



Republika ng Pilipinas
PAMBANSANG PANGASIWAAN NG PATUBIG
(National Irrigation Administration)
EDSA, Diliman, Quezon City

YEAR END REPORT TO THE PRESIDENT

2001

15 February 2002

Her Excellency
President Gloria Macapagal-Arroyo
Malacañang Palace
J.P. Laurel St., Metro Manila

SUBJECT : Year-End Progress Report of the
National Irrigation Administration

Dear Madam President:

I have the honor to submit the Year End Progress Report of the National Irrigation Administration for Calendar Year 2001.

Thank you for your support to Irrigation Development.

Respectfully yours,

JESUS EMMANUEL M. PARAS
Administrator

cc: The Secretary
Department of Agriculture

YEAR END REPORT TO THE PRESIDENT

**Republic of the Philippines
NATIONAL IRRIGATION ADMINISTRATION
Quezon City**

December 31, 2001

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ABBREVIATIONS/ACRONYMS USED

AAISIP	-	Apayao-Abulog Irrigation Systems Improvement Project
ADB	-	Asian Development Bank
AFMA	-	Agriculture and Fisheries Modernization Act
AIDP	-	Agri-Institutional Development Project
ARC	-	Agrarian Reform Communities
ARCDP	-	Agrarian Reform Community Development Project
ARIIP	-	Agno River Integrated Irrigation Project
ARISP	-	Agrarian Reform Infrastructure Support Project
BBMP	-	Balog-Balog Multi Purpose Project
B	-	Billion
BIP II	-	Bohol Irrigation Project II
BRISP	-	Bago River Irrigation System Improvement Project
BSPP	-	Balikatan Sagip Patubig Program
CAR	-	Cordillera Administrative Region
CARP-IC	-	Comprehensive Agrarian Reform Program – Irrigation Component
CIP or CIS	-	Communal Irrigation Project or System
CHARMP	-	Cordillera Highland Agricultural Resource Management Project
CMIPP-IC	-	Casecnan Multipurpose Irrigation and Power Project – Irrigation Component
C.O.	-	Central Office
CY	-	Calendar Year
DA	-	Department of Agriculture
DAR	-	Department of Agrarian Reform

FAPs	-	Foreign-Assisted Projects
FSDE	-	Feasibility Study and Detailed Engineering
GAA	-	General Appropriations Act
GARO	-	General Allotment Release Order
GOP	-	Government of the Philippines
ha	-	hectare
IA	-	Irrigators' Association
IBRD	-	International Bank for Reconstruction and Development (The World Bank)
IOSP-II	-	Irrigation Operation Support Project II
IP	-	Irrigation Project
ISIP	-	Irrigation Systems Improvement Project
JBIC	-	Japan Bank for International Cooperation (formerly Overseas Economic Cooperation Fund of Japan (OECF))
JICA	-	Japan International Cooperation Agency
KIADP	-	Kabulnan Irrigation and Area Development Project
km	-	kilometer
LADP	-	Lower Agusan Development Project
LFPs	-	Locally-Funded Projects
LGU	-	Local Government Units
LP	-	Loan Proceeds
M	-	Million
MMIP	-	Malitubog-Maridagao Irrigation Program
MOA	-	Memorandum of Agreement
MRDP	-	Mindanao Rural Development Project

MRIIS	-	Magat River Integrated Irrigation Systems
NCA	-	Notice of Cash Allocation
NCAA	-	Non-Cash Availment Authority
NIA	-	National Irrigation Administration
NIP or NIS	-	National Irrigation Project or System
O&M	-	Operation & Maintenance
PC	-	Peso Counterpart
PDAF	-	Priority Development Assistance Fund
PDDP-IC	-	Pampanga Delta Development Project-Irrigation Component
PHF	-	Post-Harvest Facilities
PIP	-	Pump Irrigation Project
RAAMPE	-	Rehabilitation of Affected Areas of Mt. Pinatubo Eruption
RDPP	-	Rural Development Pilot Project for Muslim Mindanao Peace Promotion
REGPP	-	Repair/Establishment of Groundwater Pump Project
rehab	-	rehabilitation
RIP or RIS	-	River Irrigation Project or System
SEC	-	Securities and Exchange Commission
SPISP	-	Southern Philippines Irrigation Sector Project
SRIP	-	Small Reservoir Irrigation Project
SRMP-IC	-	San Roque Multipurpose Project – Irrigation Component
TGISRP	-	Tarlac Groundwater Irrigation Systems Reactivation Project
TRA	-	Tax Remittances Allotment
UPRIIS	-	Upper Pampanga River Integrated Irrigation Systems
WRDP	-	Water Resources Development Project

EXECUTIVE SUMMARY

The agency continued the implementation of eleven foreign-assisted national projects, thirteen locally-funded projects and the irrigation component of CARP, ARISP, ARCDP, CHARMP and MRDP. Other activities are the repair and rehabilitation of national and communal systems; organization and development of irrigators' associations and project preparation activities.

