Table 4-8	FRAMEWORK FOR MAJOR AGRICULTURAL COMMODIFIES
	IN TERMS OF GDP AND PRODUCTION (HIGH GROWTH SCENARIO) (4/2)

Major Tommodities	liem		15.9	1995	2000	2005	2010	2015	2020	2025
	Population	[A]	1.000 person	68.614	76,320	84214	91,851	99,008	105,503	111,4
	Per Capita Consumption	(B)	kg'year	92.2	91.6	98.5	101.5	103.5	105.1	100
	P092ation									
	Total Consumption(Toxy ear) [A]x[B]	(C)	1,000ten/year	6.327	7.222	8,293	9,320	10,249	11,086	11.8
	Other Utilization									
	a. Export	(D]	E.000ton'y ear	0	Q	0	0	0	0	
	b. Seeds	(E.	1,000ten'year	184	265	300	485	590	685	,
	c. Feeds & Waste	ម្រា	1,000(on/) dur	443	645	913	1,179	1.435	1,665	1.5
tice	d. Processing	[G]	1,000ton/jear	276	397	583	725	\$\$3	1.024	1,1
	Total Univation: [C]+[D]+[E]+[F]+[G]	[14]	1,000ton/year	7.235	8,529	10,215	11,709	13,157	14,461	15.0
	Impon	(1)	1,000104/year	268	385	351	395	434	470	1
	GDP (Francework)	01	mill, pesos'y car	28,190	40,571	59,658	74,150	90.254	104,745	117.9
	Conversion Factor of GDP to Production	[K]	kg/peso	0.245	0.245	0.245	0.245	0.245	0.245	0
	Converted Production (Framework)	(t.)	1,000son/year	6.891	9.921	14,589	18,133	22.071	25.614	28.
	Ratio of Production to Consumption :{L}:{C}:(00		12	109.0	\$37.4	175.9	194.6	215.3	231.1	24
	Rotio of Production to Tetal Utilization (L1 (11) (100)		44	95.3	115.3	142.8	151.9	167.8	177.1	18
	Self-Sufficiency Ratio: {[1]/[L]-[D]+[E]/)v100		ſċ.	96.3	96.3	97.6	97.9	98.1	98 2	5
	Per Capita Consumption	(B)	ka 'year	15.7	15.8	15.9	16.0	16.0	16.1	· ·
	Ctilization									
	Total Consumption(Ton'year):[A]x(B)	[C]	1,000ton/year	1.073	1,205	1,337	1,465	1.587	1,700	٩.
	Other Utilizatioa									
	a. Export	(D)	1,000tors/year	206	237	263	341	457	652	
	b. Sceds	[E]	1.000ton'year	54	62	70	89	119	171	
	c. Feeds & Waste	[F]	1,000ton/year	2,883	3.317	3,745	4,775	6.3%)	9,132	в
061	d. Processing	[G]	1,000ton/year	551	633	716	912	1.220	1,744	2
	Total Utilization: [C]+[D]+[E]+[F]+[G]	(21)	1.000 to n'y car	4.772	5.454	6,138	7,582	9,174	13,399	18,
	Import	01	1.000ton'year	0.09	0.10	0.11	0.12	0.33	0.14	
	GDP (Francework)	[1]	mill, pesos'year	9.837	11,315	12,786	16,290	21,801	31,155	45
	Conversion Factor of GDP to Production	[K]	12 5050	0.420	0.420	0.420	0.430	0.420	0.420	0
	Converted Production (Framework)	(L.)),000ton'year	4,129	4,749	5,366	6,837	9,150	13,075	19
	Ratio of Production to Consumption :{1.] [C]v100		5 <u>8</u>	382.9	3940	401.5	466.6	576.5	769. 2	1.0
	Ratio of Production to Total Unlization :[L] [H]v100		4	86.5	87.1	87.4	90.2	93.6	97.6	L.
	Self-Sufficiency Ratio: {[L] 1[L] -{D]+{E}})x100		4	105.2	105.2	105.2	105.2	105.3	105.3	, J
	Per Capita Consumption	[B]	kg'year	8.5	8.9	9.4	9.9	10.4	10.9	
	Utilization									
	Total Consumption(Ton/year):[A]x[B]	(CI	F.000ton'y car	584	683	793	907	1,028	1,(5)	1
	Other Utilization									
	a. Export	[D]	1,00010n/3.car	3.1	3.1	3.1	3.2	3.5	4.3	
	b. Seeds	IE)	1,000ton'year	117	116	117	120	133	161	
	c. Feeds & Waste	(F)	1.000ton'year	6,317	6,756	6,329	6,502	7,189	8,693	31
'oconut	d. Processing	[G]	1,000ton/year	4,880	4,833	4,889	5.024	5,554		8
	Total Utilization: [C]+[D]+[E]+[F]+[G]	[11]	1,000toB'Sear	11,901	11,891	12,130	12,557	13,908	16,725	21
	Impon	0	1.000ton'year	0	0.0	0.0	0.0	0.0	0.0	
	GDP (Framework)	61	mill, pesos year	7.380	7,309	7,394	7.597	8,392	10,156	12
	Conversion Factor of GDP to Production	(K)	kg peso	1.585	1.583	1.585	1.585	1.585	1.585	I
	Converted Froduction (Framework)	[L]	1,000ton') car	11.201	11,588	11,723		13,316	16,102	20
	Ratio of Production to Consumption :[1] [C]+100		12	2,004	1,698	1,481	1,327	1,295	1.398	
	Ratio of Production to Total Utilization :[U] [H]x100		4	98.3	97.5	96.6		95.7		
	Self-Sufficiency Ratio: ([L]/([L] (D]+[E]))+100		<u>ę</u>	100.0	100.0	100.0		100.0		•
	Per Capita Consumption	(5)	kg/year	2.6	2.6	2.6	2.6	2.6	2.6	
	Utilization									
	Total Consumption(Ton/year) :[A]x[B]	(C)	1,000ton/year	175	196	217	238	258	216	
	Other Utilization									
	a. Export	[D]	1,000ton'year	0.004	0.005	0.005	0.005	0.006		
	b. Seeds	{E}	1,000ton/year	0	0	0		0		
	c. Feeds & Waste	(F1	E000ton/year	0	0	0		0		
ugancane	d. Processing	(G)	1.000ion'year	17,389	21,508	22,078		27,425		
	Total Utilization: {C}+{D]+{E}+[F]+[G]	(H)	1,000ton/year	17.564	21,704	22.295	23,961	27,683		
	Import	Ø	1,000ton/year	Û	0	0		0		
	GDP (Framework)	(រ)	mill. pesos'year	3.964	4,903	5,033		6,252	7.907	10
	Conversion Factor of GDP to Production	[K]	kg/pcso	4,436	4,435	4.436	4,435	4,436	4,436	4
	Converted Production (Framework)	[L]	1,0001015237	17,581	21,749	22.326	23,989	27,733	35.075	16
	Ratio of Production to Consumption :[1]:[C]:(100		લ	10,029	11.097	10.272	10.069	10.745	12.690	- 15
	Ratio of Production to Total Utilization :(L) [H]x100		G.	100.1	100.2	100.1	100.4	100.2	100.3	I
	Self-Sufficiency Ratio: ((L) ((L)-(D)+(E))+(100		S.	100.0	(00,0	100.0	100.0	100.0	100.0	1

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> Data Sources: U"Supply and Utilization Accounts of Selected Agricultural Commodifies" 1992-1995, Agricultural Accounts and Statistical Indicators, Division Bureau of Agricultural Statistics, Department of Agriculture, December 1996.

2. " Selected Indicators of Food Situation in the Philippines", BUREAU OF AGRICULTURAL STATISTICS, April 1995,

Table 4-9	FRAMEWORK FOR MAJOR AGRICULTURAL COMMODITIES
	IN TERMS OF GDP AND PRODUCTION(IIIGH GROWTH SCENARIO) (2)

fajor Tentrisodities	ite m		Unit	1995	2000	2065	2010	2015	2020	2025
Populatio	ND	[A]	1,000 person	68,614	76,320	84,214	91,851	99,008	105,503	111.47
	Per Capita Consumption		kgiyear	20.4	20.6	20.7	20.8	20.9	21.0	21.
	Utilization									•••
	Total Consumption(Ton') car):[A]v[B]	(C)	1,000ton/year	1,403	1,569	1,741	1,908	2,067	2.213	2.35
	Other Utilization		1,0001001910			•,,, •••				•
	s Export	(D)	1,000ton/year	1,110	1,100	1,184	1.404	1.790	2,437	3,39
	b. Seeds	{E]	1.000ton'year	184	183	197	233	297	-405	56
	c. Feeds & Waste		1,000ton'year	413	444	478	567	723	-102 984	1.37
anana	d Processing	[E] (C)	•		273	294	349	445	605	81
anana	•	[G]	1.000ton'y ear	276			4,460	5.331	6,644	8,53
	Total Utilization: [C]+[D]+[E]+[F]+[G]	(11) (11	1,000ton'year	2.311	3,569	3,894			0.044	6,2,
	Inspon CDP (Example)	[1]	1,000ton'year	0	0 2,934	0	0 3,746	0 4,776	6,502	9,0;
	GDP (Francework)	[7]	mill, peses'y car	2,962		3,160				
	Conversion Factor of GDP to Production	(K)	kg peso	1.062	1.062	3.062	1.062	1.062	1.062	1.0
	Converted Production (Framework)	(L)	1.000ton/year	3,145	3,115	3,355	3,977	5.070	6,903	9,6
	Ratio of Production to Consumption [1.] [C]v100		с;	224.1	198.5	192.7	208.5	245.3	311.9	409
	Ratio of Production to Total Utilization (IL) (H]v100		4	136.1	87.3	86.2	89.2	95 3	103.9	112
	Self-Sufficiency Ratio: ([1.] ([1.]-(D]+(I])) x1(0)		• • • • • • • • • • • • • • • • • • • •	1516	154.6	154.6	154.6	154,6	154.6	
opulation		[A]	1,000 person	68,614	76,320	84,214	91,851		105,503	
	Per Capita Consumption	(B)	kgʻyear	17.2	19.0	20.8	22.5	24.1	25.6	27
	Difficution									
	Total Consumption(Ton's car): [A]v[B]	[C]	1.000ton'year	1,182	1,451	1.751	2.068	2.389	2,702	3.0
	Other Utilization									
	a. Export	[Ð]	1,000ton/year	0	0	0	0	0	0	
	b. Feeds & Waste	(E)	1,000ton'year	0	0	0	C	0	0	
	c. Processing	(F)	1,000ton/year	27	35	47	62	85	118]
Nestock	Total Utalization: [C]+[D]+[E]+[F]	[6]	1,000ton/year	1.209	1,437	1,798	2.130	2,474	2,821	3,
	Impera	[H]	1,000ton/year	45.1	\$5,4	66.8	73.9	91.2	103.1	н
	GDP (Framework)	01	mell, pesos'y ear	19,839	26,181	34,916	46,496	63,316	88,153	124
	Conversion Factor of GDP to Production	[月]	kg peso	0.061	0.061	0.061	0.061	0.061	0.061	0.0
	Converted Production (Framework)	[K]	1,000ton'y car	F.211	1.598	2.331	2.838	3.864	5,380	7.3
	Ratio of Production to Consumption :[K]-[C]-C00		4	102.4	130.1	121.7	137.3	161.7	199.6	25
	Ratio of Production to Tetal Utilization ([K], [G]x100		5	100.2	107.5	¥18.5	133.2	156.2	190.7	23
	Self-Sufficiency Ratio: {[K] 1[K] {[D] + [H] 1] × 100		Se	96.4	96.6	97.0	97.3	97.7	98.1	9
	Per Capita Consumption	[E]	kgiyear	7.9	8.5	9.2	9.8	10.5	11.3	
	Utilization									
	Total Consumption(Ton'year) (AJVB)	(C)	1.000ton/year	5 : 1	652	771	902	1,042	1.190) 1.
	Other Univation									
	a. Export	[8]	1,000ton/year	0	0	0	0	C) c	,
	b. Fgg Hatched	(E)	1,000ton'y car	14	18	24	31	41	56	5
outry	c. Processing	en	1.000ton/year	5			11	15		
	Fotal Utilization: [C]+[D]+[E]+[F]	[G]	1,000ion/year	563				1.098		
	Import	0.0	1,000ton'y car	0.5						
	GDP (Framework)	0	näll, pesos year	16.055						
	Conversion Factor of GDP to Production	- 13	kg prso	0.036			0.036			5 0.
	Converted Production (Framework)	ĮKĮ	L000ton'y car	585						
	Ratio of Production to Consumption :[K] [C]x100		ş.	107.6						
	Ratio of Production to Total Utilization :[K] [G]+100		4	104.0						
	Self-Sufficiency Ratio:{[K]+(C]+(II])}x100		4	92.9						
	Per Capita Consumption	(B)	kgiyear	23.1	23.2					
	Etilization	101	12 Jun	20.1	22	2.7.5	2.0.4	2.10	3 23.	,
	Total Consumption(Ton/year):[A]v[8]	(C)	1.000ton'y car	1.584	1.771	1.964	2.153	2.33	2.493	S 2
	Other Utilization	1.1	1.000001 Jean	1.501	1.77	1.50	2.135	2,33	2.40	5 2
		(5)	L MODe se la ser			1.70		•••		
	a, Export N. Castell, C. Martinez	(D)	F.000ton/year	172						
	b. Feeds & Waste	[F]	1,000ion/year	124						
·	c. Processing	(F)	1,000ton'year	1,123	-					
when	Total Universion: {C}+[D]+{E}+{F}	[G]	1,000ton'year	3.004						
	laipon	[13]	1,000ton year	261						
	GDP (Framework)	[1]	mill, pesos') ear							
	Conversion Factor of GDP to Production	(J)	kg peso	0.137	e in	0.13	0.133	0.13	7 0.13	7 (
	Converted Production (Framework)	[K]	1,000ion/year	4.63	4,473	4.79	5,005	5.18	7 5.24	S 5
	Ratio of Production to Consumption .[K] [C]x100		۲ ۲	292.3	5 252.8	3 243.9	9 232.5	i 222	4 210	1 2
	Ratio of Production to Total Utilization :[K]/[G]x100		94	154.3	142.4	1 139.0	5 135.:	132	2 127.	8 1

Data Sources : 1. "Supply and Utilization Accounts of Selected Agricultural Commodifies" 1992-1995, Agricultural Accounts and Statistical Indicators Division

Bureau of Agricultural Statistics, Department of Agriculture, December 1996.

2. " Selected Indicators of Food Situation in the Philippines", BUREAU OF AGRICULTURAL STATISTICS, April 1995.

ŝ	avera	1004	YOUT	0.04	2006	0104	2010-	0.04	2004			Ň	Annual Average Urowin Kan	UDWIN KAR			
į	100235	122.1	2	-			2	· · · ·		2001	1966-	1.000	12005	120105	-2015	(2020-	し湾門
										0001	COULT I	1000	wier.	2014	0.00	19500	1000
l	NCK.	121/042	100.442	1.1 × × ×	107"#4#	0.54,443	67.2.NOA	V64,245.1	2.019.057	6,05	÷.	2.14	1. L	2172	W. T	21.76	177 1
	CAR	16,762	17,699	1111	2,9,6	46,690	112.00	95.299	140,457	អ្	7.16	12.7	8	7.26	7.51	40'X	5.5
	thoras	110.4	26.05	105 71	47,899	67.275	26,262	141,179	213.471	4	X AUX	6.78	1.0.1	1.43	2.7	C0.X	7.5
	Cagavan Valley	16,4%5	060,01	24,405	14.43	10V NT	21,220	106,513	165,659	5.17	9.45	7.07	7.31	7,92	8,44	0.17	8.8
	Central Luzon	181.35	82,724	107.697	152,135		304.958	100,005	6,14,204	6,0X	N0.0	7.15	51.1	<u>5</u> 2	7.41	5.7	F F
	South Tagalor	126,303	101.07	17X, 554	260.944	121 232	\$61.249	210.748	1, 270,987	5.44	7,61	7, XX	1.94	8.03	17 x	69.8	õ
	Bicol	000000	24.042	30,268	40,478	54,417	7.1,672	101,422	984.24	4	1997 - S	S. S.	6.10	6.25	5.60	7.06	\$.5
	West Visayas	140 M	810.05	76.057	109,601	140,8021	192,363	264,19%	140.13	, Î	1.56	6.33	6.38	(i,4H	6.43		4 S
	Central Visivas	52,680	57,167	156.24	10,075	027,691	240,499	19:05:	713 075	6.11	70	1.94	K.0.X	8.00	8.47	хх х	т.х Т
-	East Visitvas	19.374	20.941	205,12	42,177	65.259	102 004	162.174	65.56	3.65	to x	5,8,5	9.12	¥.0	9,72	10.34	õ
	West Mindanao	21,509	22.570	26,850	14,407	44.64	CC ()XS	520,84	19, 25,	3.36	57.4	NOX.	2.22	るい	8 <u>9</u>	6.62	ŝ
	North Mindanae	41.758	44,179	57.754	61.950	117,755	169.644	249,624	126, 154	ž	5	2012	1,45	7.65	50'N	8-2 8-2	2,6
	South Mindanao	24,200	55, 989	70.203	94,663	007 XC	17.627	144.199	347.634	A KK	5.71	6.13	6.30	6.45	Š Š	A.	ی
	Central Mundanao	22,052	23.595	29,001	24,000	40,959	65,903.	CFX'2X	119.029	6.7H	640	1575	50%	5.70	5.92	97.9 97.9	5
	Акми	7,965	(12) X	10,044	17.667	19 454	11 752	519.97	116.147	5	0.54	0.4.4	75 X	0.0	10.74	1.1.1	6
ĺ	Tintel	111 040	CV (.P.	1 4 4 1 1	110 110 1	12112	1 104 1 23	140, 10, 12	1012 1014 1	12.5	7 1.14	1 101	1.0	24 6	7 6.4	-	¢.

Table 4-10 RESULT OF PROJECTION FOR GROP BY REGION (AT CONSTANT 1985 PRICES)

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Table 4-11 RESULT OF PROJECTION FOR GRDP PER CAPITA BY REGION (AT CONSTANT 1985 PRICES)

												:			
9	Kevion	300 I	1000	2002	2010	5102	0202	202			Annual A	Annual Average Growth Kate (14)	th Kate		
ł								i	1.991	2002	(2001)	~010	(301)	1020-	3061
									i con	ίų.	ê Ç	15104	50200	19202	1202
	NOK -	10172	10.05	40,240	477.5	11, 265	100.674	151,254	5.10	00.6	SN:	41'0	90'0	1	6.1.9
	CAK	046,61	16.605	1.20	27,439	X6.082	12,00,74	010120	4.47	No.	\$2. \$	563	612	6.9	5.57
	llocos	6.116	× 213	10,687	4,010	18,022	26.496	14. S.	01.4	0	ý,	6.20	6.97	7.79	3
	Cagavan Valley	6,500	8.677	11,126	4,0.26	20,002	26.55		26.2	0.0	5.62	\$ 1 .0	7.78	8,34	6.47
	Central Luzon	90° 11	14,011	13,054	23,660	31,470	40,04	0100	4.38	87	95° 5	5.8%	6.32	6.88	5.70
	South Tagalog	12,704	15.790	20,370	0.50	729	40,407	61.771	4,40	12%	5.43		5.97	6.S	5.51
	Dicol	2803	6.164	758,7	9.785	12,444	16.278	916.12	0277	4 24	4 2 7	16.4	5.52	6.13	4.76
	West Visitvas	10.079	12,031	15,024	18,946	24.305	100000	43,714	3.60	4,54	4.79	12	5.71	6.30	(0 ')
	Central Visayas	10,507	13.674	18.285	04,470	22.12	104,14	10.771	14.2	5.8	7	6,63	7. I X	×X.	6.36
	1. ast Visavas	5.756	7.77	10,204	14,426	20,441	30,9,58	47.670	5.07	6,72	71.7	7.64	8,233	9,02	5.5
	West Mindanao	2011	8.518	9.766	11,497	020,01	17,409	209722	661	111	22	3.01	5,0,5	41.1	2,000
×	North Mindanso	10,561	1000	16,537	1.47	22,410	30,000	012.33	2 T	4.93	ş.	5.4.3	6.47	7.20	5,67
	South Mindariad	249/01	Sector	14,662	17,975	122	201.02	100.01	1.74	A.70	4.16	4.6.1	5.28	×6.	4.41
	Central Mindanao	9.344	10.924	12.787	15,200	18,67.	2000	10.053	2112	97.F	3.644	4.0%	6. 4	¢۲.,	5.4
	ARMM	1.941	\$ 474	1111	0.20	14 000	23,1%6	14,071	6.41	(U)	ት የ	1 NV	(17)	10.43	7 84
	(et al.	012.14	1455 571	916 87	Con Inc.	100	4.25	X1-2-1-1	95.6	015	4.42	11.5	С. С	1.11	10.7

Table 4-12 RESULT OF PROJECTION FOR GROSS VALUE ADDED IN AGRICULTURE AND FORESTRY BY REGION (AT CONSTANT 1985 PRICES) (Unit: Mill.Pesor)

	:						:				1						
ĺ											Ż	annal Averug	R Crowin Kar	ž			
0	Kerion		250	80	2005	2010	200	2020	10				(d)				
									i	1905	(1996-	12000-	2005-	19192)	2012	-0202)	
i			:		·					10901	10002	3000	1010	30151	10202	2025)	19202
	NCK	>	0	.ว		S	5	0	0		•		 -				
	CAR	Sec.	0. 2	3.718	4,649	000.5	219	10,074	13,642	2.74	ŝ	4.75	4.70	25	5.76	(T)	.0.
	(locov	10.44N	10,005	14,065	14,603	23.548	30,595	-0.775	55,065	11,43	5.8.3	53.4	4.83	¥4.	5.91	6,42	.7.
=	Cagovan Valley	N.752	X.792	1.96	17.118	22,555	N0.656	42,932	61,8%6	9.44	7.85	100	5.67	5.33	10,07	7.59	6.74
H	Central Luzon	C07 _ 1	C61 X1	20.004	24,456	36.836	001.77	12.75	61,490	Я Л	2.81	4.10	87	4,51	4.95	9	4.15
2	South Taralog	572.573	13.70K	13 165	16.257	56.16	71.434	91,750	20, 00	3,22	12.4	î,	42)	4°YY	5 H S	5.53	4.4.4
>	Bicol	5,692	LLU, X	127.0	11,560	13.703	16.54	125,02	25,174	020	18/2	3.50	3.46	5.84	4,20	4.54	1.64
Ñ	West Visitud	97. C.	20,402	11,705	26.679	A	40.682	990K 15	157-10	-0.80	15.6	4,13	¥0,4	4.54	4,95	0	4.26
117	Control Visionis	10972	7.07%	N. 363	9,669	11.155	13.064	15,516	18,671	马门	08.1	30	00 F	1.21	9. C	3.77	0
liIΛ	Last Vissivas	6.074	6.225	6.507	222	09/211	10.44	23.14	200,02	1.13	1,50	882	\$0.5	6.64	15.7	8.5	8
Š	West Mindanio	10,907	10,175	12.048	767.51	15,035	16,961	19,225	61272	А.	9	2.5		4 4	3.7	t t	2
~	North Mindanao	15.360	\$ 70	007 XI	22.400	27.760	34.158	おすち、とう	NE 0 195	4.57	1.1	4.13	4.08	4.54	4.0N	9 4 .5	45
N	South Mandanao	20.628	20.679	02.22	144.42	920,62	33,717	302.05	190''4*	8	1.80	2.76	173	8.0	E CE CE	1.51	27
NIK	Conjegt Mindanao	N.C. 1	1502	N OL	8,008	10.01	11.302	<u>Š</u>	14,528	સં	0	ຊີ	64 F4	4	7.	5 F. C	28
	ARMM	4 702	4 77	5 6.15	τ, te, i	ST S U	13,413	NUO SI	74 247	F.47	\$× 4	0.75	4,70	5.74	5 74	50.5	5 64
I	i enal	141 2	11/11/	10.00	24/14/20	Sector Card	11-12	(NI) . 7	11212	100		199	1117	0.1		(1)	0
				and the second se													

Data Nource : The figures as of 1995 were referred from Philippine Matistical Vearbook, 1996. NSCB

		I abie	4-15	Iadie 4-13 KEDUL	-	rkojev		NNSTA	AT CONSTANT 1985 PRICES)	PRICE	SS)	OF FROJEUTION FOR GROSS VACUE ADDED IN THE CONSTANT FILLING			222				
															P.	(Unit of CIVA : Million Pecos)	Million Percer		
													ΝV	Annual Average Growth Rate	Growth Rate				
:	3		202	1/4/2	0001	1000	0.01	3 U L	0000	2024				(35)					
0	noigan			Circa 1	111		10107					(1965-	(2000-	(2005-	2010-	(2015-	(2020-	-5661)	
											19091	2000	20041	20101	2015)	20201	20251	15.02	
			001.02	101 212	142 666	111 002	NOS COL	NPL LU	15 545	020/288	527	8.30	2.40	7.67	7.42	01.7	7.55	7.57	
	X X		201.02				102 3C	16.76	12,01	USE NO	6.03	12.1	0.92	0X.9	6.56	6.45	6.64	6.75	
	CAR		60	10.14	000/01		- ACTON	02020	1.55 55	091.00		12.16	11.45	2" :: :	10.96	10.42	0711 1	11.29	
	llocos				000.0		a 19 C 1		101	17.475	10.07	13.05	12.20	12.14	82'11	11.64	12.05	12.06	
	Cagayan Valley		2110	N.4.1		01 17	10771	220102		171 143	4	9.14	64° 8	.×.	61'x	£,0,×	8.33	8,74	
	Central Luzon			140,05				009 222		812 820	919	10.23	9.62	9,4X	010	9.06	9176	9.35	
	South Tagalog		100,00	000160	21.010			25.000	101 11	55 422	6.53	0.0	05'X	CE. N	\$.10	7.0N	8.24	×.29	
	19.00		0.7		104.01	000 xc	145 42	61.161	N7.8.77	127-516	5.93	X.5.3	10'X	7.8%	19	1572	7.74	52.7	
	West Visavas		6/0/01	017.41	12/21	202 CA		10001	155,000	0EX 172	7.76	10.34	9.73	65'6	67.6	9.17	9.47	9.51	
	Central Vicayon		202	00711			19122	63.66	105.403	187,850	5	12.60	11.87	11.71	26.11	5771	11.62	11.73	
	Lines University as			1050 t	109 S	8.650	NO LI	10.537	26,989	41.55	5.0.5	9.30	\$ 75	N.61	8.34	22.8	¥† 7	K.47	
			141		1115	20 400	47.614	25, 805	119.984	192,741	1.67	10.84	10.20	10.06	37.6	9.62	9,04	8	
	COULD MINUMANO		1000	101	10500	121 02	44,107	63,699	91,494	132,875	6.22	8.53	8.02	0872	7,63	7.51	32.5	1.81	
	Control Mindago			0 × 2 7	2221	IX.762	26.458	36,893	51,173	21,668	91.11	17.7	7.24	7,12	6,8%	6.76	6.97	12.7	
	ARVM		1314	1,4X0	2,619	5.145	10.017	19.228	36.596	71, 182	12.60	15.34	14.47	14,29	13,89	13.74	14,23	14.23	
	Total		000 280	101.006	411.655	656,875	906.XS2	1,408,023	2 2 49.715	3,434,556	6.24	9:29	8.76	S.70	65	¥,46	K.K.K	¥.64	
	14441	-	0.444																

Table 4-13 RESULT OF PROJECTION FOR GROSS VALUE ADDED IN INDUSTRY BY REGION

Data Source (The figures as of 1905 were quoted from Philippine Statistical Yearbook, 1936 Total

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Table 4-14 RESULT OF PROJECTION FOR GROSS VALUE ADDED IN SERVICE BY REGION (AT CONSTANT 1985 PRICES)

												٩	Annual Average Growth Rate	Growth Rate			
. N.	D an end	1001	1000	2000	2005	2010	2015	2020	2025				(*;,)				
2									1	-5061)	1.961	(2000-	-3005)	-010-	-3102)	(2020	-5001
										10001	20001	20051	2010)	20151	2020)	19202	2025
	202	140.041	110 011	106172	275.090	385.546	540.056	468,877	1,134,158	6.17	7.00	2.00	6.9X	6.97	7.46	7.94	7.20
		1011	4 11	210.5	9.245	14.396	22,399	160,86	58.435	4,40	8.97	9.27	97.9	9.24	9.74	10.39	<u>ې</u>
		0.684	0 177	12.088	17.517	23,613	518.15	43,847	61.646	60'S	6.29	6.17	6.15	6.14	6.63	1.05	Ŷ
	Comment Vellar	512.5	5 224	7.658	10,109	13,645	18.542	25,683	82.8	5.37	6.18	6.13	6.26	120	6.73	7.16	\$
	Cugayan vancy	20.00	28, 172	N6.526	0.40	69.515	95,822	125,223	194,661	\$ 17	6.71	6.65	6.64	6.63	7,12	1.57	Ċ.
	Contraction London	18 140	40.640	53 K76	76.772	025.001	155.635	226.632	137,467	6.53	7.30	7.74	5.73	227	7.XI	1178	r:
	Diani tegnici	0 747	10.082	ENX C1	17,405	23,503	31 721	47.798	61,693	1.43	6.32	6.20	6.19	6.1%	3 ඉ	2.09	\$
		196.35	26.645	10.52	47.762	C 20 5 V	91.019	128-505	185.364	0.5	6.73	\$9.9	6.67	6.65	7,14	7.60	ò
			1000	41871	60.722	88.014	127,502	388.956	287,025	7.18	7.63	27.7	17.7	50,5	8,19	8.72	1
_ :	CONTRA VISUAL	233 2	191.4	61% X	1005	217.2	591 ES	10.857	43,806	4.63	6.45	6.36	6.35	6.14	6.42	7.26	Ċ,
	21/21 V 15/22	0.200	141	NOT O	022 21	10-50	22.23	30,609	42,981	4.1	6.27	6.14	6.13	6.12	8.°	7.01	¢.
			16.186	21.206	090 04	187.07	59.72	86.092	126,975	6.27	215	7.12	7.11	7.10	7.59	30.1	7.
	USURDATINI GURON	10.647	20,800	27.565	10.01	55.276	78,211	113.204	167,69K	6.28	7.19	7.21	7.20	61.5	7.6x	8.18	۲.
k i	Central Mindanao	5.902	6.209	1821	10.240	13,460	17,683	23,764	32.521	5.20	(X)	5.63	2.62	1915	6.09	Q.4X	5X 5
	ARMM	040.1	2.083	2,419	4,140	6.075	N.910	046.61	20,578	6. KK	7.×6	X6.1	7.97	8 1	X.45	10.9	<u>-</u> *
	TAIL	145.714	365 046	479,680	672,777	943.604	1,323,453	0x0'66x'1	2 191 707	6.00	00'1	7.00	7.00	2.00	7.50	90'X	7

Data Source : The figures as of 1995 were quoted from Philippine Statistical Yearbook, 1996

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WRR	Name of											il Avera	ige Gros	a th Rur	iə(41	
No.	Water Resources	River Basin	1995	2000	2005	2010	2015	2020	2025	1995 -	2000-					 19
	Region (WRR)									2000	2005	2610	2015	2020	2025	20
ł	Prices	Abra	3,620	5,0GS	6.960	9,724	13,749	19,823	29,430	6.71	6 50	6.92	7.15	7.61	8 22	
		Lonog	2.164	3,074	4,130	5,595	7,751	11,031	16,1\$1	7 27	668	626	6.74	7.31	7,96	6
		Sub-total	5,784	8,083	11.099	15,319	21,490	30,854	45.612	6.92	6.53	6.67	7.00	7.50	8.13	
		Other Area	13,250	18,812	26.144	16,150	51,633	24,341	109,915	7.26	6.80	6.93	7.15	7.56	8.15	
		Toul	19,034	26,895	37,234	51,870	73,123	105.198	155,585	7.16	672	6.85	7.11	7.55	8.14	
н	Cagayan Valley	Cagayan	15,464	22.656	31,855	45,246	65,794	98,070	151,298	7.94	2.05	7.27	7.75	8.34	9.06	
		Abalog	1,722	2,409	3,363	4,742	6,809	10.037	15.294	6.94	6.92	7.19	7.50	8.07	8.77	
		Sub-total	17,157	25,065	35,220	49,982	72,513	105,107	166,582	7.84	7.04	7.25	7.12	8.31	9.03	
		Other Area	4,194	5,926	\$,307	11,741	16,904	24,961	38,063	7.15	6.99	7.17	7.56	8.11	8.81	
		T लाजी	21.381	30.991	43,527	61,732	89,417	133,668	204,645	7.71	7.03	7.24	7.69	8 28	8.99	
BI	Cerebul Luzon	Pumpinga	54,161	75,388	107,470	(53,367	218,544	313,899	458,615	684	7.35	7.37	7.34	7.51	7.88	
		Agoo	17,419	24,334	34 218	48,407	68.977	9 9,888	148,316	6.91	7.06	7.18	7.34	7.69	8 23	
		Sub-total	71.581	99,722	141.689	201,774	287,521	423,782	606.933	6.85	7.28	7.33	7.34	7.55	7.95	
		Other Area	26.673	36.056	49,976	69,748	98,283	1-10.851	206.673	6.2)	6.7 <u>5</u>	6.89	7.10	7.46	7,97	
		Total	98,254	135,779	191.664	271.522	385,803	\$54,638	\$13,604	6.68	7.14	7.21	7.25	7.53	7.96	,
W	Southern Tagalog	Pasig Laguna Buy	284,459	495,876	584,302	8,39,764	1,201.138	1 734,513	2.550.750	7.37	7.56	7.52	7,42	7.63	\$.01	
		Amnay Patrick	2,560	3,554	4,673	6,181	\$,334	11,501	16,290	4,44	5.63	5,76	6.15	5.65	7.21	
		Sub-tetal	287,318	409,430	588,975	8 15,9 18	1,209,473	1,746,314	2.567,040	7.34	7.54	7.51	7.41	7.62	8.01	
		Other Area	76,092	165.154	151,064	218.391	317,465	467,379	703,137	6.68	7.51	7.65	7.17	8.04	851	
		Total	363,410	514,583	740,039	1,064,329	1,526,938	2,213.693	3.270,157	7.20	7.54	7.54	7.49	7.71	8.(2	
۷	Picol	Bicol	6,395	8,273	11.10(14,966	20.300	28,002	39,413	5.28	6.06	6.16	6 29	664	7.08	
		Other Area	17.125	21,994	29,317	39,451	\$3,372	73,420	103,076	5.13	5.96	6.07	6.23	6.59	1.02	:
		Total	23,520	30,261	40,478	54,417	73,672	101,422	142,489	5.17	5.99	6.10	6.25	6 50	7.04	I
VI	Western Visaya	Panay	5,478	6.959	9.359	12,569	17,018	23,433	32,925	4.99	6.01	6.08	6 25	651	7.04	ł
		Bog Hilubungan	7,079	9,313	12.747	17,403	23,920	33,415	47,604	5.64	6,43	6.43	6.57	6.91	1.34	
		Fataur	5.828	7,714	10,568	14,499	19,953	27,591	39,717	5.77	6.50	6.53	6.59	6.92	7.33	
		Sub total	18.385	24.015	32,643	44,471	60,891	84,724	120.247	5.49	6.33	6.3\$	6.47	6.83	7.25	
		Other Area	45,214	59,478	81,297	111,464	153,627	215.282	308,015	5.64	6,45	6.52	6.63	6.98	7.43	
		Total	63,599	83,494	(13.94)	155,935	214,518	300,006	438,262	\$.59	6.42	6.48	6.59	6.94	7.38	,
VII	Central Visayas		47,307	68,332	100,459	148.275	218,933	327,738	501,587	7.63	8.01	8.10	\$.13	8.40	8.88	
vu	Eastern Visayas		19,373	27,598	42,177	65,239	102,001	162.374	265,561	7.33	8.\$5	9.12	9.36	9,72	10.34	ł
IX.	Southwestern Mindisnao		27,508	35,353	45.688	62,696	85,779	120.651	175,658	5.15	5,72	6.97	6.47	7.06	7.80	ł.,
x	Northein Mindanao	Aguasan	10.922	4,149	19.969	25,702	35,439	49.975	72,425	5.3)	6.04	6.27	6.64	7.12	7.70	l
		Tagoloan	3,562	4.910	6,949	9,930	14,138	21.069	31,735	6.63	7.19	7.40	7.63	8.00	8.54	į.
		Cagəyari De Oio	3.408	4,695	6,641	9,452	13.678	20.082	30,224	6.62	7.18	7.38	7.60	7.98	8.52	!
		\$55 total	17,892	23,753	32.557	45.114	63,455	91,127	134,384	5.83	6.51	6.74	7.06	151	8.08	•
		Other Area	17.567	25,208	36,902	54.368	80,400	120,489		7.49	7.92	8.06	8.14	8,43	8.91	
		Total .	35,459	48,960	69. 458	99,481	143,855	211,616	319,041	6.67	7.24	7.45	7.66	8.03	8.55	•
ŧ	Southeastern Mindanao	Tagun Libuganon	4.602	5,691	7.391	9,694	12.883	17.500	24,389	4.34	5.36	5.58	5.85	6.32	6.85	
		Busyan-Malungon	2,745	3.540	4,749	6,421	8,752	12,149	17,251	5 22	6.05	6.22	6.39	6.78	7 27	•
		Davao	6,803	9,251	12,879	17,993	25,165	35.676	51.599	6.34	6.9 \$	6.92	6.94	723	7.66	ł
		Sub-tent	14.450	15,483	25,018	34 68	46,803	65,324		5.4)	623	6.39	6.53	6.90	7.58	i
		Other Area	56,331	48,109	65,313	89,598	124,290	176,105	256,981	5.78	6.31	6.53	5.76	7.22	7.85	i
		Тониї	50,451	66 .591	90,331	123.707	171,093	241,429	350.231	5.70	6 29	6.49	6.70	2.13	7.72	!
хн	Southern Mindanao	Mindanao	25,721	33.798	44,781	60.045	81.712	\$13,766	163.350	5.61	5.79	6.04	6.36	6.84	7.50	}
		Agus	3.975	5.621	7.755	10.756	15,139	21.576	31,763	7.(8	6.65	6.82	6.99	737	\$.04	ŀ
		Sab-total	29.695	39,419	52,536	70,831	96.831	135,342	195.115	5.83	5.91	6.16	6.45	6.93	7.59)
		Other Area	4,435	,5,722	7,674	10,377	14,145	19,632	27,888	5.22	6.05	6.22	6.39	6.78	1 27	ı
		Tetal	34,130	45.(4)	60,210	\$1.206	110.976	154.975	223.001	5.75	5.93	6.17	6.45	6.91	7.55	۱
	Grand Total		\$03.455	1,113.984	1,575.208	2249,430	3,195,201	4.626,814	6.849,831	6.75	7.19	7.29	1.36	7.68	8.16	ŝ

Table 4-15 RESULT OF PROJECTION FOR GVA IN ALL SECTORS BY WATER RESOURCE REGION AND RIVER BASIN (AT CONSTANT 1985 PRICES)

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Table 4-16 COMPARISON OF ECONOMIC GROWTH IN ASIA

Anual Anual <th< th=""><th>Mailtone Lias avo. South Liaw Allo Allo<!--</th--><th>AN South Avia Avia of Avia Chura NEs Allower More avia Avia of Avia Allower Allower</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>A VIEL</th><th></th><th></th><th></th><th></th><th></th><th>KU CAR</th><th>¥.</th><th>Š</th><th>PLOX</th></th></th<>	Mailtone Lias avo. South Liaw Allo Allo </th <th>AN South Avia Avia of Avia Chura NEs Allower More avia Avia of Avia Allower Allower</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>A VIEL</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>KU CAR</th> <th>¥.</th> <th>Š</th> <th>PLOX</th>	AN South Avia Avia of Avia Chura NEs Allower More avia Avia of Avia Allower Allower										A VIEL						KU CAR	¥.	Š	PLOX
Attain Growth Lower Lawer Attain Kitter Lower Mater Mater ADB MF ADB MF Weed Lawer MF Weed Lawer MF Weed Lawer MF	ADR World MF IMF IMF IMF MF WIL World IMF MF IMF World Wile Wile<	ADR World World World World World World World World World Bank ADB IMF ADB IMF ADB IMF IMF World Bank ADB 102 7.5 7.4 K2 K0 2.1 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5		-	sanddiru			line and	South East	South	Asia		China	NIE		All Coun	un cs				
Artikul Isole Lavet Crownh Lavet Crownh Lavet Crownh Lavet Crownh Lavet Crownh NDR MDF MDF DMF	ADI Word Tank ADB IMP ADB IMP IMP IMP IMP Bank AD N2 64 90 63 63 73 73 84 82 23 24 40 74 65 53 63 73 73 84 27 26 46 75 65 53 60 61 72 73 23 23 24 54 40 54 40 54 20 60 61 72 73 23 23 24 54 20 60 61 72 73 23 23 20 54 20 60 61 72 73 23 23 20 54 20 20 60 61 72 73 23 23 20 54 20 20 20 20 20 20 54 20 20 20 20 20 54 20 20 20 20 20 20 54 20 20 20 20 20 54 20 20 20 20 20 54 20 20 20 20 20 20 20 52 20 20 20 20 20 20 20 20 20 20 52 20 20 20 20 20 20 20 20 20 20 20 52 20 20 20 20 20 20 20 20 20 20 20 50 20 20 20 20 20 20 20 20 20 20 20 50 20 20 20 20 20 20 20 20 20 20 20 20 20	ADI World World Bark ADB IMF ADB IMF IMF IMF Bark 22 6.4 World Bark ADB IMF ADB IMF ADB IMF IMF Bark 24 6.5 5.5 9.0 6.3 6.1 7.2 7.3 2.3 2.0 5.6 6.1 7.2 7.3 2.3 2.0 5.6 6.1 7.2 7.3 2.3 2.0 2.0 2.0 2.1 7.2 7.3 2.3 2.0 2.0 2.0 5.0 5.1 7.2 7.3 2.3 2.3 2.0 2.0 5.0 5.1 7.2 7.3 2.3 2.3 2.0 2.0 5.0 5.1 7.2 7.3 2.3 2.3 2.0 2.0 5.0 5.1 7.2 7.3 2.3 2.3 2.0 2.0 5.0 5.1 7.2 7.3 2.3 2.3 2.0 2.0 5.0 5.1 7.2 7.3 2.3 2.3 2.0 2.0 5.0 5.1 7.2 7.3 2.3 2.0 2.0 2.0 5.0 5.1 7.2 7.3 2.3 2.3 2.0 2.0 5.0 5.1 7.2 7.3 2.3 2.3 2.0 2.0 5.0 5.1 7.2 7.3 2.3 2.3 2.0 2.0 5.0 5.0 5.1 7.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2					4		VIII								I		World		World
30 30	X2 64 X2 64 X2 65 X3 65 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 56 55 57 55 56 55 56 55 57 57 58 55 54 55 54 55 54 55 54 55 54 55 54 55 54 55 55 55 56 55 57 55 58 55 59 55 54 55 54 55 54 55 55	5 5 <th>Actual Growth</th> <th>Lower</th> <th>VCIN</th> <th>ADR</th> <th>PIEC</th> <th>World Bank</th> <th>NCV</th> <th>NUM</th> <th>World Bank</th> <th>World Bank</th> <th>ADH</th> <th></th> <th>IMP</th> <th>ADB</th> <th>IMF</th> <th>ž</th> <th>Bank</th> <th>1</th> <th>Bank</th>	Actual Growth	Lower	VCIN	ADR	PIEC	World Bank	NCV	NUM	World Bank	World Bank	ADH		IMP	ADB	IMF	ž	Bank	1	Bank
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35 % % % % % % % % % % % % % % % % % % %	4.4	4. 4.4	1907		6.3	6.0	6.9				:		8.0	6.6	6.	7.2	1.1	1.1		7. 4	
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25 7.5 26 7.4 26 7.4 27 8 26 7.4 27 8 26 7.5 27 8 27 8 28 7.6 27 8 28 7.6 29 7.5 20 7.5	4.4	4.4	-02~-2005	2																	
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45 24 40 77 15 82 85 75 16 75 16 75	4.4	4,4 10	05-2010	0.5				•	_												
40 7.7 3.5 %2 4.8 7.4 3.6 0.6	4,4	4.4 1	010-2015	4.5																	
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48 7.4 3.6 0.6	4.4	4.4 19	020-2025	5															1		- (*
3.6 6.6		e.	062025	4.8								4.4									
	us Sources: I. World Dyvelopment Report 1992. Dyvelopment and the Environment. World Bank 2. Asian Economy 1997. Dept. of Research in Economy 1997. March 1990. 2. Asian Economy 1997. Dept. of Research in Economy 1906. Morel Bank	us Sources' I. World Davelgpment Report 1992, Davelspinent and the Environment. World Bank 2. Asian Economy 1997, Dept. of Research in Economic Planning Agricy-Japin 3. Global Economic Provacis and The Daveloping Countries, 1908, World Rank	00-2010	91	9.6																

"PHECC" means Pacific Economic Cooperation Council.
 "Projection of 2030 for NEDA and JICA was extended by applying the same average growth rate during the period from 1990 to 2025.

