

Volume V : Sector Report 3
Infrastructure
URBAN SYSTEM

T A B L E S

Table 5.1 Urban Population by Region and by Province in Central Luzon

Region	Total Population		Urban Population		Portion		Annual Rate	Growth (1980-90)
	1980	1990	1980	1990	1980	1990	Total Pop.	Urban Pop.
Philippines	48,098,460	60,703,206	18,008,749	29,441,799	37%	49%	2.4%	5.0%
NCR	5,925,884	7,948,392	5,925,884	7,948,392	100%	100%	3.0%	3.0%
CAR	-	1,146,191	-	360,423	-	31%	-	-
I. Ilocos	3,540,893	3,550,642	810,117	1,342,490	23%	38%	0.0%	5.2%
II. Cagayan valley	2,215,522	2,340,545	369,754	569,450	17%	24%	0.6%	4.4%
III. Central Luzon	4,802,793	6,199,017	2,009,527	3,705,258	42%	60%	2.6%	6.3%
Bataan	323,254	425,803	143,513	317,246	44%	75%	2.8%	8.3%
Bulacan	1,096,046	1,505,219	577,578	1,202,022	53%	80%	3.2%	7.6%
Nueva Ecija	1,069,409	1,312,680	278,259	513,054	26%	39%	2.1%	6.3%
Pampanga	1,181,590	1,532,615	622,992	1,052,204	53%	69%	2.6%	5.4%
Tarlac	688,457	859,708	124,733	254,784	18%	30%	2.2%	7.4%
Zambales	444,037	562,992	262,452	365,948	59%	65%	2.4%	3.4%
IV. Southern Tagalog	6,118,620	8,263,099	2,268,828	4,160,133	37%	50%	3.1%	6.3%
V. Bicol	3,476,982	3,910,001	761,891	1,214,501	22%	31%	1.2%	4.8%
VI. Western Visayas	4,525,615	5,393,333	1,283,755	1,931,229	28%	36%	1.8%	4.2%
VII. Central Visayas	3,787,374	4,594,124	1,216,992	1,857,115	32%	40%	1.9%	4.3%
VIII. Eastern Visayas	2,799,534	3,054,490	611,200	952,389	22%	31%	0.9%	4.5%
IX. Western Mindanao	2,528,506	3,157,865	439,649	970,719	17%	31%	2.2%	8.2%
X. Northern Mindanao	2,758,985	3,509,753	748,903	1,514,157	27%	43%	2.4%	7.3%
XI. Southern Mindanao	3,346,803	4,458,829	1,133,338	2,108,693	34%	47%	2.9%	6.4%
XII. Central Mindanao	2,270,949	3,171,713	428,911	802,305	19%	25%	3.4%	6.5%

Table 5.2 Urban Population by Municipality or City (1/4)

Province & Municipality/Cities	Population		Annual Ave. Pop. Growth Rate (%)	Urban Population	Urbanization Rate (%)	Economic Activities	
	1980	1990				Enterprises No.	Employees
Bataan	723,254	425,807	2.79	317,529	75	394	33,237
Abucay	22,692	26,708	1.64	20,024	75	206	519
Bagac	13,109	18,241	3.36	8,950	49	148	459
Balanga (Capital)	39,132	51,512	2.79	37,348	73	1,023	5,464
Dinalupihan	41,415	58,172	3.46	58,158	100	387	1,149
Hermosa	25,672	34,633	3.04	19,952	58	177	618
Limay	24,281	32,629	3.00	27,287	84	238	1,676
Mariveles	48,594	60,761	2.26	46,737	77	707	19,205
Morong	10,637	17,155	4.90	4,715	27	179	395
Orani	33,083	43,494	2.77	28,250	65	441	2,025
Orion	28,049	35,263	2.32	29,465	84	218	742
Pilar	18,549	25,244	3.13	19,580	78	122	475
Samal	18,041	21,991	2.00	17,062	78	96	510
Bulacan	1,096,046	1,505,219	3.22	1,199,906	80	8316	78,870
Angat	24,844	34,494	3.34	17,600	51	209	1,328
Balagtas	28,654	42,658	4.06	42,592	100	247	2,210
Baliuag	70,555	89,719	2.43	89,622	100	457	4,359
Bocaue	49,693	67,243	3.07	67,046	100	369	3,474
Bulacan	34,920	48,770	3.40	43,056	88	198	1,804
Bustos	25,739	34,965	3.11	20,487	59	270	1,523
Calumpit	45,454	59,042	2.65	59,002	100	414	2,344
Dona Remedios Trinidad	4,759	8,614	6.11	0	0	4	11
Guiguinto	27,751	44,532	4.84	44,382	100	225	2,520
Hagonoy	73,176	90,212	2.12	77,310	86	407	1,606
Malolos (Capital)	95,699	125,178	2.72	124,634	100	1,166	6,751
Marilao	35,069	56,361	4.86	56,117	100	273	19,801
Meycauayan	83,579	123,982	4.02	123,816	100	1,043	9,049
Norzagaray	26,032	33,485	2.55	18,372	55	89	1,391
Obando	39,618	46,346	1.58	25,611	55	150	1,337
Pandi	22,679	32,648	3.71	32,630	100	78	608
Paombong	26,267	32,052	2.01	19,303	60	102	328
Plaridel	39,121	52,954	3.07	52,927	100	625	2,308
Pulilan	38,110	48,199	2.38	48,184	100	336	2,213
San Ildefonso	44,931	59,598	2.87	14,776	25	109	1,573

Table 5.2 Urban Population by Municipality or City (2/4)

