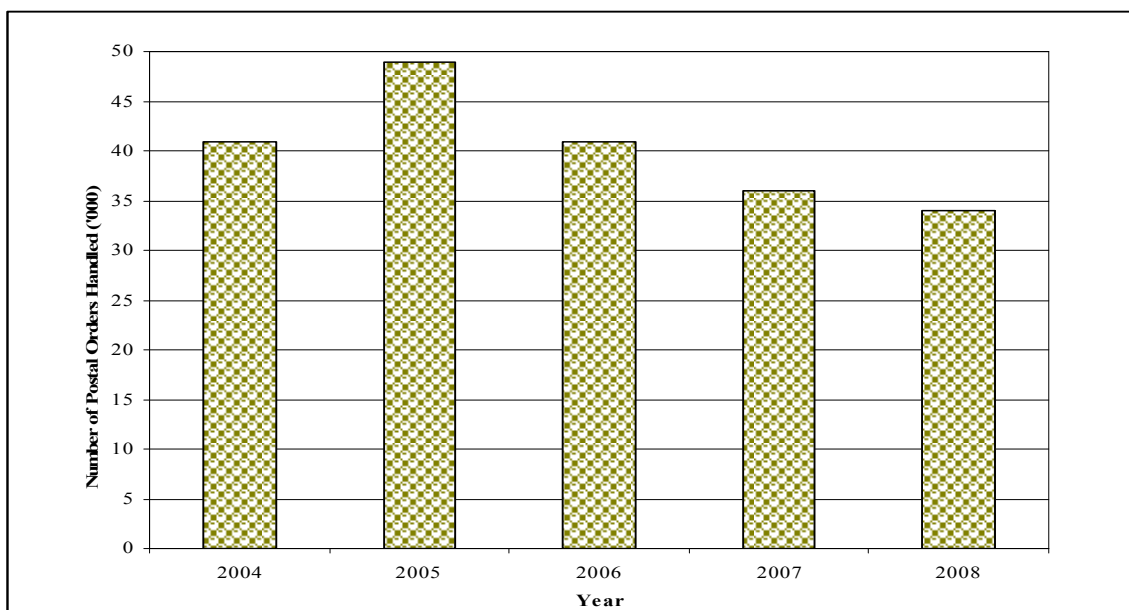


Figure 2 shows number of postal orders handled from 2004 to 2008. It suggests a high number of postal orders handled in 2005 and the figure has been gradually decreasing with the least number of postal orders handled in 2008.

The data on postal orders handled are also shown in Table 7 (page 11).

3.0. Print Media

Print media covers privately and government owned newspapers throughout Botswana. These are categorized in Dailies (issued at least 4 times a week), Non Dailies (issued once a week) Magazines and the advertiser (issued once a week). However, magazines are not displayed in the graph because of its insignificant comparisons with other newspapers.

