

Appendix 7.2.1 POTENTIAL AGRICULTURAL PRODUCTION ESTIMATE BY REGION AND PROVINCE (1/6)
CAR

Item	GVA Ratio	Price (P) Unit Amount	Potential Yield (t/ha)	ABRA			BENGUET			IPIGUAO		
				Harvested Area (ha)	Pro-duction (t)	Potential GVA ('000 P)	Harvested Area (ha)	Pro-duction (t)	Potential GVA ('000 P)	Harvested Area (ha)	Pro-duction (t)	Potential GVA ('000 P)
I. Crops	/ton			1,490,898	4,640,897		1,118,854	3,671,357		622,549	2,961,399	
1. Palay												
- Irrigated	0.7973	4,720	5.0	16,000	80,000	301,060	9,500	47,500	178,755	9,380	46,900	176,497
- Rainfed	0.7973	4,720	3.5	3,720	13,020	48,998	2,000	7,000	26,343	1,980	6,930	26,079
2. Corn	0.8269	4,070	3.5	10,580	37,030	124,624	3,050	10,675	35,927	6,710	23,485	79,038
3. Tomato	0.7661	5,230	15.0	350	5,250	21,035	190	2,850	11,419	30	450	1,803
4. Eggplant	0.7661	6,600	11.0	620	6,820	34,484	20	220	1,112	70	770	3,893
5. Onion	0.7661	18,450	15.0	0	0	0	0	0	0	0	0	0
6. Cabbage	0.7661	5,250	15.0	0	0	0	5,510	82,650	332,420	90	1,350	5,430
7. Mongo	0.7661	13,350	1.2	0	0	0	0	0	0	220	264	2,700
8. Garlic	0.7661	22,500	8.0	0	0	0	0	0	0	20	160	2,758
9. Cassava	0.7661	2,790	10.0	70	700	1,496	270	2,700	5,771	40	400	855
10. Camote	0.7661	3,550	12.0	660	7,920	21,540	5,640	67,680	184,066	3,760	45,120	122,711
11. Peanut	0.7661	10,340	1.4	0	0	0	30	42	333	950	1,330	10,536
12. Tobacco	0.7661	23,190	1.5	18,530	27,795	493,802	0	0	0	190	285	5,063
13. Calamansi	0.7661	8,400	6.0	950	5,700	36,681	300	1,800	11,583	270	1,620	10,425
14. Coconut	0.9385	2,200	7.0	6,220	43,540	89,897	250	1,750	3,613	220	1,540	3,180
15. Banana	0.7309	2,500	13.0	61,950	805,350	1,471,576	40,910	531,830	971,786	18,760	243,880	445,630
16. Pineapple	0.7661	8,830	16.0	440	7,040	47,623	2,170	34,720	234,869	220	3,520	23,812
17. Mango	0.7661	9,670	10.0	9,490	94,900	703,037	2,030	20,300	150,386	350	3,500	25,929
18. Coffee	0.7661	17,850	2.0	4,750	9,500	129,911	23,900	47,800	653,660	48,690	97,380	1,331,660
19. Cacao	0.7661	25,280	2.0	1,140	2,280	44,157	570	1,140	22,078	0	0	0
20. Others					344,053	1,070,976		258,197	847,236		143,665	683,400
				GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)	GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)	GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)
II. Livestock				48,935	3.16	124,440	257,179	3.31	683,135	46,892	3.15	118,898
III. Fishery Product				969	3.16	2,464	1,391	3.31	3,695	1,513	3.15	3,836
IV. Forestry				41,537	936	41,537	13,999	13,986	13,999	34,248	1,881	34,248
Total				23,425	7,895	19,314	1,522,087	4,809,338	1,170,270	4,372,186	656,222	3,118,381

Item	GVA Ratio	Price (P) Unit Amount	Potential Yield (t/ha)	KALINGA APAYAO			MT. PROVINCE			TOTAL		
				Harvested Area (ha)	Pro-duction (t)	Potential GVA ('000 P)	Harvested Area (ha)	Pro-duction (t)	Potential GVA ('000 P)	Harvested Area (ha)	Pro-duction (t)	Potential GVA ('000 P)
I. Crops	/ton			1,324,749	6,625,519		457,298	2,075,347		5,014,348	19,974,519	
1. Palay												
- Irrigated	0.7973	4,720	5.0	23,100	115,500	434,656	7,780	38,900	146,391	65,760	328,800	1,237,359
- Rainfed	0.7973	4,720	3.5	5,670	19,845	74,682	1,740	6,090	22,918	15,110	52,885	199,020
2. Corn	0.8269	4,070	3.5	15,070	52,745	177,512	3,740	13,090	44,054	39,150	137,025	461,155
3. Tomato	0.7661	5,230	15.0	1,140	17,100	68,515	100	1,500	6,010	1,810	27,150	108,782
4. Eggplant	0.7661	6,600	11.0	1,250	13,750	69,524	90	990	5,006	2,050	22,550	114,019
5. Onion	0.7661	18,450	15.0	140	2,100	29,683	0	0	0	140	2,100	29,683
6. Cabbage	0.7661	5,250	15.0	170	2,550	10,256	1,430	21,450	86,272	7,200	108,000	434,378
7. Mongo	0.7661	13,350	1.2	4,670	5,604	57,315	120	144	1,473	5,010	6,012	61,488
8. Garlic	0.7661	22,500	8.0	100	800	13,790	0	0	0	120	960	16,548
9. Cassava	0.7661	2,790	10.0	2,230	22,300	47,664	210	2,100	4,489	2,820	28,200	60,275
10. Camote	0.7661	3,550	12.0	3,810	45,720	124,343	4,810	57,720	156,978	18,680	224,160	609,638
11. Peanut	0.7661	10,340	1.4	510	714	5,656	210	294	2,329	1,700	2,380	18,854
12. Tobacco	0.7661	23,190	1.5	1,380	2,070	36,775	260	390	6,929	20,360	30,540	542,569
13. Calamansi	0.7661	8,400	6.0	1,100	6,600	42,473	0	0	0	2,620	15,720	101,162
14. Coconut	0.9385	2,200	7.0	4,330	30,310	62,581	1,460	10,220	21,101	12,480	87,360	180,372
15. Banana	0.7309	2,500	13.0	32,590	423,670	774,151	10,180	132,340	241,818	164,390	2,137,070	3,904,961
16. Pineapple	0.7661	8,830	16.0	660	10,560	71,435	60	960	6,494	3,550	56,800	384,233
17. Mango	0.7661	9,670	10.0	6,120	61,200	453,381	840	8,400	62,229	18,830	188,300	1,394,962
18. Coffee	0.7661	17,850	2.0	92,950	185,900	2,542,161	28,590	57,180	781,930	198,880	397,760	5,439,322
19. Cacao	0.7661	25,280	2.0	0	0	0	0	0	0	1,710	3,420	66,235
20. Others					305,711	1,528,966		105,530	478,926		0	4,609,504
				GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)	GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)	GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)
II. Livestock				18,681	3.32	49,766	17,535	2.83	40,504	389,222	3.25	1,016,743
III. Fishery Product				1,167	3.32	3,109	2,823	2.83	6,521	7,863	3.10	19,625
IV. Forestry				8,798	4,962	8,798	111,944	63,135	111,944	210,526	118,731	210,526
Total				1,333,412	6,687,192	524,563	2,234,316	5,206,554	21,221,413			

Appendix 7.2.1 POTENTIAL AGRICULTURAL PRODUCTION ESTIMATE BY REGION AND PROVINCE (2/6)
REGION I

Item	GVA Ratio	Price (P)		Potential Yield (t/ha)	ILOCOS NORTH			ILOCOS SUR			LA UNION		
		Unit	Amount		Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price ('000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price ('000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price ('000 P)
I. Crops		/ ton			1,343,551	7,603,223		1,054,661	5,568,836		883,851	4,704,456	
1. Palay													
- Irrigated	0.7973		5,120	5.0	111,080	555,400	2,267,241	88,460	442,300	1,805,546	68,060	340,300	1,389,164
- Rainfed	0.7973		5,120	3.5	13,910	48,685	198,741	18,520	64,820	264,607	5,040	17,640	72,010
2. Corn	0.8269		4,970	3.5	25,330	88,655	364,345	19,190	67,165	276,028	10,360	36,260	149,017
3. Tomato	0.7661		3,780	15.0	1,800	27,000	78,188	880	13,200	38,225	440	6,600	19,113
4. Eggplant	0.7661		8,240	11.0	830	9,130	57,635	350	3,850	24,304	370	4,070	25,693
5. Onion	0.7661		6,200	15.0	680	10,200	48,448	2,170	32,550	154,607	0	0	0
6. Cabbage	0.7661		7,850	15.0	30	450	2,706	100	1,500	9,021	0	0	0
7. Mongo	0.7661		15,200	1.2	4,860	5,832	67,912	1,240	1,488	17,327	630	756	8,803
8. Garlic	0.7661		22,670	8.0	8,430	67,440	1,171,263	980	7,840	136,161	0	0	0
9. Cassava	0.7661		3,930	10.0	710	7,100	21,376	50	500	1,505	450	4,500	13,548
10. Camote	0.7661		2,630	12.0	680	8,160	16,441	240	2,880	5,803	1,240	14,880	29,981
11. Peanut	0.7661		13,290	1.4	1,010	1,414	14,397	1,400	1,960	19,956	2,460	3,444	35,065
12. Tobacco	0.7661		20,890	1.5	7,610	11,415	182,684	33,650	50,475	807,793	22,170	33,255	532,207
13. Sugarcane	0.7476		211	85.0	0	0	0	0	0	0	0	0	0
14. Calamansi	0.7661		8,500	6.0	260	1,560	10,158	2,050	12,300	80,096	390	2,340	15,238
15. Coconut	0.9385		2,300	7.0	6,630	46,410	100,178	820	5,740	12,390	4,720	33,040	71,318
16. Banana	0.7309		4,200	13.0	3,890	50,570	155,239	5,030	65,390	200,733	7,860	102,180	313,670
17. Pineapple	0.7661		8,900	16.0	140	2,240	15,273	240	3,840	26,182	20	320	2,182
18. Mango	0.7661		15,290	10.0	9,170	91,700	1,074,143	2,870	28,700	336,182	8,010	80,100	938,265
19. Coffee	0.7661		18,000	2.0	40	80	1,103	2,270	4,540	62,606	30	60	827
20. Cacao	0.7661		25,280	2.0	30	60	1,162	120	240	4,648	70	140	2,711
21 Others						310,050	1,754,590		243,383	1,285,116		203,966	1,085,644
					GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)	GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)	GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)
II. Livestock					159,771	3.10	399,262	115,395	3.26	302,100	161,373	3.28	424,930
III. Fishery Product					4,205	3.10	10,508	6,689	3.26	17,512	18,113	3.28	47,695
IV. Forestry					2,120		2,120	1,659		1,659	1,628		1,628
						594			186			179	
Total					1,367,233	8,015,113		1,078,694	5,890,107		927,615	5,178,709	

Item	GVA Ratio	Price (P)		Potential Yield (t/ha)	PANGASINAN			TOTAL				
		Unit	Amount		Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price ('000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price ('000 P)		
I. Crops		/ ton			3,729,445	16,379,275		7,011,508	34,255,790			
1. Palay												
- Irrigated	0.7973		5,120	5.0	352,420	1,762,100	7,193,202	620,020	3,100,100	12,655,153		
- Rainfed	0.7973		5,120	3.5	33,820	118,370	483,207	71,290	249,515	1,018,565		
2. Corn	0.8269		4,970	3.5	63,560	222,460	914,242	118,440	414,540	1,703,632		
3. Tomato	0.7661		3,780	15.0	3,960	59,400	172,014	7,080	106,200	307,540		
4. Eggplant	0.7661		8,240	11.0	3,260	35,860	226,372	4,810	52,910	334,004		
5. Onion	0.7661		6,200	15.0	700	10,500	49,873	3,550	53,250	252,928		
6. Cabbage	0.7661		7,850	15.0	0	0	0	130	1,950	11,727		
7. Mongo	0.7661		15,200	1.2	8,170	9,804	114,165	14,900	17,880	208,207		
8. Garlic	0.7661		22,670	8.0	0	0	0	9,410	75,280	1,307,424		
9. Cassava	0.7661		3,930	10.0	1,230	12,300	37,033	2,440	24,400	73,462		
10. Camote	0.7661		2,630	12.0	1,950	23,400	47,147	4,110	49,320	99,372		
11. Peanut	0.7661		13,290	1.4	4,100	5,740	58,442	8,970	12,558	127,860		
12. Tobacco	0.7661		20,890	1.5	8,660	12,990	207,890	72,090	108,135	1,730,574		
13. Sugarcane	0.7476		211	85.0	530	45,050	7,106	530	45,050	7,106		
14. Calamansi	0.7661		8,500	6.0	2,170	13,020	84,784	4,870	29,220	190,276		
15. Coconut	0.9385		2,300	7.0	22,680	158,760	342,691	34,850	243,950	526,577		
16. Banana	0.7309		4,200	13.0	15,770	205,010	629,336	32,550	423,150	1,298,978		
17. Pineapple	0.7661		8,900	16.0	140	2,240	15,273	540	8,640	58,910		
18. Mango	0.7661		15,290	10.0	17,120	171,200	2,005,380	37,170	371,700	4,353,970		
19. Coffee	0.7661		18,000	2.0	30	60	827	2,370	4,740	65,363		
20. Cacao	0.7661		25,280	2.0	270	540	10,458	490	980	18,979		
21 Others						860,641	3,779,833	0	1,618,040	7,905,183		
					GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)	GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)		
II. Livestock					489,653	3.06	1,209,463	926,192	3.13	2,335,755		
III. Fishery Product					112,494	3.06	277,865	141,501	3.10	353,580		
IV. Forestry					8,096		8,096	41,537		41,537		
						1,302			2,261			
Total					3,928,156	17,874,699		7,301,698	36,958,628			

Appendix 7.2.1 POTENTIAL AGRICULTURAL PRODUCTION ESTIMATE BY REGION AND PROVINCE (316)
REGION II

Item	GVA Ratio	Price (P)		Potential Yield (t/ha)	CAGAYAN			ISABELLA			NUBUA VISCAYA				
		Unit	Amount		Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)		
I. Crops		/ton			2,499,632		7,285,033		4,738,449		17,766,244		686,620		2,175,006
1. Palay															
- Irrigated	0.7973		4,600	5.0	42,100	210,500	772,026	205,960	1,029,800	3,776,874	33,730	168,650	618,537		
- Rainfed	0.7973		4,600	3.5	700	2,450	8,986	3,660	12,810	46,982	840	2,940	10,783		
2. Corn	0.8269		4,200	3.5	90,780	317,730	1,103,470	288,900	1,011,150	3,511,704	22,660	79,310	275,442		
3. Tomato	0.7661		5,230	15.0	770	11,550	46,277	290	4,350	17,429	3,000	45,000	180,302		
4. Eggplant	0.7661		6,600	11.0	2,400	26,400	133,485	2,860	31,460	159,070	690	7,590	38,377		
5. Onion	0.7661		3,520	15.0	60	900	2,427	40	600	1,618	1,230	18,450	49,754		
6. Cabbage	0.7661		4,600	15.0	610	9,150	32,245	100	1,500	5,286	290	4,350	15,330		
7. Mongo	0.7661		13,350	1.2	13,360	16,032	163,966	5,350	6,420	65,660	450	540	5,523		
8. Garlic	0.7661		22,500	8.0	0	0	0	10	80	1,379	30	240	4,137		
9. Cassava	0.7661		2,790	10.0	800	8,000	17,099	600	6,000	12,825	1,100	11,000	23,512		
10. Camote	0.7661		2,970	12.0	6,560	78,720	179,113	3,300	39,600	90,103	12,420	149,040	339,113		
11. Peanut	0.7661		10,340	1.4	24,650	34,510	273,370	75,420	105,588	836,413	560	784	6,210		
12. Tobacco	0.7661		12,630	1.5	8,450	12,675	122,641	39,100	58,650	567,488	80	120	1,161		
13. Sugarcane	0.7476		250	85.0	5,640	479,400	89,600	0	0	0	0	0	0		
14. Calamansi	0.7661		10,000	6.0	200	1,200	9,193	15,350	92,100	705,578	170	1,020	7,814		
15. Coconut	0.9385		2,710	7.0	52,060	364,420	926,842	36,500	255,500	649,822	1,250	8,750	22,254		
16. Banana	0.7309		2,400	13.0	22,370	290,810	510,127	73,840	959,920	1,683,853	4,880	63,440	111,284		
17. Pineapple	0.7661		4,750	16.0	330	5,280	19,214	3,650	58,400	212,516	30	480	1,447		
18. Mango	0.7661		10,000	10.0	20,940	209,400	1,604,213	23,400	234,900	1,799,569	710	7,100	54,393		
19. Coffee	0.7661		18,000	2.0	1,700	3,400	46,885	9,980	19,960	275,244	1,670	3,340	46,058		
20. Cacao	0.7661		25,280	2.0	250	500	9,684	9,960	19,920	385,791	20	40	775		
21 Others						416,605	1,214,170		789,741	2,961,040		114,436	362,500		
					GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)		
II. Livestock					122,258	3.20	314,534	206,014	3.37	556,842	66,879	3.43	183,944		
III. Fishery Product					29,139	3.20	74,966	4,864	3.37	13,147	1,523	3.43	4,189		
IV. Forestry					463,709		463,709	581,970		581,970	5,135		5,135		
						406,888			510,657			4,505			
Total					2,966,075		8,138,242		5,281,295	18,918,203		701,332	2,368,274		

Item	GVA Ratio	Price (P)		Potential Yield (t/ha)	QUIRINO			OTHERS			TOTAL				
		Unit	Amount		Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)		
I. Crops		/ton			418,394		1,210,957		32,958		143,222		8,376,053		28,580,462
1. Palay															
- Irrigated	0.7973		4,600	5.0	3,650	18,250	66,933	100	500	1,834	285,540	1,427,700	5,236,204		
- Rainfed	0.7973		4,600	3.5	40	140	513	0	0	0	5,240	18,340	67,264		
2. Corn	0.8269		4,200	3.5	21,080	75,880	263,530	590	2,065	7,172	424,610	1,486,135	5,161,318		
3. Tomato	0.7661		5,230	15.0	80	1,200	4,808	0	0	0	4,140	62,100	248,816		
4. Eggplant	0.7661		6,600	11.0	430	4,730	23,916	0	0	0	6,380	70,180	354,848		
5. Onion	0.7661		3,520	15.0	0	0	0	0	0	0	1,330	19,950	53,799		
6. Cabbage	0.7661		4,600	15.0	0	0	0	0	0	0	1,000	15,000	52,861		
7. Mongo	0.7661		13,350	1.2	1,300	1,560	15,955	0	0	0	20,460	24,552	251,104		
8. Garlic	0.7661		22,500	8.0	0	0	0	230	1,840	31,717	270	2,160	37,233		
9. Cassava	0.7661		2,790	10.0	730	7,300	15,603	0	0	0	3,220	32,300	69,039		
10. Camote	0.7661		2,970	12.0	630	7,560	17,201	220	2,640	6,007	23,130	277,560	631,537		
11. Peanut	0.7661		10,340	1.4	15,100	21,140	167,460	0	0	0	115,730	162,022	1,283,453		
12. Tobacco	0.7661		12,630	1.5	0	0	0	0	0	0	47,630	71,445	691,290		
13. Sugarcane	0.7476		250	85.0	0	0	0	0	0	0	5,640	479,400	89,600		
14. Calamansi	0.7661		10,000	6.0	110	660	5,056	420	2,520	19,306	16,250	97,500	746,947		
15. Coconut	0.9385		2,710	7.0	110	770	1,958	630	4,410	11,216	90,550	633,850	1,612,092		
16. Banana	0.7309		2,400	13.0	15,510	201,630	353,691	630	8,190	14,367	117,230	1,523,990	2,673,322		
17. Pineapple	0.7661		4,750	16.0	140	2,240	8,151	200	3,200	11,645	4,350	69,600	283,273		
18. Mango	0.7661		10,000	10.0	210	2,100	16,088	210	2,100	16,088	45,560	455,600	3,490,351		
19. Coffee	0.7661		18,000	2.0	1,750	3,500	48,264	0	0	0	15,100	30,200	416,451		
20. Cacao	0.7661		25,280	2.0	0	0	0	0	0	0	10,230	20,460	396,250		
21 Others						69,734	201,830		5,493	23,870		1,396,009	4,763,410		
					GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)		
II. Livestock					14,275	3.74	42,950	0	3.34	0	409,426	3.34	1,098,270		
III. Fishery Product					275	3.74	827	0	3.34	0	35,801	3.24	93,129		
IV. Forestry					140,266		140,266	26,605		26,605	1,217,685		1,217,685		
						123,078			26,607			1,071,735			
Total					544,219		1,395,000		59,565	169,827		9,552,486	30,989,546		

Appendix 7.2.1 POTENTIAL AGRICULTURAL PRODUCTION ESTIMATE BY REGION AND PROVINCE (4/6)
REGION III

Item	GVA Ratio	Price (P) Unit Amount	Potential Yield (t/ha)	BATAAN			BULACAN			NUEVA ECUIA			PAMPANGA		
				Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)
I. Crops	/ton			476,907	2,198,561		1,195,740	6,801,244		2,313,556	10,205,581		2,928,004	4,668,733	
1. Palay															
- Irrigated	0.7973	5,120	5.0	38,200	191,000	779,696	86,700	433,300	1,769,623	273,540	1,367,700	5,583,192	97,650	488,250	1,993,122
- Rainfed	0.7973	5,120	3.5	2,770	9,695	39,577	41,160	144,060	588,078	66,010	231,035	943,126	15,770	55,195	225,316
2. Corn	0.8269	4,940	3.5	9,750	34,125	139,397	4,720	16,520	67,482	13,490	47,215	192,868	7,120	24,920	101,795
3. Tomato	0.7661	2,270	15.0	310	4,650	8,087	890	13,350	23,216	2,940	44,100	76,692	710	10,650	18,521
4. Eggplant	0.7661	5,190	11.0	190	2,090	8,310	1,860	20,460	81,350	1,770	19,470	77,414	250	2,750	10,934
5. Onion	0.7661	6,700	15.0	0	0	0	0	0	0	6,260	93,900	481,976	10	150	770
6. Cabbage	0.7661	3,640	15.0	0	0	0	10	150	418	420	6,300	17,568	10	150	418
7. Mungo	0.7661	14,600	1.2	430	516	5,771	60	72	805	1,850	2,220	24,831	270	324	3,624
8. Garlic	0.7661	28,800	8.0	0	0	0	0	0	0	220	1,760	38,832	0	0	0
9. Cassava	0.7661	1,140	10.0	730	7,300	6,375	650	6,500	5,677	280	2,800	2,445	1,580	15,800	13,799
10. Cantote	0.7661	2,840	12.0	6,040	72,480	157,696	580	6,960	15,143	390	4,680	10,182	2,400	28,800	62,661
11. Peanut	0.7661	13,800	1.4	290	406	4,292	1,070	1,498	15,837	720	1,008	10,657	590	826	8,733
12. Tobacco	0.7661	23,630	1.5	0	0	0	0	0	0	130	195	3,530	0	0	0
13. Sugarcane	0.7476	474	85.0	0	0	0	0	0	0	0	0	0	20,090	1,707,650	605,127
14. Calamansi	0.7661	12,110	6.0	200	1,200	11,133	510	3,060	28,389	190	1,140	10,576	810	4,860	45,089
15. Coconut	0.9385	2,780	7.0	510	3,570	9,314	2,660	18,620	48,580	260	1,820	4,748	730	5,110	13,332
16. Banana	0.7309	4,460	13.0	1,430	18,590	60,600	6,920	89,960	293,253	1,280	16,640	54,243	2,710	35,230	114,843
17. Pineapple	0.7661	3,000	16.0	0	0	0	40	640	1,471	0	0	0	0	0	0
18. Mango	0.7661	14,750	10.0	4,520	45,200	510,759	23,960	239,600	2,707,474	8,590	85,900	970,668	5,890	58,900	665,569
19. Coffee	0.7661	18,000	2.0	3,290	6,580	90,737	130	1,460	20,133	40	80	1,103	140	280	3,861
20. Cacao	0.7661	25,280	2.0	10	20	387	20	40	775	0	0	0	80	160	3,099
21. Others					79,485	386,430		199,290	1,133,540		385,593	1,700,930		487,999	778,120
				GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)
II. Livestock				175,461	3.50	492,483	1,347,209	3.35	3,620,340	261,151	3.18	667,971	1,029,787	3.32	2,743,338
III. Fishery Product				50,790	3.50	142,557	233,340	3.35	627,052	32,644	3.18	83,497	349,526	3.32	931,132
IV. Forestry				126		126	594		594	1,127		1,127	516		516
					78			367			696			319	
Total				555,011	2,833,727		1,510,608	11,049,230		2,360,451	10,958,176		3,303,650	8,343,719	

Item	GVA Ratio	Price (P) Unit Amount	Potential Yield (t/ha)	TARLAC			ZAMBALES			TOTAL		
				Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)
I. Crops	/ton			3,815,948	5,670,663		843,503	4,375,103		11,573,658	33,919,885	
1. Palay												
- Irrigated	0.7973	5,120	5.0	103,170	515,850	2,105,790	31,470	157,350	642,330	630,730	3,153,650	12,873,753
- Rainfed	0.7973	5,120	3.5	37,050	129,675	529,356	32,040	112,140	457,775	194,800	681,800	2,783,228
2. Corn	0.8269	4,940	3.5	14,310	50,085	204,592	3,080	10,780	44,035	52,470	183,645	750,169
3. Tomato	0.7661	2,270	15.0	1,550	23,250	40,433	650	9,750	16,956	7,050	105,750	183,905
4. Eggplant	0.7661	5,190	11.0	1,190	13,090	52,047	1,210	13,310	52,921	6,470	71,170	282,976
5. Onion	0.7661	6,700	15.0	10	150	770	360	5,400	27,717	6,640	99,600	511,233
6. Cabbage	0.7661	3,640	15.0	0	0	0	10	150	418	450	6,750	18,822
7. Mungo	0.7661	14,600	1.2	5,710	6,852	76,640	780	936	10,469	9,100	10,920	122,140
8. Garlic	0.7661	28,800	8.0	20	160	3,530	0	0	0	240	1,920	42,362
9. Cassava	0.7661	1,140	10.0	50	500	437	3,500	35,000	30,567	6,790	67,900	59,300
10. Cantote	0.7661	2,840	12.0	5,670	68,040	148,036	4,380	54,960	119,578	19,660	235,920	513,296
11. Peanut	0.7661	13,800	1.4	850	1,190	12,581	260	364	3,848	3,780	5,292	55,948
12. Tobacco	0.7661	23,630	1.5	990	1,485	26,883	0	0	0	1,120	1,680	30,413
13. Sugarcane	0.7476	474	85.0	26,500	2,252,500	798,201	500	42,500	15,060	47,090	4,002,650	1,418,388
14. Calamansi	0.7661	12,110	6.0	250	1,500	13,916	310	1,860	17,256	2,270	13,620	126,359
15. Coconut	0.9385	2,780	7.0	4,090	28,210	73,601	8,080	56,560	147,567	16,270	113,890	297,142
16. Banana	0.7309	4,460	13.0	3,340	43,420	141,541	2,120	27,560	89,840	17,800	231,400	754,320
17. Pineapple	0.7661	3,000	16.0	0	0	0	0	0	0	40	640	1,471
18. Mango	0.7661	14,750	10.0	4,400	44,000	497,199	17,430	174,300	1,969,586	64,790	647,900	7,321,255
19. Coffee	0.7661	18,000	2.0	0	0	0	0	0	0	4,200	8,400	115,834
20. Cacao	0.7661	25,280	2.0	0	0	0	0	0	0	110	220	4,261
21. Others					635,991	945,110		140,583	729,180		1,928,941	5,653,310
				GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)
II. Livestock				231,170	3.06	570,999	153,909	3.23	399,431	3,198,687	3.31	8,494,562
III. Fishery Product				16,752	3.06	41,378	25,380	3.23	65,867	708,432	3.33	1,891,483
IV. Forestry				462		462	8,687		8,687	11,512		11,512
					285			5,365			7,110	
Total				3,846,807	6,283,502		892,110	4,849,088		12,468,637	44,317,442	

Appendix 7.2.1 POTENTIAL AGRICULTURAL PRODUCTION ESTIMATE BY REGION AND PROVINCE (5/6)
REGION IV

Item	GVA Ratio	Price (P)		Potential Yield (t/ha)	AURORA			BATANGAS			CAVITH			LAGUNA		
		Unit	Amount		Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)
I. Crops		/ton			832,924	2,453,322		5,895,232	10,372,448		2,114,280	3,871,191		2,402,909	3,494,238	
1. Palay																
- Irrigated	0.7973		4,950	5.0	26,480	132,400	522,534	25,060	125,300	494,513	40,680	203,400	802,746	39,760	198,800	784,591
- Rainfed	0.7973		4,950	3.5	3,900	13,650	53,872	22,540	78,890	311,350	7,740	27,090	106,914	360	1,260	4,973
2. Corn	0.8269		4,010	3.5	31,130	108,955	361,281	261,880	916,580	3,039,259	29,340	102,690	340,507	57,980	202,930	672,889
3. Tomato	0.7661		7,270	15.0	0	0	0	800	12,000	66,835	540	8,100	45,113	3,210	48,150	268,174
4. Eggplant	0.7661		7,590	11.0	1,210	13,310	77,394	500	5,500	31,981	560	6,160	35,819	450	4,950	28,783
5. Onion	0.7661		4,100	15.0	0	0	0	30	450	1,413	60	900	2,827	0	0	0
6. Cabbage	0.7661		3,800	15.0	0	0	0	0	0	0	0	0	0	10	150	437
7. Mongo	0.7661		16,000	1.2	80	96	1,177	400	480	5,884	1,160	1,392	17,063	40	48	588
8. Garlic	0.7661		45,710	8.0	0	0	0	230	1,840	64,434	0	0	0	280	2,240	78,441
9. Cassava	0.7661		2,150	10.0	1,660	16,600	27,342	1,570	15,700	25,860	2,120	21,200	34,919	930	9,300	15,318
10. Camote	0.7661		3,000	12.0	5,990	71,160	163,547	470	5,640	12,962	4,160	49,920	114,731	840	10,080	23,167
11. Peanut	0.7661		14,000	1.4	19,850	27,790	298,059	710	994	10,661	4,830	6,762	72,525	60	84	901
12. Tobacco	0.7661		14,500	1.5	0	0	0	0	0	0	0	0	0	0	0	0
13. Sugarcane	0.7476		480	85.0	0	0	0	26,580	2,259,300	810,745	10,400	884,000	317,222	11,820	1,004,700	360,535
14. Calamansi	0.7661		11,710	6.0	490	2,940	26,375	1,450	8,700	78,048	60	360	3,230	430	2,580	23,145
15. Coconut	0.9385		970	7.0	34,640	242,480	220,740	96,190	673,330	612,963	15,690	109,830	99,983	47,120	329,840	909,268
16. Banana	0.7309		4,030	13.0	170	2,210	6,510	19,790	257,270	757,796	7,510	97,630	287,572	1,500	19,500	57,438
17. Pineapple	0.7661		2,830	16.0	50	800	1,734	120	1,920	4,163	3,970	63,520	137,715	1,500	10,080	21,854
18. Mango	0.7661		11,130	10.0	0	0	0	14,210	142,100	1,211,643	1,520	15,200	129,606	150	1,500	12,790
19. Coffee	0.7661		19,850	2.0	4,150	8,300	126,219	14,360	28,720	436,747	13,940	27,880	423,974	1,080	2,160	32,847
20. Cacao	0.7661		25,280	2.0	10	20	387	40	80	1,549	100	200	3,873	20	40	775
21. Others					192,213	566,151		1,360,438	2,393,642		487,911	893,352		554,517	806,374	
					GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)
II. Livestock					61,335	3.72	183,478	698,952	3.17	1,782,585	1,069,410	3.61	3,098,806	2,430,000	3.41	6,644,808
III. Fishery Product					39	3.72	117	160,759	3.17	409,995	71,798	3.61	208,048	90,992	3.41	248,817
IV. Forestry					229,403		229,403	2,525		2,525	1,349		1,349	3,554		3,554
					129,365			1,427			761		2,004			
Total					969,484	2,866,320		6,369,423	12,567,553		2,401,414	7,179,394		2,902,779	10,391,467	

Item	GVA Ratio	Price (P)		Potential Yield (t/ha)	QUEZON			RIZAL			OTHERS			TOTAL		
		Unit	Amount		Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price (000 P)
I. Crops		/ton			5,287,229	12,522,293		820,395	4,482,360		11,663,626	17,257,520		29,016,595	54,453,422	
1. Palay																
- Irrigated	0.7973		4,950	5.0	45,660	228,300	901,017	11,740	58,700	231,667	176,920	884,600	3,491,193	366,300	1,831,500	7,228,261
- Rainfed	0.7973		4,950	3.5	15,880	55,580	219,354	1,410	4,935	19,477	48,420	169,470	668,836	100,250	350,875	1,384,776
2. Corn	0.8269		4,010	3.5	192,490	673,715	2,233,951	17,180	60,130	199,383	145,230	508,305	1,685,473	735,230	2,573,305	8,532,743
3. Tomato	0.7661		7,270	15.0	4,220	63,300	352,552	70	1,050	5,848	970	14,550	81,037	9,810	147,150	819,559
4. Eggplant	0.7661		7,590	11.0	8,260	90,860	528,324	30	330	1,919	880	9,680	56,286	11,890	130,790	760,506
5. Onion	0.7661		4,100	15.0	520	7,800	24,500	0	0	0	280	4,200	13,192	890	13,350	41,932
6. Cabbage	0.7661		3,800	15.0	1,890	28,350	82,532	0	0	0	210	3,150	9,170	2,110	31,650	92,139
7. Mongo	0.7661		16,000	1.2	10,200	12,240	150,033	10	12	147	10,580	12,696	155,622	22,470	26,964	330,514
8. Garlic	0.7661		45,710	8.0	1,870	14,960	523,876	10	80	2,801	3,080	24,640	862,854	5,470	43,760	1,532,406
9. Cassava	0.7661		2,150	10.0	61,960	619,600	1,020,552	40	400	659	12,290	122,900	202,430	80,570	805,700	1,327,080
10. Camote	0.7661		3,000	12.0	46,800	561,600	1,290,725	60	720	1,655	12,230	146,760	337,299	70,490	845,880	1,944,086
11. Peanut	0.7661		14,000	1.4	1,560	2,184	23,424	40	56	601	19,480	27,272	292,503	46,530	65,142	698,674
12. Tobacco	0.7661		14,500	1.5	0	0	0	0	0	0	1,800	2,700	29,993	1,890	2,835	31,493
13. Sugarcane	0.7476		480	85.0	0	0	0	0	0	0	63,820	5,424,700	1,946,643	112,620	9,572,700	3,435,145
14. Calamansi	0.7661		11,710	6.0	660	3,960	35,525	1,120	6,720	60,285	1,010	6,060	54,364	3,220	31,520	280,972
15. Coconut	0.9385		970	7.0	203,270	1,422,890	1,295,321	6,270	43,890	39,935	114,070	798,490	726,901	517,230	3,620,750	3,296,131
16. Banana	0.7309		4,030	13.0	20,380	264,940	780,588	14,450	187,850	553,317	29,350	381,550	1,123,866	93,150	1,210,950	3,566,887
17. Pineapple	0.7661		2,830	16.0	200	3,200	6,938	0	0	0	0	0	0	4,970	79,520	172,404
18. Mango	0.7661		11,130	10.0	690	6,900	58,834	25,750	257,500	2,195,623	6,770	67,700	577,257	49,090	490,900	4,185,753
19. Coffee	0.7661		19,850	2.0	3,960	6,120	93,067	4,070	8,140	123,786	14,230	28,460	452,794	54,890	109,780	1,669,434
20. Cacao	0.7661		25,280	2.0	500	600	11,620	280	560	10,846	920	1,840	35,635	1,670	3,340	64,683
21. Others					1,220,130	2,889,760		189,322	1,034,391		3,023,903	4,474,172		7,028,434	15,057,842	
					GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)	GVA in 1990 (000 P)	Growth Rate (%)	Potential GVA (000 P)
II. Livestock					541,322	3.25	1,413,050	801,977	3.52	2,264,070	539,648	3.39	1,467,123	6,142,644	3.42	16,853,920
III. Fishery Product					230,563	3.25	601,854	610,642	3.52	1,723,910	451,799	3.39	1,228,291	1,616,592	3.41	4,421,032
IV. Forestry					114,847		114,847	1,003		1,003	267,357		267,357	620,038		620,038
					64,764			566			150,768		349,655			
Total					5,869,697	14,652,044		2,380,358	8,471,343		12,799,228	20,220,291		33,692,383	76,348,412	