Province & Municipality/Cities	Population		Annual Ave. Pop. Growth Rate (%)		Urban Population	Urbanization Rate (%)	Economic Activities	
	1980	1990	1990	1990			Enterprises No.	Employees
San Jose del Monte	90,732	142,047	4.58		92,150	65	400	3,143
San Miguel	73,113	91,124	2.23		17,978	20	398	2,844
San Rafael	36,803	49,528	3.01		21,036	42	103	1,911
Sta. Maria	58,748	91,468	4.53		91,295	100	644	4,434
Nueva Ecija	1,069,409	1,312,680	2.07		511,549	39	10,146	38,136
Altaga	32,349	40,425	2.25		4,983	12	93	246
Bongabon	32,451	39,616	2.02		18,758	47	252	949
Cabanatuan City	138,298	173,065	2.27		134,694	78	2,726	11,734
Cabiao	37,922	48,850	2.56		12,520	26	278	767
Carranglan	19,891	26,064	2.74		8,734	34	42	141
Cuyapo	39,654	43,103	0.84		6,735	16	207	518
Gabaldon	17,169	21,744	2.39		16,377	75	72	268
Garjan	60,014	70,489	1.62		42,192	60	756	3,351
Gen. M. Natividad	17,388	21,984	2.37		4,159	19	190	613
Gen. Timio	23,406	29,491	2.34		17,562	60	140	397
Guimba	58,847	73,363	2.25		23,173	32	550	1,703
Jaen	39,064	47,346	1.94		5,293	11	184	614
Laur	17,729	21,464	1.93		6,729	31	108	374
Licab	14,543	17,202	1.69		5,084	30	114	313
Lianera	18,652	23,285	2.24		2,090	9	104	215
Lupao	23,050	27,481	1.77		5,995	22	122	345
Munoz	43,211	50,356	1.54		8,932	18	387	1,870
Nampicuan	7,597	8,426	1.04		2,681	32	10	47
Palayan City (Capital)	14,959	20,393	3.15		9,882	48	86	415
Pantabangan	13,916	18,341	2.80		4,543	25	36	159
Penaranda	16,753	20,500	2.04		5,263	26	105	505
Quezon	20,846	25,574	2.07		11,574	46	170	396
Rizal	31,407	38,970	2.18		18,376	47	208	640
San Antonio	42,969	51,815	1.89		5,118	10	203	716
San Isidro	28,550	34,349	1.87		5,684	17	193	1,183
San Jose City	64,254	82,836	2.57		30,644	37	1,336	4,195
San Leonardo	34,706	39,740	1.36		18,635	47	191	710
Sta. Rosa	32,424	40,439	2.23		20,289	50	273	1,209
Sto. Domingo	29,013	35,864	2.14		13,811	39	270	801

Table 5.2 Urban Population by Municipality or City (3/4)

Province & Municipality/Cities	Population		Annual Ave. Pop. Growth Rate (%)	Urban Population	Urbanization Rate (%)	Economic Activities	
	1980	1990				Enterprises No.	Employees
Talavera	62,225	77,256	2.19	25,103	32	536	2,058
Talugog	11,734	14,106	1.86	4,377	31	70	181
Zaragoza	24,418	28,743	1.64	11,459	40	134	497
Pampanga	1,181,590	1,532,615	2.64	1,079,806	70	8958	51441
Angles City	188,834	236,686	2.28	256,063	100	2576	15686
Apalit	48,253	62,373	2.60	62,373	100	322	1176
Arayat	56,742	73,189	2.58	15,691	21	132	781
Bacolor	50,942	67,259	2.82	49,560	74	142	814
Candaba	52,945	68,145	2.56	23,072	34	170	523
Floridablanca	51,648	66,146	2.50	9,707	15	241	1629
Gungua	72,609	88,290	1.97	88,242	100	860	4464
Lubao	77,502	99,705	2.55	43,309	43	220	1216
Mabalacat	80,966	121,115	4.11	110,500	91	1158	5187
Macabebe	45,830	55,505	1.93	55,486	100	166	820
Magulang	34,840	43,940	2.35	18,965	43	214	1050
Masantol	35,350	41,964	1.73	12,486	30	152	448
Mexico	53,491	69,546	2.66	33,626	48	156	1091
Minalin	27,414	34,795	2.41	34,794	100	61	319
Porac	50,906	68,215	2.97	28,756	42	67	505
San Fernando (Capital)	110,891	157,851	3.59	156,891	99	1891	15750
San Luis	25,701	31,920	2.19	18,342	57	52	296
San Simon	23,518	30,678	2.69	7,709	25	42	352
Santa Ana	25,361	32,540	2.52	16,234	50	75	269
Santa Rita	24,995	28,296	1.25	22,008	78	49	264
Sio. Tomas	24,951	33,309	2.93	33,267	100	300	1703
Sevmoan	17,901	21,148	1.68	2,725	13	12	98
Tarlac	618,457	859,708	2.25	256,594	30	634	3734
Anao	6,519	7,955	2.01	354	4	17	53
Bamban	26,072	35,639	3.18	20,620	58	134	514
Camiling	53,860	62,773	1.54	19,672	31	669	2230
Capas	46,523	61,205	2.78	16,238	27	257	985

Table 5.2 Urban Population by Municipality or City (4/4)

