

Table 2 Core Information and Communications Technology Indicators for Information Economy by Region: Philippines, 2010

Region	Number of Establishments			Percentage of Establishments with					
				Computer and Other Hardware			Internet Access		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
PHILIPPINES	2,682	2,107	2,122	91.1	96.1	97.1	81.7	88.4	91.1
National Capital Region	1,376	1,189	1,121	93.2	97.3	98.5	87.9	93.1	94.8
Cordillera Administrative Region	33	20	25	84.8	85.0	84.0	69.7	75.0	88.0
I - Ilocos Region	66	35	40	84.8	85.7	95.0	78.8	80.0	90.0
II - Cagayan Valley	33	26	31	69.7	96.2	83.9	42.4	57.7	61.3
III - Central Luzon	134	100	89	94.8	95.0	96.6	78.4	80.0	85.4
IVA - CALABARZON	311	244	257	91.3	96.3	95.7	81.7	90.2	91.4
IVB - MIMAROPA	35	26	31	77.1	80.8	87.1	54.3	69.2	77.4
V - Bicol Region	83	54	59	88.0	96.3	98.3	81.9	88.9	91.5
VI - Western Visayas	128	82	88	93.0	96.3	97.7	70.3	79.3	87.5
VII - Central Visayas	157	117	140	91.1	97.4	97.1	86.6	89.7	88.6
VIII - Eastern Visayas	38	28	30	65.8	96.4	90.0	39.5	75.0	80.0
IX - Zamboanga Peninsula	44	34	28	86.4	91.2	96.4	54.5	55.9	82.1
X - Northern Mindanao	64	43	54	89.1	90.7	100.0	73.4	79.1	88.9
XI - Davao Region	83	46	58	88.0	93.5	94.8	77.1	82.6	81.0
XII - SOCCSKSARGEN	52	41	39	82.7	92.7	94.9	67.3	75.6	87.2
XIII - Caraga Region	26	17	25	100.0	100.0	100.0	80.8	88.2	88.0
Autonomous Region in Muslim Mindanao	8	5	7	100.0	100.0	100.0	37.5	80.0	71.4

Source: 2008 Survey on Information and Communication Technology (SICT); Final Results
2009 SICT; Final Results
2010 SICT; Preliminary Results
National Statistics Office

Table 2 - Continued

Region	Percentage of Employees Using Computers								
	Number of Employees			Routinely at Work			With Internet Connection Routinely at Work		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
PHILIPPINES	304,864	272,063	259,741	44.9	46.0	48.9	31.9	33.2	31.3
National Capital Region	113,920	105,550	87,397	71.0	74.5	74.7	60.2	65.0	63.5
Cordillera Administrative Region	419	3,907	4,079	60.1	47.4	71.9	52.3	24.8	48.0
I - Ilocos Region	693	437	444	50.4	60.9	65.1	42.0	49.4	56.5
II - Cagayan Valley	284	259	235	29.2	39.0	33.6	18.3	24.3	26.8
III - Central Luzon	17,271	17,745	11,868	40.2	234.0	37.8	29.6	10.3	19.8
IVA - CALABARZON	125,961	107,131	115,069	25.0	22.6	33.0	10.7	7.8	8.9
IVB - MIMAROPA	394	324	336	36.0	29.3	36.0	25.9	23.5	26.5
V - Bicol Region	1,928	1,532	1,096	70.3	79.5	65.0	19.8	74.9	40.4
VI - Western Visayas	1,359	1,093	1,058	46.4	54.8	51.0	36.1	40.5	37.2
VII - Central Visayas	38,034	30,141	34,111	33.5	39.4	34.7	18.3	22.7	22.5
VIII - Eastern Visayas	373	1,096	1,324	26.8	71.2	82.3	15.0	66.8	79.4
IX - Zamboanga Peninsula	389	290	228	46.5	47.6	53.1	29.6	31.0	44.3
X - Northern Mindanao	984	942	940	40.1	36.6	45.2	27.7	28.7	37.6
XI - Davao Region	1,115	695	743	55.4	58.3	57.3	45.6	48.6	50.6
XII - SOCCSKSARGEN	587	668	552	62.0	60.0	64.9	36.5	41.2	40.9
XIII - Caraga Region	190	193	200	45.3	49.2	57.5	30.5	40.4	48.5
Autonomous Region in Muslim Mindanao	67	50	61	26.9	40.0	67.2	11.9	24.0	41.0