Appendix 7.2.1 POTENTIAL AGRICULTURAL PRODUCTION ESTIMATE BY REGION AND PROVINCE (6/6)
REGION V

Item	GVA Ratio	Price (P)		Potential Yield (t/ha)	ALBAY			CAMARINES NORTE			CAMARINES SUR		
		Unit	Amount		Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price ('000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price ('000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price ('000 P)
I. Crops		/ton			1,518,492	3,727,047		1,072,295	2,457,832		3,266,695	7,954,807	
1. Palay													
- Irrigated	0.7973		4,300	5.0	52,900	264,500	906,809	26,500	132,500	454,262	138,390	691,950	2,372,274
- Rainfed	0.7973		4,300	3.5	800	2,800	9,599	2,600	9,100	31,198	16,260	56,910	195,110
2. Corn	0.8269		4,130	3.5	101,670	355,845	1,215,245	57,260	200,410	684,420	160,280	560,980	1,915,801
3. Tomato	0.7661		4,760	15.0	190	2,850	10,393	110	1,650	6,017	90	1,350	4,923
4. Eggplant	0.7661		6,140	11.0	110	1,210	5,692	130	1,430	6,727	80	880	4,139
5. Onion	0.7661		3,500	15.0	0	0	0	0	0	0	0	0	0
6. Cabbage	0.7661		7,560	15.0	70	1,050	6,081	0	0	0	10	150	869
7. Mongo	0.7661		13,350	1.2	50	60	614	60	72	736	10	12	123
8. Garlic	0.7661		22,500	8.0	10	80	1,379	0	0	0	20	160	2,758
9. Cassava	0.7661		1,570	10.0	2,600	26,000	31,272	3,220	32,200	38,729	4,130	41,300	49,675
10. Camote	0.7661		1,810	12.0	3,030	36,360	50,418	1,230	14,760	20,467	3,660	43,920	60,901
11. Peanut	0.7661		11,010	1.4	240	336	2,834	250	350	2,952	50	70	590
12. Tobacco	0.7661		12,500	1.5	0	0	0	0	0	0	0	0	0
13. Sugarcane	0.7476		593	85.0	1,690	143,650	63,684	0	0	0	2,960	251,600	111,541
14. Calamansi	0.7661		11,970	6.0	420	2,520	23,109	70	420	3,851	800	4,800	44,017
15. Coconut	0.9385		1,400	7.0	42,780	299,460	393,460	52,570	367,990	483,502	107,360	751,520	987,422
16. Banana	0.7309		3,090	13.0	1,440	18,720	42,279	2,500	32,500	73,401	6,800	88,400	199,650
17. Pineapple	0.7661		2,770	16.0	120	1,920	4,074	1,840	29,440	62,475	220	3,520	7,470
18. Mango	0.7661		10,000	10.0	100	1,000	7,661	10	100	766	10	100	766
19. Coffee	0.7661		18,000	2.0	820	1,640	22,615	460	920	12,687	2,880	5,760	79,429
20. Cacao	0.7661		25,280	2.0	150	300	5,810	10	20	387	170	340	6,585
21. Abaca	0.7661		10,740	1.0	7,770	7,770	63,931	980	980	8,063	9,120	9,120	75,039
22. Others						350,421	860,088		247,453	567,192		753,853	1,835,725
					GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)	GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)	GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)
II. Livestock					140,970	3.19	361,622	99,448	3.38	269,583	212,736	3.35	571,683
III. Fishery Product					11,277	3.19	28,928	57,182	11,960	155,008	95,731	3.35	257,257
IV. Forestry					972	-	972	428	121,007	428	1,837	-	1,837
						1,724			759			3,258	
Total					1,557,489	4,118,569		1,206,021	2,882,851		3,458,520	8,785,584	

Item	GVA Ratio	Price (P)		Potential Yield (t/ha)	SORSOGON			OTHERS			TOTAL		
		Unit	Amount		Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price ('000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price ('000 P)	Harvested Area (ha)	Pro-duction (t)	GVA at 1990 Price ('000 P)
I. Crops		/ton			1,174,956	3,054,771		2,506,494	6,848,214		9,538,932	24,042,671	
1. Palay													
- Irrigated	0.7973		4,300	5.0	41,960	209,800	719,276	62,440	312,200	1,070,343	322,190	1,610,950	5,522,964
- Rainfed	0.7973		4,300	3.5	4,330	15,155	51,957	18,490	64,715	221,868	42,480	148,680	509,732
2. Corn	0.8269		4,130	3.5	70,030	245,105	837,057	247,890	867,615	2,962,989	637,130	2,229,955	7,615,512
3. Tomato	0.7661		4,760	15.0	10	150	547	130	1,950	7,111	530	7,950	28,991
4. Eggplant	0.7661		6,140	11.0	20	220	1,035	110	1,210	5,692	450	4,950	23,285
5. Onion	0.7661		3,500	15.0	0	0	0	0	0	0	0	0	0
6. Cabbage	0.7661		7,560	15.0	0	0	0	30	450	2,606	110	1,650	9,556
7. Mongo	0.7661		13,350	1.2	50	60	614	50	60	614	220	264	2,701
8. Garlic	0.7661		22,500	8.0	0	0	0	10	80	1,379	40	320	5,516
9. Cassava	0.7661		1,570	10.0	2,410	24,100	28,987	3,960	39,600	47,630	16,320	163,200	196,293
10. Camote	0.7661		1,810	12.0	1,980	23,760	32,947	3,170	38,040	52,748	13,070	156,840	217,481
11. Peanut	0.7661		11,010	1.4	30	42	354	180	252	2,126	750	1,050	8,856
12. Tobacco	0.7661		12,500	1.5	0	0	0	0	0	0	0	0	0
13. Sugarcane	0.7476		593	85.0	0	0	0	1,490	126,650	56,147	6,140	521,900	231,372
14. Calamansi	0.7661		11,970	6.0	270	1,620	14,856	500	3,000	27,511	2,060	12,360	113,344
15. Coconut	0.9385		1,400	7.0	51,160	358,120	470,534	56,870	398,090	523,050	310,740	2,175,180	2,857,968
16. Banana	0.7309		3,090	13.0	310	4,030	9,102	3,540	46,020	103,935	14,590	189,670	428,367
17. Pineapple	0.7661		2,770	16.0	80	1,280	2,716	720	11,520	24,447	2,980	47,680	101,182
18. Mango	0.7661		10,000	10.0	60	600	4,597	50	600	4,597	240	2,400	18,387
19. Coffee	0.7661		18,000	2.0	550	1,100	15,169	1,510	3,020	41,645	6,220	12,440	171,545
20. Cacao	0.7661		25,280	2.0	290	580	11,233	200	400	7,747	820	1,640	31,762
21. Abaca	0.7661		10,740	1.0	18,090	18,090	148,843	12,600	12,600	103,672	48,560	48,560	399,548
22. Others						271,144	704,947		578,422	1,580,357	0	2,201,293	5,548,309
					GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)	GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)	GVA in 1990 ('000 P)	Growth Rate (%)	Potential GVA ('000 P)
II. Livestock					67,153	3.34	179,936	30,764	3.31	81,717	551,071	3.31	1,464,541
III. Fishery Product					40,291	3.34	107,960	64,646	5,050	171,717	269,127	3.34	720,870
IV. Forestry					580	-	580	414	121,824	414	4,231	-	4,231
						1,029			734			7,504	
Total					1,261,909	3,343,247		2,634,102	7,102,062		10,118,041	26,232,313	

Appendix 7.2.2 SUMMARY OF POTENTIAL AGRICULTURAL PRODUCTION

(Unit : ton)

Region / Province	Potential				Total
	Crops	Livestock	Fishery	Forestry	
CAR	5,014,348	52,694	20,781	118,731	5,206,554
Abra	1,490,898	6,828	936	23,425	1,522,087
Benguet	1,118,854	29,535	13,986	7,895	1,170,270
Mt. Province	457,298	1,647	2,483	63,135	524,563
Ifugao	622,549	12,478	1,881	19,314	656,222
K. Apayao	1,324,749	2,206	1,495	4,962	1,333,412
REGION I	7,011,508	103,325	184,604	2,261	7,301,698
Ilocos Norte	1,343,551	17,538	5,550	594	1,367,233
Ilocos Sur	1,054,661	14,634	9,213	186	1,078,694
La Union	883,851	19,057	24,528	179	927,615
Pangasinan	3,729,445	52,096	145,313	1,302	3,928,156
REGION II	8,376,053	50,628	54,070	1,071,735	9,552,486
Cagayan	2,499,632	14,417	45,138	406,888	2,966,075
Isabela	4,738,449	25,551	6,638	510,657	5,281,295
Nueva Vizcaya	686,620	8,268	1,939	4,505	701,332
Quirino	418,394	2,392	355	123,078	544,219
Others	32,958	0	0	26,607	59,565
REGION III	11,573,658	380,315	507,554	7,110	12,468,637
Bataan	476,907	20,860	57,166	78	555,011
Bulacan	1,195,740	167,501	147,000	367	1,510,608
Nueva Ecija	2,313,556	25,642	20,557	696	2,360,451
Pampanga	2,928,004	128,226	247,101	319	3,303,650
Tarlac	3,815,948	22,351	8,223	285	3,846,807
Zambales	843,503	15,735	27,507	5,365	892,110
REGION IV	29,016,595	781,912	3,544,221	349,655	33,692,383
Aurora	832,924	6,868	327	129,365	969,484
Batangas	5,895,232	90,859	381,905	1,427	6,369,423
Cavite	2,114,280	169,335	117,038	761	2,401,414
Laguna	2,402,909	299,522	198,344	2,004	2,902,779
Quezon	5,287,229	60,527	457,177	64,764	5,869,697
Rizal	820,395	91,410	1,467,987	566	2,380,358
Others	11,663,626	63,391	921,443	150,768	12,799,228
REGION V	9,538,932	68,850	502,755	7,504	10,118,041
Albay	1,518,492	17,413	19,860	1,724	1,557,489
Camarines N.	1,072,295	11,960	121,007	759	1,206,021
Camarines S.	3,266,695	26,940	161,627	3,258	3,458,520
Sorsogon	1,174,956	7,487	78,437	1,029	1,261,909
Others	2,506,494	5,050	121,824	734	2,634,102
Study Area	70,531,094	1,437,724	4,813,985	1,556,996	78,339,799

Appendix 7.3 GROSS VALUE ADDED UP TO 2020 BY ZONE, PROVINCE AND REGION

(P'000, 1990 Constant Price)

Region / Province / Zone	Agricultural GVA (P'000, 1990 Constant Price)				Non-Agricultural GVA (P'000, 1990 Constant Price)				Total			
	1990	2000	2010	2020	1990	2000	2010	2020	1990	2000	2010	2020
CAR	4,142,057	7,062,926	9,897,887	12,732,848	13,701,826	30,489,120	46,782,670	63,076,221	17,843,883	37,552,046	56,680,557	75,809,069
Abra	526,041	1,328,292	2,106,947	2,885,603	1,637,863	3,508,667	5,324,447	7,140,228	2,163,904	4,836,959	7,431,394	10,025,831
2	447,135	1,109,426	1,752,238	2,395,050	1,517,152	3,237,940	4,908,116	6,578,292	1,964,287	4,347,366	6,660,354	8,973,342
3	78,906	218,866	354,710	490,553	120,711	270,728	416,332	561,936	199,617	489,594	771,042	1,052,489
Benguet	1,404,157	1,818,670	2,220,991	2,623,312	8,140,236	20,326,792	32,154,920	43,983,049	9,544,393	22,145,462	34,375,911	46,606,361
4	533,580	673,256	808,824	944,392	394,801	930,519	1,450,480	1,970,441	928,381	1,603,775	2,259,304	2,914,833
5	673,995	837,284	995,770	1,154,257	144,896	336,395	522,261	708,127	818,891	1,173,679	1,518,031	1,862,384
6	196,582	308,130	416,397	524,663	7,600,539	19,059,879	30,182,180	41,304,481	7,797,121	19,368,009	30,598,577	41,829,144
Mt. Province	497,048	783,852	1,062,221	1,340,590	1,296,735	1,915,273	2,515,619	3,115,965	1,793,783	2,699,125	3,577,840	4,456,555
7	248,524	403,321	553,565	703,810	1,202,592	1,756,201	2,293,527	2,830,854	1,451,116	2,159,522	2,847,092	3,534,664
8	248,524	380,531	508,655	636,780	94,143	159,072	222,091	285,111	342,667	539,603	730,746	921,891
Ifugao	538,467	991,538	1,431,283	1,871,029	1,648,728	2,469,278	3,265,694	4,062,110	2,187,195	3,460,816	4,696,977	5,933,139
K. Apayao	1,176,344	2,140,574	3,076,444	4,012,315	978,264	2,269,110	3,521,990	4,774,869	2,154,608	4,409,684	6,598,434	8,787,184
10	529,355	949,617	1,357,518	1,765,419	237,327	589,612	931,535	1,273,458	766,682	1,539,229	2,289,053	3,038,877
11	117,634	261,804	401,734	541,663	117,196	245,702	370,428	495,154	234,830	507,506	772,162	1,036,817
12	529,355	929,154	1,317,194	1,705,233	623,741	1,433,796	2,220,026	3,006,257	1,153,096	2,362,950	3,537,220	4,711,490
REGION I	12,877,279	17,295,157	21,583,099	25,871,040	18,148,028	39,113,010	59,461,375	79,809,741	31,025,307	56,408,167	81,044,474	105,680,781
Ilocos Norte	1,403,623	2,833,988	4,222,283	5,610,579	2,400,243	4,210,859	5,968,221	7,725,583	3,803,866	7,044,847	10,190,504	13,336,162
13	280,725	614,488	938,434	1,262,380	297,630	519,782	735,400	951,019	578,355	1,134,270	1,673,834	2,213,399
14	322,833	594,589	858,352	1,122,116	1,204,922	2,117,791	3,003,811	3,889,831	1,527,755	2,712,380	3,862,163	5,011,947
15	421,087	945,576	1,454,639	1,963,703	530,934	938,009	1,333,111	1,728,213	952,021	1,883,585	2,787,750	3,691,916
16	378,978	679,335	970,858	1,262,380	366,757	635,277	895,899	1,156,520	745,735	1,314,612	1,866,757	2,418,900
Ilocos Sur	1,674,046	2,506,716	3,314,896	4,123,075	2,624,390	4,502,613	6,325,594	8,148,575	4,298,436	7,009,329	9,640,490	12,271,650
17	719,840	1,049,851	1,370,156	1,690,461	1,884,837	3,246,521	4,568,155	5,889,790	2,604,677	4,296,372	5,938,311	7,580,251
18	602,657	846,344	1,082,864	1,319,384	321,750	555,345	782,070	1,008,794	924,407	1,401,689	1,864,934	2,328,178
19	351,549	610,521	861,876	1,113,230	417,803	700,747	975,369	1,249,991	769,352	1,311,268	1,837,245	2,363,221
La Union	1,648,292	2,320,405	2,972,750	3,625,096	3,478,825	5,804,621	8,062,011	10,319,400	5,127,117	8,125,026	11,034,761	13,944,496
20	956,009	1,432,112	1,894,212	2,356,312	1,558,166	2,593,925	3,599,221	4,604,516	2,514,175	4,026,037	5,493,433	6,960,828
21	692,283	888,293	1,078,538	1,268,784	1,920,659	3,210,696	4,462,790	5,714,884	2,612,942	4,098,989	5,541,328	6,983,668
Pangasinan	8,151,318	9,634,048	11,073,168	12,512,289	9,644,570	24,594,918	39,105,550	53,616,183	17,795,888	34,228,966	50,178,718	66,128,472
22	1,630,264	1,841,726	2,046,969	2,252,212	201,572	517,680	824,491	1,131,301	1,831,836	2,359,406	2,871,460	3,383,513
23	1,385,724	1,765,414	2,133,936	2,502,458	2,223,073	5,680,666	9,035,383	12,390,700	3,608,797	7,445,480	11,169,319	14,893,158
24	1,630,264	1,884,268	2,130,801	2,377,335	4,186,708	10,731,343	17,083,489	23,435,634	5,816,972	12,615,611	19,214,290	25,812,969
25	1,874,803	2,130,748	2,379,165	2,627,581	2,368,706	6,044,158	9,611,508	13,178,858	4,243,509	8,174,906	11,990,673	15,806,439
26	1,630,263	2,011,892	2,382,297	2,752,703	664,511	1,621,671	2,550,679	3,479,690	2,294,774	3,633,563	4,932,976	6,232,393
REGION II	10,545,936	14,335,830	18,014,257	21,692,682	9,846,446	25,846,893	41,376,739	56,906,585	20,392,382	40,182,723	59,390,996	78,599,267
Cagayan	2,112,083	3,330,876	4,513,822	5,696,769	4,132,767	9,062,240	13,846,728	18,631,216	6,244,850	12,393,116	18,360,550	24,327,985
27	316,812	538,369	753,410	968,451	1,103,449	2,316,997	3,494,853	4,672,709	1,420,261	2,855,366	4,248,263	5,641,160
28	380,175	580,189	774,320	968,451	427,328	1,001,649	1,559,078	2,116,506	807,503	1,581,838	2,333,398	3,084,957
29	844,833	1,235,505	1,614,687	1,993,869	1,812,632	4,037,411	6,196,755	8,356,100	2,657,465	5,272,916	7,811,442	10,349,969
30	211,208	352,457	489,551	626,645	399,225	865,910	1,318,869	1,771,829	610,433	1,218,367	1,808,420	2,398,474
31	359,055	624,356	881,854	1,139,353	390,133	840,273	1,277,173	1,714,072	749,188	1,464,629	2,159,027	2,853,425
Isabela	7,045,637	9,152,653	11,197,698	13,242,742	4,303,508	11,734,701	18,947,329	26,159,957	11,349,145	20,887,354	30,145,027	39,402,699
32	1,409,127	1,695,454	1,973,360	2,251,266	688,561	1,872,215	3,021,056	4,169,897	2,097,688	3,567,669	4,994,416	6,421,163
33	2,818,255	3,571,011	4,301,627	5,032,242	1,248,017	3,435,083	5,557,823	7,680,563	4,066,272	7,006,094	9,859,450	12,712,805
34	2,465,973	3,293,479	4,096,647	4,899,815	2,108,719	5,735,772	9,256,147	12,776,523	4,574,692	9,029,251	13,352,794	17,676,338
35	352,282	592,709	826,064	1,059,419	258,211	691,631	1,112,303	1,532,974	610,493	1,284,340	1,938,367	2,592,393
Nueva Viscaya	799,157	1,091,093	1,374,443	1,657,792	1,038,989	3,315,158	5,524,381	7,733,605	1,838,146	4,406,251	6,898,824	9,391,397
36	543,427	733,489	917,961	1,102,432	874,933	2,753,831	4,577,468	6,401,105	1,418,360	3,487,320	5,495,429	7,503,537
37	255,730	357,604	456,482	555,360	164,056	561,327	946,914	1,332,500	419,786	918,931	1,403,396	1,887,860
Quirino	562,400	703,194	839,847	976,500	306,295	1,525,574	2,708,992	3,892,410	868,695	2,228,768	3,548,839	4,868,910
38	449,920	545,955	639,165	732,375	265,313	1,340,642	2,384,344	3,428,045	715,233	1,886,597	3,023,509	4,160,420
39	112,480	157,239	200,682	244,125	40,982	184,932	324,648	464,365	153,462	342,171	525,330	708,490
Others	26,659	58,014	88,447	118,879	64,887	209,220	349,308	489,397	91,546	267,234	437,755	608,276
REGION III	21,479,211	26,242,504	30,848,229	35,453,954	72,677,614	178,687,761	281,579,963	384,472,165	94,156,825	204,930,265	312,428,192	419,926,119
Bataan	923,606	1,380,354	1,823,668	2,266,982	5,589,237	16,499,509	27,088,891	37,678,272	6,512,843	17,879,863	28,912,559	39,945,254
40	738,885	1,027,206	1,307,047	1,586,887	3,767,705	10,202,517	16,448,070	22,693,623	4,506,590	11,229,723	17,755,117	24,280,510
41	184,721	353,148	516,621	680,095	1,821,532	6,296,992	10,640,821	14,984,649	2,006,253	6,650,140	11,157,442	15,664,744

Appendix 7.3 GROSS VALUE ADDED UP TO 2020 BY ZONE, PROVINCE AND REGION

(P000, 1990 Constant Price)

Region / Province/ Zone	Agricultural GVA (P000, 1990 Constant Price)				Non-Agricultural GVA (P000, 1990 Constant Price)				Total			
	1990	2000	2010	2020	1990	2000	2010	2020	1990	2000	2010	2020
Bulacan	4,403,238	5,911,528	7,375,456	8,839,384	21,814,591	56,280,490	89,732,686	123,184,882	26,217,829	62,192,018	97,108,142	132,024,266
42	2,641,943	3,321,513	3,981,095	4,640,677	18,629,661	46,698,157	73,941,109	101,184,062	21,271,604	50,019,670	77,922,204	105,824,739
43	1,761,295	2,590,015	3,394,361	4,198,707	3,184,930	9,582,333	15,791,577	22,000,820	4,946,225	12,172,348	19,185,938	26,199,527
Nueva Ecija	6,529,680	7,290,213	8,028,377	8,766,541	10,876,995	24,198,631	37,128,454	50,058,276	17,406,675	31,488,844	45,156,831	58,824,817
44	2,611,872	2,826,666	3,035,143	3,243,620	3,263,099	7,111,517	10,846,746	14,581,976	5,874,971	9,938,183	13,881,889	17,825,596
45	326,484	394,317	460,155	525,992	2,828,019	6,480,564	10,025,681	13,570,799	3,154,503	6,874,881	10,485,836	14,096,791
46	1,305,936	1,413,333	1,517,571	1,621,810	1,414,009	3,106,676	4,749,559	6,392,442	2,719,945	4,520,009	6,267,130	8,014,252
47	979,452	1,138,241	1,292,360	1,446,479	1,414,009	3,201,987	4,937,377	6,672,768	2,393,461	4,340,228	6,229,737	8,119,247
48	1,305,936	1,517,656	1,723,148	1,928,640	1,957,859	4,297,887	6,569,091	8,840,291	3,263,795	5,815,543	8,292,239	10,768,931
Pampanga	3,758,862	4,750,340	5,712,657	6,674,975	18,891,229	51,279,138	82,714,462	114,149,786	22,650,091	56,029,478	88,427,119	120,824,761
49	375,886	588,508	794,877	1,001,246	6,566,591	18,321,408	29,730,495	41,139,583	6,942,477	18,909,916	30,525,372	42,140,829
50	1,127,659	1,425,103	1,713,798	2,002,493	2,202,717	6,006,315	9,698,042	13,389,770	3,330,376	7,431,418	11,411,840	15,392,263
51	2,255,317	2,736,729	3,203,982	3,671,236	10,121,921	26,951,415	43,285,924	59,620,433	12,377,238	29,688,144	46,489,906	63,291,669
Tarlac	3,350,757	3,920,612	4,473,707	5,026,802	7,263,098	12,702,237	17,981,401	23,260,566	10,613,855	16,622,849	22,455,108	28,287,368
52	670,151	801,213	928,420	1,055,628	1,281,937	2,154,160	3,000,729	3,847,298	1,952,088	2,955,373	3,929,149	4,902,926
53	1,675,379	1,857,760	2,034,777	2,211,793	1,704,649	2,903,711	4,067,506	5,231,301	3,380,028	4,761,471	6,102,283	7,443,094
54	1,005,227	1,261,639	1,510,510	1,759,381	4,276,512	7,644,367	10,913,167	14,181,967	5,281,739	8,906,006	12,423,677	15,941,348
Zambales	2,513,068	2,977,577	3,428,424	3,879,270	8,242,464	17,727,757	26,934,071	36,140,384	10,755,532	20,705,334	30,362,495	40,019,654
55	502,614	648,274	789,650	931,025	649,506	1,455,928	2,238,632	3,021,336	1,152,120	2,104,202	3,028,282	3,952,361
56	1,507,841	1,733,788	1,953,090	2,172,391	201,116	403,066	599,077	795,088	1,708,957	2,136,854	2,552,167	2,967,479
57	502,613	595,515	685,685	775,854	7,391,842	15,868,762	24,096,361	32,323,960	7,894,455	16,464,277	24,782,046	33,099,814
REGION IV	43,054,482	49,182,726	55,130,728	61,078,730	104,545,514	251,316,276	393,770,250	536,224,225	147,599,996	300,499,002	448,900,978	597,302,955
Aurora	1,546,517	1,800,340	2,046,698	2,293,056	1,505,455	4,038,282	6,496,614	8,954,945	3,051,972	5,838,622	8,543,312	11,248,001
58	309,303	399,050	486,157	573,264	314,791	852,321	1,374,041	1,895,762	624,094	1,251,371	1,860,198	2,469,026
59	1,237,214	1,401,291	1,560,542	1,719,792	1,190,664	3,185,960	5,122,571	7,059,183	2,427,878	4,587,251	6,683,113	8,778,975
Belangas	6,992,048	8,033,126	9,043,584	10,054,042	9,890,006	20,985,082	31,753,832	42,522,581	16,882,054	29,018,208	40,797,416	52,576,623
60	699,205	905,864	1,106,445	1,307,025	1,550,753	3,351,183	5,098,659	6,846,136	2,249,958	4,257,047	6,205,104	8,153,161
61	1,048,807	1,136,601	1,221,813	1,307,025	1,686,246	3,586,631	5,431,122	7,275,614	2,735,053	4,723,232	6,652,935	8,582,639
62	2,796,819	3,144,883	3,482,710	3,820,536	3,272,603	6,860,109	10,342,100	13,824,091	6,069,422	10,004,992	13,824,810	17,644,627
63	2,097,614	2,341,570	2,578,351	2,815,132	3,087,660	6,567,446	9,944,885	13,322,325	5,185,274	8,909,016	12,523,236	16,137,457
64	349,603	504,208	654,265	804,324	292,744	619,713	937,066	1,254,415	642,347	1,123,921	1,591,331	2,058,739
Cavite	4,595,984	4,986,145	5,364,830	5,743,515	21,735,012	56,569,548	90,379,539	124,189,531	26,330,996	61,555,693	95,744,369	129,933,046
65	229,799	307,891	383,686	459,481	15,205,814	40,716,116	65,476,115	90,236,113	15,435,613	41,024,007	65,859,801	90,695,594
66	1,608,594	1,686,567	1,762,246	1,837,925	3,175,485	7,825,677	12,239,098	16,852,519	4,784,079	9,512,244	14,101,344	18,690,444
67	919,197	1,055,813	1,188,411	1,321,008	1,058,495	2,548,037	3,993,769	5,439,501	1,977,692	3,603,850	5,182,180	6,760,509
68	1,338,394	1,935,874	2,030,487	2,125,101	2,295,218	5,479,718	8,570,557	11,661,398	4,133,612	7,415,592	10,601,044	13,786,499
Laguna	5,742,607	6,616,600	7,464,887	8,313,174	25,258,196	61,046,181	95,781,578	130,516,976	31,000,803	67,662,781	103,246,465	138,830,150
69	574,261	633,396	690,791	748,186	14,826,561	38,767,347	62,003,992	85,240,637	15,400,822	39,400,743	62,694,783	85,988,823
70	1,148,521	1,295,055	1,437,279	1,579,503	4,506,062	9,568,241	14,481,532	19,394,823	5,654,583	10,863,296	15,918,811	20,974,326
71	3,445,564	3,998,224	4,534,630	5,071,036	3,983,218	8,539,777	12,962,319	17,384,861	7,428,782	12,538,001	17,496,949	22,455,897
72	574,261	689,925	802,187	914,449	1,942,355	4,170,816	6,333,735	8,496,655	2,516,616	4,860,741	7,135,922	9,411,104
Quezon	8,111,465	9,338,923	10,530,279	11,721,635	11,196,825	24,782,873	37,969,332	51,155,791	19,308,290	34,121,796	48,499,611	62,877,426
73	405,573	447,019	487,246	527,474	612,466	1,294,747	1,956,961	2,619,176	1,018,039	1,741,766	2,444,207	3,146,650
74	811,147	913,966	1,013,761	1,113,555	1,546,282	3,396,426	5,192,154	6,987,881	2,357,429	4,310,392	6,205,915	8,101,436
75	811,147	953,820	1,092,296	1,230,772	4,943,398	11,169,487	17,212,455	23,255,423	5,754,545	12,123,307	18,304,751	24,486,195
76	1,216,720	1,321,132	1,422,473	1,523,813	844,241	1,750,357	2,629,822	3,509,287	2,060,961	3,071,489	4,052,295	5,033,102
77	1,216,720	1,360,985	1,501,007	1,641,029	913,661	1,900,532	2,858,377	3,816,222	2,130,381	3,261,517	4,359,384	5,457,251
78	2,027,866	2,294,877	2,554,035	2,813,192	1,231,651	2,418,261	3,569,971	4,721,680	3,259,517	4,713,138	6,124,006	7,534,872
79	811,147	993,673	1,170,831	1,347,988	683,006	1,591,763	2,473,792	3,355,820	1,494,153	2,585,436	3,644,623	4,703,808
80	811,145	1,053,451	1,288,630	1,523,812	422,120	1,261,300	2,075,800	2,890,302	1,233,265	2,314,751	3,364,430	4,414,114
Rizal	4,064,343	4,986,672	5,881,873	6,777,074	23,041,831	56,866,868	89,697,051	122,527,235	27,106,174	61,853,540	95,578,924	129,304,309
81	2,438,606	3,084,171	3,710,749	4,337,327	8,419,485	22,878,780	36,912,802	50,946,824	10,858,091	25,962,951	40,623,551	55,284,151
82	812,869	974,293	1,130,969	1,287,644	12,398,809	29,400,275	45,901,698	62,403,121	13,211,678	30,374,568	47,032,667	63,690,765
83	812,868	928,208	1,040,156	1,152,103	2,223,537	4,587,813	6,882,551	9,177,290	3,036,405	5,516,021	7,922,707	10,329,393
Others	12,001,518	13,420,921	14,798,577	16,176,233	11,918,189	27,027,441	41,692,303	56,357,166	23,919,707	40,448,362	56,490,880	72,533,399
REGION V	12,819,827	15,596,275	18,291,063	20,985,850	18,053,859	47,995,403	77,056,313	106,117,225	30,873,686	63,591,678	95,347,376	127,103,075
Albay	1,974,253	2,423,258	2,859,057	3,294,855	5,126,529	14,005,419	22,623,165	31,240,911	7,100,782	16,428,677	25,482,222	34,535,766
84	592,276	726,978	857,718	988,457	804,865	2,247,711	3,648,121	5,048,531	1,397,141	2,974,689	4,505,839	6,036,988
85	394,851	507,057	615,963	724,868	1,084,261	2,909,037	4,680,143	6,451,248	1,479,112	3,416,094	5,296,106	7,176,116
86	789,701	913,290	1,033,244	1,153,199	2,940,577	8,057,939	13,024,790	17,991,641	3,730,278	8,971,229	14,058,034	19,144,840
87	197,425	275,933	352,132	428,331	296,826	790,732	1,270,111	1,749,491	494,251	1,066,665	1,622,243	2,177,822
Camarines N.	1,243,523	1,604,861	1,955,57									

Appendix 7.3 GROSS VALUE ADDED UP TO 2020 BY ZONE, PROVINCE AND REGION

(P'000, 1990 Constant Price)

Region / Province/ Zone	Agricultural GVA (P'000, 1990 Constant Price)				Non-Agricultural GVA (P'000, 1990 Constant Price)				Total			
	1990	2000	2010	2020	1990	2000	2010	2020	1990	2000	2010	2020
Camarines S.	5,320,228	5,901,029	6,464,748	7,028,467	5,155,452	19,165,888	32,764,252	46,362,616	10,475,680	25,066,917	39,229,000	53,391,083
90	1,064,046	1,251,896	1,434,221	1,616,547	359,335	1,302,760	2,218,437	3,134,113	1,423,381	2,554,656	3,652,658	4,750,660
91	532,023	637,897	740,657	843,416	230,964	800,308	1,352,906	1,905,504	762,987	1,438,205	2,093,563	2,748,920
92	532,023	590,103	646,475	702,847	495,439	1,807,163	3,080,307	4,353,450	1,027,462	2,397,266	3,726,782	5,056,297
93	2,128,091	2,264,824	2,397,536	2,530,248	2,652,480	10,158,775	17,444,297	24,729,819	4,780,571	12,423,599	19,841,833	27,260,067
94	1,064,045	1,156,309	1,245,859	1,335,409	1,417,234	5,096,882	8,668,305	12,239,730	2,481,279	6,253,191	9,914,164	13,575,139
Sorsogon	1,343,518	1,796,085	2,235,341	2,674,598	2,504,412	3,539,888	4,544,909	5,549,931	3,847,930	5,335,973	6,780,250	8,224,529
95	268,704	386,498	500,828	615,158	379,919	534,737	685,001	835,265	648,623	921,235	1,185,829	1,450,423
96	403,055	511,544	616,842	722,141	1,251,705	1,775,841	2,284,561	2,793,280	1,654,760	2,287,385	2,901,403	3,515,421
97	537,407	691,153	840,377	989,601	538,949	765,935	986,245	1,206,555	1,076,356	1,457,088	1,826,622	2,196,156
98	134,352	206,890	277,294	347,698	333,839	463,375	589,102	714,831	468,191	670,265	866,396	1,062,529
Others	2,938,305	3,871,042	4,776,346	5,681,650	3,279,787	7,057,088	10,723,292	14,389,496	6,218,092	10,928,130	15,499,638	20,071,146

Appendix 7.4 AGRICULTURAL PRODUCTION ESTIMATE UP TO 2020 BY ZONE, PROVINCE AND REGION

(Unit : ton)