Table 4-17 PROJECTION OF GDP FOR ASIA AND THE PHILIPPINES

			0661		2025		2020		Annual Average Growth Kate (%)	c Growth Ka	
Recipient Condition	v Aeency	Case No.	GDP	Share	GDP	Share	400	Share	1990-2030 1990-2025 1960-2030	0-2025 19	0-2030
			Tribions of	3	Trillions of 1990 USS	*	Trillions of 1990 USA	it.			
			W . P	80	27573	100.00	4.67	4.67 100.00	4'5	4.6	2
Avia and Pacific World Bank	VORID Bank			1.1	100 C		0.2401		4.4	9.4 7	6
	Lower Grow	Lower Growth Case-1	1.40.0				U I I U	1.8.1	3.6	4	v
Philippines	(NCV)	C386.2	0.0437		2011/0						¢ e e
	VENA	Carris S	0.0437	5.73	0.3905	10.39	0.5340		6		1 :
			0.0437	11.3	0,4157	8	0.5734	12.2	0.0		4

.

 1) This projection was conducted by the assumption that the share of Philippnes in 1960 would be kept in the future.
 2) This projection was conducted by taking account of the recent economic growth and the long term economic growth of developed countries. This projection results were applied for this study.
 4) The exchange must of Peeo to USS are assumed to be 24,629 peeos in 1990 and 26,210 peeos in 2025 and 2010.
 4) The exchange must of Peeo to USS are assumed to be 24,629 peeos in 1990 and 26,210 peeos in 2025 and 2010.
 4) The exchange must of Peeo to USS are assumed to be 24,639 peeos for all years.
 5) The exchange must of Peeo to USS are assumed to be 24,639 peeos for all years. Notes

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Notes :

	Table 4-18 RESULT OF GDP PROJECTION BY SECTOR (LOWER EC (AT CONSTANT 1985 PRICES)	CONOMIC GROWTH SCENARI
No. Sector Subsector	1985 1986 1987 1986 1989 1990 1991 1992 1993 1994 1906 1996 2000 2005 2010 2015 2020	((Init of GDP - Million Fb- Ammui: Average Grown Karc (%) 1990-1991-1992-1992-1994-1994-1994-1995- 1992-1994-1992-1992-1992-1994-1995-1995-2005-2005-2005-2015-2015-2015-
l Asticulture		The same sing and that may deal uses that that that had been
 Agriculture Industry 		
a. Agreellum		
Crans	ςζοςτι ανζαςτη ηςτάζη ανάλλη εντέμη αξούνο έληγη τεχέρ προύνο ζουζος ανόλα αγούνε ταγίου τορίου πουλη ηγείου χωζια	1494.141 1.251 1.451 1.451 1.25 1.252 1.252 1.251 1.254 1.251 1.251 1.251 1.251
Livestock	والركية الكليك المركبة المركبة المركبة المركبة المركبة المركبة المركبة والركبة المركبة المركبة المركبة والإرباب	540 10 K.W. S.H. 123 10.24 4.W. 4.04 5.20 6.59 4.41 4.05 5.04 3.05 2.07 2.31 3.44
Poultry	4244 AM214 21444 04444 04444 04444 04444 04444 04444 04444 04444 04444 04444 04444 0444	ALAST 1252 567 A.SK 10(67 614) 262 525 11,22 2.84 A.65 2.95 2.95 2.95 3.05
Apricultural activities Reemates	נוסים באוויד מאוויד אין	12.119 4.200 2.03 1.70 4.20 0.74 1.49 3.55 2.44 1.61 1.47 1.18 1.79 0.72 0.18 1.14
Nuth-total	مشرفت الديهن سياية القيمة العرضة وتيهة بهمانا مشرفة المثالة المثيلة التيفير المريدا المريدا تعرضه الالثاب سيصاب وملها	255499 3.25 2.37 2.99 0.04 2.30 3.50 1.71 4.96 4.00 4.50 5.00 5.60 5.60 2.08
h, Fishery	27.000 20-20-00 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20-20-20	36.071 2.61 3.92 3.06 1.17 1.37 3.54 3.98 2.21 4.17 0.92 0.22 0.59 0.38 0.28 0.21
2. Horestry	ለማሪ በኋላ በአስት በአስት ዓይጥ ባለርት ቆጠና ፈዝሴ ዓለም ይለት፤ በአሮን ማብ ውብ ለብ ለብ ለብ	ለደርጉ ብርሰው በአንድርዮች በትርጉሙ የተሰላለት በአንድ አስተለቀለ የአንድ የትርጉሙ በትርጉሙ በትርጉሙ በትርጉሙ በትርጉሙ በትርጉሙ በትርጉሙ
Sub-total	annar annan anarat atan natar anarat ana	2000 272 1.4K 1.27 0.3V 2.17 2.04 0.0K X07 2.21 2.0K 1.21 1.41 0.52 1.27
11 Industry 1, Mining & Quarrying	ንዲግሉን 200001 ሮንዮፓት ጥቅሮንት ዓለምበታ የሮሮነት ለላዲነት የወረንት ትሪዮንት የለምግት ወዲሶካ ባለታችት ለህርጉት የህርጉት ሮፕሮንት የካሮሮ፣ የለላጊት	Dert \$20 150 ACT U22 ዓይያ ቀቀገ 60°E 1845 1459 ዓዋት የረጥ ሐፍሮ የደሪ ስዮተ ለቆጅብ
2, Manufaçturing	ΝΑΛΈνν τηντάνη Αλβάνη πανθάνης σσάγμας ηγρητή ήγριος τρητική Ανθήκη επάλαι επιγκή δράγκη σρηταί τηνθηκή ανθηκή ήγρητη ήγρητη	1,015,126 5.04 2.02 -0.44 4.723 0.75 5.01 6.77 5.50 7.64 6.44 5.04 5.14 4.25 3.51
 Censuruction 	અનુસાર અન્યાદ શાહાર પ્રચાલ કારણા દાયતા સ્વાહ સાંગળ પ્રયુપ્ય વાળાત સાધાર આવ્યા છે. આ ગામ ગામવા કારણા સ્વાહ સામય	447.251 7.59 1.22 4.5.70 2.77 5.74 K.95 6.51 J0.40 10.42 K.60 8.44 7.62 6.44 7.45
4. Electricity, Cas & Water	strand near the transment of the provide the state that the state of the state of the state of the state of the	ાટપ્રક્રાબલ સહ્ય હેલ્લ થડાયે લેવેલ ટેપટ્રાસ્ટ્રેલ્સ સ્ટિલ કેલ્સ કેલ્સ કેલ્સ કેલ્સ કેલ્સ
Syuth-tokaf	omonish marking mension neared monors. There was no victor stands was no way in the alter marking struct constr watch marking metad	LATIQUES 4.97 2.22 (2.67) (1.64) 1.65 5.27 7.24 6.24 K.15 7.66 6.24 S.04 5.04
(i) Service 1. Transportation, Communication	MT LIANG AND	
and Storage	પ્લાન્સ્ટ 2004ડો વડીપેટર દીર્દીત અપેસ્ટ પ્લાન્ડ અરોડ અરોડન વડીસ્ટ રાજ્યના સ્ટાન સ્ટાન સ્ટાપ્સ સ્ટાદ સ્ટાપ્સ સ્ટાદ	292442 5.34 2.47 2.45 3.40 2.54 4.25 5.X1 7.34 0.X4 6.03 6.14 5.37 5.05 4.33 5.74
も物理には、「許	تسميعته الخليفية الاستراك والرعال ماليقا الكالمور متهجلا العربماء فالبعاء فالجليا ومليعا فحرجما فحرجا المرابع المرابع	444(312 5.34 2.42 0.55 1.65 2.46 3.56 5.57 5.45 5.87 5.66 5.17 4.20 4.05 3.26 4.71
A Finance	ારાદા પડ્યા ગામકા દાવસ દાવસ જાણતા જાણતા આવેલ સામય સાર્ગ સામકા સાથદા પ્રદાર કરાયકા સામકા સાથદા સમય સામય	1450999 11.044 2.47 2.345 0.35 2.37 5.47 7.31 13.50 12.64 6.76 6.56 6.46 8.45 3.37 3.27 5.83
4. Ownership of Dwellings	shu	
and keal Estate	አምሪስት በአንድና በላይሉ ባለዚሉ ባለዚሉ እንዲስ አስርት እንዲስ አስርት ለእንገት ቆንደለት የድርጉራ ለቀርባት በአካለት የአንድለ እንዲስቶ እንዲስና ይሰርናሪ	77300 455 1.24 0.24 0.73 1.81 2.92 3.04 4.15 3.11 2.91 2.45 1.65 1.14 0.21 1.44
S. Privale Services	અન્યાદી 195701 ટાંગાંગ પ્રાથમિક આવેલા અનેલાક તિરાક પ્રાથમિક પ્રાથમિક પ્રાથમિક પ્રાથમિક પશ્ચિક વાર્થાયક વસવાક વિવાસ વિવાસ	112,422 4.76 2.36 0.16 10,46 2.89 4.27 4.35 4,49 4.11 7.40 3.42 2.45 1.1 2.45
6. Government Services	ملايعتا الملاييع المارية الملاياة الملامة المايمة يقابله ومايلا فالمراد الملية بالقيمة ولايدة والرية والمراد المليك	1202MI 5.44 2.54 1.44 0.24 5.44 3.07 3.09 3.50 4.50 4.56 4.57 5.39 5.44 4.44
Sup-total	ASPARET ANALITY MONTH - MARING - MALING - MALING - MALING CARSAL MALINE ANALITY COMPARE MARING ANTHAL ALTER ALTER ALTER ALTER ALTER	1.2004499 SAM 2.45 0.15 1.02 2.49 4.23 4.93 6.10 5.92 5.31 4.72 4.15 3.83 3.34 4.54
Telev		

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រុក។ កាយកដាសែន	heis		Unà	1295	2000	2005	2640	2015	2020	2025
Population	· · · · · · · · · · · · · · · · · · ·	14	1.000 person	68.614	76 120	84,214	91,551	99,003	105,503	(1),47
	Per Capita Consumption	[8]	kg year	92.3	91.6	98.5	101.5	103.5	105.1	106
	Utilization									
	Total Consumption(Ton year) {A}x{8}	IC)	1,000ton year	6.327	7,222	8,293	9,320	10,249	11.086	11,83
	Other Utilization									
	a. Export	[D]	1,000 ან კად	0	0	0	0	0	0	
	b. Seeds	{E}	1,000ion/jear	184	265	390	411	475	493	5
	e. Feeds & Waste	(F)	1.000 sa year	443	645	948	67	3,154	F. 198	1.2
(e	d Processing	G	LOOD on year	276	397	583	659	10	731	7
	Total Villization. [C]+[D]+[E]+[F]+[G]	н	1,000ron year	7.235	8,529	10,215	11,491	12.588	13,515	(4,3
	Incon	[1]	\$,0006-n.j.caz	268	355	351	395	434	470	5
	(iDP (Framework)	14	milt pesos year	28,190	10,571	59,655	67,331	72,603	75,395	76.7
	Conversion Eactor of GDP to Production	(K)	kg pesa	0.245	0.245	0.245	0.245	0.245	0.245	03
	Convened Production (Framework)	(L)	1.000ion/year	6,894	9.921	14,589	16,477	17,754	18,437	18.7
	Rario of Production to Consumption (LL) (CIx100		۰4	109.0	137,4	175.9	176.8	173.2	166.3	15
	Ratio of Production to Total Citization (LLHH)/100		c_{i}	95.3	116,3	112.8	143.4	141.0	136.4	13
	Saff-Sufficiency Ratio {[1] (15] {D}+(15) (10)		4	96.3	96,3	97.E	93.7	97.6	97.5	9
	Рег Саріта Солзимерісо	{B}	kg year	15.7	15.8	15.9	15.0	16.0	16,1	,
									/	
	Total Consemption(Ton year) [A]x[B]	i¢1	1.000ion/year	1,078	1,205	1, 227	1.465	1,557	1,700	4.3
	Other Unlianten									
	a. Export	[D]	1,000r.ve. year	206	212	212	225	229	237	
	h. Seeds)E.)	1.000 year	\$4	56	56	59	60	62	
	e. Feeds & Waste	P1	1.000kon/year	2,883	2 973	2,973	3,155	3,199	3,318	3.
a d	d. Processing	IGI	1,000клецькат	551	565	565	602	611	634	,
	Yeral Distitution. [C]+[D]+[6]+[4]+[6]	111	LOOOton year	4,772	5,013	5,146	5,506	5,655	5,950	6.
	haper	14	ECOOLOR year	0.09	6.10	0.11	0,12	0.13	0.14	
	GDP (Framework)	10	mill, peses year	9,837	10,111	10,141	10,762	10,913	0.00	11.
	Conversion Factor of GDP to Production	IKI	kg peso	0.420	0.420	0,420	0,420	0.420	0.420	0. 4
	Converted Production (Frathework)	<u>15.1</u>	1,000ton/year	4,129	4.256	4,257	4,517	4,550	4,750 279.5	20
	Ratio of Production to Consumption [L] [C]v100		4	382.9	353.1	318.5	308.3	265.6	219.5 79.5	
	Ratio of Production to Total Utilization (E.) [1] (100		5 G	\$6.5	\$4.9 105.2	82.7	82.0 105.2	60.6 105.2	105.2	R
	Self-Sufficiency Ratio (RE) (DE) (DE) (DE) (DE) (DE)	17.1		105.2		105.2 9.4	9.9	105.2	10,9	1.
	Per Capita Consumption	B	kgiyear	8.5	5,9	9.4	¥.¥	10.4	10.9	
	Utilization			584	683	792	907	1,028	1,153	Ł
	Teral Consumption(Ton') ear) "[A]5{8] Other STE Ste	ĸ	1,000ton year	.524	073	792	907	10-0	1,137	•
	Other Utilization	101	1.000	3.1	34	м	3,2	3.1	3,5	
	a Export	10) 15)	£.000%uniyear	117	116	A1 1)6	120	 124	- 131	
	b. Seeds c. Feeds & Waste	3E.1 801	1,000ton'year 1,000ton'year	6.317		6.270	6,494	6,715		
ocenut		IF) JGI	1,000rua'year 1,000run'year	4,830		4,8 14		5,193	5,361	
CC (910)	d, Processing Total Usingsion: {C}+{D}+{E}+{F}+}G{	101 [H]	1,000ion'year	11,901	11.911	12.024	12,542	13,060		
	Inibout Envir e anvande fe la testa fe la testa (e la testa)	10 1]	1,000ion'year	0		0.0		0.0		
	GDP (Framework)	191 01	milt pesosiyear	1,380		7,325		7,816		
	Conversion Factor of GDP to Moduction	IKI	-	1.585		1.585		1.585		
	Converted Production (Framework)	(L)	kgipeso 1,000kon/year	11,701						
	Ratio of Production to Consumption. [1] [Ch(100	111		2.004		1.467				
	Ratio of Production to Total Utilization (L) (11):100		ą	93,3						
	Self-Sufficiency Ratio ([L] ([L]]D]+([]))s 100		¢.	100.0						
	ен сарва Соозиприот	(8)	kgiycar	2.6						
	L'illigation	1								
	Total Contemption(Ten year) :[A]x[8]	(C)	(,000ton year	175	196	217	238	258	276	
	Other Utilization	(*)		-12	.,,	-17				
	a. Esport	D]	1,000tua'year	0.004	0.005	0.005	0,005	0.005	s c.coe	5 (
	b. Seeds	10) 10)	1,000ton/year							
	c. Feeds & Wasie	IF)	1,000ton/year							
egaicane	d. Processing	101 101	1,000ton/year	17,385						
-2	Total Urbization. (CI+ID]+1E1+(F)+(G)	isa (H)	-	17,55						
	kom canzaka: folistrastrastatisted Indout	101 101	1,000ton'year	(-		· - ·
	GDP (Framework)	14	mill, pesos'year	3,96						
	Conversion Factor of GDP to Production	14 [K]		4,4,%						
				37.58						
	Concerted Perdersion (Examined)									
	Conserted Production (Framework) Restant Production on Consumption of 110 to 100	14	1.000ton'year (z							
	Converted Production (Francework) Ratio of Production to Consumption (LL] (CJx100 Ratio of Production to Total Utilization (LL](FiJx100	14	्र ्र	10,00 100	9 10,93%	9,96	9.46	9,20	7 9,13	3 1

Table 4-19 FRAMEWORK FOR MAJOR AGRICULTURAL COMMODITIES IN TERMS OF GDP AND PRODUCTION (LOWER ECONOMIC GROWTH SCENARIO) (1)

()

Data Sources : L'Supply and Utilization Accounts of Selected Agricultural Commedities" 1992-1995. Agricultural Accounts and Statistical Indirators Division.
 Bureau of Agricultural Statistics. Department of Agriculture. December 1996.
 2. "Selected Indicators of Food Situation in the Philippines", Bureau of Agricultural Statistics. April 1995.

	ORK FOR MAJOR AGRICULTURAL COMMODITIES IN TERMS OF GDP AND ION (LOWER ECONOMIC GROWTH SCENARIO) (2)	
PRODUCI	ION (LOWER ECONOMIC GROWTH SCENARIO) (2)	

lajor ometodities	\$72511		Ena	1995	.000	2065	2010	2613	2020	2025
Popolari	(P)	1AI	1.000 person	68.614	76,320	\$4,214	91,851	99,603	155,503	111.4
	Per Capita Consumption	i2)	kgyrar	20,4	20.6	<i>v</i>),)	20.4	20.9	0	21
	Utitizarish									
	Total Consumption For year) [A3s]B1	101	LOCOION year	1,403	1.569	1.741	1.968	2.067	2 2 3	2.35
	Other Utilization									
	a. Export	[O]	1,000ton year	1.110	1.06.8	1.073	1,074	1.165	1.258	1.5
	b. Seeds	151	1,000ion year	184	177	178	178	194	209	21
	c. Feeds & Waste	91	1.000ion year	413	434	433	43.1	471	506	5
алыла	d. Processing	[G]	1.000ков укал	276	265	266	267	290	302	3,
	Total Ct-basicon [C]+[D]+[F]+[F]+[G]	[11]	1.000ton/year	2.311	3,511	3.69	3,853	4,157	4,501	4,7
	Import -	111	6000ron year	0	o	0	0	Ð	0	
	GEP dirameworks	13	mill, pevos year	2,962	2.642	2.852	2,866	3.112	3,357	3.4
	Conversion Factor of GDP to Production	iN1	kg poso	1.062	1,062	1.062	1.052	1.062	1 (63	1.0
	Converted Production (Leanework)	1L1	COOK-IT year	3,145	3,025	3,033	3,043	1.304	3,564	3.6
	Ratio of Production to Consumption (L1) [C]x [00		r.	224.)	(92.7	174.6	159.5	159,9	101.0	150
	Rutio of Production to Total L'Ofization, (LE1945-160		٠,	136.1	\$5.2	\$2,3	75.8	78.9	79.2	7
	Self-Sulficiency Ratio ([14]) [U] [D]+[15](100		' 1	154.6	154.6	154.6	154.6	154.5	154.6	15
opulation		IM	1,000 person	65,614	76.320	81.214	91,881	91,005	165,563	10.4
	Per Capita Consumption	(8)	kgiyear	17.2	(9.0	¥9,8	23.5	24.1	25,6	27
	Critization							2	2	
	Total Consumption Foury (AJs(B)	KI	1.000 mm year	3,542	1,451	1,751	2.063	2,399	2,202	3.0
	Other Collization	• • •						- 1.79 F	····	
	a Expert	(D)	1,000ton/year	0	9	0	0	0	ð	
	b. Feeds & Wasie	11 I	1,000kon year	õ	0	ő	ő	o	o	
	c. Processing	114	1.900ion year	27	35	47	62	55	113	,
nestock	Total Unitation, (C)+(D)+(E1+(1))	4G‡	1.000 ton year	(303	1.487	1,758	2.130	2,474	2.821	K.
	Import	(B)	1,000ion/year	45,5	55.4	66,8	78,9	91.2	103.1	
	GDP (Framework)	(8)	nali peses year	19,839	26,131	31,916	46,496	63,316	58,153	
	Conversion Factor of COP to Production	E E	kg peso	0,061	0.061	0.061	0.061	0.061		
	Converted Production (Framework)	124 [K]	F (XXX) E (XXX) on year	1,211	1.598	2,334	2,838		0,061	20
	Ratio of Production to Consumption -[K]]Ch 109	(3-1	e construction of the second	302.4	110.1	121.7	147.3	3,864	5,380	22
	Ratio of Production to Total Utilization (K) (G)(100		• •	101.4	107.5	115.5		161.7	199.1	25
	Self-Sufficiency Ratio (JK) (K) (D)+(H))×(00		4	96,4	96,5	97,0	133.2 97.3	156.2 97.7	190.7 98.1	23
	Per Capita Consumption	(3)	kgiyeur	7.9	8,5	9.2	9.8	10.5		ç I
	Utilization	(2)	ME-)CJ4	1.7		9.4	¥.5	10.5	11.2	
	Total Consumption(Ton year) (Ab(B)	{C}	1000 mail and	544	652	₹71				
	Other Utilization	(C.)	£000ton/year	214	0.02	~	202	1,043	1,190	I,
	a. Export	1PR		0						
	a, a apore b. Egg Harrbed		1.000ton'sear	0	0	0	9	0	0	
outiny		[E]	1,000ton/year	14	15	24	31	41	56	
(Alloy	e. Processing	(F)	1,000ion'sear	5	6	8	0	45	30	
	Total Utilization. [C]+[D]+[U]+[F]	(G)	1,000tan/year 1,000tan/year	563	676	\$03	944	1,043	1.267	Ŀ
	Import CDR De anna D	[H]	1.00Mon'year	0.5	0.7	0.8	0.9	1.0	15	
	GDP (Framework)	11	mill, pesos'y car	16.056	20,791	27.209	35,554	47,508	64,933	87.
	Conversion Factor of GDP to Production	tJ1	15.00	0.035	0.036	0.036	0.036	0.036	0.036	Ð.
	Converted Production (Framework)	181	1,000 tangear	585	758	992	1,296	1,712	2.566	3
	Ratio of Production to Consumption . [K] (Ch100		*	107.6	116.2	128.6	143.7	166.2	198.8	5.
	Ratio of Production to Total Utilization (RELIGERIO)		4	104.0	112.0	123,5	137,4	157.7	156.5	2.
	Self-Sufficiency Ratio: ([K] ([K] [D]+[14])), (0)		N	99,9	90.0	99.9	99,9	99,9	99.9	к
	Per Capita Consumption	[8]	kgiyear	23.1	23.2	23,3	2.3.4	23.6	23.7	:
	Utilization									
	Total Consumption(Ton'y car): [A]x[8]	(C)	1.000son/year	1,584	1301	1,964	2,153	2,332	2,498	2
	Other Utilization									
	a. Export	[0]	1,000ton year	172	167	175	1\$5	193	195	
	b. Feeds & Waste	111	1,000ton'year	124	120	128	134	138	140	
	c. Processing	F\$	1.000 an 'year	6,123	1.685	1,152	1,214	1,258	1,273	١.
shiry	Total Unitization: {C[+[D]+[E]+[F]	1G)	1,000son/year	3.004	3,143	3,433	3,687	3,922	4,106	4
	Import)BJ	1.000aaa/year	262	253	271	283	391	297	
	GDP (Framework)	10	mill, pesos'year	33,853	32.730	33,026	38,599	37,915	38,366	42.
	Conversion Factor of GDP to Production	р1	kgipeso	0.137	0.137	9.137	0.137	0.137	0.137	0
	Conserted Production (Framework)	jKj	1.000ton'year	4.634	4,477	4,791	5,065	5,187	5.243	
	Ratio of Production to Consumption .[K].[C]N100		Ģ	292.3	252.8	243.9	232.5	222.4	210.1	2
	Ratio of Production to Consumption .[K] [C]v100 Ratio of Production to Total Citization :[K] [C]v100		द स	292.3 154.2	252,8 142,4	243.9 139.6	232.5 135.7	222.4 132.2	210.1 127.8	

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Data Sources: 1. "Supply and Utilization Accounts of Selected Agricultural Connucdities" 1992-1995. Agricultural Accounts and Statistical Indicators Division Bureau of Agricultural Statistics, Department of Agriculture, December 1996.
 2. "Selected Indicators of Food Situation in the Philippines", Bureau of Agricultural Statistics, April 1995.