Source: 2008 Survey on Information and Communication Technology (SICT); Final Results
2009 SICT; Final Results
2010 SICT; Preliminary Results
National Statistics Office

Table 2 - Continued

Region	Percentage of Establishments with								
	Web Presence			Intranet			Extranet		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	
PHILIPPINES	46.2	43.1	43.4	25.9	29.9	30.4	6.6	8.6	8.3
National Capital Region	59.2	54.5	55.1	32.6	36.3	35.1	8.6	10.2	9.7
Cordillera Administrative Region	33.3	40.0	28.0	21.2	15.0	16.0	0.0	10.0	4.0
I - Ilocos Region	40.9	45.7	35.0	10.6	14.3	32.5	1.5	2.9	7.5
II - Cagayan Valley	6.1	23.1	12.9	0.0	3.8	12.9	0.0	0.0	6.5
III - Central Luzon	37.3	21.0	31.5	23.9	28.0	25.8	6.7	9.0	5.6
IVA - CALABARZON	32.5	24.6	31.1	27.7	26.2	35.8	5.1	6.6	7.0
IVB - MIMAROPA	2.9	3.8	6.5	2.9	3.8	9.7	0.0	3.8	3.2
V - Bicol Region	21.7	18.5	20.3	14.5	11.1	18.6	1.2	7.4	6.8
VI - Western Visayas	40.6	35.4	30.7	8.6	17.1	17.0	1.6	6.1	5.7
VII - Central Visayas	52.5	42.7	46.4	36.3	34.2	35.7	10.8	7.7	11.4
VIII - Eastern Visayas	5.3	0.0	16.7	13.2	17.9	16.7	2.6	3.6	3.3
IX - Zamboanga Peninsula	13.6	20.6	17.9	9.1	14.7	3.6	2.3	8.8	3.6
X - Northern Mindanao	26.6	32.6	29.6	17.2	20.9	16.7	7.8	4.7	7.4
XI - Davao Region	39.8	43.5	41.4	7.2	21.7	17.2	2.4	6.5	3.4
XII - SOCCSKSARGEN	23.1	26.8	25.6	13.5	14.6	20.5	3.8	7.3	7.7
XIII - Caraga Region	0.0	29.4	16.0	0.0	5.9	8.0	0.0	5.9	0.0
Autonomous Region in Muslim Mindanao	12.5	20.0	14.3	0.0	0.0	28.6	0.0	0.0	28.6

Source: 2008 Survey on Information and Communication Technology (SICT); Final Results
2009 SICT; Final Results
2010 SICT; Preliminary Results
National Statistics Office

Table 2 - *Continued*

Region	Percentage of Establishments with					
	With Local Area Network			With Wide Area Network		
	2008 (28)	2009 (29)	2010 (30)	2008 (31)	2009 (32)	2010 (33)
PHILIPPINES	56.1	60.1	36.7	16.9	19.8	18.1
National Capital Region	62.9	66.8	43.8	20.9	22.5	19.9
Cordillera Administrative Region	72.7	50.0	20.0	9.1	20.0	20.0
I - Ilocos Region	57.6	51.4	32.5	9.1	11.4	12.5
II - Cagayan Valley	9.1	23.1	12.9	0.0	0.0	3.2
III - Central Luzon	53.7	47.0	25.8	9.7	15.0	20.2
IVA - CALABARZON	59.8	57.4	37.7	20.3	17.2	21.4
IVB - MIMAROPA	20.0	23.1	16.1	0.0	7.7	3.2
V - Bicol Region	43.4	59.3	16.9	12.0	14.8	16.9
VI - Western Visayas	45.3	47.6	19.3	2.3	12.2	6.8
VII - Central Visayas	59.2	65.0	40.0	27.4	32.5	22.1
VIII - Eastern Visayas	13.2	42.9	16.7	2.6	10.7	6.7
IX - Zamboanga Peninsula	29.5	38.2	14.3	4.5	8.8	10.7
X - Northern Mindanao	43.8	53.5	24.1	7.8	16.3	11.1
XI - Davao Region	42.2	52.2	36.2	8.4	13.0	13.8
XII - SOCCSKSARGEN	13.5	48.8	20.5	7.7	12.2	17.9
XIII - Caraga Region	42.3	29.4	20.0	0.0	17.6	0.0
Autonomous Region in Muslim Mindanao	0.0	20.0	14.3	0.0	0.0	42.9