Region / Province	2000						2010						2020							
	Crops		Livestock		Fishery		Crops		Livestock		Fishery		Crops		Livestock		Fishery		Total	
	Total	Feracity	Total	Feracity	Total	Feracity	Total	Feracity	Total	Feracity	Total	Feracity	Total	Feracity	Total	Feracity	Total	Feracity	Total	
CAR	946,815	20,257	3,272	118,731	1,089,075	6,399	102,383	1,780,927	2,328,216	27,871	9,435	86,910	2,452,432	3,008,608	31,617	12,470	71,238	3,123,933		
Abra	111,993	2,685	368	23,425	138,411	434	20,239	401,857	636,279	3,631	498	17,147	657,555	894,539	4,997	562	14,055	913,253		
Zone 2	95,143	2,282	313	4,683	102,423	365	4,048	322,308	528,850	3,031	415	3,430	535,726	742,467	3,401	466	2,811	749,145		
Zone 3	16,790	403	55	18,740	35,988	69	16,191	79,549	107,429	600	83	13,717	121,829	152,072	596	96	11,244	164,106		
Region	327,067	11,119	526	7,895	346,907	3,200	6,821	467,495	557,711	15,543	5,795	5,779	584,829	671,312	17,721	8,392	4,737	702,162		
Zone 4	124,285	4,225	200	2,763	131,473	1,159	2,387	172,761	202,935	5,669	2,080	2,022	212,716	241,672	6,380	3,021	1,658	257,731		
Zone 5	156,992	5,337	252	2,763	165,344	1,822	4,025	249,710	289,710	6,285	2,357	2,022	261,274	296,377	7,797	3,692	1,658	348,504		
Zone 6	45,790	1,557	74	2,369	49,790	619	2,047	80,769	105,066	2,889	1,149	1,735	110,839	134,263	3,544	1,679	1,421	149,907		
ML Province	99,535	713	1,075	63,135	164,438	807	1,216	215,554	216,681	898	1,353	46,215	265,147	274,379	988	1,490	37,883	314,738		
Zone 7	49,768	357	538	41,038	91,701	621	35,457	118,314	112,937	465	702	30,040	144,144	144,049	519	782	24,623	169,973		
Zone 8	49,767	356	537	22,097	72,737	595	19,092	97,240	103,744	433	651	16,175	121,063	130,330	469	708	13,258	144,765		
Iligan	119,016	4,912	742	19,314	143,984	874	16,687	228,899	289,539	6,638	1,002	14,137	311,316	373,529	7,487	1,129	11,588	395,733		
Zone 9	119,016	4,912	742	19,314	143,984	874	16,687	228,899	289,539	6,638	1,002	14,137	311,316	373,529	7,487	1,129	11,588	395,733		
K. Aplayo	289,264	828	561	4,962	295,615	997	4,237	467,122	628,006	1,161	795	3,632	635,385	794,849	1,324	897	2,377	800,047		
Zone 10	120,169	373	252	3,225	134,019	444	3,012	208,352	277,277	513	348	2,360	280,498	349,734	583	395	1,935	352,647		
Zone 11	28,926	83	56	1,489	30,534	55,575	116	78	1,286	148	99	1,089	82,775	107,305	179	121	893	108,498		
Zone 12	130,169	372	253	248	131,042	300,767	437	201,715	269,289	500	339	183	270,311	337,810	562	381	149	338,902		
REGION I	2,503,956	40,936	73,885	2,261	2,622,038	51,609	92,700	2,467,689	4,114,703	61,963	110,961	1,808	4,289,438	4,908,057	72,328	129,223	1,382	5,111,190		
Ilocos Norte	228,580	7,018	2,221	594	236,413	8,806	2,787	482,754	705,557	10,541	3,396	474	719,908	940,486	12,277	3,885	416	957,064		
Zone 13	45,716	1,404	444	47,938	102,120	1,866	390	104,912	156,865	2,314	732	299	160,210	211,609	2,762	874	262	215,907		
Zone 14	52,573	1,614	511	18	54,716	98,651	1,900	143,374	218,977	2,178	689	14	146,255	188,097	2,455	777	12	191,341		
Zone 15	68,574	2,105	666	119	71,464	137,177	2,850	161,036	243,174	3,573	1,131	95	247,973	329,170	4,297	1,360	83	334,910		
Zone 16	61,717	1,895	600	85	64,295	112,680	2,190	115,658	162,144	2,476	784	66	165,470	211,610	2,763	874	59	215,306		
Ilocos Sur	255,971	5,590	3,519	186	265,266	419,950	7,172	4,515	579,106	8,708	5,482	149	593,445	738,293	10,244	6,449	130	753,086		
Zone 17	110,068	2,404	1,513	2	113,987	175,559	3,015	1,698	239,124	3,608	2,271	2	243,005	302,688	4,200	2,644	1	309,533		
Zone 18	92,150	2,012	1,267	4	95,435	141,142	2,442	1,538	188,693	2,860	1,801	4	195,358	226,244	3,278	2,064	3	241,389		
Zone 19	53,753	1,174	739	180	55,846	103,249	1,715	1,079	151,239	2,240	1,410	143	155,082	199,351	2,766	1,741	126	203,964		
La Union	239,260	7,237	9,315	179	245,991	368,288	9,312	11,986	389,727	493,482	14,578	143	519,529	618,996	13,340	17,170	125	649,331		
Zone 20	138,771	4,197	5,403	4	148,375	228,521	5,718	7,361	315,237	7,194	9,261	4	331,696	402,132	8,671	11,161	3	421,987		
Zone 21	100,489	3,040	3,912	175	107,616	139,947	3,594	4,625	178,245	4,132	5,317	139	187,833	216,544	4,669	6,009	122	227,344		
Pangasinan	1,780,145	21,091	58,830	1,302	1,861,368	2,652,504	26,319	73,412	2,163,404	31,393	87,565	1,040	2,456,556	2,610,612	36,467	101,719	911	2,749,709		
Zone 22	356,029	4,218	11,766	32	372,065	394,749	5,016	13,991	413,803	5,790	16,150	42	454,312	469,910	6,564	18,309	36	494,819		
Zone 23	302,625	3,585	10,001	781	316,992	377,254	4,846	13,518	396,319	6,075	16,931	624	473,313	522,122	7,295	20,344	547	550,306		
Zone 24	356,029	4,218	11,766	39	372,092	403,625	5,140	13,517	423,137	6,330	16,832	31	472,719	496,016	6,929	19,327	27	522,959		
Zone 25	409,433	4,851	13,531	39	427,354	456,624	5,805	16,193	478,657	6,731	18,777	31	527,966	548,239	7,658	21,361	27	577,275		
Zone 26	356,029	4,219	11,766	391	372,405	430,252	5,512	15,373	451,488	5,929	18,875	312	528,246	574,335	8,023	22,378	274	605,010		
REGION II	2,513,356	19,115	30,824	1,071,735	3,635,090	24,666	26,614	4,666,015	4,757,777	30,853	32,232	856,317	5,676,379	5,869,237	35,440	37,850	750,216	6,686,743		
Cagayan	484,334	5,604	17,545	406,888	914,371	7,130	22,323	3,653,068	1,332,158	8,611	26,960	323,104	1,692,833	1,749,742	10,092	31,597	284,822	2,076,253		
Zone 27	72,650	841	2,632	61,033	147,156	1,139	3,563	208,594	223,270	1,428	4,467	48,766	277,931	297,456	1,716	5,371	42,723	347,266		
Zone 28	87,180	1,009	3,158	44,758	136,105	1,249	3,910	40,192	228,065	1,482	4,640	35,761	269,948	297,456	1,716	5,371	31,330	333,875		
Zone 29	193,734	2,342	7,018	8,138	211,132	336,084	2,681	7,308	354,465	4,424	9,726	6,032	493,382	612,410	3,552	11,059	5,696	632,677		
Zone 30	48,433	560	1,755	113,929	164,577	747	2,340	102,308	144,247	929	2,908	9,029	239,865	192,472	1,110	3,476	79,750	276,868		
Zone 31	82,337	932	2,982	179,030	265,301	1,314	4,118	1,607,770	251,637	1,665	5,219	143,046	411,567	349,948	2,018	6,320	125,323	483,609		

Appendix 7.4 AGRICULTURAL PRODUCTION ESTIMATE UP TO 2020 BY ZONE, PROVINCE AND REGION

(Unit: ton)

Region / Province	1990						2000						2010						2020					
	Crops		Livestock		Forestry		Crops		Livestock		Forestry		Crops		Livestock		Forestry		Crops		Livestock		Forestry	
	Total	Zone	Total	Zone	Total	Zone	Total	Zone	Total	Zone	Total	Zone	Total	Zone	Total	Zone	Total	Zone	Total	Zone	Total	Zone		
Isabela	1,710,806	342,161	9,453	2,456	510,657	2,233,372	2,256,283	12,520	3,201	438,570	2,730,974	2,784,899	15,103	3,924	408,015	3,213,541	3,316,914	17,386	4,547	357,460	3,696,907	3,740,430	10,724	
	342,161	1,891	1,891	491	15,320	359,863	417,544	2,282	593	13,757	434,176	490,710	2,662	692	12,240	506,394	563,875	3,041	790	10,724	578,430	578,430	10,724	
	718,559	3,970	1,032	204,353	927,804	902,781	4,931	1,282	183,428	1,092,422	1,081,604	5,864	1,524	163,206	1,252,198	1,269,427	6,797	1,766	142,984	1,411,974	1,411,974	142,984	1,411,974	
	598,782	3,309	869	51,066	654,917	812,464	4,494	1,152	45,857	863,907	1,019,361	5,526	1,435	40,801	1,067,258	1,227,258	6,618	1,719	35,746	1,271,341	1,271,341	35,746	1,271,341	
	51,324	233	73	240,008	291,688	124,094	673	174	215,528	340,469	1,019,361	1,94,724	1,051	273	191,768	387,816	265,354	1,430	372	168,006	435,162	435,162	168,006	435,162
N. Viscaya	203,016	3,006	705	4,505	211,232	297,406	3,952	927	4,046	306,331	389,020	4,870	1,142	3,600	398,632	480,634	5,788	1,357	3,154	490,933	490,933	3,154	490,933	
	138,051	2,044	479	1,802	142,376	196,785	2,668	623	1,618	204,684	259,703	3,254	703	1,440	265,160	319,622	3,849	902	1,292	325,635	325,635	1,292	325,635	
	64,953	962	226	2,703	68,856	97,621	1,284	304	2,428	161,647	179,317	1,616	379	2,166	133,472	161,912	1,959	455	1,892	165,298	165,298	1,892	165,298	
	115,191	795	118	123,078	239,182	175,604	1,094	163	110,524	287,385	234,240	1,384	206	98,339	354,169	292,876	1,674	249	86,155	380,954	380,954	86,155	380,954	
Quirino	92,153	636	94	12,308	105,191	135,504	847	126	11,033	187,530	177,580	1,052	157	9,835	188,624	219,657	1,256	187	8,616	229,716	229,716	8,616	229,716	
	23,038	159	24	110,770	135,991	40,100	247	37	99,471	139,655	56,660	332	49	88,504	145,545	73,219	418	62	77,539	151,238	151,238	77,539	151,238	
	7,563,620	143,033	189,790	7,110	7,905,453	8,140,024	197,848	263,316	6,657	8,607,814	8,699,475	251,000	334,679	6,158	9,291,361	9,258,926	304,253	406,044	5,688	9,974,911	9,974,911	5,688	9,974,911	
Rizal	290,124	7,432	20,567	78	318,001	321,201	10,579	28,991	73	360,844	351,364	13,633	37,362	68	402,427	381,526	16,688	45,733	62	444,009	444,009	45,733	444,009	
	232,099	5,946	16,294	51	254,390	243,988	7,896	21,638	47	273,569	255,528	9,789	26,825	43	292,185	267,068	11,682	32,013	40	310,803	310,803	32,013	310,803	
	58,025	1,486	4,073	27	63,611	77,213	2,683	7,353	26	87,275	95,836	3,844	10,537	25	110,242	114,458	5,006	13,720	22	133,206	133,206	13,720	133,206	
	792,869	62,331	54,702	367	910,269	848,535	86,699	76,087	342	1,011,663	902,564	110,350	96,843	318	1,110,075	956,992	134,001	117,600	294	1,208,487	1,208,487	117,600	1,208,487	
N. Bataan	475,721	37,399	32,821	7	545,948	484,728	48,903	42,653	7	575,991	493,470	59,477	52,196	7	605,150	502,211	70,551	61,740	6	634,308	634,308	61,740	634,308	
	317,148	24,932	21,881	360	364,321	369,807	38,096	33,434	335	435,672	409,094	50,873	44,647	311	504,925	454,381	63,560	55,860	288	574,179	574,179	55,860	574,179	
	1,488,651	10,025	8,037	696	1,507,489	1,511,797	13,591	10,896	649	1,638,933	1,731,321	17,032	13,671	603	1,762,647	1,830,845	20,514	16,446	557	1,888,362	1,888,362	16,446	1,888,362	
Pampanga	593,460	4,010	3,215	292	602,977	623,840	5,227	4,191	272	635,580	653,328	6,498	5,138	253	667,125	684,813	7,590	6,085	234	698,722	698,722	6,085	698,722	
	74,733	501	402	7	75,343	86,883	749	601	7	88,240	99,967	990	794	7	100,758	111,051	1,251	987	6	113,275	113,275	987	113,275	
	297,730	2,005	1,607	7	301,349	312,920	2,614	2,095	7	317,636	327,663	3,205	2,569	7	340,444	342,406	3,795	3,043	6	349,250	349,250	3,043	349,250	
	233,298	1,504	1,206	14	236,022	251,209	2,144	1,719	13	255,085	278,299	2,765	2,217	12	283,293	305,389	3,385	2,714	11	311,499	311,499	2,714	311,499	
	297,730	2,005	1,607	376	301,718	334,945	2,857	2,290	330	340,442	371,066	3,684	2,953	324	378,027	407,186	4,513	3,617	300	415,616	415,616	3,617	415,616	
	1,768,034	48,133	92,756	319	1,909,242	1,953,341	66,645	128,431	297	2,158,692	2,152,861	84,613	163,056	176	2,400,806	2,342,403	102,481	197,681	235	2,642,920	2,642,920	197,681	2,642,920	
	176,803	4,813	9,276	204	191,096	236,152	8,408	16,204	190	260,954	295,756	11,897	22,928	176	328,757	351,360	15,387	29,652	163	396,562	396,562	29,652	396,562	
	530,410	14,440	27,827	3	572,680	589,996	19,994	38,529	3	647,522	645,859	25,384	48,916	3	770,162	702,721	30,774	59,304	3	792,802	792,802	59,304	792,802	
Tarlac	1,060,821	28,880	53,653	112	1,145,466	1,138,171	36,243	73,698	104	1,250,216	1,213,246	47,532	91,212	97	1,351,887	1,288,322	56,420	108,725	89	1,453,556	1,453,556	108,725	1,453,556	
	2,678,642	9,049	3,329	285	2,691,305	2,803,341	12,052	4,434	266	2,822,593	2,929,399	14,967	5,506	247	2,950,019	3,052,758	17,881	6,578	228	3,077,445	3,077,445	6,578	3,077,445	
	535,728	1,810	666	180	538,384	571,547	2,471	909	168	575,095	606,313	3,113	1,145	156	610,727	641,079	3,755	1,381	144	646,359	646,359	1,381	646,359	
	1,339,321	4,525	1,665	11	1,345,522	1,340,545	5,662	2,063	10	1,348,400	1,341,990	6,765	2,489	9	1,351,193	1,343,214	7,868	2,894	9	1,353,965	1,353,965	2,894	1,353,965	
Zambales	803,593	2,714	998	94	807,999	893,649	3,919	1,442	88	899,098	981,066	5,089	1,872	82	988,099	1,068,465	6,258	2,303	75	1,077,101	1,077,101	2,303	1,077,101	
	545,300	6,063	10,599	5,365	567,327	589,331	8,282	14,477	5,000	632,066	632,066	10,435	18,241	4,646	665,388	674,892	12,588	22,006	4,292	713,688	713,688	22,006	713,688	
	109,060	1,213	2,120	268	112,661	127,043	1,828	3,195	250	132,316	144,487	2,425	4,238	233	151,393	161,302	3,021	5,281	215	170,469	170,469	5,281	170,469	
	327,180	3,638	6,359	2,845	340,020	344,421	4,798	8,387	2,650	360,256	361,155	5,924	10,355	2,463	379,897	377,889	7,049	12,323	2,275	399,536	399,536	12,323	399,536	
	169,060	1,212	2,120	2,354	174,646	177,867	1,656	2,395	2,100	124,518	126,414	2,066	3,648	1,950	134,098	134,961	2,518	4,402	1,802	143,483	143,483	4,402	143,483	
	19,789,850	284,778	1,294,838	349,632	21,721,118	20,953,815	400,634	1,819,941	325,877	23,900,267	22,083,545	513,082	2,327,638	302,802	25,227,087	23,213,276	625,530	2,833,377	279,724	26,953,937	26,953,937	2,833,377	26,953,937	
	Aurora	552,799	2,296	109	129,365	684,569	591,409	3,383	161	120,568	715,515	628,871	4,438	211	112,030	745,550	666,339	5,494	262	103,492	775,587	775,587	103,492	775,587
110,560		459	22	58,314	169,255	129,609	770	37	54,253	184,671	148,097	1,072	52	50,413	199,634	166,385	1,374	66	46,571	214,596	214,596	46,571	214,596	
442,239		1,837	87	71,151	515,314	461,794	2,613	124	66,313	530,844	480,774	3,366	159	61,617	545,916	499,754	4,120	196	56,921	560,991	560,991	56,921	560,991	
Pangasinan	3,930,123	35,626	149,745	1,424	4,116,918	4,197,384	48,227	200,710	1,328	4,419,649	4,455,754	60,457	254,117	1,235	4,772,594	4,716,186	72,687	305,524	1,142	5,095,539	5,095,539	305,524	5,095,539	
	393,012	3,563	14,975	484	412,034	467,843	5,584	23,388	451	497,246	540,473	7,506	31,555	4										

Appendix 7.4 AGRICULTURAL PRODUCTION ESTIMATE UP TO 2020 BY ZONE, PROVINCE AND REGION

(Unit: ton)

Region/ Province	1990						2000						2010						2020					
	Crops		Livestock		Forestry		Crops		Livestock		Forestry		Crops		Livestock		Forestry		Crops		Livestock		Forestry	
	Total	Value	Total	Value	Total	Value	Total	Value	Total	Value	Total	Value	Total	Value	Total	Value	Total	Value	Total	Value	Total	Value	Total	Value
Cavite	1,517,632	36,438	40,390	761	1,617,121	1,576,655	84,628	59,492	709	1,720,484	1,634,039	110,048	76,061	659	1,820,807	1,691,424	135,468	93,630	609	1,921,131	1,750,000	145,000	100,000	700
Zone 65	75,877	2,020	23	80,842	80,842	5,613	3,880	21	105,600	115,700	8,225	5,685	19	129,629	135,314	10,837	7,490	18	155,659	160,000	12,000	8,000	20	
Zone 66	531,136	20,453	14,137	565,756	565,756	354,577	28,238	19,518	28	588,361	537,917	35,794	24,740	26	598,477	541,256	43,350	29,962	24	614,592	600,000	40,000	28,000	24
Zone 67	305,506	11,688	8,078	323,957	323,957	323,957	12,653	638	364,182	360,895	24,793	17,094	593	389,028	311,138	146,167	96,792	593	442,269	400,000	150,000	100,000	548	
Zone 68	607,013	23,375	16,155	646,566	646,566	613,409	32,469	22,441	22	668,341	619,617	41,296	28,542	21	689,476	625,828	50,123	34,643	19	710,611	650,000	40,000	28,000	19
Laguna	1,706,607	109,535	72,534	1,890,680	1,890,680	1,779,952	153,763	101,822	1,868	2,037,405	1,831,140	196,699	130,249	1,736	2,179,815	1,922,327	239,618	158,675	1,603	2,322,223	2,000,000	300,000	200,000	1,603
Zone 69	170,661	10,934	7,253	188,968	188,968	171,459	9,643	6,543	99	195,757	172,254	18,064	11,962	86	202,346	173,009	21,566	14,281	80	208,596	180,000	20,000	14,000	80
Zone 70	341,521	12,907	401	378,136	378,136	349,454	19,823	374	399,591	357,548	37,733	24,987	348	435,242	365,242	43,527	30,148	321	441,238	380,000	40,000	30,000	321	
Zone 71	1,023,964	65,721	43,520	1,133,946	1,133,946	1,074,507	93,073	61,632	691	1,229,903	1,123,563	119,620	79,212	642	1,323,037	1,172,619	146,167	96,792	593	1,416,171	1,200,000	150,000	100,000	593
Zone 72	170,661	10,935	7,254	189,630	189,630	184,532	16,190	10,722	710	212,154	197,995	21,273	14,088	660	234,016	211,457	26,338	17,454	609	235,878	200,000	30,000	20,000	609
Quezon	3,408,530	25,187	175,139	64,764	3,671,620	3,687,756	31,767	239,944	60,360	4,019,827	3,958,769	40,995	302,843	56,086	4,327,979	4,229,783	48,422	365,742	51,811	4,695,758	4,300,000	400,000	300,000	51,811
Zone 73	170,427	1,159	8,757	206,896	206,896	177,197	1,506	11,375	24,747	214,825	183,768	1,843	13,916	22,994	190,340	164,538	16,458	12,242	20,242	230,219	200,000	30,000	20,000	20,242
Zone 74	340,853	2,319	17,514	6,476	367,162	361,285	3,095	23,373	6,036	394,089	381,707	3,848	29,059	5,609	420,223	401,359	4,600	34,745	5,181	446,355	400,000	50,000	40,000	5,181
Zone 75	340,853	2,319	17,514	3,238	363,904	375,966	3,259	24,616	3,018	408,859	410,046	4,171	31,509	2,804	448,330	444,127	5,084	38,403	2,591	490,205	450,000	40,000	30,000	2,591
Zone 76	511,280	3,478	26,271	4,333	546,562	524,401	4,436	33,503	4,223	566,367	537,136	5,666	42,526	3,926	586,954	549,872	6,295	47,546	3,627	607,340	550,000	60,000	40,000	3,627
Zone 77	511,280	3,478	26,271	6,476	547,505	538,783	4,600	34,748	6,036	584,167	565,477	5,669	42,526	5,609	619,751	592,170	6,779	51,204	5,181	655,334	600,000	60,000	40,000	5,181
Zone 78	852,133	5,797	43,785	9,067	910,762	907,558	7,777	58,743	8,451	985,529	961,353	9,699	75,261	7,853	1,052,166	1,015,148	11,621	87,778	7,254	1,121,801	1,000,000	120,000	80,000	7,254
Zone 79	340,853	2,319	17,514	7,124	367,810	390,347	3,424	23,860	6,639	428,270	438,386	4,497	33,960	6,169	483,012	486,425	5,569	42,060	5,699	539,753	480,000	60,000	40,000	5,699
Zone 80	340,851	2,318	17,513	1,297	361,979	411,919	3,670	27,724	1,208	444,521	480,896	4,982	37,636	1,122	524,636	549,872	6,295	47,548	1,036	604,751	550,000	60,000	40,000	1,036
Rizal	569,614	32,379	519,869	566	1,122,548	599,095	46,234	742,485	523	1,388,340	627,705	59,681	938,437	491	1,646,314	636,316	73,128	1,174,390	453	1,904,287	1,500,000	400,000	300,000	453
Zone 81	341,153	2,036	14,548	172	343,684	333,200	2,812	3,208	1,607	1,184,901	1,189,180	11,573	13,200	1,493	1,215,446	1,214,794	13,990	15,888	1,379	1,245,991	1,100,000	150,000	100,000	1,379
Zone 82	113,923	6,476	103,998	113	224,510	119,819	9,247	148,497	106	277,669	125,541	11,937	191,687	99	329,264	131,263	14,626	234,878	91	380,838	250,000	100,000	70,000	91
Zone 83	113,923	6,476	103,998	79	224,476	115,356	8,750	140,511	74	264,691	116,747	10,956	175,930	69	303,722	118,137	13,163	211,390	65	342,793	250,000	100,000	70,000	65
REGION V	5,425,989	25,920	187,652	7,504	5,647,075	6,175,742	35,834	260,607	6,983	6,479,176	6,903,444	45,457	331,406	6,497	7,286,804	7,631,146	55,080	402,203	6,002	8,094,433	7,000,000	1,000,000	700,000	6,002
Albay	1,137,176	6,788	7,742	1,724	1,155,430	1,163,566	9,216	10,512	1,607	1,184,901	1,189,180	11,573	13,200	1,493	1,215,446	1,214,794	13,990	15,888	1,379	1,245,991	1,000,000	250,000	150,000	1,379
Zone 84	341,153	2,036	14,548	172	343,684	333,200	2,812	3,208	1,607	1,184,901	1,189,180	11,573	13,200	1,493	1,215,446	1,214,794	13,990	15,888	1,379	1,245,991	1,000,000	250,000	150,000	1,379
Zone 85	227,453	1,353	1,548	431	230,772	228,283	1,796	2,048	402	232,829	229,697	2,221	2,583	574	234,825	230,811	2,647	3,019	345	236,822	200,000	40,000	30,000	345
Zone 86	454,970	2,715	3,097	1,034	461,716	465,426	3,886	4,205	964	474,281	475,672	4,629	5,280	896	485,477	485,918	5,572	6,355	827	498,672	450,000	50,000	40,000	827
Zone 87	113,718	679	774	87	115,258	116,957	922	1,051	81	118,411	118,918	1,158	1,320	74	121,470	121,479	1,393	1,589	69	124,530	100,000	20,000	15,000	69
Comenzar N.	508,020	4,412	44,639	759	537,840	626,964	6,165	62,376	707	696,212	742,400	7,866	79,591	657	830,514	827,835	9,568	96,806	607	964,817	800,000	100,000	70,000	607
Zone 88	152,409	1,324	13,592	304	167,429	217,256	2,175	22,004	283	241,718	280,195	3,001	30,363	263	313,822	343,134	3,827	38,722	243	385,926	300,000	80,000	60,000	243
Zone 89	355,621	3,088	31,247	455	390,411	409,708	3,990	40,372	424	454,494	462,205	4,865	49,228	394	516,692	514,702	5,741	59,084	364	578,891	450,000	100,000	70,000	364
Comenzar S.	2,316,590	10,025	60,145	3,258	2,390,018	2,417,490	13,944	83,638	3,036	2,518,128	2,515,623	17,748	166,480	2,821	2,642,472	2,613,356	21,552	129,302	2,606	2,766,816	2,300,000	500,000	300,000	2,606
Zone 90	463,318	2,005	12,929	652	478,004	510,154	3,009	18,050	607	531,820	555,613	3,963	23,894	564	584,054	601,072	4,957	29,739	521	636,289	500,000	150,000	100,000	521
Zone 91	231,659	1,003	6,015	1,629	240,306	241,749	1,541	9,245	1,518	271,824	286,562	2,663	12,380	1,410	315,603	315,603	2,886	15,516	1,303	333,008	250,000	80,000	60,000	1,303
Zone 92	231,659	1,003	6,015	326	239,003	241,749	1,395	8,366	304	251,914	251,542	1,775	10,648	283	264,248	261,336	2,155	12,990	261	276,682	200,000	80,000	60,000	261
Zone 93	926,636	4,010	24,058	526	935,030	951,454	5,285	31,705	304	968,748	936,131	6,522	39,127	283	982,065	940,808	7,759	46,549	261	983,177	750,000	200,000	150,000	261
Zone 94	463,318	2,004	12,928	325	477,675	474,613	2,714	16,292	303	493,922	485,575	3,403	20,431	281	509,692	496,557	4,695	24,568	260	523,460	400,000	100,000	70,000	260
Sorsogon	740,332	2,794	29,273	1,029	763,428	801,607	3,881	40,655	959	847,102	870,786	4,936	51,702	891	928,315	939,965	5,990	62,750	823	1,009,528	800,000			

Appendix 7.5 FAMILY INCOME AND EXPENDITURE ESTIMATE UPTO 2020 BY ZONE, PROVINCE AND REGION

(Unit : P000)

Region / Province/ Zone	Income				Expenditure			
	1990	2000	2010	2020	1990	2000	2010	2020
CAR	10,092,977	21,555,987	32,690,443	43,820,521	8,566,812	18,296,355	27,746,889	37,193,946
Abra	1,171,289	2,619,121	4,024,802	5,430,040	1,030,141	2,303,500	3,539,788	4,775,686
2	1,084,965	2,416,994	3,709,845	5,002,696	954,220	2,125,731	3,262,786	4,399,840
3	86,324	202,271	314,808	427,344	75,921	177,769	277,002	375,846
Benguet	5,365,220	12,447,384	19,330,407	26,206,341	4,477,996	10,389,012	16,133,818	21,872,708
4	260,213	570,916	872,480	1,174,044	217,183	476,506	728,202	979,897
5	95,501	206,484	314,203	421,922	79,708	172,339	262,245	352,151
6	5,009,506	11,673,801	18,142,088	24,610,375	4,181,105	9,743,354	15,142,007	20,540,660
Mt. Province	711,125	1,069,972	1,418,527	1,766,837	585,571	881,061	1,168,076	1,454,889
7	659,497	981,026	1,293,098	1,605,171	543,059	807,820	1,064,794	1,321,767
8	51,628	89,041	125,354	161,666	42,512	73,319	103,220	133,122
Ifugao	867,197	1,372,728	1,862,821	2,352,198	727,227	1,151,163	1,562,153	1,972,542
K. Apayao	1,978,146	4,046,782	6,053,886	8,065,105	1,745,877	3,571,619	5,343,054	7,118,121
10	479,898	1,048,060	1,599,512	2,150,964	423,550	925,000	1,411,701	1,898,403
11	236,982	440,767	638,559	836,351	209,156	389,014	563,582	738,149
12	1,261,266	2,558,884	3,818,337	5,077,790	1,113,171	2,258,426	3,369,997	4,481,569
REGION I	27,930,092	50,552,052	72,513,803	94,484,297	22,709,565	41,079,901	58,913,888	76,755,039
Ilocos Norte	3,672,152	6,803,054	9,840,191	12,881,796	3,338,129	6,184,241	8,945,117	11,710,054
13	455,347	839,684	1,212,717	1,585,749	413,928	763,305	1,102,406	1,441,508
14	1,843,420	3,421,892	4,953,938	6,485,984	1,675,741	3,110,633	4,503,322	5,896,012
15	812,280	1,515,869	2,198,764	2,881,658	738,394	1,377,983	1,998,761	2,619,539
16	561,105	1,025,609	1,474,772	1,928,405	510,066	932,320	1,340,628	1,752,995
Ilocos Sur	3,662,104	5,970,865	8,213,291	10,452,325	3,166,175	5,162,279	7,101,031	9,036,851
17	2,630,123	4,304,561	5,929,751	7,554,941	2,273,947	3,721,629	5,126,732	6,531,836
18	448,974	736,282	1,015,140	1,293,998	388,173	636,573	877,667	1,118,762
19	583,007	929,936	1,266,661	1,603,386	504,055	804,002	1,095,127	1,386,253
La Union	5,419,787	8,587,442	11,664,649	14,743,436	4,238,724	6,716,094	9,122,726	11,530,594
20	2,427,523	3,838,862	5,208,691	6,578,521	1,898,524	3,002,309	4,073,630	5,144,951
21	2,992,264	4,750,965	6,457,940	8,164,915	2,340,200	3,715,651	5,050,647	6,385,643
Pangasinan	15,176,049	29,190,691	42,795,672	56,406,740	11,966,537	23,017,287	33,745,014	44,477,540
22	317,179	614,000	902,091	1,190,182	250,101	484,149	711,313	938,476
23	3,498,079	6,740,835	9,888,216	13,035,598	2,758,287	5,315,247	7,797,003	10,278,759
24	6,587,923	12,730,860	18,693,123	24,655,386	5,194,674	10,038,470	14,739,801	19,441,133
25	3,727,238	7,174,001	10,519,389	13,864,777	2,938,981	5,656,804	8,294,691	10,932,579
26	1,045,630	1,930,995	2,792,853	3,660,797	824,494	1,522,617	2,202,206	2,886,593
REGION II	19,223,828	38,630,580	57,481,939	76,295,191	14,346,321	28,955,792	43,146,851	57,309,639
Cagayan	5,589,420	11,088,069	16,428,839	21,759,546	4,447,502	8,822,778	13,072,430	17,314,075
27	1,492,375	2,840,447	4,148,870	5,457,294	1,187,483	2,260,145	3,301,258	4,342,370
28	577,946	1,221,885	1,846,885	2,471,884	459,872	972,254	1,469,566	1,966,879
29	2,451,520	4,936,116	7,347,636	9,759,156	1,950,674	3,927,668	5,846,515	7,765,363
30	539,938	1,059,932	1,564,632	2,069,333	429,629	843,389	1,244,979	1,646,569
31	527,641	1,029,689	1,520,816	2,001,879	419,844	819,322	1,210,112	1,592,894

Appendix 7.5 FAMILY INCOME AND EXPENDITURE ESTIMATE UPTO 2020 BY ZONE, PROVINCE AND REGION

(Unit : P000)