												Annual Average Growth Rate	row th Kale			
		-						~~~~	3000			-J	(B)			
	Krgion	5(6)1	9061	2000	2005	2010	¢107	0707	- 	(1005-1006)	(1996-2000)	(2000-2005)	(20052010)	(2010-2015)	(2015-2020)	(202 (199 0-20 5~20 25 ~25
										30. A		11.3	515	37.5	S.r.	1
		101 021	244 640	126.543	11.74	554,130	640,040	810,015	NY 266	10.0				3. 5	202	
	CONTRACT OF CONTRACT			0	10.068	27 667	46 NG4	56,863	67,343	(S)	6.10	2.6	10.2	fi		
	Cardiliera	16.762	1.079		004-2			C Y 1 NC	204 -0	8 1 8	-	367	4.52	7.7		
	Horos	120,45	26,004	72.057	2.1.7		24.140	10,105	A7 74			2.4	250	5.75	10.5	¥.
	Contract Market	14 AV5	00V 11	035.750	30.000	37.655	ONS ST	56.415	10/100	GK.,1			04	1.16	102	59.5
	Capital Annual Capitale A				136 143	125 401	SNI EIC	759 725	106.992	5.03		2	シア・オ	2		
	Central Luzon	78, 48,	17. 77 X	0.77 VO					1 25 35 4	042		6.0	5 S S	8.3	44	
	Court Theology	126.303	132,107	171,137	126,022	101.422	0.0145	4/0/1/4	1.00			Q7 1	100	164	3.28	1, 2,85
		0-3 C+	010.10	20.070	14 051	43,851	5.47	61,601	516,02						04.6	
	[3:co]	V-1-1-2				1 2 1 2 1	117 211	2.2	120120	2.39		4,72	4.2	2.12		•
	West Visayas	N. 227	29,018	012	1001177				0.0444	5.5.0		2 Y	5.59	8%	4	6
	Control Viscovas	52.680	57.167	72,627	97,810	202,851	NTX 101	.n. /#/	0101010				0- 9	X, Y	510	0.4.47
		C . Q		1 2 2 2	26.671	25/207	65.8N4	227 12	105.136	8.09		0.7.0	1770 1	2		
	Fast Visayas	1. 1.	144.07			2010 22	47.410	10.01	05X X40	3.57		3.56	61° E	3.18	¥.7	-
	West Mindanao	21.599	22.170	11.1	- N. N.		t					5 A.	5.01	4.60	4.14	9
	Nearly Mindanan	41.758	11	0550	72.201	92. INS	017.01	41.14				4 J F	0.1	1 80	3,45	0
		0000	55 040	K7 K11	277.72	103.542	124,872	076,17	17: 873	0; · ·					20.0	
	South Mindanao	S a t					AUC 311	54 7 1 K	A. 71 A	У.X X		5 ⁷	0.8.1			
	Central Mindanao	12.052	23,895	125.11	5.1	502° 17	07.1.04					5 8.1	5°	24.5	S.07	8 7 7
ARMM	Autonomous Region of	7.965	8.579	11,547	15.318	20.02	26,163	11.4.19	41./87			1.000				
	Muslim Mindango													040	707	200 150 27
		0.4 500	290 1.7.5	V27 767 1 069 649	107 OKK	1 784,227	2,223,471	2 705 102	3, 212,920	54.5	00.4	No.C	AMA.			

Table 4-21 RESULT OF PROJECTION FOR GRDP BY REGION IN LOW ECONOMIC GROWTH SCENARIO (AT CONSTANT 1985 PRICES)

										Annual Av	Annual Average Growth Rate	ŗ				
	Region	\$66!	2000	2005	2010	2015	2020	2025	(1996-2000)	(2000-2006)	(2005-2010)	(2010-201	(2015-202	(2020-2025)		(1045-2025)
		5.0 AUG	011	110.01	16 102	\$4815	<u>140</u>		54.5		18.1	3.52	•	N26	2.93	2
	Mettro Manua	25.249	014.14			210°M1			1 66				• •	61	2.31	20.62
~	Cardillera	13.340	16.015	18,973	121137	20.028	0.0.02		8.		•			XX	2.59	62.6
		6.316	7.984	9,406	10.952	12,729	14,669	16.668	6.0.3					007		10.2
- 1		0.07	012.0	0 7.0%	044 11	14.082	6,0,51	1,08.7	6,34	. ,				50		
~	Сарауан Уайку	0,000	711-0	CITE I I			021.30	077 95	4.45					£	2.54	•
Ŷ	Central Luzon	8 7 7	3 456	16.041	N N N				i i	•	•			6	1.83	~4
ĺ	Southtern Tagaloe	12.704	15 43	17,952	20,865	23,694	26.406								8	Ĩ
		5 417	N I V	6.980	7.586	8,856	0,887	10.912	1677	-				1	20.0	
-					10.1.21	123.0	10.140	21 ANN	(1) (1)						6.VD	•
-	Western Visayas	670.01	10.11			7			2 40					1.0	8	0
~	Central Viscovics	10.507	11) 11) 11)	16,118	19.552	9	10-17	308,12		-				53	3.24	4
		196 3	2.010	K 873	S00 01	134.1	16,10%	14,8349	2.10	•	-	-		;;		
-	Lastern visayas	0.000				520	22 2 2	11 630	143	1.28	95,1 8				3	-
	Western Mindanao	7.728	8,179	8.718	2.000	100101					•			61	2.70	2277
	Voebers Mindonao	10.561	2,461	14.570	6.×68	19,392	6.0.12	24,719	1	i i	•			1		
		2 2 2	072.11	13 043	23.433	16.034	17,667	19,259	-i		-	•		R		
	Southtern Mindanao	700'01					14 0.07	16, 200	101		1.85		.86	5.	10.1	
Ĵ	Central Mindanao	0.144	0.519	1.00	1077	179.01	100101	10.10								
	Autonomous Region of	1 041	1552	6.358	7.696	1010	11,406	13,665	7.35	3.97	7 3.89	-	÷.07	8		i
N NYNN	Muslim Mindanao									VV I	2.10		2 44	2.44	2.37	
ľ				1 6 6 6 60		227 66			7							

Data Source : The figures as of 1995 and 1996 were referred from Philippine Statistical Yearbook, 1997, NSCB

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io. V 1 lion	Water Resources	Priver Basin														
i lioi	Region	Payte script	1995	2000	2005	2010	2015	2020	2025	1995- 2000	2000			2015- 2020		
-			3,620	4,809	6,173	7,744	9.558	11,590	13,804	5.84	5.12	4.64	4.30		3.56	
		Laoag	2,164	2,952	3,663	4,456	5.392	6,450	7,590	6.40	4.41	4.00	3.89		3.30	
		Sub iotal	5,784	7,761	9,836	12,200	14.950	18.040	21,394	6.05	4.85	1.40	4.15			
		Objet Area	13,250	18,064	23,188	29,108	35,919	43,467	51.584		5.12					
		Total	19,034	25,825	33,024	41,308	50.869	61,507	72,978		5.04	4.65	4 29		3.43	
n c.	igayan Valley	Cagayan	15.464	21,754	28,253	36.033	45,708					4.58	4.25			
	igayan vancy			2,313	2,983	3,000		57.339	70,967	7.06	5.37	4.99	4.87			
		Abidug Sub-total	1,722	24,067			4,737	5,865	7,169		5.23	4,82	4.63			
		Other Area	4,194	5,691	31,258	39,810	50,444	63,208	78,135		5.35	4.97	4.85		4.33	
					7.368	9333	11.759	14,594	17.854		530	4.89	4.69		4.11	
		Total	21,381	29.758	38,606	49,162	62.254	77,802	95,589		5.34	4.95	4.82		4.29	
0 U.C.	entrat Lazon	Pampanga	54,161	72,388	95,319	122,138	152.032	183,530	215,114		5.66	5.08	4,48			
		Agna	17,419	23,366	30,349	38,550	47.934	58,402	69,568		5.37	4.90	4,49		3.56	
		Sub-total	71,581	\$5,753	125,668	160,6\$5	200.017	241,932	284,68)			5.04	4,49			
		Other Area	26,673	34,621	44,325	55,546	68,371	82,352	96,940			4.62	4,24	,		
		Total	98.254	130.375	169,993	216.234	268,388	324,284	381,621			4.93	4,42			
V So	outhern Tagalog	Pasig Laguna Boy	284,459	389,722	518,236	668,769	835_585	1.014.365	1,196,432			5.23	4,55			
		Annay Patrick	2,860	3,4(3	4,145	4.925	5,798	6,725	7,641			3.51	3.92	3.61	2.59	3
		Sub-total	287,318	393,135	522,381	673,693	841,382		1,204,073			5.22	4.55	3.95	3.35	4
		Other Area	76.092	100,969	133,984	173,913	220,845	273 266	329,797	5.82	5.82	\$ 36	4.59	4.35	3.83	5
		Tetal	353,410	494,103	656,364	847,607	1,062,230	1,294,296	1,533,870	6.34	5.84	5.25	4.62	4.03	3.45	i 4
V B)	ical	Birtist	6,395	7,911	9,846	11,915	14,122	16,372	15,487	4,43	4,39	3.59	3,45	3.00	2.46	> 3
		Other Area	17,125	21,119	26,055	31,418	37,129	42,927	48,348	4 28	4.29	3.81	3.40	2 9 4	2,41	3
		Total	23.520	29,063	35,901	43,3-6	51 251	59,299	66.835	4,32	4.32	3.84	3.41	2.96	2,42	: 3
U W	estem Visaya	Panay	5,478	6,711	8.300	10,009	11,839	13,701	15,434	4,14	4.34	3.82	3,41	2.96	2,4?	3
		Bog-Hilabangan	7,079	8.943	11,279	13,860	16,641	19,534	22,329	4.79	4,75	4 21	3.72	3.26	2.71	3
		Jalour	5.828	7,407	9.373	11.547	13,880	(6,30)	18,629	4.91	4.82	4.25	3.75	3.27	2.71	3
		Sub-total	18,385	23,060	28,952	35,416	42,360	49,536	56,402	4,64	4.66	4.1 1	3.65	3.15	2 63	4 3
		Other Area	45,214	57,110	72,105	88,768	106,872	125,870	141,475	4.78	4.77	4 2 5	3.78	3,33	2.80	3
		Tetal	63,399	50,171	301.058	124,184	1 49 2 32	175,407	200,877	4.74	4,14	4.21	3.74	3.28	2.75	8 3
vili Ga	eatral Visayas		47.307	65,612	89.300	118.082	152,303	391,621	235,270	6.76	6.31	5.79	5 22	4.70	4,35	÷ :
illi Ea	asic in Visayas		19,373	26,500	31,408	51,971	71,023	94,936	124,561	6.47	7.14	6.80	6.45	5,99	5.58	\$ (
1X So	outhwestern Minda	inao	27,508	33,946	41,409	49,929	59,673	70,545	82,392	4,30	4.05	3,81	3.63	3,40	3.15	\$ 3
X N	ionbern Mandanao	Aguasan	10.922	13.585	\$5.823	20,469	2+653	29,220	33,971	4.46	4.37	4.00	1.79	3.46	3.06	5 3
		Tageloin	3,562	4,714	6,163	7,908	9,975	12,319	14,885	5.76	5.51	5.81	4,75	4.31	3.8	5 4
		Cagayan De Oro	3,408	4,508	5.500	7,553	9,515	11,741	E4,177	5,76	5.49	5.09	4.73	4.29	3.84	4 4
		Sub-total	17.892	22 507	28,876	35,927	44,143	\$3,280	63,033	4.97	4.83	4.47	4.20	3.83	3.42	2 4
		Other Asea	17,567	24.204	31,729	43,297	55,931	10,447	\$5,615	6.63	6.22	5.76	5.25	4,72	4 22	2 5
		Total	35,459	47,012	61.605	79,225	100,074	123,727	149,643	5.80	5.56	5.16	4,75	4,33	3.85	34
XI Sa	outheastern Mindu	o Togun-Libuganen	4,602	5,465	6.355	7,720	8,962	10,232	11,439	3.50						
		Buayan-Malangon	2,745	3,400	4.212	5,114	5,089	7,103	8.091							
		Davao	6.803	8.883	11.423	14,329	17,508	20,559	24,203							
		Sub-เวเส	14,150	17.747	22,190	27,163	32.559	38,194	43,736							
		Other Area	36,331	45,191	\$7.928	11.354	86,464	102.965	120.540							
		Total	50,481	63,941	50,118	98.517	119,023	141,155	164,276							
XH C	outhem Mindanao		25,721	32,453	39,718	47,819	56,844	66,515	76.622							
	erentered (stillsbargs)															
		Agus Sa ba Istal	3,975	5,397	6.878	8.559 56 409	10.517	12,615	14,598							
		Sab-Iotal Orber Leve	29,695	37.850	46.596	56,468	67,361	79,131	93,521							
		Other Area Total	4,435 34,130	5,494 43,344	5,807 53,403	8,261 64.672	9,840 77,201	99,610	13,091							

Table 4-23 RESULT OF PROJECTION FOR GVA IN ALL SECTORS BY WATER RESOURCE REGION AND RIVER BASIN (LOWER ECONOMIC GROWTH SCENARIO) (AT CONSTANT 1985 PRICES)



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Table 4-24

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				10 1	mestic						Cont	Commercial			Du 1	Industrial			LING 1 OUTIN		
Year	Pop. under MWSS	Volume Sold (mld)	Ţ	Pop. with Lped House Lped Connec. (v 1.000)	25	Pop. with Public Faucets (x 1.000)	×2	p. with Pop. with Volum "ublic 7, Water 7, Sold aucets (x 1,000) (mld)	يج	Volume Sold (mld)	Lpcd	Pop. Served (x 1.000)	ತ್	volume Sold (blm)	Lpcd	Pop. Scrved (x 1.000)	ئ	Volume Sold (mld)	Pop. Served (x 1.000)	8	Lpcd
1985	7.968	503	136	3,050	æ.	460	v	3.510	4	287	98 98	218	117,	4	S	01	0.2	188	3,738	5	171
986	8.223	536	150	3.580		470	Ŷ	4,050	49	276	34	215	۳.	¥	ŝ	10	0.2	851	4,275	52	189
1987	8,491	599	151	3.970	48	500	Ŷ	4,470	54	279	ŝË	214	(* .	45	v.	10	0.2	922	4,694	56	189
1988	8.774	619	150	4,160	47	550	9	4,710	¥.	309	5	269	٣,	57	Ŷ		0.4	985	5.009	S	16i
1989	9.070	646	147	4,450	49	600	5	5,050	Ş.	314	35	336	4	69	x	50	0.5	1,050	5,436	8	8
0661	9,383	671	138	4,850	55	650	5	5,500	65	312	55	877S	4	69	x	50	0.5	1.052	5.898	6	179
1661	9,616	694		5.170	54	680	5	5,850	3	296	e ,	360	থ	69	1-	50	0.5	1.059	6.260	65	172
1992		701	1,4	5.470	56	7:0	7	6.180	63	281	28	372	4	63	5	50	0.0	670,1	6.602	6	169
595		157	126	5.780	57	740	٢	6.520	65	290	29	378	4	67	5	60	0.6	1,088	6.958	69	162
1994	10,350	770	127	6,050	\$	800	30	6.850	99	306	29	388	4	12	4	60	0.6	1.148	7,298	1	163
1995	11.426	800	127	6,270	55	830	٢	7,100	62	38	26	262	с г ,	69	9	60	0.6	1.169	7,553	8	159
1996	11.906	811	126	6,460	54	840	٢	7.300	61	310	26	399	e r ,	73	6	70	0.6	1.194	7.769	\$	158

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Data Source: MWSS

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	e e		T = 1	Cub tool	Darran M barreer	Non Revenued	Tate
Year	Lomestic	Commercial	Industrial	Sub-total	Revenued water	Water	I CUL
566	127	26	\$	159	44%	56%	361
2000	148	30	7	185	50%	50%	370
205	161	32	\$0	201	55%	45%	366
010	173	35	6	217	60%	40%	362
015	186	37	0	232	65%	35%	357
020	196	39	10	245	70%	30%	350
125	206	4	10	258	70%	30%	368

Table 4-25 UNIT WATER CONSUMPTION (MWSS)

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Data Source: MWSS (For the year of 1995), Study on Water Supply and Sewerage Master Plan of Metro Manila in the Republic of the Philippines (for the year of 2000-2015) Note: Unit water consumptions for 2020-2020 were projected on the basis of trend described in the Master Plan. Non-Revenued water ratio was modified referring to the present condition.

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6 UNIT WATER CONSUMPTION FOR WAT	
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		000	566	2000	5007	2010	2012	~~~~	
		155	165	175	184	193	203	214	224
	Donkestic use	<u>6</u>	3	25	11	30	4	43	A4 24
	Commercial/Industrial/Institutional		1 5. 5	5 5	2	CEC	546	255	269
	Accounted-for-water	188	461	512	177	4 (1	1 2	1	53
	L'naccounted-for-water	73	86	8	86		60	3	5
	Txw.1	261	297	<u>8</u>	307	310	212	22	
	Total	135	143	150	158	166	174	83	192
		2 C	5	02	32	33	4 4	æ	82
,	Commercial/Industriaginstitutional	i š		081	190	661	208	219	230
N	Accounted-tor-water	ŝ	22	523 L'L	4	66	59	53	3 8
	Unaccounted-for-water		254	257	263	265	267	274	285
	1001	120	128	135	142	149	157	165	52.1
	Domestic use	07:	52	24	27	29	Е	33	35
c		051	i 2	65	169	178	188	861	208
÷.	Accounted-tor-water	22	74	3	39	59	53	\$ 4	52
	Unaccounted-tor-water	103	225	227	235	237	241	247	260
	10131	01	81-	125	121	138	145	153	99
	Domestic use	<u>s</u>	2	20	23	26	29	5	2
		30 1	951	145	154	164	174	184	92
7	Accounted-tor-water	67 07	67	62	99	55	6 1	\$	8 4
		174	203	207	214	219	223	229	240
	1 Otal	201	105	011	116	122	128	134	14
	Domestic use		51	5	20	22	24	26	x x
ţ				127	136	144	152	8	169
n.	Accounted-tor-water		97 97	75	5	¥	64 43	4	5 4
	Unaccounted-for-water	;				101	104	200	112
	Total	157	6/1	181	001	161		2	
	Note: Annual rate of increase of unit water consumption of domestic use: 1.5% in 2000, 1% in 2000-2010 (Lwua Design Criteria)	ater consumpti	on of domest	ic use: 1.5% i	n 2000, 1% i	n 2000-2010 (Lwua Design	Crireria)	
		0661	\$661	2000	2005	2010	2015	2020	2025
	NRW Rate (%)	9	53	30	28	25	22	20	Ř

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	hural 1,816	151	275	3 S	2555 2550 38	44	3 T	94% 47	1271 1225	716V	9 7 II 9 7 II	3,444 885	8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	14 712 ×	8. ž	26 172,8	8 E E	2 S S	H(0,4	\$ £	3,734 919	1687) 55	356 356		ងខ្ល		325°C	\$ 5117	8 🕅	2,540	ž R ž	2 2 2 3 3 3	021.X 041	2 1 9 X 2	90% 41	75 56 56 56 56 56 56 56 56 56 56 56 56 56	3 K	12 2 1	i i s	2.071 954	2.6%	5 ° 5	515 515	2,501 950 44	2475 2475	21 - 22 - 22 - 22	18 H	3.818.8 9369 542	99 S	3.7K	556 55 756	956 57 54 135	1.000 1.000 1.000	516 218 218	41.941 959 735	•
2025	imun V 1,724	275) 1750	6-1	*0	290 - 2956 -	5071	\$26 \$6	· * '	1,111 92%	9% 8% 6	575 575 575 575 575 575 575 575 575 575	· 30	3676 -	808 24 1 1 2	88	2,870 ,	36 · 30	004.75 004.75	98.7 2	545	· vo	2,234	945 188	5,146 4,898 050	4	÷0	4,NSR 95%	422 846	4.698	99 97		666 666 70 70 70 70	10 10 10	<u>.</u>	50 50	100.5	3,002 3,000	950 746	` Š '	3.000 0.400 0.400	198 198	š. S	0	986°C 986°C	1677 1677	200	6	16/2 28/2	4.778	, 110	50 50	950 410 67 415	63.811 935 7.554	50	63,811 959 8.554	5
	Tetal 3.545	1997 1997	44	141	5,367 929	(199) (199) (199)	3 S	រុទ្ធ័ធ	4,3X2 94%	13,808	105.0 892	3,444 2,9%	500%) 13,00%	570 570	10.164	2.905	ភ្នំក្នុ	959 959	6.464 2.064		585 585	8. 121,8	955 951	5,148 5,148	444	2074 2041	8 5 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	164	4.795	2.460	1975 - 1975 -		5.542 2.440	16) 16) 17)	412	5.05 999 995	0.042 1.697	6 6 4 9	1 § 2	5,740 959	6,775 6,775 4,035	5 9 X	1997 1997	6.4.6 050	\$205	200 F) <u>8</u> 9	00.0 959 452	<u>8.777</u> 4.557	(- - - - - - - - - - -	1955 255 255	955- 467 1 421	65.47 59 6.701	10, 0 1, 20, 0 2, 20, 0, 0 2, 20, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	105,754 427,801 9350 7350	() ()
	lund 1,x19	161		្តរុន្ត	044	a service	<u>3</u> *	2000 226	3,126	47	e z s	A.518 88%	50 3,795	40K	265 265	26	<u>، ۶</u>	594 242 242	305 1	2 k 2	506 206	51 3.798	\$54 67	3.736 260	ង តខ្ល	KNS KNS		5.X 2	83	2,572	929 72	1.071 0500 45	3,182 (49	52 F	80 ⁴	29 S. 9	377 377 13	3.0	62 526	2126	8 77 8	ξo.	8475 8475	1677 1677	802 728	3 9 9 0 	200 200 200 200 200 200 200 200 200 200	301.1 220 02	940. 81	04 	556 556	326 25	20 20 20 20	002 60 002 60	41.00K	K)/
2020	Jitan 1,571		9 <u>0</u>	<u>.</u> § 11	1, A87 1, A87 1, A87		161 S	2 Š 1	110,1	62.0	7.675 8.74 60.7	¥ Š	12 8,517	705 705	20.627 20.627	15	ž 9	876 876	5.200	83.5 149	210 10%	2.027	92% 152	4,741 3,890	<u>Ş</u> a (8 8 F	4.410 0.15	1997 1997	142	67 6 4	18	1414 1419 1419 1419 1419	2:037	8 7 8 2 7 8	8	2012 2012 2012	027	цў Я.	5 2 4 7	3,2,16	I I I I I I I I I I I I I I I I I I I	828 56	025	215V 215V	522 522	268 291	9 ý M	2,419 95%	4.295 7.495	8 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	129 1 1005	216	2001.02 2001.02 2002	10 4,471 27 27 27 27 27	5 N N N	5.470
	Terat		¢ 2 :	36 6 7	3,196 94%	64 14 14 14 14	17 S	10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	4,1,37	115	7.952 609 717	4,360	62 12,312	å å F	20802	2,538 8,211	27% 119		90.07 90[*9	201 202 202	3,812 62%	2000	94% 219	x,478 a,150	\$ X	45%	54 7.959 040	191 191	SER.	1.074 1.074	\$ 7 7	6.913 94% 484	5,21X 1,524	200 200 200	202 24	4,017 9,46 9,46	5.7 IX 2.025	28	41%	2.762	51 1973 1973	art.	201 214 214	268 242	5895 7587	\$ <u>2</u> }	545 545 46	5,587 959 970	440.8 440.8 418.8	32 2 2 2 2	3 9 F	10.50	00~201 S18/S2 S02	43,730 41,4 41,4 41,4 41,4	19 19 19 19 19 19 19 19 19 19 19 19 19 1	6.185
	Kural	6	2 I I I	21 496,8 21	9365 9365	35.201	4 X ~	2,8%1 90%	2.929 92%	4.0%4	ត្តនិភ	3.541 87%	40 3,×1,×	8 2 2	5 59 19	2015	\$00 60	7,27%	42874 A874	ēşz	3 2.5° X94	3650	94% 61	3.737 260	28	3 2.50 87%	45 7,516 2,45	3	8 2	1987 1198 1198	\$ 2 5	2,702 945 8	3.054 140	š s š	2071-7 2028 2028	987 986 986	5.775 5.775	資金の	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2,210	10r 1	45 10	2.219 89%	10,25	9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	888 888 888 888 888 888 888 888 888 88	140,1 140,1 20,0	¥88 2014	30 - <u>1</u> 20	5 S S		42.41 1.760 410	148 17,811 89%	125.00	710
2015	tkn 400	1.067	20 E	517 17	1,286	1,057	8 % ¥	207	ко. Хуж	17. X X X X	819 817 817	567 105	19	5 20 20	20.542 15.439	2.304	ž :	19.544 94%	2.015	2014	99 99	5 YE	X6X	4.116 2.986	142	212	2 288 2 288 2000	8 8 8 8	2 9 6 9 8 1 9 9 8	ų ž	21 21 21	89. 89. 50 5	1,820	š≊ř	0 8 V. 5 7	300 200	2.915	2	a 2 4	2.617	210	745 203	19 19	3,04K	210	845	5 s "	2,216	3,740	88 6 6 7 7 8 7 7 8 7 7 8 7 7 8 7 8 7 8 7	2 ²	8 8 F	800.00 081.44 087.	24.50% 24.51 24.51	101 21,672 21,6	4,611
	Tool 1	1,258	561 16	417.1 2002 2002	2.92	4.256	<u>8</u> ž⊽	73%	4. 7.828 909	705 T I	5115 2015 2018	976 P	89 11 - 262	83 83	15,704	2.330	286	26,822	5,389	59 5 59 5 59 5	181		80 H	8.053	29 79 79	4,155 52%	¥ 99'		2.937	355	<u>5</u> 25 34	797.9 726 729	4,874	្ត័ន៍	2.9 2.9 2.5	4.507	141 051.25	43.5	2.5H9 48%	4, SH7 919	276) 1989	412	2.752	5.419 214 214	251 2.542 2.072	7.4	7×0.4 202	6.161 250 250	7.640 7.640 2.553	215	S. 3	950 276	99,94 45,949 46,94	4050 45,254 40,254 40,00	8 2 8 5 5 7 8 5	
	Runi	101	≛≏	1.423 505 50	\$10.1 \$19	3.036	4 X *	2.60% X 5%	1051 2001 2005	5 4	5 X X	1 8 šš	3911	*****	4774	8 X E	N24	4.1.37 87%	112.6	<u>8</u> 822	911. 911.	45	10 A 10	N712 260	20	3,166 859	3.426	धू उ इ	88 1	13	568 7	2.068	2 899	\$ <u>0</u>	4955 2988 2988 2988	2,692	19 55 25 55 25 55	82 Q	2111 202	e la se	2,470	5.0	2151 272	1261	7.970 2.970	1	2,627 88.5 2,627	8173 218	91 <u>8</u> 819 8	3 - 3 7	516 516	5/85 5/85	1.750 1.750	41 25 26 26 26 26 26 26 26 26 26 26 26 26 26	4.6 35,090 915	582
 <th>Untan</th><th>7 T</th><th>980 98</th><th>ត្រុំ</th><th>1.0%4 27%</th><th>83</th><th>5 <u>5</u> 8</th><th>276 29%</th><th>4 778 816</th><th>7004</th><th>4.748 62% 100</th><th>e g é</th><th>1.15</th><th>\$ Q</th><th>21.605 16,968</th><th>2,075</th><th>\$ 8</th><th>18.947 88%</th><th>2 101</th><th>1,075 595</th><th>9 (</th><th>5 F</th><th>810.1 968 98</th><th>2.171</th><th>26% 170</th><th>101°1</th><th>3,271</th><th>\$ 21 \$</th><th>2.050</th><th>88</th><th>202</th><th>2002</th><th>198 198</th><th>50 50</th><th>55 5 57 5 57 5 57 5 5</th><th>. 1.362 </th><th>2.458</th><th>65% 145</th><th>205 205</th><th>2.115</th><th>1996 1996 1</th><th>64%</th><th>5 013</th><th>2,524</th><th>2(1)2</th><th>211 211</th><th>182 S</th><th>2019 101</th><th>N125</th><th>ž ž į</th><th>2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</th><th>4 2.702 4 855 4 151</th><th>0 55.220 9 36,179 4 688</th><th>2. 3.675 7. 9.748 1.80</th><th>5 128 5 45,896 5 86%</th><th>1,802</th>	Untan	7 T	980 98	ត្រុំ	1.0%4 27%	83	5 <u>5</u> 8	276 29%	4 778 816	7004	4.748 62% 100	e g é	1.15	\$ Q	21.605 16,968	2,075	\$ 8	18.947 88%	2 101	1,075 595	9 (5 F	810.1 968 98	2.171	26% 170	101°1	3,271	\$ 21 \$	2.050	88	202	2002	198 198	50 50	55 5 57 5 57 5 57 5 5	. 1.362 	2.458	65% 145	205 205	2.115	1996 1996 1	64%	5 013	2,524	2(1)2	211 211	182 S	2019 101	N125	ž ž į	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 2.702 4 855 4 151	0 55.220 9 36,179 4 688	2. 3.675 7. 9.748 1.80	5 128 5 45,896 5 86%	1,802
	Total	1.004	<u>ş</u> 8	1.694 562 1	2,699	26 Nov	88 88 8	2.885 72%	N. 4. 4.44 252	44 11,856	99 99 99 99 99 99 99 99 99 99 99 99 99	2 K 3	60 00 10:01	87.8 491	26,339	2,101	22	23.0K4 985	212	521 272 272	3.678		992 992 94	7.561	921 921	4 26 262	56 6.698	5 5 5 7	2.145	272	550 47	65/25 7588	4,502	2.1%	865	000	108	2801 245 031	2.671 545	55.4 7.52	281 5,440 2,440	542 542	2.764	280 880 880	190 5,142 741	530 530	2002	516 87	000 0000 0002	233		6.175 885 199	90'42 90'42	3,8,18 43,047 477	505 186.08 188	4.38
	Kural	191	\$11 11	1,293	510× 1,484 1,	29 2,840	3 <u>2</u> ~	2,234 X0%	* 65 7	2.20 2.20 2.20	28	611.5 2005	141 1695	жку 60	4,580	38 S	199 <u>1</u>	N.747 82%	285	<u>55</u> 55	2,942	ž R I	202 202 202	50 20 20 20 20 20 20 20 20 20 20 20 20 20	š ×	2,988 829	37 3,248	ş 8	58 88 88	11 11 11 11 11 11 11 11 11 11 11 11 11	99 97	2,530	2.725	35	2221	2,420	37	32.0	835	2,112	31	- * °	, 1,988 6 82%	2. 19 19 19 19 19 19 19 19 19 19 19 19 19	2.705	2 <u>2</u> 2 	01011 9258 9358	1 2,404 86%	78¥	sk – 1 S – 1	7.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	5 3,000 4 X55 4	1,05,15,491 2,000 2,25,252	2 146 4 20,429 2 819	2000 C	52
	1005 Liften	103 192	395 02	303 285	4 201 202	43	50 E	100	643 643	2 XI 9	3,455	2X0 1-96-1	97 77	XOX YOY	19,422	719 1.709	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	15.738	1.734	765 47%	× 9 }	9 9 9	2 2 7 2 2 7 2 2 7 2 2 7 2 7 2 7 2 7 2 7	251 Y 251 Y 2007 I	ž I	1.218	15 2.685	\$ <u>8</u>	1,379	- 183 - 183		2.531		244	88 88	2017 2017 2017	2.02	4	8 N 8 N	0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	21515	- 8 - 8 9 8	35	2.012 #	0100		× 3	e r s	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 2 - 2 - 2 - 2	s = -	502 202 202 6	5 46.72 8 27.22 8 589	к 2.802 (3 10,494 % 22%	NI 2010	6 2.95
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 Table 4-28 INDUSTRIAL WATER DEMAND BY WATER RESOURCE REGION (High Scenario)

 (High Scenario)

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						(Unit: M	CM/year)
Water Resources Region	1995	2000	2005	2010	2015	2020	2025
WRR-I	72.9	77.1	80.7	86.0	93,5	104.1	119.6
WRR-II	16.1	17,8	18.7	20,0	21.7	24.0	27.4
WRR-III	209.3	228,8	272.4	337.7	433.4	568,8	758.2
WRR-IV	625.8	626,1	690.2	865,0	1,093.9	1,424.4	1,928.9
WRR-V	19.8	23.9	25.4	27.6	30.7	34.8	41.1
WRR-V(569.3	570.2	588,1	595.2	601.2	605.8	609.3
WRR-VII	165,8	166.4	234.7	248.7	316.1	407.4	541.3
WRR-VIII	31.4	49.8	62.4	80.9	106.7	143.1	195.5
WRR-IX	5,7	13.7	25.5	32.5	41.9	56,3	77.9
WRR-X	210.4	209.1	216.7	219.5	241.1	273.3	324.7
WRR-XI	215,1	214.7	217.6	224.5	233.6	245,5	263.1
WRR-XII	92.0	91.9	93.7	96,1	99.4	103.9	110.7
Total	2,233.5	2,289.4	2,526.1	2,833.8	3,313.0	3,991.5	4,997.6

Table 4-29 INDUSTRIAL WATER DEMAND BY WATER RESOURCE REGION (Low Scenario)

						(Unit: M	CM/year)
Water Resources Region	1995	2000	2005	2010	2015	2020	2025
WRR-I	72.9	76.1	79.4	82.7	86.2	89.7	92.8
WRR-II	16.1	17.3	18.4	19.1	19.9	20.6	21.3
WRR-III	209.3	221.7	258.2	298.7	346.0	393.2	432.6
WRR-IV	625.8	628.4	718.2	838.3	949.8	1,054.8	1,154.1
WRR-V	19.8	22.2	24.7	25.9	27.1	28.3	29.4
WRR-VI	569.3	568.6	569.3	568.6	567.7	566.6	565.2
WRR-VII	165.8	163.6	219.4	217.3	248.4	276.8	302.7
WRR-VIII	31.4	45.5	57.4	68.0	79.5	90.8	100.5
WRR-IX	5.7	13.7	23.5	27.3	31.2	35.7	40.0
WRR-X	210.4	208.9	209.7	209.9	220.1	231.2	243.6
WRR-XI	215.1	214.9	215.8	219.8	223.8	227.1	230.1
WRR-XII	92.0	92.5	92.9	94.2	95.5	96.7	97.8
Total	2,233.5	2,273.2	2,486.9	2,670.0	2,895.3	3,111.4	3,310.1

Table 4-30 ECONOMIC ZONE AND WATER DEMAND ESTIMATION

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ŀ	h Marta I	85/43317																block can ad other h
i	alun .		t koduky	\$13,7	41	19 6 H	R i	- 4 H3 .	ngs	2.24		3.18	3-81-6	2.24	E 1977	2.28	1625	2.28_Astrodegs
		BAFAANIZ	Loong .	bes little	25%	813	7.1%	22.48	9513	30.51	3PAPE	32.12	3-1-1	3242	ENG	32.42	1:6%	32.12 Eight and maintaine
	,	HERMOSA17																1345 Fight the public
	1	PSOCIE UROCEE MECAL	N. 8	5.00		•	15%	4 KL	813	964	1:202	12515	10 X -5	1245	1003	12.65	1:9 M2	
		CO551EX	1.4	130			\$5.8	0.45	3, 15	2.41	1.420	3 (9)	t-hera	3.04	5.844	14-1	1.014	3.61 Petro Nemicol actuaria
r		ANGELLS UNDESTREATERAKK LZ	i wana	32						. <i>.</i> .								nga lightandradion
ı		UUSTA ISDUSTREALISARK	r sonny	×2			454	0.10	8/6	0.51	fora)	(C. 1	PP3	111-4	1.3173	6.4	100.5	
		SEPZ	Livesting.	29.4	AN3	0.33	94 YQ	6.53	10.29	(5.5-2	F971	0.59	663	15	1000	0.59	10.42	6.57 High and in Join
1	and dis	SEBIC STUPEARD SEP7	Faire	34 77	283		7145	A 100										1.42 Marine induced and our
	654 7 14 2 JW36 R 3	internet in the second se	l'estrat.		-".".	. 17 8 1	11.1	0.94	13.45	8 42	1.4.1	1,42	10.1	3 42	606-2	142	1074	
				2452 7		X XC)		16.1 4		25. X		19 81		3-3 X3		45.83		and a second many view of the
•		URNÉBATANGAS INDRÉSTREAT PARK EZ	N. 4	54			153	0 16	814	0.87	5172	148	90./3	E.CK	1013	1408	E#9	1708 PLANE DESIGNED
		CREAT PEDE OPENA					4.55			10,101	0.517	1.0	1	\$11.M	1	1 4.6		Light outset at using h
		ONNARIA: PARKTZ GMAARCIAVIECON	N. a	75			150	033	8 Pi	1.21	£ 8° /	1.51	1.1.1	1.51	4.676	151	1.614	1.51 technology
		CINHR	N	455			151	1.45	×+1	7.74	1.673	9.1	paces	9.74	1903	9.74	808/9	Lighnis eulann aidh 974 is faefags
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		LCOANS	S	133			157	040	XH2	214	64%	2.67	6127	2.67	1003	2.62	1003	2.67 Englis de las dición caños
		TABANGGONHZ										-			1		1	2 0 0
			i esting	55	1974	0.4t	200	1.24	1.052	1.11	с · · ·	177	t nes	177	1.454	1.52	1.0%	1 77
		CAUREIN	Ex. ung	275 8	549	0.90	w.,	4.98	1.475	5.9	6.873	5.54	21875	5.54	the s	554	1.173	Steasaus, garents, 534 indeatise activitieg m
		CAMERIDAR INTRIMING																Figle and nu dram
		PARKIZ DAGORDANISING PARK	N	89		·	154	0.26	8.15	14	6°476	1.77	31876	177	6375	1.77	3-446	1.12 industrian
		SETZ	N.5	647			15%	0.1X	8.45	10.9 K	1073	122	1.025	1.55	6845	1.20	0.04	Light and medium 1.20 indications
		10 15130 517																Lighter nodule high
		LID ONTENTING A STREAM	N. 1			·	194	0 X-1	N./19	4 29	897 5	5.36	14.9	5.36	6.025	5 10	Pord	5.16 to have logy and stores
		PARKCAMII	5	85			15-1	016	8.03	138	1.275	1.73	19.5	173	616.40	370	119	light and mathanic \$73-instructions
		ED COLINIZ					_											
		EIRM CAVILL EN 4'N ORAL.	S				150	011	N/9	6.42	1:3.44	() 75	191-3	n 75	8 M 2 S	1175	2 k.',	a,15
		ISTAIL	Licony	53.7	1 47	1.94	\$5%	102	0.04	1.08	1375	1408	14.5	\$J-8	1973	1.08	2019	Light and the determined 1498, pediation indextness
		GATEWAY BUSIN WEARK SEFZ															• • •	Light and multiple and
		TARAN GOLDENDENDEN.	De an	1.0	5.4	1.0.5	15.6	i 71	3,853	370	14025	2.01	1425	244	1:425	2.04	100 G	244 pollotintinto-too
		12	N.4	1-10		-	¥.*;	0.50	8.43	1.61	1444	2.01	1/4/19	2.09	1.4 %	2.01	× 1.14	2.01
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			1.1:02	*	7.6%	*! 67	lora?	492	3.9123	41 M2]/X**	e) ež	1.0.45	(i 9)	130%	0.45	10041	18.7 a 6. a
		PERMISSING	N. 1	250			155	6.75	579	402	i'ara	5.02	114.16	592	1309	\$ 42	10124	5.02 Non p. Buting mdisci-
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			8 4 W.D.	33	\$716	49, 97	85%	0.55	EX42	41.4-2	1.452	\$1.64	1375	11.54	1845	10.64	100%	0.54 pollationat industries Engineer pressure
		LAGUNA DEGENORARK	E Nasturaj	439.4	3.315	1.26	5.5	: 65	1.04	2.80	10.95	2.89	0-0 Mir	2.805	19674	2.80	12.7	2.80 CONT. (19) THE CO
		TRAFFERENEN'S EN Y A SUB MIT PARK 1	t Thomas	67	76.7	0.65	1.4.41											Light to exc. Fun pro-
		TERET DOKINEKY A SCHOOL	n sessing. E	67	10.4	0.23	108.42	1.35	£744	1.35	1975	4,35	1-1-16	1.35	LCS	1.35	19 A.M.P.	1.35 pollaring industries Light to medium noa-
		PARKA .	Leora	45	X -4	0.25	*4	1.64	195	1.30	1:6-2	1.89	1-0-4	1.64	13025	1 41	6X25	LO priming industries
		THP CALAVIA INDUSTRIA TRANSCOUT	N. 4	1047			15-5	0.45	8.4	1.94	1.645							Light to are business.
		SCOTTRESS OF		1		•		11.4.1	5 1	1.54	1.674	2.95	141.14	. 10	1:4:12	2,30	104	2.8) pollaring industries
		ALLA DALKE MENNENSAL		76		•	15%	0.23	3. °i	1.22	10025	1.53	1.427	1.53	100.00	1.53	1025	1.53 Psim Path
		TOYOFASIA ROSANERZ	Easting	25		6.54	0.6%	15 S (1:avs	0.50	1963	0.51	1003	6.63	1140			Optic Astronomic parts
	Mere Maria	VALUERAN WAVE STRE		.,					1.4.	0.30	1.443	0.00		0.54	1967	0.50	13%	 Export operad type)
			freedy	5+	89		10 M A	C.85	9.05	149	. 1 002	1.00	14-7	104	1975	1.00	1965	LOD in Aumindustries
	ART KARASA			2863		6,83		22.86		49.76		57.47		5242		\$7.47		37 47
	Alhuy	O.GASPICITY STP/				• •			· ·· ··									an and these proves of the
	ć		New .	373			157	0.10	₩*;	0,51	10924	0.56	3.842	0.56	107.6%	0.66	1977	tion industries do trocks
		MACIAN D7	Lating	150	67%	200		271	EX.F	3.04	3 X-2	3 (1)	10-4	3.04	10.05	3.41	1003	Eight and routions The Induction
		CT18/118/01/DS9/SD0AL	•							2.2.3				2.04	P. 87.4	334	100.00	3.05 indestries Algorithmic and a second
		FARKLZ	New	fið.		•	154	fi 19	\$. · · ·	[.64]	1.64	1.26	1063	1.26	165	1 26	100%	1.36 polluting months tan
		MACIAN BY R	Existing	61.3	1949	013	÷	1).75	\$5%	121	1.474	1 27	ji treş	1 27	E.G.S	127	ines.	Light and a scheme £37. instruments
		SEW ET BUILDWISSIER				•									* •. •	121	P 879	6.27 industrian
		WINT CERTINE AND	Existing	34.6			\$5%	17.51	X.76	0.50	1 X G	0.73	100.05	0.73	N KYS	0,73	100%	0.70 Increfix tering and
		PARKSEZ	S	145			45%	0.74	14 / L	3.93	tra-4	4.92	le filiag	4.92	3(19)%	4.92	1105	Expan proceeding. 4.92 sturbuilding to ex-
	Sus Fed WBR			\$57.9		2 25		4.51	· - 72.	9.75		41-19						4.92 stephoilding teasy
	lesa	ATTEINR'S RIAT						9.28 		9,73 		41.14		11.13		41.19 		11.19
		DEMEORMENT ENDS	hal-teg	427,1	535	4.55	\$55	7.30	10.5	1.59	PQ%	10.50	1009	N.59	10775	\$ 59	1005	8.54
		DACLOBAN MEZ																
			N. 4	234.9		•	ISG.	0.7‡	5	3.83	Feed	4.76	FX-3	4.75	KXK:	4.76	1/0/4	4,75
	505 T 4.3 - 4 KK			162.5		4,55		8.01		12.39		13.34		13.34		12,34	·	13.34
		AVALADE ZAMBOANGA				••								· · -		• • • •	• • • • • • •	Soull and the Such w
	Sar Agusar M Sone	INDUNDED PARKEZ TUBAY AGRIPRIATIANNE	<u>N.</u>	- 50		1.1	151	⁰⁻¹⁵		16, NC 9	1963	199.	1078	E99	1.003	1.00	i x i	1.00 Indexides
		CENTER	N.v.	1.46			154	0.53	85	315	1393	3.93	1-03	3.93	104	3.93	1005	Jy1 Agri bool infestion
		SASPELAGESANDEL													• • •			• • • • •
	Subcie & Silve	- 20 BTH INDENTIGATES TAT 2 PHDI NECO INDEN SERIESI	1.544	2.00			154	0.89	8. Y 5	4,75	104.55	5.93	P1/5	5.94	10023	5.94	5.03	5.9# Tigh and mc diam ind
		ESTAILSIZ	Sec. 1	L'RC			15%	0.33	8/3	Lfit	Exer	2 (4	Dette	2.04	1963	2.03	501-52 -	Disensity on Naket 201 a finan on relien
	Sale Local WRR			593				1.78		9.51	• • • •				••••		. (J * 1	201 READ PARAMENT
		FUNCTION NEAR BUSINESS										D 88		1188		11 \$8		11.88 The Third Corp Parameter
	Doole Oncord	& DJA SEREN PARK FZ	N.4	57			153	617	8.45	0.92	1900G	1.54	pre-	114	1973	4.1.4	pare.	see regitables formiting.
		FULNESEMEN									1.1.1		663	1.14			100%	ر مع وسنة مع مراجع الشار الد ال
	South Concerns		N.A.	120			157	0.36	80/%	193	80.75	24(60.6	2 41	1.02	2.41	190%	2.41 Nos pellatoig reducin
	Fanar del Sur	NSC SEZ	New	274		-	153	0.51	6 747	4 21	1010		1000		1000	e		Downstmann stors 5 Storm and stors
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Dza Sone, DLAA Komoń, Anz, Suns-Landarikod w og 1960 Nie – Land ardinalion 133, N.G. Alf Bergenez, M.G., M.G., M.G. M.G. Bayan Ward Anna Anna Franzeska, and CANELLA, BONT CANEL INSUMERIAL ENGENN TRATESIONARK, I BHEINRYTERY NISCH NAT. DARK HEITONG A SEA, ROSA SEPT Northung Bart ungengeon 35 m³ had y

		5661			2000			2005			2010			2015			2020			2025	
Region	Municipal Industria	Industrial	Total	Municipal Industria	Industrial	Lotal	Municipal I	al Industrial	Total	Municipal	industrial	Total	Municipal	Industrial	T'otal	Municipal 1	I Industrial	Tota;	Municipal	I Industrial	Total
WKK-I	47.4	72.9	120.4	60.7	77.1	137.8	76.9	80.7	157.5	1	0 %	182.2	118.6	92.5	212.1	142.9	104.1	247.0	1.071		2.620
WRR-II	5.05	16.1	55.4	50.7	17.8	68.4	64.S	18.7	83.5		20.0	101.5	100.2	21.7	121.9	19.4	24.0	143.5	140.2		167