Province & Municipalities/Cities	Population		Annual Ave. Pop. Growth Rate (%)	Urban Population	Urbanization Rate (%)	Economic Activities	
	1980	1990				Enterprises No.	Employees
Concepcion	80,647	103,146	2.49	14,683	14	649	1784
Gerona	50,433	59,486	1.66	18,431	31	327	1115
La Paz	35,330	41,946	1.75	8,191	20	186	373
Mayantoc	17,135	21,170	2.14	4,801	23	136	387
Moncada	34,451	41,672	1.92	8,792	21	214	558
Paniqui	55,006	64,949	1.68	16,346	25	650	2734
Pura	14,801	18,032	1.99	7,862	44	74	206
Ramos	11,215	13,566	1.92	4,015	30	36	75
San Clemente	7,117	8,873	2.23	2,509	28	47	144
San Jose 1)	-	20,483	-	5,100	25	29	43
San Manuel	13,491	17,261	2.49	4,433	26	37	151
San Ignacio	25,224	30,470	1.91	13,209	43	196	522
Tarlac (Capital)	175,691	208,722	1.74	78,595	38	225	2467
Victoria	34,942	42,360	1.94	12,743	30	241	593
Zambales	444,037	562,992	2.40	865,690	65	4586	24808
Botolan	27,125	35,604	2.76	3,282	9	89	440
Cabangan	11,636	15,337	2.80	3,079	20	47	147
Candelaria	15,686	18,539	1.69	3,375	18	96	285
Castillejos	19,154	26,733	3.40	21,354	80	81	465
Iba (Capital)	22,791	29,221	2.52	9,769	33	447	1715
Masinloc	27,735	32,375	1.56	14,886	46	210	1390
Olongapo City	156,430	193,327	2.14	192,629	100	2355	12670
Palauig	17,176	21,577	2.31	2,339	11	102	461
San Antonio	22,382	26,944	1.87	19,989	74	236	732
San Felipe	13,834	15,624	1.22	13,497	86	122	338
San Marcelino	24,964	36,598	3.90	22,730	62	141	2583
San Narciso	19,119	22,891	1.82	13,256	58	93	315
Sta. Cruz	35,665	41,273	1.47	9,872	24	266	1309
Subic	30,340	46,929	4.46	36,633	78	301	1958
Region III	4,802,793	6,188,716	2.57	3,731,073	60	42,082	266,920
Philippine	48,098,000	60,685,000		29,426,025			

Note : * Data in 1988

6,199,017

1) Created into municipality in 1990 taken from Tarlac, Tarlac.

Sources : Department of Finance, Manila, July 1991; 1990 Census of Population and Housing.

Table 5.3 Service Level of Utilities by Municipality (1/3)

Province & Municipalities/Cities	Own use Piped supply Rate(%)	Shared Piped supply Rate(%)	Total Piped supply	Garbage Picked up	Electric Lightning	Own use Water-tiolet
Bataan	(31.1)	(24.6)	(55.7)	14.8	76.1	43.1
Abucay	5 (24.5)	(39.8)	(64.3)	0.4	85.5	51.6
Bagac	5 (14.2)	(33.3)	(47.6)	5.9	62.1	48.8
Balanga (Capital)	3 (35.9)	(23.3)	(59.2)	19.2	84.5	53.9
Dinalupihan	4 (8.4)	(19.3)	(27.7)	7.9	70.6	27.3
Hermosa	5 (19.7)	(32.2)	(51.9)	0.6	68.1	32.1
Limay	3 (36.7)	(31.4)	(68.0)	2.1	78.1	49.9
Mariveles	3 (63.7)	(16.1)	(79.8)	34.3	78.9	55.0
Morong	5 (12.8)	(21.4)	(34.2)	3.4	56.0	19.1
Orani	4 (32.1)	(18.2)	(50.3)	35.5	79.8	50.2
Orion	5 (24.1)	(31.9)	(56.1)	19.2	77.8	39.2
Pilar	5 (23.2)	(28.9)	(52.2)	-	74.7	30.1
Samal	5 (34.3)	(21.1)	(55.4)	1.2	78.2	35.5
			(0.0)			
Bulacan	(27.0)	(21.4)	(48.5)	8.7	90.9	50.7
Angat	5 (20.6)	(29.0)	(49.6)	1.3	86.2	44.6
Balagtas	4 (39.0)	(31.5)	(70.5)	4.1	95.0	61.8
Baliuag	3 (17.4)	(11.9)	(29.4)	5.5	92.5	47.0
Bocaue	3 (46.1)	(35.4)	(81.5)	33.0	94.1	61.8
Bulacan	4 (34.7)	(31.3)	(66.0)	0.5	93.8	50.7
Bustos	5 (19.1)	(10.7)	(29.8)	1.1	91.2	44.3
Calumpit	4 (21.8)	(24.6)	(46.4)	1.7	91.4	41.7
Dona Remedios Trinidad	6 (3.2)	(2.1)	(5.3)	0.3	28.4	4.6
Guiguinto	5 (22.5)	(13.3)	(35.8)	1.1	94.4	46.1
Hagonoy	3 (48.4)	(23.7)	(72.1)	4.6	93.9	44.1
Malolos (Capital)	3 (29.9)	(17.4)	(47.4)	11.7	94.2	57.1
Marilao	3 (38.8)	(21.2)	(60.0)	14.2	93.0	57.4
Meycauayan	2 (31.9)	(19.5)	(51.4)	30.6	95.4	66.2
Norzagaray	4 (31.4)	(23.1)	(54.5)	21.7	86.7	37.9
Obando	4 (26.7)	(40.0)	(66.7)	11.2	97.5	69.5
Pandi	5 (25.2)	(12.6)	(37.9)	3.3	94.9	57.0
Paombong	4 (14.7)	(34.0)	(48.7)	2.6	91.0	48.8
Plaridel	4 (28.5)	(17.0)	(45.4)	2.4	92.6	61.2
Pulilan	5 (14.0)	(8.7)	(22.8)	0.7	91.8	36.5
San Ildefonso	4 (13.4)	(16.6)	(30.0)	2.2	76.5	21.3
San Jose del Monte	3 (24.4)	(25.2)	(49.6)	4.1	86.5	57.4
San Miguel	3 (19.0)	(22.0)	(41.0)	3.4	81.9	27.4
San Rafael	4 (17.2)	(17.2)	(34.4)	1.1	88.8	46.6
Sta. Maria	3 (21.3)	(18.5)	(39.8)	5.4	93.8	56.1
			(0.0)			
Nueva Ecija	(15.5)	(9.7)	(25.2)	5.2	67.4	31.8
Aliaga	5 (8.6)	(13.6)	(22.1)	1.0	64.5	22.4
Bongabon	5 (11.1)	(2.5)	(13.6)	1.7	78.5	33.4
Cabanatuan City	1 (36.3)	(12.4)	(48.7)	25.2	84.3	47.0
Cabiao	5 (15.0)	(15.3)	(30.3)	3.8	80.2	37.6
Carranglan	5 (3.0)	(7.6)	(10.6)	0.5	22.0	9.7