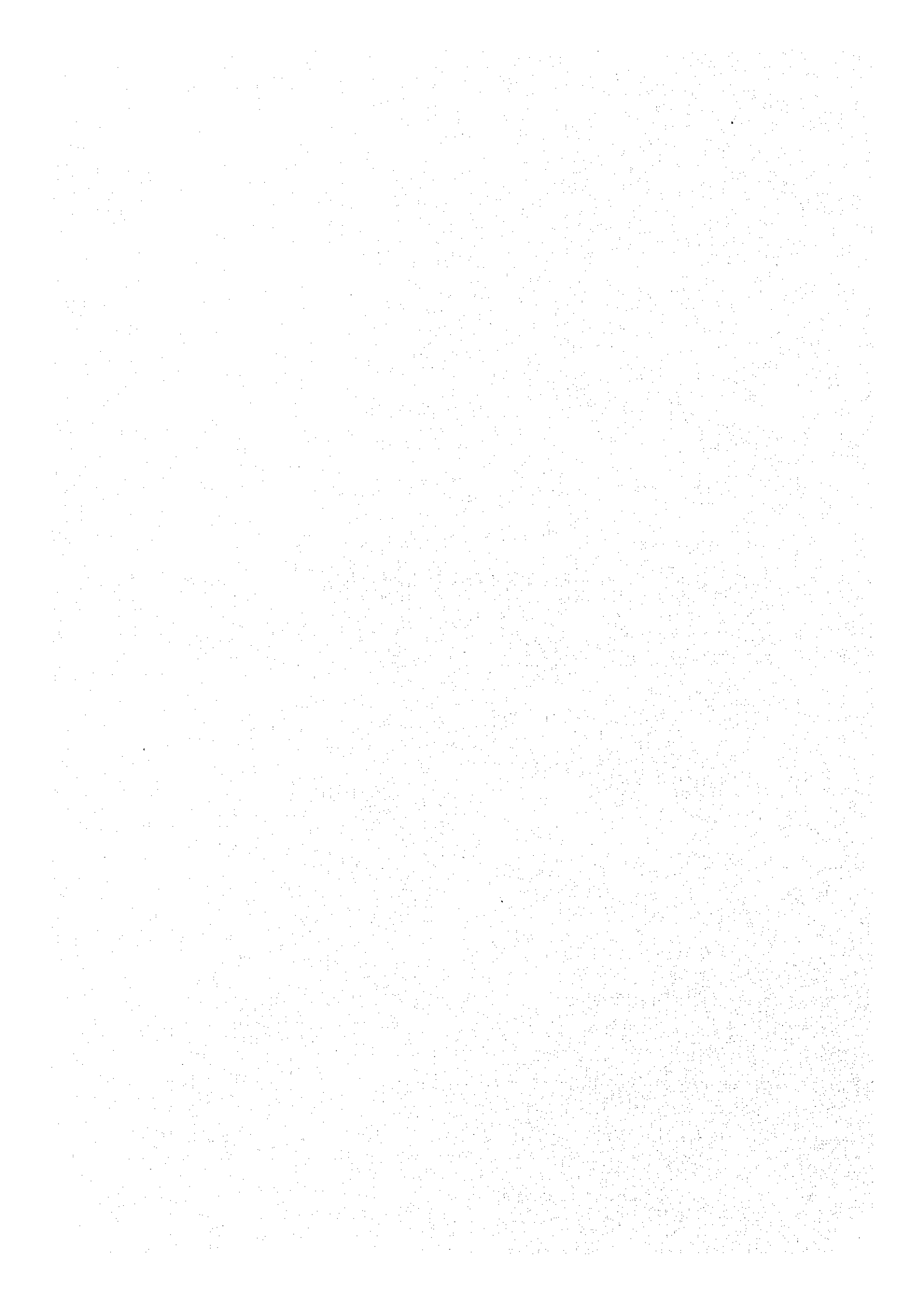
Region / Province/ Zone	Income				Expenditure			
	1990	2000	2010	2020	1990	2000	2010	2020
Isabela	9,562,287	17,598,913	25,406,701	33,195,221	6,737,914	12,400,795	17,902,429	23,390,486
32	1,529,966	2,808,826	4,050,072	5,291,318	1,078,066	1,979,194	2,853,818	3,728,443
33	2,773,063	5,143,901	7,445,009	9,746,117	1,953,995	3,624,569	5,246,008	6,867,447
34	4,685,521	8,604,710	12,408,628	16,212,546	3,301,578	6,063,172	8,743,543	11,423,913
35	573,737	1,041,476	1,502,992	1,945,240	404,275	733,860	1,059,060	1,370,683
36	2,739,265	6,487,566	10,125,623	13,763,679	2,040,341	4,832,263	7,542,070	10,251,876
37	513,632	1,313,147	2,089,147	2,865,147	382,579	978,098	1,556,102	2,134,105
Quirino	701,938	1,800,882	2,867,082	3,932,402	656,598	1,684,558	2,681,889	3,678,397
38	608,019	1,578,803	2,521,035	3,463,266	568,745	1,476,823	2,358,193	3,239,564
39	93,919	221,493	345,315	469,136	87,853	207,186	323,009	438,833
Others	117,286	342,443	560,999	779,196	81,387	237,628	389,289	540,700
REGION III	65,465,053	144,272,200	220,772,196	297,283,768	54,015,176	118,851,233	181,788,427	244,736,756
Bataan	4,114,589	11,299,405	18,265,787	25,247,662	3,699,078	10,158,337	16,421,221	22,698,033
40	2,773,644	7,000,872	11,103,770	15,206,667	2,493,548	6,293,890	9,982,457	13,671,025
41	1,340,945	4,298,962	7,169,979	10,040,995	1,205,530	3,864,833	6,445,921	9,027,008
Bulacan	19,281,782	45,730,815	71,427,375	97,116,659	15,907,328	37,727,586	58,927,059	80,120,529
42	16,466,642	37,990,336	58,880,980	79,771,624	13,584,858	31,341,747	48,576,375	65,811,003
43	2,815,140	7,755,304	12,550,169	17,345,035	2,322,470	6,398,069	10,353,797	14,309,526
Nueva Ecija	9,311,944	16,850,140	24,162,090	31,476,983	8,733,783	15,803,946	22,661,911	29,522,636
44	2,793,583	4,961,308	7,065,276	9,169,245	2,620,135	4,653,270	6,626,607	8,599,944
45	2,421,105	4,499,289	6,516,350	8,533,410	2,270,784	4,219,937	6,111,762	8,003,587
46	1,210,553	2,165,633	3,092,622	4,019,611	1,135,392	2,031,173	2,900,607	3,770,041
47	1,210,553	2,225,565	3,210,724	4,195,882	1,135,392	2,087,384	3,011,376	3,935,367
48	1,676,150	2,998,345	4,277,118	5,558,835	1,572,080	2,812,182	4,011,559	5,213,697
Pampanga	17,657,384	43,679,157	68,944,002	94,195,639	13,978,971	34,579,849	54,581,483	74,572,660
49	6,137,707	15,593,243	24,770,675	33,948,108	4,859,090	12,344,835	19,610,411	26,875,987
50	2,058,851	5,115,552	8,082,350	11,049,148	1,629,948	4,049,873	6,398,623	8,747,373
51	9,460,826	22,971,595	36,084,989	49,198,383	7,489,933	18,186,118	28,567,709	38,949,300
Tarlac	6,569,664	10,290,697	13,897,118	17,513,739	5,396,034	8,452,327	11,414,483	14,385,017
52	1,159,546	1,750,203	2,323,488	2,896,772	952,400	1,437,540	1,908,411	2,379,282
53	1,541,900	2,356,860	3,147,850	3,938,840	1,266,449	1,935,821	2,585,506	3,235,190
54	3,868,218	6,183,587	8,430,857	10,678,127	3,177,185	5,078,927	6,924,736	8,770,545
Zambales	8,529,690	16,421,986	24,075,824	31,733,086	6,299,982	12,129,188	17,782,270	23,437,881
55	672,140	1,345,594	1,999,240	2,652,886	496,439	993,848	1,476,627	1,959,407
56	208,124	374,725	536,426	698,128	153,720	276,770	396,201	515,633
57	7,649,426	14,698,526	21,540,299	28,382,072	5,649,823	10,856,249	15,909,545	20,962,841
REGION IV	72,310,005	142,330,285	210,354,495	278,367,338	60,985,545	120,460,089	178,239,254	236,009,297
Aurom	1,207,230	2,309,055	3,378,732	4,449,000	1,070,351	2,047,248	2,995,642	3,944,560
58	252,432	486,835	714,344	941,853	223,810	431,636	633,349	835,063
59	954,798	1,822,597	2,664,872	3,507,147	846,541	1,615,946	2,362,721	3,109,497
Batangas	15,811,778	27,188,542	38,241,103	49,287,179	12,048,253	20,717,116	29,138,943	37,555,829
60	2,479,287	4,334,310	6,134,773	7,935,236	1,889,166	3,302,655	4,674,571	6,046,488
61	2,695,908	4,646,532	6,539,784	8,433,036	2,054,227	3,540,563	4,983,183	6,425,802
62	5,232,117	8,901,106	12,462,184	16,023,262	3,986,767	6,782,462	9,495,931	12,209,400
63	4,936,437	8,508,217	11,974,945	15,441,673	3,761,465	6,483,089	9,124,665	11,766,241
64	468,029	798,377	1,129,417	1,453,972	356,628	608,347	860,593	1,107,898

Appendix 7.5 FAMILY INCOME AND EXPENDITURE ESTIMATE UPTO 2020 BY ZONE, PROVINCE AND REGION

(Unit : P000)

Region / Province/ Zone	Income				Expenditure			
	1990	2000	2010	2020	1990	2000	2010	2020
Cavite	12,396,373	28,971,964	45,078,759	61,172,835	10,771,165	25,173,638	39,168,775	53,152,861
65	8,672,503	20,836,234	32,642,208	44,448,182	7,535,507	18,104,530	28,362,699	38,620,869
66	1,811,110	4,017,725	6,159,440	8,301,154	1,573,667	3,490,987	5,351,915	7,212,843
67	603,703	1,309,430	1,994,400	2,679,370	524,556	1,137,759	1,732,927	2,328,095
68	1,309,057	2,808,575	4,282,711	5,744,129	1,137,435	2,440,362	3,721,234	4,991,054
Laguna	16,815,977	36,709,839	56,034,856	75,379,306	14,649,633	31,980,637	48,816,079	65,668,450
69	9,870,978	23,253,122	36,241,674	49,230,225	8,599,335	20,257,503	31,572,784	42,888,065
70	2,999,970	5,788,444	8,494,904	11,201,365	2,613,495	5,042,740	7,400,536	9,758,332
71	2,651,880	5,164,019	7,602,272	10,040,524	2,310,247	4,498,756	6,622,897	8,747,038
72	1,293,149	2,504,254	3,696,006	4,907,192	1,126,556	2,181,638	3,219,862	4,275,015
Quezon	9,984,008	17,645,088	25,083,197	32,518,176	8,567,963	15,142,462	21,525,615	27,906,081
73	546,125	926,519	1,295,725	1,664,931	468,668	795,110	1,111,951	1,428,791
74	1,378,792	2,420,277	3,431,130	4,441,983	1,183,236	2,077,006	2,944,489	3,811,971
75	4,407,940	7,935,380	11,359,072	14,782,763	3,782,756	6,809,894	9,747,999	12,686,104
76	752,794	1,255,298	1,743,022	2,230,747	646,024	1,077,257	1,495,807	1,914,357
77	814,695	1,362,490	1,894,173	2,425,856	699,146	1,169,246	1,625,520	2,081,794
78	1,098,241	1,745,325	2,373,377	3,001,428	942,476	1,497,783	2,036,757	2,575,731
79	609,024	1,127,241	1,630,216	2,133,192	522,646	967,364	1,399,002	1,830,639
80	376,397	872,558	1,356,482	1,837,276	323,011	748,802	1,164,090	1,576,694
Rizal	3,887,013	8,869,809	13,708,777	18,549,041	3,278,269	7,480,710	11,561,848	15,644,080
81	1,420,315	3,559,723	5,636,207	7,712,691	1,197,879	3,002,235	4,753,522	6,504,808
82	2,091,602	4,592,447	7,019,737	9,447,027	1,764,037	3,873,225	5,920,378	7,967,530
83	375,096	719,933	1,054,628	1,389,323	316,353	607,185	889,463	1,171,742
Others	12,207,626	20,635,988	28,829,071	37,011,801	10,599,911	17,918,278	25,032,352	32,137,436
REGION V	25,635,192	53,192,190	79,942,084	106,695,614	22,435,183	46,338,140	69,541,283	92,747,628
Albay	5,903,651	13,658,825	21,191,448	28,729,365	5,135,000	11,880,456	18,432,337	24,988,823
84	926,873	2,190,242	3,416,453	4,642,665	806,195	1,905,075	2,971,635	4,038,194
85	1,248,622	2,841,179	4,386,896	5,932,614	1,086,053	2,471,260	3,815,726	5,160,192
86	3,386,334	7,860,362	12,202,801	16,545,241	2,945,436	6,836,949	10,614,006	14,391,063
87	341,822	767,042	1,185,298	1,608,845	297,316	667,172	1,030,970	1,399,374
Camarines N.	2,586,283	4,666,714	6,685,336	8,700,793	2,259,959	4,077,892	5,841,815	7,602,973
88	1,167,448	2,096,116	2,997,470	3,898,825	1,020,145	1,831,639	2,619,266	3,406,892
89	1,418,835	2,569,100	3,685,534	4,801,968	1,239,814	2,244,945	3,220,513	4,196,081
Camarines S.	9,348,127	22,375,264	35,015,033	47,654,588	7,921,797	18,961,264	29,672,467	40,383,489
90	651,564	1,525,325	2,373,387	3,221,450	552,149	1,292,593	2,011,259	2,729,924
91	418,796	942,331	1,450,468	1,958,604	354,897	798,551	1,229,156	1,659,761
92	898,355	2,114,335	3,294,551	4,474,766	761,285	1,791,732	2,791,871	3,792,010
93	4,809,611	11,816,789	18,617,873	25,418,957	4,075,765	10,013,793	15,777,173	21,540,553
94	2,569,801	5,976,484	9,278,754	12,580,811	2,177,701	5,064,595	7,863,008	10,661,241
Sorsogon	3,262,993	4,523,349	5,745,235	6,969,155	2,940,005	4,075,605	5,176,543	6,279,313
95	494,996	683,309	866,083	1,048,858	445,999	615,672	780,355	945,037
96	1,630,844	2,268,933	2,888,255	3,507,576	1,469,414	2,044,342	2,602,360	3,160,378
97	702,196	978,581	1,246,837	1,515,094	632,689	881,717	1,123,420	1,365,123
98	434,957	592,526	744,060	897,627	391,903	533,874	670,408	808,775
Others	4,534,138	7,968,038	11,305,032	14,641,713	4,178,422	7,342,923	10,418,121	13,493,030

APPENDIX FOR CHAPTER 8



APPENDIX 8.1 PROVINCIAL OD MATRICES - 2000 (Passenger Trips)

OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
1 ABRA	1,700	821	473	37	1,827	204	1,530	770	483	252	281	59	48	96	111	325	117	149	120	149	251	283	196	308	124	88	36	171	156	1,222	12,381
2 BANGUET	821	13,995	2,901	146	3,088	1,128	3,978	6,888	1,287	1,039	1,039	209	70	114	188	342	283	488	1,335	175	270	179	199	327	128	103	43	184	176	4,802	55,975
3 MT. PROVINCE	473	2,901	857	119	586	750	878	1,011	122	327	119	118	30	53	27	54	78	48	89	41	67	65	46	100	33	35	14	69	57	76	7,818
4 ILAGUAN	37	146	119	0	51	51	50	22	30	161	818	4,414	111	28	10	20	28	15	20	22	27	20	17	45	11	16	6	32	28	32	6,447
5 KALINGA-APAYAO	1,807	387	538	91	418	968	840	147	251	1,078	485	120	101	117	64	220	182	148	147	113	207	199	192	288	130	102	46	199	114	51	9,598
6 ILOCOS NORTE	204	9,548	749	51	808	11,321	2,428	1,687	773	88	483	108	18	141	182	480	170	232	172	224	328	248	278	482	178	122	62	282	241	1,908	33,774
7 ILOCOS SUR	1,530	1,128	977	50	848	2,428	1,687	3,272	1,038	1,887	278	89	59	89	72	318	98	178	73	103	164	127	190	243	77	79	29	192	196	2,528	18,672
8 LA UNION	770	3,978	1,011	22	1,447	1,887	3,272	10,905	9,409	2,138	129	54	40	156	61	131	97	182	61	63	116	77	82	172	50	62	21	119	106	1,056	35,300
9 PANGASINAN	483	6,888	122	38	297	773	1,039	9,428	42,188	665	691	181	84	227	372	7,853	650	12,850	6,862	120	487	313	415	515	138	103	69	339	323	8,644	99,887
10 CAGAYAN	252	1,287	327	131	1,077	98	1,891	2,138	686	34,818	14,579	377	283	232	113	171	278	137	265	122	312	200	230	442	141	199	62	335	281	1,460	82,891
11 ISABELA	281	1,039	119	816	485	484	278	128	591	14,579	32,579	1,240	1,678	133	87	230	211	128	131	195	174	148	121	298	83	80	38	183	138	1,344	57,808
12 NUEVA VIZCAYA	59	208	117	4,414	120	108	89	56	161	377	1,240	14,085	204	61	44	114	95	86	63	60	78	48	42	116	28	38	14	75	65	128	22,354
13 CUBINO	49	70	30	111	101	18	69	40	84	233	1,877	204	1,210	54	28	88	71	38	47	36	84	51	45	102	28	36	14	69	61	10	4,783
14 BATAAN	98	114	53	20	117	141	88	138	227	282	133	61	54	74,835	408	561	12,330	146	16,970	114	167	143	213	236	88	76	26	142	102	9,408	119,226
15 BULACAN	111	188	27	10	94	182	72	61	372	113	87	44	28	408	2,149	1,221	10,938	239	328	82	730	725	644	361	247	83	26	173	131	72,225	91,919
16 NUEVA ECLA	325	342	54	20	220	490	318	130	7,853	171	230	114	59	591	1,221	43,961	7,484	9,428	1,534	842	308	215	232	428	150	142	46	248	210	12,303	89,829
17 PAMPANGA	117	288	78	28	183	170	88	97	850	280	211	95	71	12,838	10,639	7,483	131,690	11,688	2,176	204	498	602	709	281	420	82	23	160	130	103,350	284,918
18 TARLAC	146	488	49	15	140	282	127	182	12,844	137	128	98	38	146	288	9,428	11,889	25,619	761	288	161	110	140	216	67	89	20	127	112	2,477	86,520
19 ZAMBALES	120	1,395	88	20	147	172	73	61	5,892	268	131	53	47	19,970	328	1,594	2,178	761	40,247	80	188	169	239	247	134	77	28	144	128	7,603	88,862
20 AURORA	146	175	41	23	113	204	103	63	118	122	154	59	69	115	82	842	204	239	80	1,506	141	122	111	228	95	88	26	114	98	84	5,903
21 BATAVIA	251	270	67	27	207	328	164	116	487	312	174	78	64	197	730	306	489	161	197	141	22,485	10,403	5,134	8,338	941	297	88	555	472	37,984	151,488
22 CAVITE	255	170	55	20	186	248	127	77	313	240	140	46	51	143	735	216	602	110	158	122	10,403	172,725	12,028	4,948	486	588	231	1,150	1,037	215,017	428,689
23 LAGUNA	188	188	48	17	182	278	130	81	415	220	121	42	43	213	644	232	708	140	229	111	5,134	12,925	48,028	9,435	835	219	84	423	385	73,101	155,073
24 QUEZON	306	327	100	48	288	482	243	172	515	442	288	115	102	235	930	429	281	216	247	228	9,340	4,849	9,430	26,535	677	581	1,281	2,152	1,479	3,280	72,375
25 RIZAL	124	128	33	11	130	178	77	60	188	141	84	28	29	88	287	165	430	67	134	85	841	488	835	877	5,395	108	40	182	175	125,763	137,048
26 ALEBY	86	103	35	16	102	132	79	62	183	158	90	39	38	78	83	142	60	68	77	82	287	588	240	881	108	45,734	1,448	7,078	1,022	1,822	60,392
27 CAMARINES NORTE	35	43	14	6	49	62	28	21	68	62	38	14	14	26	25	45	23	20	25	28	83	231	84	1,281	40	1,443	2,111	3,613	710	740	11,572
28 CAMARINES SUR	171	194	68	32	150	292	152	118	338	305	162	68	68	142	173	248	150	127	144	114	525	1,150	423	2,168	108	7,078	3,613	41,276	1,745	1,186	62,523
29 SORSOGON	150	176	67	38	114	241	139	108	323	281	138	65	61	132	131	210	130	112	128	86	472	1,637	948	1,478	1,75	1,023	710	1,745	8,483	1,817	19,843
30 MANILA	1,223	4,982	75	32	52	1,987	2,525	1,065	6,643	1,541	1,341	136	10	8,408	72,325	12,303	103,350	2,477	7,803	94	37,893	215,018	78,100	8,280	126,784	1,822	738	1,185	1,617	688,642	
TOTAL	12,381	55,975	7,819	8,447	9,528	33,774	18,572	35,300	99,887	62,891	57,908	22,354	4,783	119,226	81,018	99,628	294,918	66,920	86,852	5,602	151,488	423,689	155,073	72,475	137,048	60,992	11,072	62,523	18,943	680,844	2,962,948

APPENDIX 8.1 PROVINCIAL OD MATRICES - 2000 (Commodity Trips)

OID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
1 ABRA	5	21	6	1	35	2	11	13	44	11	11	2	2	8	7	10	5	7	14	12	10	11	22	7	6	3	15	10	108	433	
2 BENGUET	13	1,855	206	1	20	53	10	90	111	18	6	4	2	8	9	40	17	10	48	13	10	10	22	8	8	3	17	11	881	3,088	
3 MT. PROVINCE	7	257	2	3	0	18	81	14	8	5	7	5	1	5	2	3	5	2	4	6	5	5	12	5	4	2	8	6	1	459	
4 IFUGAO	2	10	4	0	4	3	2	1	2	1	72	156	9	2	1	4	3	1	2	3	4	3	7	7	1	3	1	5	4	312	
5 MALINGA-PAYAO	37	39	14	5	21	28	25	13	30	145	30	8	12	13	11	21	20	15	15	26	30	24	21	48	15	22	8	33	18	9	761
6 ILOCOS NORTE	3	87	28	3	26	1,818	56	270	72	4	30	5	1	12	73	31	113	25	14	30	24	21	45	15	13	6	31	21	181	3,073	
7 ILOCOS SUR	13	0	82	1	21	283	6	6	39	105	43	2	2	4	7	8	3	4	10	8	25	6	16	4	5	2	12	8	158	895	
8 LA UNION	18	1,490	11	1	15	1,704	10	4	2,279	48	105	13	11	17	4	42	3	404	54	12	10	8	15	21	5	7	3	13	10	138	6,478
9 PANGASINAN	121	916	14	2	32	89	82	690	2,734	98	37	9	6	91	139	790	964	304	18	44	33	44	80	25	27	10	59	40	750	8,281	
10 CAGAYAN	47	106	16	1	496	4	170	157	195	8,215	884	2	2	80	364	32	128	20	57	32	87	69	95	157	43	55	22	121	85	290	11,947
11 ISABELA	22	62	12	99	39	38	82	121	89	1,283	898	101	87	20	443	36	258	19	73	22	31	22	25	50	30	21	7	41	27	682	4,681
12 NUEVA VIZCAYA	3	17	9	208	7	6	4	2	11	2	106	74	18	6	37	12	28	4	4	6	8	10	6	18	2	6	2	12	8	114	747
13 GURINCO	7	12	3	28	9	1	10	8	12	2	323	44	1,258	17	17	8	45	4	11	14	23	16	18	41	9	18	6	33	23	16	2,136
14 BATAAN	7	15	6	2	16	8	5	26	48	18	10	4	4	3,087	152	74	1,027	167	913	21	11	19	38	23	352	8	3	17	11	345	6,432
15 BULACAN	6	14	3	0	15	83	28	7	50	170	175	14	8	323	38	544	3,283	1,068	229	13	121	150	28	42	19	7	2	53	9	10,109	16,666
16 NUEVA ECUA	37	80	8	2	53	57	31	38	437	21	23	10	5	196	1,241	1,518	4,197	11,850	405	218	82	87	96	105	68	30	15	65	43	2,095	23,046
17 PAMPANGA	13	89	7	2	25	158	143	106	253	190	62	19	4	1,461	833	1,648	3,208	720	506	33	27	187	31	55	34	8	3	17	10	3,038	12,801
18 TARLAC	10	80	4	1	15	50	14	189	699	9	17	2	2	135	27	6	659	352	95	6	14	25	7	26	13	7	3	15	10	864	3,300
19 ZAMBALES	8	24	6	2	18	12	7	8	318	18	18	3	4	68	100	145	470	25	576	15	14	7	12	21	25	6	3	16	10	231	2,188
20 AUFORA	7	8	2	1	6	10	5	4	3	5	4	2	3	8	5	47	14	1	5	1,106	9	7	9	17	5	6	2	13	8	22	1,344
21 BATAVAGAS	16	52	10	3	30	23	13	13	76	33	23	7	7	12	82	28	43	10	16	28	8,988	214	447	2,311	83	48	11	275	48	2,107	13,008
22 CAVITE	6	8	4	1	21	5	8	2	10	8	7	1	2	4	24	8	13	22	3	12	143	5,893	522	207	249	37	18	87	54	1,710	8,989
23 LAGUNA	15	28	10	3	26	24	18	36	65	32	18	7	7	31	57	68	45	14	29	40	1,431	1,421	708	930	17	58	13	232	35	8,158	11,506
24 QUEZON	28	48	17	6	33	39	26	22	57	53	30	14	13	25	98	48	27	17	21	47	1,330	840	810	5,087	80	32	470	214	75	698	11,029
25 RIZAL	22	43	9	3	28	28	17	16	28	30	15	8	7	80	47	23	87	8	48	30	108	2,282	28	88	24	22	8	56	38	32,995	58,203
26 ALSAY	10	17	7	3	15	13	6	8	25	22	13	5	6	10	8	18	6	7	8	18	50	121	97	84	11	3,048	22	1,145	17	71	4,868
27 CAMARINES NORTE	5	8	3	1	8	7	5	3	8	10	6	2	2	5	4	15	5	3	4	9	18	73	19	594	5	31	1	22	21	87	983
28 CAMARINES SUR	11	20	8	3	19	18	11	10	27	24	14	6	6	11	11	11	11	8	10	20	115	145	88	150	13	500	13	3,182	18	28	4,488
29 SORSOGON	15	35	11	4	19	21	14	13	37	32	17	8	8	18	13	28	15	11	13	26	80	178	56	83	17	21	12	40	1,856	8	2,106
30 MANILA	119	645	1	0	10	211	183	342	690	250	494	48	1	814	1,757	684	5,275	483	333	130	1,855	4,277	4,110	282	8,848	181	60	108	112	29,951	
TOTAL	835	6,198	523	887	1,072	4,779	1,083	2,175	9,310	10,914	3,465	681	1,589	6,322	5,950	5,647	18,273	16,254	3,902	1,977	12,059	15,788	7,248	11,834	8,042	4,288	794	5,914	2,138	63,333	231,935

APPENDIX 8.1 PROVINCIAL OD MATRICES - 2000 (Vehicle Trips)

OID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
1 ASPA	209	78	41	4	238	20	331	84	56	33	27	6	5	8	9	28	10	12	10	12	30	41	17	28	11	8	3	16	14	69	1,242
2 BENGUET	79	2,637	443	17	52	465	1,019	785	102	79	32	10	19	47	67	71	103	61	11	31	20	27	33	22	10	5	19	18	718	7,349	
3 MT. PROVINCE	41	443	47	15	60	64	122	28	11	64	14	13	4	5	3	5	11	4	9	4	6	5	5	11	3	4	2	7	8	14	1,000
4 ILAGUAO	4	17	15	0	11	5	5	2	4	20	92	470	12	4	1	2	3	1	2	2	2	2	2	4	1	2	1	3	3	4	685
5 KALINGAYAPO	288	52	60	11	59	100	96	25	38	179	61	17	13	14	12	20	24	19	17	14	26	23	21	35	17	12	6	20	13	8	1,253
6 LOOCOS NORTE	24	485	54	5	106	1,522	629	402	114	17	47	9	2	12	17	42	29	26	14	18	30	21	24	43	15	12	5	25	22	158	3,720
7 LOOCOS SUR	131	108	122	5	98	466	137	279	165	178	98	6	5	6	7	21	21	12	6	8	14	14	12	23	6	7	3	14	13	172	2,028
8 LA UNION	84	1,019	28	2	25	402	279	834	973	194	32	8	6	11	11	18	30	67	16	9	10	7	10	18	6	6	2	12	11	213	4,418
9 PANGASINAN	56	785	11	4	38	114	168	973	4,728	61	50	27	8	48	88	905	194	1,117	577	15	50	39	53	59	39	21	6	37	33	882	11,193
10 CAGAYAN	33	102	54	20	173	17	178	134	61	3,062	1,486	37	28	24	20	19	40	12	24	12	28	30	21	43	12	16	6	32	29	122	5,912
11 ISABELA	27	79	14	92	61	47	36	32	50	1,486	2,704	125	225	15	44	38	51	14	19	16	19	15	12	27	8	8	3	16	13	174	5,473
12 NUEVA VIZCAYA	6	32	13	470	17	9	6	8	27	37	123	1,515	22	7	13	21	20	9	5	5	9	5	4	11	2	4	1	7	6	65	2,477
13 QUIRINO	5	10	4	12	13	2	5	6	3	28	225	22	186	6	3	5	10	3	5	10	6	4	4	10	2	4	1	7	6	2	624
14 BATAAN	8	18	6	4	14	12	6	11	46	24	15	7	6	9,277	157	134	1,647	60	1,276	12	19	20	31	24	48	7	3	15	13	986	6,514
15 BULACAN	9	47	3	1	12	17	7	11	86	28	44	13	3	167	397	590	2,130	83	100	6	165	195	123	78	48	6	3	16	13	13,287	18,263
16 NUEVA ECLIA	28	67	5	2	28	42	21	18	905	19	38	21	5	134	580	3,722	1,843	1,709	234	105	41	29	38	44	25	17	5	25	21	1,471	11,022
17 PAMPANGA	10	71	11	3	24	29	21	30	194	43	51	20	10	1,647	2,130	1,843	12,756	1,624	681	22	100	177	107	50	82	8	2	16	13	19,251	40,788
18 TARLAC	12	150	4	1	19	26	12	67	1,117	12	14	8	3	60	80	1,709	1,624	1,540	56	27	18	15	16	23	14	7	2	14	11	812	7,256
19 ZAMBALES	10	91	9	2	17	14	6	16	577	54	19	5	5	1,276	103	234	651	59	3,914	8	20	23	34	25	22	7	2	14	12	843	9,042
20 AURORA	12	11	4	2	14	18	8	5	15	12	16	5	10	12	8	105	22	27	9	380	12	9	11	21	11	6	3	11	9	30	303
21 BATANGAS	30	31	8	2	28	30	14	10	50	28	19	9	0	19	166	41	100	18	20	12	10,078	1,364	808	1,477	232	83	10	74	48	6,997	21,855
22 CAVITE	41	20	5	2	23	21	14	7	39	20	15	5	4	20	185	29	117	15	22	8	1,541	11,758	2,155	888	216	104	54	242	188	25,351	42,923
23 LAGUNA	17	27	6	2	21	24	12	10	53	21	12	4	4	31	122	39	107	19	34	11	908	2,155	4,938	1,252	97	23	18	59	26	10,488	19,891
24 QUEZON	29	33	11	4	35	43	23	18	50	43	27	11	10	24	78	44	50	23	25	21	1,477	889	1,252	3,654	104	87	205	217	133	1,353	9,987
25 RIZAL	11	23	3	1	17	15	6	6	38	12	8	2	2	46	48	25	82	14	22	11	232	218	97	104	216	10	5	20	19	17,243	18,652
26 ALSAY	8	10	4	2	12	12	7	5	21	16	8	4	4	7	9	17	8	7	7	6	33	104	28	87	10	4,880	116	78	128	138	5,867
27 CAMARINES NORTE	3	6	2	1	6	5	3	2	6	6	3	1	1	3	3	5	2	2	2	3	10	54	13	205	5	115	181	328	65	112	1,152
28 CAMARINES SUR	18	19	7	3	20	25	14	12	37	33	16	7	7	15	18	28	16	14	14	11	74	242	59	217	20	781	326	5,357	168	105	7,717
29 SORSOGON	14	18	6	3	13	22	13	11	33	29	13	8	6	13	13	21	13	11	12	9	46	180	36	133	18	129	66	169	1,033	87	2,182
30 MANILA	69	716	14	4	8	158	172	213	882	122	174	55	2	966	13,627	1,471	19,251	612	943	33	6,967	25,351	10,468	1,933	17,343	133	112	105	87	—	101,766
TOTAL	1,242	7,948	1,000	696	1,253	3,703	2,038	4,418	11,193	5,912	5,473	2,471	694	8,514	18,235	11,023	40,738	7,256	8,042	803	21,865	42,923	19,991	9,867	18,652	6,867	1,152	7,717	2,182	101,796	374,182

APPENDIX 8.2 PROVINCIAL OD MATRICES - 2010 (Passenger Trips)

OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL	
1 ABRERA	2,216	1,075	547	43	2,426	250	1,946	978	571	310	509	73	64	127	152	438	152	177	152	181	319	359	243	403	162	112	45	220	201	1,893	15,873	
2 BENGUET	1,075	23,686	3,344	136	306	12,066	1,470	5,366	3,756	1,730	1,655	247	82	148	286	440	384	802	1,852	1,933	341	222	228	415	157	128	55	342	222	8,728	72,868	
3 MT. PROVINCE	548	3,344	338	132	679	868	639	107	133	375	137	146	34	64	33	81	92	51	96	44	78	64	83	117	38	41	18	77	87	83	8,944	
4 IFUGAO	43	186	133	0	102	59	56	25	43	227	1,044	5,674	154	58	13	25	37	18	24	25	33	28	21	56	14	20	7	38	35	40	8,213	
5 KALINGA-APAYAO	2,407	506	679	102	573	818	1,103	162	376	1,432	656	158	138	108	126	283	242	184	162	144	274	249	215	338	174	135	64	211	151	68	12,415	
6 ILOCOS NORTE	250	12,067	858	56	818	13,323	2,694	2,334	911	1,02	580	137	19	180	217	937	216	265	211	282	402	319	347	685	228	163	65	324	288	2,280	41,376	
7 ILOCOS SUR	1,995	1,069	988	54	1,102	2,863	2,105	4,244	1,234	2,407	935	86	76	88	100	418	116	151	90	122	207	189	167	913	100	99	37	183	177	3,225	24,882	
8 LA UNION	979	5,980	107	25	192	2,034	4,241	13,826	11,692	2,678	158	85	60	228	88	186	127	219	76	71	142	100	102	215	68	76	27	140	195	1,368	44,783	
9 PANGASINAN	571	8,765	133	43	376	911	1,233	11,862	50,209	784	715	220	100	286	487	8,630	887	15,728	7,439	114	590	399	507	630	228	283	72	410	393	8112	121,081	
10 CAGAYAN	310	1,736	976	227	1,432	1,02	2,407	2,678	794	44,862	19,106	495	325	302	148	211	388	154	330	136	388	307	374	561	177	193	78	954	355	1,793	36,814	
11 ISABELA	380	1,456	137	1,044	656	586	365	158	715	18,107	44,175	1,698	2,938	173	126	283	270	142	139	170	214	185	148	322	101	111	45	205	177	1,751	77,390	
12 NUEVA VIZCAYA	73	247	146	5,674	136	137	85	85	220	463	1,688	19,771	290	82	80	144	128	73	86	88	68	68	55	147	38	50	19	87	88	171	30,468	
13 QUIRINO	64	81	34	154	138	19	76	50	100	325	2,399	280	1,913	76	36	72	97	43	91	106	88	68	57	136	38	49	16	83	84	12	6,675	
14 BATAAN	127	149	53	39	157	180	88	228	290	302	173	83	76	104,814	537	728	15,013	177	25,394	135	253	181	278	303	128	96	32	182	172	10,899	160,349	
15 BULACAN	152	288	33	12	126	217	99	83	467	148	136	80	88	537	3,651	1,781	14,011	260	424	94	643	882	862	485	356	169	35	229	176	93,382	119,577	
16 NUEVA ECUIJA	439	440	81	26	283	937	417	196	9,620	211	283	144	72	728	1,781	59,947	9,897	13,749	1,946	758	200	207	303	544	209	181	60	322	278	16,827	119,022	
17 PAMPANGA	152	394	82	37	243	216	118	127	697	358	270	128	97	15,015	14,011	8,997	178,119	13,763	2,834	242	839	600	949	342	559	102	30	186	164	133,483	372,411	
18 TARLAC	177	692	51	18	194	266	161	219	15,120	154	143	73	43	177	280	13,743	13,764	28,317	927	189	198	130	194	251	79	79	24	147	130	2,286	79,686	
19 ZAMBALES	162	1,652	96	24	192	211	80	78	7,439	330	159	96	61	25,394	424	1,946	2,834	807	57,245	101	341	205	297	303	178	84	31	176	160	9,889	111,213	
20 AURORA	181	168	44	25	144	202	122	71	114	139	170	66	106	138	94	736	243	186	101	1,324	162	143	128	247	104	72	31	135	114	83	5,873	
21 BATANGAS	319	341	78	33	274	402	207	143	600	965	214	96	85	253	948	300	639	188	241	162	104,070	13,429	6,655	10,800	1,243	364	114	543	587	47,713	181,587	
22 CAVITE	339	222	94	28	249	319	199	100	336	307	186	66	68	191	892	207	800	138	206	146	13,429	288,052	17,313	6,630	650	741	936	1,505	1,388	284,074	599,316	
23 LAGUNA	243	238	53	21	215	346	167	102	507	274	148	66	57	270	892	332	849	154	207	128	8,955	17,313	80,359	12,089	1,039	268	106	521	457	85,764	199,505	
24 QUEZON	403	418	117	59	396	585	313	215	630	561	323	147	136	303	495	544	341	251	303	247	10,837	6,827	12,068	37,131	914	1,837	1,681	2,652	1,846	10,759	92,252	
25 RIZAL	162	167	39	14	174	229	100	65	238	177	101	36	38	128	336	209	589	79	173	104	1,243	660	1,039	815	7,090	130	50	241	222	189,682	184,286	
26 ALEAY	112	128	41	20	135	183	89	78	231	188	111	50	49	86	106	181	102	78	94	72	384	741	288	1,037	130	53,982	1,898	9,231	1,285	2,825	78,521	
27 CAMARINES NORTE	48	55	16	7	64	65	37	27	72	79	45	19	19	32	33	80	30	24	31	114	509	136	1,891	50	1,899	2,774	4,767	818	658	14,006		
28 CAMARINES SUR	220	242	77	39	211	324	183	146	410	384	206	87	90	183	229	322	196	147	178	136	843	1,505	521	2,852	241	9,231	4,767	54,987	2,241	1,656	52,340	
29 SORSOGON	201	222	67	35	151	208	177	155	393	356	177	86	83	172	176	278	199	130	160	114	587	1,390	457	1,856	222	1,265	916	2,241	10,764	2,013	25,286	
30 MANILA	1,593	8,729	83	40	88	2,230	3,224	1,389	8,111	1,763	1,751	171	12	10,866	93,382	15,828	133,494	2,890	9,999	83	47,712	284,874	85,763	10,756	188,892	2,035	635	1,538	2,313	968,273		
TOTAL	15,873	72,868	9,944	8,213	12,415	41,376	24,882	44,783	121,081	80,814	77,390	30,468	30,468	8,675	190,948	119,577	119,022	372,411	78,869	111,214	5,673	181,587	599,316	90,995	82,256	184,286	78,521	14,306	82,340	25,285	968,273	9,958,810