Source: *2008 Survey on Information and Communication Technology (SICT); Final Results*
2009 SICT; Final Results
2010 SICT; Preliminary Results
National Statistics Office

Table 2 - *Continued*

Region	Percentage of Establishments with								
	E-commerce via the Internet			E-commerce via Computer Networks Other than the Internet			Business Transaction via Cellular Mobile Phone		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	
PHILIPPINES	31.4	26.7	21.7	12.2	10.0	9.0	22.6	18.4	19.0
National Capital Region	37.6	31.6	28.3	13.3	10.4	10.8	17.7	16.0	18.3
Cordillera Administrative Region	27.3	20.0	8.0	18.2	5.0	12.0	21.2	20.0	20.0
I - Ilocos Region	31.8	28.6	20.0	4.5	2.9	10.0	30.3	22.9	37.5
II - Cagayan Valley	3.0	15.4	0.0	0.0	7.7	0.0	30.3	15.4	22.6
III - Central Luzon	30.6	23.0	12.4	8.2	11.0	9.0	17.2	21.0	11.2
IVA - CALABARZON	28.0	16.8	16.3	16.7	13.5	9.7	23.8	19.7	19.1
IVB - MIMAROPA	14.3	7.7	3.2	8.6	0.0	3.2	54.3	30.8	32.3
V - Bicol Region	28.9	16.7	15.3	6.0	3.7	5.1	42.2	25.9	22.0
VI - Western Visayas	15.6	25.6	11.4	7.8	7.3	4.5	21.9	22.0	21.6
VII - Central Visayas	37.6	35.0	27.9	14.0	13.7	7.1	21.0	24.8	15.7
VIII - Eastern Visayas	5.3	0.0	3.3	0.0	3.6	0.0	34.2	25.0	23.3
IX - Zamboanga Peninsula	13.6	14.7	10.7	4.5	2.9	0.0	36.4	17.6	7.1
X - Northern Mindanao	20.3	11.6	3.7	10.9	7.0	1.9	35.9	9.3	5.6
XI - Davao Region	14.5	13.0	12.1	7.2	8.7	10.3	26.5	10.9	22.4
XII - SOCCSKSARGEN	19.2	24.4	7.7	13.5	4.9	2.6	38.5	36.6	35.9
XIII - Caraga Region	30.8	17.6	16.0	3.8	5.9	16.0	7.7	23.5	28.0
Autonomous Region in Muslim Mindanao	12.5	60.0	14.3	12.5	20.0	14.3	12.2	60.0	42.9

Source: 2008 Survey on Information and Communication Technology (SICT); Final Results
2009 SICT; Final Results
2010 SICT; Preliminary Results
National Statistics Office