Table 5.3 Service Level of Utilities by Municipality (2/3)

Province & Municipalities/Cities	Own use Piped supply Rate(%)	Shared Piped supply Rate(%)	Total Piped supply	Garbage Picked up	Electric Lightning	Own use Water-tiolet	
Cuyapo	4	(12.4)	(12.9)	(25.3)	0.3	38.1	13.1
Gabaldon	5	(24.6)	(20.7)	(45.2)	-	62.1	23.7
Gapan	3	(23.9)	(15.9)	(39.7)	2.6	80.0	39.1
Gen. M. Natividad	5	(7.3)	(6.0)	(13.3)	0.7	62.6	25.3
Gen. Tinio	5	(25.6)	(24.0)	(49.6)	2.1	82.9	43.3
Guimba	4	(9.5)	(8.3)	(17.8)	0.9	42.8	30.5
Jaen	5	(6.0)	(3.9)	(9.9)	1.2	74.6	21.8
Laur	5	(4.7)	(10.3)	(14.9)	1.3	57.8	27.3
Licab	6	(4.2)	(6.9)	(11.0)	0.6	54.3	24.3
Llanera	5	(4.8)	(4.2)	(9.0)	0.5	57.4	23.8
Lupao	5	(9.8)	(10.4)	(20.2)	0.6	43.6	21.6
Munoz	4	(7.3)	(4.5)	(11.8)	4.0	59.9	33.1
Nampicuan	6	(2.2)	(3.8)	(6.1)	0.5	37.2	9.7
Palayan City (Capital)	6	(3.1)	(17.4)	(20.5)	3.4	57.2	13.2
Pantabangan	5	(32.6)	(6.3)	(38.9)	2.2	56.6	15.7
Penaranda	5	(20.4)	(20.2)	(40.7)	0.6	88.1	33.8
Quezon	5	(8.0)	(2.9)	(10.9)	1.0	69.8	29.6
Rizal	5	(10.1)	(5.4)	(15.5)	1.1	65.9	30.4
San Antonio	5	(11.4)	(6.4)	(17.8)	0.7	79.6	28.3
San Isidro	5	(16.2)	(14.6)	(30.8)	0.5	83.2	36.3
San Jose City	3	(20.4)	(9.2)	(29.6)	11.5	63.8	36.2
San Leonardo	5	(9.9)	(10.5)	(20.4)	1.3	84.4	44.9
Sta. Rosa	5	(6.5)	(3.9)	(10.4)	0.3	74.3	31.7
Sto. Domingo	5	(12.0)	(6.1)	(18.0)	1.1	54.6	24.5
Talavera	4	(12.2)	(5.6)	(17.8)	2.0	73.4	36.1
Talugtog	6	(4.1)	(8.0)	(12.1)	-	23.7	9.3
Zaragosa	5	(13.2)	(7.6)	(20.8)	1.3	74.9	31.8
Pampanga		(27.5)	(13.8)	(41.3)	14.8	88.6	40.9
Angeles City	1	(43.5)	(16.5)	(60.0)	49.6	94.4	49.2
Apalit	4	(15.7)	(16.5)	(32.2)	2.2	88.5	47.5
Arayat	5	(21.4)	(11.6)	(32.9)	0.7	83.4	34.7
Bacolor	4	(25.3)	(10.8)	(36.1)	3.0	86.9	46.8
Candaba		(12.9)	(8.5)	(21.3)	0.9	84.4	26.6
Floridablanca	4	(22.7)	(9.1)	(31.8)	2.1	78.9	49.5
Guagua	3	(40.7)	(13.2)	(53.9)	17.3	85.9	50.7
Lubao	4	(12.0)	(16.1)	(28.0)	1.8	86.6	22.1
Mabalacat	3	(36.3)	(13.1)	(49.3)	28.2	90.7	47.5
Macabebe	4	(24.7)	(20.7)	(45.4)	2.6	89.0	31.9
Magalang	5	(21.3)	(7.4)	(28.7)	6.2	82.6	39.9
Masantol	4	(11.2)	(19.7)	(31.0)	11.9	83.7	25.2
Mexico	5	(9.3)	(9.4)	(18.7)	2.3	91.3	26.2
Minalin	5	(8.8)	(14.9)	(23.6)	1.8	86.8	26.0
Porac	3	(8.7)	(9.5)	(18.2)	6.5	86.2	36.3
San Fernando (Capital)	1	(51.7)	(10.7)	(62.4)	12.7	93.0	51.1
San Luis	5	(7.2)	(12.3)	(19.5)	0.6	83.5	24.1

Table 5.3 Service Level of Utilities by Municipality (3/3)