APPENDIX 8.2 PROVINCIAL OD MATRICES - 2010 (Commodity Trips)

OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
1 ABRA	9	24	8	1	98	2	11	14	48	11	12	2	2	6	9	19	7	7	8	16	14	13	13	25	10	7	3	16	10	183	520
2 BEVQUET	15	2,296	209	1	21	54	11	87	125	17	8	4	3	11	12	50	24	11	58	15	21	13	13	27	12	8	4	18	12	584	3,701
3 MT. PROVINCE	8	316	2	4	9	17	86	18	10	5	8	6	1	7	3	3	7	2	5	5	6	6	6	13	4	5	2	10	7	1	579
4 IFUGAO	2	13	5	0	6	3	3	2	3	1	87	164	0	4	2	5	4	1	2	3	5	4	4	8	2	3	1	6	4	0	386
5 KALINGA-APAYAO	43	46	16	6	25	35	30	16	37	171	37	10	14	18	14	27	28	18	18	32	38	32	27	60	19	26	9	42	22	12	822
6 ILOCOS NORTE	3	105	30	3	29	2,104	64	322	88	6	38	6	1	19	69	42	185	28	18	37	31	30	29	56	22	15	7	37	23	281	3,742
7 ILOCOS SUR	14	8	97	2	23	313	7	6	44	118	44	2	3	6	9	10	5	4	5	11	10	35	8	19	6	6	2	13	8	212	1,047
8 LA UNION	19	1,702	10	1	18	1,847	11	5	2,782	48	129	15	12	26	8	52	4	475	65	13	11	11	20	24	6	7	3	17	11	214	7,871
9 PANGASINAN	149	1,106	15	3	25	94	83	808	3,417	70	45	11	7	111	189	1,043	398	1,123	357	20	56	45	58	99	36	31	12	70	46	1,190	10,727
10 CAGAYAN	54	143	18	1	555	4	193	187	208	9,242	1,039	2	3	86	955	43	190	24	76	28	114	96	92	188	65	64	28	148	88	412	14,856
11 ISABELA	24	77	13	110	41	40	101	138	103	1,388	860	119	84	28	884	45	372	22	92	22	75	28	31	59	40	21	8	44	26	864	5,980
12 NUEVA VIZCAYA	4	21	9	225	8	6	5	2	13	2	125	83	18	9	50	15	36	4	5	7	10	14	8	16	4	6	2	14	6	177	808
13 QUIRINO	10	17	4	36	10	1	13	11	18	2	428	56	1,598	28	26	11	72	5	18	16	31	25	26	54	14	18	6	42	28	27	2,512
14 BATAN	7	16	5	2	17	8	5	27	60	15	10	4	4	4,031	182	83	1,275	157	1,087	22	12	28	43	24	459	8	3	17	11	472	8,000
15 BULACAN	8	15	3	0	17	47	28	7	83	153	181	14	5	418	45	868	4,049	106	288	14	131	203	29	48	24	7	2	63	8	13,376	18,852
16 NUEVA ECLIA	42	118	8	2	26	63	38	39	432	22	25	11	8	272	1,384	1,590	8,775	15,209	549	228	76	122	73	122	109	33	17	74	47	3,082	30,287
17 PAMPANGA	13	115	7	2	26	170	150	109	244	171	86	16	4	1,975	748	1,009	4,090	714	718	95	29	253	37	55	42	8	3	17	10	4,096	15,759
18 TARLAC	10	115	4	1	17	26	15	181	721	6	18	2	2	176	32	11	883	352	111	7	15	34	9	21	18	7	3	16	10	1,226	4,922
19 ZAMBALES	9	26	6	2	17	12	7	9	356	17	20	3	4	87	122	159	594	28	665	16	15	8	15	23	31	6	3	17	10	308	2,811
20 AURORA	8	8	2	1	7	11	6	4	4	6	5	2	3	12	6	81	18	1	6	1,151	11	10	12	20	7	6	3	16	9	29	1,429
21 BATANGAS	18	56	10	3	32	19	14	15	61	32	25	7	7	15	63	32	55	10	19	31	7,898	253	520	2,840	122	49	12	348	42	2,929	15,329
22 CAVITE	6	8	4	1	23	5	10	2	11	9	8	1	2	6	32	10	16	25	2	13	182	7,590	657	224	319	37	20	97	64	2,424	11,799
23 LAGUNA	18	31	10	3	29	24	19	89	72	32	21	7	7	43	78	88	59	18	32	44	1,622	1,702	910	1,107	23	59	15	297	36	8,715	16,211
24 QUEZON	32	56	18	6	42	42	26	25	38	55	35	16	14	37	48	59	37	20	28	55	1,578	808	1,078	7,354	117	86	528	273	81	1,027	13,942
25 RIZAL	22	47	9	3	30	28	18	15	30	28	16	6	6	79	57	27	111	8	59	95	120	3184	34	89	32	21	10	58	35	45,789	50,009
26 ALBAY	12	22	9	3	17	15	12	11	33	25	16	7	7	16	13	27	14	9	11	23	69	170	55	120	17	3,899	29	1,509	20	124	6,115
27 CAMARINES NORTE	8	9	3	1	8	7	5	4	11	10	6	3	3	7	6	18	6	4	5	10	23	92	24	703	8	34	1	24	23	134	1,197
28 CAMARINES SUR	13	24	9	3	18	18	13	12	34	29	17	7	7	18	16	28	20	10	13	25	159	162	128	202	20	922	18	3,913	20	51	5,652
29 SORSOGON	18	45	12	4	20	24	17	16	48	35	21	10	9	24	18	39	22	13	17	32	79	239	80	116	25	25	15	50	1,538	16	2,817
30 MANILA	131	788	1	0	12	202	181	368	827	248	543	50	1	820	2,159	789	6,855	503	401	102	2,128	5,813	5,035	313	9,100	191	63	13	109	37,960	
TOTAL	719	7,386	555	428	11,779	6,244	11,193	2,486	8,813	11,948	4,071	675	1,813	8,313	6,784	6,659	26,150	18,911	4,714	2,078	14,526	21,068	9,078	13,653	10,714	5,117	854	7,394	2,364	88,063	294,382

APPENDIX 8.2 PROVINCIAL OD MATRICES - 2010 (Vehicle Trips)

OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
1 ABRERA	298	101	47	4	298	35	180	81	68	40	34	7	8	11	12	34	12	14	12	14	37	65	21	35	13	10	4	19	16	36	1,508
2 BENGUET	101	3,390	510	21	585	139	1,290	1,939	135	107	107	38	12	25	80	87	98	128	123	12	38	28	34	41	30	12	7	24	22	683	9,389
3 MT. PROVINCE	47	510	51	17	69	79	137	30	12	58	16	4	4	7	3	6	13	5	10	4	7	6	6	12	3	4	2	8	7	16	1,140
4 IFUGAO	4	21	17	0	14	6	6	2	5	24	116	596	17	5	1	3	4	2	3	2	2	2	2	5	1	2	1	4	5	4	874
5 KALINGA-APAYAO	288	67	69	14	78	141	124	31	46	220	79	22	18	18	18	38	32	24	22	16	33	30	27	46	22	18	7	25	17	10	1,807
6 LOOCS-NORTE	35	585	73	6	141	1,804	496	484	129	18	58	11	2	15	21	52	35	29	17	21	36	27	30	53	18	14	6	30	27	187	4,440
7 LOOCS-SUR	169	139	137	8	124	496	177	381	187	223	48	7	7	7	9	27	25	14	8	17	18	15	26	8	8	3	18	16	218	2,540	
8 LA UNION	81	1,290	30	2	31	464	391	1,184	1,200	242	39	10	7	14	14	23	37	79	20	9	12	8	12	22	8	7	3	14	13	298	5,487
9 PANGASINAN	68	1,038	12	5	48	128	197	1,200	5,647	72	60	31	8	57	106	1,110	289	1,284	719	15	80	51	65	71	50	28	8	45	40	1,118	13,579
10 CAGAYAN	40	135	38	24	220	18	223	242	72	3,826	1,933	46	35	32	38	23	54	13	30	10	35	27	28	54	15	19	7	38	35	154	7,417
11 ISABELA	34	107	16	115	79	89	48	35	60	1,883	3,599	169	316	18	55	48	86	16	23	18	23	19	15	33	9	10	4	19	19	229	7,112
12 NUEVA VIZCAYA	7	28	16	596	22	11	7	10	31	48	168	2,098	30	10	18	26	26	11	7	6	11	7	5	13	3	4	2	9	8	74	3,318
13 GUIRINO	8	12	4	17	18	2	7	7	9	35	318	30	255	8	4	6	14	4	8	12	7	6	8	13	3	4	2	9	8	3	832
14 BATAAN	11	25	7	5	18	15	7	14	57	32	19	10	8	6,374	212	170	2,041	69	1,801	14	24	25	40	31	60	10	3	19	17	1,267	11,294
15 BULACAN	12	61	3	1	16	21	9	14	106	36	55	16	4	212	508	782	2,786	97	128	8	205	27	163	98	83	12	3	23	17	18,041	23,710
16 NUEVA ECUA	34	97	6	3	35	54	27	23	1,110	23	48	26	6	170	762	4,883	2,251	2,471	234	98	50	37	49	55	35	21	7	32	28	2,037	14,788
17 PAMPANGA	12	98	13	4	32	35	25	27	289	54	66	26	14	2,041	2,786	2,281	16,533	1,378	833	26	138	165	142	59	108	10	3	25	17	24,812	62,944
18 TARLAC	14	128	5	2	24	28	14	79	1,294	13	16	11	4	69	97	2,471	1,879	1,805	68	23	21	18	19	27	17	8	2	15	13	735	8,977
19 ZAMBALES	12	123	10	3	22	17	8	20	713	30	22	7	6	1,601	128	284	853	68	4,731	10	24	30	43	30	26	8	3	17	15	1,190	10,047
20 AURORA	14	12	4	2	18	21	9	6	15	13	18	6	12	14	8	86	26	23	10	352	13	11	12	28	11	7	3	12	11	28	811
21 BATANGAS	37	38	7	3	33	36	17	12	60	35	22	11	7	24	206	50	128	21	24	13	12,410	1,759	1,140	1,352	305	40	13	82	56	8,001	27,242
22 CAVITE	55	28	8	2	30	27	18	8	51	27	18	7	8	25	247	33	155	16	20	11	1,759	15,908	2,832	1,142	288	135	71	313	258	53,547	67,142
23 LAGUNA	27	34	8	2	27	30	15	12	65	29	15	5	6	40	163	46	142	19	43	12	1,140	2,832	5,500	1,593	123	28	16	75	45	13,775	25,888
24 QUEZON	35	41	12	5	46	53	29	22	71	54	33	18	13	31	86	55	59	27	30	23	1,852	1,142	1,520	4,587	128	106	244	287	164	1,788	12,852
25 RIZAL	13	30	3	1	22	18	8	8	50	15	8	3	3	80	63	35	109	17	28	11	905	298	123	128	282	12	6	24	24	23,460	25,163
26 ALBAY	10	12	4	2	16	14	9	7	28	19	10	4	4	10	12	21	10	8	9	7	40	135	28	106	12	5,827	148	1,013	154	172	7,847
27 CAMARINES NORTE	4	7	2	1	7	8	3	3	8	7	4	2	2	3	7	3	7	3	2	3	13	71	16	244	6	143	238	428	82	145	1,472
28 CAMARINES SUR	19	24	8	4	25	30	13	14	45	39	19	8	9	18	23	32	20	15	17	12	92	313	75	267	24	1,013	428	7,130	215	139	10,068
29 SORSOGON	18	22	7	3	17	27	18	13	40	35	19	6	8	17	26	17	13	13	15	11	59	258	45	184	24	154	82	215	1,282	105	2,732
30 MANILA	69	883	18	4	10	187	219	288	1,118	154	229	74	3	1,267	18,041	2,037	24,912	735	1,180	28	8,801	33,547	13,775	1,788	23,460	172	145	139	105	183,464	
TOTAL	1,569	9,398	1,140	674	1,807	4,440	2,540	5,487	13,579	7,417	7,112	3,316	832	11,204	23,710	14,786	82,944	9,917	10,047	811	27,242	57,142	25,889	12,822	25,163	7,847	1,472	10,068	2,732	133,494	485,165

APPENDIX B.3 PROVINCIAL OD MATRICES - 2020 (Passenger Trips)

OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
1. ABRERA	2,796	1,338	640	40	2,926	280	2,507	1,216	684	373	403	87	90	159	186	508	188	218	184	224	380	428	288	604	201	188	57	275	250	1,983	19,875
2. BENGUET	1,338	29,018	3,844	225	621	14,510	1,827	6,787	10,656	2,156	1,388	286	82	185	338	505	478	730	2,335	288	411	271	286	505	203	154	67	283	270	8,086	89,075
3. MT. PROVINCE	640	3,844	418	147	779	890	1,136	117	145	431	153	178	38	75	85	107	56	112	53	88	98	79	80	135	43	47	19	89	78	98	10,246
4. IFIGUAO	40	224	147	0	124	68	53	28	48	278	1,298	8,970	189	44	17	20	45	18	28	30	40	32	28	67	17	24	9	47	42	47	10,018
5. KALINGA-APAYAO	2,926	621	780	124	728	1,020	1,380	238	480	1,706	817	195	175	192	158	358	301	238	238	195	339	310	287	486	216	196	80	284	188	84	15,576
6. ILOCOS NORTE	286	1,451.0	886	69	1,028	15,970	3,895	2,424	1,047	1,06	695	107	20	220	271	718	290	318	240	373	475	388	413	708	274	194	79	388	366	2,584	43,042
7. ILOCOS SUR	2,506	1,827	1,136	63	1,859	5,905	2,840	5,308	1,468	2,883	440	102	84	111	129	482	144	184	113	175	253	213	235	387	124	121	48	227	219	9,043	30,854
8. LA UNION	1,215	6,708	117	28	228	2,424	5,308	17,058	13,883	3,289	186	75	80	286	105	180	157	283	92	88	172	123	123	280	80	82	33	177	164	1,884	64,780
9. PANGASINAN	684	10,656	145	48	480	1,947	1,488	13,886	57,620	924	838	248	114	331	588	11,242	811	17,548	8,978	153	688	481	590	741	282	273	86	481	485	9,473	141,256
10. CAGAYAN	374	2,157	431	278	1,738	106	2,880	3,298	824	55,018	23,801	618	421	374	188	235	438	179	394	171	459	974	327	682	212	242	87	487	433	2,108	99,531
11. ISABELA	403	1,888	156	1,266	817	698	440	188	838	23,802	55,007	2,171	3,119	212	155	322	327	184	188	207	283	223	173	387	117	132	55	247	218	2,157	37,211
12. NUEVA VIZCAYA	87	268	178	0,370	195	167	102	75	248	618	2,171	26,802	383	106	77	171	157	80	70	79	122	83	67	180	44	62	23	120	108	214	39,051
13. QUIRINO	80	82	38	169	179	20	94	00	114	421	3,120	383	2,449	98	47	81	122	48	74	127	107	88	71	171	47	62	24	118	107	15	8,655
14. BATAAN	158	185	75	44	100	230	111	238	331	374	212	106	88	133,565	681	328	17,583	218	30,323	201	308	239	344	371	157	120	41	234	213	12,887	200,847
15. BULACAN	180	339	38	17	168	271	128	105	588	183	155	77	47	66	3,851	2,028	17,218	384	514	136	1,158	1,230	1,073	586	440	138	42	285	224	113,188	145,528
16. NUEVA EOLA	508	505	65	28	359	717	492	138	11,242	235	322	171	81	828	2,028	67,028	11,688	13,738	2,383	1,413	455	348	353	613	238	208	69	395	318	18,824	155,481
17. PAMPANGA	188	478	107	45	301	260	144	157	811	438	327	157	122	17,853	17,218	11,688	216,828	17,892	3,445	343	771	922	1,178	399	680	121	35	222	202	161,981	454,883
18. TARLAC	218	730	58	18	238	318	184	203	17,548	179	164	80	48	213	384	13,738	17,884	34,017	1,112	379	224	171	187	234	84	84	28	175	158	3,433	92,570
19. ZAMBALES	184	2,835	112	28	236	249	113	82	8,976	394	180	78	74	30,324	514	2,323	3,445	1,112	67,881	135	285	250	342	359	207	112	38	209	182	11,786	132,467
20. AURORA	264	286	53	30	185	373	173	88	152	171	201	79	127	201	136	1,414	348	379	135	3,090	221	187	173	375	162	100	43	190	186	155	9,680
21. BATANGAS	389	411	88	40	336	475	253	172	686	458	253	122	107	306	1,159	455	771	224	285	221	125,088	18,389	8,117	19,278	1,526	432	127	782	705	57,006	230,877
22. CAVITE	428	272	73	32	311	388	213	122	481	374	223	83	88	239	1,230	348	892	172	250	197	18,384	302,080	21,575	8,319	812	915	386	1,868	1,862	350,204	710,732
23. LAGUNA	288	286	60	28	287	418	204	123	580	327	173	67	71	344	1,073	353	1,178	187	342	173	8,117	21,575	71,890	14,590	1,228	317	128	618	549	117,850	242,486
24. QUEZON	504	505	135	67	485	708	387	280	741	682	387	190	171	371	586	613	386	254	358	375	13,277	8,220	14,580	44,631	839	1,285	2,008	3,161	2,250	13,132	111,818
25. RIZAL	201	203	43	17	217	274	124	50	282	212	117	44	47	157	440	285	886	84	208	152	1,527	812	1,223	840	848	152	60	282	289	210,489	228,059
26. ALBAY	138	154	47	24	188	184	121	82	273	240	133	82	82	120	136	209	121	84	112	100	432	815	317	1,235	183	72,770	2,312	11,434	1,519	2,815	96,569
27. CAMARINES NORTE	57	67	19	9	80	78	48	33	88	57	55	23	24	41	42	69	36	29	38	43	137	386	128	2,008	80	2,312	3,513	5,930	1,142	1,138	17,789
28. CAMARINES SUR	273	263	88	47	264	386	237	177	432	487	247	120	118	224	285	385	222	175	239	190	783	1,898	818	3,161	283	1,424	5,990	69,007	2,785	1,853	102,651
29. SORSOGON	250	270	78	42	189	358	219	184	485	433	218	108	107	213	224	318	202	158	182	185	706	1,893	849	3,161	289	1,519	1,142	2,788	13,277	2,168	30,848
30. MANILA	1,923	8,086	83	47	85	2,586	3,842	1,888	9,473	2,157	2,157	214	15	12,887	113,188	18,534	181,981	3,403	11,768	155	57,068	383,286	117,250	18,132	210,488	2,816	1,137	1,882	2,468	1,111,100	
TOTAL	19,875	89,075	10,246	10,018	15,576	43,042	30,854	64,780	141,256	99,531	37,211	39,051	8,655	200,847	145,528	138,481	454,883	92,570	132,467	8,980	230,877	710,732	242,486	111,818	229,080	86,569	17,786	102,651	30,948	1,111,000	4,718,475

APPENDIX 8.3 PROVINCIAL OD MATRICES - 2020 (Commodity Trips)

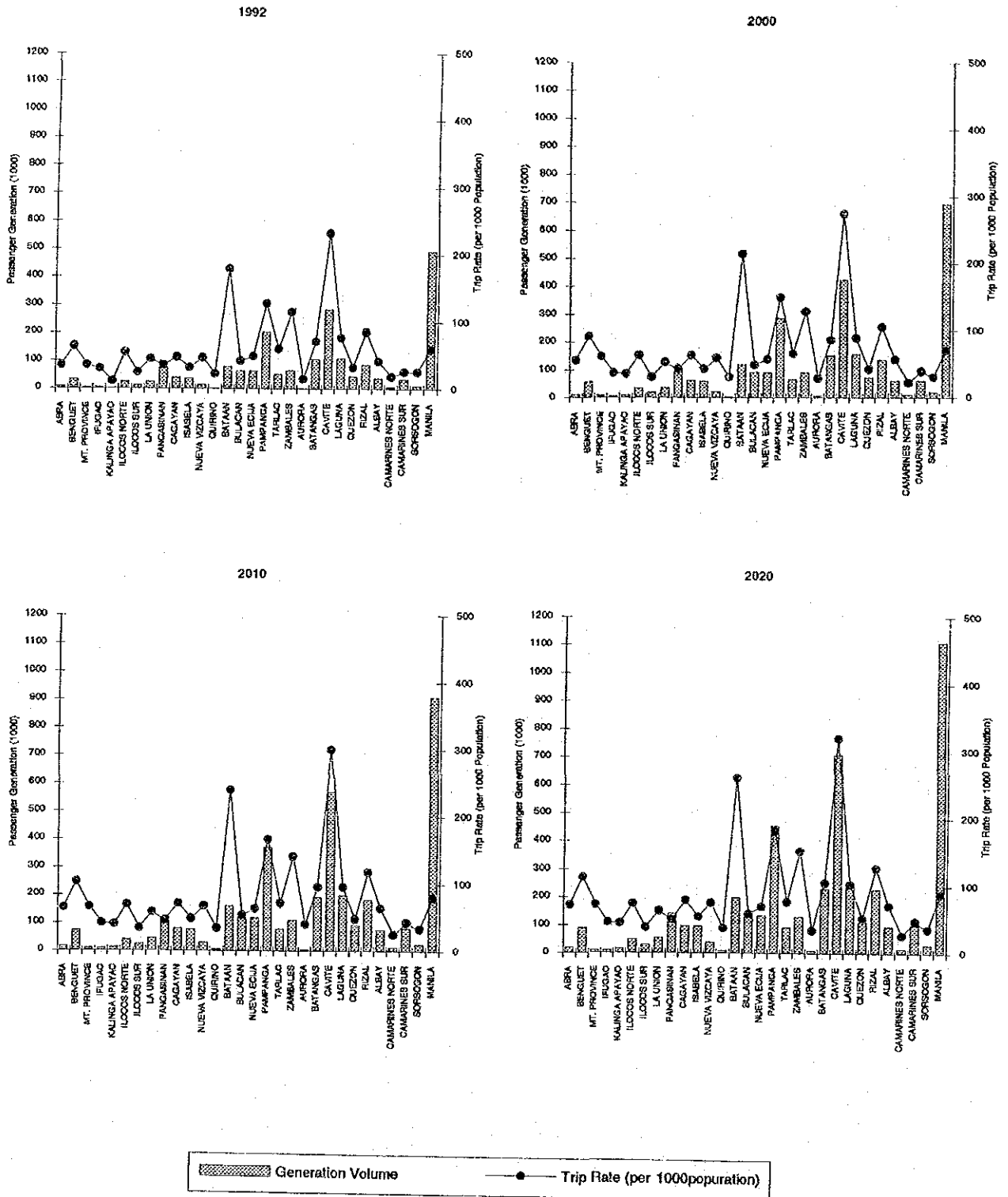
OD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
1 ABRA	10	28	9	1	38	2	12	16	53	12	13	2	2	11	11	22	8	8	19	18	17	18	23	12	7	4	18	11	196	608	
2 BENGUET	17	2,828	215	1	22	66	13	75	138	17	7	5	3	14	16	57	30	12	89	19	25	18	19	30	18	9	4	21	12	742	4,299
3 MT. PROVINCE	10	373	2	4	9	19	86	18	11	5	9	9	1	9	4	3	9	3	6	5	8	9	8	15	5	6	2	12	7	1	570
4 IFUGAO	2	17	5	0	5	3	2	3	1	169	229	10	6	2	8	6	1	3	3	3	6	5	5	10	3	3	1	7	5	0	459
5 KALINGA-APAYAO	48	59	19	7	29	41	36	18	44	188	44	11	17	24	19	32	35	23	22	29	45	40	93	72	24	33	11	51	25	16	1,111
6 ILOCOS NORTE	4	129	33	3	32	2,331	72	372	102	5	43	7	1	28	126	51	221	34	22	43	39	41	38	87	30	17	8	44	28	382	4,421
7 ILOCOS SUR	18	9	112	2	26	343	8	6	50	127	47	3	3	8	12	12	6	4	6	12	12	45	11	22	9	6	3	18	9	281	1,293
8 LA UNION	23	1,944	10	2	17	1,978	13	5	3,298	50	153	17	14	39	7	61	5	545	78	14	13	14	24	26	8	8	3	19	11	298	9,876
9 PANGASINAN	172	1,392	15	3	39	80	104	923	4,004	73	52	13	7	141	240	1,283	510	1,285	406	24	67	65	74	115	48	34	14	81	50	1,851	13,022
10 CAGAYAN	61	179	20	1	609	4	214	207	245	10,219	1,307	2	3	138	719	52	260	29	86	44	141	135	121	238	90	72	33	178	111	570	18,123
11 ISABELA	28	81	13	120	43	42	121	165	115	1,451	1,073	136	84	35	725	82	480	24	112	25	89	33	37	84	51	22	6	47	28	1,310	8,828
12 NUEVA VIZCAYA	4	24	9	243	8	8	5	3	14	2	148	91	18	12	63	17	51	5	6	7	11	18	10	20	8	7	3	15	6	242	1,070
13 QUIRINO	13	23	4	40	12	1	16	13	19	2	528	67	1,771	42	37	14	102	6	21	19	40	38	35	67	20	22	10	51	33	40	3,191
14 BATAAN	7	17	6	2	16	8	6	20	52	14	10	4	4	4,949	209	91	1,544	159	1,269	22	12	32	50	26	564	8	3	19	10	587	9,727
15 BULACAN	6	16	3	0	18	44	31	7	98	143	190	14	5	502	50	856	4,963	107	290	14	142	259	33	46	28	7	2	73	8	15,405	24,046
16 NUEVA ECUA	46	132	8	2	39	68	30	42	453	22	27	11	6	346	1,890	1,771	9,185	18,486	881	207	87	166	85	134	147	34	19	80	49	3,951	38,183
17 PAMPANGA	13	128	6	2	28	190	158	114	263	189	92	19	4	2,287	366	2,118	4,509	720	825	38	31	305	43	56	50	8	3	18	10	5,008	18,503
18 TARLAC	11	129	4	1	19	27	17	184	770	9	19	2	2	216	36	11	1,054	372	126	7	17	43	10	29	22	7	3	17	10	1,547	4,722
19 ZAMBALES	10	32	6	2	18	12	8	10	397	17	22	4	4	126	144	171	717	30	763	17	17	11	17	25	37	7	3	19	10	374	3,018
20 AUPORA	9	10	2	1	7	11	7	5	4	8	5	2	3	18	8	88	25	1	7	1,507	13	13	14	22	9	7	3	16	9	53	1,826
21 BATANGAS	17	65	9	3	33	19	14	14	85	31	26	7	7	19	74	35	87	11	21	32	8,798	201	587	2,958	151	50	13	421	41	3,705	17,520
22 CAVITE	7	9	4	1	28	5	11	3	12	9	8	2	2	7	36	11	19	27	3	14	181	9,490	911	241	389	38	22	104	55	3,121	14,897
23 LAGUNA	18	34	11	4	31	25	21	42	79	22	23	8	7	65	86	91	75	17	38	51	1,823	1,881	1,106	1,278	20	62	16	392	37	11,354	18,795
24 QUEZON	38	83	19	7	45	45	38	29	75	67	39	18	15	49	90	69	49	22	31	61	1,824	973	1,348	8,892	156	95	588	332	87	1,336	16,208
25 RIZAL	23	51	8	3	32	28	18	19	32	27	17	7	8	100	67	29	138	8	89	36	134	4,121	40	93	39	22	11	62	35	58,396	83,600
26 ALBAY	15	27	10	4	18	18	14	14	40	28	20	8	7	23	19	33	20	11	15	27	90	221	79	147	23	4,333	36	1,870	23	153	7,268
27 CAMARINES NORTE	6	10	4	1	9	8	6	5	12	11	7	3	3	8	7	22	10	4	6	11	27	113	30	811	10	36	1	26	24	194	1,415
28 CAMARINES SUR	16	28	10	4	21	20	18	14	40	29	20	8	7	25	21	34	27	12	16	28	203	241	179	254	28	744	23	4,877	22	78	6,835
29 SOCSOGON	21	64	13	5	21	28	23	20	54	37	25	11	10	34	24	47	31	19	21	37	97	304	106	138	34	29	18	61	1,715	22	3,049
30 MANILA	141	897	1	0	13	183	197	930	683	246	586	51	1	1,013	2,507	879	9,376	519	482	188	2,352	7,248	5,888	339	11,211	196	87	151	106	—	44,342
TOTAL	802	6,584	537	487	1,282	6,986	1,323	2,790	11,241	13,041	4,884	789	2,027	10,239	8,983	7,763	32,866	22,464	5,888	25,842	10,250	28,271	10,823	15,864	13,245	5,431	995	8,881	2,588	112,126	365,774

APPENDIX 8.3 PROVINCIAL OD MATRICES - 2020 (Vehicle Trips)

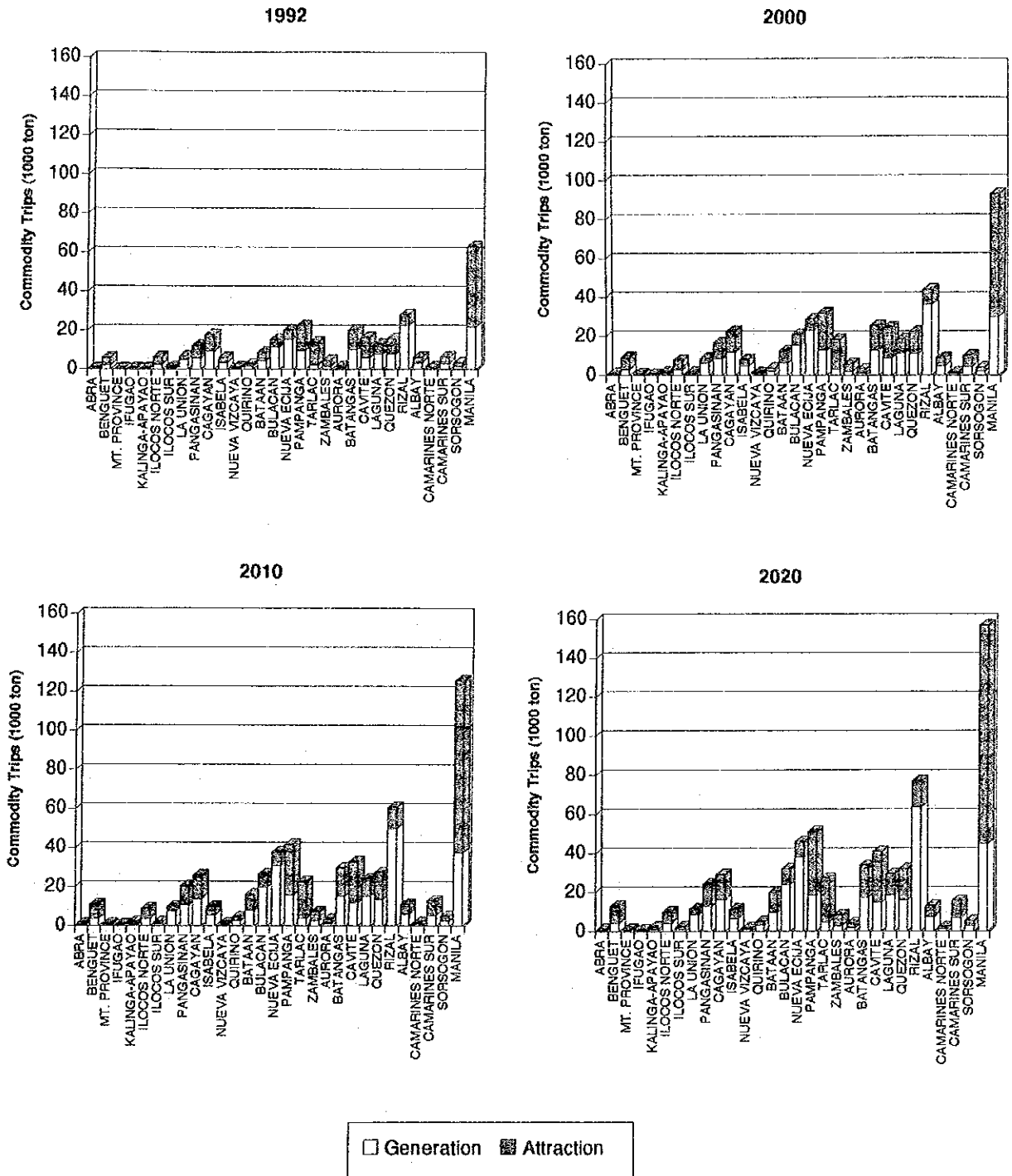
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1. ASRA	355	124	65	5	300	41	211	99	86	49	40	6	7	13	15	39	15	14	18	45	70	26	43	16	12	5	24	22	100	1,914	
2. BENGUET	124	4,959	584	25	92	701	172	1,575	1,263	108	136	44	14	31	78	103	118	155	152	18	45	32	41	49	39	15	9	28	28	1,239	11,411
3. MT. PROVINCE	55	554	55	18	79	84	158	32	14	43	18	19	4	8	3	6	15	5	11	6	8	7	6	14	4	5	2	8	8	18	1,287
4. IFIGAO	5	25	18	0	17	6	6	3	5	29	140	726	21	6	1	3	5	2	3	3	3	3	3	6	1	2	1	5	4	5	1,056
5. KALINGA-APAYAO	380	82	79	17	98	178	152	37	56	267	97	26	22	23	20	44	39	29	27	24	41	38	33	57	27	20	8	31	21	13	1,965
6. ILOCOS NORTE	41	701	84	8	178	2,090	598	525	143	19	69	14	2	19	26	59	41	33	20	29	42	34	36	63	23	17	7	36	32	217	5,198
7. ILOCOS SUR	211	172	158	6	162	599	221	451	230	273	90	6	9	9	12	32	29	18	9	13	20	24	19	35	10	11	4	22	20	265	3,025
8. LA UNION	86	1,575	32	3	37	525	451	1,459	1,419	295	46	11	8	18	17	26	49	91	24	7	14	10	14	28	10	9	3	17	15	323	6,529
9. PANGASINAN	80	1,293	14	5	58	143	230	1,419	9,501	64	70	35	11	69	125	1,300	282	1,473	899	18	89	62	76	83	61	20	9	53	47	1,533	16,828
10. CAGAYAN	49	188	43	29	297	19	273	235	84	4,600	2,283	60	44	41	44	28	69	18	36	16	41	34	31	95	18	22	9	47	41	186	8,947
11. ISABELA	40	138	18	140	87	89	80	48	70	2,283	4,427	212	406	24	67	55	83	19	28	21	27	23	17	39	11	11	5	22	19	295	8,757
12. NUEVA VIZAYA	8	44	19	726	28	14	8	11	95	60	212	2,714	38	12	20	30	31	12	8	7	14	8	6	16	3	5	2	11	9	63	4,204
13. QUIRINO	7	14	4	21	22	2	8	9	11	44	408	38	313	11	6	7	16	4	8	14	9	8	7	16	4	5	2	12	10	4	1,045
14. BATAAN	13	31	8	6	23	19	9	18	66	41	24	12	11	6,818	265	204	2,418	80	1,900	20	29	31	49	38	73	12	4	23	21	1,530	13,784
15. BULACAN	15	76	3	1	23	26	12	17	126	44	67	20	6	265	95	873	3,379	116	154	12	244	307	201	118	77	15	4	28	21	21,929	23,816
16. NUEVA ECUA	39	103	6	3	44	59	32	28	1,300	29	56	30	7	204	873	5,470	2,621	2,547	353	180	59	48	58	82	42	25	8	37	30	2,400	16,724
17. PAMPANGA	15	118	15	6	98	41	28	43	282	68	83	31	18	2,418	3,379	2,621	2,900	1,202	35	154	162	177	68	134	12	4	24	20	30,303	64,500	
18. TARLAC	16	155	5	2	29	33	16	51	1,473	16	19	12	4	80	115	2,647	2,390	2,043	80	41	26	23	23	31	20	9	3	18	15	878	10,211
19. ZAMBALES	14	152	11	3	27	20	9	24	639	38	29	8	8	1,900	154	353	1,002	80	5,601	13	28	56	52	35	33	10	4	20	18	1,417	11,935
20. AURORA	19	18	5	3	24	26	13	7	19	18	21	7	14	20	12	190	36	41	13	590	16	14	15	33	18	9	4	18	15	53	1,267
21. BATANGAS	45	45	8	3	41	42	20	14	69	41	27	14	9	29	244	58	154	26	28	16	14,999	2,105	1,363	2,216	375	48	15	110	69	10,569	32,441
22. CAVITE	70	32	7	3	38	34	24	10	62	34	23	8	8	31	307	48	182	23	38	14	2,105	20,163	3,491	1,418	381	167	88	395	320	41,379	70,869
23. LAGUNA	28	41	8	3	23	36	18	14	78	31	17	6	7	49	201	59	177	23	52	15	1,363	3,481	6,555	1,920	146	24	20	31	55	31,466	
24. QUEZON	43	48	14	6	57	63	35	28	63	95	39	16	10	33	119	62	89	31	35	33	2,216	1,418	1,820	5,472	150	125	287	319	157	2,207	15,207
25. RIZAL	18	38	4	1	27	22	10	10	61	16	11	3	4	74	77	42	134	20	33	18	376	381	148	150	340	14	8	28	29	20,189	31,281
26. ALBAY	12	15	5	2	20	17	11	8	30	22	11	5	5	12	15	25	12	9	10	9	48	167	34	125	14	8,988	183	1,249	184	208	9,463
27. CAMARINES NORTE	5	8	2	1	9	7	4	3	9	8	5	2	4	4	8	4	4	3	4	4	15	88	20	287	8	183	301	547	103	178	1,815
28. CAMARINES SUR	24	28	9	5	31	38	22	17	63	47	22	11	12	28	37	24	18	20	18	110	395	91	319	28	1,249	537	8,830	263	178	12,466	
29. SORSOGON	22	26	8	4	21	22	20	15	47	41	19	9	10	21	21	30	20	15	19	15	89	320	55	197	29	194	103	263	1,549	128	3,301
30. MANILA	109	1,290	19	5	13	217	295	323	1,333	185	285	63	4	1,630	21,028	2,400	30,303	979	1,417	53	19,609	4,379	18,804	2,207	20,189	268	178	173	122	—	163,457
TOTAL	1,914	11,411	1,297	1,056	1,981	5,189	3,082	6,628	15,898	8,947	8,757	4,204	1,045	13,784	22,816	18,724	64,500	10,211	11,935	1,257	32,441	70,869	31,466	15,207	31,281	9,463	1,815	12,466	3,301	163,457	590,249