Figure 3: Number of Newspaper Printed by Frequency, 2004-2008

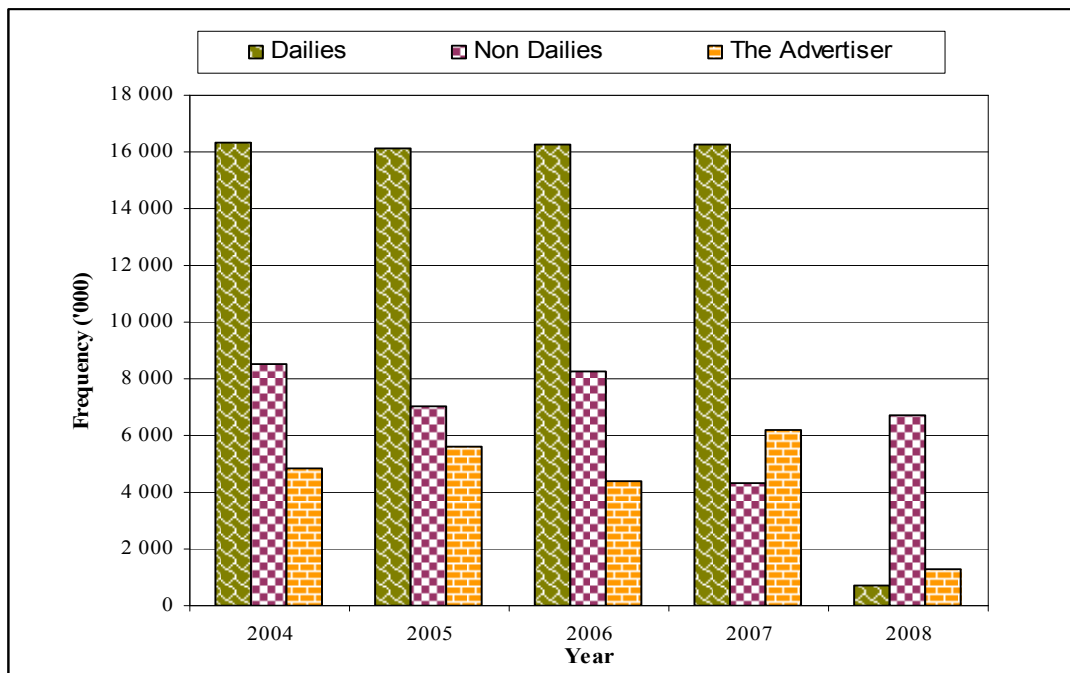


Figure 3 shows constant continuity on the Dailies newspapers from 2004 to 2007 but depicts a sharp decline in 2008 due to inadequate responses from some companies. Non Dailies displayed fluctuations through out the period under consideration with some improvements in 2008. The advertiser also showed fluctuations between 2004 and 2007, with the lowest responses recorded in 2008.

There were no data for the magazines in 2004 and 2005. A sharp decline was observed in 2007 (10,000) and a high significant increase was also realized in 2008 (134,434). These fluctuations however, explain the inconsistency in responding to inquiries.

The data on dailies, non dailies, magazines and the advertiser are also displayed in Table 8 (page 11), while data on number of privately owned printed newspapers are displayed in Table 9 (page 11).

Figure 4: Private Newspapers Net sales (Pula), 2004 -2008

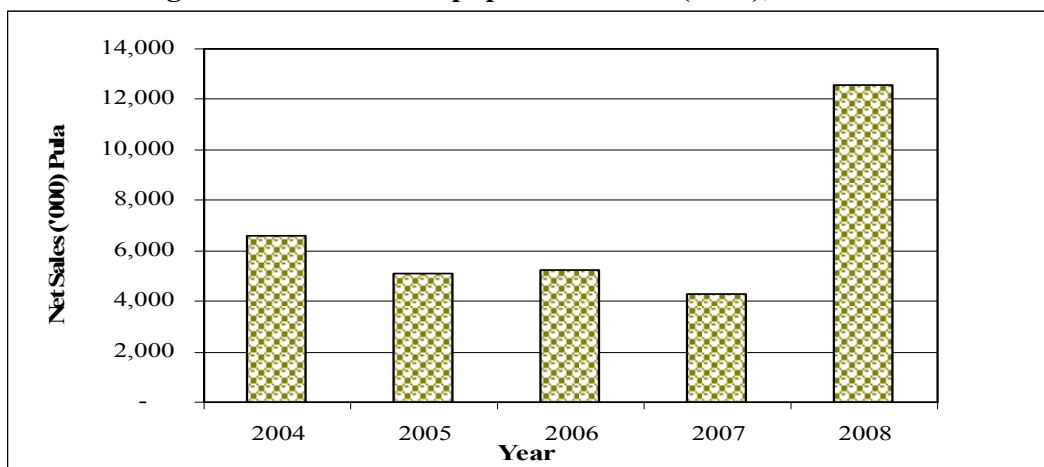


Figure 4 portrays net sales of private newspapers from 2004 to 2008. It can be observed that there have been fluctuations in the net sales of private newspapers. There was a general decrease from 2006, with 2007 recording the lowest net sales of P4, 282,000, compared with the highest net sales of P12, 590,000 realized in 2008, almost three times the previous year (Table 10).

Figure 5: Private Newspapers Employees by Use of ICT Indicators and Month (2008)