Table 2 - *Continued*

Region	Percentage of Establishments which Used the Internet for								
	Finance Accounting and Auditing			Internal or External Recruitment			Staff Training		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	
PHILIPPINES	24.6	31.0	33.2	31.7	37.3	41.9	20.7	26.8	29.3
National Capital Region	30.7	35.3	35.8	43.5	46.3	50.2	25.8	30.1	32.2
Cordillera Administrative Region	3.0	13.3	18.2	18.2	13.3	22.7	21.2	13.3	18.2
I - Ilocos Region	12.1	14.3	19.4	16.7	7.1	19.4	15.2	25.0	27.8
II - Cagayan Valley	3.0	6.7	15.8	3.0	13.3	26.3	6.1	26.7	10.5
III - Central Luzon	23.9	25.0	39.5	23.1	31.3	39.5	17.9	28.8	40.8
IVA - CALABARZON	30.9	32.3	45.5	34.7	33.2	45.1	17.7	16.8	28.9
IVB - MIMAROPA	2.9	16.7	12.5	2.9	0.0	12.5	11.4	5.6	12.5
V - Bicol Region	12.0	16.7	14.8	7.2	16.7	31.5	13.3	27.1	22.2
VI - Western Visayas	6.3	20.0	13.0	6.3	15.4	20.8	4.7	29.2	19.5
VII - Central Visayas	29.3	40.0	36.3	31.2	35.2	40.3	21.7	29.5	32.3
VIII - Eastern Visayas	7.9	4.8	16.7	2.6	23.8	25.0	7.9	14.3	20.8
IX - Zamboanga Peninsula	2.3	10.5	17.4	0.0	15.8	8.7	6.8	21.1	8.7
X - Northern Mindanao	7.8	14.7	20.8	9.4	8.8	18.8	10.9	17.6	20.8
XI - Davao Region	10.8	15.8	27.7	16.9	18.4	19.1	13.3	15.8	17.0
XII - SOCCSKSARGEN	19.2	16.1	17.6	9.6	12.9	17.6	23.1	22.6	29.4
XIII - Caraga Region	15.4	6.7	18.2	0.0	6.7	13.6	19.2	20.0	13.6
Autonomous Region in Muslim Mindanao	0.0	0.0	40.0	0.0	0.0	40.0	12.5	25.0	20.0

Source: 2008 Survey on Information and Communication Technology (SICT); Final Results
2009 SICT; Final Results
2010 SICT; Preliminary Results
National Statistics Office

Table 2 - *Continued*

Region	Percentage of Establishments which Used the Internet for								
	Sharing or Distribution of Information within the Establishment			Sharing or Distribution of Information with Other Organizations			Obtaining Information from Other Organizations		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	
PHILIPPINES	42.6	50.4	55.9	35.0	50.3	44.4	62.2	57.1	55.6
National Capital Region	49.1	53.6	61.2	40.0	53.7	47.7	68.0	60.8	56.3
Cordillera Administrative Region	60.6	53.3	50.0	48.5	53.3	18.2	72.7	80.0	50.0
I - Ilocos Region	51.5	46.4	38.9	42.4	46.4	47.2	59.1	57.1	72.2
II - Cagayan Valley	6.1	40.0	31.6	9.1	13.3	42.1	30.3	20.0	31.6
III - Central Luzon	39.6	51.3	63.2	35.1	43.8	48.7	61.2	56.3	56.6
IVA - CALABARZON	41.2	39.5	48.1	37.3	46.8	43.8	59.8	39.5	59.6
IVB - MIMAROPA	17.1	5.6	33.3	11.4	50.0	29.2	40.0	72.2	37.5
V - Bicol Region	28.9	60.4	53.7	28.9	58.3	38.9	53.0	68.8	63.0
VI - Western Visayas	24.2	58.5	41.6	17.2	49.2	31.2	53.9	46.2	39.0
VII - Central Visayas	52.2	55.2	59.7	37.6	46.7	42.7	63.7	66.7	53.2
VIII - Eastern Visayas	13.2	38.1	37.5	10.5	33.3	37.5	31.6	47.6	37.5
IX - Zamboanga Peninsula	9.1	26.3	43.5	9.1	63.2	17.4	31.8	63.2	52.2
X - Northern Mindanao	25.0	47.1	39.6	17.2	29.4	31.3	57.8	35.3	47.9
XI - Davao Region	32.5	44.7	55.3	30.1	36.8	42.6	57.8	42.1	46.8
XII - SOCCSKSARGEN	34.6	45.2	55.9	28.8	45.2	50.0	48.1	61.3	73.5
XIII - Caraga Region	23.1	13.3	36.4	19.2	33.3	40.9	57.7	66.7	77.3
Autonomous Region in Muslim Mindanao	37.5	25.0	80.0	37.5	25.0	60.0	37.5	50.0	60.0

Source: 2008 Survey on Information and Communication Technology (SICT); Final Results
2009 SICT; Final Results
2010 SICT; Preliminary Results
National Statistics Office