APPENDIX 8.4 PRESENT AND FUTURE PROVINCIAL TRIP GENERATION

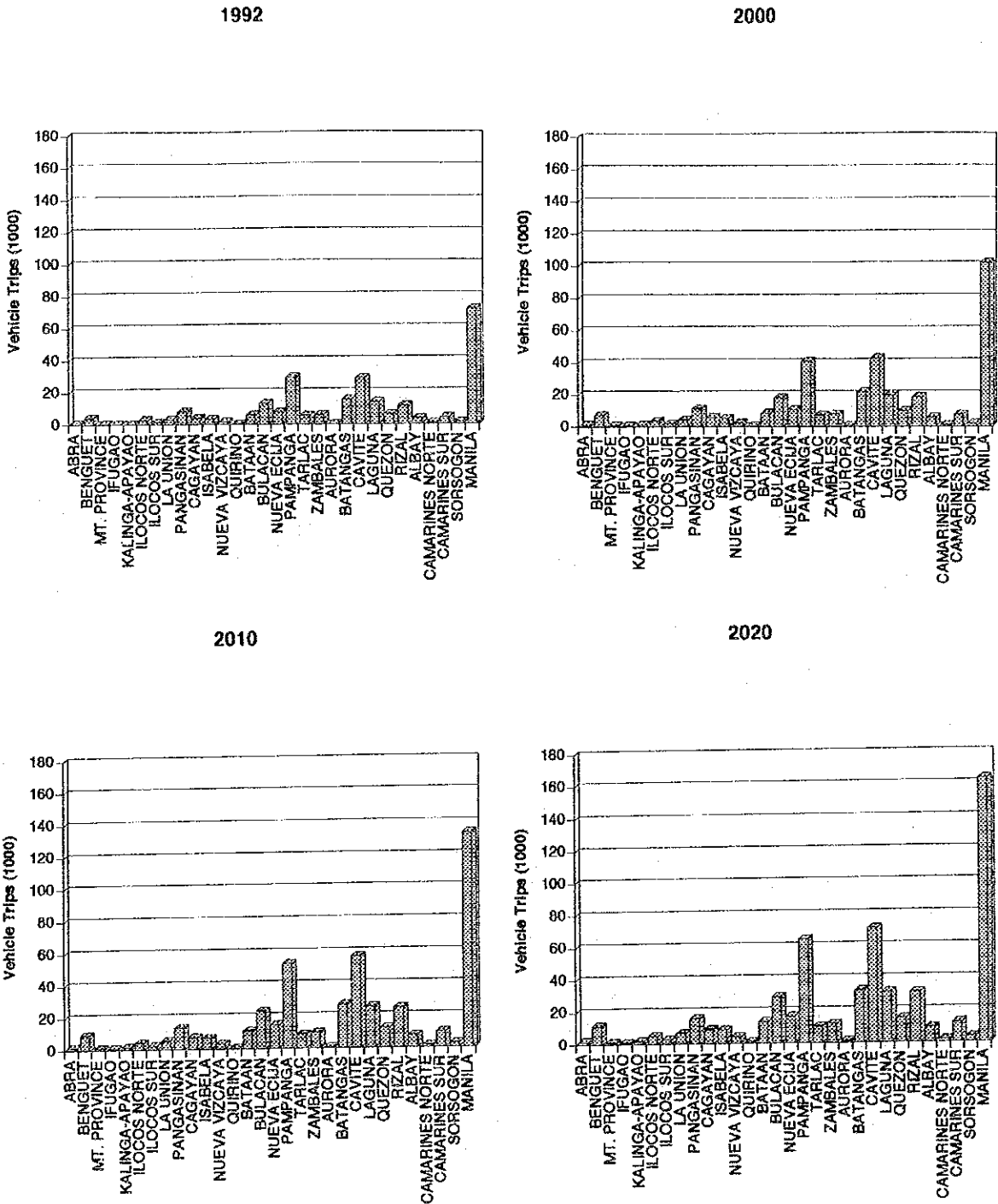
a. Passenger Trips



APPENDIX 8.4 PRESENT AND FUTURE PROVINCIAL TRIP GENERATION
 b. Commodity Trips



APPENDIX 8.4 PRESENT AND FUTURE PROVINCIAL TRIP GENERATION
 c. Vehicle Trips



APPENDIX 8.5 FUTURE REGIONAL OD MATRICES (Year 2000)

a. Passenger Trips (Trip/day)

REGION	NCR	CAR	I	II	III	IV-A	V	TOTAL
NCR	-	6,242	12,221	2,942	206,666	460,229	5,344	693,643
CAR	6,242	35,744	28,215	11,143	5,056	4,105	1,643	92,148
I	12,222	28,214	103,195	6,869	30,546	5,161	2,307	188,513
II	2,942	11,143	6,869	119,090	2,854	3,169	1,607	147,674
III	206,666	5,057	30,545	2,854	482,339	10,690	2,517	740,668
IV-A	460,227	4,106	5,161	3,169	10,690	449,637	12,172	945,162
V	5,344	1,643	2,308	1,607	2,517	12,171	128,849	154,440
TOTAL	693,644	92,148	188,513	147,674	740,668	945,161	154,440	2,962,248

b. Commodity Trips (Ton - Trip/day)

REGION	NCR	CAR	I	II	III	IV-A	V	TOTAL
NCR	-	776	1,296	792	9,124	17,503	460	29,951
CAR	499	2,678	525	504	307	375	188	5,075
I	1,228	2,791	10,139	489	3,374	537	269	18,828
II	1,052	1,202	878	13,339	1,732	832	485	19,520
III	16,701	593	2,716	813	40,245	1,985	369	63,422
IV-A	43,658	498	545	333	1,001	34,110	1,903	82,047
V	194	219	229	179	266	2,006	9,400	12,493
TOTAL	63,333	8,757	16,327	16,449	56,048	57,347	13,075	231,336

c. Vehicle Trips (Trip/day)

REGION	NCR	CAR	I	II	III	IV-A	V	TOTAL
NCR	-	813	1,435	353	37,160	61,565	440	101,766
CAR	813	5,069	3,172	1,215	637	464	170	11,540
I	1,435	3,172	12,003	688	3,289	537	228	21,353
II	353	1,215	688	11,323	438	305	158	14,480
III	37,160	637	3,289	438	50,259	1,765	258	93,806
IV-A	61,565	464	537	305	1,765	47,959	1,617	114,211
V	440	170	228	158	258	1,617	14,158	17,028
TOTAL	101,766	11,540	21,353	14,480	93,806	114,211	17,028	374,182

APPENDIX 8.5 FUTURE REGIONAL OD MATRICES (Year 2010)

a. Passenger Trips (Trip/day)

REGION	NCR	CAR	I	II	III	IV-A	V	TOTAL
NCR	-	8,512	15,004	3,727	266,147	608,073	6,810	908,273
CAR	8,512	44,889	36,245	14,465	6,647	5,206	2,089	118,053
I	15,005	36,244	125,876	8,540	37,221	6,391	2,847	232,122
II	3,727	14,465	8,540	159,065	3,591	3,939	2,050	195,378
III	266,147	6,648	37,220	3,591	632,336	13,351	3,197	962,491
IV-A	608,072	5,207	6,391	3,940	13,352	590,839	15,243	1,243,043
V	6,810	2,088	2,847	2,050	3,198	15,243	168,217	200,453
TOTAL	908,273	118,053	232,122	195,378	962,491	1,243,043	200,453	3,859,811

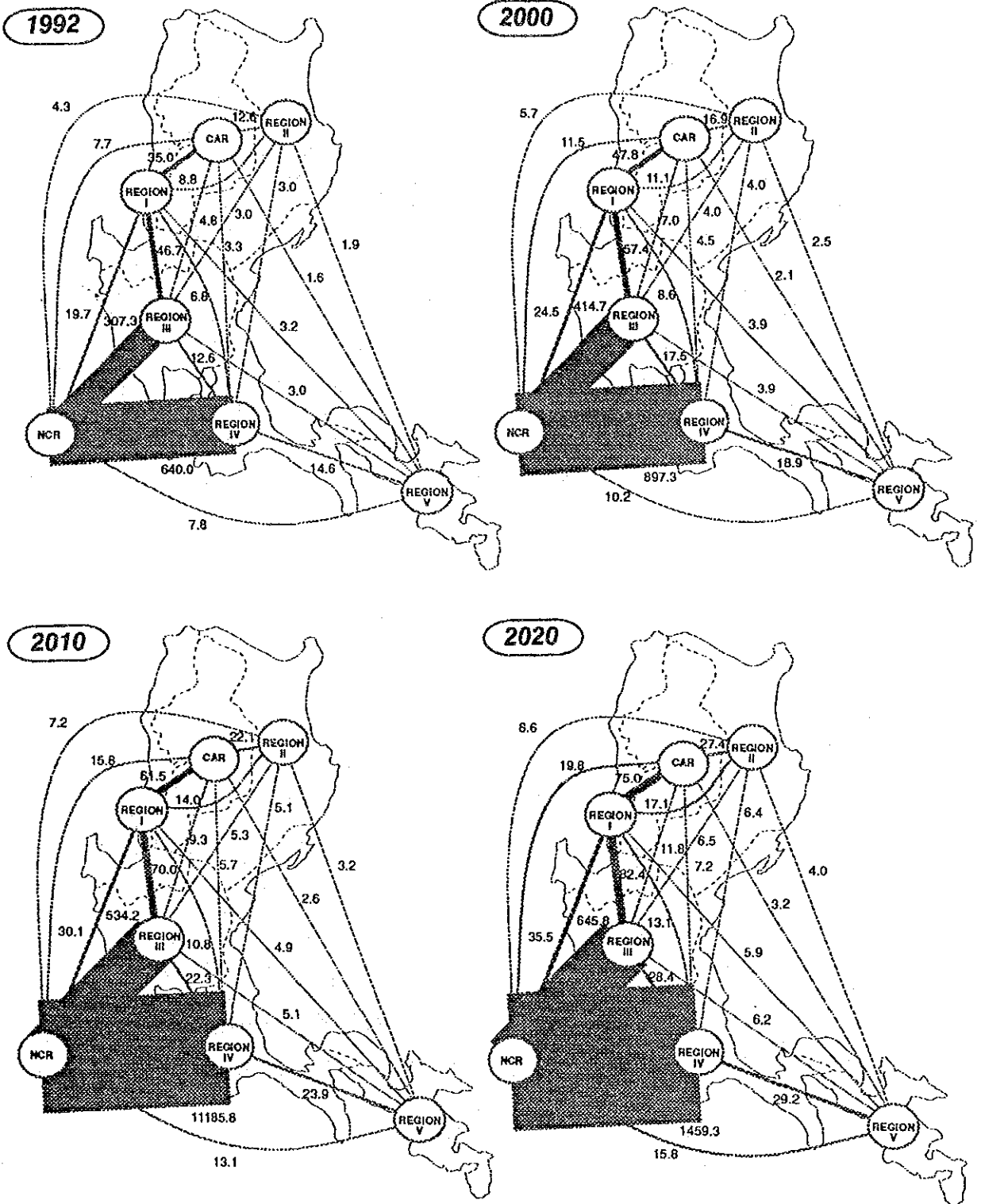
b. Commodity Trips (Ton - Trip/day)

REGION	NCR	CAR	I	II	III	IV-A	V	TOTAL
NCR	-	932	1,378	841	11,525	22,492	493	37,660
CAR	731	3,118	590	603	393	466	219	6,119
I	1,896	3,375	12,014	550	4,247	696	309	23,087
II	1,600	1,377	1,047	15,158	2,406	1,088	565	23,242
III	22,541	665	2,840	802	51,603	2,421	397	81,268
IV-A	60,973	542	588	347	1,268	41,519	2,192	107,428
V	323	257	278	207	373	2,606	11,535	15,578
TOTAL	88,063	10,267	18,735	18,507	71,814	71,288	15,709	294,382

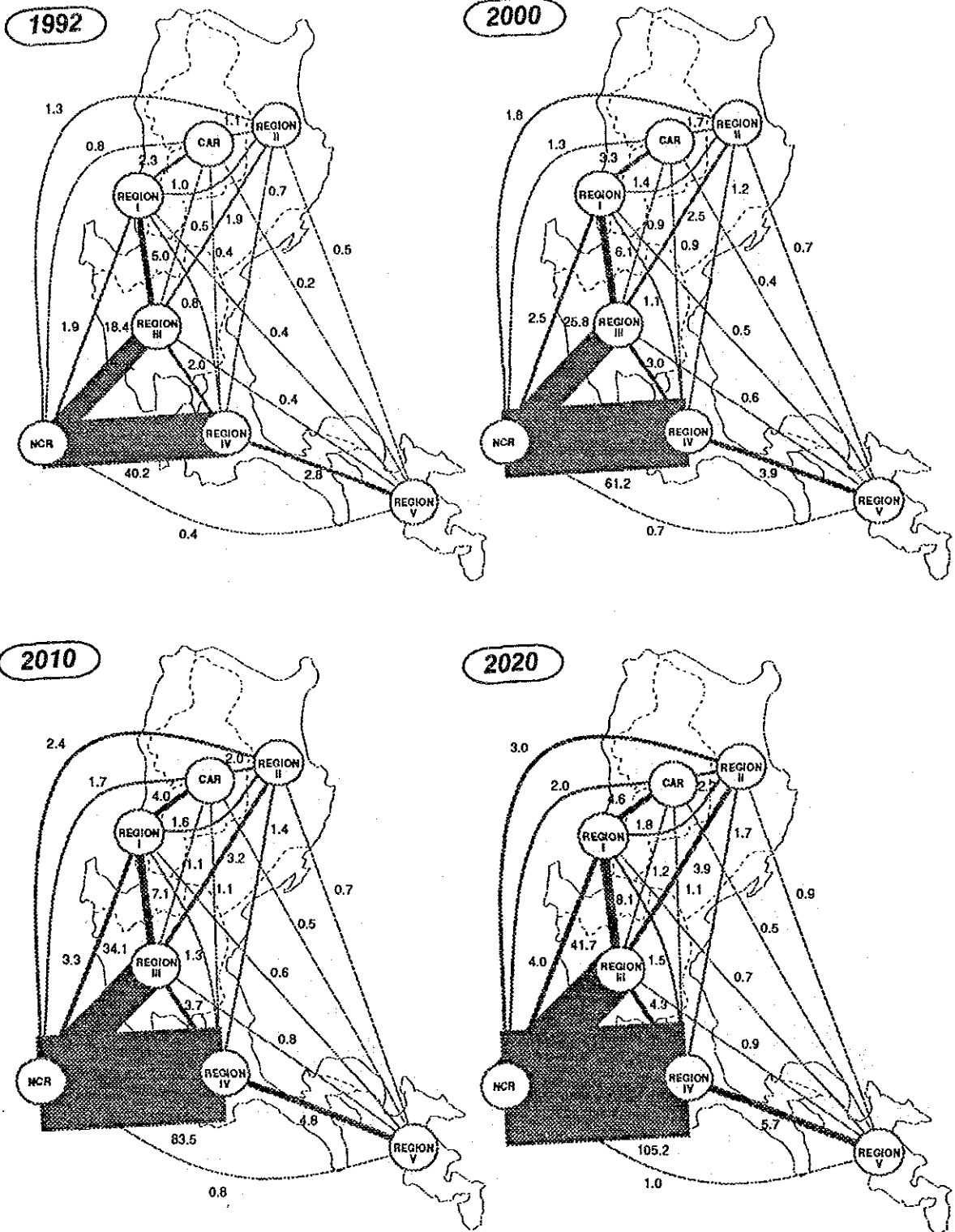
c. Vehicle Trips (Trip/day)

REGION	NCR	CAR	I	II	III	IV-A	V	TOTAL
NCR	-	1,103	1,791	460	48,181	81,399	561	133,494
CAR	1,103	6,290	4,018	1,544	823	587	211	14,575
I	1,791	4,018	14,501	846	3,962	661	278	26,056
II	460	1,544	846	14,706	553	377	194	18,679
III	48,181	823	3,962	553	65,537	2,214	321	121,591
IV-A	81,399	587	661	377	2,214	61,591	2,025	148,852
V	561	211	278	194	321	2,025	18,330	21,919
TOTAL	133,494	14,575	26,056	18,679	121,591	148,852	21,919	485,165

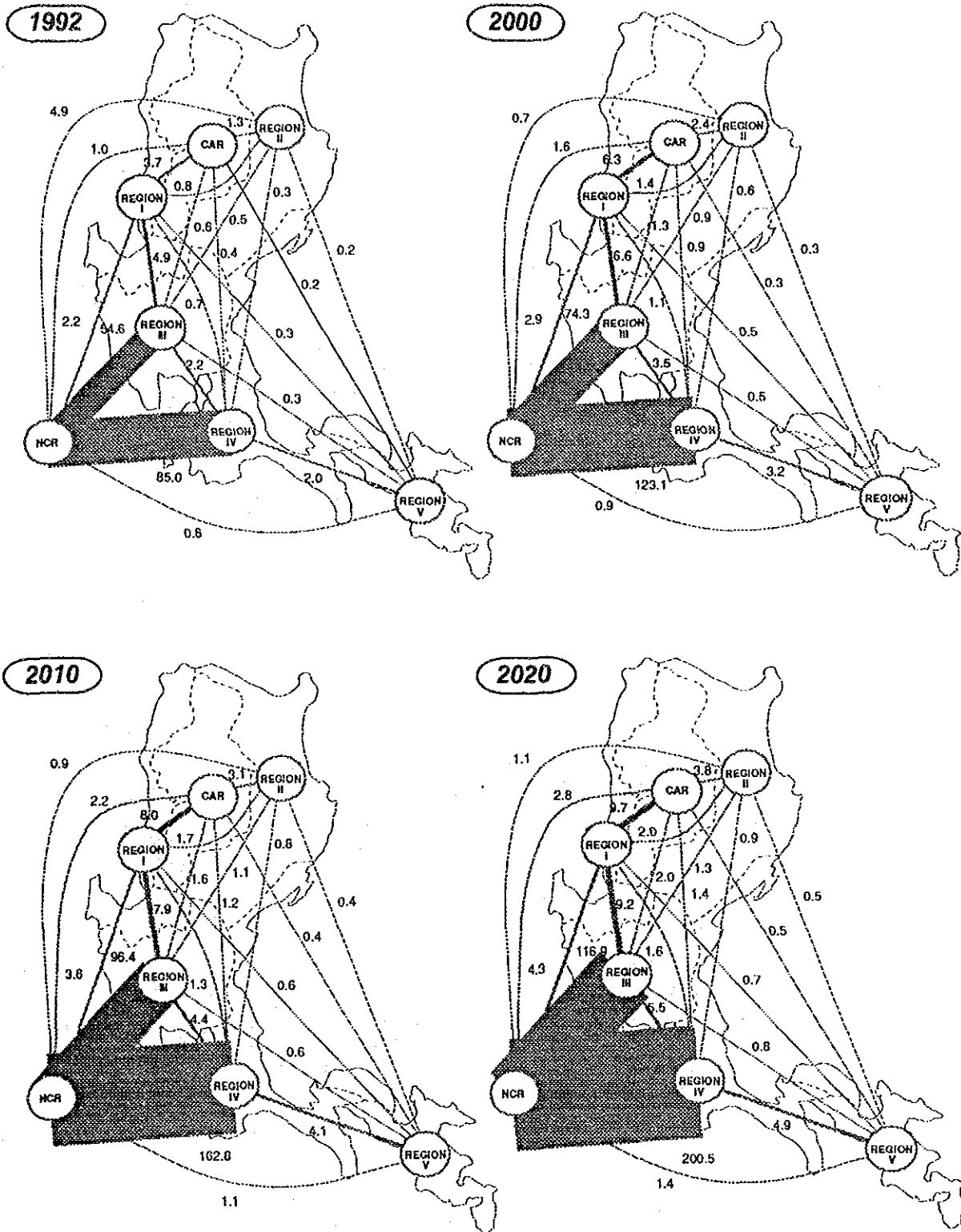
APPENDIX 8.6 PRESENT AND FUTURE REGIONAL DESIRE-LINE CHARTS
a. Passenger Trips



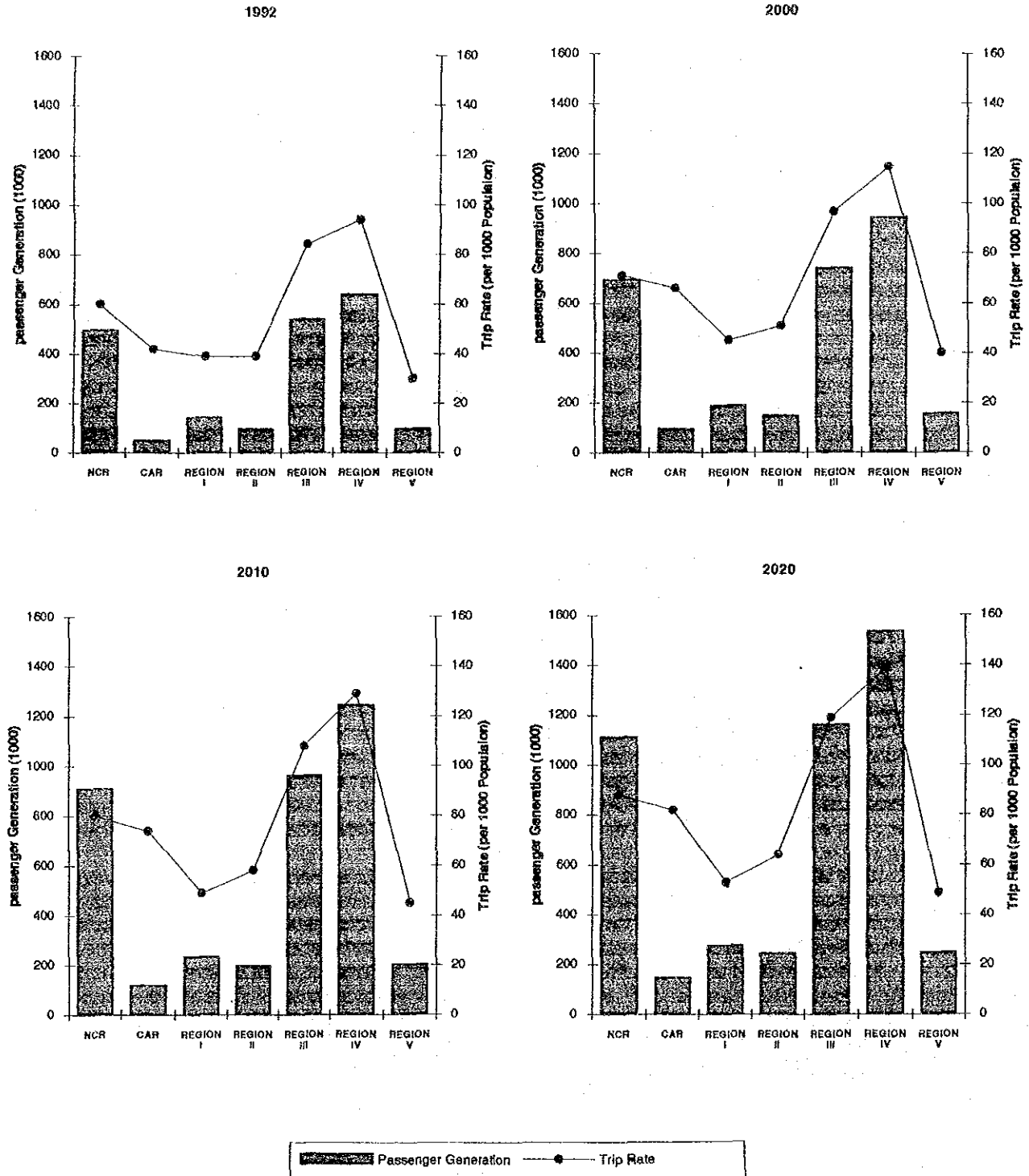
APPENDIX 8.6 PRESENT AND FUTURE REGIONAL DESIRE-LINE CHARTS
 b. Commodity Trips



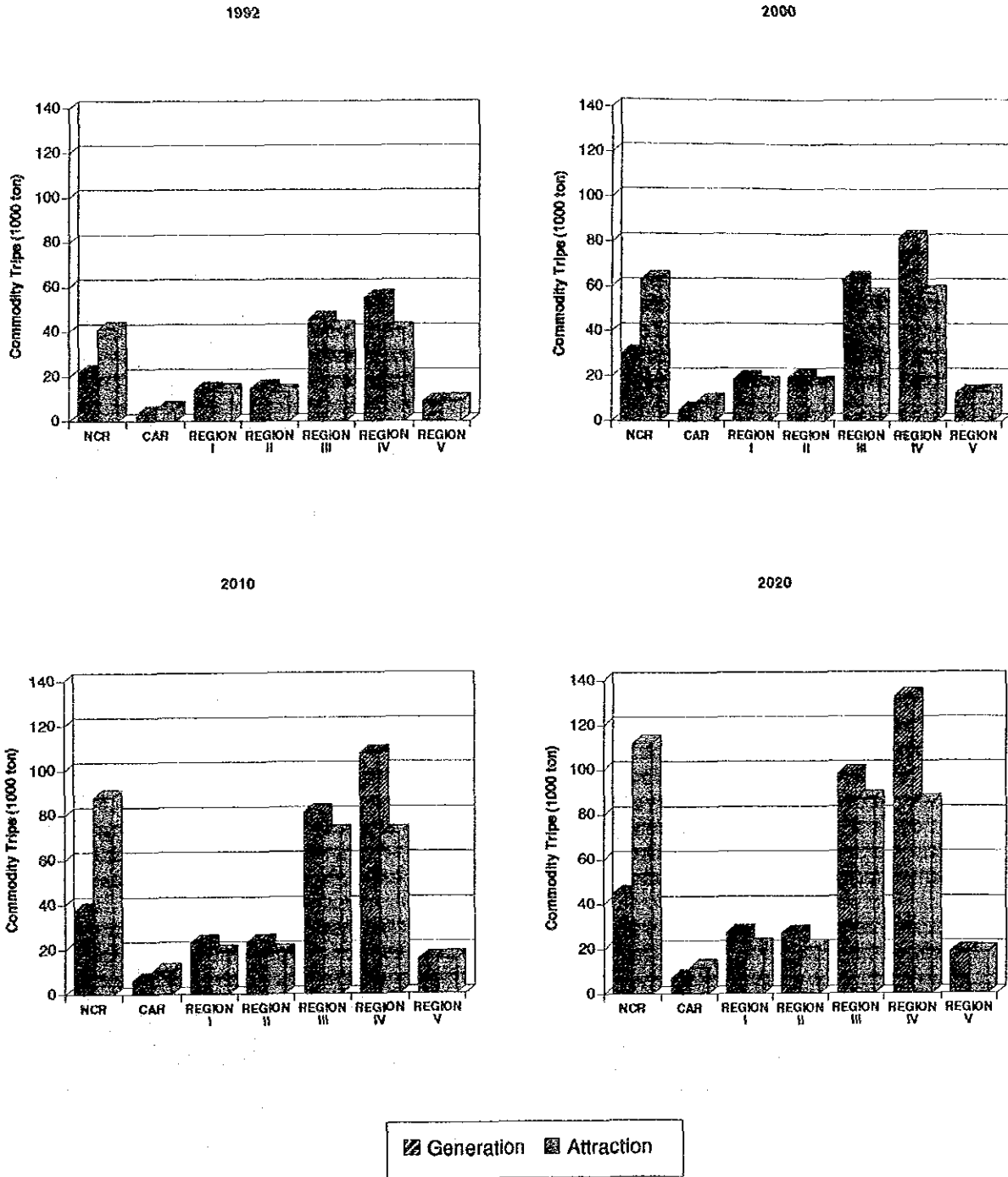
APPENDIX 8.6 PRESENT AND FUTURE REGIONAL DESIRE-LINE CHARTS
 c. Vehicle Trips



APPENDIX 8.7 PRESENT AND FUTURE REGIONAL TRIP GENERATION
a. Passenger Trips

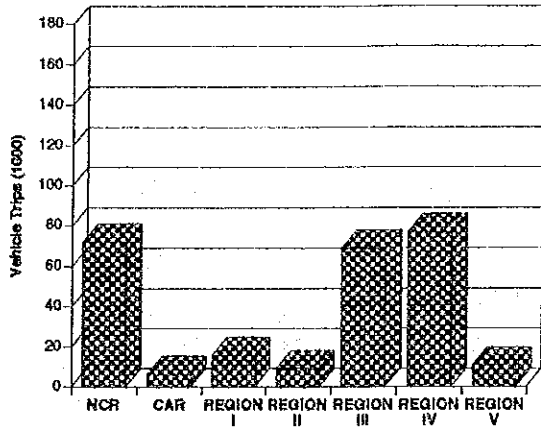


APPENDIX 8.7 PRESENT AND FUTURE REGIONAL TRIP GENERATION
 b. Commodity Trips

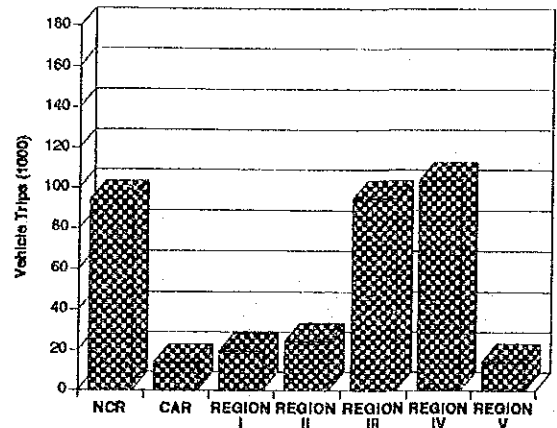


APPENDIX 8.7 PRESENT AND FUTURE REGIONAL TRIP GENERATION
 c. Vehicle Trips

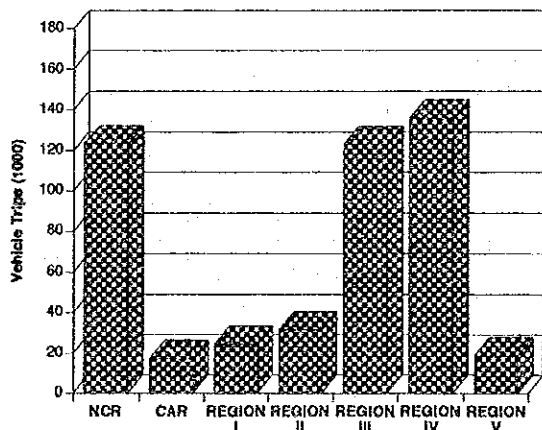
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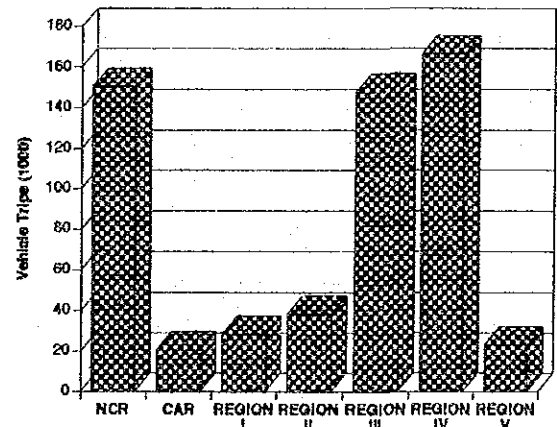
2000