Province & Municipalities/Cities		Own use Piped supply Rate(%)	Shared Piped supply Rate(%)	Total Piped supply	Garbage Picked up	Electric Lightning	Own use Water-tiolet
San Simon	5	(18.9)	(21.0)	(39.9)	0.9	84.7	38.2
Santa Ana	5	(7.1)	(5.1)	(12.2)	1.2	86.4	35.0
Santa Rita	5	(9.3)	(10.3)	(19.6)	0.6	90.6	40.0
Sto. Tomas	5	(20.2)	(30.0)	(50.2)	1.2	90.7	52.5
Sexmoan	5	(27.7)	(30.4)	(58.0)	1.1	87.5	20.0
				(0.0)			
Tarlac		(15.7)	(8.2)	(23.9)	5.4	64.3	27.4
Anao	6	(28.0)	(10.7)	(38.7)	0.6	67.4	61.4
Bamban	5	(6.0)	(3.0)	(9.0)	6.8	84.3	30.4
Camiling	3	(13.9)	(7.0)	(20.9)	5.8	46.0	30.5
Capas	4	(6.6)	(6.3)	(12.9)	5.0	84.5	28.2
Concepcion	3	(15.0)	(4.8)	(19.8)	3.7	87.2	25.9
Gerona	4	(7.7)	(3.2)	(10.9)	1.9	52.0	26.1
La Paz	5	(12.8)	(9.4)	(22.2)	1.7	75.0	19.2
Mayantoc	5	(9.0)	(10.9)	(19.9)	2.1	37.2	34.5
Moncada	4	(16.5)	(10.3)	(26.8)	0.9	54.2	17.5
Paniqui	3	(20.9)	(17.7)	(38.6)	2.1	61.9	26.5
Pura	5	(5.1)	(15.8)	(20.9)	2.1	52.0	23.2
Ramos	6	(6.3)	(24.2)	(30.5)	-	57.4	31.7
San Clemente	6	(0.0)	(1.1)	(1.1)	-	43.4	43.5
San Jose ¹⁾	3	(8.2)	(6.2)	(14.5)	2.6	9.4	9.8
San Manuel	5	(11.2)	(14.2)	(25.4)	1.2	56.6	12.7
Sta. Ignacia	5	(4.9)	(3.5)	(8.4)	0.5	35.5	30.6
Tarlac (Capital)	1	(29.9)	(7.8)	(37.8)	13.6	75.8	33.5
Victoria	5	(5.6)	(11.2)	(16.9)	2.0	48.8	13.2
				(0.0)			
Zambales		(31.8)	(16.0)	(47.8)	31.1	73.4	42.1
Botolan	5	(16.5)	(7.1)	(23.7)	0.3	53.0	24.8
Cabangau	5	(7.9)	(3.4)	(11.3)	-	64.2	37.4
Candelaria	5	(15.5)	(8.0)	(23.5)	0.6	70.6	32.4
Castillejos	5	(5.8)	(1.9)	(7.7)	1.0	68.6	34.6
Iba (Capital)	5	(10.5)	(1.7)	(12.3)	8.7	79.9	36.9
Masinloc	4	(31.4)	(19.6)	(51.0)	9.0	71.3	25.1
Olongapo City	1	(56.7)	(25.5)	(82.2)	76.9	78.3	58.6
Palauig	5	(5.0)	(7.7)	(12.7)	0.3	67.9	20.1
San Antonio	5	(19.4)	(7.0)	(26.4)	4.7	77.4	38.9
San Felipe	5	(23.0)	(4.3)	(27.3)	1.6	80.2	49.9
San Marcelino	4	(7.8)	(12.5)	(20.3)	10.5	72.2	38.5
San Narciso	5	(8.0)	(4.9)	(12.9)	2.3	78.2	21.6
Sta. Cruz	3	(14.5)	(13.2)	(27.8)	2.4	70.2	25.7
Subic	4	(39.0)	(25.1)	(64.1)	6.8	69.1	37.8
Region III		(23.9)	(15.0)	(38.9)	(19.1)	(21.0)	(15.9)
Philippine							

1) Created into municipality in 1990 taken from Tarlac, Tarlac.

1990 Census of Population and Housing.

Table 5.4 Housing Need during 1993 - 1998

(unit: thousand)

New Housing Needs	Total Housing Need	NCR	Large Cities	Other Urban Area	Total Urban	Rural
New Growth	1,496	265	139	450	854	642
Double-up	444	161	32	134	327	117
Relocation	422	171	75	176	422	
Homeless	7	2	1	3	6	1
Upgrading Need	1,355	291	178	886	1,355	
Grand Total	3,724	890	425	1,649	2,964	760

Table 5.5 Characterization of Urban Centers in Upper Tiers of Urban Hierarchy for Central Luzon.