A'RR-III	0	209.3	425,5	5.792	228.8	526.1	397.6	272.4	670.0		L L L L	S-49.3	646.2	2574	1.079.5	792.9	568.8	1.361.8	954.7		1,712.5
NRR-IV	-	625.8	1,836.9	1,562.9	626.1	2,189.0	1,868.9	690.2	2,559.2	• •	865.0	3,094,6	2 477 3	0.001	3.571 1	2.689.0	1,424,4	4,113,4	3,100.8		\$,029
WRR-V	77.8	19.8	1.79	101.6	23.9	125.5	124.5	25.4	150.0		27.6	182.3	9.88	30.7	219.2	224,6	34 S	259.4	261.1		302
WRR-VI		5.693	675.6	147.5	<i>S</i> 70.2	7177	1.7.7	588.1	785.8	259.2	595.2	854.4	6.055	601.2	932.0	410,1	605.8	1.015.9	500.2	609.3	1,109.5
VRR-VII		165,8	289.6	183.6	166.4	350.0	253.5	234.7	188.2		248.7	579,4	411,2	316.1	727.3	490.9	407,4	898.3	564.0		105
/RR-VIII	<u>5</u>	31.4	82.6	67.5	49.8	117.3	88.7	62.4	151.1		803	195.9	147.0	106.7	253.6	183.5	1551	326.6	2,36.5		432.(
VRR-IX		5.7	78.8	103.9	13.7	117.6	143.5	25.5	169.1		32.5	225.5	251.3	41.9	293.3	3115	56.3	3.77.8	330.5		458
VRR-X	83.1	210.4	293.5	111.5	209.1	320.6	150.3	216.7	367.1		219.5	418.4	257.5	241.1	498.6	320.8	273.3	594.2	3.88.5		713
WRR-XI	88.8	215.1	304.0	109.2	214.7	323.8	133.7	217,6	351.3		224.5	386.1	192.3	233.6	425.9	224,0	245.5	469.5	2,58.1		1
VRR-XII	68.5	92.0	160.5	100.5	919	192.4	147.8	93.7	241.4		96.1	306.3	286.2	99.4	385.6	1.275	6,501	479.0	475.0		585.0
'l'otal	2,187.1	2.233.5	4.420.7	2,896.8	2,289.4	5-186.2	3.648.0	2.526.1	6.174.1	1.	2.X37.X	7 375.0	\$.407.2	33130	X 720.2	6 240 9	L	10.282.5	7,430.0	1 0.7.00.4	2.427.0

Table 4-32 MUNICIPAL AND INDUSTRIAL WATER DEMAND BY WATER RESOURCE REGION (in Low Economic Scenario)

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		1995			2000			2005			2010			2015			2020			2025	
kegion	Municipal	Industrial	Total	Municipal	Industrial	Total	Municipal	Industrial	Jotal	Municipal	Industrial	Total	Manicipal	Industrial	Total	Municipal	Industrial	lotal	Municipal	Industrial	Total
WRK-1	47.4	72.9	120.4	60.7	76.1	1.36.8	76.9	79.4	156.3	96.2	82.7	178.9	118.6	86.2	204.7		89.7	232.6	170.1	92.8	262.9
WRR-2		191	55.4	50.7	17.3	67.9	64.8	18.4	83.2	\$1.5	19.1	100.7	100.2	19.9	120.1	119.4	20.6	140.0	140.2	21.3	161.5
WRR-3	216.5	209.3	425.8	297.3	221.7	519.0	397.6	258.2	655.7	511.6	298.7	4.018	646.2	346.0	992.2	792.9	393.2	1,186.1	954.7	432.6	1,387.3
WRR-4		625.8	1,836.9	1.562.9	628.4	2,191.2	1,868.9	718.2	2.587.1	2,229.5	838.3	3.067.9	2,477.3	87676	3,427.1	2,689.0	054.8	3.74.3.8	3,100.8	1.154.1	4,254.9
WKR-5		8.61	97.7	97101	122	123.8	124.5	24.7	149.3	154.6	25.9	180.5	97881	27.1	215.7	3:4:6	5.82	252.9	261.1	29.4	290.5
WRR-6		\$69.3	675.6	147.5	568.6	716.0	1.7.7	\$69.3	67.0	2.69.2	568.6	827.8	330.9	\$67.7	898.5	1014	566.6	976.7	500.2	565.2	1,065.4
WRR-7		165.8	289.6	(83.6	163.6	347.2	2.53.5	219.4	473.0	330.7	217.3	548.0	4)[7	248.4	659.7	490.9	276.8	7.67.7	564.0	302.7	866.7
WRR-8		31.4	82.6	67.5	45.5	6.211	88.7	57.4	46.1	115.0	68.0	181	147.0	79.5	226.5	183.5	90.8	274.3	236.5	100.5	337.1
WRR-9	73.2	5.7	78.8	103.9	13.7	117.6	143.5	23.5	167.0	193.0	27.5	220.3	251.3	31,2	282.6	317.5	35.7	353.2	380.5	40.0	420.5
WRR-10.		210.4	293.5	111.5	208.9	320.4	150.3	209.7	360.0	6.861	209.9	408.8	2.57.5	220,1	477.6	320.8	231.2	552.1	388.8	243.6	6.2.4
VRR-11		215.1	304.0	109.2	214.9	324.1	133.7	215.8	3.49.5	161.6	219.8	381.5	192.3	223.8	416.1	224.0	227.1	1.15	258.1	230.1	9.8.24
NRR-12		92.0	160.5	100.5	92.5	193.0	147.8	92.9	240.7	210.1	94.2	304.3	2,86.2	95.5	381.7	375.1	96.7	471.8	475.0	87.S	\$72.8
Tero!	2 : 87.1	2 223 6	C 0.07 P	N YON C	2 273 2	5 170.0	5 AAX 0	2 ANA U	6 10 1 V	1 673 7	1 1/1/2 0	10100	0 000 0	0 XUO C	2 CVC V	0 000 2	V 1 1 C	1 100 10		1 1010 0	I OFE O

Table 4-31 MUNICIPAL AND INDUSTRIAL WATER DEMAND BY WATER RESOURCE REGION (in High Economic Scenario)

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		Major River Basin		Industrial	Tenal	Municipal	Industrial	TING	Muracipal	ICUID IN THE		Munutary Ma	1.00		-		1	ļ	0.0				
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Tother att att< att att< at		1	1 .0	4	61	0.0		<u>प</u>	N C	9		1			001				2.2				
Train Train r_1 <t< td=""><td></td><td>Others</td><td>14.0</td><td>6'61'</td><td>XX</td><td>57.1</td><td>6119</td><td>0.111</td><td>0.27</td><td>1</td><td></td><td>0/A4</td><td></td><td></td><td>4 21</td><td></td><td></td><td></td><td>101</td><td></td><td></td><td></td><td></td></t<>		Others	14.0	6'61'	XX	57.1	6119	0.111	0.27	1		0/A4			4 21				101				
Cappor Lag T<		Total	47.4	0.27	1,00.1	1.0%	1.27	137.8	149	1.0x		8	0.04	ļ		1	Ł					£ .	
Monto 0 N <td> -</td> <td>(actives</td> <td></td> <td></td> <td>Ģ</td> <td>0,44</td> <td>2</td> <td>47.7</td> <td>\$7.0</td> <td>4.0</td> <td></td> <td>£'11.</td> <td></td> <td></td> <td>KX.</td> <td></td> <td></td> <td></td> <td>C </td> <td></td> <td></td> <td></td> <td></td>	-	(actives			Ģ	0,44	2	47.7	\$7.0	4.0		£'11.			KX.				C 				
NUMUR v^{-1}_{1}	-		e e	1	ļ		-	1,5	00	7		0.0	7		0.0				0.0				
Unimplete 11 No. No		Actury	0.0 '	2 3	2	2				40		*0	80 0		12.0				4.3 10				
		Others	r. T	9	0,141	0.1	ç	0.01	¥.7				0.05		ίω.				9.4 2.4				
		Total	1.01	10.1	55.4	50.7	17.8	63X &	K.98	18.7	1	C Z	NO.	1	4 6 7 7	1	ł.	l	0.1		L	1	
Merry Merry <th< td=""><td></td><td>Parmanca</td><td>n R</td><td>7</td><td>17 (A)</td><td>1.3.5</td><td>6.47</td><td>4.445</td><td>CXC2</td><td>0:201</td><td></td><td>2002</td><td>141.1</td><td></td><td>0.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		Parmanca	n R	7	17 (A)	1.3.5	6.47	4.445	CXC2	0:201		2002	141.1		0.00								
Open Open <th< td=""><td></td><td>A 440</td><td></td><td>0</td><td>27.5</td><td>11.5</td><td>13.4</td><td>0.17</td><td>4</td><td>18.4</td><td></td><td>ŝ</td><td>20.4</td><td></td><td>11.1</td><td></td><td></td><td></td><td>2 x 2</td><td></td><td></td><td></td><td></td></th<>		A 440		0	27.5	11.5	13.4	0.17	4	18.4		ŝ	20.4		11.1				2 x 2				
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		Clack	90'N	5.7					01	Ļ		5115	1.17.5		0.46.7				10 K				
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Open 101 111 15 No.1 1501 10011 1001 1001 10		Annay-Patrick	0.1	0.1	0.1	ō.	0,1	õ	ō	0		5	5										
Total Litit erst rest <		Others	105	251.2	752.4	6.51.55	252.0	500	742.0	122	_	1.956											
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		Others	1.64	12.1	63.2	8	4.6	6.6.1	e e						A KAT				4.6 34				
Damy Damy <thdamy< th=""> Damy Damy <thd< td=""><td></td><td>Total</td><td>77.R</td><td>101</td><td>5.70</td><td>01:01</td><td>6.62</td><td>125.5</td><td>1.4.7</td><td></td><td>Ŀ</td><td></td><td><</td><td>L</td><td></td><td>ł.</td><td>I.</td><td>L</td><td>XO</td><td></td><td></td><td>I 1</td><td></td></thd<></thdamy<>		Total	77.R	101	5.70	01:01	6.62	125.5	1.4.7		Ŀ		<	L		ł.	I.	L	XO			I 1	
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		lioe-Hilabangan	197 1	152.1	0,971	ск.	152.4	189.6	6'6*	1,96,9		65.4	1.42		0.4								
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		Town	ŝ	69	6750	117.5	\$70.2	7117	1.07.7	SKR.1		2.92	5.865		300.5		1		09 10				• •
		10141			1010	1414	16.6.4	150.0	\$ 150	CPEC	1	7.055	7.44.7		211.2				0.9 407				۳I
	>	lotat	12.1		1.611	2 E V	N 04	1.11	E 33	4 64		0311	6.08		147,0				143			- 1	- 1
Ickal //1 Y2 0.0 1.0 Y2 0.0 1.0 2.0 0.0 2.0 <td>1:17</td> <td>l otal</td> <td>515</td> <td>1.1.</td> <td>1</td> <td></td> <td></td> <td></td> <td>1 111</td> <td></td> <td></td> <td>0.001</td> <td>1</td> <td>L</td> <td>212</td> <td>L</td> <td>L</td> <td></td> <td>2.5 50</td> <td></td> <td></td> <td></td> <td></td>	1:17	l otal	515	1.1.	1				1 111			0.001	1	L	212	L	L		2.5 50				
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Tagoloan N0 456 756 401 471 803 103		Aguasan	1.0	<u>6</u>	07	67	2	ĩ					0.04		0.00				4,4 68			\$7.5	226.1
Cagavan De Oro N21 %4.4 %85 %10 %10 %10 %10 %10 %10 %10 %10 %10 %10 %10 %11		Tagoban	20.0	45.0	2110	40,1	4.7	5.68	A.Y.C.	1.18		1							20 8				
Ohrst 203 100.5 173.4 200.2 104.4 200.2 2		Cagayan De Oro	1.55	. 9X	88.5	41.0	6	6'86	6/15	6 X		4.0	0.0		, i								
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Taguni-Ubuganon 17 Wa 411 6.2 0.4 7.0 9.4 9.0 18.7 9.06 18.7 9.06 Wa 2.3 8.00 0.0 Nayari-Ubuganon 26.7 13.1 19.8 36.7 13.1 19.8 36.7 13.7 21.9 40.0 23.5 23.2 47.7 23.9 40.0 23.4 20.4 11.7 31.9 10.9 30.7 11.7 31.9 10.0 140.6 20.7 11.7 32.9 40.7 23.4 23.1 41.1 10.6 24.8 10.0 140.6 20.0 140.6 20.7 11.7 21.9 40.7 23.4 20.7 41.1 40.7 20.4 10.6 64.8 10.7 10.6 20.7 11.7 21.9 40.7 23.1 40.7 20.4 11.7 21.9 40.7 23.4 23.6 60.7 13.7 21.9 40.7 23.4 23.2 40.7 23.6 40.7 13.4		Total	, F	210.4	5102	5.111	1,001	320.6	5.05	716,7	1	6361	21912		272		1		× n				
Wayar-Mahingun 20.7 13.1 1936 74.2 51.9 40.8 13.1 13.0 13.7 21.0 10.00 14.00 24.0 23.1 Wayar-Mahingun 10.4 4.0 23.5 51.2 4.0 23.5 23.2 4.7 73.9 50.4 31.4 71.0 13.0 13.0 13.7 21.0 0.00 14.00 20.2 3.0 0.0 31.4 20.0 1.17 21.0 1.17 5.12 3.1 13.4 20.0 1.13 5.0 0.0 1.16 0.0 1.16 20.2 3.0 0.0 1.13 5.1 3.1 1.17 5.1 3.1 1.13 5.1 3.0 0.0 1.13 5.1 3.0 3		There - Thursdoor	7.4	101	1.1.1	6.2	4.0 -	0'1	7.4 7.4	. ⁻ bt		14.0	34.6		18.7								
Divortation 19.4 4.0 23.5 21.5 4.0 23.5 21.7 4.7 21.9 25.0 0.4 31.4 27.0 8.7 33.6 11.7 40.2 Divortation 19.4 4.0 23.5 4.6 11.3 50.0 39.4 80.1 73.6 4.11 73.5 5.12 71.7 5.12 5.12 71.7	ł	Bosumo-Makinouri	76.7	Ę	¥ 05 I	36.7	13.1	51.9	40.8	135.7		0,36	1,25,4		EL 3				0.0 140				
Others 930 715 448 11.3 56.1 56.0 36.4 57.1 57.2 73.2 73.2 73.2 73.4 Others 930 75.1 75.3 75.4 75.1 75.2 75.2 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.4 73.2 73.4 73.5 73.7 73.2 73.4 73.2 73.4 73.4 73.2 73.4 73.4 73.4 73.2 73.4 73.4 73.4 73.2 73.4 73.7 73.4 73.7 73.4 73.7 73.4 73.7 73.4 73.4 73.4 73.7 73.4 73.7 73.4 73.7 73.4 73.7 73.4 73.7 73.4 73.7 73.4 73.7 73			4.6	Ģ	F		4.0	5 - F.	5	4.7		25.0	6.4		27.0				8.5 E				
Unite Nation No. 10.2 13.3 14.07 13.13 16.0 23.45 36.01 17.25 23.46 23.55 46.05 23.45 45.75 46.05 23.45 45.75 46.05 23.45 45.75 46.05 23.45 45.75 46.05 23.45 45.75 46.05 23.45 45.75 46.05 23.45 45.75 46.05 23.45 45.75 46.05 23.47 23.17 23.17 23.17 23.17 23.17 13.10 14.11 16.06 13.73 14.02 23.19 23.17 23.17 23.17 23.17 23.17 13.10 13.17 14.11 16.06 13.73 17.02 13.14 23.17 23.17 23.17 23.17 23.17 23.17 23.17 13.12 13.12 13.12 13.12 13.12 13.12 13.12 23.17 23.17 23.17 23.17 33.12 33.12 33.12 33.12 33.12 33.12 33.12 33.12 33.		Cubarro C	100	4 14	1	X 97		1.01	\$0.9	N.91		6.7.6	1.54		¥.98				5				
Total 0.0 0.3 3.1 N.0 N.0 <thn.0< th=""> <thn.0< td="" th<=""><td></td><td>CUIRTS</td><td>202</td><td>141</td><td>0.401</td><td>2 601</td><td>1</td><td>1-10.7</td><td>1.001</td><td>217.6</td><td></td><td>161.6</td><td>224.4</td><td></td><td>192.3</td><td></td><td></td><td></td><td>4.0 245</td><td></td><td></td><td>- 1</td><td></td></thn.0<></thn.0<>		CUIRTS	202	141	0.401	2 601	1	1-10.7	1.001	217.6		161.6	224.4		192.3				4.0 245			- 1	
Americano al 72.6 77.4 7.0 72.7 79.7 10.3 72.7 13.10 14.6 72.9 87.0 20.0 73.1 03.1 26.2 73.5 99.6 Americano al 72.6 73.4 70.0 73.1 26.2 73.5 99.6 Americano al 72.6 73.4 73.5 99.6 Americano al 72.6 73.4 73.5 73.6 73.6 73.6 73.4 73.7 73.6 73.6 73.6 73.4 73.7 73.6 73.6 73.6 73.4 73.7 73.6 73.6 73.6 73.4 73.7 73.6 73.6 73.6 73.6 73.6 73.6 73.6		1 trial Véteration	041		104	1.9	14.1	0'IX	3	1.1		141.1	16.0		0201				12 61				
17.7 5.9 2.7 25.0 5.7 31.7 34.3 6.0 44.2 34.4 6.0 6.0 0.0 74.1 7.5 81.5 97.1 8.0 10.7 11.7 5.8 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5	_			1	T CL	10	727	1.61	10.1	7.27		14.6	22.9		20.0				6.2 2.9				
04.5 02.0 100.5 100.5 103.0 147.8 03.7 24.14 210.1 04.1 206.3 26.2 09.4 385.6 375.1 103.6 479.0 64.5 02.0 100.5 100.5 100.5 100.5 10.0 25.5 15.0 11.1 24.51 24.13 7.13.7 5.407.2 5.707.9 5.701.5 10.242.5			; ;			e e f	T	117	1.12	6.0		54,4	6.6		74.1				7.1 ×				
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		10141	5								I				C 101 1		E ULL > 1	4 × 4	001 000	A DATION A	(1)AA [4 6273	2

Table 4-33 MUNICIPAL AND INDUSTRIAL WATER DEMAND BY MAJOR RIVER BASIN (In High Economoic Scenario)

 \bigcirc

| Maine Rivar Racin | Minister Ind | Mistrial | Total | Municina I

 | ZUM | Total

 | Munition In | -tooterial | , | . I X | ſ
 | [nta] | Municipa Inc | Justrial
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 | Municipa | Total | Municipa | vdustrial | Total |
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---|---|
| Abra | 2.0. | 9.6 | 21.7 |

 | | 1.11

 | 4,1 | 19.H | | | 1
 | 01.2 | 1.5 | 20.1
 | 45
 | 93 | 29.2 | 0.11 | 1-02 | 5.12 |
| Lacag | 0.4 | 4.1 | 6.0 | 0.6

 | | 5

 | 0.5 | 3.5 | | |
 | 6.01 | 1.4 | 3.5
 | 0.5
 | 8,1 | 5.4 | 3 | 3.6 | H. |
| Others | <u>्रा</u> | 40,9 | 8.13 | 57.1

 | | 1,16.9

 | 72.0 | 26.1 | | |
 | 51152 | 0.011 | 62.5
 | 172.6
 | CON I | 1.461 | 8.01 | 68.9 | 22.48 |
| Total | 47.44 | 71.9 | 120.4 | 60.7

 | | 4,021

 | 76.9 | 4.07 | | |
 | 51.0K | 118,6 | K0.7
 | 204.7
 | 142.9 | 212.6 | 170.1 | 92.8 | 202.9 |
| Садауав | 14.6 | 5 | 30.2 | 44.0

 | | 0.Ľ\$

 | 11.0 | 11 | | | [
 | ×0.6 | KK.2 | 0
 | 266
 | 6 | 1011 | 111.4 | 6.2 | 0.01 |
| Abulue | 0.0 | 175 | 12 | 0.0

 | | 70

 | 0.0 | 5.0 | | |
 | 27.0 | 0.0 | 2
 | 1
 | 0.0 | 2 | 0.0 | 17 | 17 |
| Others | C'3 | 5.0 | 0.41 | 6.1

 | 5.6 | 0

 | 7.8 | 9.6 | | |
 | X,X. | 0.01 | 9.6
 | 4.15
 | 1.4 | 24.5 | 191 | 6.9 | 26.8 |
| Total | 6.91 | I.c | 55.4 | 50.7

 | | 0.1.0

 | 8.4.8 | 18,4 | | |
 | 1.961 | 100.2 | 6.61
 | 2
 | 119.4 | 140.0 | 2.041 | C12 | 161 5 |
| Vinpanga | 1292 | Ĩ | 123.4 | 6779

 | | 1.14

 | 5,x15 | 2.16 | ļ | E . | 1
 | 423.4 | 202.0 | 1.641
 | 1.60%
 | 0.544 | 617.4 | 5,00,4 | 6761 | 726.4 |
| 5 UO | 265 | 0.11 | 32.5 | 35.5

 | | L, NH

 | 46.5 | 17.0 | | |
 | N1.9 | 8 Y.L | 23.8
 | 101.6
 | 80.8 | 123.4 | 107.4 | 5"XE | 9.44 |
| Others | 50°X | 1,14,0 | 104.9 | N.N. 4

 | | 242.3

 | 122.7 | 147.6 | | |
 | 6.974 | 20K.8 | 177.1
 | 9.040
 | 260.1 | 1.744 | 316.9 | 196.2 | 512.1 |
| Total . | 216.4 | 2007 | 8 V Ca | 102

 | | 0.45.

 | 307.6 | 2,865 | | • • |
 | 3.44.6 | 5,046 | 3410
 | 2:266
 | 6 202 | 1.186.1 | 944 7 | 472.0 | 0.086,1 |
| asig-Laguna Bay | 8'607. | 2.4.5 | 6.480,1 | 8116

 | | 1.240.6

 | 1,046.8 | 414.0 | | | Ľ,
 | 0.061.1 | 0.0F.P. | 67.65
 | 2.029.3
 | 1.53.1 | 2,1221.2 | C'864'1 | 270.5 | 2.VNA.B |
| may-Patrick | 0,1 | 0.1 | 0,1 | 0.1

 | | 0 [.]

 | 0.1 | 0 .1 | | |
 | 5 | 0.1 | 0
 | 0.1
 | 1.0 | 5 | 0.1 | 0.7 | 1°0 |
| Others | £105 | 1112 | 252.4 | 651.55

 | 2013 | 6,708

 | 0.242 | 111 | | |
 | 1,452.0 | 1.040.1 | N.021
 | 0.70%,1
 | 1,130,8 | 0,122,1 | 4,205,1 | 4114 | 1.725.6 |
| Total - | 12121 | 17 m 3 | 6'95'8'1 | 1, 462.9

 | | 2,196.7

 | 1,368.9 | 000.2 | | | Ĩ
 | 1,11,1 | 2,477.3 | X 676
 | 1 424 8
 | 2.444.0 | N.T.J.R. | 3,100.8 | 1,154 F | 4 74 4 9 |
| 00 | 2112 | ž. | 5.45 | 41.1

 | ١. | 47.9

 | 1:0 <u>5</u> | 4.4 | } | | [
 | 19.4 | 252 | 8.4
 | ×1.1
 | L.03 | 640 | 103.6 | 40 | 110.7 |
| Others | Γ'γ γ | 17.1 | 0.1.2 | 60.5

 | | 102.6

 | 74.4 | 6'61 | | |
 | 14.4 | 0.641 | 213
 | 1.14.6
 | 135.2 | 2021 | 157.6 | 22.6 | 1×0.2 |
| late | 7.8 | 19.8 | 612 | 9101

 | | 1.50

 | 5,451 | 34.7 | | |
 | 2:00:2 | 3/8 8 /5 | 27.1
 | 11.7
 | 24.6 | 6252 | 2011 | 192 | 2002 |
| Intry | C 0 | 92 | 12 | 6.0

 | L | 5

 | 0.4 | 0 | | | ſ
 | 1 | 0.7 | 2
 | 97
 | 0.8 | ň | 1.0 | 0.72 | 01 |
| llog-Hilabangan | 76.8 | 1,53,1 | 0.071 | 2.21

 | | 0'0XI

 | 9.04 | 152.2 | | |
 | 215.4 | 9.54 | 151,8
 | 1972
 | 0.501 | 1922 | 1.26.4 | 1,11,11 | 27.4 |
| Jalaur | 0.7 | 6.5 | ᅼ | 0.0

 | 0.9 | 51

 | 2 | 6.5 | | |
 | ā | નં | \$"0
 | 50
 | 2.5 | | 11C | 0.5 | 3.5 |
| Others | 78.6 | 414.6 | 407.2 | 0'001

 | 414.1 | 212

 | 140.5 | 414.7 | | |
 | 2005 | 244.5 | 413,5
 | 648,0
 | 1.00 | 715.7 | 0.905 | 411.0 | 7.11.3 |
| Total | 104.3 | 569.3 | 075,0 | 2.Cal

 | 56%.6 | 0.307

 | 27451 | 1.048 | | | 1
 | 820.2 | 4.014 | 567.7
 | 8.94.5
 | 410.1 | 976.7 | 500.2 | 5495 | 1.065.4 |
| lotal | 123.8 | 165.8 | 2,49,6 | OF ENT

 | | 345.3

 | 2.3.5 | 19.4 | | |
 | 501.05 | 411.2 | 244.4
 | 6.67.0
 | 490.4 | 2.695 | 0.40 | 2027 | 566.7 |
| liotal | t IS | 31.4 | 82.0 | 01.5

 | L | 502

 | NK.7 | 57,4 | | | []
 | 202.8 | 147.0 | 74.5
 | 20.5
 | 183.5 | 274.3 | 2.052 | 100.1 | 1.11 |
| l'otal | 232 | 4 | K'KI | 0.101

 | | 141.0

 | 143.5 | 23.5 | | i 1 |
 | SNS.C | 513 | 25
 | 282.6
 | 51210 | 2.845 | S.OK | 40.0 | 4205 |
| quasan | r'o | 6.1 | 2 | 2.0

 | 1.9 | 01

 | 50 | 61 | | |
 | 2 | 0 '2 | 61
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 | 0.0 | 2.5 | 0.7 | <u>ې</u> | 2 |
| goloan | 0.01 | 45.0 | 75.0 | 1.01

 | | 5 F M

 | 50.5 | 45.4 | | |
 | 116.3 | 92.9 | 19
 | 141.2
 | 114.4 | 167.7 | 67%C1 | \$1.5 | 1903 |
| igayan De Oro | (27) | 10.4 | S.N.S | 43.0

 | | 5 2.6

 | 9.1.9 | 56.1 | | |
 | | 8786 | 22
 | 159.0
 | 0.121 | 1.K7.S | 141.9 | 69,4 | |
| them. | 20.H | 5.901 | P1221 | 11 2.

 | | CH2

 | C.HC | 106.4 | | |
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 | 1.1
 | 82.0 | 194.4 | 1:001 | 471 | 1 |
| ra! | - N | 210.4 | 2013 | ł

 | 1 | A LL

 | 1403 | 5 | | - 1 | 1
 | 8 | 21.52 | 1021
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 | 1.0.1 |)
} | 38K,K | 9
7. | T Le |
| uduranqı'r-unät | 1.7 | 7.
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71

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 | 8'6 | 34.4 | | |
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| iayan-Malungun | 1.0C | TW1 | 1.0.8 | ч. 1

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 | 237.4 | 6 19 |
 | 1 612
 | 000 | 1.0.2 | 1.911 | 1.0.1 | 0.047 |
| 0040 | 19,4 | 4 | 215 | 21.5

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 | 55 | 4.7 | | |
 | C.01 | 0.15 | ę.2
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 | 28.1 | | 20.0 | X. | ¥. |
| hers | 0.01 | 314.6 | 2.1.2 | 87°N

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Ç

 | 50.9 | 6.91 | | |
 | S701 | ¥.40 | 41.7
 | 107.5
 | 11. | 0.015 | 6'×1 | 45 X | |
| tal | XY,X | 215.1 | 0.501 | 100.7

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 | 133.7 | 215,8 | ļ | - 1 | Í
 | 40.7 | r6 | 8122
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| oeuepui | 0.04 | N.C | K.V.S | 67

 | | Г¢я

 | 5M | 14.4 | | |
 | 1.4.7 | 120 | 16.2
 | 4,405
 | 211.0 | 26%,% | 6.415 | 1 | 0.000 |
| Agus - | × 7 | 77.0 | 4 77 | 7.6

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 | 10.3 | 127 | | |
 | 12.7 | 20.0 | 72.9
 | \$7\$
 | 28 | 8 | 1.67 | 0.12 | 8 |
| hers | 17.7 | \$ 1\$ | F. | 0.2

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 | r. 46 | * | | |
 | 51.9 | 74,1 | ¢.
 | ×0.6
 | 1.70 | 5.001 | 0.421 | 0 | 0.0 |
| eal | 68.4 | 0.09 | 1004 | 100.5

 | | 1-9-1

 | 147.8 | 0.10 | j | | - [
 | 114.2 | 246.2 | 556
 | 3K1.7
 | 375,1 | 471.K | 475.0 | * 6 | ž |
| (eio) bus | 2.187.1 | 1.22.1 | 4,420.7 | 2,N381N

 | 270 | 5, 4UN.K

 | ., to 4 × .0 | 4.51.0 0 |] | ~ # | N 197
 | 2013 | 1.104 | 10° "1
 | 102.0
 | 6.00.10 | 9.402.3 | 7,430.0 | 10101 | 1.047.01 |
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No.4 No.7 Aga 18/2 64/2 19/3 70/3 70/3 Aguna Kay 700.8 10.0 77.5 70/3 70/3 Aguna Kay 700.8 70.4 0.1 0.1 0.1 Aguna Kay 700.8 70.4 10.1 0.1 0.1 Aguna Kay 700.8 10.2 20.2 20.3 0.1 Aguna Kay 70.8 10.7 20.4 0.1 0.1 Aguna Kay 70.8 10.2 20.3 0.1 0.1 Aguna Kay 70.8 10.2 20.3 0.2 0.3 Aguna Kay 70.8 10.2 20.3 0.3 0.3 Aguna Kay 70.8</td><td>Alga 1/2 1/1 1/2 1/1 1/1 Alga 1/2 4/2 1/1 2/2 1/1 2/1 1/1 Alga 1/2 2/2 1/2 1/2 2/1 1/1 2/1 1/1 Algaritick 2/2 1/2 2/2 1/2 2/1 1/1 2/1 1/1 2/1 2/1 1/1 2/1 1/1 2/1</td><td>Aga 1/3 1/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/3 4/1 6/0 6/1 <th< th=""> 6/1 <th<6 1<="" th=""></th<6></th<></td><td>Rga 70,3 10,1 70,3 10,1 70,3 10,1 10,3 10,1 10,3 10,1</td><td>Optim 1/5/3 0/13 <th0 13<="" th=""> 0/13 0/13 <!--</td--><td>Rga 70,3 10,1 70,3 10,1 70,3 10,1 10,3 10,1 10,3 10,1</td><td>Optimum (ky) (ky)</td><td>Optim 1/23 0.01 <!--</td--><td>001 002 001 002 001 002 001 012 <t< td=""><td>0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.01</td><td>matrix matrix matrix<</td><td></td><td>(b) (b) (c) (c) (c)<td>matrix matrix matrix<</td></td></t<></td></td></th0></td></tr<></td></td<> | Aga 101 101 104 Aga 10.0 10.10 17.4 Jagura Bay 20.5 10.10 17.4 Jagura Bay 70.8 10.4 10.4 Jagura Bay 70.8 10.4 10.4 Jagura Bay 70.8 10.4 0.1 Jagura Bay 70.8 10.4 0.1 Jagura Bay 70.8 10.10 10.4 Jagura Bay 70.8 10.1 0.1 Jagura Bay 70.1 2.8 10.4 Jagura Bay 70.1 2.8 10.4 Jagura Bay 0.1 2.8 10.4 Jagura Bay 0.1 2.8 10.4 Jagura Bay 0.1 17.1 2.8 Jagura Bay 0.1 17.1 2.8 12.8 Jagura Bay 0.1 1.7 2.9 2.9 Jagura Bay 0.1 1.9 1.2 2.9 Jagura Bay 0.1 1.9 2 | Alga Vol.3 Ala.1 Sys.a No.2 Algauna Bay 20(a) 11(a) 37.5 35.3 Algauna Bay 20(a) 11(a) 37.5 35.3 Algauna Bay 20(a) 11(a) 37.5 35.3 Algauna Bay 20(a) 71(a) 0.1 0.1 Algauna Bay 20(a) 71(a) 0.1 0.1 Alganick 0.1 0.1 0.1 0.1 0.1 Alganick 0.1 17(a) 6.4 10.1 0.1 Alganican 0.1 17(a) 6.4 10.1 0.1 Alganican 0.2 2.0 3.7 0.0 0.1 Alganican 0.3 10.3 10.2 0.0 0.1 Alganican 0.1 1.9 2.0 3.7 0.1 Alganican 0.3 10.3 10.2 0.1 0.1 Alganican 0.3 10.3 10.3 10.1 0.1 <tr< td=""><td>Aga Vol.3 Int. No.4 No.7 Aga 18/2 64/2 19/3 70/3 70/3 Aguna Kay 700.8 10.0 77.5 70/3 70/3 Aguna Kay 700.8 70.4 0.1 0.1 0.1 Aguna Kay 700.8 70.4 10.1 0.1 0.1 Aguna Kay 700.8 10.2 20.2 20.3 0.1 Aguna Kay 70.8 10.7 20.4 0.1 0.1 Aguna Kay 70.8 10.2 20.3 0.1 0.1 Aguna Kay 70.8 10.2 20.3 0.2 0.3 Aguna Kay 70.8 10.2 20.3 0.3 0.3 Aguna Kay 70.8</td><td>Alga 1/2 1/1 1/2 1/1 1/1 Alga 1/2 4/2 1/1 2/2 1/1 2/1 1/1 Alga 1/2 2/2 1/2 1/2 2/1 1/1 2/1 1/1 Algaritick 2/2 1/2 2/2 1/2 2/1 1/1 2/1 1/1 2/1 2/1 1/1 2/1 1/1 2/1</td><td>Aga 1/3 1/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/3 4/1 6/0 6/1 <th< th=""> 6/1 <th<6 1<="" th=""></th<6></th<></td><td>Rga 70,3 10,1 70,3 10,1 70,3 10,1 10,3 10,1 10,3 10,1</td><td>Optim 1/5/3 0/13 <th0 13<="" th=""> 0/13 0/13 <!--</td--><td>Rga 70,3 10,1 70,3 10,1 70,3 10,1 10,3 10,1 10,3 10,1</td><td>Optimum (ky) (ky)</td><td>Optim 1/23 0.01 <!--</td--><td>001 002 001 002 001 002 001 012 <t< td=""><td>0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.01</td><td>matrix matrix matrix<</td><td></td><td>(b) (b) (c) (c) (c)<td>matrix matrix matrix<</td></td></t<></td></td></th0></td></tr<> | Aga Vol.3 Int. No.4 No.7 Aga 18/2 64/2 19/3 70/3 70/3 Aguna Kay 700.8 10.0 77.5 70/3 70/3 Aguna Kay 700.8 70.4 0.1 0.1 0.1 Aguna Kay 700.8 70.4 10.1 0.1 0.1 Aguna Kay 700.8 10.2 20.2 20.3 0.1 Aguna Kay 70.8 10.7 20.4 0.1 0.1 Aguna Kay 70.8 10.2 20.3 0.1 0.1 Aguna Kay 70.8 10.2 20.3 0.2 0.3 Aguna Kay 70.8 10.2 20.3 0.3 0.3 Aguna Kay 70.8 | Alga 1/2 1/1 1/2 1/1 1/1 Alga 1/2 4/2 1/1 2/2 1/1 2/1 1/1 Alga 1/2 2/2 1/2 1/2 2/1 1/1 2/1 1/1 Algaritick 2/2 1/2 2/2 1/2 2/1 1/1 2/1 1/1 2/1 2/1 1/1 2/1 1/1 2/1 | Aga 1/3 1/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/1 5/3 1/2 5/3 4/1 6/0 6/1 <th< th=""> 6/1 <th<6 1<="" th=""></th<6></th<> | Rga 70,3 10,1 70,3 10,1 70,3 10,1 10,3 10,1 10,3 10,1 | Optim 1/5/3 0/13 <th0 13<="" th=""> 0/13 0/13 <!--</td--><td>Rga 70,3 10,1 70,3 10,1 70,3 10,1 10,3 10,1 10,3 10,1</td><td>Optimum (ky) (ky)</td><td>Optim 1/23 0.01 <!--</td--><td>001 002 001 002 001 002 001 012 <t< td=""><td>0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.01</td><td>matrix matrix matrix<</td><td></td><td>(b) (b) (c) (c) (c)<td>matrix matrix matrix<</td></td></t<></td></td></th0> | Rga 70,3 10,1 70,3 10,1 70,3 10,1 10,3 10,1 10,3 10,1 | Optimum (ky) (ky) | Optim 1/23 0.01 </td <td>001 002 001 002 001 002 001 012 <t< td=""><td>0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.01</td><td>matrix matrix matrix<</td><td></td><td>(b) (b) (c) (c) (c)<td>matrix matrix matrix<</td></td></t<></td> | 001 002 001 002 001 002 001 012 <t< td=""><td>0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.01</td><td>matrix matrix matrix<</td><td></td><td>(b) (b) (c) (c) (c)<td>matrix matrix matrix<</td></td></t<> | 0.01 0.02 0.01 0.02 0.01 0.02 0.01 | matrix matrix< | | (b) (c) (c) (c) <td>matrix matrix matrix<</td> | matrix matrix< |

Table 4-34 MUNICIPAL AND INDUSTRIAL WATER DEMAND BY MAJOR RIVER BASIN (In Low Beonomic Scenario)

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Table 4-35 ESTIMATED PALAY PRODUCTION

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A. For High Economic Growth Scenario

	1996	2000	2005	2010	2015	2020	2025
Existing Service Area (ha.)	1361703.00	1361703.00	1361703.00	1361703.00	1361703.00	1361703.00	1361703.00
Wet Season (ha)	922597.59	1144017.82	1181935.78	1181935.78	1239537.62	1239537.62	1239537.62
Dry Season (ha)	718986.94	914841.08	951392.14	951392.14	1012802.58	1012802.58	1012802.58
Irrigated Area	1641584.53	2058858.90	2133327.92	2133327.92	2252340.20	2252340.20	2252340.20
New Service Area (ba.)	0.00	213053.00	522046.00	750000.00	1000000.00	1250000.00	1500000.00
Wet Season (ha)	0.00	213053.00	522046.00	750000.00	1000000.00	1250000.00	1500000.00
Dry Season (ha)	0.00	213053.00	522046.00	750000.00	1000000.00	1250000.00	1500000.00
brigated Area	0.00	426106.00	1044092.00	1500000.00	2000000.00	2500000.00	3000000.00
Total Service Area (ba)	1361703.00	1574756.00	1883749.00	2111703.00	2361703.00	2611703.00	2861703.00
Wet Season (ha)	922597.59	1357070.82	1703981.78	1931935.78	2239537.62	2489537.62	2739537.62
Dry Season (ha)	718986.94	1127894.08	1473438.14	1701392.14	2012802.58	2262802.58	2512802.58
Total Irrigated Area	1641584.53	2484964.90	3177419.92	3633327.92	4252340.20	4752340 20	5252340.20
Yield (MI-ha.)	3.73	4.00	4.60	5.00	5.20	5.40	5.50
Production (1000 NT)	6123.11	99 39.86	14616.13	18166.64	22112.17	25662.64	28887.87
Production in GDP (1000 MI/year)	7201.40	8431.00	9836.00	11450.00	13310.00	15735.00	18818.00

B. For Low Economic Growth Scenario

	1996	2000	2005	2010	2015	2020	2025
Existing Service Area (ha.)	1361703.00	1361703.00	1361703.00	1361703.00	1361703.00	1361703.00	1361703.00
Wet Season (ha)	922597.59	1144017.82	1181935,78	1181935.78	1239537.62	1239537.62	1239537.62
Dry Season (ha)	718986.94	914841.08	951392.14	951392.14	1012802.58	1012802.58	1012802.58
Irrigated Area	1641584.53	2058858.90		2133327.92	2252340.20	2252340.20	2252340.20
New Service Area (ha.)	0.00	213053.00	522046.00	584180.00	584180.00	584180.00	584180.00
Wet Season (ha)	0.00	213053.00	522046.00	584180.00	584180.00	584180.00	584180.00
Dry Season (ha)	0.00	213053.00	522046.00	584180.00	584180.00	584180.00	584180.00
Inigated Area	0.00	426106.00	1044092.00	1168360.00	1168360.00	H68360.00	1168360.00
Total Service Area (ha)	1361703.00	1574756.00	1883749.00	1945\$83.00	1945883.00	1945883.00	1945883.00
Wet Season (ba)	922597.59	1357070.82	1703981.78	1766115.78	1823717.62	1823717.62	1823717.62
Dry Season (ha)	718986.94	1127894.08	1473438.14	1535572.14	1596982.58	1596982.58	1596982.58
fotal Irrigated Area	1641584.53	2484964.90	3177419.92	3301687.92	3420700.20	3420700.20	3420700.20
YieW (MT/ha.)	3.73	4.00	4.60	5.00	5.20	5,40	5.50
Production (1000 MF)	6123.11	9939.86	14616.13	16508.44	17787.64	18471.78	18813.85
Production in GDP (1000 MI/year)	7201.40	8431.00	9836.00	11450.00	13310.00	15735.00	18818.00

Table 4-36 LIST OF NATIONAL IRRIGATION SYSTEMS AS OF 1996 (1/2)

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SYSTEM	WRR*	Province Served	No. of Systems	Service Ares (ba)	Actual I Wet	reigaleo Area Des			g latensity (
legion 1	17(K'	B34134C	3) 50 105	Area (ha)		<u>Doy</u>	Total	Wa	Ռոյ	Total
Ngno-Sinucalan	m	Pangasinan	2	12130	7046	5000	12045	58.09	41.22	99
Anihayean-Dipulo	111	Paneasinan	3	6302	3250	792	4042	51 57	12.57	
กเป็นกรรมท	ı	Latinica	1	3420	3250	2590	5840	95.03	25.73	170
ocos None	1	Bocos Note	8	6175	5038	424)	9278	81.59	68.66	150
ocos Sur	1	Bocos Sur	3	3840	3370	1238	4608	\$7,75	32.24	125
ower Agno Fotonuguen	111	Paogasinan	1	7500	3772	2025	5797	\$0,29	27.60	22
lasatip	1	La Union	i	1585	1300	716	2016	82 (02	45.17	
an Fabian-Damaloc	111	Pangasinan	2	3591	2395	1357	3782			127
ubtotal		a molectory	21	44546	29431	17988	47409	66.64	38.50	105
egion 2		······		100	27-01		47409	66.03	10.38	106
butog-Apayao-Pampiona	я	Cagayo Anyyas	2	10895	4500	5032	9532	41 10		
36839	11	Cagayan	1	1912	1020	1481		41.30	45.19	81
មាល់ទំនាក ក្នុងអ្នក	n	-					2501	.6.9	81.73	13
		Cagoyon	1	1087	(8)	900	167ŭ	62,56	91.08	15
5113	;]	Cazayan	1	1353	452	746	1198	33,4)	55.14	8
արչերուը	11	Cagayan	I.	1502	962	1385	2317	64.65	92.21	45
APIS	lî	Cagayan	1	2306	950	1300	2280	42.50	56.37	9
ower Chico	и	Cagayan	1	1856	1226	895	2121	66.06	48.22	н
agupit	8	Cagayan	1	7500	3730	7170	10900	49,73	95.60	14
attig	11	Isabela	1	2427						
-					1370	1480	28.50	56.45	60.95	п
ARHS District L	11	sabela	I.	24654	1\$662	1\$092	37641	77.58	78.91	1
ARDS District II	П	Isabeia	ł.	24468	21995	21947	43942	\$9.59	89.70	17
ARHS District HI	11	Isabela Ifagao	t	24793	1576.	16539	33502	67.61	66.71	13
ARHS District IV	u –	Isabela	1	24087	17597	17756	35353	73.06	73.72	1
n Publo-Cabagan	я	Isabela	ı	1273	685	696	1382	53.89	54.67	10
lana-Tuguegarao	л	Cagayan	7	1900	679	507	1156			
nacanauan Nacanauan	1	Cagayan	1	\$50	460			67.90	50.70	1
		-				-461	921	52 27	52.39	10
หกรบโตย์	н	Isabela	I	3615	1651	2253	3904	45.67	62.32	10
oper Chico (CAR)	il –	Kalioga Apiyao-Isibelu)	17551	9689	9600	19589	55,20	51.70	10
ເຫັນຈຸດເຮັດມ	11	Cagayan	1	2045	1869	1869	3738	91,30	91.39	1
btətəl			20	154504	104971	111089	216060	67.94	71.90	1.
gion 3										
4699	10	Zandrales	I.	1231	No operation					
ngat-Maasim	111	Bulacan			•					
-			1	31485	21555	26-té- t	48019	68.46	84.65	12
amiling	m	Tarlac	ŀ	\$600	6776	3250	\$0026	78.79	37.79	11
elo Caulaman	113	Bathan Pampanga	2	1427	400	483	\$83	28.03	33.85	(
ayom Bayto	BI -	Zambales	2	1918	1650	1625	3275	84,70	\$3.42	14
E.PIS	181	Nuevo Ecija	1	1313			0			
tə, Tomas	т	Zambules	t	3934	No operation					
ASMORIS	UI -	Tarlac	2	13976	No operation					
orac-Gumain	111	Рапиралев	-	4405	1033	2554	7505	N 1		
PRHS Dispict I							3585	23.41		5
	111	Noeva Ecijo	3	24962	20616	16577	37193	82.59	66.43	
PRHS District II	14	Noeva Ecija	3	23913	22682	13063	35745	94.85	5463	1-
PRHS District III	HI	Ngeya Ecija	1	29846	20564	16052	36616	68.90	\$3.78	13
PRHS District IV	101	Nueva Deija	ŧ	23511	17958	10809	28797	75.54	45.39	
btotal			16	176841	113262	90877	201119	66.30	53.19	1
rgion 4								000.0		
	IV	Quezon	t	1310						
205 - C		-		119	1119	(119	2238	100.00	100.90	
mnay-Patrick	IV.	Minders Occ.	1	2213	900	900	1800	40.67	40.67	f
aco Bucayao	W.	Mindero Or.	1	6327	3928	3469	7397	62.08	54.83	1
aguruy	IV	Mindora Occ.	1	3308	982	229	1211	29.69	6.92	
antingas	IV	Rombion	1	256	284	256	510	110.94	100.00	2
avite FLIS	IV	Cavite		13056	8425	3862	12287	64.38	29.51	
lisalit	ш	Aurora		485	320	380	700			
lan HL	in in							65.98	78.35	1
		Quezon	3	3,309	2520	2787	5307	76.15	81.22	10
aguna 1125	1V	Laguna	6	3250	2130	1894	4021	65.54	58.18	E
ostniau	417	Mindoro Occ.	E F	1504	1092	721	1723	66.62	47,94	1
Jalatgao-Batang-Batang	4 V	Polawan	2	3200	3 4 8 1	2517	6001	108.88	78.66	1
ta, María Mayor	IV.	Lagona	2	1773	975	991	1966	\$4.99	55.59	i
agbahan	IV.	MinMro Occ.	1	1005	653	653	1306	64.95	61.98	•
alico	IN	Balangas	I	886	826	825				
	IN IN	•					1652	93.23	93.23	ł
uta-Bansed		Mindoro Or.	2	3830	3343	3343	6685	87.28	87.28	I.
ta, Cruz MM8L	IV	Laguna	5	4977	3377	3180	6557	67.85	63.69	3.
lag-asawang Tubig	IV	Mindoro Or.	1	1700	400	665	1065	23.53	39.12	
shtotal			31	52228	34668	27789	62457	66.38	53.21	1
egion S		······································								
-	v	Comple - Fre	-				• •	_	-	
arit-Behi-Lalo		Camarines Sur	2	9720	4924	4493	9315	49.63	46 20	
agaycay	V .	Camarines Sur	1	1755	506	1400	1906	28.83	79.77	
laet-Talisay-Matogdon	v	Camprines Norte	2	2746	2580	2526	5106	93.95	91.99	1
ามกับอา-โรยหลอ-ประสงการการการการการการการการการการการการการก	v	Camarines Sur		3542	2775	2776	5551	78.35	78.37	
ibmanan-Cabusao	v	Camarine's Sur						10.33	10.21	1
	v				No Operation					
4NOH		Albay	4	1946	1943	1941	3894	99.85		ľ