2010



2020



APPENDIX 8.8 FUTURE TRAFFIC VOLUMES "Without Project" - 2000

(1/8)

Link	Car	Jeepney	Bus	Truck	Total
00-22B	31298	14697	4917	2004	52916
01-21A	316	522	180	121	1139
01-21B	316	522	180	121	1139
01-22A	197	345	55	41	638
01-22B	197	345	55	41	638
01-22C	132	243	4	14	393
02-21	2547	37	625	596	3805
02-22	175	198	1	33	407
02-23A	734	644	477	648	2503
02-23B	734	644	477	648	2503
02-24A	979	555	172	446	2152
02-24B	979	555	172	446	2152
02-24CX	979	555	172	446	2152
02-24CY	1035	279	157	305	1776
02-24D	519	0	71	95	685
02-25A	0	0	0	0	0
02-25B	0	0	0	0	0
02-25C	0	0	0	0	0
02-26 X	0	0	0	0	0
02-26 Y	616	71	116	132	935
02-27	0	0	0	0	0
03-21	24	82	5	8	119
03-22A	48	50	23	43	164
03-22B	42	70	23	31	166
03-23	72	181	19	45	317
03-24A	519	0	71	95	685
03-24B	591	181	90	140	1002
03-24C	591	181	90	140	1002
03-25	72	181	19	45	317
04-21A	263	940	42	151	1396
04-21B	48	50	23	43	164
04-21C	48	50	23	43	164
04-23A	0	0	0	0	0
04-23B	0	0	0	0	0
05-21A	24	82	5	8	119
05-21B	56	100	14	34	204
05-21C	34	76	2	18	130
05-21D	34	76	2	18	130
05-22A	132	243	4	14	393
05-22B	132	243	4	14	393
05-23A	22	23	12	16	73
05-23B	78	77	31	72	258
05-23C	78	77	31	72	258
05-27A	0	0	0	0	0
05-27B	0	0	0	0	0
05-27C	0	0	0	0	0
05-51	0	0	0	0	0
11-12A	1822	1347	930	812	4911
11-12B	1822	1347	930	812	4911
11-12C	1822	1347	930	812	4911
11-12D	1779	1712	951	710	5152
11-12E	1448	1279	892	723	4342
11-12F	1448	1279	892	723	4342
11-12G	327	767	268	651	2013
11-12H	327	767	268	651	2013
11-12I	245	608	184	156	1193
11-21A	461	554	62	125	1202
11-21B	0	0	0	0	0
11-21C	0	0	0	0	0
12-12A	1973	1776	1264	1008	6021
12-12B	2017	1741	1296	1025	6079
12-12C	2017	1741	1296	1025	6079
12-12D	2144	1742	1307	1072	6265
12-12E	2144	1742	1307	1072	6265
12-12F	2144	1742	1307	1072	6265
12-12G	1899	1590	1134	957	5580
12-12H	1822	1347	930	812	4911
12-21A	72	181	19	45	317

APPENDIX 8.8 FUTURE TRAFFIC VOLUMES "Without Project" - 2000

(2/8)

Link	Car	Jeepney	Bus	Truck	Total
12-21B	72	181	19	45	317
12-22	0	0	0	0	0
12-23	72	181	19	45	317
12-29	316	522	180	121	1139
13-12A	3551	461	1386	1281	6679
13-12B	2146	424	985	927	4482
13-12C	2146	424	985	927	4482
13-12D	2800	451	1269	1444	5964
13-12E	2680	1387	1701	1491	7259
13-12F	2680	1387	1701	1491	7259
13-12G	2680	1387	1701	1491	7259
13-12H	2844	2318	1748	1449	8359
13-12I	1973	1776	1264	1008	6021
13-12J	1973	1776	1264	1008	6021
13-12K	1973	1776	1264	1008	6021
13-21	2547	37	625	596	3805
13-22A	175	198	1	33	407
13-22B	175	198	1	33	407
13-22C	175	198	1	33	407
13-23A	734	644	477	648	2503
13-23B	734	644	477	648	2503
13-23C	734	644	477	648	2503
13-24	1796	27	508	760	3091
13-51	0	0	0	0	0
14-12A	3194	715	1066	1184	6159
14-12B	3444	1441	1219	1292	7396
14-12C	3444	1441	1219	1292	7396
14-12D	3444	1441	1219	1292	7396
14-12E	3551	461	1386	1281	6679
14-21A	536	283	249	217	1285
14-21B	536	283	249	217	1285
14-21C	515	261	249	158	1183
14-21D	515	261	249	158	1183
14-21E	672	416	357	294	1739
14-21F	1237	415	280	656	2588
14-21G	1162	974	224	673	3033
14-22A	458	474	106	213	1251
14-22B	278	568	105	214	1165
14-22C	278	568	105	214	1165
14-22D	278	568	105	214	1165
14-24A	452	453	104	191	1200
14-24C	1796	27	508	760	3091
14-25A	157	155	108	136	556
14-25B	614	419	118	254	1405
14-26A	21	22	0	59	102
14-27	21	22	0	59	102
14-28A	1021	506	515	793	2835
14-28B	1021	506	515	793	2835
14-28C	1021	506	515	793	2835
14-29A	1579	2078	259	730	4646
14-29B	882	1275	67	314	2538
14-29C	0	0	0	0	0
14-30A	704	807	273	419	2203
14-30B	425	273	142	147	987
14-31A	279	533	131	272	1215
14-31B	372	470	114	153	1109
14-32	1796	27	508	760	3091
14-52	452	453	104	191	1200
14-57	457	465	105	227	1254
21-11A	1004	390	455	482	2331
21-11B	1004	390	455	482	2331
21-11C	649	797	354	208	2008
21-11D	494	359	346	502	1701
21-11E	494	359	346	502	1701
21-11F	494	359	346	502	1701
21-11G	119	208	121	220	668
21-11H	119	208	121	220	668
21-11I	119	208	121	220	668

APPENDIX 8.8 FUTURE TRAFFIC VOLUMES "Without Project" - 2000

(3/8)

Link	Car	Jeepney	Bus	Truck	Total
21-12A	245	608	184	156	1193
21-12B	245	608	184	156	1193
21-12C	199	515	99	238	1051
21-12D	199	515	99	238	1051
21-21A	346	889	175	337	1747
21-21B	195	909	72	200	1376
21-21C	195	909	72	200	1376
21-22A	199	515	99	238	1051
21-22B	199	515	99	238	1051
21-23B	40	92	27	280	439
21-24A	163	232	141	214	750
21-24B	163	232	141	214	750
21-30A	244	570	129	248	1191
21-30B	78	77	31	72	258
21-31	263	530	147	233	1173
21-32	34	76	2	18	130
21-52	0	0	0	0	0
21-53	0	0	0	0	0
21-91A	0	0	0	0	0
21-91B	0	0	0	0	0
22-11A	722	579	350	675	2326
22-11B	838	737	327	646	2548
22-11C	647	772	146	383	1948
22-11D	1077	594	570	491	2732
22-11E	1077	594	570	491	2732
22-11F	1077	594	570	491	2732
22-11G	1178	632	575	558	2943
22-11H	1178	632	575	558	2943
22-11I	1004	390	455	482	2331
22-11J	1004	390	455	482	2331
22-11K	1004	390	455	482	2331
22-11L	1004	390	455	482	2331
22-21	226	302	33	83	644
22-22A	443	594	182	263	1482
22-22B	443	594	182	263	1482
22-22C	443	594	182	263	1482
22-23	0	0	0	0	0
22-25A	353	133	132	172	790
22-25B	0	0	0	0	0
22-28A	0	0	0	0	0
22-28B	0	0	0	0	0
22-29A	443	594	182	263	1482
22-29B	263	530	147	233	1173
22-29C	263	530	147	233	1173
22-29D	263	530	147	233	1173
22-29E	263	530	147	233	1173
22-56	0	0	0	0	0
22-57A	0	0	0	0	0
22-57B	0	0	0	0	0
22-91	0	0	0	0	0
22-92	0	0	0	0	0
23-11A	1008	213	422	777	2420
23-11B	1008	213	422	777	2420
23-11C	1008	213	422	777	2420
23-11D	1404	1555	403	743	4105
23-11E	1404	1555	403	743	4105
23-11F	1404	1555	403	743	4105
23-11G	985	1155	392	757	3289
23-11H	722	579	350	675	2326
23-21	263	940	42	151	1396
23-22	0	0	0	0	0
23-23	0	0	0	0	0
23-24A	0	0	0	0	0
23-24B	0	0	0	0	0
23-24C	0	0	0	0	0
23-24D	0	0	0	0	0
24-21AX	226	302	33	83	644
24-21AY	123	108	40	144	415

APPENDIX 8.8 FUTURE TRAFFIC VOLUMES "Without Project" - 2000

(4/8)

Link	Car	Jeepney	Bus	Truck	Total
24-21B	123	108	40	144	415
24-21C	123	108	40	144	415
24-21D	0	0	0	0	0
24-21E	0	0	0	0	0
24-23B	0	0	0	0	0
24-91	0	0	0	0	0
31-21A	6001	1655	1120	2152	10928
31-21B	3253	1028	1325	1295	6901
31-21C	3253	1028	1325	1295	6901
31-22A	3656	2183	1447	1777	9063
31-22B	3656	2183	1447	1777	9063
31-22C	3656	2183	1447	1777	9063
31-22D	3656	2183	1447	1777	9063
31-22E	1118	1338	2034	1116	5606
31-22F	1118	1338	2034	1116	5606
31-25B	629	306	283	203	1421
31-25C	0	0	0	0	0
31-51	0	0	0	0	0
31-52	0	0	0	0	0
32-01A	61179	7616	6358	9941	85094
32-01B	61179	7616	6358	9941	85094
32-01C	61179	7616	6358	9941	85094
32-01D	40680	5038	4250	6537	56505
32-01E	40680	5038	4250	6537	56505
32-11A	21902	2257	1544	3428	29131
32-11B	7630	1346	959	1924	11859
32-11C	7630	1346	959	1924	11859
32-11D	6057	1879	944	1743	10623
32-11E	6057	1879	944	1743	10623
32-11F	3426	25	961	1796	6208
32-12A	0	0	0	0	0
32-12B	0	0	0	0	0
32-12C	0	0	0	0	0
32-12D	0	0	0	0	0
32-12E	0	0	0	0	0
32-12F	0	0	0	0	0
32-12G	0	0	0	0	0
32-25	0	0	0	0	0
32-26A	1814	958	27	366	3165
32-26B	0	0	0	0	0
32-27A	0	0	0	0	0
32-27B	0	0	0	0	0
33-11A	3426	25	961	1796	6208
33-11B	5884	1139	1250	2855	11128
33-11C	4982	1102	1250	2253	9587
33-11D	2856	964	1057	1388	6265
33-11E	2856	964	1057	1388	6265
33-11F	2856	964	1057	1388	6265
33-11G	2856	964	1057	1388	6265
33-11H	2303	754	829	1198	5084
33-11I	2303	754	829	1198	5084
33-11J	1008	213	422	777	2420
33-11K	1008	213	422	777	2420
33-21A	2771	288	312	1195	4566
33-21B	2771	288	312	1195	4566
33-23A	1415	1314	65	875	3669
33-23B	1415	1314	65	875	3669
33-23C	1415	1314	65	875	3669
33-24A	564	787	99	334	1784
33-24B	564	787	99	334	1784
33-24C	130	169	54	87	440
33-24D	130	169	54	87	440
33-25	0	0	0	0	0
33-29A	425	273	142	147	987
33-29B	425	273	142	147	987
33-29C	425	273	142	147	987
33-29D	425	273	142	147	987
33-30A	372	470	114	153	1109

APPENDIX 8.8 FUTURE TRAFFIC VOLUMES "Without Project" - 2000

(5/8)

Link	Car	Jeepney	Bus	Truck	Total
33-30B	372	470	114	153	1109
33-56A	0	0	0	0	0
33-56B	0	0	0	0	0
34-01A	40680	5038	4250	6537	56505
34-01B	40680	5038	4250	6537	56505
34-01C	5346	641	1411	2166	9564
34-12A	0	0	0	0	0
34-12B	0	0	0	0	0
34-12C	0	0	0	0	0
34-12D	28856	8828	2807	4806	45297
34-12E	10723	7741	1744	1965	22173
34-12F	1285	1274	25	296	2880
34-12G	6630	1915	1436	2461	12442
34-21A	6001	1655	1120	2152	10928
34-21B	6001	1655	1120	2152	10928
34-21C	6001	1655	1120	2152	10928
34-22A	34813	4261	3237	5910	48221
34-22B	8647	2523	862	1824	13856
34-22C	8647	2523	862	1824	13856
34-22D	8647	2523	862	1824	13856
34-22E	2771	288	312	1195	4566
34-22F	2771	288	312	1195	4566
34-27	0	0	0	0	0
34-31B	5346	641	1411	2166	9564
35-12A	6630	1915	1436	2461	12442
35-12B	6630	1915	1436	2461	12442
35-12C	6630	1915	1436	2461	12442
35-12D	3234	498	1225	1272	6229
35-12E	3234	498	1225	1272	6229
35-12F	3234	498	1225	1272	6229
35-12G	3194	715	1066	1184	6159
35-12H	3194	715	1066	1184	6159
35-21	0	0	0	0	0
35-22A	1415	1314	65	875	3669
35-22B	1415	1314	65	875	3669
35-23A	2526	244	550	1056	4376
35-23B	2526	244	550	1056	4376
35-23C	1021	506	515	793	2835
35-24A	964	31	628	209	1832
35-24B	964	31	628	209	1832
35-24C	457	465	105	227	1254
36-21A	3253	1028	1325	1295	6901
36-21B	2371	513	995	258	4137
36-22A	1234	688	386	280	2588
36-22B	536	283	249	217	1285
36-23	0	0	0	0	0
36-51	0	0	0	0	0
41-21	0	0	0	0	0
41-22	130	169	54	87	440
41-23A	144	101	24	148	417
41-23B	144	101	24	148	417
41-24	0	0	0	0	0
41-51	0	0	0	0	0
41-91	0	0	0	0	0
41-92	0	0	0	0	0
42-11A	18017	1850	2093	2489	24449
42-11B	6465	1304	1121	1567	10457
42-21A	11783	1398	995	1249	15425
42-21B	9849	2474	926	1430	14679
42-21C	9849	2474	926	1430	14679
42-21D	6820	1846	1097	2087	11850
42-21E	6820	1846	1097	2087	11850
42-21F	6820	1846	1097	2087	11850
42-21G	7703	2923	1149	2293	14068
42-22A	2039	611	258	373	3281
42-22B	2039	611	258	373	3281
42-22C	2039	611	258	373	3281
42-22D	0	0	0	0	0

APPENDIX 8.8 FUTURE TRAFFIC VOLUMES "Without Project" - 2000

(6/8)

Link	Car	Jeepney	Bus	Truck	Total
42-23B	1640	1922	156	19	3737
42-23C	1640	1922	156	19	3737
42-23D	1757	1801	290	590	4438
42-23E	1757	1801	290	590	4438
42-23F	1757	1801	290	590	4438
42-23G	1757	1801	290	590	4438
42-24A	858	424	9	38	1329
42-24B	858	424	9	38	1329
42-24C	858	424	9	38	1329
42-25A	0	0	0	0	0
42-25B	0	0	0	0	0
42-25C	0	0	0	0	0
42-29C	884	1077	52	205	2218
42-30A	884	1077	52	205	2218
42-30B	1359	388	130	597	2474
42-31	0	0	0	0	0
42-33	124	147	25	45	341
42-36	1640	1922	156	19	3737
42-37A	2039	611	258	373	3281
42-91	0	0	0	0	0
43-21A	5562	2891	1794	540	10787
43-21B	5562	2891	1794	540	10787
43-21C	5688	3707	1637	935	11967
43-21D	5688	3707	1637	935	11967
43-21E	2792	2097	615	552	6056
43-21F	2039	611	258	373	3281
43-21G	2039	611	258	373	3281
43-22A	13806	9165	2866	1830	27667
43-22B	13806	9165	2866	1830	27667
43-23A	1709	517	701	331	3258
43-23B	0	0	0	0	0
43-23D	1241	1537	534	187	3499
43-26A	4247	2585	48	1184	8064
43-26B	4247	2585	48	1184	8064
43-27A	4122	1769	212	789	6892
43-27B	1469	803	23	358	2653
43-28A	327	359	0	52	738
43-28B	2979	1324	189	482	4974
43-29A	0	0	0	0	0
43-29B	0	0	0	0	0
43-31A	858	424	9	38	1329
43-31B	858	424	9	38	1329
43-31C	0	0	0	0	0
43-32	858	424	9	38	1329
44-02A	27592	5812	3393	4207	41004
44-02B	24882	4218	2825	3781	35706
44-02C	24882	4218	2825	3781	35706
44-02D	17955	1816	2087	2483	24341
44-11A	0	0	0	0	0
44-11B	6957	4179	616	1610	13362
44-11C	407	315	14	77	813
44-11D	7334	2716	752	1375	12177
44-11E	62	34	6	6	108
44-11F	18017	1850	2093	2489	24449
44-11G	6465	1304	1121	1567	10457
44-11H	6742	3416	1499	1633	13290
44-11I	5916	1309	1125	1566	9916
44-11J	5916	1309	1125	1566	9916
44-21	6957	4179	616	1610	13362
44-23A	7126	2428	762	1395	11711
44-23B	0	0	0	0	0
44-24A	7396	2750	758	1381	12285
44-24B	7367	2252	741	1260	11620
44-24C	7158	4206	1062	1241	13667
44-24D	1133	1710	84	385	3312
44-24E	983	1440	82	303	2808
44-24F	983	1440	82	303	2808
44-25	278	2112	378	65	2833
44-26B	278	2112	378	65	2833

APPENDIX 8.8 FUTURE TRAFFIC VOLUMES "Without Project" - 2000

(7/8)

Link	Car	Jeepney	Bus	Truck	Total
44-26C	278	2112	378	65	2833
44-27A	0	0	0	0	0
44-27B	0	0	0	0	0
44-27C	0	0	0	0	0
44-29A	150	538	5	82	775
44-29B	150	538	5	82	775
44-31A	294	603	32	106	1035
44-31B	307	230	26	86	649
44-32	0	0	0	0	0
45-11A	5916	1309	1125	1566	9916
45-11B	4676	2554	1126	1975	10331
45-11C	5140	2643	1130	2115	11028
45-11D	5140	2643	1130	2115	11028
45-11E	3948	918	1046	1321	7233
45-11F	2306	529	1000	1121	4956
45-11G	2306	529	1000	1121	4956
45-11H	2187	824	990	1197	5198
45-11I	2187	824	990	1197	5198
45-11J	1797	974	693	1033	4497
45-11K	1797	974	693	1033	4497
45-21A	307	230	26	86	649
45-21B	307	230	26	86	649
45-21C	0	0	0	0	0
45-23	1359	388	130	597	2474
45-25A	582	431	38	755	1806
45-25B	544	409	18	642	1613
45-25C	544	409	18	642	1613
45-25D	443	349	23	570	1385
45-27	0	0	0	0	0
45-28	150	538	5	82	775
45-29	546	410	110	208	1274
45-30B	335	419	88	205	1047
45-30C	335	419	88	205	1047
45-30D	117	146	21	39	323
45-30E	117	146	21	39	323
45-31	102	162	22	37	323
45-32A	0	0	0	0	0
45-32B	0	0	0	0	0
45-51A	0	0	0	0	0
45-51B	0	0	0	0	0
45-53A	0	0	0	0	0
45-53B	0	0	0	0	0
45-54	0	0	0	0	0
45-91	0	0	0	0	0
45-92	0	0	0	0	0
45-93	0	0	0	0	0
46-21A	4752	5665	599	1164	12180
46-21C	996	921	171	226	2314
46-22AX	4752	5665	599	1164	12180
46-22AY	19	4	3	5	31
46-22B	1015	925	174	230	2344
46-22C	294	603	32	106	1035
46-22D	294	603	32	106	1035
46-22E	294	603	32	106	1035
46-25A	7978	10451	63	3600	22092
46-25B	0	0	0	0	0
46-25C	0	0	0	0	0
46-25D	0	0	0	0	0
46-25E	0	0	0	0	0
46-26A	996	921	171	226	2314
46-26B	996	921	171	226	2314
51-11A	1567	955	684	649	3855
51-11B	1567	955	684	649	3855
51-11C	1567	955	684	649	3855
51-11D	1516	838	578	386	3318
51-11E	1516	838	578	386	3318
51-11F	1516	838	578	386	3318
51-11G	621	683	275	276	1855
51-11H	621	683	275	276	1855

APPENDIX 8.8 FUTURE TRAFFIC VOLUMES "Without Project" - 2000

(8/8)

Link	Car	Jeepney	Bus	Truck	Total
51-21A	0	0	0	0	0
51-22	0	0	0	0	0
51-23A	85	422	22	53	582
51-23B	85	422	22	53	582
51-24	0	0	0	0	0
51-25	185	133	113	172	603
51-27A	972	313	309	119	1713
51-27B	802	1344	326	218	2690
51-28A	802	1344	326	218	2690
51-28B	802	1344	326	218	2690
51-28C	86	105	1	26	218
51-29	0	0	0	0	0
51-51	0	0	0	0	0
52-11A	1797	974	693	1033	4497
52-11B	1797	974	693	1033	4497
52-11CX	1703	1258	677	850	4488
52-11CY	1572	1532	669	784	4557
53-11A	1572	1532	669	784	4557
53-11B	1572	1532	669	784	4557
53-11C	1548	1876	656	766	4846
53-11D	1548	1876	656	766	4846
53-11E	1548	1876	656	766	4846
53-11F	1311	1312	592	623	3838
53-11G	1555	1575	634	710	4474
53-11H	1555	1575	634	710	4474
53-11I	1567	955	684	649	3855
53-11J	1567	955	684	649	3855
53-21	0	0	0	0	0
53-22A	0	0	0	0	0
53-22B	0	0	0	0	0
53-24A	0	0	0	0	0
53-24B	759	1446	44	841	3090
53-25A	604	695	181	273	1753
53-25B	604	695	181	273	1753
53-25C	86	105	1	26	218
53-27A	689	800	182	298	1969
53-27B	689	800	182	298	1969
53-27C	311	334	53	122	820
53-28A	0	0	0	0	0
53-28B	0	0	0	0	0
53-29A	311	334	53	122	820
53-29B	155	167	29	61	412
53-30	0	0	0	0	0
53-52	367	475	56	135	1033
53-53	0	0	0	0	0
53-94A	0	0	0	0	0
53-94BX	0	0	0	0	0
53-94BY	156	167	24	61	408
53-96	0	0	0	0	0
54-11A	621	683	275	276	1855
54-11B	490	751	253	327	1821
54-11C	351	767	146	321	1585
54-11D	351	767	146	321	1585
54-11E	351	767	146	321	1585
54-11F	285	694	116	273	1368
54-11G	361	551	171	281	1364
54-11H	306	337	124	186	953
54-11I	306	337	124	186	953
54-21	131	398	25	110	664
54-23	66	73	27	32	198
54-24A	0	0	0	0	0
54-24B	0	0	0	0	0
54-27	66	73	30	48	217
54-28	61	75	23	31	190
54-29A	0	0	0	0	0
54-29B	61	75	23	31	190
54-30	112	287	47	96	542
54-51	0	0	0	0	0
54-52	0	0	0	0	0
54-92	0	0	0	0	0

APPENDIX 8.9 FUTURE TRAFFIC VOLUMES "Without Project" - 2010

(1/8)

Link	Car	Jeepney	Bus	Truck	Total
00-22B	41369	19391	6551	2740	70051
01-21A	403	672	233	141	1449
01-21B	403	672	233	141	1449
01-22A	243	436	69	47	795
01-22B	243	436	69	47	795
01-22C	159	298	5	15	477
02-21	3433	47	840	754	5074
02-22	224	262	1	37	524
02-23A	956	860	609	742	3167
02-23B	956	860	609	742	3167
02-24A	1253	708	216	539	2716
02-24B	1253	708	216	539	2716
02-24CX	1253	708	216	539	2716
02-24CY	1295	359	196	366	2216
02-24D	598	0	82	111	791
02-25A	0	0	0	0	0
02-25B	0	0	0	0	0
02-25C	0	0	0	0	0
02-26 X	0	0	0	0	0
02-26 Y	732	83	139	148	1102
02-27	0	0	0	0	0
03-21	30	91	7	10	138
03-22A	56	61	27	50	194
03-22B	48	84	27	37	196
03-23	80	206	22	50	358
03-24A	598	0	82	111	791
03-24B	679	206	104	160	1149
03-24C	679	206	104	160	1149
03-25	80	206	22	50	358
04-21A	322	1195	51	178	1746
04-21B	56	61	27	50	194
04-21C	56	61	27	50	194
04-23A	0	0	0	0	0
04-23B	0	0	0	0	0
05-21A	30	91	7	10	138
05-21B	70	127	18	39	254
05-21C	43	97	3	20	163
05-21D	43	97	3	20	163
05-22A	159	298	5	15	477
05-22B	159	298	5	15	477
05-23A	27	30	15	19	91
05-23B	100	101	40	84	325
05-23C	100	101	40	84	325
05-27A	0	0	0	0	0
05-27B	0	0	0	0	0
05-27C	0	0	0	0	0
05-51	0	0	0	0	0
11-12A	2196	1682	1161	937	5976
11-12B	2196	1682	1161	937	5976
11-12C	2196	1682	1161	937	5976
11-12D	2128	2118	1180	822	6248
11-12E	1703	1567	1105	835	5210
11-12F	1703	1567	1105	835	5210
11-12G	410	973	335	771	2489
11-12H	410	973	335	771	2489
11-12I	308	777	232	190	1507
11-21A	575	695	78	147	1495
11-21B	0	0	0	0	0
11-21C	0	0	0	0	0
12-12A	2411	2265	1592	1170	7438
12-12B	2464	2190	1631	1189	7474
12-12C	2464	2190	1631	1189	7474
12-12D	2612	2190	1643	1240	7685
12-12E	2612	2190	1643	1240	7685
12-12F	2612	2190	1643	1240	7685
12-12G	2297	1999	1420	1105	6821
12-12H	2196	1682	1161	937	5976
12-21A	80	206	22	50	358

APPENDIX 8.9 FUTURE TRAFFIC VOLUMES "Without Project" - 2010

(2/8)

Link	Car	Jeepney	Bus	Truck	Total
12-21B	80	206	22	50	358
12-22	0	0	0	0	0
12-23	80	206	22	50	358
12-29	403	672	233	141	1449
13-12A	4675	585	1789	1579	8628
13-12B	2717	537	1241	1110	5605
13-12C	2717	537	1241	1110	5605
13-12D	3476	570	1584	1727	7357
13-12E	3330	1742	2109	1779	8960
13-12F	3330	1742	2109	1779	8960
13-12G	3330	1742	2109	1779	8960
13-12H	3539	2958	2195	1734	10426
13-12I	2411	2265	1592	1170	7438
13-12J	2411	2265	1592	1170	7438
13-12K	2411	2265	1592	1170	7438
13-21	3433	47	840	754	5074
13-22A	224	262	1	37	524
13-22B	224	262	1	37	524
13-22C	224	262	1	37	524
13-23A	956	860	609	742	3167
13-23B	956	860	609	742	3167
13-23C	956	860	609	742	3167
13-24	2234	33	636	902	3805
13-51	0	0	0	0	0
14-12A	4177	890	1369	1467	7903
14-12B	4532	1730	1567	1590	9419
14-12C	4532	1730	1567	1590	9419
14-12D	4532	1730	1567	1590	9419
14-12E	4675	585	1789	1579	8628
14-21A	671	354	314	249	1588
14-21B	671	354	314	249	1588
14-21C	645	327	314	181	1467
14-21D	645	327	314	181	1467
14-21E	836	512	443	338	2129
14-21F	1528	488	345	760	3121
14-21G	1440	1153	273	781	3647
14-22A	574	575	132	265	1546
14-22B	349	677	131	264	1421
14-22C	349	677	131	264	1421
14-22D	349	677	131	264	1421
14-24A	553	529	127	219	1428
14-24C	2234	33	636	902	3805
14-25A	191	185	129	157	662
14-25B	748	501	141	293	1683
14-26A	26	27	0	68	121
14-27	26	27	0	68	121
14-28A	1249	592	618	907	3366
14-28B	1249	592	618	907	3366
14-28C	1249	592	618	907	3366
14-29A	1970	2486	333	910	5699
14-29B	1074	1511	81	402	3068
14-29C	0	0	0	0	0
14-30A	904	979	349	511	2743
14-30B	540	336	175	174	1225
14-31A	364	643	174	337	1518
14-31B	471	574	154	184	1383
14-32	2234	33	636	902	3805
14-52	553	529	127	219	1428
14-57	570	550	127	303	1550
21-11A	1285	507	596	541	2929
21-11B	1285	507	596	541	2929
21-11C	814	1017	448	250	2529
21-11D	624	462	445	576	2107
21-11E	624	462	445	576	2107
21-11F	624	462	445	576	2107
21-11G	145	262	149	247	803
21-11H	145	262	149	247	803
21-11I	145	262	149	247	803

APPENDIX 8.9 FUTURE TRAFFIC VOLUMES "Without Project" - 2010

(3/8)

Link	Car	Jeepney	Bus	Truck	Total
21-12A	308	777	232	190	1507
21-12B	308	777	232	190	1507
21-12C	252	661	126	270	1309
21-12D	252	661	126	270	1309
21-21A	443	1166	226	417	2252
21-21B	255	1219	96	241	1811
21-21C	255	1219	96	241	1811
21-22A	252	661	126	270	1309
21-22B	252	661	126	270	1309
21-23B	49	115	34	319	517
21-24A	200	292	177	242	911
21-24B	200	292	177	242	911
21-30A	311	754	164	311	1540
21-30B	100	101	40	84	325
21-31	336	701	187	296	1520
21-32	43	97	3	20	163
21-52	0	0	0	0	0
21-53	0	0	0	0	0
21-91A	0	0	0	0	0
21-91B	0	0	0	0	0
22-11A	944	772	459	857	3032
22-11B	1104	996	428	813	3341
22-11C	861	1037	196	483	2577
22-11D	1409	801	772	589	3571
22-11E	1409	801	772	589	3571
22-11F	1409	801	772	589	3571
22-11G	1542	849	782	665	3838
22-11H	1542	849	782	665	3838
22-11I	1285	507	596	541	2929
22-11J	1285	507	596	541	2929
22-11K	1285	507	596	541	2929
22-11L	1285	507	596	541	2929
22-21	310	426	46	109	891
22-22A	565	780	231	330	1906
22-22B	565	780	231	330	1906
22-22C	565	780	231	330	1906
22-23	0	0	0	0	0
22-25A	446	172	173	194	985
22-25B	0	0	0	0	0
22-28A	0	0	0	0	0
22-28B	0	0	0	0	0
22-29A	565	780	231	330	1906
22-29B	336	701	187	296	1520
22-29C	336	701	187	296	1520
22-29D	336	701	187	296	1520
22-29E	336	701	187	296	1520
22-56	0	0	0	0	0
22-57A	0	0	0	0	0
22-57B	0	0	0	0	0
22-91	0	0	0	0	0
22-92	0	0	0	0	0
23-11A	1309	277	551	992	3129
23-11B	1309	277	551	992	3129
23-11C	1309	277	551	992	3129
23-11D	1829	2147	524	951	5451
23-11E	1829	2147	524	951	5451
23-11F	1829	2147	524	951	5451
23-11G	1266	1500	510	953	4229
23-11H	944	772	459	857	3032
23-21	322	1195	51	178	1746
23-22	0	0	0	0	0
23-23	0	0	0	0	0
23-24A	0	0	0	0	0
23-24B	0	0	0	0	0
23-24C	0	0	0	0	0
23-24D	0	0	0	0	0
24-21AX	310	426	46	109	891
24-21AY	159	143	55	171	528

APPENDIX 8.9 FUTURE TRAFFIC VOLUMES "Without Project" - 2010

(4/8)

Link	Car	Jeepney	Bus	Truck	Total
24-21B	159	143	55	171	528
24-21C	159	143	55	171	528
24-21D	0	0	0	0	0
24-21E	0	0	0	0	0
24-23B	0	0	0	0	0
24-91	0	0	0	0	0
31-21A	7620	2030	1431	2731	13812
31-21B	4147	1305	1692	1588	8732
31-21C	4147	1305	1692	1588	8732
31-22A	4615	2695	1841	2257	11408
31-22B	4615	2695	1841	2257	11408
31-22C	4615	2695	1841	2257	11408
31-22D	4615	2695	1841	2257	11408
31-22E	1626	1902	2888	1445	7861
31-22F	1626	1902	2888	1445	7861
31-25B	773	384	369	262	1788
31-25C	0	0	0	0	0
31-51	0	0	0	0	0
31-52	0	0	0	0	0
32-01A	79070	9937	8115	13009	110131
32-01B	79070	9937	8115	13009	110131
32-01C	79070	9937	8115	13009	110131
32-01D	52346	6538	5445	8460	72789
32-01E	52346	6538	5445	8460	72789
32-11A	27985	2899	1964	4397	37245
32-11B	10501	1886	1222	2546	16155
32-11C	10501	1886	1222	2546	16155
32-11D	8319	2634	1201	2304	14458
32-11E	8319	2634	1201	2304	14458
32-11F	4688	32	1225	2365	8310
32-12A	0	0	0	0	0
32-12B	0	0	0	0	0
32-12C	0	0	0	0	0
32-12D	0	0	0	0	0
32-12E	0	0	0	0	0
32-12F	0	0	0	0	0
32-12G	0	0	0	0	0
32-25	0	0	0	0	0
32-26A	2535	1344	38	468	4385
32-26B	0	0	0	0	0
32-27A	0	0	0	0	0
32-27B	0	0	0	0	0
33-11A	4688	32	1225	2365	8310
33-11B	8068	1507	1594	3805	14974
33-11C	6299	1425	1580	2771	12075
33-11D	3604	1208	1341	1683	7836
33-11E	3604	1208	1341	1683	7836
33-11F	3604	1208	1341	1683	7836
33-11G	3604	1208	1341	1683	7836
33-11H	2912	937	1053	1475	6377
33-11I	2912	937	1053	1475	6377
33-11J	1309	277	551	992	3129
33-11K	1309	277	551	992	3129
33-21A	3774	377	401	1609	6161
33-21B	3774	377	401	1609	6161
33-23A	2228	1805	83	1118	5234
33-23B	2228	1805	83	1118	5234
33-23C	2228	1805	83	1118	5234
33-24A	666	951	118	392	2127
33-24B	666	951	118	392	2127
33-24C	134	159	61	99	453
33-24D	134	159	61	99	453
33-25	0	0	0	0	0
33-29A	540	336	175	174	1225
33-29B	540	336	175	174	1225
33-29C	540	336	175	174	1225
33-29D	540	336	175	174	1225
33-30A	471	574	154	184	1383

APPENDIX 8.9 FUTURE TRAFFIC VOLUMES "Without Project" - 2010

(5/8)