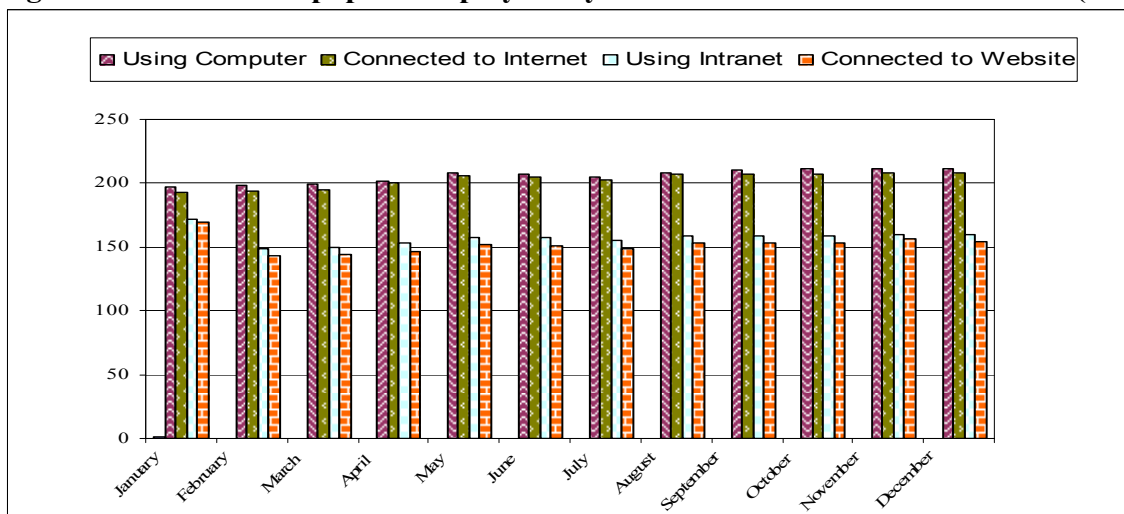


Figure 5 and Table 11 indicate that there was a wide usage of computers, intranet, connectivity to internet and website among private newspapers employees in 2008. The use of computers and internet was in the increase towards the end of the year. Table 12 also shows ICT indicators usage by sex and suggests that it was skewed towards male as compared to their female counterparts.

Maj

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Government Statistician

Table 1: Mail Volume Trends: 1998 - 2008

Year	Foreign		Domestic Mail	Population ('000)	Foreign		Domestic
	Received	Dispatched			Received per 10,000 Population	Dispatched per 10,000 Population	Mail per 10,000 Population
1998	11,505,944	1,409,440	39,085,932	1,572	73	9	249
1999	4,184,900	1,562,289	32,207,786	1,611	26	10	200
2000	6,927,076	2,921,873	31,607,144	1,651	42	18	191
2001	6,252,568	5,208,753	40,370,418	1,622	39	32	249
2002	8,161,863	2,283,159	34,078,710	1,650	49	14	206
2003	5,356,990	2,574,866	31,954,748	1,673	32	15	191
2004	4,745,254	2,304,065	31,821,527	1,693	28	14	188
2005	6,461,033	1,676,768	30,758,411	1,708	38	10	180
2006	5,854,772	1,904,340	25,972,807	1,720	34	11	151
2007	4,097,365	916,865	27,693,000	1,736	24	5	160
2008	3,057,191	639,752	56,044,328	1,755	17	4	319

Source: Botswana Postal Services

Table 2: Recorded Mail Items (Priority and non Priority) 2008

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Parcel					
Domestic	3,725	3,096	3,923	3,308	14,052
Foreign Dispatched	412	567	534	648	2,161
Total Posted	4,137	3,663	4,457	3,956	16,213
Foreign Received	3,378	3,605	3,828	4,192	15,003
Sub Total	7,515	7,268	8,285	8,148	31,216
Registered Items					
Domestic	74,154	74,684	83,731	88,488	321,057
Foreign Dispatched	11,220	10,398	12,327	5,779	39,724
Total Posted	85,374	85,082	96,058	94,267	360,781
Foreign Received	5,613	5,585	5,846	5,798	22,842
Sub Total	90,987	90,667	101,904	100,065	383,623
Express Mail Service					
Domestic	-	-	-	-	-
Foreign Dispatched	1,895	2,124	2,148	2,592	8,759
Total Posted	1,895	2,124	2,148	2,592	8,759
Foreign Received	1,026	1,436	280	176	2,918
Sub Total	2,921	3,560	2,428	2,768	11,677
Grand Total	101,423	101,495	112,617	110,981	426,516

Source: Botswana Postal services

Note: Total Posted = Domestic + Foreign Dispatched

Grand Total = Total Posted + Foreign Received for Parcels, Registered Items and Express Mail Service