uli-Bulan-San Francisco	v	Sorsogon	3	1200	950	850	1750	79.17		1
obtotal .			14	23412	13578	13934				

Table 4-36 LIST OF NATIONAL IRRIGATION SYSTEMS AS OF 1996 (2/2)

		Province	No. of	Senice	Actual	Inigated Area	(ha)	Croppi	ng Intensity (ፍ)
SYSTEM	WRR*	Seried	Systems	Area (ha)	Wet	Dg	Total	Wet	Dej	Total
Region 6										
Aganan Sti, Bachara	м	Foilo	2	8262	7662	3485	10547	\$5.43	42.18	127.66
Aklan Panakuyan	M	AMin	2	4816	4216	4216	8432	87.54	87.54	175.98
Bago	NI -	Negros Occ.	1	12700	9723	\$093	17816	76.56	63.72	140.28
Basotac Viejo	VI	Doile	1	1774	1400	983	2383	78.92	55.41	134.33
Jalaur-Suague	NI -	lleite	3	14160	11556	8550	20106	80.25	59.38	139.63
Manbusso	VI.	Capiz	í	1423	990	\$75	1868	69.57	61.70	
Pangiplan	vi	Negros Dec.	1	1775	957	910				131 27
Sibuloni-San Jose	VI	•					1597	53.92	.92.96	106.87
		Antique	1	5065	4375	3036	7411	\$5.38	59.94	146.32
Silvi on Tighenan	VI	llolo	1	2020	1654	550	2174	80,40	27.23	107.62
Subtolal				52235	41903	30731	72634	83.22	59.83	139.05
Region 7 & 8										
8.io	11	Nonheim Leyre	1	1917	1502	1795	3597	94.00	93.64	187.64
Binahoan-Tihak	111	Northern Leyte	4	6041	4116	4122	8238	{ 3.13	68.23	136.37
Mainit Pongso	VIII	Nonhem Leyte	2	2184	1760	1478	3238	80.59	67.67	148.26
Daguitan Guinarona	VIII	Nontiern Leyte	2	1456	750	683	1633	50.13	59.02	109.16
Bito	NHI -	Nonheim Leyte	1	1494	1332	1313	2645	94.40	93.05	187.46
Bahre-Ibawon Gibuga	VIII	Nonhein Leyte	+	\$715	1388	1273	2661	80.93	74.23	155.16
Hindung Hidongos Das-ay	VIII	NoSo. Leyte	2	1078	1075	1078				
Subtotal		and were egite	16	15842	12226	11942	2156	100.00	100.00	200
Region 9			10		12720	11942	24168	77.17	75.38	152.56
Dipola	٩X.	Micande Aus		1000					-	
•		Misamis Occ.	I .	1600	929	821	1750	58.06	51.31	109.33
Labungin nu	IX	Zambounga Sur	I	3195	2500	1966	416	78 25	61.53	139.78
Salog Ch. M. M.	IX	Zamboanga Sur	1	7224	5905	5600	31595	82 99	77.52	160.51
Sibuguey Valley	IX.	Zadibologa Sar	L	3143	2300	2310	4610	73.18	73.50	146.68
Sobtotal			4	15162	11724	10691	22421	17.32	70.55	147.88
Region 10										
Manopali	ХЛ	Bekkenon	1	4,195	1341	1627	29.38	29.83	37.02	66.85
Maleta	λH	Bekidning	ł	4062	1326	\$272	2598	32,64	31.31	63.96
Polangui	XB	Bakanon	1	\$547	8263	8336	16599	96.68	97.53	194.28
Roxas Kuya	XB	Reckibion	3	753	763	784	1547	101.33	104.12	205.44
Rugnan	λB	Lanno del Sar	i	2500	207	154	361	\$ 26	6.16	34.44
Subtotal			5	20257	11970	12173	24043	58.60	60.09	118.69
Region 11										115.02
ABahi	XII	South Cotabato		10430		<				
Baturg			1	10539	11970	6075	18045	\$13.58	57.64	\$73.22
	X	Davao del Norte	l.	3269	3197	3135	6332	97.80	95.90	193.7
Boayan	XI	South Cotabato	1	710	587	530	1117	82.68	74.65	157.32
Lasang	M	Davao del Norte	1	4150	4373	4432	\$\$05	55 27	99.60	197.87
Lupoa	Xt	Davao Oriental	1	2131	2245	2245	4190	105.35	105.35	210.7
Padada	M	Davao del Sur	1	3512	3529	3,393	6922	100.48	96.61	197.1
Saug	Xt	Davao del Norte	1	2941	3003	2625	5628	102.11	\$9.26	191.36
Silway	NI	South Cotabato	1	1406	1246	1225	2471	88.62	87.13	175.75
Banga-Martel	XΠ	South Cotabato	3	5157	5315	4-12%	9743	103.06	55.85	
Libaganon	XI	Davao del None		7093	10726	\$338	19064			158.93
Saug-Libuganon	XI	Davao del Norte		479				151.22	117.55	268.77
	X1 X1				469	500	969 N.C.	97.91	104.38	202.1
Dumagait Landau nea		South Cotabato	1	2,300	1361	1.300	2661	59.17	\$6.52	115.7
Lambayoog Kasultu	X11	South Cotabato	1	11033	16139	4033	14172	91.90	36.55	\$28.45
Kapaliku	N	Duvao del None	1	1500	2359	1797	4156	157.27	119.80	277.07
Mal	XI	Duvao del Sur	3	2509	2568	2584	\$152	102.35	102.99	205.34
Subtotal				59029	63087	\$(6.4)	109727	106.87	79.01	185.85
Region 12										
Allah 2 - Lambayong	NH	South Courbato	1							
Kabatun Pagalungan	XII	No. Cota - Maguindanuo	2	5618	4409	4395	8795	87.68	87.58	175.27
Libungan	ХH	No. Cola - Maguindanao	ı	9.360	8799	5596	14395	91.01	59.79	153.79
Malasila	XII	North Celabata	ţ	4066	3360	3193	6553	83.87	79.71	163.55
Milang	XII	North Cotabato	1	2981	2100	1913	4013	70.45		
Tatayan	<u>xu</u>	Maguindanao	1	700	35				64,17	134.62
Maranderg	X0 X0	Lasao del Norte				.158	.393	5.00	51.14	56.14
-			1	4500	1466	3437	6903	77.02	76.3	153.4
Abp	XB	Magaindaran	1	2300	2233	1855	4088	97.09	80.65	177.7
Subtotal			9	25865	24395	20747	45140	81.51	71.58	156.35
CARAGA				,						
Andanan	х	Agusan del sur	1	3416	3096	3106	6202	90.63	90.93	181.50
Cabadharan	х	Agusan del Norte	2	3212	2100	1932	4032	65.38	60.15	125.5
Canalun	X3	Surigao del Sar		1756	1496	1500	2996			
Gibong	x	Agusan del Sar	1					83.76	83.99	167.7
Simulao	x			2156	2116	2156	4272	98.14	100.00	198.14
		Agusan del Sur Sucias a del Sur	1	2119	2180	2207	4387	102.88	104.15	207.0
Tago	X)	Surigao del Sor	I	2202	2345	5101	4449	105.49	95.55	202-04
Subiotal			, ,	14891	13333	13005	263.58	89.54	87.33	176.83
TOTAL			173	651832	47.4435	407612	882048	72.79	62.54	135.3

Source: National Imigation Administration

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REN. PROVINCE		Norwhere -	JFFIRMENT APON (hu)	rea (ha)		SULVAN	Irrigated Acta (hu)	via (hui)		Survey.	Irriguted Area (hat)	in (hu)		Survice	Irregulad Arva (ha)	a (hu)	Wei	i.	Textual
REGION	Needback	Acea (hi)	Wei	A-K(Number	Artis (Nu)	Wet	Å.	MILLIN	Arruthui	Wet	ž	Number	Arru (hi)	We	ž			
Abra	45	A.651.00	1,860,00	1,8,40,00	2	00'619	388.00	50°.985	CXI	6.523,000	7,762.00	6,075,00	i	17,827,00	10.010.00	8,477,00	79.67	66.08	141.70
Fich years	J	00"986"1	00702171	1,238,00 -	3	007111	1245.00	1264.00	0.7	3,549.00	2,981.00	1,200.00	800	6,479,00	5,419.00	3,862.00	49 (A	19.61	1111
I HOUSE , MORE	66	3,829,00	0010010	2,074,00	14.	12111.00	00.979.11	4174.00	410	14,121,00	13,918.00	A.550.00	206	20,641,00	29.286.00	9.508.00	07.47	31.63	69
Heres Nor	₽.	2,407.00	2.069.00	614.00	25	(0°-1-00)	4475.00	681.00	ē	A, \$98.00	3,916.00	617.00	F.	12.869.00	10,411,00	00.226.1	8 9	8.1	1.1.1
La Union		00'516'2	2,214,00	1,750,00	111	5076.00	4279,00	00 81 11	¥1	1,442,00	247.00	2,00	ត្ត	9,473,00	6,704.00	4,539,00	1.40	4.02	N-611
TOTAL	22	00'N07'F1	10,712,00	7,076.00	457	75044.00	22554.00	07×5.00	51	12,243,00	24,424,00	11,443,00	950 1	71,705,00	62,090.00	24,104,00	9. %	39.47	5
() ALBRUCK	**	8	01.0	0.30	°	0.00	86	0.00	۰			,	·•	25,00	0.30	0.00	1.20	27 1	4
Gagayan	8	8,143,00	4,792.00	00.62.5	5	5,184.00	2477.00	2197.00	5	5,544,00	\$252.00	4.803.00	681	00.170.01	12,581.00	00.775.01	6, 97	90.09	19.75
Ifugao	2	2,299.00	00-155-1	1,741,00	12	90.00	00.844	475.00	114	0070170	1,789.00	1,826,00	121	6.412.00	3.685.00	3.642.00	92°55	19:92	16711
i salada	26	3,500,00	00,297,00	00:001"1	٢	670,00	200:00	00'90'	=	1,941.00	585.00	210.00	29	6,111,00	2,670.00	1.445.00	49°2	1.6.	\$7.74
5 plinga-Apayao	1	2, 8,34,00	1,226,00	1,102.00	5	481.00	415.00	N77.00	1 dX	6.312.00	4,582.00	3,679,00	<u>8</u>	9,632,00	67.M.G	5,158,00	64 G	99'YS	H.F.H.; 1
Nucva Virz'aya	P.	6,001.00	5,226,00	00'846'2	R.	2342.00	1847.00	1704.00	201	15,168,00	12,296.00	00,460,11	255	00'109'12	15,469,00	17,760.00	82.49	12.24	12.23
Quinko	34	00,774,5	00/168	RH7.00	ž	00'9461	519,00	00100	¢.	442.00	367.00	74.00	8	4175.00	1,777.00	1,815,00	42.97	47.89	14.87
Mt. Province	111	2,946.00	2,745,00	2,578.00	67	636.00	627.00	636.00	761	4,318.00	4,149.00	4,318,00	ý	7,902.00	2,541,00	7.50.00	0. ¥	21.70	1 90.62
TOTAL	ia.	24, 703, 00	14 006.30	01/01/01	001	11545.00	6211.00	6132.00	1367	16.947.00	29,230,00	76,754,00	LN7K	74.911.00	\$1,067.70	47,609.10	70.17	81.4	10.01
Autora	61	4,314.00	2,0%6,00	00'9'0')		1000.00	980.00	00.000	15	5, 5, 4, 00	2,764.00	1,756,00	ę.	11,058,00	5,470,00	4.672.00	49,10	42.25	91.34
(iteration	¥.	00.819.1	1,647.00	1.307.00	a	0010570	2,00,00	00147402	R	1.457.00	1,406.00	885.00	54	0.644,00	\$,796.00	4.437.00	64.18	H-80	4-251
Elerny united	E.	477.00	CO.8(~;	714.00	ě.	003:00	1.099.00	00.000	136	2,175,00	1,978.00	1,020.00	512	00.545.4	7,865.00	2,676.00	¥0'16	61.04	60771
isulatan	9 [.245,00	00'510	4 KH. 00	5	4729.00	1525.00	1112.00	**	41.00	35.00	15.00	ii)	6,015,00	001:0513	1.615.00	11,64	20.54	97 ¥9
Nurva Ectya	52	11,505.00	8.215.00	4,620,00	61	00'0%**	1975.00	1145.00	47	001656,01	7,780.00	0.434	5	00.056.45	17.670.00	7,290.00	72.41	20.06	101.04
eri wechurees	44	5,4165.00	1,824,00	1.332.00	1.8	16909.00	00 (11)	41904-00	••	00'66W	250.00	00.001	81	00,497,252	7,446.00	6,7%5.00	A2.84	28.72	60.09
Panpavitan	6.1	00"044"01	00112216	4,767.00	117	45928,00	34743.00	00'99641	z	001101/01	8,249.00	2,877.00	454	69,432,00	871278	22,155,00	71, 20	1011	107.11
1'arriay	¢1	5,966.00	3,134,00	1,550,00	×	3116,00	02000	765.00	2	5,501.00	A.288.00	1,521,00	5	1.581.00	7_76.00	3,876,00	50.50	N.N.	76.67
Zamhaics	20	2,651.60	1.762.00	941.00	2	4783.00	10.00	00.100	2	347.00	198.00	00°F11	87	7.277.00	2,476,00	1,726.00	9 FC	22	619) (11)
TOTAL.	265	47,824,00	28,706,00	17,281,00	14947	N2343.00	8011505	27743-00	ş	00.7H.I.M	25,148,00	00 66416	1551	00:002:491	104,4,14,00	M.H6N 00	4° 77	10.1	5
(iatanpar	1.2	1,516.00	1,147.00	00.6%0.1	2	\$19.00	401.00	401.00	<u>۲</u>	64.9.00	697.00	00,003	54	2,724,00	2.217.00	2,109.00	64. HS	72.42	J.×H.,H.
Cavite	F.	124.00	110.00	N0:00	•1	182.00	182.00	182.00	\$				•	200011	292.00	212.00	94.19	44 FL	10.001
Laguna	34	1,867,00	1,765.00	00.019.1	0	00.029	832.00	81.68	63	2,074.00	2.074.00	2,078,00	õ	4.574.00	4,275.00	4,449.00	95.65	16.16	-
Mannuluque	9 1	00.110	274,00	207.00		26.00	0.0	0.0	•	89°80		•	1	8	275.00	207.02	9 I 1	54 ES	7, 8, 8
ne neje.j	1	7,642,00	2,124.00	1,428,00	Ċ	26440.00	00/6511	817.00	.	617.00	189.00	189,00	\$	00.401.11	A.674.00	8 H T	10.11		
Queron	3	2.729.00	2.292.00	2,157.00	£	17,17,00	1374.00	1046.00	2	5,146.00	4,034,00	3,461,00	<u></u>	9,632,00	5,500.00	7,114,00		¥ 1	51-1-01 1-0-1-01
Minutono Omenual	ţ.	4,930.00	00145570	2,307,00	×	a169.00	0:00	8.8	4	5,200.00	00.001.5	007667	8 :	14.779.00	8,706.00	00'ees't	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
MindonyOcculyntal	0	.72%.00	2.972.00	1,715,00	e.	172.00	00'0r 1	88	7 , •	4,475.00	2,218,00	00.000.1	2.3			00.0044.1	2 2		
Kurat	F.	1,656.00	1.00%00.1	204.00	ž,	0.99(1)	00.001	8) and	, c		. :		5	00 m C	00-10-1	w 090	10.11		11100
Komblon		00,4451,1	877	00769	ø	744.00	212.00	8 2	- <u>;</u>	00.77	8 22 23	8 2 2	2 5	0.417.00		007.0A		16.46	
TOTAL		26,4/81,00	16.168.00	12.120.00	1	00782121	OUTION'S	4 107.00	<u>.</u> ;;	000100		COVINSION 1	T-M	10100	72.442.00	17.837.00	11 40	19.94	12.4.1
Viray	5	001001	00 CM3	007101W	1	000000	00.00001	14.00		00.07	07.00	00 10	ē	1,186,00	NOT OO	748,00	51 Y.	NP-12	4K.X7
Canadraw Sur	601	15.101.00	80,180,2	00.245	ः न	20 N.N.	00.000	1044-00	47	10,710	007199721	0.747.00	i i	37,369.00	21,816,00	14,193,00	36,36	X9.0X	3.8
Catanduanes		00'261'1	SNA 00	00'111	1	105.00	2.8	10:00	0				÷	00152201	563.00	744.00	13.67	01.02	1971
Machau	Ā	00110011	516.00	402.00	•	201100	45.00	30.00	£11	2.317.00	001011	120,121	(11)	00.279,6	K71.00	613,00	14 P.	(† 1) 1	2.12
Proposition of the second s	7	00110310	2.547.00	2,419,00	Ē	1742.00	00'00'	0.0	103	00'(r6'î	•	•	178 1	N_NO.00	3,129,00	00.614.5	1 P.	10.43	NG 3 ⁶
TOTAL.	160	24,621.00	13.705.00	00 101-01	41/41	AND 30	22742.00	InHOS 00	Cat	00:012:02	00 MID 1	7.075.00	1.11	x4.142.00	49,600,00	00.445.W	101	41.92	02.08
Aktan	26	2.24K.00	1,512,60	00'551'1	0	0.00	800	0.0	•	•	• ;	•	78	2,748,00	1.12.00	00'000'1	\$2.59 62.59	60.2%	
Antique	2	4, 76, 00	1,×17,00	0.695.0	1	1118.00	751.00	82.00	¥¥	A. 107.00	2,840,000	00.14	2	0.07116.1	1,432,000	6.404.00	1. T. T.	•	
Capie.	24	2,413,00	00.000,1	+26.00	c	0.00	8	0.00	•			-	£ 1	2,413.00	00:0001	82000 1 - 20 00		() 1 1 1	
HONO & CAUMATAN	덯	4.602.00	2,445,00	00"674"1	0	679.00	200,000	80.09	~ '	7*(97.00	007/11	8	<u>8</u> ;	10°04/7	001167	0076717		1	
Netros Ones	ž.	2.174.00	1,225,00	00.11.21	0	000	0.00	0.0	o •	•		, .	•	00.611.2	0000701	0011021			
V-arts ()					-														

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	THRICA
OF 1996 (2/2)	TOTAL TATALAN
EXISTING COMMUNAL IRRIGATION SYSTEMS AS OF 1996 (2/2)	VONAMORU: & OTHER CONT ACENTY ANY PRIVATE VIVEYSMS PRIVATE VIVEYSMS
IXISTING COMMUNAL II	ANA ADVADE THOSE & OTHER COVER AGENCY
Table 4-37 E	SW913XS DNELLBOWY

	~		VICUNON V	A VOUTSTNC SYNTRMS		A-1 (1)	ATT A LYCE													
XIX	PROVINCE		Nervice	ferrigation Area that	ru (has		Nerv	Newson Industry (ha)	(fie)		Service	Irrigated Artis (Au)	ti fagi		Party.	terignated Area (has	u (hu)	Wite	с.	land.
RECION		Number	Ares (hu)	Wei		Nember	Arris (ha)	Wet	Dev Nu	Number A	Area (hai	Wet	- 1	Number	Area (ha)	Wet	1			
	Bohol	4	5,179,00	2,999.00	2,431,00	2	2249.00	1.573.00	214.00	10	2,098,00	00*917.1	KK0.00	¥C;	4.526.00	6,018.00	4,429,00	8	41.45	12,82
	(tehu	44	00'940'V	00'162'1	OD GNL 1	۴.	00°N9	0.0	00.0	٣	90.18		00 ⁻ 17	9	00%2%10	00'141''1	00.00	10.46	4 9	NO OH
UA I	Negros Orc.	7	407,00	66.00	10.00	e	0.00	0.00	0.00	0					80 °26	83	N0:00	8	1. 1	47.1
	Negros Or	20	100,001.4	2,425,00	7,798.00	£	710.00	00'545	400.00	2	00'011	00:021	20.04	ş	5,440.00	A,710.00	1,478,00	02790		
	NUMBER	σ,	00'900	47.00	00 06	2	0.00.00	00.345	72.00	•		•		2	47.Q	8.50	162.00	41.04	74,84	70.11
	TOTAL	ŝ	13,847 (0)	00,476,7	7,1%4.00	601	1147.00	2746-00	1190.00	121	2 519.00	2,064,00	00 IQ.''I	ž	14,553,00	11,160.00	0.649.00	12.33	72	10%
	Northern Level & Bilinan	2	K,116,00	2.633.00	2,529,00	95	10243.00	4721.00	3×57,00	ĹŦ	4,312.00	2.704.00	00.0361	[4]	22.671,00	9,776,00	00'14'1'8	8.4	1.1	70.00
	Soutem Levic	9	2.771.00	2,045,00	00,000,1	۶.	0011121	00/6×4	6R7.00	ş	60'619	00'WF	00'04'6	5	00100	00.711.0	2.022.00	12.14	99.99K	ī,
NB1	Eatern Namer	5.	1,260.00	699.00	345.00	بخر	60.00	00.215	90.64	0	,			59	00.0001	00110	4.N0.00	4.140	4	13
		. =	00 14 72	307.00	248.00	닾	455.00	146.00	30.02	a		,		4	2,449.00	453.00	248.00	15.64	¥2.0	34.92
		; F	161100	00.111	321.00	0	0.0	0:00	80	0				ñ,	0011001	80 142	001126	20.27	322	10.01
) <u>5</u>	16,214,00	6 2 1 5 M	AAH.00	5	12748 00	SOTH OD	00 (sm)tr	5	4,011.00	2,617,00	2,200.00	101	00 108'11	14,700.00	12,416.00	P7 17	14.61	10.04
		ſ	00 A91	00 01 1	130.60	°	0:0	00.0	0.0	•			•	~	1%0.00	1 30.00	130.00	64'49	60°.00	NC /NE
		• 5	1 1564 00	1,010.00	2,993,00	x	1443.00	1443.00	144.00	v.	115.00	00%11	001411	57	5,116,00	4, Snk.00	4,551.00	N9.25	83.96	17K 24
	states compared	Ċ				ç	0.00	00'0	0:00	0				¢				•		•
	Tanı. Tauri	• c		,		0	000	0.00	0.0	ç			•	0	ł			,		•
	Tambasas Kosa	, <u>,</u>	144.00	1 11100	2,041,00	þ	0.00	000	00'0	٥	,	•		15	5,344.00	00.656.5	2,981,00	21.25	22.22	12.75
	Tombourne Nur	. 7	0 00000	0.474.0	5.027.00	¥	17,14,00	1014.00	915.00	9	00.279.1	1,312,00	00.045.1	921	12,590.00	8,700.00	7.291.00	67.49	2	124.00
	TOTAL.	1 2	19.268.00	12.×27.00	00 TV TV	8	3181.00	2457.00	00 456	16	2 047.00	00 (116')	1,414.00	174	23,536.00	17.211.00	14,051,00	14 ° 11	11.19	1 16.74
	Aguson Norte	đ	2.688.00	1,505.00	916.00	2	1022.00	0:0	0.00	2	900.000	•		74	00:045	00'505'1	916.00	20.72	16.45	40
	AFUSOR Sur	. 11	2,400.00	001.08	00.009	2	1510.00	6-18-00	001.00	14	1.615.00	167.00		ç	00 5 19 5	1,576,00	976.00	28.07	80.01	5 W S
	Puit references	٢	2.010.00	452.00	0.001	c)	00.49	0.00	60°CV	э				•	2,105.00	452.00	422.00	21.47	20.02	41.52
	Campina -	¢	171.00	140.00	161.00	۳.	125.00	0.00	0.00	-	0.0	10.00	10,00	<u>~</u> :	201100	120.00	121,00	91° 11	33.66	e
	Davad Nomerus		2,491.00	1,458.00	1.447.00	0	0.0	000	80	7	785.00	640.00	00:089	ē.	00.072.5	2,168.00	1,127.00	oc.18	6.6	14.141
	Misamus Onenial	24	1.228.00	741,00	901.06	٢	00.084	23.00	23,00	-	00'0x	00:0k	40.00	2	1,791.00	644.00	00,005	49.36	85.15	102.74
	Nurrao None	3	2,987.00	1,472,00	1,426,00	÷.	2073.00	1702.00	1050.00	5	00755	00746	70.00	£01	5,644,00	7,571,00	2,196.00	63.61	94 F	101.07
	TOTAL	X	14,767.00	6,519.00	\$,XX7.00	5	6209.00	2173.00	1472.00	F.H	1,001.00	1.634.00	7:0:00	111	24,479,60	10.326.00	R.064.00	42.18	100	12
	Davish North***	×	1.028.00	681.00	671.00	2	3130.00	2067.00	2027.00	07	00111216	2,512.00	2,405,00	40	00'00 11 L	5,260.00	111.00	70.42	68.72	1.01
	Orven Onenial		405.00	600,009	565,00	ē	235.00	0.0	0.0	-	20.00	20.00	20.00	£	2,160,00	629.00	89.694	21.12	60 %	2.9
	Tax Tax	24	6,715.00	5.483.00	5,289.00	ā	17.6.00	00'F-98	X29.00	16	4,407.00	1.180.00	00'001'1	Ş	12,878,00	7.527.00	7,218.00	17.7	¥0.04	9771
	Summan sur	. x	011.00	852.00	00°669	•	0.00	0.00	0.00	0			•	5	00 116	x52.00	007.00	24.76	1011	2
	Nouth Colabater **	4	4,872,00	0,18,00	2,628,00	0	0,00	0:00	0,00	0	•			74	4,672,00	00'811'	2,628,00	83	また	117 44
	TOTAL	26	16.972.00	10,743.00	0,848.00	ų,	2011/202	00'1462	2456.00	L1	7.738.00	3.712.60	3,454,00	172	00.192.07	17.386.00	14,249,00	17 40	51.6%	111.07
ł	Rutulnontee	12	4,495.00	3,142,00	00:0000	2	00'74'8	145.00	00.515	к	00'15'2	ł	0721571	3	00'9 to'L	A.2KJ.00	\$ 202.00	41.52	61.72	107.24
	Lanao del Norte	2	7,274,00	00'06 I'S	0,070,00	4	001116	46.1,00	00'Fúi	5	1,168.00	92u.00	814.00	70	00102475	6.579.00	00112578	20.14	17 X	04.811
	Lana, del Sur	6	1.237.00	007.099	402:00	•	00/0	0.0	0.00	•	•			¢	1,227,00	647.00	402.00	200	32.50	2.2
	Maguindanao	57	8,690.00	3.657.00	2,450.00	×	490.00	00%11	20.00	4	325.00		•	9	0,375,00	1772.00	2.470.00	12.04	9792 1	7. S
	North Cotabato	4	00'668'V	4,723.00	3,623,00	11	00'1221	0.0	0:00	2	2,074.00	940.00	80.09	2	9,744,00	5,263.00	1,528,00	5	17.64	100.46
	Suitan Kudarat	30	9,789.00	00'1466'9	5,060.00	15	1511.00	00	190.00	•	1,526,00	1,200.00	00,530,1	9.	12,808,00	5,194,00	00%10'0	67.67	40.15	10
	South Cotabato***	51	21,747.00	00'000'1	1,446.00	2	1660.00	00/111	8 7 8	<u>च</u>	2,004.00	1,145,00	\$3B.00	Ş	6,411.00	3,×60.00	2,458,00	17 00	14.14	60.05
	TOTAL	(6)	40.177.00	25.946.00	19,404.00	36	7209.00	1445.00	1683.00	ş	9,560,00	4,711.00	4,839.00	125	No.896.00	AL:602.00	25,926.00	1.2	1	101.11
e e	CUAND TOTAL	19(2	201,470,00	05,040,761	131,585,361	1151	247042.00	120476.001	KIM66,00	NCSL	16,516,60	130.744.00	N2.45K.0U	1116	00787917129	424,943,340	01,509,30	11.14	47.69	57 52 52

C R A V D T OT AL. 2.W. 201.471.06 10.2.31 ***Province divided by water reporters repoin Irrgation Internity, S = Trail Irrgated Area (Wri + Dry) / Total Service Area v 100 Data do sof include individual pump Source: National Impsion Administration

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& BSI	
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LAS TO BE DEVELOPED BY NIA & B	
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: NEW IRRIGATION AREAS TO BE DEVELOPED BY NIA & BSWM (1/3)	
Table 4-38	

WATTER RESOURCESS		ENISTING										
REGION /PROVINCE	IKRIGABLE	ARKA			I MAN	RIGATION	AREASTOT	NEW IRRIGATION AREAS TO BE DEVELOPED BY NIA & BOWM	D BY NA &	RAWA		
	AREA	19%6	1007	¥661	661	802	2001	2002	2003	7007	1905	2009
400 A	0.07271	025061	0110	0101	00.615	414 D	750	611	0.515	1001	CHE	404.0
	0.04101	0.0072.0		0.00				<u>1</u>	200			
BENGUET	6713.0	6480.0	1,54,0	0.00	0.0	0.0	0	٢	0.0	0.0	C	0.0
ILOCOS NORTE	49660.0	37630.5	300.0	17.0	24.00	0.0	0	<u>8</u>	1200.0	1500.0	2000	2000.0
ILOCOS SUR	30034.0	17530.0	0.6611	170%.0	00'60X	1367.0	1042	1920	2474.0	1,480.0	60	0.12
LA UNION	17067.0	0.15531	760.0	218.0	390.00	368.0	0	0	0.0	0.0	0	0.0
TOTAL	0'712021	5740608	2700.0	0.255.0	1539.0	2149.0	0,1061	2704.0	4004.0	3716.0	0.5442	2455.0
1												
BATANES	225.0	25.0	0.0	200.0	00:0	0.0	0	0	0.0	0.0	0	0.0
CAGAYAN	147280,0	49401.0	2746.0	0'0152	1924,00	1922.0	1014	1042	1,070.0	1070.0	1:27	0.5311
IFUGAO	19410.0	7117.0	445.0	96.0	12X.00	250.0	269	344	365.0	371.0	407	432.0
ISABILA	252870.0	120916.5	1230.0	1844.0	3976.00	3204.0	1014	1042	1070.0	1070.0	1127	1155.0
KALINGA -APAYAO	47660.0	21001.8	0.0LE	4377.0	2593.00	387.0	269	364	305.0	396.0	53	431.0
MT, PROVINCE	0.90201	7942,0	721.0	0.0801	450.00	0.0	•	65	70.0	70.0	55	50.0
NUEVA VEZCAYA	0.02231	24217.0	1389,0	671.0	00.063	146.0	1014	1042	1070.0	2070.0	2627	0~33 <i>0</i> 10
QUIRINO	0.07972	4536.0	1233.0	0.009	1976,00	2010.0	F101	1042	1070.0	0.0701	1127	0.35.0
TOTAL	0'111055	235246.3	0.440%	0.61211	11686.0	8414.0	4594.0	0.1494	\$110.0	6117.0	0.298.0	90.33.0
11	-											
AURORA	16630.0	11847.0	0.161	0.621	445.00	93.0	148	[7]	158.0	158.0	691	1,70,0
BATAAN	11520,0	078187	1172.0	480.0	480.00	0.711	212	241	259.0	2.69.0	232	0.0
BENGUET***	4301.0	4301.0	0.0	0.0	0.00	0.0	0	0	0.0	0.0	¢	0.0
BULACAN	51970.0	35704.5	714.0	0.085	480,00	0.172	111 111	174	0.62	259.0	191	316.0
NURVA ISCUA	208640.0	91121021	0.460	871.0	\$269.00	0.204%	NC 18	31646	0.63551	3259.0	5297	6316.0
PAMPANGA	57370.6	45035.6	2272.0	2X30.0	3333.00	4955.0	0	0	0.0	0.0	Ċ	0.0
PANGASINAN	180500.0	9766586	1052.0	1606.0	857.00	3430.0	3042	3580	4117,0	6117.0	18195	2K15.0
TARLAC	114530.0	7.21,705	2134.0	526.0	452.00	0.0001	2002	241	2:9:0	259.0	297	316.0
ZAMBALES	38200.0	14418,9	2051.0	460.0	452.00	203.0	2402	1146	259.0	259.0	202	316.0
TOTAL.	97199589	9.904275	10580.0	0.285.	11768.0	19260.0	16476.0	0.16271	20670.0	10570.0	0'20%72	10249.0
1												
BATANGAS	9260.0	3753.5	440.0	185.0	241.00	344.0	148	60C	2160.0	0'0'1	133	0.11
CAVITE	23760.0	13414.0	0.191	71.0	X0.0X	0.10	S 7 1	ŝ	110.0	110.0	185	0.001
LAGUNA	27510.0	0.0101-1	300.0	176.0	N22X.00	0.001	148	86	110.0	110.0	133	0'77'
MARINDUQUE	2140.0	1020.0	176.0	57.0	60.00	74.0	877	8	1:0.0	0.011	133	144.0
MINDORO OCC.	56170.0	22374.0	326.0	681.0	263.00	0.116	148	8	110.0	1 10.0	130	144.0
MINDORO OR,	56710.0	20307.0	0.082	\$7.0	60.00	69.0	14%	8	10.0	1:0.0	133	226.0
PALAWAN	28610.0	14357.0	620.0	1659.0	675.00	0.04-5	51	661	220.0	0.011	5:2	201.02
QUEZON	27×50.0	: 4743.0	521.0	338.0	N0.00	0.%6	¥7-1	8	110.0	110.0	121	0.54
RIZAL	9330.0	3312.0	234.0	57.0	144.00	0.691	14%	8	110.0	110:0	1.13	0'147'
KOMBLON	5570.0	0.0%61	430.0	176.0	229.00	170.0	<u></u>	169	110.0	0.011	133	0,44,0

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(EV	Table 4-38 NEW	Table 4-38 NEW IRRIGATION AREAS TO BE DEVELOPED BY NIA & BSWM (23)
	Table 4-38	VEW I

WATER RESOURCES	POTENTIAL POTENTIAL	ENISTING			T WHY	RIGATION	AREASTOR	NEW IRRIGATION AREAS TO RE DEVERAPED BY NIA & RSWM	AD BY NIA &	MMSB		
RECION PROVINCE	AREA	1990	2061	8941	1949	2000	2001	2002	2003	1002	2005	2006
~								1	0.567	478.0	\$10	520.0
ALBAY	54620.0	0.1253.0	267.0	324.0	384.00	361.0	33.5	¢ 7	2 H / H	0.001		Adv.
STACK NAVIANNA	225/000	6084.0	0.636	720.0	541.00	548.0	585	467	865	0,846	47 C	
CAURING ALL ADDA D	0.00001	\$ 05055	603.0	550.0	703.00	841.0	383	407	1533	2533.0	2552	0000
	00000		10.00	4140	1X4 00	283.0	0	0	0.0	0.0	0	0.0
CATANDUANEN	0.0772	0.0001	0.00	0.025	QU FXL	361.0	283	£01	428.0	428.0	474	496.0
MASBATE	19630.0	0.01040		0.645	2003	463.0	383	407	428.0	428.0	524	554.0
NORSOCON TOTAL	0.00141	5685711	01/SPC	2971.0	2865.0	07262	0'5161	1225.0	3365.0	4365.0	4586.0	7672.0
11						ĺ						
VI A PT A N	105:00	0.0547	491.0	0,000	699.00	535.0	200	0	0.0	0.0	0	100.0
	0.0000	\$ \$065	745.0	926.0	813.00	872.0	618	101	цх Х	633.0	4 8	(983
ANRULE	0.07361	5 20-7	1203.0	807.0	716.00	715.0	518	175	(9)	563.0	Ş	631
	25140.0	14777.0	422.0	0.069	(00.00)	0.688	518	541	563.0	563.0	3109	0.3995
	000012	160155	724.0	1036.0	655.00	643.0	518	3	0.6385	4763.0	6414	10781.0
		0.634	0,000	180.0	0.00	0.0	0	<u>с</u>	0.0	0.0	o	0.0
NEGROS OK.	0717	F - COML	1789.0	1275.0	0.4846	0,0460,0	2672.0	2454.0	S717.0	6522.0	0'19511	17890.0
10176												
	0.00001	10762 6	5617.0	198.0	156.00	696.0	1234	1272	3109	3.09.0	385	5
BOHOL	0.0000	3606.0		0 112	00 191	372.0	234	242	309.0	313.0	100	0.0
CEBU	0,0010		00	0	12.00	0.4.0	c	85	0.06	0.0	0	0.0
NECKON OUC.	0.0001	78940	307.0	608.0	4%6,00	196.0	234	450	509,0	509.0	525	642.0
NEUKON OK K siquijor 	0.72753	2070.5	0.949.0	1192.0	0,287	1278.0	1702.0	2079.0	4017.0	0.1511	1010.0	1044.0
	100 - 10 - 10 - 10 - 10 - 10 - 10 - 10	4444										
VIII		2 2000	V 1.07	0.45	W AFY	0107	X74	633	1160	405.0	0.7	433
BILIRAN & Nonhem Leyte	5,5620.0	0.086.86	0.001	000		00	c	0	0	0.0	50	85 87
SOUTHERN LEYTE	5748.0	0,000,0		0,001	00 2 3 1	01113.0	80	202	0.0	0.0	0	75.0
FASTERN SAMAR	4070.0	2331.0	0.00		00,000,1	0.00	201	1.1	2335.0	1445.0	044	245.0
NORTHERN NAMAR	0.05601	3060.0	275.0	0.4.4	00.22 LT	0.640	₹ ş	992	1050	395.0	420	435.0
WESTERN SAMAR	8140.0	1686.0	443.0	319.0	7.52.00	0.000	84		C VUAL	03646	1120.0	1246.0
TOTAL	N450N.0	SOKIALS	1762.0	1923.0	0.9304	1590.0	0.142	0007007	N*04-01"			
IN						:	ć	~	00	00	c	¢
BASILAN	420.0	186.0	0.0	0.0	80	0.0	-	,	0.0			5
MISAMIS OCC.	6440.0	6130.0	87.0	0'501	118.00	0.0	0	5	с ,		> (> c
צוקדה	150.0	150.0	0.0	0.0	8:0	0.0	0	0	0	0.0	2	
TAWI-TAWI	0.11	0.11	0.0	0.0	0.00	0.0	0	0	0.0	0.0	o i	
VAMBOANDA NORTE	32310.0	0.40%2	406.0	558.0	425,00	0'866	381	438	494.0	494.0	679	0.447
VANDOANCA SUP	43770.0	28400.5	406.0	438.0	425.00	325.0	381	438	494.0	494.0	607	0.400

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NEW IRRIGATION AREAS TO BE DEVELOPED BY NIA & BSWM (3/3)
Table 4-38 NF

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WATER RESOURCES	POTENTIAL DOTENTIAL	ENISTING			I MAN	NULTION	8 OL NY ABY	Ido IAVAŭ S	NWAR & AIX VR (200 HV/20 38 OT 24 38 A VOIT ADIGGE WAY	RSWM		
	AREA	9661	1997	8661	1999	2000	2001	2002	2003	2004	2005	2006
AGUSAN NORTE	52490.0	9657.0	413,0	1224.0	450.00	1034.0	7658	505	542	542.0	685	612
AGUNAN SUR	56450.0	13578.0	383.0	0'361	209.00	513.0	1436	1554	492	592	629	659
BUKIDNON	7718.0	1378.7	0.0	0.0	200.005	500.0	1000	0	0.0	0.0	o	0.0
CAMIGUIN & MISAMIS OF	14000.0	2758.0	416.0	756.0	363,00	429,0	249	146	394.0	324.0	(6): (6):	437,0
DAVAO NORTE	17584.0	K628.5	206.0	194.0	167,00	284.0	30	60 1	441.0	241.0	366	458,0
SURIGAO DEL NORTE	13070.0	6530,0	368.0	0.071	189.00	461.0	436	1044	1078.0	1242.0	1299	577.0
TOTAL	161312.0	TUNNUT	1786.0	254K.0	1×78.0	0.1226	11085.0	AS7.0	3947.0	3141.0	3282.0	2723.0
N IN												
DAVAO NORTE===	80976.0	25650.0	139.0	100,0	0.00	0.0	0	8	1:0.0	110.0	98	80.0
DA VAO ORIENTAL	17770,0	4331.0	1034.0	194.0	167,00	284.0	Š	707 707	426	195	395	¥17
DAVAO SUK & Samagani	33280.0	0.10402	612.0	337.0	228.00	342.0	306	369	10 2	401	457	212
NOUTH COTABATO***	23135,0	6045.5	0.0	0.0	00'0	0'0	0	50	8	8	45	35
SURIGAO SUR	40290.0	702X.0	787.0	0'%61	00.00	486.U	476	464	264	49.	555	537
TOTAL	195451.0	63435.5	2576.0	X26.0	704.0	1112.0	1048.0	1387.0	1489.0	1414.0	1538.0	0"W051
XII												
BURIDNON***	79982.0	26367,0	456.0	1006.0	363.00	529.0	249	396	1534	2474	6055	205
LANAO DEL NORTE	18072.0	0.03551	2480.0	0.0001	00'0	0.0	0	8	8	8	\$	12
LANAO DEL SUR	47190.0	3927.0	485.0	530.0	575.00	877.0	1X36	1943	1804	1001	1133	6111
MAGUINDANAO	100110.0	14075.7	640.0	6245.0	2586.00	N51.0	836	1463	9251	6029	X147	6111
NORTH COLABATO	141360.0	31350.6	1491.0	1476.0	4203.00	7282.0	3106	1822	9470	6379	8492	1548
SOUTH COTABATO ***	77245.0	20695.0	353.0	237.0	228,00	357.0	90Y	329	151	12	38	418
SUUPAN KUDARAT	51X70.0	29863.5	50K.0	194.0	167.00	234.0	300	464	105	<u> 20</u>	115	115
TOTAL	SOAK29,0	140633,8	6413.0	10648.0	0.001X	10182.0	0.45.66	6467.0	11658.0	16798.0	0.82202	S250.0
GRAND TOTAL	5135469.6	1761203-1	0 61003	0 12023	0 1 3 0 4 S	CINNIS A	5101K 0	AX714 O	6,6712,6			0.111.0

§ (1/3)
: AREAS (1/3)
VEW IRRIGATION
IRRIG
NEW
Table 4-39

WATER RESOURCES	POTENTIAL EXISTING	EXISTING														
RECION /PROVINCE	IRRICABLE	AREA			NEW II	UNICATION.	AREAS TO B	S DEVELOPE	NEW IRRIGATION AREAS TO BE DEVELOPED BY NIA & BSWM	RSWM			PROJEC	THD NEW IKI	PROJECTED NEW IRRIGATION AREAS	FAN
	ARKA	966	2661	1 WX	1999	2000	1007	2002	2003	202	5005	ZCKXV	2010	5107	11-11-	
	0.047.41	011001	1110	0 EDI	316.00	414.0	692	314	0.511	0.04	<u>C</u> ME	0,404	0.57	113.0	113.0	0.611
	0.713.0	V4X00	0PLI	0.00	000	0.0	¢	0	0.0	0.0	0	0.0	0'0	0.0	0.0	0.0
	009908	2009L1	000	011	24.00	00	0	\$00	1200.0	1500.0	2000	2000.0	621.9	937.6	937.6	937.6
	10000	0.0537.0	01011	1708.0	X00.00	0.7651	1042	1920	2474.0	1 880,0	8	51.0	0.0	0.0	0.0	0,0
	0 2002 0	0 15251	0004	218.0	00.000	368.0	0	0	0:0	0.0	э	0.0	0'0	0.0	0.0	0.0
TOTAL	120214.0	5-4066N	2700.0	2235.0	0.9731	2149.0	1,401,0	2734.0	0.9004	3716.0	0.542	2455.0	\$7459	10.07	1050.6	1050.6
1						-		1				đ	¢ c	00	C C	9.9
BATANES	225.0	25.0	0.0	200.0	0.00	0.0	0	0	0.0	0.0	2	0.0	0.0			· • •
CAGAYAN	147280.0	0.10444	2746.0	0.6451	1924.00	1922.0	1014	1042	1070.0	1070.0	1127	1155.0	1.300.1	1 2 3 2 4	a 791/1	- 1197.
IFL/CAO	19410.0	7117.0	0.144	96.0	12K,00	250.0	269	144	365.0	0112	407	452,0	1272.7	1918.8	1918.8	:918,8
ISABELA	252870.0	120916.5	1230.0	844,0	3976.00	3204.0	1014	1042	1070.0	1970.0	1127	1155.0	1,5963.4	24067.4	24067,4	24067.4
KALINGA -APAYAO	47660.0	21091.8	330.0	4377.0	2,593,00	387.0	269	364	395.0	396.0	222	0.164	2300.4	3468.3	3468.3	S.KO24
ALE PROVINCE	10509.0	0.2407	721.0	1086.0	450.00	0.0	0	33	70.0	70.0	55	0.02	0.0	0.0	0.0	0.0
VI PVA VIZCAVA	0.02324	34212.0	1380.0	671.0	00.669	0.0411	1014	1042	1070.0	2070.0	2627	4655.0	975011	1666.9	1000.9	6'995'
OUBRIND	23970.0	4536.0	1233.0	0.000	1976.00	2010.0	1014	1042	1070.0	1070.0	1:27	0.551	976.3	1472.0	1472.0	1472.0
TOTAL	SS04i4.0	235246.3	N094.0	0,513,0	0.08611	0.919.0	0'165'F	4941.0	\$110.0	6112.0	6892.0	0.000	231000	44775.6	49775.6	44775.6
111 111 111 111 111	0.05341	U LPAT	010	0.621	445.00	0.69	148	141	158.0	0,831	991 168	170.0	413.0	622.7	622.7	622.7
	0.0500	03132	0 12 11	480.0	480.00	137.0	222	241	0.632	259.0	252	0.0	0.0	0'0	0.0	0.0
BALAAN	0.0010	01017	00	00	0.00	0.0	0	0	0.0	0.0	C	0.0	0.0	0.0	0.0	0.0
	0.07015	5 70251	714.0	4K0.0	480.00	237.0	1	241	259.0	2.69.0	207	5:6.0	1767.9	2665.4	2005.4	2005.4
	TORADO	120151 6	004.0	871.0	\$269.00	\$302.0	8128	11646	15359.0	3259.0	5247	6316.0	3123.8	4709.7	1.6012	2,10075
PAMPANGA	57370.6	41036.6	2272.0	2830.0	00,6555	0.5365	0	0	0.0	0.0	0	0.0	130.8	197.2	197.2	1.703
PANCASINAN	180500.0	04399.6	1052.0	1606.0	857.00	3430.0	3042	3580	012115	6117.0	:8193	2815.0	\$166.5	7789.4	7789.4	1789.4
TARLAC	114530.0	39732.7	2134.0	526,0	452.00	1203.0	2222	241	259.0	259.0	297	316.0	1,7020	13971.6	13971.6	9712611
ZAMBALES	0.00285	14418.9	2051.0	460.0	452.00	203.0	2492	1141	0.925	259.0	297	316.0	2196.1	3341.0	3311.0	3311.0
TOTAL	9,180588	6,004,276	10500.0	7782.0	11768.0	19260.0	16476.0	17231.0	20670.0	10570.0	0.50%2.5	0.94201	12065.1	33266.9	33266.9	33266.9
<u>.</u>										0 -	2		166.6	4 - 9 F	¢ - 3¢	r 9r
BATANGAS	9260.0	1753.5	440.0	185.0	241.00	0.140	87	<u> </u>	0001				0.9501	7 J081	1 XQ7 4	1 807 4
CAVITE	23760.0	1,3414.0	0.161	0.17	AU,UN	7.44 2.44	9	\$ \$	2011	0011		0.251	S 2.20	16765	\$ 2091	1624.5
LAGUNA	27510.0	14016.0	300.0	176.0	5128.00	0.69.0	τυ ος 	8 8	0011			0 77			12.3	12.3
MARINDUQUE	2190.0	1020.0	0.971	0.76	00'00	0.41	ç :	\$ \$	0.011			0.44	4260.6	65747	1.473.4	1 224 3
MINDORO OCC.	56170.0	22374.0	326.0	641.0	263.00	0.015	¥ :	\$ 8	001		201		5 19X17	Tau	1.277	7332.1
MINDORO OR.	56710,0	20307.0	289.0	57.0	00:00	0.49	<u>8</u>	\$	0.011				2 Y 2 2 1	1 3 102	2015.1	1,5104
PALAWAN	28610.0	14357.0	620,0	1659,0	675.00	449.0	ş	8	0077	0.021			C.0001	1.0104	0.0107 0.3566	N NOR
QUEZON	27850.0	14743.0	521.0	338.0	80.00	0.%0	148	\$	0.011	110.0		0.44.1	2.005	8.00%) 2.00%	9°0007	0.01802
RIZAL	9330.0	3312.0	238.0	57.0	144,00	169.0	×4 -	8	0.011	1 10.0		0.44	0.040	0'5'6	9/4/0	0.416
ROMBLON	5570.0	1 \$96.0	430.0	176.0	229,00	370.0	143	169	0.011	10.0		144.0	215.4	54140 1	67676 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.440 0.7250
TOTAL.	246960.0	110192.5	0.1626	CH157.0	S060.0	2346.0	14X0.0	1460.0	0.0625	0.0121	14,59.0	16,36,0	1.498.9	01/05/57	11000	Nº10-1-

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WATER RESOURCES	POTENTIAL	ENINTING														
RECION PROVINCE	IRRIGABLE	AREA			NEW IR	RIGATION A	REAN TO BE	DEVELOPE	NEW IRRIGATION AREAN TO BE DEVELOPED BY NIA & BSWM	WMS			PROJECT	TED NEW IKK	PROJECTED NEW IRRIGATION AREAS	
	AREA	1496	266 t	1948	1944	2040	2001	2002	2003	2004	2005	2006	2010	2015	0202	2025
>																:
VLBAY	54620.0	33853.0	267.0	324.0	384,00	361.0	383	447	478.0	478,0	015	520.0	2301.9	3470.5	3470.5	3470.5
CAMARINES NORTE	22590.0	60%4.0	0.585	720.0	541.00	648,0	383	467	40X	498.0	524	146	1565.3	2359.9	2350.9	2359.9
CAMARINES SUR	123700.0	\$6052.5	603.0	550.0	203.00	841.0	383	764	1.5.5	0,67,82	2554	\$510	7189.7	10839.7	10839.7	10839.7
CATANDUANES	3770.0	1890.0	0.095	4:4,0	384.00	283.0	0	0	0.0	0.0	o	0.0	5.5	83.6	83.6	83.6
MASBATE	19880.0	4626.0	401.0	0.672	384.00	361.0	383	407	0"X"2	42%.0	474	0.964	61131	2.0722	5.0725	2279.5