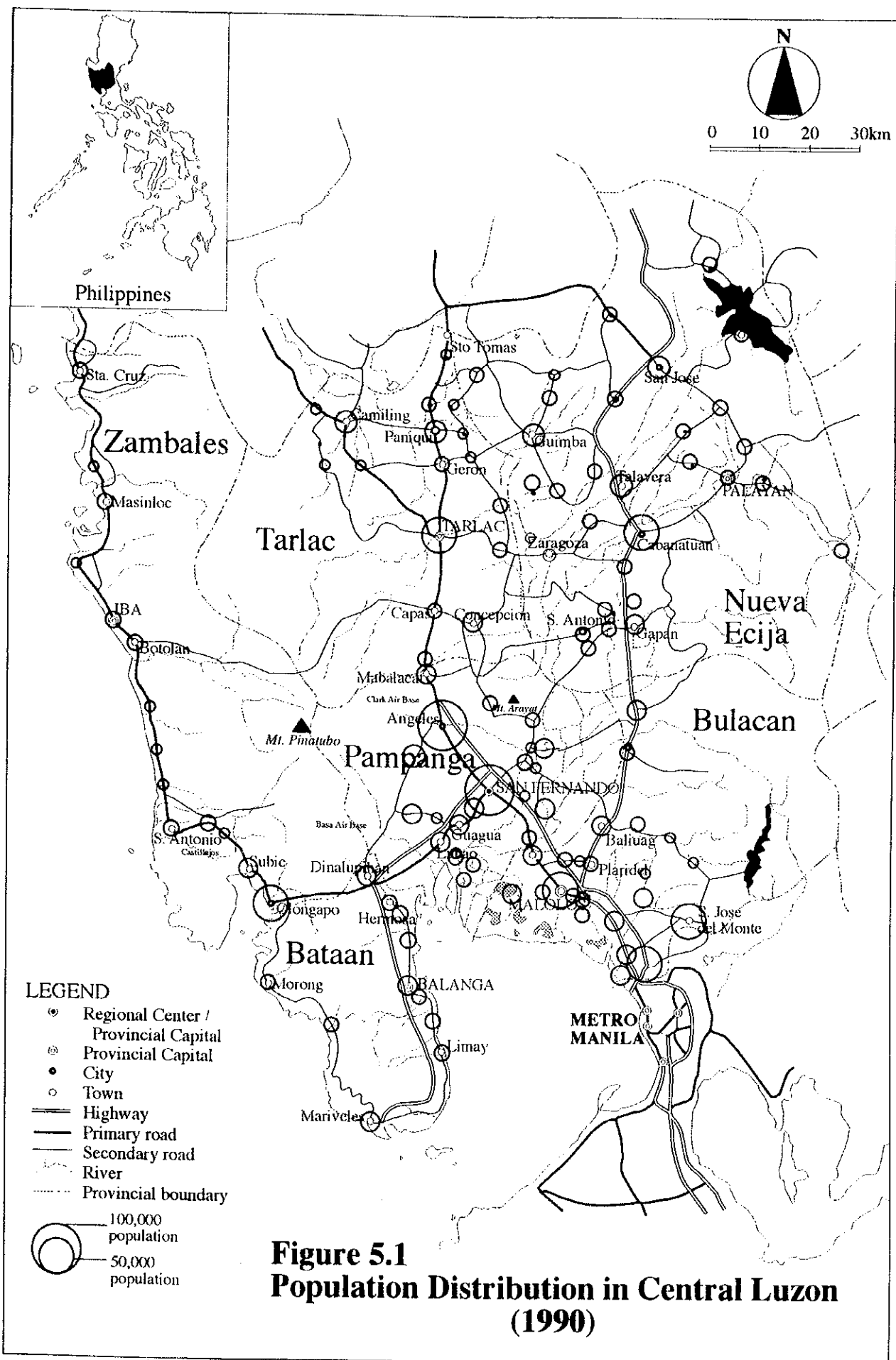
Hierarchy	Urban Center	Characteristics/Functions
Regional Center	San Fernando	Regional and Provincial administration, industrial area with food & beverage, furniture & fixture etc., regional distribution center.
Sub-Regional Centers	Cabanatuan City	Primary trade center, education center with higher education institutes.
	Olongapo City	International trade and communication centers, industrial area with light industries, secondary tourism center.
	Malolos	Provincial administration, financial center, cultural and secondary tourism center.
Major Urban Centers	Angeles City	International trade center, industrial center with footloose industries.
	Tarlac	Provincial administration, agro-industrial center, agricultural distribution center.
	Palayan City	Provincial administration, orchard city, agro-processing center, gateway to Aurora.
	San Jose City	Secondary trade center, gateway to Cagayan Valley.
	Gapan	Secondary trade center
	Dinalupihan	Non-industrial services center, secondary trade center.
	Balanga	Provincial administration, agricultural distribution center.
	Marives	Agro-Industrial Growth Center (designated).
	Iba	Provincial administration, coastal tourism and fishery center.
	Baliuag	Agro-processing center
Meycauayan	Food processing center	

Table 5.6 Projected Population in 2010 by Municipality and Province and Comparison with 1990 Population

Province/Municipality	1990		2010	
	Urban	Rural	Urban	Rural
Bataan	317,528	108,275	685,000	114,000
Dinalupihan	58,158	14	140,000	0
Balanga	37,348	14,164	90,000	16,000
Mariveles	46,737	14,024	113,000	15,000
Hermosa	19,952	14,681	48,000	15,000
Morong	4,715	12,440	11,000	12,000
Limay	27,287	5,342	60,000	6,000
Bulacan	1,199,906	305,313	2,445,000	271,000
Malolos	124,634	544	301,000	0
Baliuag	89,622	97	178,000	0
Meycauayan	1,213,816	166	271,000	0
San Miguel	17,978	73,146	48,000	62,000
Norzagaray	18,372	15,113	40,000	13,000
Nueva Ecija	511,549	801,131	1,118,000	800,000
Cabanatuan City	134,694	38,371	325,000	38,371
Palayan City	9,882	10,511	26,000	10,511
San Jose City	30,644	52,192	81,000	52,000
Gapan	42,192	28,297	102,000	28,000
Gabaldon	16,377	5,367	33,000	5,000
Zaragoza	11,549	17,284	25,000	17,000
Guimba	23,173	50,190	61,000	50,190
Cabiao	12,520	36,330	27,000	36,330
Gen. Tinio	17,562	11,929	38,000	11,929
Pampanga	1,079,796	452,818	2,356,000	427,000
San Fernando	156,891	960	416,000	0
Angeles City	236,062	623	569,000	0
Lubao	43,309	56,396	95,000	51,000
Apalit	62,373	0	124,000	0
Mabalacat	110,500	10,615	242,000	9,000
Magalang	18,965	24,975	42,000	22,000
Tarlac	256,594	603,114	596,000	670,000
Tarlac	78,595	130,127	209,000	156,000
Camiling	19,672	43,101	47,000	47,000
Paniqui	16,346	48,603	39,000	53,000
Concepcion	14,683	88,463	35,000	97,000
Capaz	16,238	44,967	39,000	45,000
Victoria	12,743	29,617	31,000	30,000
Zambales	366,690	196,302	832,000	186,000
Olongapo City	192,629	698	465,000	0
Iba	9,769	19,452	26,000	18,000
Sta. Cruz	9,872	31,401	22,000	31,000
Masinloc	14,886	17,489	33,000	16,000
San Felipe	13,497	2,127	27,000	2,000
San Marcelino	22,730	13,868	50,000	12,000
Central Luzon	3,732,063	2,466,953	8,033,000	2,468,000