Table 3: Unrecorded Mail Items (Priority and non Priority) 2008

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Letter/Cards					
Domestic	6,295,126	6,311,028	7,964,366	6,616,596	27,187,116
Foreign Dispatched	109,444	202,590	129,500	121,782	563,316
Total Posted	6,404,570	6,513,618	8,093,866	6,738,378	27,750,432
Foreign Received	730,131	605,440	715,903	825,790	2,877,264
Sub Total	7,134,701	7,119,058	8,809,769	7,564,168	30,627,696
Printed Matter					
Domestic	38,946	47,000	65,816	65,507	217,269
Foreign Dispatched	4,137	3,845	5,971	9,183	23,136
Total Posted	43,083	50,845	71,787	74,690	240,405
Foreign Received	27,313	23,458	21,511	44,565	116,847
Sub Total	70,396	74,303	93,298	119,255	357,252
Small Packets					
Domestic	-	-	-	-	-
Foreign Dispatched	451	500	537	1,168	2,656
Total Posted	451	500	537	1,168	2,656
Foreign Received	4,529	8,376	3,107	6,305	22,317
Sub Total	4,980	8,876	3,644	7,473	24,973
Grand Total	7,210,077	7,202,237	8,906,711	7,690,896	31,009,921

Source: Botswana Postal services

Note: Total Posted = Domestic + Foreign Dispatched

Grand Total = Total Posted + Foreign Received for Letters/cards, Printed Matter and Small Packets

Table 4

Recorded Mail Items (Priority and non Priority) by Month 2008

Month	Parcels				Registered Items				Express Mail Service			
	Posted	Domestic	Foreign Received	Foreign Dispatched	Posted	Domestic	Foreign Received	Foreign Dispatched	Posted	Domestic	Foreign Received	Foreign Dispatched
January	451	272	999	179	30,209	26,848	1,846	3,361	583	-	290	583
February	1,252	1,166	1,180	86	31,976	27,252	1,933	4,724	605	-	373	605
March	2,434	2,287	1,199	147	23,189	20,054	1,834	3,135	707	-	363	707
April	1,143	990	1,155	153	28,321	24,990	2,095	3,331	711	-	473	711
May	1,475	1,267	1,289	208	24,949	20,394	1,807	4,555	683	-	504	683
June	1,045	839	1,161	206	31,812	29,300	1,683	2,512	730	-	459	730
July	1,075	919	1,266	156	33,801	29,946	2,112	3,855	638	-	138	638
August	2,149	2,010	1,241	139	30,249	24,535	1,763	5,714	705	-	90	705
September	1,233	994	1,321	239	32,008	29,250	1,971	2,758	805	-	52	805
October	1,367	1,128	1,416	239	33,240	31,099	2,325	2,141	1,083	-	41	1,083
November	1,408	1,234	1,248	174	30,161	28,398	1,604	1,763	689	-	24	689
December	1,181	946	1,528	235	30,866	28,991	1,869	1,875	820	-	111	820
Total	16,213	14,052	15,003	2,161	360,781	321,057	20,996	39,724	8,759	-	2,918	8,759
Total (2007)	19,979	-	3,472	12	380,414	-	28,223	26,832	-	-	-	-

Source: Botswana Postal services

Note: Total Posted = Domestic + Foreign Dispatched

Table 5: Money Order Paid and Issued by 2008

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Money Orders paid					
Botswana	109,800	73,852	-	-	183,652
Lesotho	70	62	77	66	484
South Africa	524	640	555	537	3,975
Swaziland	63	56	50	52	372
Sub Total	110,457	74,610	682	655	188,483
Money orders issued					
Botswana	112,191	114,659	41,492	-	268,342
Lesotho	38	24	39	34	236
South Africa	1,855	1,738	1,820	1,852	12,678
Swaziland	97	102	92	97	679
Sub Total	114,181	116,523	43,443	1,983	281,935
Grand Total	224,638	191,133	44,125	2,638	470,418

Source: Botswana Postal Services

Table 6: Postal Order Paid and Received by Quarter 2008

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Botswana Postal Orders Paid In					
Botswana	10,312	10,603	2,306	1,858	25,079
South Africa	2,038	1,626	2,476	2,480	8,620
Sub Total	12,350	12,229	4,782	4,338	33,699
Postal Orders Received From					
South Africa	43	175	83	31	332
Britain	6	6	5	7	24
Sub Total	49	181	88	38	356
Total Postal Orders Handled	12,399	12,410	4,870	4,376	34,055

Sources: Botswana Postal Services

Table 7: Number of Postal Orders Paid and Received - 2008

	2004	2005	2006	2007	2008	Total
Botswana Postal Orders Paid In						
Botswana	28,903	38,198	32,035	26,678	25,079	150,893
South Africa	11,461	10,353	8,321	8,704	8,620	47,459
Zimbabwe	185	52	48	4	-	289
Sub Total	40,549	48,603	40,404	35,386	33,699	198,641
Postal Orders Received From						
South Africa	190	-	141	309	332	972
Britain	243	-	127	58	24	452
Sub Total	433	-	268	367	356	1,424
Total Postal Orders Handled	40,982	48,603	40,672	35,753	34,055	200,065