SORSOGON	15100.0	10078.0	400.0	384.0	00,694	463.0	383	407	428.0	428.0	524	554.0	80.6	0.121	121.6	9°101
TOPAL,	239660.0	5138211	2453.0	2971.0	2865.0	072562	02161	2225.0	3345.0	1,765.0	1586.0	7672.0	12705.0	19154.7	19154.7	14154.7
۲۱ ۲																
AKLAN	10510.0	0.9547	491.0	696.0	699.00	S85.0	2005	0	0.0	0.0	Ð	100.0	0.0	0.0	0.0	0.0
ANTIQUE	24020.0	-	745.0	926.0	813.00	832.0	518	701	728	633.0	04ra	689	328.6	495,4	495.4	5°50 0
CAPIZ	0.0705.1	4207.5	1203.0	807.0	716.00	715.0	518	541	563	563.0	6 0 9	100	359.7	542.4	542.4	542.4
Iloito & Guimaras	75160.0	81277.9	422.0	630.0	606.00	0, 385	518	541	563.0	563.0	3109	5695.0	3623.0	5462.2	1462.2	5462.3
NEGROS OCC. ***	71000.0	16915.5	728.0	0.010.0	655,00	643.0	518	129	3863.0	4763.0	6415	0'1820';	3227.8	43(66.4	4666.4	42,000,4
NECKOS OR.***	717.0	287.0	200.0	180.0	0.00	0.0	0	20	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
TOTAL	195077.0	78932.4	3789.0	4275.0	3489.0	3360.0	2672.0	O'ISING	5717.0	6.522.0	11561.0	17890.0	7524-0	11266.3	11366.3	11306.3
VII																
ROHOL	0.09006	(0753.5	5617.0	0,861	156,00	0.969	1234	1272	90 FC	309.0	385	717 7	822.8	1240.4	1240.4	1240.4
CERU	6160.0	3606.0	416.0	0.77.0	007191	172.0	134	272	309.0	0.515	100	0.0	0.0	0.0	0.0	0.0
NECKON OCC. ***	2890.0	717.0	9.0	0'6	12,00	14.0	0	\$ 8	90.0	0.0	0	0.0	270.7	1.804	408.1	40X-1
NEGROS OR.*** & siquijor	14112.0	0.40%7	107.0	6CN,0	156.00	136.0	234	450	504.0	0.603	525	642.0	246.9	122	372.2	372.2
TOTAL	0.2252.0	22970.5	0.949.0	0.2411	785.0	1278.0	1702.0	2079.0	1017.0	0.1511	1010.0	1064.0	1.340,4	2020.8	20202	2020.5
VIJ															-	
BILIRAN & Northern Leyte	55620.0	38,386.5	0.569	571.0	648.00	0,164	874	(i))	;160	405.0	430	433	\$3651	2275,8	2275.8	8,6705
SOUTHERN LEYTE	5748.0	5360.0	100,0	1,50.0	0.00	0.0	0	0	0	0.0	8	38	0.0	0.0	0.0	0.0
EASTERN SAMAR	4070,0	0.1462	253.0	0.25	1587,00	1413.0	200	202	0.0	0.0	¢	75.0	0.0	0.0	0.0	0.0
NORTHERN SAMAK	10930.0	0.060.0	273.0	529.0	1122.00	823.0	064	1313	2335,0	1445.0	440	245.0	0.0	0.0	0.0	0.0
WESTERN SAMAR	8140.0	1686.0	443.0	319.0	00.25.7	863.0	8	360	0.205	0.205	027	475.0	249.7	376.4	376.4	376.4
TOTAL	0"1051%	SUNZAS	1762.0	1923,0	0.9802	0.042.E	0.0452	2603.0	0.0890.0	1245.0	1.340.0	1246.0	5421 2421	2452-2	2652.2	0.0392
ĸ				l												
BASILAN	420.0	186.0	0.0	0,0	0.0	0.0	0	0	0.0	0.0	ç	0.0	70.4	6.82	48.9	6'X2
MISAMIS OCC.	0.0440.0	0130.0	X7.0	105.0	118,00	0.0	0	o	0	0.0	0	٥	0.0	0.0	0.0	0.0
SULU	150.0	150.0	0.0	0.0	0.00	0.0	0	0	0	0.0	Q	0	0.0	0.0	0.0	0.0
TAWI-TAWI	[1:0	0.11	0.0	0.0	00:0	0.0	c	0	0:0	0.0	0	0.0	0.0	0.0	0.0	0.0
ZAMBOANGA NORTE	32310.0	0.1081	406.0	558.0	00°527	0.800	181	438	494.0	494.0	577	744.0	2977.6	2,6844	4489.2	4489.2
ZAMBOANGA SUR	43770.0	28400.5	406.0	458.0	425.00	0.250	381	438	494.0	444,0	607	664.0	1482.1	2234.5	2234.5	2234.5
TOTAL	0.10168	2.0680.5	809.0	0'1011	968.0	0.627	762.0	x76.0	9.88.0	9,856,0	0,274,0	0,404.1	1"2477	6772.6	6772.6	62726

Table 4-39NEW IRRIGATION AREAS (2/3)

Table 4-39NEW IRRIGATION AREAS (3/3)

WATER RESOURCES	POTENTIAL ENERTING	ENISTING													NAGA MULA DIGGI WAN GUTTUNG	202
REGION /PROVINCE	IRRICARLE	AREA			NEW IN	RIGATION	AREAN TO BE	DEVELOPE	NEW IRRIGATION AREAN TO BE DEVELOPED BY NIA & BSWM	NMS			L KULL		0.00	
	AREA	1006	1 007	100%	1-144	2000	2001	2002	2003	2001	2005	2006	2010	6102	11202	
×										•	9111		1011	2 61 - 2	X 112 X	5112.8
主要なくとなっても	\$2490.0	9657.0	413,0	1224,0	450.00	1034.0	7658	504	542	542.0	280	10	0.9004			
	0 V V V V V	0 2 2 2 1	0151	195.0	200.000	513.0	1436	1534	1402	265	629	639	4881.0	7358.8	7358.8	×'900'
AGUSAN SUK	0.000+05	0.61441	000		ŝ		80	C	0.0	0.0	c	0.0	412.8	622.3	622.3	622.3
BUKIDNON	1/18.0	1.0611	0.0 7	0.0	101.00	0.004	072	346	0.405	324.0	6692	0"22"7	987.7	1489.1	:4×9.1	1.489.1
CAMIGUIN & MISIMUS Or.	140000	2/2010	410.0	0.001	00101	0 8 4	Ŋ.	007	441.0	441.0	366	458.0	1203.1	1813.8	3813.8	87183
DAVAO NORTE	17584.0	2628.5	0.00	74.0	00.001	0101	201	16.44	0 24.01	0.0401	1200	577.0	0.0	0.0	0.0	0.0
SURICAO DEL NORTE	13070.0	6530.0	368.0	0.041	189,00	0.16	÷.				0 4712		0.979.11	17396.9	17346.5	5.34671
TOTAL	161312.0	40890.2	1786.0	2548.0	1878.0	N221.0	1085.0	3857.0	0.7444	191410	75.054					
N															V 01811	A D M D
DA VAO NORTE	X0976.0	25630.0	139.0	100.0	0.0	0.0	0	8	110.0	0.011	ÛX	N0.0	5720C/			
	0.0666.1	0 1115	1038.0	194.0	167.00	284.0	202	Ş	426	391	305	418	1310.1	1975.2	2.0161	7.0761
DV ANO OKINA VO		0.010105		117.0	00 and	0.771	306	3(4)	Ş	101	459	41%	1247.7	1881.2	1881	1881.2
DAVAO SUK & Samagani	0.06446				8	00	C	8	8	£	4	35	2333.0	3517,4	3517.4	3517.4
NOUTH COTABATO	25155.0	0,040	0.0		00.000	< 201	116	214	2()P	20F	559	357	3946.5	5949.9	5949.9	5941.9
SURICAO SUR	40290.0	7028.0	787.0	0.45	00.404	0.00			•		O NEST	1 SAK Ó	16405.6	176476	24714.1	1217
TOTAL	105451.0	62435-5	2576.0	826.0	704.0	1112.0	1048.0	1.057.0	1489.0	1414-0	New	1.000	and the second second			
NI													00001	9 30-110	A NOVO	020K A
BUKIDNON***	79982.0	26367.0	456.0	1006.0	363.00	529.0	249	396	1534	2474	6042	105	6.0064	0.070.0	000400	N.O. BO
LANAO DEL NORTE	18072.0	14755.0	2480.0	1000.0	0.00	0.0	0	Ş	8	8	9	11	0.0	0.0		0.V
I AVAO DEL SUR	47190.0	3927.0	485.0	530.0	\$75.00	877.0	1×36	1943	1804	1004	1133	611	4427.5	w75.1	10/00	1.0.00
	0011001	14075.7	640.0	6245.0	2586.00	853.0	836 8	1463	3529	6029	8147	6113	KK00.7	1.7337.1	17975	1.7524.1
	0.061	31350.6	1491.0	1436.0	4203.00	7282.0	3106	1822	3879	6379	2643	1548	9,49,6	14609.1	14699.1	1.6695.1
	0.380.64	0.0000	151.0	237.0	228.00	357.0	300	926	351	151	<u>%</u>	418	9.575.9	11117.4	1:117,4	11117.4
		A CAUC	Q AUS	104.0	167.00	284.0	306	464	i93	105	511	512	2501.9	3772.0	3772.0	3772.0
SULTAN NUDAKAT	0.01616		0.000	O AFYOL	6113	10182.0	6639.0	6467.0	11658.0	16798.0	22226.0	5250.0	38763.6	SX442_J	58442.3	SV442.3
10176	0.420820	COLUMN	AND THEY													
			0 10003	64071 A	620C1 A	50007.0	\$1918.0	48314.0	0702189	S4217.0	82424.0	62174.0	165820.0	25000.0	250000.0	2,5000.0
GRAND TOTAL	3138469.6	1.507105.1	012000		A STATE AND											

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300			2000	15	2005	5	2010	8	\$102	ล	2020	~1	2024
LIVESTOCK	CHICKEN	CHICKEN LIVENTOCK	CHECKEN	LIVENTOCK	CHICKEN	LIVENTOCK	CHICKEN	LUVESTOCK	CHICKEN	LIVESTOCK	CHICKEN	LIVESTOCK	CHICKEN
						154 344		274 671	ON OIC E	145 TAF	N'3 TOT N	UNY XYL	A 083 763
14,00.5	6021/12	-	100,000,0	-	10,040,0	-	UA' 004	101'101					
16,341	194,462		SIL.880		1,293,545		1,689,954	60.465	224,224,12		1.0K5.209		4,207.917
174,629	078, 156	222,059	4.972.AD3	229,653	CP6, 707, 945	450,772	8.502.313	336.968	11,362,659		996105751		94272479,10
117,708	1.092.714	172,445	5,554,064	174,105	7.268.643	212,470	0.51 305 0	254,400	12.640,816	311,457	005 99 6 21		23,982,126
\$0X CP1	ILCOIN .		4,117,747		5,388,924	\$19.608	612,040.7	271.024	NSN 505 6	342,037	12,853,019	452,246	191,0NT,71
554 M 46	A.352,863		17.041.985	246.542	22.302.967	1 205 07	29.137.747	1.099.622	11/2 (DAO, M)	1.366.219	53,194,375	1.776.906	204.382.57
,	3,181		16.168	•	21,166	•	27,644	•	30,044		50,468		69,414
3.13, 46.5	1.760,467	NOP.205	8,948,129	105'001	11,710,451	484,623	15.299,176	590,279	20,446,11	737,007	27,930,441	1987-996	3K.637.503
79,234	394,855	46,604	2,006,97) 5	00,113	2,626,541	122.053	3, 431, 45	692.051	4,585,859	149,438	6,264.516		X,666,002
151,707	CICLOUX	420,500	15,265,287	430.630	19.977.7385	ENC 615 0	26,100,015	LENNE9	34,880,576	139,657	47.648.639	÷	65,914,622
X5,016	224,022	98,805	1.1.78,663	264,001	1.490,176	124.5K1	1 946 84	154,566	2,601,799	196,741	3,554,189		4,016,679
x2,614	182,170	186,001	925.937	102.752	1.211.740	56,921 (1,583,132	163,730	2015/128	210,567	2,890,192	055,550	0.998.140
106,884	\$51.165	356,951	2,801,470	10001	3,666.304	294/991 1	083,087,4	206,654	842.108.5	266,543	8,744,431	356,623	12.096.585
61.175	481,343	74,847	2,446,578	76.797	3.201,×54	05,325	4, 143, 067	118,216	EEE'065"5	149,433	7.626.679	194,900	10.564.181
1,104,595	A.400.516	1,313,500	102.952,65	-	41.906.086	1.642,800	57,361,177	2.014,642	76,658,610	2.529.375	104.719.556	0.020.400	144,863,527
		i						411				012 001	
34.1.46	144,4%)		7,14,340		5507196		010,022,1	10 000	A.0.6/0.1	Dur Or			
38,816	322.818	46.X.O	1,666.238		2,180,618		2,848,872	40X'24	(MC LON')	91,762	0\$61002"\$	202.121	122 961 2
10, 141	194,462	44,1,51	988,415	45,252	1.293.545		1,689,954	69.466	2,258,455	87,972	3,045,209	116.715	116,732,4
745,734	6.017.579	067'606	30,586,245	150.420	40.028,477	1,249,549	012,395,216	1,650,955	095,888,663	4661122	1507122756	3,092,166	132,0696,032
342,621	5,721.163	41.2.518	29,079,617	422-565	38,056,703	1 531,061	49.719.240	665,549	66,445.775	K52.120	90,764,305	1,142,901	121,544,100
139,042	5,974,675	16N.764	30,368,172	172,347	19.743.041	225,126	51,922,365	168,065	270,005,93	38,7,469	94,790,364	525,871	200'NC1'191
106'61.1	2.772.976	161,122	14,094,526	509" lot	18,445,607	625° 125	167 X60 VE	614,133	32,205,424	749,171	43,994,260	949.038	00,859,346
205,135	1,929,442	249,838	202,708.9	105,652	12,874,754	311,568	14,767,986	510,213	22.409.067	472,654	30.611.925	616.NN7	100 37 17 17
84.7.35	165400X	101,697	4,069,1,55	104.215	201752675	125,200	682,789,0	072,181	9,297,X58	187.013	12.701,346	82.02	17.570.375
1.006.551	25,883.209	2,402,261	121,393,951	2,460.320	158,869,129		207.554,829	3.960.133	277,340,174	5,112,277	378,915,684	6,904.000	\$24,172,035
					İ								
880'162	015,255,410	485,143	59,740,41x		78.182,710		102,141,928	K26.521	005'505'95';	0.000,000,1	186,472,069	1,473,429	217,955,045
167,062	582.129	207,147	2,958,854	212,076	AK72.274	279.L3X	5,058,938	362,549	6,760,865	478,661	9,235,686	660,173	12,776,162
214,027	352.948.5	2:50,6:9	19,564,952	261.X41	25,604,792	107'0Ft	33,451,422	4,15,406	44,705,142	610,617	64,069,15	55N 67N	NA,480.324
82.017	243.121	129.86	677.252.1	100,775	1,617,221	127.418	2,112,621	160,505	2,×23,615	200,451	3,8,57,202	278,234	5.335,850
101.761	A56.338	12N,6K2	2.370.310	0651151	A 102.042	155.742	4,052,067	184,873	5,416,065	224,765	7,104,620	521°982	10,234,462
92,865	ኒዮን' አማና	154211	102,048,5	115.480	3.761,236	100'281	4,940,002	167,384	91610919	199,480	9,018,552	022038	12,475,791
002'031	469.434	21,1,461	2.356,047	199,697	AJ22606	249,960	675,670,4	90,000	5,452,022	197,048	7.447.779	531.018	01977027810
249.015	2.577.368	000.247	13,100,287	349,862	17,144,440	438,814	646,866,55	549.337	759,559,92	703.043	40,K/X/X	943.116	30.506.278
314202	3.006.428	465.045	15,586,089	2012	20,707,025	279,010	26,648,510	549.714	35,613,590	603,917	186"(19")'44	5-46,048	92.876/JT-29
79,×65	641.766	100,335	NTC-102.K	5 KS-101	4.268.974		H02,772,3	151,088	1,45,54,7	196,75%	10,151,544	241,500	11,045,030
1,776,919	24,217,672	21/20/241	123,093,065	2,224.140	040,700,161	40.942.0	210,461,440	3.619.515	Nel Ded KW	4,691,167	N4.222.060	6.764.565	831.512.595
	1,77.06 1,2,905 1,2,905 2,91,2,905 7,91,2,905 2,91,0,91,0,92,92 1,92,05 2,9,1,0,92 2,9,1,0,92 2,9,2,001 1,90,002 1,90,002 2,91,0,002 2,91,0,002 2,91,0,002 2,91,0,002 2,92,015 2,94,015	n n n n n n n n n n n n n n n n n n n	 1.002.14 1.002.1 1.002.16 1.002.067 1.002.067 1.000.07 /ul>	1.002.714 172.445 5 3.181.013 175.465 5 3.181.013 175.465 75.465 3.181.05 175.465 75.465 3.181.05 175.465 75.465 3.181.05 175.465 75.465 3.181.05 175.465 96.504 3.181.05 96.504 2 3.181.05 98.805 1 3.181.05 98.805 1 3.181.05 98.805 1 3.181.05 98.805 1 3.181.05 98.805 1 3.181.05 98.805 2 4.131.3500 100.316 1 3.144.465 44.131.00 1 4.131.3500 103.350 1 3.144.465 104.764 90 3.144.465 103.350 1 4.131.05 1.31.350 1 3.144.465 104.764 90 3.144.465 104.764 90 3.144.465 10	1.002.014 1.72,46.3 5.554,064 N.181,131 1.74,000 4,117,747 N.181,131 173,600 4,117,747 N.181,131 724,900 8,948,120 N.181,131 724,000 17,041,985 N.182,1465 702,406 17,041,985 N.181,130 420,000 11,366,00 11,366,00 N.182,1165 192,502 206,995 11,366,00 N.182,1165 129,053 226,027 744,862 N.194,483 42,867 2,466,287 11,366,285 N.194,483 40,876 16,66,286 12,956,17 N.22,3416 13,13,500 13,366,245 2,466,245 N.22,341 40,725 2,466,245 2,466,245 N.22,341 40,876 14,064,272 2,746,376 N.22,341 40,725 2,966,245 2,466,264 N.22,341 101,607 4,066,172 2,966,245 2,466,264 N.22,341 101,607 4,066,172 2,976,649 2,976,649 2,976,649	1.002.14 172.46 5.544.04 177.40 1.816.246 724.00 4.117.74 177.40 3.155.46 724.00 10.161.06 77.40 1.100.113 420.46 70.40.07 77.40 1.100.113 420.46 70.40.07 70.40.07 1.100.0407 70.40.07 10.46.10 90.40.0 1.100.0407 90.40.05 90.40.01 90.40.01 1.100.0407 90.40.05 90.40.01 11.17.40 1.100.0407 90.40.05 90.40.01 11.17.40 1.100.0716 10.02.05 90.50.01 10.205 1.100.0716 10.13.500 11.17.40 90.50.01 10.205 1.101.071 11.17.40 11.17.40 11.17.40 11.17.40 1.101.077 40.752 2.40.50 10.255 10.255 1.101.077 11.17.40 11.17.40 11.17.40 11.17.40 1.101.077 11.11.75 11.11.75 11.11.75 11.11.75 1.101.077 2.90.400 10.404	1.002.714 172.403 5.554.004 177.00 7.206.60 3.102.101 173.601 7.306.60 2.11.174 177.601 5.368.60 3.102.101 173.601 7.306.60 17.061.065 7.308.60 2.11.106 3.102.101 1.75.60 1.75.60 1.1.31.66 2.11.106 2.11.66 3.102.102 98.005 1.1.30.60 1.1.30.60 1.1.30.60 1.1.106 3.102.102 98.005 1.1.30.60 1.1.30.60 1.1.30.60 1.1.106 3.102.102 98.005 1.1.30.60 1.1.30.60 1.1.30.60 1.1.30.60 3.101.11 3.666.30 1.1.30.60 1.1.30.60 1.1.30.60 1.1.30.60 3.101.11 3.666.30 1.1.30.60 1.1.30.60 1.1.30.60 1.1.30.60 3.111 3.666.30 1.1.30.60 1.1.30.60 1.1.30.60 1.1.100.80 3.111 3.1.11 3.666.30 1.1.30.60 1.1.30.60 1.1.30.60 1.1.100 3.111 3.1.111 3.1.111 3.1.111	1.00/2014 172,440 5554,006 72,440 5554,006 72,440 51,554,006 72,440 51,554,006 71,591 55,554,006 71,591 55,554,006 71,591 55,554,006 71,591 55,554,006 71,591 55,554,006 71,591 55,554,006 71,591 55,554,006 71,591 21,1100 72,505 70,501 <td>N. NOLTH TZ-AM5 SSSMCR TTAP0 TS-MAA TLAP TLAP N. NOLTH TZ-AM5 SSSMCR TTAP0 TS-MAA TLAPA SSSMCR TS-MAA TLAPA TS-MAA <</td> <td>1 1 1 2 3</td> <td>N.N. N.S.GAUGA T.N.GAU S.S.MAGA <ths.s.maga< th=""> S.S.MAGAA S.S.MAGAA<</ths.s.maga<></td> <td>10000114 11.254(4) 15</td> <td>NIN NUMBER Transmist Transmi</td>	N. NOLTH TZ-AM5 SSSMCR TTAP0 TS-MAA TLAP TLAP N. NOLTH TZ-AM5 SSSMCR TTAP0 TS-MAA TLAPA SSSMCR TS-MAA TLAPA TS-MAA <	1 1 1 2 3	N.N. N.S.GAUGA T.N.GAU S.S.MAGA S.S.MAGA <ths.s.maga< th=""> S.S.MAGAA S.S.MAGAA<</ths.s.maga<>	10000114 11.254(4) 15	NIN NUMBER Transmist Transmi

Table 4-40 PROJECTED POPULATION OF LIVESTOCK & POULTRY (High Economic Growth Scenario) (1/3)

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		- And -	0004	5		1006		2010	ri I	2015	2020	8	μ	2025
EVELON APPENDING TO A	LIVENTOCK	CHICKEN	CHICKEN LIVENTOCK	CHICKEN	LIVENTOCK	CHICKEN	LIVENTOCK	CHICKEN	LIVESTOCK	CHICKEN	LIVESTOCK	CHICKEN LIVENTOCK	LIVENTOCK	CHICKEN
Υ									!					
Alhav	176,439	6K2.5K0	204,200	3, 469, 459	212,436	4 10 06	5 254,013	15611.65	321 462	7.927.576		10,828,472	535.770	
Comprises None	100.732	052.045		126'652'1		382,101,2	511.941 5	1,000,1	アウトスコ	4.021,465		5.22.594.2	515,905	1.24.00.451
Companyer Sur	207.075	1 708.995		X, 6X6, 507		11, 166, 667, 11	550 MOP 5	14,851,864	500,818	19.NAX,324	-	27,113,519	841,193	77,507,832
	66 192	120.221		14 SPO		1.277,463		1.616,685	100.001	2,160,570	127.176	2.951.449	169,570	4.042,579
	110000	The second		1164.07	ſ	1671-17		81,25,338	000 000	10,862,872	356,879	14,879,235	451,X32	20.527,615
Masbale								1 1 5 4 456	907 USC	159,032	318.879	7.502.479	122 170	0.00.00.01
Sorsogon	134,284	732.HTP	-	1 1 1 1 1 1 1		A, 170, 171, 171, 171, 171, 171, 171, 171		0.000 000 EC	04-14-04 1 40-4	197 275 02	r.	KK K19 077	0.729.850	259 102 20
TOTAL	90%,204	132.251	1.040.257	22,047,949	1.104.12	X X Y 4	-	11 U 11 11 11 11 11 11		Child State Sch				
١٨														(1) 100 (1)
Aklan	00'5'90	744.965	118.836	1,7%6,520	121,934	500 5 0 0		6,474,050	193.113	N.052.045		N17614711	10-11-11-11-11-11-11-11-11-11-11-11-11-1	11.14.1.1
Antimus	124,124	X9X.922	N I I	4,569,055	159,096	\$55 640 5	KK,775	VV0 1 N 1	186 122	10,440,110		14.261,720	040,630	オークメロセット
Control of the second se	. 15	1121-03		A 184.745		5,426,610		926'+91'2	216,190	9,561,984	272,444	13.062.156	361,130	005,000,81
- aptic				2001003	·	P50 21X 41	-	42,901,198	156'022	\$7,334,009	462,244	28,321,169	1,272,345	104,345,467
Itorio & Cuimaras		10,117,2				27. 21.5 20		NUL I'LE LE	241.285	46.001.477		62540,355	1.245.376	80,050,043
Nepros Occ.	N84 N28	3,760,85.5	1 1 X MCF 1	08. 11.0		0								
Negros Or.	•	•		•	•	•		,		-		•		
TOTAL	1.139.456	11.364.668	1.773.831	57,764,514	1.405.816	75,596,831	080,027,080	68.763.601	2,136,523	129'680'121	121,469,2	160.304.537	WWWWWW	249.425.817
VII														
Bohol	126, N84	2,192,684	404,202	600 ST 11	415,715	14,585,552	513,277	815,2530,91	605'000	25,465,904		34,7%7,719	015,230,1	48,123,501
Cetu	455.992	4,753,485	069'725	24,161,088	592.270	057,616,17	740,619	41,309,724	1907020	101120TVS	×104 (06)×	75,415,746	NOC"795"1	104.326.178
	Ē			•	,		•	•		•		•	•	
				711 307 A		207 21111	255 477	14524731	648.737	19,411,137	K72.016	26.516.599	1.155,232	26.681,069
Vegras Or.		100100		- / · · · · · · · ·			•	100.000	LAY SUL	A DK2 KMC		5 CTK 274	T N X X	ONE 91E E
Siquijor	551,95	351,604	76-570	1.787.138		2,378,844		700,000,0	0001071					
TOTAL	1 187 094	X 969 125	1,489,267	45,588,410	1,534,152	\$9,661,877	N72.000.1	77.945.355	2.371.310	104.167.712	331,700,8	142.29K.3KK	1,000,617	F96.544K.10K
VII														
Bilina & Nanhem levte	542.576	3,065,361	645,792	15,580,665	657,676	20,000,00	~	26,679,238	1,095,120	35.00L100.25	1,43,40,096	48.611.05.3	1,965,480	67,276,40K
Southern 1 evice	031.60	851.053	112.428	2,694,594	114,426	3.526.434	147.707	4,607,115	15, 51	6.157.0-0		8,410,830	334,594	11.635.100
Pastern Samar	70 414	413,462		2,101,557	412.69	2,730,315	117,878	1,502,153	148,672	196 108 1	XCL'101	6.559.723	259,305	9,074,376
Vorthern Comor	103 414	200.050		1,504,768	-	000,986,1	157,163	2.572.745	197,882	3,418,34	254,611	4,696,940	343.361	6,497.499
Wotten Yamar	100 5 38	114.176		1 649,572		2.224.241		2,905,864	103,204	AND ANA S	251.130	5.304,305,5	342,095	7,338,650
TOTAL	919.104	4 639 187	-	23,581,149	1.10K,MIA	20.360.815	1,424,324,1	40,31X,166	1.×23.4×8	50618815	2.377.124	73,605,540	STR.445.1	101 X22 014
X														
Basilan	21.778	229,430	35.776	1,166,181	26,252	1.526,189	33,469	1,993,892	42.504	2.664.577	\$5,078	3,640,0%4	74,768	5,035,502
Misumis Occ.	171,104	1.582,926	215,556	8.045.721	222,264	10,529,493	275.414	13,756,273	340.786	18.384,155	430,601	25,113,689	505.005	34,740,957
Sulu	14,910	408,522		2.076.442	23,110	2,717,455	24,8%0	3,550,223	26.756	4,7 44,5 48	2K.847	6,481,348	31.765	956°596'×
Tawi-Tawi	2.80%	64.489		0HL LL	202,4	428.975	4,800	560,476	XCF'S	779,3447	6.194	1.023,141	7.280	1,415,460
Virthored Narra	199 21-	1.671.974		8, 49K, 336	236,362	11,121,433	354,939	14,530,136	440,0%5	19.418.361	SSK.367	26,520,468	400,046	36,695,321
7 ymboshis Kur	112 808	C K766 643		14,367,306	614,378	202,504,81	764,513	189'795'72	450°484	32,828,725	821,902,1	44,845,706	¥11,000,1	02/01/22
	A46.644	V00 104 V	-	14 4X1 771	1176 661	45.126.540	1.458.056	58,055,641	1, 506, 045	7N, 7N9, 4N3	412.7X2.2	107,650,457	3,014,755	1.4X,X90,2X7

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Table 4-40 PROJECTED POPULATION OF LIVESTOCK & POULTRY (High Economic Growth Scenario) (2/3)

WATER RESOURCES	9661		2000	0	2002	36	ล	2010	2	2015	2020	8	2025	ñ
REGION PROVINCE	LIVESTOCK	CHICKEN LIVESTOCK		CHICKEN	LIVESTOCK	CHICKEN	LIVENTOCK	CHICKEN	LIVESTOCK	CHICKEN	LIVENTOCK	CHICKEN 1	LIVENTOCK	CHICKEN
· ·													1	
Agusan Norte	146,888	845.968	174,843	4,299,899	178.132	5,627,309	105,002	7.351,807	293.522	9,525,100	87X CN2	13,421,546	522,7X5	14,566,710
Agusan Sur	88,860	470.699	104,424	2,392,476	106.255	3,131,051	134,862	4.090,566	170,516	5,466,714	120263	60×707-7	561362	10,5505,01
Buk kinon ***	140,980	912,661	175,256	4,678,888	121,181	6.070.945	216,668	201.110.2	259,843	10,499,675	218,686	14, 479, 694	40%,%06	20,000 July
Caniguin	23,550	256.428	29,741	1.303.376	90.629	1,705.738	3X.0.35	2.22%.464	49,194	2,078,163	51.158	4,004,322	<u>85.331</u>	5.627.903
Misumis Orientat	194,027	1.510,144	255.211	7,675,744	265, 705	10.045 757	321,845	13.123.767	905"065	CON NOS 21	00%/1845	110 NSONE	200°XX	685 271 25
Davio del Noncese	•	•	•	•	•	•		ŀ	,	•	•	,		
Surigao del None	K2,945	sho'nst	97,148	1311,700	907, 300	09/212/1	126,921	2.242.464	162.160	2,997,408	211,425	4,004,011	2MW,745	5,664,270
TOTAL	677.250	253,045	121 258	21,622,222	X60.15K	2X, 797, 156	1.008.736	16.008,866	1.325,835	19,405.922	1.580,37K	67.490.999	908/62212	03,363,400
2												f		
Oaveo del None	266.558	זינגי'ו מי י"כ	119,487	12,409,563	00,000	16,740,483	416.479	21.217.405	NP0 NCS	051 333 NZ	685,536	192 112 20	5,00,364	122 CNS 65
Davao del Oriental	150,256	200,219	140,255	4 737 194	1 44 025	6,159,600	235,207	8.009.478	204, 874	10,824,702	367.510	045,086,540	526,0%	1261525-02
Davae del Sur	422,191	8.9.514.5	573, 478	27.511.442	688°985	VC.004.420	744.706	17.07%,071	940.570	62,N62,556	1.212.468	88,873,445	1,6.16,436	135,792,80K
Saranggani N No. Combato	126,192	010,040,1	324.375	5.319.772	342, MAS	6.962.023	417.915	9.005 146	SOA.158	12,155,467	NJC X90	16.604,986	055,5424	22,970,465
Surigao del Sur	110.517	\$24,095	129,793	2,663,878	568'52'1	3,450,237	120-427	4.554.550	177,815	6.0h6.K57	246.243	8,314,955	301726	11: 502 47
TOTAL.	1.263,445	10,356,828	1 527 418	52,641,849	1.561.684	68,892,762	1.984.834	90.005.060	2,510,721	120,2X4,541	3.240.4KS	164.314.794	4,340,002	TAL. 401. 122
EN.														i
Bukidnonvee	140,990	932.661	125,756	1,634,883	151.121	6.070.945	216.668	961 IF 6.7	259,843	10,509,675	318,686	14,479,694	404°X00	20.020.01
Lanao del Norte	127.461	920.414	113 996	4.729,123	5067251	6,1%9,0M	188,900	N.0K5.677	226,875	10,805,859	278,000	14.761.152	340,365	20,420,071
Lando dVI Sur	77,245	429,349	997.36	208,281,2	0101,010	199.254	252,801	3,734,218	509111	2,9%6,473	115,419	6.S.H.776	120.115	5,423,053
Maguindanao	061.001	951,584	115,058	4.8.76.726	116.987	62139 458	124,750	N.269.653	145,101	NCT 130,11	162,629	15,097,222	192,505	20.454.703
North Cotation	010'652	1.325,886	307 274	6 739, 234	313.743	K.N.19.6342	いえつ、しょう	06 6,52 5,11	475,246	14, 308, 484	604,557	21,035,657	×01,%44	25,000,00
South Cotabato***	174,513	541.634	216,927	2,753,046	222,920	3,602,004	2XI,407	4,707.055	16136	6.290,602	7007	593,281	(-00,-14K	11,447,494
Sultan Kudarat	246,977	118,08	2011.1355	4,390,592	245.764	5, 745,900	341,505	7,506,870	11.658	10,012,120	SOHLGIN	13,704,672	64(0°074	TTV NSC NI
TOTAL	1,129,322	5,055,343	260,047,1	30,269,911	918,185,1	39,614,449	1.653,134	000175413	152,241	69,165,549	2.446.924	44,483,654	3,157,761	1 40, 703, 720
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NAVIA A LINA		114.715.337	16.507 x23	283 026 023	1 001 X 3		7FX 201 1 F	ATO 110 AUO					AL 707 817	-

Table 4-40 PROJECTED POPULATION OF LIVESTOCK & POULTRY (High Economic Growth Scenario) (3/3)

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141 PROJECTED POPULATION OF LIVESTOCK & POULTRY (Low Economic
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Table

			0001		2001		2010	¢	\$	2015	2020		100	r.
WATER RESULICES REGION PROVINCE	I.IVESTOCK	CHICKEN	LIVENTOCK	CHICKEN	LIVENTOCK	CHICKEN LIVESTOCK		CHICKEN LIVENTOCK	JVENTOCK	CHICKEN	LIVENTOCK	CHICKEN	LIVESTOCK	CHUNEN
								רטל וולש ו	052 621	2,154,327	0567861	2,435,003	150,668	2.67%,506
Abra	630,69	202.772	112,597	1, 353, 195	110.008	1,015,979	1947°C 11			NUT I VI	54, CP0	1 708,209	61,492	210,978,1
Benguet	36,341	797 761	44,150	502,014	729, bet	1,135.764	101.04			015 107 -	200 111	X 504.1%	202,105	6453 259 6
Heros Volte	174.629	95X"X26	222,059	4,775,501	20,925	5,714,131	120/022	0.000.140				0.6404.00	1299 000	10.558.586
Iteration in the second se	1 17.708	1.092.714	172,463	OF TRUE'S	136,051	6,342,044	174,105	7, 774, 545	1957 561	147. TV	2/4717	40/*v4.**		SMD BLS L
	204 141	SIG N	173,600	3,954,775	176.740	909 1121	127,961	5,470,407	101, 700	67(19579	4007617	0.44 M H 1 1		
La Union TOTAL	SN4.626	1,152,863	724,44%	16, 467, 400	219.124	19,582,545	746.542	22,640,198	K25.K0A	26.057.596	902.070	20,252,49%	201.400	1111111111
11												11 045		26.737
Sector Bar		J.FSI.		15.53		972,×1	•	CH44.112	,	24,122	•		691 TC3	17 010 807
	114 144	1 7/60 467	104,000	×, 593, 982	HOO'NON	10,242,045	1057656	11,587,549	142,062	13,681,895	41-10-1	144"408""C1		1 0 10 10 10 10 10 10 10 10 10 10 10 10
Capatyan	ALT OF	101	80.00 8	1.927.543	901° NG	2,305.168	56113	2,666,257	0110283	3,068,713	122.055	3.468,518		
lfugao				00117971	217612	17. AAD.0K2	430.630	10/179/K61	100,512	23,340,974	519,345	26,185,052	563,760	79,020,16K
Isabela	101 101				32.000	OLA MOF 1	100.492	1.512.708	112,537	1,741,041	I DALSNI	1,967,873	136,626	2.164,662
Kalinga Apayao	85,015	14,021	CON XA		00000	010	197 TO:	201.021	116,362	1,415,778	2267021	1.600/233	143,582	1,760,257
Mt. Province	N2,614	182,170	100.141	N67 / ANN			211 811	1 221 240	149.989	4,283,512	100,462	4,841,589	183,734	525,225,3
Nueva Vizciya	106.484	101 102	556.621	2,010,244	100,000			240.030	LA DAY	3 7 40 X74	95, 125	4228253	104,590	280,125,5
Quinton	61.175	481, 145	74 47	2, 149, 148	76,254	2,811,305	76.797	10-00-0	0.0				107 000	11 TY 024
TOTAL	100,50	6.600,516	1.213.500	12,221,402	1,335,005	38,550,606	1.542.404	44,869,966	1,492,601	21277202	NV TOVI	INNINGIC	1.1.1.Y.	
11												001 020 1	C C DUD	106,000
	ALL LY	144,483	40,725	205,315	41,400	993.548	41,652	975.621	46.131		01000	Au 1 40 - 1		
	22.416	111 212	46.856	1.000.292	47.647	1,914,676	47,943	2,213,590	53,540	2547,717	59.045	2,877,640	0-01-0	
Halabh	410°02	10.46	IST FF	202,040	120,044	1,135,764	552°51	1,213,104	50,666	305,112,1	640.95	1,705,209	161,10	20064X1
13cnguct===			000 000	10120101	100 9-0	25,145,936	150,526	40,633,6%6	1.0NK,X24	46,767,071	105.944.1	52,860,118	041"0;ד':	18, 146, 171
Bulaan		AJC / 1010	010 211		193 041	13 414 706	422.066	381,253,38	476,S74	200,000,000	531,041	50,256,316	585,289	55,230,947
Nueva Ecija	100,042	5,721,103	41.5.49			Later Active	100 000	1010100	196.736	46,433,632	225,126	52,483,237	21,21,51	2021151/25
Pumpanya	000.001	5,974,675	16%,764	N. 00-00	000111	10000000000000000000000000000000000000	114 114	E 13 M CE 41	V87 137	21.550.854	521125	24,358,606	561,175	26, 794, 486
Pangasinan	100 011	2,772,976	427, 91	12,536,695	436.1.0	100,0201,01			2010	14 605 476	311.568	16,949,116	101'028	14,644,041
Tartac	205,135	1,929,482	374.64	9,419,054	1.44.44.1		100,000	120201010101	114758	6.221.831	002-521	7,012,442	175,842	260,577,7
Zambules	84.73	125'00N	101.697	3,904,107	103,445	0/ /"0/0"6			000 305 5	145 614 178	120 776	209.796.870	3,464,508	230,776,724
TOTAL	1 966 551	23, NK7, 209	2,402,261	116,589,441	2,447.380	1 10,410,930	0.25.068.2	101-101	240702017					
2							2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	70 144 440	501.065	01.344.470	(441,436)	103,245,281	70X/717	103,062,511
Barangat	101 088	11,753,410	532,255	\$7.,76,021	405.008	111-04-5790	n/41)*//44	500 H 10 10 1	305 200	351 FLS 5	NUT OLD	5,113,5%6	312,669	5,624,949
Cavite	167,662	542,1292	207,147	2,841,749	211.248	000,000,0				10 0 C	NOV 041	13 812 770	101.01	37,194,074
Laruna	211,027	2 C.C. (0P.N. C	256,659	18,790,614	261,415	22,481,627	261,841	676 166 52	0/0100	1000 CT 6567		11156446	0.1.0.1	2,149,10
Manadatoria	82.017	243,121	98,621	1,186,831	100.342	1,419,959	100,775	1.641,674	14,0%0	0/7'6%%'	9147771		2142	A \$75, 703
tria trace Oraclerial	107 201	ACC. 73%	28,682	2,276,498	130,874	2,723,068	131,960	3,148,946	147.800	9,22,220,5	155,742	Charlow (1)		
	896 LO	56.9 441	112,431	2,774,939	14441	3,320,016	115.4460	3,8,38,410	126,240	4,417,792	137,001	4,997,044	147,762	0/77670
Minuceo Orientas	100	AFA CAN	54 J2	2.291.612	040,461	2,741,750	165"651	A169,852	124,775	3,648,320	249,960	4,123,641	141.07	100.00
rawan			147 000	ACK 185 CI	348,600	25.053.21	249,656	17.403.670	394,348	00,000,000	478,814	22,640,370	483.279	14,404,451
Cucton	010'AV7	1000 1000 F	140 YOU	SCC OVD FI	251.054	209,608	251.218	20,706,047	795. JAT	23.871.487	379,475	26,936,372	1091.11	0:0:0:0:0:62
57X	202.410		action :		91.0 UT	1748.263	103.585	4.330.523	114.268	4,987,640	124,952	5,637,454	135,636	POC 10C.9
Kombiom	79,865	00.100				141 444 200	OFT PULL	143 529 764	2,535,187	188,213,498	2,846,274	212.734,858	3,157,242	1-1-1 CON 545
TOTAL	010'011'1	24,217,672	2.172.75.5	16,422,172	-0-101 mm									

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NATED DUECHOODEN	4.512		AAA F	\$	3000		1010			2016	0.00	9		2025
REGION /PROVINCE	LIVESTOCK	DUCKEN	LIVESTOCK	CHICKEN	1,1VESTOCK	CHICKEN	LIVESTOCK	CHICKEN	LIVESTOCK	CHICKEN	LIVESTOCK	CHICKEN	LIVESTOCK	CHICKEN
~		•		Į.						ł				
Altay	176,439	642,586	208,200	3,352,145	211,45%	3,986,674	212.438	4,609,150	236,776	5 304 XX	261,113	5,996,029	245,451	6,595,636
Camarines None	100,732	240,050	118.664	315,090,1	120,621	146,000,341	510/121	2,338,113	135,164	950 169 0	515,944	7.041.637	163.461	P. N45, KON
Camavines Sur	270.75	1.704,945	320,058	x.342.714	326.19%	9.981.461	327,667	11,539,084	366,340	13,281,468	404,953	962210'51	505,500	16.513.537
Catanduanes	55,1135	156,621	63.960	90N.13K	088,640	1,046,522	64,0,44	1,256,174	12,841	1,445,785	Co.047	1,634,149	634,453	\$95"162"1
Marbate	170,941	525,256	206,712	616'995'P	210,385	5,462,795	212,405	615.766	130,061	690'692"4	015,042	K,216,142	268.077	9.057.763
Servagon	134,084	478,557	161,733	2,336,147	164.570	2.795.033	165,564	335,162,6	144,977	3,719,222	06.100	4,203,7%0	1037602	4.624.162
TOTAL	50K, X04	134,751.4	1,080,257	1112,271,15	1,008.031	25,334,827	1,104,122	29,290,652	1,227.029	33,711,582	1,349,935	38,104,033	1.472.840	Vie 1616.12
Li I													-	
Aklun	6C2"Xi	2392,044	118,836	R59'9E9'E	101.121	100,127,001	466.101	5,070,374	054,77,1	5,789,676	153,745	6.543.983	169,651	7,198,387
Antique	124,124	CC0, X0X	154,226	4,388,222	157.314	501,042,8	9607651	6.009,968	946621	6,986,190	158,775	7,×96,385	201.615	010,040,4
Capiz	618°23	CUCKER	0:49"66"1	4,019,125	141,871	4,404,596	142,477	5,559,419	526'85'1	925"862"9	676,873	723214	128161	7.955,442
lloito & Guimaras	415,932	\$1950.64	SOL.27N	108,800,42	\$10,087	24,832,548	513,476	014,455.51	6901125	260"391"35	628,663	43.764.624	95:2:949	121,101,72
Negrov Occ.	NGE.486	A960,853	118'655	F6#1512161	629,734	253.05.052	258,904	26.745.649	528,178	30,742,728	5×6.523	34,793,254	()+14,K()0	38.272.607
Negros On.						•		,			•	•	•	•
1.OTAL	1.130,456	11.364.668	1.373,831	55,47X,319	1. WS.042	66.375.846	1,406,816	76.739,890	1.560.94K	K4,323,267	020,052,1	99.N30.461	21230811	100,813,587
NII .														
Hehol	N26,844	2,192,684	202,404	10,707,01	412,270	12,K06.46K	415,215	14,806,003	455,555	17,040,974	FEERING STATE	19:251,152,01	650/295	20102112
Critic .	455,992	4,753,485	574,690	23,204,845	120/085	27.762.939	592.270	12,007,894	666,444	96, 942, K59	740,619	41,755,956	514,703	785, 169,35
Negros Occ.		•	,	•	•	•	,	•	•	•	ì			•
Negros Or.	344,463	1.671.352	423,715	N, 158,954	442,006	9,761,605	447,101	11,235,400	501,264	12,589,316	555,427	14.681.629	600,500	16,149,504
Siquijor	59,755	351,604	76.570	1,716,407	201,112	2,051,550	290%2	2,174,205	115"68	2.732.576	\$\$5.00	3,048,589	000"011	37.97,450
TÓT'AI.	1.187,094	8,969,125	1,489,267	40,784,119	1.520,400	52,384,571	1.534.152	60,563,992	1.212.774	69,705,725	1.900.278	78,787,333	2,006,841	86,666,129
HIA .		1)			•							
Biliran & Nathern leyte	542,576	1.00, 341	645.792	14,964,016	650,544	175,000,11	657,676	20.698,842	110,835	23,423,195	722,228	26.926.999	549.6VS	29,619,720
Southern Leyte	091'V0	861°065	NCP [11	2,587,948	14,429	3,006,294	114,826	3.279.72.6	131,267	4,120,096	147,707	4.(:56.NS2	164,1 aK	FORTER'S
fästern Namar	79,414	413,462	91,845	2,018,326	53,143	2.414,442	1000	106,197.2	105,546	020.012.0	117,878	3,651,947	012011	191, 202, 167