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FIGURES



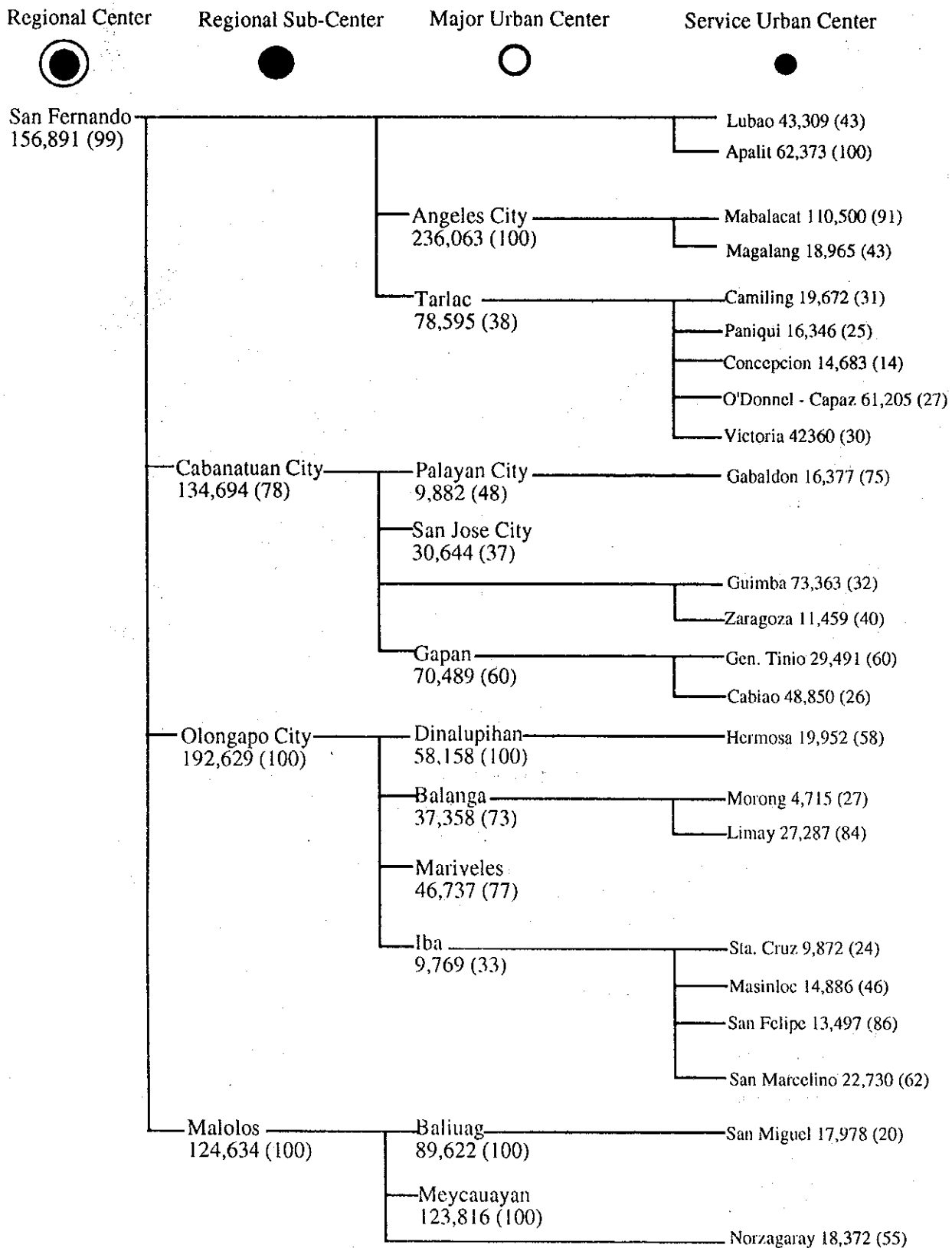


Figure 5.2 Proposed Hierarchy of Urban Centers in Central Luzon

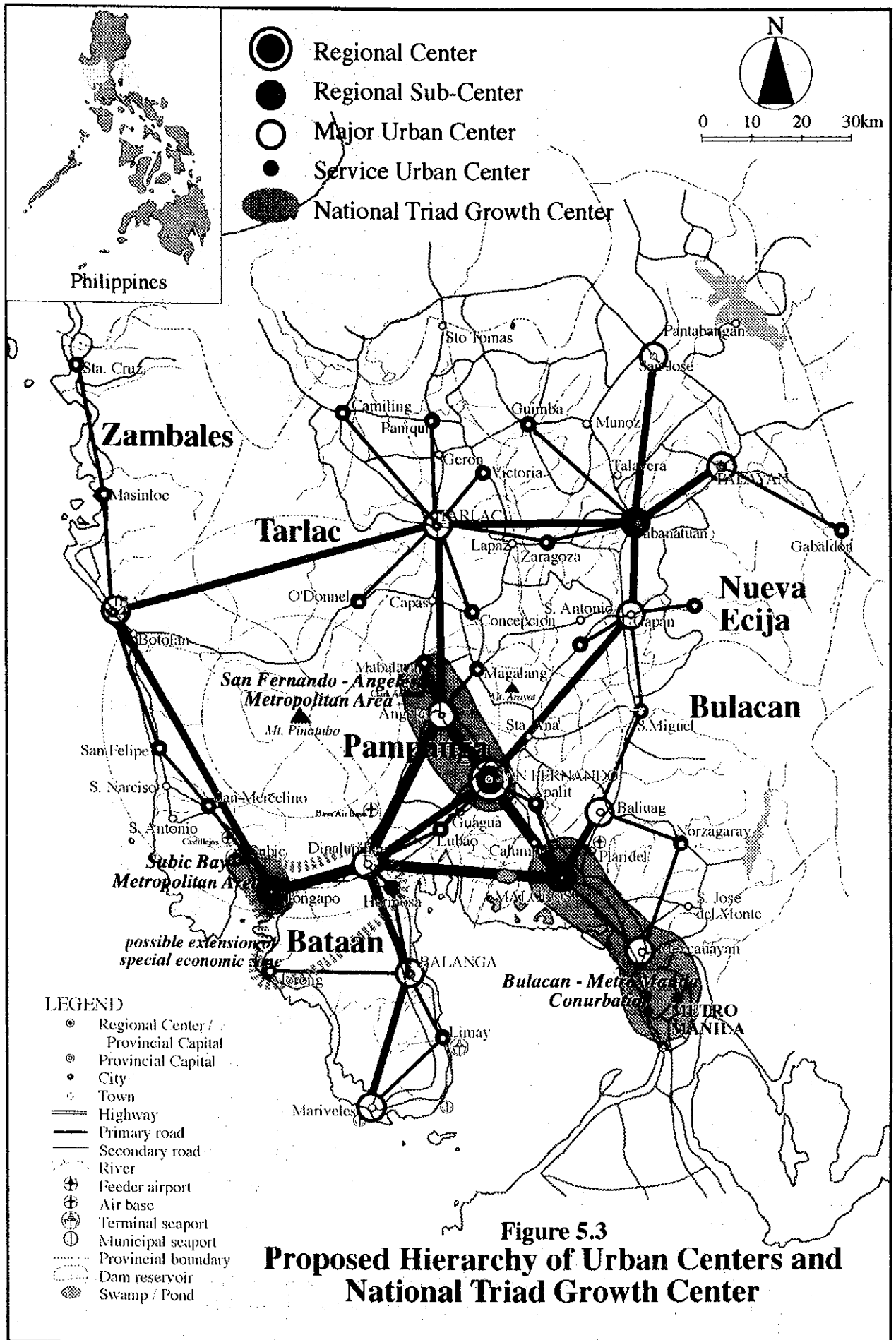