Table 2 - *Continued*

Region	Percentage of Establishments Which Used the Internet for					
	Obtaining Information from Government Organizations			Downloading or Requesting Government Forms		
	2008	2009	2010	2008	2009	2010
	(61)	(62)	(63)	(64)	(65)	(66)
PHILIPPINES	56.2	74.1	78.0	54.3	71.1	74.5
National Capital Region	62.4	78.8	75.3	64.2	76.6	78.1
Cordillera Administrative Region	57.6	66.7	68.2	42.4	73.3	59.1
I - Ilocos Region	65.2	67.9	80.6	53.0	57.1	66.7
II - Cagayan Valley	24.2	60.0	73.7	18.2	46.7	63.2
III - Central Luzon	48.5	72.5	84.2	50.7	70.0	69.7
IVA - CALABARZON	63.3	68.2	87.7	64.6	76.4	77.9
IVB - MIMAROPA	28.6	44.4	79.2	14.3	33.3	66.7
V - Bicol Region	53.0	81.3	72.2	39.8	62.5	66.7
VI - Western Visayas	32.8	63.1	79.2	19.5	44.6	57.1
VII - Central Visayas	65.6	69.5	82.3	61.8	66.7	76.6
VIII - Eastern Visayas	23.7	61.9	79.2	13.2	38.1	70.8
IX - Zamboanga Peninsula	20.5	73.7	52.2	11.4	68.4	52.2
X - Northern Mindanao	37.5	50.0	75.0	21.9	41.2	58.3
XI - Davao Region	42.2	50.0	83.0	31.3	47.4	70.2
XII - SOCCSKSARGEN	46.2	83.9	88.2	46.2	71.0	76.5
XIII - Caraga Region	23.1	53.3	81.8	15.4	26.7	63.6
Autonomous Region in Muslim Mindanao	37.5	100.0	100.0	37.5	75.0	100.0

Source: 2008 Survey on Information and Communication Technology (SICT); Final Results
2009 SICT; Final Results
2010 SICT; Preliminary Results
National Statistics Office

Table 2 - Concluded

Region	Percentage of Establishments Which Used the Internet for					
	Completing Forms On-line or Sending Completed Forms			Making On-line Payments to Government Corporations		
	2008 (67)	2009 (68)	2010 (69)	2008 (70)	2009 (71)	2010 (72)
PHILIPPINES	36.8	44.9	50.4	19.2	26.9	32.1
National Capital Region	43.4	49.1	53.7	24.1	30.3	33.3
Cordillera Administrative Region	36.4	20.0	22.7	18.2	6.7	9.1
I - Ilocos Region	25.8	39.3	44.4	10.6	14.3	25.0
II - Cagayan Valley	12.1	13.3	26.3	3.0	6.7	21.1
III - Central Luzon	31.3	45.0	52.6	14.9	26.3	40.8
IVA - CALABARZON	48.2	47.7	60.4	27.0	33.6	44.7
IVB - MIMAROPA	11.4	16.7	50.0	2.9	5.6	12.5
V - Bicol Region	26.5	52.1	38.9	9.6	18.8	18.5
VI - Western Visayas	10.2	26.2	27.3	3.9	12.3	16.9
VII - Central Visayas	46.5	44.8	54.8	26.1	30.5	37.9
VIII - Eastern Visayas	2.6	9.5	33.3	5.3	9.5	20.8
IX - Zamboanga Peninsula	11.4	42.1	34.8	2.3	21.1	17.4
X - Northern Mindanao	15.6	20.6	37.5	0.0	5.9	20.8
XI - Davao Region	16.9	18.4	31.9	6.0	10.5	21.3
XII - SOCCSKSARGEN	25.0	41.9	41.2	3.8	6.5	20.6
XIII - Caraga Region	15.4	13.3	27.3	0.0	0.0	13.6
Autonomous Region in Muslim Mindanao	37.5	75.0	80.0		25.0	60.0

Source: 2008 Survey on Information and Communication Technology (SICT); Final Results
2009 SICT; Final Results
2010 SICT; Preliminary Results
National Statistics Office