Northern Samar	103,416	296,050	12.15	1,445,213	124,103	1,729,009	124,450	(10,000.)	140,800	2,300,824	157,163	2.(400,5%)	175,520	2,1400,0448
Western Samur	100,538	334,376	116,886	1 672, 106	265,811	1.052 038	118,648	11X 722	135,222	2,599,684	1,51,756	682.77.9.2	168,370	180,052,5
TOTAL.	919,104	4.619.387	1.0%0,107	22,647,M5K	1,106,812	27,000,545	1.108.81.1	ALACT.ALK	1.267.852	611'950'97	1420,891	629.53.649	0565851	A4, K79, (N)O
X		Ì				I								
Bastan	317,12	220,436	25,776	1,120.026	26,192	110.0471	202.02	1,549,266	29,870	1,783,117	33,489	2,015,431	101.13	2216,075
Missimis Occ.	171,104	020,582,1	215,556	0XC,727,4	2011000	9,245,149	10000	10,588,703	OCX'XEC	12,202.002	275,414	078,400,61	201-940	15,295,368
Sulu	14,910	404.502	9447117	19775461	879 H	10033012	23,610	1758,544	506710	3,174,928	24.NKO	558875	25,766	115, 180.5
Tawe Dawi	2,408	(I-1,4N ⁰)	1.07.1	UN FIN	4,492	376,651	4.295	2,75,262	4,555	501,102	e K	566,490	5.045	81°50
Zamboanya None	1001112	1,671,974	2×0,744	A, 161, 950	285,210	9,765,238	236,362	11,,290,000	320,650	12,004,151	114,479	14,647,093	日本の利	16,186,814
Zamboanga Sur	40K, M14	2.X26,643	(00)421	13,708,679	610,9X3	16.509.130	614,378	008,0990,01	5,44,644	21,967,940	764.515	000000000	04976628	220,516,72
and the second														

Table 4-41 PROJECTED POPULATION OF LIVESTOCK & POULTRY (Low Economic Growth Scenario) (2/3)

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1 PROJECTED POPULATION OF LIVESTOCK & POULTRY (Low Economic Growth Scenario) (3/3)
PROJECTED P
Table 4-41

			0001		2001		2010	0	7	\$107	*			2025
WATER RESOURCES BECION PROVINCE	LIVENTOCK	CHICKEN LIVENTOCK		CHICKEN	LIVENTOCK	CHICNEN	LIVESTOCK	CHICKEN LIVESTOCK	LIVESTOCK	CHICKEN	LIVENTOCK	CHICKEN	LIVENTOCK	CHICKEN
					[36 661	A 030 014	021 X21	2012.197	202.817	574,645	1057622	7,431,022	255,145	6,174,351
Agusan None	140,NKS	845.968	VEX 67	N1/ N1 1			33L 7V	ADT WTL 5	0.500	151.82A	134,862	4,134,753	149,166	4,546,232
Agusan Sur	BN H60	470,699	101	184,792,5	100.044	WT her'T			100 000	2 NOT 674	216.648	8.017.075	611 712	N.S.N.7N6
Bukidnon***	040'011	912,661	22, 22,	455.291	521,971	5,3,40,437	-	0.102.741	1			2 367 636	040.14	2001010
	21,650	250,428	29,741	1621521	10. MI	029.70t.;	0.629	121.509	-X1/H	1992542	5.6%	Contraction of the second s	01103-	14:502-006
Visamus Oriental	100,001	1,510,144	112,852	266 128 1	261,430	K,N20,063	265.305	10,197,243	203.573	11,7,41,450	321,841	20000000		1
Daeso del None***	,		•	,					•				JEA LL.	7 A02 K03
	21 045	250 250	97.148	088,022,1	01.0,140	252,502,1	94,700	1.742.71K	81N.011	2,005,770	176.97			
Surizad del Norie Votali	CAN AND	1001017	101 AX	N0.766 461	853,613	285,544,40	850,358	28,725,022	064.547	11.060.874	1.068.734	37,368,209	1.172,925	41.105.059
	0,7,4,90													
×.	100	500 III Q	110 457	11 915 419	124 984	772-962 FT	690000	16,4%6,047	275,375	15,974,506	416.479	005 ⁻ 979' I C	461,683	23,591,276
Davag del None ***	202,001				104.121	COL LEFT Y	184.025	6293,341	209.616	7.243.279	235.207	8,086,069	N61.092	1005,677
Davag del Onenial	20.02	200256			000 (74	034 6 19 18	575 850	No. 548, 823	665,783	42,005,626	744,706	47 <u>,546,145</u>	823,629	52,200,797
Davao del Sur	472,191	8 9 C 1 P 'S	573,478	AVC.2.24.02	016500		328.622	7 067,292	375,375	8,154,053	516111	9,193,798	460.455	10.113.155
Saranggani & So. Cotabato	261.921	010,040,1	524, 225	210010	170'04'V				1 6 1 9 1	121 120 4	120 523	4,603,709	248(681	5.064,152
Surgao del Sur	110,517	100.001	101.02	2.558.448	908'11'1	3,061,000	0787161					016 200 00	10X 407	100.005 113
ronal.	1,263,445	10,356,425	1.527.418	NO1 X22 05	1,534,745	60.489.512	1.561.684	550 916 (19)	NGT 1 22 1	000000	an VINVOI	A 14 1 A 14		
XII									100 BO	900 CD0 F	224 21C	2 DI 7 DI 2	OLLPL	S 818.786
Bukahan	040 OF I	912.661	75.756	167 551 1	179,325	5.130.437	181,181	0,101,741	065.061	COV CO. 1			Call of	act UOLS
I mass del NARA	127.461	930,414	153.956	4,541,054	1,56,683	5,434,124	157,905	6.242.618	173.44K	7.2.0.7.0	006'XXI			
Trans At Sur	71.245	429,349	34,766	2,005,931	100,945	2,507,632	107.040	2,899,178	105.656	3.336.790	101.712		202 011	4,145,070 2,10,140
	W1 101	PK5 156	115.058	4,045,799	116.281	S.557,768	116,947	6,425,568	122.568	7.395.465	052'XC1	N. 158, 981	1.4.0.	044°#61'K
		1 XX 3 1 2 1	722-201	6.472.510	I LECTIN	7.743.896	6427016	X,95,9,042	150,463	10,304,444	281,785	11,646,958	423,902	5907118C/21
	212 FL	ALY IN	216.927	2 644.087	100,100	3,167,461	020/222	3.657.409	2520/	4,209,471	144. IX	4,757,902	310,7%6	\$03,572,805
South Cotabato	174°C		101 105	4 216 822	284.921	5,045,126	245,744	5,832,881	213.534	61713,316	341.905	2,5×7,960	X69,975	8.346.762
Sultan Kudarat	16.057	111-00			121173	14 7V 444	1381,816	40,213,437	1,517,476	46.2N3.789	1,653,134	52,313,419	1.78N.794	57, S44,N03
TOTAL	1,129,322	1.942, 556, 2	1.449.092	*KU 170'K	A0144 (01)								1	
					appendix and the	000 000 04-9	200 200 11	724.615.000	18,008,886	×91.538.000	21,107,X23	0007269720071	21,207,825	1.105.462,000
PHILIPPINES	13,606,340	114.715.337	16-507 X23	No0.000.000	10,501,527	0000000000	1-0-0-0-0-0-0-1							
		:												
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Atra Rempuert*** Rempuert*** Recoss Norre Bocoss Sur- La Union TOTAL Bacones Bacones Repeat Rabela Kalingao Kalingao	LIVENING'N CHINERY		LI INTRI	2000 LIVESTOCK CHICKEN		VUL .INDOP	2005 FUTRON CH	ICKRN 70	WAL LIVE	20H STRKW CH	ICKEN DI	STAL LIVE	2015 NITORIA CUL	ICKEN T	OTAL LIVE	京 見 2011年	HCNPM 1	WEAL LA	HATOCK CI	HCKEN	TCPTAL.
ાર્ટ્ર દુરે	0.70	10.0	0.71	0.85	0.05	16.0	28.0	0.07	0.94	501	0.09	1.	11	512	67.1	1.57	0.17	1.74	2.03	6.2.0	70
¥	0.28	10.0	87.0	0.73	0.6	0.37	0.14	9.05	0.30	0.42	0.06	0.49	0.53	0.09	0.61	0.67	110 110	54.0	9,85	0.16	01
	22.7	0.04	\$ 1 1	1.68	0.19	1.47	1.74	520	80 I	5.50	0.12	44	5.5	0.47	5 /i	91.1	0.49	14.5	7 7 7	0.81	2
	101	00	N	N -	0.21	2	5. T	100	9	1.61	5	46.1	561	9 9 1	14	÷.	99 S	õ	8	18:0	
1 E S	XO C		- 3	E S	0.16	1. 1	5) - -	010	<u>8</u>	901	5	1.9.5	ŝ	0	14.1			2014 2014			1
adames Jagasyan Ligao abota Apayao a buniun				A4-C			dir.			e e e e e e e e e e e e e e e e e e e			į		i i		101				
lagayan lugao albela albinga Apayao		0.00	000	•	0,00	0.0		0:00	0.00		0.00	0.00		0.00	0.00		0:00	0.00	÷	0.00	0.0
ugao abela alingu Apayao	2.56	0.0	2.63	2.97	0.34	101	2010	0.44	14	1.67	0.5K	11	5.7	0.77	5.24	5.58	ю. Т	5.64	16.7	1.46	1
abeta alinga Apayao 11 Omniace	0.00	0'0	19:0	0.73	8 0.0	0.81	0.75	0.10	0.55	26.0	0.15	1.05	17	0.17	1.11	1.43	0.74	1.67	6×"	0.33	1
alinga Apayao 11. Province	2.66	0.11	F	3.1%	0.58	3.76	3.26	0.76	1.02	191	(i))	10.4	92.7		6.0k	3	0Y.	7.70	7.67	នុ	<u>1</u> 01
1 Description	0.64	0.01	0.65	0.75	60	0,79	0.76	900	<u>0.85</u>	0.04	0.0	5 2	11	0.10	Ę	69.	0.1	3	¥	0.10	2
1, 11041145	0.63	0.01	0.65	0.16	0.04	0.79	0.78	0.05	CN.0	6.0	800	1.04	7	0.08	년 -	2	0.1	04.1	5172	0 12	ri .
Nueva Virgava	0.34	0.02	12.0	0,98	0.11	8	10.	0.14	\$1.3	Ϋ́,	0.18	44	×21	0.14	ž.	10.1	51.0		1.70	3	ž
Quirmo TiOtta I	9 F 0	000 000	4.0 4.0	0.52	8 F	900 1	× 0	0 1 2 2	0.70	27.0	0.16	0,00	0,84	71 S	1.1	21 Q	33		2.2	0.57	N- 01
Autora	0.26	10:0	92.0	0.11	0.03	0.74	0.32	0.04	0.15	0.3%	00	0.13	0.47	0.06	0.53	0.5K	60.0	0.67	0.76	0.12	0.8
Յպեսու	0.29	10'0	0.31	0.35	0.0	0-42 0	0.36	0.08	0.45	0.45	0.11	0,56	0.55	0.14	0.70	0.09	0.20	0.59	0.92	5.0	2
l3enµuet™==	9:29	0.0	82.0	0.33	0.04	0.37	7.0	0.05	0°.79	0.42	0.0	0.40	0,53	0.09	0.61	0.67	0.12	0.7%	0.43	0.16	0
Bulacan	5.64	ទូ	6N.9	6.85	1,16	×.04	7,02	15.1	45.X	40	1.95	11.44	95 1	2	12 12 1	16,74	3.61 2.52	20.35	9	81	
Nieva Bolja					0		8	4.5	10 10 10 10	5	<u> </u>	83	82			1	100	22.X	6 J	Ş	
Pumpunga	Ş			1	() () () ()		2		2	205			P. 1		Ş	5	6 S	4.5	2 - C	2	
rungasanun Tadas	i i		5	105		200			3 9	e de Constantes	1.00			SNG.	2 6	1	3 2	171	467	29	i i
Zambales	100	000	20°0	11.0	510	18	02.0	58	660	260	0.16	រិច	11	0.35	2	9	1 1 1 1	8	tk'i	0.6	1, j
TOTAL	14,8%	0.00	15.79	13,15	4.50	22.7%	18.62	6.01	24.61	21,60	7.85	11.54	20.07	10.50	40.47	18.(A)	14.34	10,52	50.0x	19 X.4	1
											4			9	<u> </u>	!	č		1	2	ŝ
ratan yas	2		2 A	10.0		200	1.5.1	<u>8</u>	5710 14	i i	210 210				2.5	1.50	8.5	199 199	2	0.45	
f news			12	80	0.74	2.6X	1.05	500	6	3		101	10	160	5.16	37	12	6.93	6.45	2	3
Marinduque	0.62	00	0.63	0.75	60	67.0	0.76	0.05	88	96'0	00	8	1	0,11	2	9	0.15	1.71	ī	0:30	9
Mindoro Occidental	0.81	0.0	0,83	0.97	0.09	8	0.1	0.15		1.18	0.15	11	9	070	1.60	0, 1	21 O	N0-1	512	0,34	си) F I
Mindoro Oriental	0.70	0.02	0.72	0,85	0.11	0.96	78.0	0.14	8	2	0.19	8	3	110 110	1.45	15.1	0.14	1.45	561	0.47	न
Palawan	1,15	0.02	8	1.47	0.05	1.56	151	10	1.63	68.1	0.15	2.05	80	5	1.11	10%	č,	1.19	4.02	0.39	1
Quezon	515	0.10	ж. Т	8	0.30	60	507	0.65	9 X		0.55	4.17	91 7	5.1.3	67	205	<u> </u>	6.X7	7.14	<u>-</u>	ц:
Rizal	2	다. 이 이	59 I 1	2	6 S S	ų.	8.1	0.77	36		101		9	ž,	51.7	1.1	Z i	6.41	9.9	5 i 1	
Kombiom TOTAI	000	260 0	0.61	0 0 10 49	19	200 101	5 S S	9 Q 9	50 S	5 7 7	7.0	911 2021	01.12	10.64	10.1	14.41	14.44	000	2 <u>1</u> - 4	20.11	Ę
ł																					1
Albuy	7	0.03	9 -	1.5%	0	1.2	19.1	0.17		-6-	0.22	0	142 1	0.0		10Y	77 (0	ar an Na h	90.7	K23	5 7 1
Canannes Norte	0.70	6.0	¥.0	0 C C	6.6	8	262		3 3	22	10		? /		2	1.1		5			a ř i r
Comparisons Aur Catanyatana	5	000	040	N TO	200	25	140	0.01	5 5 1 0	190	900 900	0.67	0 TC	0.0	0 Md	280	110	401	NC 1	5	4
Millione	8	50	С. -	X	0.15	14	1.61	0.04	1.54	0,8,0	0.31	5	Ĩ	0.41	1.64	22	0.56	3.26	3.42	0.7%	ř,
-	1.02	0.02	1.03	ij	0.0)	R	ŝ	0.12	1.37	1.55	0.16	0 <u>2</u> .1	16'1	15.0		4	0.20	2.70	5.20	9 0	5
TOTAL.	(N)	910	7.04	X	0.81	100	× 4	8	Q.45	10:22	1.43	10	22	1.6.1	14,41	15.21	56	i i i	20,46	Ş	
VI Aklan	57.0	0.03	37.0	<u>8</u> 0	0.14	S.	26:0	0.19	1.1	1.16	0.24	1.4.1		0.33	1.79	51	0.45	5.5	5.7	0.62	
Antique	0.94	0.03	0.97	511	0.17	4	8	62.0	1.47	43	0.0	1.72	1.70	0.0	2.10	8	0.54	9.4 9.4	2.65	0.75	State Contraction of the second se
Capiz	0.00	0.03	10.0	1 0	0,16		Y 0''	0,21	8	(F)	0.23	0971	57	0.36	8	207	0.49	3.56	2.75	0.08	4
llodo & Guimaras	512	610 910		22	26.0	4,74	2	4 8 	5.5	2 T	3	8.9 925	2 2 2	1. 1. 1.	Ş.	22	<u>8</u>	10 .2 0	500	2 s 7 s	
Acgres Ore.	14.1	ci .	3.	14 ·	er.n	7.		<u>,</u>	ļ.	Ż.	?				<u> </u>	e,				<u>)</u> .	
TOTAL	20'X	0.41	50.0	010	5 E	NY 11	10.65	2,86	14.51	215	1.74	16.85	16.17	8	21.12	01.00	19 19	27.22	20.05	2	30° 30

Table 4-42 WATER DEMAND FOR LIVESTOCK & POULTRY (High Economic Growth Scenario) (1/2)

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WATER RESOURCES	1 CVENTRES 1	S CHRINEN	LT ENDAUX	2000 LIVENDER CHICKEN		TOTAL LA	2002 Device Name	MCNEN 1	IOTAL LIVE	2010 LIVENTORCK CHI	ICKN 7	07AL LIVE	SUVER CHI	OKPN TV	VTALL FLAND	IVENTOCK CHE	01 NAN	TAL LIVE	VINCK CHI	NEN TOTAL
												194	4.70	0.96	5.76	6.05	1.12	2.16	3.5	ie.
Bohol	572	0.08	2.56	ŝ	0.42	197 E	9	6 6 7				7 17	83	8	9.0X	K,NG	285	11.75	11,84	3.45
Cetu	3.45	0.1%	3.63	1.35	0.91	5,20	44,4	2	20.0		2				•			,	•	
Negree Occ				,	,	• ,	- ;	:				4.75	10.5	56.0	5,95	6.60	001	7.00	×.74	() ()
Nugros Or.	1972	0.0	2.67	8 -	0.32	8						7 × 7	00	0.15	1.11	5	120	(j. 1.) 1. j.	.6.	e Se Se
Suquesor .	0.45	0.01	0.47	97 O	6 G	0.65	0.60	20	50.0	0/-0 7 4 5	1 10	17.40	17.05	2.04	21,X9	72.76	6:50	X.15	40.20	7,45
TOTAL.	X0X	0.34	9.12	121	1.77	807	101	£	100	T										
IIIA							-	11.0	24.3	56.45	101	7.46	97¥	2.15	9.04	10.85	1.84	12.69	14.NF	¥.
Felimo & Northern leyte		51.0	44	6X'F	0.50			270	5		510	2	141	0.23	3 971	98 T	0.32	7.1X	5	0 1
Nouthern Levie	0.71	50,0	0.73	0.XS	0.10	0.05	0.57	() () ()	N 1			18		10	1	4	0.25	1.70	<u>8</u> .	0.34
Lustern Namar	0.60	0.02	0.62	0.70	00	0.77	0.71	0.10	10 (a) 	64 M		e e	9		191	561	0.18	0.4	87	5.3
Northern Namar	0.78	0.01	0.79	0.92	8.0	0.08	76.0	0.07			2.2	2	4	10	1.61	8	0.20	2.10	657	20
Western Samar	0.76	0.01	0.77	9. 10 10	8	0.95	06.0	55	4 V 0	0 X(5		08.61	2.04	15,84	12.99	2.79	20.7X	21.56	145
TOTAL.	8	0.15	11.7	81.X	(X)	2														
N					1		0.0	200	9 Q	20.0	0.08	11.0	0.32	0.10	0. 4.0	0.42	0.14	0.55	0.57	0 0
Basilan	0.16	10.0	0.17	0.30	80	0.74	07.0	990				191	2.58	0.70	ñ	3.26	560	421	بر. 1	121
Misamis Occ.	2	0.00	1.75	1.61	0.0	Þ6'	9 E		5	50			920	0.18	N.0	1 1 1	0.25	0.46	55	0.34
Sulu	0,11	6.0 6	0.13	0.16	0.0%	0.74	0.17	0.10	9.7% 9.0%				100	101	0.07	0.0	0.04	0.09	0.0 20	0.05 0.05
Tawi-Tawi	10.0	0.0	0.02	0.01	0.0	0.04	0.01	2010	510	53		37	1.1	220	100	Ę	8	145	5.62	6671
Zamboanga Norie	0%1	6°6	9871	면	0.33	54 - E	211	4.0		2013		ŀ	01 0	1.54	8.44	9,14	021	10,84	12.48	2.33
Zamboanga Sur	3.7.5	0.11	3.83	4.54	20	8	4.05	1.1				1	29 51	2.0%	10.65	17,31	4 07	21.38	22.97	\$43
TOTAL	7,16	9°58	24.7	8 69	9	10.01	K.VI		14711		1.412									
X				ŗ	8 . Q	Q¥ -	2	140	95	1.74	82.0	101	Ę	0.17	2.50	81	0.51	3.41	8	0.70
Agusan None		0.01	4.1	2 <u>2</u>	975		02.0		190	201	0.15	81,1	81	0.21	50	1.67	0.28	\$6'1	ਸ਼ੇ	0.30
Agusan Sur	0,67	10 ⁻⁰	8 5	25	5 2	60/2 -	5	200	091	1.64	0.0	1,94	1.97	0.40	2.37	14.1	0.55	8	60	0.75
Bukidnon **	10.1	() () ()	29		ě		1.0	80	0.10	620	0.0K	0.3K	0.37	0.11	0.49	0. <u>4</u>	0.15	0.0.1	30	3
Camiguin	2 i 10	50	20	1		ļ	100	0.36	Э́г.	丰	0.50	06/0	\$1	0.56	3.62	3.66	0.91	4.57	4.74	1
Migmis Oriental	4	00.0	60.9									,	,	•				•	•	•
Davao del None	, ,	• •	. 0	1.074	. 000	0.78	0.75	0.00	0.81	0.96	0.0H	50	អ៊ី	0.11	7	1.60	0.15	2	Ś.	0
Surgao del Norio	-070		57		280	51.5	6,51	6	7.5%	ŝ	1.40	0.40	10.01	(N)	8 1	12.72	2.55	15.77	10.93	
10171														;		() ()	ţ	777	50	101
Dorno del Voneste	0.	0.00	311	54-11 1	0.47	2.89	2.47	0,61	Xox	3.15	0.40	8	8.4	10'1	5	200	/H -	00	i S	10
Deeao del Oriental	1	0.04	1.17	8	0.1X	1.54	1.39	0.23	.0.1	×-	0.31	6			5		3.2	5	0.	4.50
Davao del Sur	1.57	02.0	3.78	4,34	5	5.28	4,44	8	2	8	81	. 4.	200	9 9 1 0	5 6	×	590	03 5	11.9	0.80
Namngrani & No. Cotaby		10.0	2.04	와 연	0.20	2.66	2	0.26	1.75	의 2 	9 4 0 <	2			9	5	1.0	5 8	56	0,44
surigao del Sur		0.02	0.46	0.98	0.0	50	8	51.0 5		بر م د			8	4.55		12.45	525	30,74	23.15	8.60
TOTAL	9 0	0.0	20.0	92 II	8	1,55	1: 82	4	19,4	20.61										
XII	,		-	2	4 Q	151	1.37	120	(9)	2	0.10	1.94	161	0.40	2.17	741	0.55	8	81	0.76 0.76
Bulliquon	200		2	2	0.13	2	07.1	0.23	1.43	1.4.1	0,11	1,74	11	0.41	r. ci	211	0.50	10.7		2.0
Lanao oet None Lanao del None	8.0	500	00.0	0.75	0.0	0.8.3	0.78	0.11	6X.0	0,82	0.14	0.96	0.40	0.19	1.05	0.00	070	0 Va	5	2.0
Lordo VV SM	0.78	100	0.83	0.87	0.18	1.05	0.89	0.24	5	0.97	0.31	8	6	0.4	2	9		2 F	(5	9
North Chiabato	8	0.05	5.01	2.2	0.26	3.58	2.37	0.31	17:5	10.2	0.44	222	10	8. O	4 r 5 8	5 3 5 3		26	461	0.45
South Cotabaro	27	0.02	1 27	76 [.]	0.10	1.75	69'1	5. 2	22	<u></u>	X P	2 S 4 F			2.9	181	0.52	4 37	8	1.0
Sultan Kudanat	1.87	0.01	06 1	e T	0.17	2	911				5	12/21	2		80	18.52	×.	22.10	00 VC	4.95
TOTAL.	8,55	12.0	17.4	10.01		9.1	4 0	9	5		R.									
						112 117	1110	NN NE	18.001	96.941	17.74	147.48	11/0/1	50,42	10.00	16.6.5	68.87	20.48	1.1.1.1	1
VIXITELE PROVIDE	10,01	4	5	FA 77	2.5													111144		

 Table 4-42
 WATER DEMAND FOR LIVESTOCK & POULTRY (High Economic Growth Scenario) (2/2)

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																			2		ş
WATTER RENOUNCES	ŀ£.			9960			Sout			2010 10		and a second	2015 Activity (10	2 Annual	contract of the	AN ACCESS		NI 14.00	TU MUNUNA MUNUNA		0.741
REGION ARONINCE		CHICKEN	- Ielai	LAPATIMA CHICAPA		1 1 1 1 1 1															
Abra	0.70	0.01	0.71	0.85	0.05	0.90	0.87	6 0	16.0	0.47	0.01	0.05	0.96	0.0	1.04 1	1.05	0.0	1,14	1,14	0.0	23
Birnyuet***	0.2%	0.0	0	0.11	80	45.0	5 F	0.0	92 O	7. D	60°0	0.9	8 G	87	4 F	100	00 C	14.0	i c		
Horos Norte		0.04	9, j	60. T	9 y 9	8	21		3 5	ŧ.,						2 -	210	01		040	17
Hoces Sur	1 0'i	30	8		2 : 0 :		3		2 5	2		() 	ţ			, s		101	ŝ		1 -
La Unión Trotai.	¥0'-	10 0 10 0	4.55	6475	2 0 0	9 I 3	1 QU S	0.74	1	202	220	159 159	2.53	18	7.26	2 Y Y	11	\$	7.45	5	X UX
																				2	
Batanes		83	8	• ;	8.0	80	• ;	83	8.9	. [8.3	800		83	00 7		834	83		300	
Capayan		20'0 V V	101			33			0 i i i	3		100						18	10		; .
litugao Acabeta	000 000		100	S TH	è è è	174	100	200	001		6.7	6	88	O.NN	4.4%	100	8	4.07	4.27	1.10	
Kalinga Anavao	0.64	0.01	0.65	0.75	60	0.79	0.76	0.05	0.81	0.70	0:00	0.82	0.85	0.07	0.92	0.94	0.07	8	1.03	0.0	7
ML. Province	0.63	10.0	0.63	0.76	0.0	2.0	0.77	0.04	0.81	0.7%	0,05	0.82	0,85	0.05	0.93	0.98	90:0	8	60'	0.07	1
Nucva Viticaya	0.KI	0.02	0.8.0	0.9%	01.0	8	00'	012	년 -	10.1	0.14	1.15	1.14	9.16	0.1	1.26	0.18	1,45	¢ -	0.20	<u>.</u>
Quirino	0.46	0.02	0.45	0.57	0.09	0.66	0.58	¢. I	89.0	0,5%	0.12	0.73	0.65	0.14	0.79	0.75	0.16	0,84	0. j	0.1X	0.01
TON'AL,	¥, K	¥.0	19 X	9.94	ŝ	91.11	10.10	1,46	¥ 1	10.16	(i) 	58.1	0	76	11.24	12.43	2	14.61		Ŧ	
= -				5	, o (;; ;	16.0		30.0	ς: 0	200	91.Q	0.16	200	Ωž V	21.0	200	141	0.40	20.0	2.6
Autora	0.0	1000			500		14.0							i e	5		110		0 4 0		ð
isaraan Baasar aan	270 ACO				33		220	000		22	500	010	20	0.00	0.44	14.0	0.00	0.49	0.47	0.07	3
Bulacon	170	5.0	5		5 -	8	- U - E	1.11	3	201	1.5.1	95.8	77.8	1	10.01	9.46	8	40	10.67	5.20	1
Nueva Erita		120		3.13	8	4.15	80.00	2	4.45	02.5	9	60,4	1.61	3	8	4,02	8	5.92	4,43	8	6.5
Pampanga	50.1	150	2	ň	1.10	2	2	2	3	8	1.5	583	65-1	92.1	2	1.70	8	3,69	8'? ?	2.75	67
Pangesinan	5.5	0.10	2.6%	57	0.51	27.5	3.30	0.51	101	100	0.71	4.05	3.64	0.80	4.40	3.95	30	4.87	51 77 7	10,1	2
Tarlac	55.1	0.07	.9	(%) 1	0.36	č	1.0.1	0.45	21	a i	0-10	55	11 A	6.57	ci -	9. K	25	8	57	120	
Zumbales The su	0.64	60 G	79.0	0.77	<u>.</u>		0.78	210	0 0 0	6/10	0.0	6. P	/0/0 21 15	16		50	190	1.63	5 - 52 26 - 52 26 - 52		i č
N	007	N. N.			7	A	4		·												
Balanyas	31	0.44	3.40	3.67	2.17	5.X4	3.75	2.60	6.14	7.77	200V	6.77	4.32	97	7.7%	27	101	8,78	5.73	9.4	5
Cavite	1.27	80	<u>2</u>	67	0.1	1.6%	9 97	0.13		191	0.15	52.7	2	0.17	ő	- 1 1	0.0	2		71 - 1 0	
Lacuta	1,60	0 I S	7.5	1.94	0.71	2.65	6	0 X 0		5 - 6 	× ~ ~	167 257	7.1		4 G	\$ 8 5 6		Ş	5 E	a e	4 - 7 -
Marmauque Marataro Occidence	100	500	500	6770 2.00		2.2	0/10		5	2 2			80) 200)	200	ξ <u>Γ</u>	2 1	0.16		1	0.17	4
Minuora Octraentar Mindoro Orcanol	010	200		550	S I S C	80	0.87		8	080		18	90.0	0.17	19	8	0.19	1	2	0.21	~
Palawan	81,1	0.0	2	74.3	0.0	95	1.50	010	8	15.1	0.12	(9)	1.70	0,14	1.54	681	0.16	0	2.02	0.17	ři ci
Queron	2.19	010	202	31	N# 0	202	1.64	0.57	ē.	2.65	0.66	15.5	2.98	0.76	3.74	3.32	0.86	4,15	3.06	0.94	¥.7
Kızal	1.54	0.12	59 [°]	1.87	0.57	2.43	06'1	0.68	10.0	8.	0.7X	3: 1:		2	4 N	12.1	8	62	82	22	6 7 T
Kembio n TOTAI	0.60	88	(%) (%)	0.76 16 44	0 K	800 200	0.75 7 4	0.14	5. : 5	0.78	0.0 V 10	502	0.19 0.19		101 110	51 SA	5 6 X	9 () 9 ()	- 10 100 100	1 ¥	2 ¥
1																					
Albay		0.0	2	3.5	0.13	223	99.7 7 0 0	0.15	1.75	19:-	0.17	×21	2.2	0 0 0	\$ -	× -		2	21		4 ×
Company your	0/10 90 F	500		e e e	55	810 6	14:0 17:0	9 X 0	22		9460	3 8	277	200	1	90	0.57	.97	2	30	6
Catanduanes	0.42	10.0	040	54 O	0.00	0.52	(4)	50	6.0	(\$-0	0.05	0.54	0.55	00	0.61	9.61	0.06	0.67	0.07	0.07	г. О
Masbure	6 <u>7</u> 7	0.0	11	9571	0.17	1.74	1,59	120	9X.1	191	0.24	581	1.75	9. N	101	6%1	0.31	2.20	2.03	2	2
Norsopen	1.02	20.0	0	<u>1</u>	0.03	5	Ы.	0.11	21	<u>1</u>	1.0	20	8	5.14	1.54 25 č	50°	0.16	1.1	68) 1	0.12	
VI TOTAL	0.87	0.15	207	XIX	0,80	X 0 X	N.X.	11	1.1	5 'X		19-41	27		1.1.1						
Aklan	0.73	0.03	0.76	0.50	0,14	1.04	0:92	0.16	ю. -	0.92	0.19	11	1.04	0.22	97.1		0.25	141	NC1	0.23	95"1
Antique	0.94	0.03	26:0	1.17	0.17	1.33	<u>وا.</u> :	0.20	£. 1	8	120	1.51	2	0.26	¥., .		<u>8</u> .0	<u> </u>	7	110	2
Capiz Burbarian	000	0.03	0.0	8	0.15	<u>न</u> (20	XI 0 - 0	97 J	80 J	17 X	6	5.5	7, X	i P		120	3.4	4	2.2	8.8
Nerros Occ.	6 F.	0,15	8	3	0.73	1	25 F	0.48	14.4	326	10	100 B	8	2	5.16	24	12	5.76	4 XX	5	
Negros Or							٠			Ţ			٠					1		,	•
J'OTAL	(0.43	0	07.01	с, с										ŝ						

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Andr. Stat.	LIVENDER C			Conv?			Ϋ́́ς,			主義						ł					
VII Bobol Cebuo Negros Occase Siquijor TOTAL Silima & Northern leyte Southern Leyte Eastern Samar		CHICKEN	TOTAL II	LIVENTOCK CHICKEN	HICKEN	TOTAL UN	UNEXTROLA CHICKER	HICKEN .	NUTAL LIN	LINESIDCE CI	ILLEN D	014.112	IN THE OF	CHUNEN E	ID IN	LIVENEDCK CH	7.1.1.1	TOTAL LIN	LIVENTON'S A'HR'NA'	1	I VICE
Cebu Negros Occana Negros Occana Siquijor TOTAL VIII Ritima & Nonthern leyte Southern Leyte Elstern Samar	2 47	0.08	3	90,7	0.41	67.0	212	Ú.4K	3,60	2.15	0.56	17.1	3772	0.64	4.0	A.XX	67.9	4,61	4.25	0,80	
Nepros Oceano Nepros Oceano Siquijor TOTAI. VIII. Rilima & Northern leyte Southern Leyte Eastern Samar	34.5	0.1%	.0	т. т.	0,88	1.15	4.44	1.05	5,44	4.41	1	5.70	2.05	ç	947-"Ľ	5.61	1.58	51°C	6.17	1.74	
Negros Oct Siquijor TOTAL VIII. Bilimn & Nonhem leyte Southern Leyte Eastern Samar	,	•	• .		•]	•	•	•	. !	• ;	•			, or o			2.0		. 444	. 90	
Siquijor TOTAI. VIII Bilinan & Nonthem leyte Southern Leyte Eastem Samar	191	8	5		0.31	6		0.10		9.50	1.4.0		200	9 9 9 0	Ĩ			22	0.84	0.10	8
VIII Biltran & Northern leyte Southern Leyte Edstern Samar	4 8 7 7	10,0	4 9 6	800 <u>-</u>	977 287	1921	60 IS 11	56° I	67'11	1911	5 K	0011	10 V	64	15,65	14.45	1.9%	12.51	15.87	XC F	
Biliran & Northern leyte Southern Leyte Eastern Sarrar																			4		
Southern Leyte Eastern Samar	4.11	0.13 0	អ្	4'W)	0.57	5.45	4,97	0.68	5,65	4,0,N	¥.0	5.76	14.5	83	5.52	9-12	<u>द</u>	5	6172		
Eastern Samar	0.71	0.02	0.7.3	0,8,5	0.10	0.05	0.87	10	X 0	6	0.14	8.	S 0	5 5			810	<u>n</u>	1 3		
	0,60	20.0	0.62	0.70	5.0¥	0.11	0,70	0.09	20	0.71	0.11	0.81	0X.D		76-71	- C		5 6	1.51		
Northern Samar	0.7K	10'0	0.79	26.0	0.0	0.6	0.94	0.07	8	50	0.0X	101	6	8 S S	<u>s</u> <u>s</u>		2 2	<u>i</u> ž	<u> </u>	: 2	
Western Samar TOTAI	0.76 6.66	0.01	0.77	82 O 20	8 X 0 0	470 910	2 # 2	2010 1011	0 1 .0	8 8	5 ST -	2 8 5 S	- 99,	2 %	19.61	10.50	1.54		12.00	170	
IX XI																					
Basilan	0.16	0.01	0.17	0.20	50	12.0	0.20	0.0	0.15	0.20	0.00	9.76	520	0.07	2	0.15	0.08	0.11	i i	500	
Misamis Occ.	01.1	0.06	5	1.63	20	1,92	1.67	0.75	1.0.1 [0]	3.1	0.40	8	1.8%	0.47	Ĩ	507	0.53	1.61	A I	0.74	
Sutu	0.11	0.02	0.13	0.16	0.0%	0.24	0.17	80	0.20	0.17	0.10	0.14	<u>0.1</u>	10	0	0.19	0.14	23	0.17	() ()	
Tawi-Tawi	0.02	0.0	0.02	0.03	0.01	0.04	20.0	0.01	0.05	0.01	200	0.05	0.05	0.02	500	100	50 D	800	507 0	300	
Zamboanga None	08.1	8.0	.80		0.1	144	9 - 1	0.1			110		<u>.</u>				0.0			100	
Zamboanga Sur	177	0.11	ž S	45.4	0.55	707 202	101	1.02		6 i i		1064 1064	155	20	55 1	101			10 10	, 4 , 4	
X	017	0.0	1	A1.74			100	<u>}</u>													
Agusan Norte	1.11	0.03	P1.	1.32	0,15	1,48	1.25	0.19	1.5.1	36.1	9 11 10	1.56	3.	52.0	61 I	1.74	N [01 10	6 1	1.0	
Agusan Sur	0.67	0.02	0.69	0.79	80	0.88	0.30	0.10	0.01	9 9 0	0-0- 1-0-1-	26:0	0.01	7 10	5	5	0.16	81.1		2 C	
Bukidnon***	40'1	10.0	0.7		0.17	051	9.1	010	2.8				1.2		22.0		2.0			200	
Cameguin	<u>× 1</u> 0	0.01	0.0	67-0	0.0			8 G	A. 0		/0/D			0.0	15		6 G G	100		220	
Misamis Oriental	1.47	800	<u> </u>		X-0	1	261				6."n	A1		i .		ļ,	2.	ţ,		; ,	
Davao del Nonc	, 52			, ,	0 0s	24.0				0.75	20.0	N.C	0.65	0.05	0.63	6.00 0	0.0	507	(0 ⁻¹	6.0	
Surgao oci pone		919 919	8	120	010 0		2 ¥ 2 ×	76'0	3.60	15.7	8	7.60	1.60	ĩ	5.55	N.05	14.1	0%6	N.X.N	5 I	
N																					
Davao del Nonc	2.02	<u>0</u> .0	2.11	545	0.45	2.87	4	50	8	ų i	29:0	6) 202	2	12 O	2	51 21 21	0.61	8 e 6	3 5	6.0	
Davao del Oriental	41.1	0.04	1.17	8	0.17	<u>,</u>	<u>8</u>	17	2			<u> </u>	ŝ	19	2	87-1 77 7	1.0	i i i	5	5	
Davag del Sur	151	010	K.	2 : 4 :	8,9			2	2010	15			53	2	2 5	t s	20.0	5		0	
Naranggani K No. Coland	001	10 C	55	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		6	2.5			18		12	7	0.15	9	2	0.17	1	4	0.19	
	100	010	000	955 	200	14.41	<u> </u>	18	14,05	2	597	14.47		50.5	16.47	14.02	4	18,47	16.62	02.F	
XII										1							, ,	į	ļ		•
Bukidnon***	1.07	0.03	1.10	1.33	0.17	05	92	0.20	- (¢	<u>5</u> 1		10.1				3	9.5	4			
Lanue dei Norte	9:00	0.04	8	5.1	0.17	7 .	6F.1	12.0	2	81	0.24	1	1	0.1	5 - S		10	174	60°1		
Lanao del Sur	0.58	0.02	0.60	0.75	0.0X	0.83	0.76	60.0	9.0	0.78	0.11	0.80	0.0	51.0 5 0 0	5.0	220					
Maguindanao	0.78	0.04	CX O	0,47	0.18	1.05	0.88	110	60; ;;	0.89		- I - I	0. Y) (N) (N) (N)		ŝ			
North Cotabato	8	0.05	0.1	Ŕ	7.0 0		9		8	15-1	4		69 F	\$ 5 5	5					4 9 2 0	
South Cotabato	2	00	7 :	49.	0.0	1.74	1.07		6.7	S ;				0.10	10.5	- 5	5 6	15			
Sultan Kudami	1.87	10.0 1	ŝ	i e	2 Q 0 -		2 2	2 6	1.20	2 1 2		5 I S	07.11	22	201	22	1.98	14.40	1	× ×	
10.01																					
PHILIPPINES	102.95	4,14	5V'10i	P6'P7 1	21.14	146.1.5	17271	25.45	(52.57	127.47	14°N2	157.28	144,80	55.74 1	127,55	159.76	25,13	107,84	175.65	41.45	

 Table 4-43
 WATER DEMAND FOR LIVESTOCK & POULTRY (Low Economic Growth Scenario)
 (2/2)

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Table 4-44 WATER DEMAND FOR FISHERIES (High Economic Growth Scenario) (1/3)

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WATED DECOUDERS						(UNIT:	MCM)
WATER RESOURCES REGION PROVINCE	1996	2000	2005	2010	2015	2020	202
I						1010	
Abra	0.23	0.30	0.32	0.33	0.34	0.35	0.39
Benguet***	0.02	0.03	0.03	0.03	0.03	0.03	0.0
Bocos None	6.20	\$.13	8,70	9.09	9.42	9.54	10.5
ltocos Sur	16.99	22.26	23.82	24.88	25.79	26,09	28.7
La Union	24.23	33.10	35,42	37.00	38.34	38,80	42.7
TOTAL	47.67	63.83	68.29	71.34	73.93	74,81	82.3
11							
Batanes	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Cagayan	44.60	61.90	66.24	69.20	71,72	72.55	79.8
lfugao	0.50	0.66	0.70	0.73	0.76	0.77	0.8;
Isabela	5.10	6.66	7,13	7.45	7.72	7.81	8.6
Katinga Apayao	0.63	0.82	0.88	0.92	0.95	0.96	1.0
Mt. Province	0.14	0.18	0.19	0.20	0.21	0.21	0.2
Nueva Vizcaya	0.67	0.88	0.94	0.98	1.02	1.03	1.1
Quirino	3.56	4.65	4.98	5.20	5.39	5,45	6.0
TOTAL	55.20	75.75	\$1.06	84.68	87.77	88.78	97.7
]]]							
Aurora	4.70	6.77	7.23	7.56	7.84	7.93	8.7
Bataan	269.11	383.69	410.60	428.93	444.54	449.77	495_1
Benguet***	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Butacan	475.63	654.77	700.70	732.00	758,62	767.54	845.0
Nueva Ecija	23.46	30.62	32.77	34 24	35.48	35.90	39.5
Pampanga	1060.74	1549.30	1657.98	1732.02	1795.01	1816.13	1999.5
Pangasinan	241.13	319.46	341.87	357.14	370.13	374.48	432.3
Tarlac	8.62	11.25	12.04	12.57	13.03	13.18	14.5
Zambales	12.82	16.79	17.96	18.77	19.45	19.67	21.6
TOTAL	2096.21	2972.64	3181.16	3323.22	3444.09	3484.59	3836.5
iV							
Batangas	11.57	16.89	18.07	18.88	19.56	19.80	21.7
Cavite	4.31	6.17	6.60	6.90	7.15	7.24	7.9
Laguna	0.27	0.36	0.38	0.40	0.41	0.42	0.4
Metro Manila	85.65	112.60	120.49	125.88	130.46	131.99	145.3
Marinduque	8.36	12.04	12.89	13.47	13.95	14.12	15.5
Mindoro Occidental	65.31	86.43	92.49	96.62	100.14	101.32	01.5
Mindoro Oriental	67.34	95.90	102.63	107.22	111.12	112.42	123.7
Patawan	1.98	2.58	2.76	2.89	2.99	3.03	3.3
Quezon	195.43	257.70	215.77	288,10	298.57	302.08	332.5
Rizal	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Rombiom	4.58	5.97	6.39	6.68	6.92	7.00	7.7
TOTAL	444.81	596.64	638.47	667.03	691.27	699.41	770.0

(UNIT: MCM)

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Table 4-44 WATER DEMAND FOR FISHERIES (High Economic Growth Scenario) (2/3)

			A			(UNIT:	MCM)
WATER RESOURCES	- • • •				10.00	3430	1015
REGION PROVINCE	1996	2000	2005	2010	2015	2020	2025
v							10.00
Albay	10.26	14.01	14.99	15.65	16.23	16.42	18.08
Camarines Norte	30.25	44.30	47.40	49.52	51.32	51.93	57.17
Camarines Sur	49.52	69.24	74.10	77.41	80.23	81.17	89.36
Catanduanes	2.01	2.90	3.11	3.24	3.36	3,40	3.75
Masbate	63.49	89.55	95.83	100.10	103.75	104.97	115.58
Sorsogon	34.31	49.43	\$2.90	55.26	57.27	57.95	63.75
TOTAL	189.83	269.43	288.35	301.20	312.16	315.83	
VI							
Aklan	199.37	272.07	291.15	304.15	315.21	318.92	351.13
Antique	9.50	13.53	14.48	15.12	15.67	15.86	17.40
Capiz	203.21	275.84	295.19	308.38	319.59	323.35	356.01
Guimaras &	94,03	130.02	139.13	145.35	150.63	152.40	167.79
Doilo	244.68	337.54	361.21	377.35	391.07	395.67	435.6
Negros Occ.***	710.47	1036.19	1108.87	1158.39	1200.52	1214.64	1337.3
Negros Or.***	0.00	0.00	0.00	0.00	0.00	0.00	0.0
TOTAL	1461.26	2065.19	2210.03	2308.73	2392.70	2420.84	2665.3
VII							
Bohoł	82.40	113.7E	121.68	127.12	131.74	133.29	146.7
Cebu	195.49	289.21	309.50	323.32	335.08	339.02	373.2
Negros Occ.***	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Negros Or.***	66.53	92.23	98.70	103.11	106.86	108.12	119.0
Siguijor	0.84	1.23	1.32	1.38	1.43	1.45	1.6
TOTAL	345.25	496.39	531.20	554.93	575.11	581.88	640.6
VIII							
Biliran &	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Northern Leyte	32.13	43.95	47.03	49.13	50.92	51.52	56.7
Southern Leyte	1.46	1.98	2.13	2.22	2.30	2.33	2.5
Eastern Somar	0.73	0.95	1.02	1.07	1.10	1.12	1.2
Nouhern Samar	8.66	12.25	13.10	13.68	14.18	14.35	15.8
Western Samar	41.57	58.74	62.86	65.67	68.05	68.86	75.8
TOTAL	84.52	117.87	126.15	131.78	136.56	138.18	152,1
IX							
Basilan	1.22	1.70	1.82	1.90	1.97	1.99	2.1
Misamis Occ.	58.99	88.48	91.69	98.92	102.51	103.71	114.
Sulo	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Tawi-Tawi	0.00	0.00	0.00	0.00	0.00	0,00	0.
Zamboanga Norte	12.29	17.63	18.86	19.70	20.42	20.66	22.
Zamboanga Sur	1324.47	1921.92	2056.73	2148,58	2226.71	2252.91	2480.
TOTAL	1396.97	2029.72	2172.10	2269.10	2351.61	2379.27	2619.

(HNF) MCM)

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Table 4-44 WATER DEMAND FOR FISHERIES (High Economic Growth Scenario) (3/3)

	• • • • - •					(UNIT:	MCM)
WATER RESOURCES							
<u>REGION /PROVINCE</u>	1996	2000	2005	2010	2015	2020	2025
-	<i>(</i> , , , , , , , , , , , , , , , , , , ,		100.87		•		
Agusan Norte	66.20	94.16	100.77	105.27	109.10	110.38	121.54
Agusan Sur	0.11	0.14	0.15	0,16	0.17	0.17	0.19
Bukidnon***	1.23	1.60	1,71	1.79	1.85	1.87	2.06
Camiguín	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Misamis Oriental	27.04	39.82	42.60	41.51	46.13	46.67	51,38
Davao del Norte***	0,00	9.00	0.00	0.00	0.00	0.00	0.00
Surigao del Norte	53,18	79.40	84.96	\$8.76	91.98	93.0 6	102,47
TOTAL	147.76	215.12	230.19	240.49	249.23	252.16	277,64
XI							, and a second secon
Davao del Norte***	54.99	71.78	76.82	80.25	83.17	84.14	92.64
Davao del Oriental	18.23	23.80	25.47	26.60	27.57	27.89	30,71
Davao del Sur	74.23	105.71	113.12	118.18	122.47	123.91	136,43
Sarangganī	145.21	216.32	231.49	241.83	250.63	253.58	279.18
South Cotabato*++	3.40	4,44	4.75	4.97	5.15	5.21	5.73
Surigao del Sur	64.93	92.91	99.43	103.88	107.65	108.92	119.92
TOTAL	360.98	514.96	551.09	575.70	596.63	603.65	664,60
Xii							
Bukidnon***	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lanao del Norte	227.91	332.56	355.90	371.78	385.30	389.84	429.21
Lanao det Sur	0.29	0.40	0.43	0.45	0.47	0.47	0.51
Maguindanao	32.69	45.10	48.26	50.41	52.25	52.87	58.21
North Cotabato	0.49	0.63	0.68	0,7)	0.73	0.74	0.83
South Cotabato***	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sultan Kudarat	6.85	9.06	9.69	10.13	10.50	10.62	11.69
TOTAL	268.24	387.76	414.96	433.48	449.25	454,53	500.4
GRAND TOTAL	6898.70	9805.29	10493.04	10961.68	11360.30	11493.93	12654.72

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						(UNIT:	MCM)
WATER RESOURCES	1007	2000	3004	2010	2015	2020	2026
REGION APROVINCE	1996	2000	2005	2010	2015	2020	2025
1	0.33	0.00	0.10	A 31	A 35	A 33	A 22
Abra	0.23	0.29	0.30	0.31	0.32	0.32	0.33
Bengaet***	0.02	0.03	0.03	0.03	0.03	0.03	0,03
lloces Norie	6.20	7.81	8.17	8.47	8.70	8.87	8.97
lloces Sar	16.99	21.37	22.38	23.19	23.81	24.27	24.53
La Union	24.23	31.77	33.27	34.49	35.40	36.09	36.48
TOTAL.	47.67	61.27	64.45	(6.4)	68.26	69.55	70.3-
n	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Batanes	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cagayan	44.60	59.42	62.21	64.49	66.21	67.48	68.22
110230	0.50	0.63	0.66	0.68	0.70	0.72	0.72
Isabela	5.10	6.40	6.70	6.94	7.13	7.26	7.34
Kalinga Apayao	0.63	0.79	0.83	0.86	0.88	0.90	0.91
Mt. Prevince	0.14	0.17	0.18	0.19	0.19	0.20	0.20
Nueva Vizcaya	0.67	0.84	0.88	0.92	0.94	0.95	0.9.
Qairino	3.56	4.47	4.68	4.85	4.98	5.07	5.1.
TOTAL	55.20	72.72	76.14	78.93	81.03	82.59	83.4
81	4.20	6.40	6.00		7.00	a 23	
Autora	4.70	6.49	6.80	7,04	7.23	7.37	7.4
Bataan	269.11	368.32	385.64	399.78	410.40	418.29	422.8
Benguet	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Balacan	475.63	628.58	658.13	682.26	700.40	713.85	721.6
Nueva Ecija -	23.46	29.40	30.78	31.91	32.76	33.39	33.7.
Pampanga	1060.74	1487.20	1557.11	1614.20	1657.11	1638. 94	1707.2
Pangasinan	241.13	306.71	321.12	332.89	341.74	348.31	352.0