Table 8 Number of Newspapers Printed by Frequency (Private & Govt. Owned): 2004 - 2008

Frequency	2004	2005	2006	2007	2008
Dailies (issued at least 4 times a week)	16,315,000	16,120,000	16,250,000	16,250,000	7,300,000
Non Dailies (issued once a week)	8,531,305	7,011,427	8,263,276	4,349,810	6,728,144
Kutlwano (issued once a month)	180,000	10,000	134,434
The Advertiser (issued once a week)	4,840,000	5,622,000	4,380,000	6,171,000	1,260,000
Total	29,686,305	28,753,427	29,073,276	26,780,810	7,592,578

Source: various Private Newspapers

Table 9 Media : Number of Newspapers Printed (Privately Owned): 2004-2008

Months	2004	2005	2006	2007	2008
January	932,054	506,736	572,434	340,720	461,391
February	1,060,829	565,974	694,802	357,677	604,447
March	1,138,192	609,189	787,541	392,175	534,186
April	1,194,813	640,690	663,814	357,036	584,023
May	976,156	580,624	724,504	365,211	568,159
June	1,140,177	601,311	676,516	427,459	558,389
July	1,137,728	560,185	658,407	376,658	554,682
August	1,138,126	618,929	754,851	483,463	617,680
September	1,165,506	637,185	713,158	397,410	575,578
October	1,132,738	586,917	703,419	577,447	634,043
November	1,184,091	592,012	738,119	434,445	570,150
December	1,170,895	511,675	575,711	319,182	465,416
Total	13,371,305	7,011,427	8,263,276	4,828,883	6,728,144

Source: various Private Newspapers

Table 10: Private Newspapers (Net Sales in Pula) 2004 - 2008

Month	2,004	2,005	2,006	2,007	2,008
January	49 5,522	369,558	3 92,453	306,431	710,140
February	51 0,127	402,041	4 41,645	312,205	975,323
March	58 3,497	450,336	4 97,758	346,141	987,664
April	54 9,938	433,321	4 07,146	316,287	1,070,427
May	53 0,460	406,758	4 63,419	357,987	1,091,130
June	58 5,482	458,337	3 94,671	378,947	1,045,520
July	55 5,346	413,074	4 11,179	321,626	1,178,626
August	53 3,071	452,314	4 69,901	420,546	1,243,599
September	56 3,423	469,007	4 55,736	342,162	1,114,352
October	53 8,554	422,938	4 39,286	523,206	1,214,594
November	57 4,989	442,698	4 58,258	376,393	1,084,030
December	54 6,135	368,228	3 72,941	280,038	878,247
Total	6,56 6,544	5,088,610	5 2 04,393	4,281,969	12,593,652

Source: various Private Newspapers

Table 11: Number of Private Newspapers Employees by Use of ICT Indicators (2008)

Month	Total Employees	Using Computer	Connected to Internet	Using Intranet	Connected to Website
January	2 68	197	193	172	170
February	2 73	198	194	149	143
March	2 73	199	195	150	144
April	2 77	202	200	153	147
May	2 77	208	206	158	152
June	2 77	207	205	157	151
July	2 73	205	203	155	149
August	2 77	208	207	159	153
September	2 81	210	207	159	153
October	2 82	211	207	159	153
November	2 83	212	208	160	156
December	2 83	212	208	160	154

Table 12: Number of Private Newspapers Employees by Use of ICT Indicators and Sex (2008)

Month	Number of Employees		Using Computer		Connected to Internet		Using Intranet		Connected to Website	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
January	139	129	114	83	114	79	114	58	114	56
February	139	134	114	84	114	80	90	59	86	57
March	139	134	115	84	115	80	91	59	87	57
April	144	133	119	83	119	81	95	58	91	56
May	148	129	123	85	123	83	98	60	94	58
June	148	129	122	85	122	83	97	60	93	58
July	145	128	121	84	121	82	96	59	92	57
August	147	130	121	87	121	86	96	63	92	61
September	149	132	123	87	122	85	97	62	93	60
October	150	132	125	86	123	84	98	61	94	59
November	149	134	124	88	122	86	97	63	95	61
December	149	134	124	88	122	86	97	63	93	61