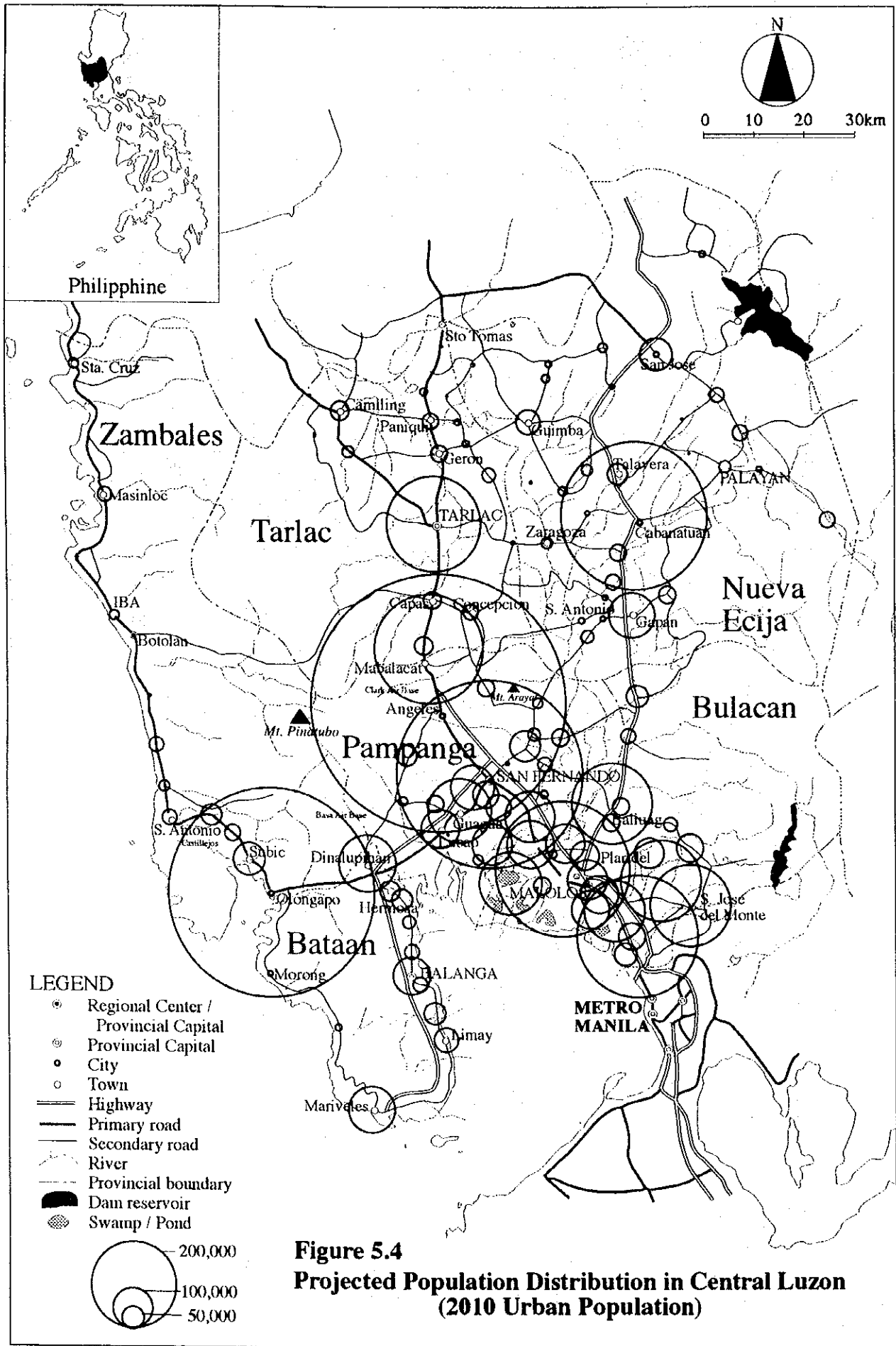


Figure 5.3
Proposed Hierarchy of Urban Centers and
National Triad Growth Center



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