Tarlac	8.62	10.80	11.31	11.72	12.03	12.26	12.4
Zambales	12.82	16.11	16.87	17.49	17.95	18.30	18.5
TOTAL	2096.21	2853.61	2987.75	3097.30	3179.62	3240.70	3275.8
1V	14.67	16 71	14.07	17.50	10.00	10.41	10.4
Batangas	11.57	16.21	16.97	17.59	18.06	18.41	18.6
Cavite	4.31	5.92	6.21	6.43	6.60	6.72	6.8
Laguna	0.27 85.65	0.34 108.10	0.36	0.37	0.38	0.39	0.3
Metro Manila	-		113.18	117.33	-	122.76	124.0
Marindaque	8.36	H.56	12.10	12.55	12.88	13.13	13.2
Mindoro Occidental	65.31	82.97	86.88 86.20	90.07	92.46	94.23	95.2
Mindoro Oricetal Putan an	67.34 1.98	92.06 2.48	96.39 2.60	99.92 2.69	102.58 2.76	104.56 2,82	105.6
Palawan Orange							2.8
Quezon	195.43	247.41	259.04	268.54	275.67	280.97	284.0
Rizat	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Rombtom	4.58	5.74	6.01	6.23	6.39	6.51	6.5
TOTAL	441.81	572.81	599.74	621.72	638.24	650.51	657.

Table 4-45WATER DEMAND FOR FISHERIES
(Low Economic Growth Scenario) (1/3)

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Table 4-45	WATER DEMAND FOR FISHERIES
	(Low Economic Growth Scenario) (2/3)

						(UNIT:	MCM)
WATER RESOURCES							
REGIONAPROVINCE	1996	2000	2005	2010	2015	2020	2025
v							
Albay	10.26	13.45	14.08	14.59	14.98	15.28	15.41
Camarines Norte	30.25	42.52	44.52	46.15	47.37	48.28	48.81
Camarines Sur	49.52	66.48	69.59	72.15	74.07	75.49	76.31
Catanduanes	2.01	2.79	2.92	3.02	3.11	3.16	3.20
Masbate	63.49	85.97	90.00	93.31	95.78	97.62	98.68
Sorsogon	34.31	47.45	49.68	51.50	52.87	53.89	54,47
TOTAL	189.83	258.65	270.80	280.72	288.19	293.72	296.92
M							
AMan	199.37	261.19	273,46	283.49	291.02	296.62	299.84
Antique	9.50	12.98	13.59	14.10	14,47	14.74	14.90
Copiz	203.21	264.81	277.27	287.42	295.07	300.74	304.01
Galmaras &	94.03	124.81	130.68	135.47	139.07	141.74	143.28
Boilo	244.68	324.03	339.27	351.70	361.06	368.00	371.99
Negros Occ.***	710.47	994.66	1041.42	1079.60	1108.29	1129.59	3141.84
Negros Or.***	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	1461.26	1982.49	2075.69	2451.78	2208.99	2251.42	2275.86
VI							
Bohot	82.40	109.16	114.29	118.48	121.63	123.97	125.32
Cetu	195.49	277.61	290.66	301.32	309.33	315.27	318.69
Negios Occ.***	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Negros Or. + re	66.53	88.54	92.70	96.10	98.65	100.55	101.64
Signijor	0.84	1.19	1.25	1.29	1.32	1.34	1.37
TOTAL	345.25	476.51	498.90	517.20	530.94	541.14	547.02
VID							
Biliran &	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nonhem Leyte	32.11	42,20	44.18	45.80	47.01	47.91	48,44
Southern Leyte	1.46	1.91	2.00	2.07	2.13	2.16	2.19
Eastern Samar	0.73	0.91	0.96	0.99	1.02	1.04	1.05
Nonhem Samar	8.66	11.75	12.30	12.75	13.10	13.35	13.49
Western Samar	41.57	56.39	59.04	61.21	62.83	64.03	64.73
TOTAL	84.52	113.15	118.47	122.82	126.09	128.50	129.90
IX			·				
Basilon	1.22	1.63	1.71	1.77	1.82	1.86	1.88
Misamis Occ.	58.99	84.92	88.92	92.18	94.63	96.44	97.49
Sula	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Taxi-Taxi	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Zamboonga Norte	12.29	16.92	17.72	18.36	18.85	19.21	19.42
Zaniboanga Sur	1324.47	1844.90	1931.61	2002.44	2055.67	2095.16	2117.89
TOTAL	1396.97	1943.38	2039.96	2114.75	2170.97	2212.67	2236.69
x					<u>.</u>		
Agusan Norte	66.20	90.40	94.64	98.12	100.72	102.66	103.78
Agusan Sur	0.11	0.14	0.14	0.15	0.15	0.16	0.16
Bukidnon***	1.23	1.54	1.61	1.67	1.71	1.74	1.76
Camigain	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Misamis Oriental	27.04	38.22	40.02	41.4\$	42.58	43.40	43.87
Davao del Norte***	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Surigao del Norte	53.18	76.21	79.79	82.72	84.91	86.54	87.49
TOTAL	147.76	206.50	216.20	224.15	230.08	234.50	237.05
	147.70	200.30	210.20	264.13	2.50.00	2 34.30	

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Table 4-45WATER DEMAND FOR FISHERIES
(Low Economic Growth Scenario) (3/3)

						(UNIT:	<u>MCM)</u>
WATER RESOURCES REGION & ROVINCE	1996	2000	2005	2010	2015	2020	2025
XI							
Davao del Norre ⁵⁺⁺	54.99	68.92	72.16	74,80	76.79	78.26	79.11
Davao del Oriental	18.23	22.85	23.92	24.80	25.46	25.95	26.23
Davao del Sur	74.23	101.47	106.24	110.14	113.06	115.23	116.49
Saranggani	145.21	207.64	217.40	225.38	231.36	235.81	238.37
South Cotabato***	3.40	4.27	4.47	4.63	4.75	4.84	4.90
Surigao del Sur	64.93	89.19	93.39	96.82	99.38	101.29	102.40
TOTAL.	360.98	494.35	517.58	\$36.56	550.81	561.38	567.49
xn							
Bakidoon*+*	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lanao del Norte	227.91	319.23	334.24	346.50	355.70	362.54	366.47
Lanao del Sur	0.29	0.39	0.40	0.42	0.43	0.44	0.44
Maguindanao	32.69	43.30	45,33	47.00	48.24	49.17	49.70
North Cotabato	0.49	0.61	0.64	0.66	0.68	0.69	0.70
South Cotabato***	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sultan Kudarat	6.85	8.70	9.10	9,44	9.69	9.88	9.99
TOTAL	268.24	372.22	389.72	404.01	414.75	422.72	427.3
GRAND TOTAL	6598.70	9412.66	9855.10	10216.43	10487.97	10689.44	10805.49

OINT MCM)

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Table 4-46 AGRICULTURAL WATER DEMAND (lligh Economic Growth Scenario) (1/2)

Water Resources		2000					
Region/Province	1996	2000	2005	2010	2015	2020	2025
	1484.55	1966.56	2447.17	2548.95	2670.71	2707.14	2751.5
ABRA	199.87	227.40	263.61	274.38	280.99	283.84	286.8
SENGUET	52.97	56 03	56.32	56.42	60.12	60 29	(0 .5
LOCOS NORTE	794.41	934.92	1145.72	1231.87	1302.83	1334 23	1366.8
LOCOS SUR	236.86	489.55	709.03	711.83	736.99	737.89	741.4
A UNION	200.43	258.66	272.49	274.45	289,77	290.90	295.8
1	4203.65	6067.55	6946.88	8065.50	9648.45	10268.20	12298.
BATANES	0.01	5.19	5.22	5.22	5.25	5.25	5
TAGAYAN	1063.81	1684.92	1914.41	2326.41	2968,99	3530.10	4098.
FUGAO	62.57	85.14	147.63	145.82	183.00	214.85	246
SABELA	1798.00	2255.88	2422.64	2792.53	3440.83	3970.71	4502.
KALINGA APAYAO	509.07	922.54	1010.07	1098.36	1260.06	1372 23	(484)
MT. PROVINCE	194.88	252.96	259.67	261.18	261.47	261.85	262.
SUEVA VIZCAYA	520,43	624.53	835,40	990.92	1046.00	1091.41	1137.
QUIRINO	54,73	236.37	381.86	438.05	482.85	521.75	561.
11	6194.57	9006.33	12474.76	13328.37	14596.90	15328.33	16455.
AURORA	125.60	199.07	227.65	240.58	266.91	280 51	294
βλτλαν	406.37	578.93	634.78	653.22	669.46	674.88	720.
BENGUET	37.52	37.61	37.63	37.73	38.73	38.90	39.
BULACAN	1012.99	1309.08	1395.95	1470.62	1568.73	1634.63	1771.
NUEVA ECUA	1743.63	2567.13	360121	3818.10	4093.02	4201.12	4313.
PAMPANGA	1280.86	2330.46	2472.91	2550,96	2657.40	2684.92	2875.
PANGASINAN	1277.44	2017.54	2952.69	3153.59	3483.35	3659.50	3879.
FARLAC	220.84	687.77	784.49	990.25	1337.99	1637.57	1938.
ZAMBALES	84.32	268.75	364.46	413.33	491.33	555.00	620.
v	1799.11	2633.28	2953.91	3343.08	3951.67	4452.65	5022
BATANGAS	119.41	167.84	268.74	281.97	296.17	308.64	324
CAVITE	199.75	330.88	358.72	401.35	478.67	534.10	590
LAGUNA	265.05	385.69	406.77	432.81	474.47	503.84	546
MARINDUQUE	11.92	24.88	32.90	35.39	36.85	37.55	39
MINDORO OCC.	221.91	379.37	412.46	521.11	698.77	852 56	1015
MINDORO ORIENTAL	307.70	420.21	451.53	538.02	680.88	800.24	929.
PALAWAN	80.75	187.37	213.59	237.34	277.32	308.45	340
QUEZON	501.21	3600.49	629.57	685.05	757.40	820.87	912
RIZAL	55.67	75.73	96.02	117.74	148.94	176.27	204
ROMBLON	35.71	66.73	83.61	92.30	102.19	110.03	118
v	1326.03	1919.65	2302.11	2673.60	3135.97	3485.07	3864
ALBAY	592.12	644.26	731.85	\$06.59	941.83	1033.36	1126
CAMARINES N.	67.25	122.93	152.56	177.34	206.54	232.63	263
CAMARINES SUR	478.70	735.74	907.35	1125,46	1358.82	1543.10	1735
CATANDUANES	14.23	61.66	63.57	64.98	68.97	70.98	73
MASBAIE	80.05	174.72	222.62	262.69	311.10	353.17	404
SORSOGON	93.69	180.34	224.14				
VI	2601.94		4585.73	236.53	248.71	251.83	260
AKLAN	341.13	3775.68 476.81	4383.73 510.94	5250.64 526.63	5685.81	5975.91	6485
ANTIQUE	218.99				544.77	549.01	582
CAPIZ		297.74	366.08	387.00	405.43	415.93	428
1	252.36	427.19	515.95	552.65	582.21	599.23	645
ILOILO GUIMARAS	826.10	1172.33	1356.32	1605.03	1808.02	1948.63	2139
NEGROS OCC.	946.82	1376.77	1810.51	2153.40	2319.41	2437.17	2664
NEGROS OR.	- 16.54	24.84	25.93	25.93	25.93	25.93	25
NII	617.20	1031.61	1293.24	6468.63	1459.23	1513.88	1623
BOHQL	210.98	396.76	542.08	573.47	615.05	643.17	684
CLBU	233.78	384.84	439.18	454,49	472.50	479.11	517
NEGROS OCC.	1,44	10.53	14.95	20.59	29.85	38.36	16
NEGROS OR / SIQUIJOR	171.02	239.45	297.04	322.07	341.83	352.22	375

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Table 4-46 AGRICULTURAL WATER DEMAND (Bigh Economic Growth Scenario) (2/2)

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Water Resources							nit: MCM)
Region/Province	1996	2000	2005	2010	2015	2020	2025
VIII	582.97	1004.44	1235.89	1297.74	1397.62	1453.15	1523.72
N. LEVTE BILIRAN	432 27	636 29	729.96	770.17	850.66	896.96	949.54
SOUTHERN FLY FE	71.54	80.08	83.30	84.71	88.48	89.03	90-06
EASTERN SAMAR	15.71	89.34	101.05	102.59	104.86	105.27	105.99
NORTHERN SAMAR	15.42	79.38	165.65	169.75	172.62	173 26	175.45
WESTURN SAMAR	43.04	119.35	155.92	170.52	180.99	188.62	202.66
1X	2022.56	2782.43	3056.78	3286.76	3560.91	3742.67	4139.55
BASILAN	2.68	3.27	3.43	3.90	4.58	5.21	6.11
MISAMIS OCC.	145.01	180.69	187.31	191.80	196.06	198.19	210.05
SULU	0.13	1.15	1.27	1.31	1.45	1.53	1.69
TAWI-TAWI	0.02	0.11	0.12	0.13	0.15	0.17	0.19
ZAMBOANGA NORTE	96.90	145.83	206.57	290.02	306.83	497.10	599.83
ZAMBOANGA SUR	1777.81	2451.38	2658.53	2799.60	2961.84	30-10.47	3321.70
X	586.01	1007.12	1530.01	1827.60	2223.25	2583.89	2968.85
AGUSAN DEL N.	144.26	316.76	548.72	656.62	\$07.10	941.03	1091.28
AGUSAN DEL S.	179.98	259.15	380.04	492.10	647.37	798.85	948.60
BUKIDNON	11.34	47.98	68.37	76.13	273.04	101.57	113.72
MISAMIS OR, Camigain	56.22	118.52	159.53	191.26	226.93	259.17	296.05
DAVAO DEL NORTE	\$6.20	103.23	335.54	(61.9)	192.52	221.40	250.29
SURIGAO DEL NORTE	103.01	161.48	237.80	249.51	257.36	258.86	268.91
XI	1333.66	1646.44	1820.98	2163.27	2660.34	3111.14	3619.70
DAVAO DEL NORTE	460.06	4\$5.40	500.50	626.60	81623	1000.47	1193.08
DAVAO ORIENTAL	78.55	137.01	179.69	216.93	261.50	303.38	348.27
DAVAO SUR	369.27	458.55	516.53	557.25	616.75	659.56	714.90
SO.COTABATO SARANGA	322.90	407.80	440.49	538.65	689.25	822.57	979.68
SURIGAO DEL SUR	102.90	156.69	183.75	223.86	276.63	325.17	383.7
NU	2780.97	4335.63	6016.47	7262.66	9012 37	10594.74	12220.0
BUKIDNON	302.54	432.25	581.58	695.92	866.93	1025,79	1184.9
LANAO DEL NORTE	409.40	728.18	799.60	791.58	825.47	840.55	870.7
LANAO DEL SUR	25.87	171.47	419.03	594.23	811.97	1022.76	1233.6
MAGUINDANAO	150.45	458.03	901.97	1117.46	1416.16	1702 26	1993.2
NORTH COTABATO	626.49	1098.18	1770.39	2081.78	2523.67	2929.09	3335.2
SOUTH COLABATO	945.39	1147,47	1225.09	1511.43	1970.94	2379.63	2788.7
SULTAN KUDARAT	230.81	300.03	3 43.75	470.28	597.23	704,66	813.5
TOTAL	25533.23	38166.71	45563.94	52418.81	60003.17	65955,45	72973.1

Table 4-47 SHARE OF GROUNDWATER AND SURFACE WATER BY WATER RESOURCES REGION FOR MUNICIPAL AND INDUSTRIAL WATER IN HIGH ECONOMIC GROWTH SCENARIO

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			1995			200	_		20.2			3.40			3015			3120			3425	CMacar
4 K R		C.W.	5%	T tal	CW.	SW .	T.M.J	GW.	SW	Tea	GW.	SW:	≇-tal	GW	54	Test	G¥	54	T.a.a	GW	SW.	1.1.1
3	Municipal	46.0	11	17.4	57.5	22	637	71.5	5.4	74 9	48.3	* 2	¥6 3	107.0	116	1186	127.4	15.5	142.9	150 (14.9	171
	fill have a state of the	5.3	67.7	12.9	9.4	67,7	77.1	13.0	67.)	\$97	18.4	67.3	85.0	25.8	67.7	93.5	36.5	67.7	134.0	51.9	67.7	119.6
	Setting	51.3	694	E201-4	66.9	70.1	117.8	845	23.1	69.5	1964	75 K	182.2	132.B	79.2	2121	141.9	811	247.6	202.0	N 76	149
11	Municipal	393	4.0	19.)	\$3.7	n.o	51.7	64.8	0.0	64.5	51 5	0.0	81.5	100.2	0.0	100 2	119.4	4.4	119.4	1812	0.0	142
	ration from	0.7	45.4	16.1	Z.\$	65.4	† 7_8		15.4	(R F	4.6	154	210	62	154	21.7	8.6	15.4	24.9	120	15.4	27 .
	Subtreal	40.0	15.4	55 4	53.0	15,4	63.4	68 1	15.4	\$3.5	85.1	15.4	101.5	196.5	15.4	121 9	128.0	15 4	141.5	(52.2	15.4	167
14	Manicipat	215.5	16	2:6.5	180.0	24.3	364.3	350.5	56.2	4:57	\$49.A	Lr.R.B	618.8	542.0	1991	851 7	6.1.8	445.2	11.88.9	6723	7.56.8	1.104
	In Assarial	8 3 T	125.6	319,3	SH 5	125.6	221.8	128.7	125.6	254.3	105.3	1256	2341.9	102.2	125.6	227 A	147.2	125.6	27.2 R	138.0	125.6	313
.	Schutz	249 2	126.6	425 N	376.2	149.9	526.4	5KR.2	181 8	670.2	\$55.0	2414	849.3	£443	435.3	1.029.5	751 0	610.3	1,364 B	\$41.5	852.4	1,712
IV	Manapat	255.1	\$56.0	12(1)	287.4	1 275.8	1,562.9	317.2	1,5511	1.808.9	3403	1.515	2.241.9	383 1	1,350	2.5921	* 58	2.518 4	1.9421	413.4	3,573.3	3,516
	Indertail	312.2	4236	625 R	171.2	013.9	555.1	1391	244.2	533.3	161.0	X.2.5	455.7	221 R	264.2	486.5	1:0.2	225.0	4 3.1	1987	385.2	363
	Sabura	457.2	1,379.6	5,836.9	453 3	1.659.7	2318.0	5/6.3	18:59	2.4/12.2	5-16	22259	3,727.5	674.9	2 473.T	1076.6	5943	2,763.4	3,357.8	6424	3,258.5	a sar.
v	Monicipal	745	39	27.8	94.7	49	tõ I 6	10.0	65	1245	145.5	9.1	1548	176.4	121	IRS 6	209.3	15.6	224.6	242.0	192	261
	Induscial	i 5	18 2	19 R	3.6	15 2	21.9	12	\$8.2	25.4	44	18.2	276	12.4	13.2	30,7	14.5	14 2	34 5	229	14.2	41
	Sul-tet.c	76.4	21.3	97,7	102.3	23.2	125.3	125.1	24.6	14:57	154.9	22.4	1823	3K\$ 9	30.4	219.2	225.6	33.6	259.4	24.9	37.4	302
V3	March up al	10.1 7	2.6	105.3	142.6	49	147.5	189.3	8.0	197,7	2472	12.0	259.2	3141	15.8	3,41.9	387.1	22.4	1 (: 3	4713	2× 9	5.0
	Insteaded.	45.6	523.6	Se 9.3	45.6	521.6	5742	64.4	523.6	588.1	716	321.6	545 7	27.5	521.6	601.2	#2.2	523.6	6:5.8	\$57	521.6	6.9
	Sob-total	[49.]	506.2	675.6	13(1)	528.5	717.7	254.1	533.6	785.6	318.8	5.15 6	\$54.4	391.6	5474	932.0	464.9	546.0	1,015.9	5570	552 5	1,169
л и	Manicipet	1292	3.6	121.8	132,0	45.R	133.6	1.0	96.5	251.5	176 2	154.5	1111	(24.3	215.9	4112	319.0	359.8	5-**	2,318	5517	774
	Industrial	85 0	27.8	165.8	\$3.6	73.8	166.4	156.9	77 8	214.7	171.0	77.8	244.7	238.3	77 8	334.1	235.6	27.8	3:6.2	20.1	77 X	100
	Sub Land	2.8.2	814	249.5	726.4	121.6	350.0	314.8	174.3	455 2	347.2	212.2	574.4	492.6	294.7	7 37 3	4174	437.5	835.0	452.3	631.5	1,083.
- 19	Maniopal	¥0.2	11.0	51 2	18.6	18.9	\$7.5	58.4	30.5	88.7	69.7	45.3	115.0	K2 3	647	147.0	54 2	83,7	113.5	110.5	125.9	2.46
	lash:stript	39.4	110	31.4	34.8	11.0	49 8	51 \$	110	62.4	69.9	110	R:1 Q	95,7	11.0	106.7	112.2	11.0	143.1	184.5	110	195
	S.h-1.*.d	63.6	22.0	k2.6	\$7.4	24.9	10.1	106,9	41.2	1511	1.19.6	56,0	1454	: 17.9	35.7	251.6	224 9	99.7	3.4.6	2452	174.9	- 02
n,	Manicipal	64.1	\$9	732	78.5	25.4	103.9	\$5.5	43,0	1415	115.3	777	143.0	137.1	114 2	251.3	159.7	157 8	311.5	0.9.1	1.42.1	(99)
	In Arcrist	1.4	43	5.7	۶ لا	4.3	L3.7	21.3	43	255	24.2	\$3	32.5	37.7	4.3	419	521	43	55.3	73.5	ار د	77.
	\$. 6 . 6	657	13.2	78,8	#7.¥	29.7	117.6	116.8	523	¥69 1	143.5	\$? A	225.5	124.8	168.5	2:3.3	211.7	152.1	3758	254.6	3.0.7	456
×	Marciana	80 J	3.9	133	93.5	13.0	2215	219.9	39.5	1543	1.12.6	193	179.9	: 41.9	65.6	257.5	2.196	*1.1	3210	245.4	1245	412
	Industrial	43.0	157.1	210.4	430	1571	214	49.6	in7.1	214.7	52.4	147.1	219.5	74.0	167.1	2494	1651	167 1	272 2	145.6	1671	362
	Sub-total	1233	13975	203.5	135.5	185	320.6	16* 5	198.6	367.1	2:00	215.4	418,4	265.9	232.7	458.fs	344.3	2503 5	5452	433.7	291.1	125
v	Manacipal	732	117	88.8	85.4	24.8	1-79 2	923	43.8	133.7	99.5	62.)	4101	K (2.1	65.3	1923	1132	131.9	224.0	319.1	134.9	258
	In the second	24.0	1491	215 1	15 R	(99.1	2149	(85	199.1	247.4	25 4	1461	224 \$	34.5	1994	2.1.1.6	45.4	199.8	245.5	54.0	179.1	25.5
	Sob-Ltd	91.2	216.8	<u>X'4.0</u>	1011	223.0	3:4.1	110.8	241.5	3513	124.9	251.3	385.1	142.5	284.4	424.9	159.5	310.0	4:95	143.0	3,38.4	521
XИ	Maréripak	6K.\$	0,0	68.5	100.5	6.5	100.5	117.8	00	147.8	2013	90	210.)	264.6	21.6	256.2	3:7.9	58.5	376.4	371.5	105 2	4 6
	Internal	6.3	\$5.7	92.0	6.8	85.7	S2 5	8.0	\$3.7	43.7	EQ.5	R5 7	96.1	13.7	857	95.4	17.0	#57	F)2.6	213	85.7	164.
	50.1 2.1.1	74.9	\$5.7	161.5	107,3	<u>\$5.7</u>	193.0	155.8	\$5.3	24: 4	211.6	91,7	<u>, R95, J</u>	276.4	197.1	385.6	3.14.9	144.2	479.0	394.5	1.478	585
15.0	Monicipal	1,435	1003	2,187	1.454	1,445	2.964	1.750	10%	3,5/6	2 (54	2.517	4,683	2,600	3,128	5,728	2.955	3,936	6,921	3,4:1	5,116	8,524
	lah-sri d	514	1,719	2,234	533	t 679	2.212	710	1,610	2.351	724	1,500	2,32%	940	1,560	2,5,0	1,073	1.50	2,591	1.252	1,453	2,763
	Chest	1,6.99	2,721	4.421	1.992	3,124	5,115	2.5.12	1515	6.017	2.8%	4.117	7.009	3.543	4,688	8 214	4,954	5.457	4,515	4,692	6.5-7	11.262

Table 4-48 SHARE OF GROUNDWATER AND SURFACE WATER BY WATER RESOURCES REGION FOR MUNICIPAL AND INDUSTRIAL WATER IN LOW ECONOMIC GROWTH SCENARIO

			1995			2000		-,	305			2010			3015			2.00			<u>(Unot M</u> 2025	Mye I
WRR.	Cox	GW	5%	Total	GW	5%	Tas	GW	5%	Tetal		5%					- C					
1	Municipal	46.0	 1.4	47.4	57.5	3.2	6).7	71.5	5.4	76.9	GW 88.9		T.44 96.2	G% 107.0	\$14	13.4 1916	GW 127,4	\$₩ 15.5	T	CW.	5%	Tast
•	Indestrial	53	67.7	73.9	3, 3 8.5	67.3	36.3	11.5	67.7	79.0	15.0	67.3	2014 827	18.5	11.6 ه7.3	\$5.2	22.0	67.7	142.9	150.1	14.9	170.
	Sub-tert	513	69.3	125.4	65.9	79.8	136.5	1.12	731	156.3	103.0	75.8	174.9	325 3	79.2	397 201	149 2	53.1		252	67,7 87.6	90.4 262 S
	Municipal	193	0.9	39.3	51.7	6.0	50.7	61.8	0.0	64.3	81.5		RLS	1201	0.0	102	119.4	C.0	2126	175.3		
	fostestri d	0.7	15.4	15.1	1.9	15.4	123	3.0	15.4	18.4	3.7	15.4	191	4.5	15.4	19.9	52	15.4	20.5	140.2	0,5 45,4	19,1
	Sub-Lau	10	15.4	55.4	52.5	15.3	67.9	67.8	25.4		852	15.4	100.7	104.7	45.4	12.1	1214	12.4	1004	58	15,1	21.5
ht	Municipal	215.5	1.9	216.5	280.0	25.5	305.5	359.5	58.6	43.1	4/9.5	192.8	92.4	542.0	251.3	293.4	601.8	367.9	9715	672.5	323	161
•••	Internal	63.7	125.5	339.3	87.9	125.6	213.5	1120	125.6	237.6	92.4	125.6	218.0	73.2		195.8					-	1,159.3
	Sub tetal	299.2	125.6	425.8	367.9	151.1	5(9.0	47) 5	1717	653.7	542.0	248.4	10.4	615.3	125.6	992.2	88.9 6937	125.6	214.5	102.0 174-4	125.6	227.
14	Manicipal	255.1	\$56.0	1.211.1	247.1	1.277 2	1.544.3		1.568.5	1.855.3		19(3.)	2 255.4	383.1								387
	Industrial	210.2	423.6	625.8	167 6	383.9	551.4	14.4	311.7	439.5	157.8			263.1	2.174.4	2,557.4	403.A	2,4 5.9	2824.7	4-03.4	2.825 9	3.269.
	Sub-and	157.2	1.379.6	1 116.9	454.5	1.565 1	21157		1.9:27	23743		364.4	462.3	586.4		-165.0	1312	225 0	1.61	134,0	485.2	367.
v		74.5	3.0	77.8	967	4.9	191.6	119.0	6.6	124.5	145.5	22195	154.6	176.4		3.025.5	585.0	2345.9	3,230.9	627.4	190.2	
•	issi sura	16	182	19.\$		69.2	22.2	6.5	18.2	207	1.1	18.2		8.9	12.1	158.6	2.9.3		224.6	2424	19,2	261.
	5.5-1.4.1	76.4	21.3	97.7	6.001	23.2	123.8	124.6	24.8	149.3	153.2	27.4	25.9	185.3	30.4	27.6	1.0	18.2 33.6	28.3	[1]	1× 2	24.
	Municipal	103.7	26	- 106.3	142.6	4.9	127.8	189.7	R.O	197,7	247.2				16.8	215.7	1190		2529	253.4	17.4	
••	a state	45.6	523.6	569.3	44.9	523.6	568.6	45.7		509.3		12.0	259 2	314.1		3.40.9	387,7	22.4	419.1	471.3	28.9	5000
	Sol-total	[49.]	- 524 Z	675.6	44.9	528.5			528.6	267.0	45 0 293 3	\$216	568.6	44,9	524.6	547.7	42.9	521.6	546.6	41.6	521.5	565
1.11	Mankind	129.2	3.6	123.5			716.0	235.4	531.6	253.5		5.25.6	H21.8	356.1	547.4	8,9.5	430.5	544.0	976 7	512.5	5.52.5	1,6+5,4
•••	ha har ar ar	\$8.0	77.8		137,0	-	183.6	157.0	96.6	-	176.2	354.5	335.7	194.3	216.9	4112	3%0	281.9	496.9	23).R	343.2	544.0
	Sub-total	- 204.3	31.4	165.8	85.8	77,8 123,6	163.6	141.7	77.8	219.4	139.5	77 1	267_3	120.7	37 B	148,4	175.9	77 k	276 5	224.9	37.5	102
VIII				289.6	22 . 6		347.2	2.4.5	174.3	473.0	315.8	2122	548.0	365.0	294.7	+5+7	* 6.0	359.7	767.7	4457	421.0	855
* 541	Salacija Industrija	載.2 2014	11.0	512	49.5	18,9	67.5	58.4	3++3	KS.2	69.7	- 33	115.0	823	64,7	1470	94.B	\$8.7	183.5	110.6	125.9	2.36.
	Sub trial	60.6	22.0	31.4	34.5	11.0	45.5	4.5	116	57.4	57.E	11,0	58.9	6R 5	110	79.5	79.8	10	90.K	\$9.6	110	EDG 5
~				62.6		29.9	312.9	174.9	41.2	3-15-1	26.1	56.3	103.5	150 8	75.7	226.5	174.6	99.7	2743	20.1	136.9	3,17
	Survicipat	64.3	8.9	73 2	78 5	25.4	193.9	55.5	48,9	141.3	1153	73.7	193.0	107.4	1142	251.3	459.T	157.8	317.5	161.0	199.4	340
	Industrial Subactul	1.4	43	5.7 78 B	9.5	4,3	13.7	19.5	43	23.5	23.0		27.3	27.0		312	31.4	4.3	35.7	35.7	43	\$1) (
	Municipal	65.7	133		37.9	29.7	117.6	111.7		167.0	(38.3	82.0	220.3		118.5	:42.6	1911	1621	35.1.2	215.7	243.7	
^	istunicipie Istuanul	801	3.0	13.1	93.5	19.0	1115	1 9.9	315	450.3	149.6	49.1	198,9	191.9	65.6	257.5	219.6	82.9	322.6	248.1	113.4	1 01 (
	Sabaca	43.3	367.1	210.4	41.8	167.9	2/4.9	42.6	167.3	3.9.3	42.7	67	819.9	\$3.9		2201	63.4	267.5	240.6	75.7	143 J	242
x		12:3	170.2	293.5	135.3	185.1	220.4	351.4	198.6	363.3	192.4	216.4	¥(3.8	244.9	232.7	477.6	3011	250.1	\$53.2	165.7	290.6	611
~	Municipal In Autor 1	27 2	11.7	88.K	\$5.4	21.8	109.2	92.3	41.4	0.0	99.5	623	161.6	163.1	85.3	192.3	113.2	113.9	224.9	119.	139.0	
	Indersonal I	15.5	139.3	215.1	15.5	199 E	214.7	15.7	199.1	2.5.8	29.7	1991	219.R	247	: 99 1	221.8	26.0	1961	227 ;	31.0	1994	ZM,
1.11	Sab-tatal Mareksigat	93.2	210.5	X 4.0	300.9	221.0	32.5	1090	2415	3495	1503	261.3	387.5	1915	283.4	\$15.1	1412	3139	4513	1501	3,78,1	453
~14		65.5	0.0	63.5	109.5	6.0	100.5	147.8	0.0	147 A	2014	9.0	219.4	264.6	21.6	285.2	313.9	58.9	375.9	376.5	1943	475.5
	South storing	6.3	\$5.7	92.0	62	\$3.7	91.9	7.2	85.7	92.9	8.6	BS.7	942	28	85,7	95.5	. 193	857	95.9	117	\$5.7	
	Sub-L-M	74.9	F5.7	157.5	306.7	\$5.7	192.4	155.0	\$5.7	241.7	310,7	94.7	304.3	274,4	F.13	381.7	1.4.5	143.7	471.8	3828	189.9	
- 10 C	o Muticipal	1.155	1,092	2,787	1,450	1.49	2,906	1. 10	1,8,15	3,683	2.164	2 455	-47	2.63	3.6.74	5.6.25	2565	3,621	5.0.1	3,43\$. 06	7.817
	Indexidal.	5:4	1,719	2,214	50 B	1,0 ⁵ 9	2.187	5.37	1,540	2 237	6 1.)	1,600	2,213	Ъю	1,550	\$ 266	762	1250	2 3	8.38	0,61	1,319
	Giord	1.4%9	2.721	4.423	1,967	3.127	5.351	2 3 4	15:5	5,922	2,121	4 85	6 852	3,306	4,595	1,301	3.7.7	5.143	8 N X5	4 245	5,897	10,036

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Table 4-49SHARE OF GROUNDWATER AND SURFACE WATER BY MAJOR RIVER BASIN
FOR MUNICIPAL AND INDUSTRIAL WATER IN HIGH ECONOMIC GROWTH
SCENARIO

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I.

																											(Unit : N	KM Y	- # }
		19	5		د د ممت ه		388				23.5				2010)			201				2.2				2425		
MRE	Mara			an a		Mich		Ĩ.S.	เกิงไ	Mon	cir d	In.	defat	Mung	cipat -	Brickers	6.4	Mari	cipal	In to s	trial	Mari	i pul	beca:st		Shee		13.3.40	
			G¥.					CW.	\$W	GW		¢₩	SW	GW	ŚW	CW.	\$W	¢₩	SW	GW	5*	G₩	5W		24.	¢w.		Ç₩ S	_
A.K.		0.0		19		63	0.0	03	194	13	00	0.5	18.4	10 7	00	6.7	19.4	10	0.0	0.9	194	17.0	60		19.4	10.8	- 0.0		19.4
Laws	\$ 9	60	0.0			12.2	6.0	01	3.4	16.5	69	01	3.4	21.9	00	0.1	3.4	28.3	0.0	0.2	34	35 K	6.0		3.4	44.4	0.0		3.4
05.5	32.4	1.4	5	41	3	39.6	3.2	9.0	44.8	46.7	5.4	124	49.R	55.4	\$2	17.6	44 2	65.D	115		44 8	745		34.9		84.9			64.X 67.3
WERLT.	4.6	14	- 5.7	67	1	\$7.5	32	9.4	67.7	71.5	5.4	110	67.7	680	\$2	1R.4	67.7	107.0	316	25.8	67.7	327.4		365		1531			
C16-) 6	35.4	i e o	0.1		i	26.3	6.0	2)	11	599	0.0	2.9	- 31	761	0.0	40	11	94.4	0.0	5.5	11	112.4	¢.0			134.1			11
AbOrg	14	0.0	C I		i i	1.6	0.0	01	51	18	0.0	01	5.3	19	0.0	02	5.1	21	0.0	6.3	5.1	22	0.0	0.4	53	55	0.0		51
Ohn	25	0.9	0			2.8	0.0	02	92	32	60	0,3	92	3.5	0.0	0.9	92	3.0	6.0	6.5	92	3.9	0.0	0.7	92	3.9	0.0		
WRS H.T.	34.3	6.9				33.7	0.0	2.3	15.4	64 M	6.0	- 3.3	15.4	\$1.5	0.0	4.6	15.4	100.5	0.0	62	15.4	119.4	0.0			140.2			15.4
Panganga	1272	0.0	50	í í Ē	1-3	165.0	42	57 6	14 1	2116	10.6	77 1	14 9	264.1	64.0	611	141	3(3.)	1211	612	111	354.3	(113	68.2		394.3		1126 1	
Agno	37.3	- 00		3 0	1	49.9	352	11.8	07	65 7	- #33	15.8	07	\$1.9	75	129	0.7	103.0	129.4	12.6	0.7	116.3	225.5		0.7	013			07
O(h /s	51.0	20		• 1 ю		65.1	1.9		110.7	¥2.2	5.0	35.8	100.2	KIL4	20.7	29.1	110.7	120.7		28.5		133.2		41.0		1.46.9		52.3 1	
WER HILLING	2155	10		1 1 25		28.20	24.3		125.5	199.5	56 Z	126.7	125.6	449 A	168.8	165.3	\$25.6	542.0	.309.7	165.5	125.6	673.8		147.2		672.5		LAS O P	
Pasig Lagrand Bay	161.2	6431	136	ž žvi	4	ÍNNE -	914.9	нÖ	193 6	1961	1.125.0	12.1	158.9	211.4	1,391.5	HINB	1191	218.1	1,595.5	249.4	79.5	251,1	1,827.2				2 16.6		
Annuy Parist	60					6.6	6.5	0.0	01	6.0	0.0	01	0.1	00	0.0	0.0	01	0.0	0.0	0.1	01	00	61	01	61	. 01	0.1		01
Oho		230				106.9	35.9		185.6	119.0	426.8	603	13851	128.9	530.2	52.6	155.4	144.9	613.3	723	185.3	151.0		62.2		165.6		64.8.1	
WER-IN, Taka	2551					287.1	1,275 %			3(72	1,5514	189	344.2	3493	1,901.5	1663	304.4	387.8	2.2.9.0	221.8	264.7	\$33.8	2,5.18 4	190.7	-		3.073.3		
Brid	N)	- ēč	0	<u>, , , , , , , , , , , , , , , , , , , </u>	1	379	6.0	24	≣ £ir	461	60	11	21	564	0.0	3.9	21	680	0.0	52	51	800	0.0			923		96	
Oben	- 151	3.0				58.7	4.9	1.1		719	6.6	4.)	161	89.1	91	5.5	161	108.5	121		14 E	129.0	15.6			149 B	19.2		
WER V. T. V.	74 B				2	967	4.9	5 6	182	118.0	6.5	7	2 18.2	145.5	91	9,4	182	176.4	>23	£2.4	34.5	X%.0	15.6			242 D		22.9	
P	101	2	- ō	i 13	<u>Г9</u> Г	0.1	44	- a.i	- 19	2)	72	- 01	1 19	0.1	10.5	0.1	19	0.3	152	0.2	19	(1	20,3			0.1	24.3		1.9
Rog Hilabangoa	16.9	0.0		5 14		26.5	0.0	Ω	140.7	23.1	60	16	2 1 40 7	26.3	0.0	18.0	140.7	29.4	0.0	19.5	140.7	320	0.0		140,7	34.6	0.0		
Léar	124	0.0	0	3 9	32	21.3	0.0	0 2	01	33.0	60	- A-	4 02	47.9	0.0			66 Đ	0.0			\$7.0	0.0			111.5	0.0		02
055	141	0.3	1 33	7.39	19	101.0	0.5	34.3	9.076	03.5	0.1	47.	6.030.9	1729	- 1.)		110.9	218.5	16		381.9	268.5	21		387.9	325.2		61.4	
458 VI 1 4	103.7	21	4.5	6 52	1.6	142.6	4.9	10.	\$ \$23.6	189,7	3.0	64	4 523.6	2472			521.6	314.1	161		\$27.6	387.7		122		473.3		8575	
WERVILLA.	-12/2	$-\infty$	5'' R R	5.7	1,1	TAT.		88.	57773	132.0	36.6	154	5° 77.1			EUD		1943		210.3		240		238.4					
WRR VIILT OF	C-2	- 3E	57 XI	3.1	T.Ø 🗆	43 6	13.5	- 3R I	ड अ ठ	7 ° 55 U	30 2	51	5-TEC				100			95,7				1122		1105		184.5	
WER IN THE	- 613	- B.	51	з г т	11	78.5	25.3	q	4.5	55.5	19.5	120	3 1.3	112.2	12.1	1.543	10	1381	I I I I				\$571		- 13				
Agrician	5.7	0) (1	11	64	2.0	0	- i i i	9.0	ñ.e	ĩ Đ	1 11	123	0.0			- 19.3		5 61			0.0			29.1	0.0		
T sy. il. soft	110	б .	8 15	9 2	1,6	14.5	4.1	15.	a 29.7	15.8	8 2	18	2 29 7	16.5	123			14.5	11.3			15 B	220		•	14.7	33.9		
Cog is in De Ora	549	1	8 23	1.3	94	645	16.5	22	1 39.4	612	- 141	26	1 39.4	1 10A.S	26.4	1 27.5	39.4	142.N	37.3		39.4			552		222 2		76.5	
Otars	6.5	0	s i	L6 9	62	8)	24	a (4 195 2	1 0.5	5 5 5	5	2 96.2					- 15.3	101					5 41 1		22.0		154	
WER N. T.A.P.	80.1	3	0 43	13-16	7.	93.5	18.0) 4?	0 167 1	118.9) M S	49	6 147					191.9	65		167.)			U 105.]		288.			39.1
Lann Line grown	4.	1	0 1	33.3	91	4.6	0.0) 0	3 19.1	\$9	P.(3 39.	1 54	0.	э ¢;	\$ 391	56			5 39 1	59			39.1	6.3	0.0		
Buayno Malunain	8 .		0	1633	S1	9.7	2.5	э. Э.	9 I 20 L	10.1	i 33	s 4	.6 1 19.	1 I.I				128	3.		5 129 8				129.1	13.8	11.9		
Davas	61	, ,	6 1	9.1	05	66.2	15	10.	0 14.6	71.3	37.0	11	7 10.				0 10 6		55.					• • -		921	90.6		-
CALL IN	4	2.3	a - 1	6	9. I	4.9		۱ (6 303				9 30					6.3								6.9 1 (9 1	36.5		20,3
WER XUTHE	33.	2 11	7.1	5.0 JS	¥1	63.4	23.	B 15	E 1991	923	41	4 38	3 199						\$3.		5 1 59.1				199.)				
Sin. n. p	46	5 T	.9	4.3	9.6	~7Š3	67	5 4	6 96	114.	· 60		4 9										0.				12	156	
Ages	5.	9 P	0	04	22	16 5		n 0	5 72 2				5 72				1 122		-							47.9	на. 0.5		
0.5.0	13.	6 C	£		3.9	- 152			.R 3.5				1 3						· 0									20	
WRR XII. THU	E.S.	s e	o	6.3	15.7	100.5	ь e		B NS.1				0 85			_	5 850		_		7 85.7			5 17.0				1.22	
N.o willed		51.3		F(¥ 1)	719	1.15			1.1.67				1.64				X LAX				e 12%			6 1.05. 2.593		3,411		2742	
3117-4.6	2.38	7	2	214 -		-1904		2 2	12	3,65	6	2,3	51	4,68	3	2.32	26	5,7,21		2 - 1	u	6.923		2.992	,	a 200			

Table 4-50SHARE OF GROUNDWATER AND SURFACE WATER BY MAJOR RIVER BASIN
FOR MUNICIPAL AND INDUSTRIAL WATER IN LOW ECONOMIC GROWTH
SCENARIO

	JUMAN						(Unit - KCM Your)
			245	3010	295	203)	21/25
NEB	1995 Morskipal foctourial	2000 Musicipal Indrand	Sheucipal Industrial	Municip.d Exhisting	Municipal Industrial	Municipal Instantial	Municipal Industrial
210.0	CH SW GH SW	GN SW CW SW	CW SW GW SW	GW SW GW SW	GW SW GW SW	GW SW GW SW	GW SW GW SW
	17 00 01 194	6.1 0.0 0.3 19.4	8.) 0.0 0.8 19.4	10.2 0.0 0.5 19.4	13.7 0.9 0.7 19.4	17.0 0.0 0.8 19.4	20.8 0.0 0.9 19.4
i a og	8.9 0.0 0.0 3.4	122 0.0 0.1 34	16.5 0.0 01 3.4	21.9 0.0 0.1 3.4	29.3 0.0 0.1 3.4	35.8 0.9 0.2 3.4	\$1.6 (10 02 3.4
05.6	324 14 51 44%	39.0 3.2 81 44.6	45.7 5.4 11.2 41.8	554 82 34,4 44,8	65.0 \$1.6 \$7.7 \$4.8	74.5 15.5 21.1 44.8	84.9 19.9 24.1 44.8
WKR I. T	4/.0 1.4 5.3 67.7	37.5 3.2 8.5 67.7	715 54 11.8 67.7	88.0 62 15.0 67.7	197.0 11.6 18.5 67.7		150 1 19.9 25 2 67.7 134 E 0.0 5.8 ET
Cagagar	354 0.9 6.6 1.1	36.3 60 1.6 1.1	589 0.0 24 F.L	761 90 33 11	94.4 0.0 3.9 1.1	10.4 0.0 1.0	
Alle's	1.4 0.0 0.0 5.1	16 00 01 51	18 0.0 0.1 5.5	1.9 0.0 02 5.1	21 0.0 0.2 51	22 20 02 51	22 0.0 02 51 3.9 0.0 0.5 92
Othia	25 0.0 01 92	28 0.0 01 92	32 0.0 0.2 92	35 0.0 03 92	3.8 0.0 0.3 92		3.9 0.0 5.8 15.4
WER N. T. GI	39.3 0.0 07 154	50.7 0.0 1.9 15.4	618 K.0 3.0 154	81.5 1.0 3.7 15.4	1002 00 45 154 3083 983 438 141		374.3 1228 61.4 14.1
Pargaras	127.2 0.0 50.3 14.3	1450 4.9 526 143	211.6 123 61.1 141	264.3 45.4 55.3 14.1	103.0 122.2 9.0 0.7		131.3 307.4 12.5 0.7
Agree	37.3 1.0 10.3 07	49.9 18.3 10.8 0.7	45.7 40.6 13.8 0.7	63.9 71.9 11.4 0.7 101.4 22.5 25.7 110.7	• • • • • • • • • • •	133.2 29.7 24.7 110.7	
Other D	510 60 213 107	651 23 245 1907	622 57 34.2 130.7 359.5 38.6 112.0 125.5	- 101.4 22.5 25.7 110.7 - 449.6 142.8 92.4 125.6			672.5 487.3 102.0 125.6
W83 DL L	213.5 10 63.7 1256	280.9 25.5 #7.9 125.6 1901 925.8 112.9 198.5	1981 1163 973 138.9	2104 1.367.0 106.3 119.2			2778 20400 124.0 0.6
Prightante	612 6933 136 2 2984 69 00 01 01	0.0 0.0 0.0 01	6.0 6.0 6.0 6.1	00 00 00 01	6.9 6.0 6.1 6.1	6.0 6.0 6.0 01	0) 0.0 0.1 0.3
Aranay Pare &	69 00 01 01 939 2630 659 851	126.9 3514 546 1551	1150 4023 421 1854	128.9 S25.1 51.5 185.1	141.9 612.1 66.3 185.1	15.1.0 672 8 59.4 185.4	165.6 285.9 6ND 185.0
(35.7) 828 (V.7.44)	2551 956.0 242 2 421.6	287.1 1.277.2 1676 383.9	317.2 1.5(8.6 148.4 344.2	340 3 1,915.6 157.8 304.4	393.1 2.174.4 203.3 254.7	403.8 2,420.9 181.2 225.0	443.4 2,825.9 184.9 185 Z
Red L	247 64 67 24	379 69 16 21	#1 0.0 27 21	564 00 32 21	63.0 0.0 3.7 21	\$5.0 6.0 4.2 2.1	921 0.3 47 21
() () () () () () () () () () () () () (45.) 3.5 0.9 (6.1	55.7 4.9 23 163	719 65 3.8 161	19.1 9.1 4.5 16.1	108.5 121 52 161	129.0 45.6 5.8 16.1	149.3 19.2 6.5 161
V18 V.1 / J	74.5 30 1.6 122	96.7 49 39 182	1180 6.6 65 182	145.5 9.1 7.7 18 2	176.4 \$28 8.9 18.2	269.0 15.5 10.9 16.2	2420 192 111 182
Pros	01 23 03 3.9	0.1 3.4 0.3 1.9	(0.) 7.2 0.1 1.9	01 10.8 0.1 19	3.1 152 0.1 1.9		0.1 24.2 0.1 1.9
By Blackson	159 60 115 140	25.0 0.0 11.3 140.7	23.1 0.0 115 145.7	26.3 0.0 113 140.7			34.6 0.0 10.5 140.7
Ja'at	125 00 03 02	21.3 0.0 0.3 0.2	13.0 0.0 0.3 0.2				1113 0.0 03 02
ON D	74.1 0.2 03.1 384.9	1016 0.5 33.2 380 9	- 638.5 - 6.8 - 3.8 - 3.80.9				325.2 27 30.8 383.9
¥ KR NLT 😅	103.7 2.6 45.6 521.6	1426 4.9 44.9 523.5	1827 8.0 45.7 523.6				421.3 28.9 41.6 521.6
N KR N# 1+4	1212 36 88.0 11.4	1378 458 R5K 773	1570 966 141.7 778				23/8 553.7 224.9 77.8
WKP MILL T val	412 110 204 110	48.6 18.9 34.5 310					110.6 125.9 89.6 110
W82 IN 3 44	64.3 8.9 1.4 4.3	A REAL PROPERTY AND A REAL PROPERTY AND A REAL PROPERTY.	\$5.5 4K0 (92 43				281 6.0 0.1 13
Agism	53 99 01 18	64 6.0 0.1 1.8	90 CO 03 L				14.7 29.8 29.8 29.7
Tagton	13-5 - 9.8 - 15-9 - 29.7	14.6 4.7 15.7 29.7	15.8 8.2 15.6 29.7				2222 65.3 39.8 39.4
Cagagian De Crito	54.9 1 22 7 39 4						22.0 18.4 8.0 952
K kin ⊐	69 D. 46 M.	8.1 2.9 44 56 2					268 1 . 113.4 75.7 167.1
WKR X. T-Kat	873 3.0 43.3 167.0		113.9 31.5 426 157.1 49 0.0 0.3 29				69 00 06 39.3
t que l'augrese	4,3 4,6 (0.3 19,1	4.5 0.0 0.3 19.1 9.7 2.0 3.9 129.1					13.8 11.9 7.7 1241
Hugan MC marin							92.0 90.6 19.6 19.5
(les an	- 653 7,6 101 107 42 31 16 35						6.9 16.5 3 2 21.3
Ohan .	72 117 160 120	R5.4 23.8 15.5 199.1					119.1 139.0 310 1991
4388 NJ: 1 - 6	15.0 0.0 4.3 90						3072 0.6 76 9.6
M-N-F-F	59 00 84 72				-	2 399 513 0.7 727	47.9 103.5 08 722
Ара Оска	13.6 9.0 16 3/					9 17.9 02 27 3.9	16.4 0.2 2.9 3.9
WER VILLAN	68.5 6.9 6.3 85				7 264.6 21.6 98 85.	7 317.9 SK.0 30.2 \$5.7	
52.6136	1155 1 (0) 514 1.7;				0 2.80 3184 7/6 1.55	17 2,485 3,7X7 762 1,527	
M8944	2 187 2 234	2.9% 2,187	3,685 2247	4,649 2.213	5.A35 2.2%	6,685 2,283	8,008 2,319