Link	Car	Jeepney	Bus	Truck	Total
33-30B	471	574	154	184	1383
33-56A	0	0	0	0	0
33-56B	0	0	0	0	0
34-01A	52346	6538	5445	8460	72789
34-01B	52346	6538	5445	8460	72789
34-01C	6719	798	1778	2675	11970
34-12A	0	0	0	0	0
34-12B	0	0	0	0	0
34-12C	0	0	0	0	0
34-12D	37065	11553	3621	6241	58480
34-12E	14246	10337	2324	2571	29478
34-12F	1541	1463	31	344	3379
34-12G	8260	2260	1809	3020	15349
34-21A	7620	2030	1431	2731	13812
34-21B	7620	2030	1431	2731	13812
34-21C	7620	2030	1431	2731	13812
34-22A	44935	5578	4166	7714	62393
34-22B	11391	3323	1122	2378	18214
34-22C	11391	3323	1122	2378	18214
34-22D	11391	3323	1122	2378	18214
34-22E	3774	377	401	1609	6161
34-22F	3774	377	401	1609	6161
34-27	0	0	0	0	0
34-31B	6719	798	1778	2675	11970
35-12A	8260	2260	1809	3020	15349
35-12B	8260	2260	1809	3020	15349
35-12C	8260	2260	1809	3020	15349
35-12D	4231	630	1542	1582	7985
35-12E	4231	630	1542	1582	7985
35-12F	4231	630	1542	1582	7985
35-12G	4177	890	1369	1467	7903
35-12H	4177	890	1369	1467	7903
35-21	0	0	0	0	0
35-22A	2228	1805	83	1118	5234
35-22B	2228	1805	83	1118	5234
35-23A	3074	299	645	1282	5300
35-23B	3074	299	645	1282	5300
35-23C	1249	592	618	907	3366
35-24A	1135	38	752	231	2156
35-24B	1135	38	752	231	2156
35-24C	570	550	127	303	1550
36-21A	4147	1305	1692	1588	8732
36-21B	2936	661	1227	309	5133
36-22A	1590	873	500	326	3289
36-22B	671	354	314	249	1588
36-23	0	0	0	0	0
36-51	0	0	0	0	0
41-21	0	0	0	0	0
41-22	134	159	61	99	453
41-23A	169	125	41	171	506
41-23B	169	125	41	171	506
41-24	0	0	0	0	0
41-51	0	0	0	0	0
41-91	0	0	0	0	0
41-92	0	0	0	0	0
42-11A	22925	2368	2662	3146	31101
42-11B	8376	1688	1439	1975	13478
42-21A	14840	1771	1254	1568	19433
42-21B	12427	3116	1168	1768	18479
42-21C	12427	3116	1168	1768	18479
42-21D	8657	2322	1380	2462	14821
42-21E	8657	2322	1380	2462	14821
42-21F	8657	2322	1380	2462	14821
42-21G	9770	3677	1447	2705	17599
42-22A	2613	800	336	431	4180
42-22B	2613	800	336	431	4180
42-22C	2613	800	336	431	4180
42-22D	0	0	0	0	0

APPENDIX 8.9 FUTURE TRAFFIC VOLUMES "Without Project" - 2010

(6/8)

Link	Car	Jeepney	Bus	Truck	Total
42-23B	2040	2450	200	23	4713
42-23C	2040	2450	200	23	4713
42-23D	2204	2276	365	687	5532
42-23E	2204	2276	365	687	5532
42-23F	2204	2276	365	687	5532
42-23G	2204	2276	365	687	5532
42-24A	1080	541	12	49	1682
42-24B	1080	541	12	49	1682
42-24C	1080	541	12	49	1682
42-25A	0	0	0	0	0
42-25B	0	0	0	0	0
42-25C	0	0	0	0	0
42-29C	1113	1356	66	242	2777
42-30A	1113	1356	66	242	2777
42-30B	1725	505	166	695	3091
42-31	0	0	0	0	0
42-33	156	186	31	51	424
42-36	2040	2450	200	23	4713
42-37A	2613	800	336	431	4180
42-91	0	0	0	0	0
43-21A	7198	3826	2311	693	14028
43-21B	7198	3826	2311	693	14028
43-21C	7352	4899	2107	1152	15510
43-21D	7352	4899	2107	1152	15510
43-21E	3615	2788	815	642	7860
43-21F	2613	800	336	431	4180
43-21G	2613	800	336	431	4180
43-22A	17671	11928	3950	2403	35952
43-22B	17671	11928	3950	2403	35952
43-23A	2232	699	951	417	4299
43-23B	0	0	0	0	0
43-23D	1637	2054	714	220	4625
43-26A	5555	3427	63	1404	10449
43-26B	5555	3427	63	1404	10449
43-27A	5401	2354	278	946	8979
43-27B	1928	1071	30	427	3456
43-28A	431	477	0	66	974
43-28B	3905	1760	248	585	6498
43-29A	0	0	0	0	0
43-29B	0	0	0	0	0
43-31A	1080	541	12	49	1682
43-31B	1080	541	12	49	1682
43-31C	0	0	0	0	0
43-32	1080	541	12	49	1682
44-02A	35505	7676	4353	5525	53059
44-02B	31589	5370	3575	4819	45353
44-02C	31589	5370	3575	4819	45353
44-02D	22850	2326	2654	3139	30969
44-11A	0	0	0	0	0
44-11B	9471	5734	841	2111	18157
44-11C	545	423	19	96	1083
44-11D	9284	3467	939	1776	15466
44-11E	75	42	8	7	132
44-11F	22925	2368	2662	3146	31101
44-11G	8376	1688	1439	1975	13478
44-11H	8724	4312	1911	2056	17003
44-11I	7713	1702	1449	1972	12836
44-11J	7713	1702	1449	1972	12836
44-21	9471	5734	841	2111	18157
44-23A	9005	3079	953	1806	14843
44-23B	0	0	0	0	0
44-24A	9359	3509	947	1783	15598
44-24B	9298	2850	925	1651	14724
44-24C	9032	5273	1325	1625	17255
44-24D	1443	2146	105	446	4140
44-24E	1255	1805	101	341	3502
44-24F	1255	1805	101	341	3502
44-25	348	2624	472	81	3525
44-26B	348	2624	472	81	3525

APPENDIX 8.9 FUTURE TRAFFIC VOLUMES "Without Project" - 2010

(7/8)

Link	Car	Jeepney	Bus	Truck	Total
44-26C	348	2624	472	81	3525
44-27A	0	0	0	0	0
44-27B	0	0	0	0	0
44-27C	0	0	0	0	0
44-29A	188	669	6	105	968
44-29B	188	669	6	105	968
44-31A	361	737	39	125	1262
44-31B	384	290	32	102	808
44-32	0	0	0	0	0
45-11A	7713	1702	1449	1972	12836
45-11B	6036	3356	1439	2459	13290
45-11C	6632	3477	1444	2626	14179
45-11D	6632	3477	1444	2626	14179
45-11E	4975	1192	1321	1637	9125
45-11F	2929	678	1261	1393	6261
45-11G	2929	678	1261	1393	6261
45-11H	2777	1027	1241	1465	6510
45-11I	2777	1027	1241	1465	6510
45-11J	2311	1213	885	1283	5692
45-11K	2311	1213	885	1283	5692
45-21A	384	290	32	102	808
45-21B	384	290	32	102	808
45-21C	0	0	0	0	0
45-23	1725	505	166	695	3091
45-25A	750	562	48	968	2328
45-25B	697	513	23	821	2054
45-25C	697	513	23	821	2054
45-25D	571	439	29	730	1769
45-27	0	0	0	0	0
45-28	188	669	6	105	968
45-29	726	543	143	252	1664
45-30B	459	563	119	243	1384
45-30C	459	563	119	243	1384
45-30D	156	195	27	47	425
45-30E	156	195	27	47	425
45-31	147	236	31	46	460
45-32A	0	0	0	0	0
45-32B	0	0	0	0	0
45-51A	0	0	0	0	0
45-51B	0	0	0	0	0
45-53A	0	0	0	0	0
45-53B	0	0	0	0	0
45-54	0	0	0	0	0
45-91	0	0	0	0	0
45-92	0	0	0	0	0
45-93	0	0	0	0	0
46-21A	6267	7480	788	1607	16142
46-21C	1193	1117	219	282	2811
46-22AX	6267	7480	788	1607	16142
46-22AY	22	5	4	6	37
46-22B	1215	1122	223	288	2848
46-22C	361	737	39	125	1262
46-22D	361	737	39	125	1262
46-22E	361	737	39	125	1262
46-25A	10856	14305	81	4932	30174
46-25B	0	0	0	0	0
46-25C	0	0	0	0	0
46-25D	0	0	0	0	0
46-25E	0	0	0	0	0
46-26A	1193	1117	219	282	2811
46-26B	1193	1117	219	282	2811
51-11A	2019	1215	880	817	4931
51-11B	2019	1215	880	817	4931
51-11C	2019	1215	880	817	4931
51-11D	1959	1064	741	472	4236
51-11E	1959	1064	741	472	4236
51-11F	1959	1064	741	472	4236
51-11G	790	870	348	332	2340
51-11H	790	870	348	332	2340

APPENDIX 8.9 FUTURE TRAFFIC VOLUMES "Without Project" - 2010

(8/8)

Link	Car	Jeepney	Bus	Truck	Total
51-21A	0	0	0	0	0
51-22	0	0	0	0	0
51-23A	102	523	28	62	715
51-23B	102	523	28	62	715
51-24	0	0	0	0	0
51-25	238	171	146	210	765
51-27A	1266	399	401	152	2218
51-27B	1030	1743	423	260	3456
51-28A	1030	1743	423	260	3456
51-28B	1030	1743	423	260	3456
51-28C	106	132	1	28	267
51-29	0	0	0	0	0
51-51	0	0	0	0	0
52-11A	2311	1213	885	1283	5692
52-11B	2311	1213	885	1283	5692
52-11CX	2186	1604	863	1062	5715
52-11CY	2018	1965	854	983	5820
53-11A	2018	1965	854	983	5820
53-11B	2018	1965	854	983	5820
53-11C	1988	2444	838	962	6232
53-11D	1988	2444	838	962	6232
53-11E	1988	2444	838	962	6232
53-11F	1674	1672	753	777	4876
53-11G	1988	2025	810	881	5704
53-11H	1988	2025	810	881	5704
53-11I	2019	1215	880	817	4931
53-11J	2019	1215	880	817	4931
53-21	0	0	0	0	0
53-22A	0	0	0	0	0
53-22B	0	0	0	0	0
53-24A	0	0	0	0	0
53-24B	994	1919	55	1047	4015
53-25A	766	890	231	334	2221
53-25B	766	890	231	334	2221
53-25C	106	132	1	28	267
53-27A	871	1021	232	362	2486
53-27B	871	1021	232	362	2486
53-27C	392	424	66	149	1031
53-28A	0	0	0	0	0
53-28B	0	0	0	0	0
53-29A	392	424	66	149	1031
53-29B	196	212	36	75	519
53-30	0	0	0	0	0
53-52	480	625	70	165	1340
53-53	0	0	0	0	0
53-94A	0	0	0	0	0
53-94BX	0	0	0	0	0
53-94BY	196	211	30	74	511
53-96	0	0	0	0	0
54-11A	790	870	348	332	2340
54-11B	623	954	320	385	2282
54-11C	447	972	185	380	1984
54-11D	447	972	185	380	1984
54-11E	447	972	185	380	1984
54-11F	364	881	148	324	1717
54-11G	461	697	218	332	1708
54-11H	391	429	160	221	1201
54-11I	391	429	160	221	1201
54-21	168	509	32	123	832
54-23	83	92	34	39	248
54-24A	0	0	0	0	0
54-24B	0	0	0	0	0
54-27	83	91	37	56	267
54-28	79	97	30	38	244
54-29A	0	0	0	0	0
54-29B	79	97	30	38	244
54-30	141	360	58	111	670
54-51	0	0	0	0	0
54-52	0	0	0	0	0
54-92	0	0	0	0	0

APPENDIX 8.10 FUTURE TRAFFIC VOLUMES "Without Project" - 2020

(1/8)

Link	Car	Jeepney	Bus	Truck	Total
00-22B	51003	23870	8123	3453	86449
01-21A	494	834	288	161	1777
01-21B	494	834	288	161	1777
01-22A	292	535	85	54	966
01-22B	292	535	85	54	966
01-22C	188	355	6	16	565
02-21	4274	58	1049	896	6277
02-22	276	329	1	42	648
02-23A	1186	1082	735	848	3851
02-23B	1186	1082	735	848	3851
02-24A	1527	864	262	632	3285
02-24B	1527	864	262	632	3285
02-24CX	1527	864	262	632	3285
02-24CY	1557	439	236	427	2659
02-24D	685	0	94	126	905
02-25A	0	0	0	0	0
02-25B	0	0	0	0	0
02-25C	0	0	0	0	0
02-26 X	0	0	0	0	0
02-26 Y	854	97	163	164	1278
02-27	0	0	0	0	0
03-21	36	102	8	12	158
03-22A	64	73	31	58	226
03-22B	55	99	31	42	227
03-23	91	236	25	55	407
03-24A	685	0	94	126	905
03-24B	776	236	119	181	1312
03-24C	776	236	119	181	1312
03-25	91	236	25	55	407
04-21A	382	1454	61	205	2102
04-21B	64	73	31	58	226
04-21C	64	73	31	58	226
04-23A	0	0	0	0	0
04-23B	0	0	0	0	0
05-21A	36	102	8	12	158
05-21B	83	155	21	43	302
05-21C	52	119	3	22	196
05-21D	52	119	3	22	196
05-22A	188	355	6	16	565
05-22B	188	355	6	16	565
05-23A	32	36	18	22	108
05-23B	121	124	49	96	390
05-23C	121	124	49	96	390
05-27A	0	0	0	0	0
05-27B	0	0	0	0	0
05-27C	0	0	0	0	0
05-51	0	0	0	0	0
11-12A	2583	2037	1388	1062	7070
11-12B	2583	2037	1388	1062	7070
11-12C	2583	2037	1388	1062	7070
11-12D	2485	2545	1404	935	7369
11-12E	1964	1873	1314	947	6098
11-12F	1964	1873	1314	947	6098
11-12G	497	1190	403	890	2980
11-12H	497	1190	403	890	2980
11-12I	375	956	281	224	1836
11-21A	692	840	95	170	1797
11-21B	0	0	0	0	0
11-21C	0	0	0	0	0
12-12A	2859	2786	1920	1336	8901
12-12B	2920	2669	1965	1355	8909
12-12C	2920	2669	1965	1355	8909
12-12D	3092	2667	1979	1409	9147
12-12E	3092	2667	1979	1409	9147
12-12F	3092	2667	1979	1409	9147
12-12G	2703	2434	1704	1254	8095
12-12H	2583	2037	1388	1062	7070
12-21A	91	236	25	55	407

APPENDIX 8.10 FUTURE TRAFFIC VOLUMES "Without Project" - 2020

(2/8)

Link	Car	Jeepney	Bus	Truck	Total
12-21B	91	236	25	55	407
12-22	0	0	0	0	0
12-23	91	236	25	55	407
12-29	494	834	288	161	1777
13-12A	5779	712	2192	1873	10556
13-12B	3283	654	1499	1296	6732
13-12C	3283	654	1499	1296	6732
13-12D	4158	693	1902	2012	8765
13-12E	3985	2128	2531	2072	10716
13-12F	3985	2128	2531	2072	10716
13-12G	3985	2128	2531	2072	10716
13-12H	4238	3643	2638	2021	12540
13-12I	2859	2786	1920	1336	8901
13-12J	2859	2786	1920	1336	8901
13-12K	2859	2786	1920	1336	8901
13-21	4274	58	1049	896	6277
13-22A	276	329	1	42	648
13-22B	276	329	1	42	648
13-22C	276	329	1	42	648
13-23A	1186	1082	735	848	3851
13-23B	1186	1082	735	848	3851
13-23C	1186	1082	735	848	3851
13-24	2654	38	759	1036	4487
13-51	0	0	0	0	0
14-12A	5142	1054	1675	1749	9620
14-12B	5601	2010	1919	1882	11412
14-12C	5601	2010	1919	1882	11412
14-12D	5601	2010	1919	1882	11412
14-12E	5779	712	2192	1873	10556
14-21A	798	420	378	279	1875
14-21B	798	420	378	279	1875
14-21C	767	388	378	202	1735
14-21D	767	388	378	202	1735
14-21E	992	602	529	379	2502
14-21F	1803	555	407	858	3623
14-21G	1703	1315	321	882	4221
14-22A	683	667	157	315	1822
14-22B	415	774	155	313	1657
14-22C	415	774	155	313	1657
14-22D	415	774	155	313	1657
14-24A	648	599	150	244	1641
14-24C	2654	38	759	1036	4487
14-25A	225	214	152	177	768
14-25B	880	581	165	331	1957
14-26A	31	31	0	77	139
14-27	31	31	0	77	139
14-28A	1461	679	727	1013	3880
14-28B	1461	679	727	1013	3880
14-28C	1461	679	727	1013	3880
14-29A	2344	2865	406	1085	6700
14-29B	1257	1730	95	489	3571
14-29C	0	0	0	0	0
14-30A	1097	1139	425	600	3261
14-30B	647	394	207	199	1447
14-31A	451	745	219	401	1816
14-31B	574	673	195	214	1656
14-32	2654	38	759	1036	4487
14-52	648	599	150	244	1641
14-57	678	635	155	380	1848
21-11A	1568	628	744	597	3537
21-11B	1568	628	744	597	3537
21-11C	986	1245	543	294	3068
21-11D	761	571	549	649	2530
21-11E	761	571	549	649	2530
21-11F	761	571	549	649	2530
21-11G	172	319	178	273	942
21-11H	172	319	178	273	942
21-11I	172	319	178	273	942

APPENDIX 8.10 FUTURE TRAFFIC VOLUMES "Without Project" - 2020

(3/8)

Link	Car	Jeepney	Bus	Truck	Total
21-12A	375	956	281	224	1836
21-12B	375	956	281	224	1836
21-12C	309	817	155	301	1582
21-12D	309	817	155	301	1582
21-21A	541	1444	276	498	2759
21-21B	317	1536	122	282	2257
21-21C	317	1536	122	282	2257
21-22A	309	817	155	301	1582
21-22B	309	817	155	301	1582
21-23B	59	140	41	358	598
21-24A	237	354	213	270	1074
21-24B	237	354	213	270	1074
21-30A	378	942	199	376	1895
21-30B	121	124	49	96	390
21-31	409	874	227	363	1873
21-32	52	119	3	22	196
21-52	0	0	0	0	0
21-53	0	0	0	0	0
21-91A	0	0	0	0	0
21-91B	0	0	0	0	0
22-11A	1170	969	569	1044	3752
22-11B	1373	1258	529	985	4145
22-11C	1074	1294	249	583	3200
22-11D	1735	1015	979	683	4412
22-11E	1735	1015	979	683	4412
22-11F	1735	1015	979	683	4412
22-11G	1907	1075	997	767	4746
22-11H	1907	1075	997	767	4746
22-11I	1568	628	744	597	3537
22-11J	1568	628	744	597	3537
22-11K	1568	628	744	597	3537
22-11L	1568	628	744	597	3537
22-21	394	553	58	136	1141
22-22A	685	961	280	402	2328
22-22B	685	961	280	402	2328
22-22C	685	961	280	402	2328
22-23	0	0	0	0	0
22-25A	538	209	213	216	1176
22-25B	0	0	0	0	0
22-28A	0	0	0	0	0
22-28B	0	0	0	0	0
22-29A	685	961	280	402	2328
22-29B	409	874	227	363	1873
22-29C	409	874	227	363	1873
22-29D	409	874	227	363	1873
22-29E	409	874	227	363	1873
22-56	0	0	0	0	0
22-57A	0	0	0	0	0
22-57B	0	0	0	0	0
22-91	0	0	0	0	0
22-92	0	0	0	0	0
23-11A	1616	342	681	1214	3853
23-11B	1616	342	681	1214	3853
23-11C	1616	342	681	1214	3853
23-11D	2266	2773	646	1166	6851
23-11E	2266	2773	646	1166	6851
23-11F	2266	2773	646	1166	6851
23-11G	1552	1854	630	1156	5192
23-11H	1170	969	569	1044	3752
23-21	382	1454	61	205	2102
23-22	0	0	0	0	0
23-23	0	0	0	0	0
23-24A	0	0	0	0	0
23-24B	0	0	0	0	0
23-24C	0	0	0	0	0
23-24D	0	0	0	0	0
24-21AX	394	553	58	136	1141
24-21AY	194	178	70	198	640

APPENDIX 8.10 FUTURE TRAFFIC VOLUMES "Without Project" - 2020

(4/8)

Link	Car	Jeepney	Bus	Truck	Total
24-21B	194	178	70	198	640
24-21C	194	178	70	198	640
24-21D	0	0	0	0	0
24-21E	0	0	0	0	0
24-23B	0	0	0	0	0
24-91	0	0	0	0	0
31-21A	9162	2388	1725	3287	16562
31-21B	4979	1561	2031	1864	10435
31-21C	4979	1561	2031	1864	10435
31-22A	5537	3174	2211	2720	13642
31-22B	5537	3174	2211	2720	13642
31-22C	5537	3174	2211	2720	13642
31-22D	5537	3174	2211	2720	13642
31-22E	2142	2453	3723	1768	10086
31-22F	2142	2453	3723	1768	10086
31-25B	907	457	449	320	2133
31-25C	0	0	0	0	0
31-51	0	0	0	0	0
31-52	0	0	0	0	0
32-01A	95855	12140	9790	15912	133697
32-01B	95855	12140	9790	15912	133697
32-01C	95855	12140	9790	15912	133697
32-01D	63565	7949	6588	10311	88413
32-01E	63565	7949	6588	10311	88413
32-11A	33560	3494	2351	5291	44696
32-11B	12999	2432	1480	3135	20046
32-11C	12999	2432	1480	3135	20046
32-11D	10177	3395	1453	2831	17856
32-11E	10177	3395	1453	2831	17856
32-11F	5484	39	1484	2898	9905
32-12A	0	0	0	0	0
32-12B	0	0	0	0	0
32-12C	0	0	0	0	0
32-12D	0	0	0	0	0
32-12E	0	0	0	0	0
32-12F	0	0	0	0	0
32-12G	0	0	0	0	0
32-25	0	0	0	0	0
32-26A	3238	1735	50	570	5593
32-26B	0	0	0	0	0
32-27A	0	0	0	0	0
32-27B	0	0	0	0	0
33-11A	5484	39	1484	2898	9905
33-11B	9252	1785	1928	4698	17663
33-11C	7655	1680	1927	3294	14556
33-11D	4342	1465	1622	1979	9408
33-11E	4342	1465	1622	1979	9408
33-11F	4342	1465	1622	1979	9408
33-11G	4342	1465	1622	1979	9408
33-11H	3517	1126	1274	1756	7673
33-11I	3517	1126	1274	1756	7673
33-11J	1616	342	681	1214	3853
33-11K	1616	342	681	1214	3853
33-21A	4311	464	487	2004	7266
33-21B	4311	464	487	2004	7266
33-23A	2105	1921	106	1354	5486
33-23B	2105	1921	106	1354	5486
33-23C	2105	1921	106	1354	5486
33-24A	839	1187	160	463	2649
33-24B	839	1187	160	463	2649
33-24C	213	281	92	126	712
33-24D	213	281	92	126	712
33-25	0	0	0	0	0
33-29A	647	394	207	199	1447
33-29B	647	394	207	199	1447
33-29C	647	394	207	199	1447
33-29D	647	394	207	199	1447
33-30A	574	673	195	214	1656

APPENDIX 8.10 FUTURE TRAFFIC VOLUMES "Without Project" - 2020

(5/8)

Link	Car	Jeepney	Bus	Truck	Total
33-30B	574	673	195	214	1656
33-56A	0	0	0	0	0
33-56B	0	0	0	0	0
34-01A	63565	7949	6588	10311	88413
34-01B	63565	7949	6588	10311	88413
34-01C	8153	963	2149	3183	14448
34-12A	0	0	0	0	0
34-12B	0	0	0	0	0
34-12C	0	0	0	0	0
34-12D	44884	14081	4405	7618	70988
34-12E	17241	12652	2835	3156	35884
34-12F	1944	1950	39	403	4336
34-12G	10097	2913	2188	3586	18784
34-21A	9162	2388	1725	3287	16562
34-21B	9162	2388	1725	3287	16562
34-21C	9162	2388	1725	3287	16562
34-22A	54300	6807	5049	9447	75603
34-22B	13721	4102	1374	2916	22113
34-22C	13721	4102	1374	2916	22113
34-22D	13721	4102	1374	2916	22113
34-22E	4311	464	487	2004	7266
34-22F	4311	464	487	2004	7266
34-27	0	0	0	0	0
34-31B	8153	963	2149	3183	14448
35-12A	10097	2913	2188	3586	18784
35-12B	10097	2913	2188	3586	18784
35-12C	10097	2913	2188	3586	18784
35-12D	5198	763	1897	1890	9748
35-12E	5198	763	1897	1890	9748
35-12F	5198	763	1897	1890	9748
35-12G	5142	1054	1675	1749	9620
35-12H	5142	1054	1675	1749	9620
35-21	0	0	0	0	0
35-22A	2105	1921	106	1354	5486
35-22B	2105	1921	106	1354	5486
35-23A	3604	351	776	1505	6236
35-23B	3604	351	776	1505	6236
35-23C	1461	679	727	1013	3880
35-24A	1275	43	846	251	2415
35-24B	1275	43	846	251	2415
35-24C	678	635	155	380	1848
36-21A	4979	1561	2031	1864	10435
36-21B	3481	800	1448	360	6089
36-22A	1926	1049	607	372	3954
36-22B	798	420	378	279	1875
36-23	0	0	0	0	0
36-51	0	0	0	0	0
41-21	0	0	0	0	0
41-22	213	281	92	126	712
41-23A	223	174	41	193	631
41-23B	223	174	41	193	631
41-24	0	0	0	0	0
41-51	0	0	0	0	0
41-91	0	0	0	0	0
41-92	0	0	0	0	0
42-11A	27661	2880	3218	3790	37549
42-11B	10256	2072	1754	2389	16471
42-21A	17754	2134	1502	1868	23258
42-21B	14886	3739	1400	2084	22109
42-21C	14886	3739	1400	2084	22109
42-21D	10410	2785	1653	2812	17660
42-21E	10410	2785	1653	2812	17660
42-21F	10410	2785	1653	2812	17660
42-21G	11747	4415	1734	3091	20987
42-22A	3166	982	412	486	5046
42-22B	3166	982	412	486	5046
42-22C	3166	982	412	486	5046
42-22D	0	0	0	0	0

APPENDIX 8.10 FUTURE TRAFFIC VOLUMES "Without Project" - 2020

(6/8)

Link	Car	Jeepney	Bus	Truck	Total
42-23B	2429	2966	243	26	5664
42-23C	2429	2966	243	26	5664
42-23D	2635	2741	437	777	6590
42-23E	2635	2741	437	777	6590
42-23F	2635	2741	437	777	6590
42-23G	2635	2741	437	777	6590
42-24A	1295	655	14	61	2025
42-24B	1295	655	14	61	2025
42-24C	1295	655	14	61	2025
42-25A	0	0	0	0	0
42-25B	0	0	0	0	0
42-25C	0	0	0	0	0
42-29C	1337	1630	81	279	3327
42-30A	1337	1630	81	279	3327
42-30B	2082	619	202	790	3693
42-31	0	0	0	0	0
42-33	187	226	37	58	508
42-36	2429	2966	243	26	5664
42-37A	3166	982	412	486	5046
42-91	0	0	0	0	0
43-21A	8762	4729	2805	840	17136
43-21B	8762	4729	2805	840	17136
43-21C	8944	6049	2553	1361	18907
43-21D	8944	6049	2553	1361	18907
43-21E	4414	3464	1011	729	9618
43-21F	3166	982	412	486	5046
43-21G	3166	982	412	486	5046
43-22A	21323	14559	5009	2963	43854
43-22B	21323	14559	5009	2963	43854
43-23A	2738	877	1198	500	5313
43-23B	0	0	0	0	0
43-23D	2027	2563	891	253	5734
43-26A	6844	4253	78	1621	12796
43-26B	6844	4253	78	1621	12796
43-27A	6663	2933	342	1100	11038
43-27B	2383	1335	37	496	4251
43-28A	533	592	0	81	1206
43-28B	4813	2189	305	685	7992
43-29A	0	0	0	0	0
43-29B	0	0	0	0	0
43-31A	1295	655	14	61	2025
43-31B	1295	655	14	61	2025
43-31C	0	0	0	0	0
43-32	1295	655	14	61	2025
44-02A	43078	9464	5281	6808	64631
44-02B	38030	6486	4301	5837	54654
44-02C	38030	6486	4301	5837	54654
44-02D	27573	2830	3209	3782	37394
44-11A	0	0	0	0	0
44-11B	11893	7232	1057	2592	22774
44-11C	676	527	24	116	1343
44-11D	11133	4183	1115	2171	18602
44-11E	88	49	9	8	154
44-11F	27661	2880	3218	3790	37549
44-11G	10256	2072	1754	2389	16471
44-11H	10673	5173	2315	2486	20647
44-11I	9488	2094	1771	2387	15740
44-11J	9488	2094	1771	2387	15740
44-21	11893	7232	1057	2592	22774
44-23A	10787	3700	1133	2212	17832
44-23B	0	0	0	0	0
44-24A	11221	4232	1124	2179	18756
44-24B	11125	3419	1097	2038	17679
44-24C	10806	6278	1572	2005	20661
44-24D	1741	2560	124	506	4931
44-24E	1517	2151	119	379	4166
44-24F	1517	2151	119	379	4166
44-25	417	3101	561	96	4175
44-26B	417	3101	561	96	4175

APPENDIX 8.10 FUTURE TRAFFIC VOLUMES "Without Project" - 2020

(7/8)

Link	Car	Jeepney	Bus	Truck	Total
44-26C	417	3101	561	96	4175
44-27A	0	0	0	0	0
44-27B	0	0	0	0	0
44-27C	0	0	0	0	0
44-29A	225	795	7	127	1154
44-29B	225	795	7	127	1154
44-31A	424	862	46	143	1475
44-31B	461	350	38	118	967
44-32	0	0	0	0	0
45-11A	9488	2094	1771	2387	15740
45-11B	7396	4145	1752	2950	16243
45-11C	8122	4298	1759	3144	17323
45-11D	8122	4298	1759	3144	17323
45-11E	6015	1471	1597	1965	11048
45-11F	3568	832	1524	1676	7600
45-11G	3568	832	1524	1676	7600
45-11H	3385	1236	1497	1744	7862
45-11I	3385	1236	1497	1744	7862
45-11J	2843	1464	1080	1544	6931
45-11K	2843	1464	1080	1544	6931
45-21A	461	350	38	118	967
45-21B	461	350	38	118	967
45-21C	0	0	0	0	0
45-23	2082	619	202	790	3693
45-25A	915	690	58	1177	2840
45-25B	847	613	28	998	2486
45-25C	847	613	28	998	2486
45-25D	696	526	35	888	2145
45-27	0	0	0	0	0
45-28	225	795	7	127	1154
45-29	907	677	177	295	2056
45-30B	585	708	149	280	1722
45-30C	585	708	149	280	1722
45-30D	196	244	34	56	530
45-30E	196	244	34	56	530
45-31	194	312	41	54	601
45-32A	0	0	0	0	0
45-32B	0	0	0	0	0
45-51A	0	0	0	0	0
45-51B	0	0	0	0	0
45-53A	0	0	0	0	0
45-53B	0	0	0	0	0
45-54	0	0	0	0	0
45-91	0	0	0	0	0
45-92	0	0	0	0	0
45-93	0	0	0	0	0
46-21A	7670	9165	964	2043	19842
46-21C	1370	1296	262	335	3263
46-22AX	7670	9165	964	2043	19842
46-22AY	25	6	4	7	42
46-22B	1395	1302	266	343	3306
46-22C	424	862	46	143	1475
46-22D	424	862	46	143	1475
46-22E	424	862	46	143	1475
46-25A	13553	17899	98	6237	37787
46-25B	0	0	0	0	0
46-25C	0	0	0	0	0
46-25D	0	0	0	0	0
46-25E	0	0	0	0	0
46-26A	1370	1296	262	335	3263
46-26B	1370	1296	262	335	3263
51-11A	2484	1489	1079	990	6042
51-11B	2484	1489	1079	990	6042
51-11C	2484	1489	1079	990	6042
51-11D	2414	1302	907	562	5185
51-11E	2414	1302	907	562	5185
51-11F	2414	1302	907	562	5185
51-11G	967	1068	423	391	2849
51-11H	967	1068	423	391	2849

APPENDIX 8.10 FUTURE TRAFFIC VOLUMES "Without Project" - 2020

(8/8)

Link	Car	Jeepney	Bus	Truck	Total
51-21A	0	0	0	0	0
51-22	0	0	0	0	0
51-23A	121	627	33	70	851
51-23B	121	627	33	70	851
51-24	0	0	0	0	0
51-25	292	212	180	249	933
51-27A	1566	487	493	184	2730
51-27B	1262	2149	522	300	4233
51-28A	1262	2149	522	300	4233
51-28B	1262	2149	522	300	4233
51-28C	127	160	2	30	319
51-29	0	0	0	0	0
51-51	0	0	0	0	0
52-11A	2843	1464	1080	1544	6931
52-11B	2843	1464	1080	1544	6931
52-11CX	2684	1971	1053	1285	6993
52-11CY	2480	2420	1042	1192	7134
53-11A	2480	2420	1042	1192	7134
53-11B	2480	2420	1042	1192	7134
53-11C	2443	3031	1023	1168	7665
53-11D	2443	3031	1023	1168	7665
53-11E	2443	3031	1023	1168	7665
53-11F	2053	2051	918	940	5962
53-11G	2437	2493	990	1057	6977
53-11H	2437	2493	990	1057	6977
53-11I	2484	1489	1079	990	6042
53-11J	2484	1489	1079	990	6042
53-21	0	0	0	0	0
53-22A	0	0	0	0	0
53-22B	0	0	0	0	0
53-24A	0	0	0	0	0
53-24B	1233	2404	67	1251	4955
53-25A	934	1093	282	396	2705
53-25B	934	1093	282	396	2705
53-25C	127	160	2	30	319
53-27A	1061	1254	284	426	3025
53-27B	1061	1254	284	426	3025
53-27C	477	519	80	177	1253
53-28A	0	0	0	0	0
53-28B	0	0	0	0	0
53-29A	477	519	80	177	1253
53-29B	238	260	44	88	630
53-30	0	0	0	0	0
53-52	595	781	85	194	1655
53-53	0	0	0	0	0
53-94A	0	0	0	0	0
53-94BX	0	0	0	0	0
53-94BY	239	259	36	88	622
53-96	0	0	0	0	0
54-11A	967	1068	423	391	2849
54-11B	760	1170	388	446	2764
54-11C	548	1191	226	440	2405
54-11D	548	1191	226	440	2405
54-11E	548	1191	226	440	2405
54-11F	447	1080	181	375	2083
54-11G	566	854	268	382	2070
54-11H	481	528	197	256	1462
54-11I	481	528	197	256	1462
54-21	208	629	39	138	1014
54-23	101	111	42	45	299
54-24A	0	0	0	0	0
54-24B	0	0	0	0	0
54-27	101	111	45	65	322
54-28	98	120	37	46	301
54-29A	0	0	0	0	0
54-29B	98	120	37	46	301
54-30	171	439	71	126	807
54-51	0	0	0	0	0
54-52	0	0	0	0	0
54-92	0	0	0	0	0