The CY 2001 program included the: generation of 23,540 ha; rehabilitation of 64,377 ha; repair/rehabilitation of 180 km of drainage and flood protection systems; construction, repair/rehabilitation of 1,189 km of farm-to-market roads in NIS; strengthening of 169 IA; conduct of feasibility studies and detailed engineering design; construction of dams and the sustenance of the O&M of NIS.

As of December 2001, accomplishments were the generation of 21,050 ha and rehabilitation of 148,122 ha in existing irrigation systems, the repair of 1,048 km of drainage and flood protection systems and the repair of 955 km of service/access roads.

There were ninety-six IA organized in various irrigation systems covering 26,037 ha, thirty-four IA in NIS covering 13,176 ha and sixty-two IA in CIS covering 12,861 ha. One thousand two hundred thirteen IA were strengthened nationwide covering an area of 272,090 ha. Ninety-eight IA were registered with the Securities and Exchange Commission (SEC). Two hundred twelve new IA entered into contract with NIA to operate and maintain sections of NIS or to fully manage CIS while 998 IA renewed their contracts.

As of the end of the year, the feasibility studies / detailed engineering of three projects were substantially completed. These projects were: the Cuyapo Deepwell IP, Anilao SRIP and San Roque Multipurpose Project – IC with more than 90% accomplishment.

Irrigation Development for the year involved a funding requirement of ₱8.041 B, broken down as follows: ₱4.935 B Re-enacted Budget, ₱2.315 B Carry-over funds and ₱0.791 B inter-agency funds. The allotment releases, as of December 2001, amounted to ₱7.764 B. Correspondingly, cash and non-cash receipts (NCA/NCAA) amounted to ₱4.770 B. Obligations incurred amounted to ₱6.739 B.

In 1992, the implementation of locally-funded communal irrigation projects/systems were devolved to the Local Government Units (LGU). The LGU are primarily responsible in undertaking the rehabilitation works or they may request NIA to carry out some items of work where they lack the capability to undertake. In the spirit of the “devolution” and to augment the limited budget of LGU for their development project, the Balikatan Sagip Patubig Program (BSPP) was launched by the Department of Agriculture (DA) in Dec. 1999. The BSPP is a counterparting scheme among DA/NIA, LGU and IA for the repair and rehabilitation of CIS. DA initially allocated P100M for the program. As of December 31, 2001, some 169 LGU (46 provinces and 169 municipalities) and 453 IA have signed Memorandum of Agreement (MOA) with DA/NIA to carry out construction / rehabilitation of some 663 CIS covering 47,090 ha.

The construction / rehabilitation of 663 irrigation systems is now implemented under the BSPP. Some 180 ha new areas were generated and 2,387 ha were rehabilitated as of the end of the year.

The Agency now manages 191 NIS nationwide with a total service area of 689,010. Area irrigated during the dry season (November 2000 to April 2001) was 474,620 or 97.49% of the programmed area of 486,832 ha. While during the wet season (May 2001 to October 2001), the area irrigated was 503,223 ha or 93.02% of the programmed area of 540,964 ha. The irrigated cropping intensity attained was 142 percent.

NIA provided adequate equipment for the construction, rehabilitation of existing irrigation and O&M activities. As of the end of the year, overall equipment operability of 86% was attained.

TABLE NO. 1
SUMMARY OF FINANCIAL STATUS
(In Thousand Pesos)

Category	CY 2001 PROGRAM			
	Approved Program	Releases (January to December 2001)		
		Allotment	Cash/ Non-Cash Support	Obligation
Foreign-Assisted Projects	3,140,444	2,981,677	1,739,400	2,338,101
Locally Funded Projects	1,794,965	1,655,965	-	1,589,268
Others	-	-	913,733	-
Total for Regular Program	4,935,409	4,637,642	2,653,132	3,927,369
Carry-Over Program	139	139	177	139
Inter-Agency Program	790,920	975,892	825,194	596,710
Total for Irrigation	5,726,467	5,613,672	3,478,504	4,524,218

Category	CARRY-OVER FUNDS			
	Unobligated Balance as of Dec. 2000	Releases (January to December 2001)		
		Allotment/ Realignment	Cash/Non-Cash Support	Obligation
Foreign-Assisted Projects	1,162,955	1,163,545	673,181	1,215,896
Locally Funded Projects	890,758	890,758	-	887,223
Others	-	-	538,106	-
Total for Regular Program	2,053,712	2,054,302	1,211,288	2,103,119
Carry-Over Program	95,901	95,901	33,747	24,428
Inter-Agency Program	165,310	-	46,060	87,580
Total for Irrigation	2,314,923	2,150,203	1,291,095	2,215,128

Category	CY 2001 PROGRAM AND CARRY-OVER FUNDS			
	Approved Program/ Unobligated Balance	Releases (January to December 2001)		
		Allotment/ Realignment	Cash/ Non-Cash Support	Obligation
Foreign-Assisted Projects	4,303,398	4,145,221	2,412,581	3,553,997
Locally Funded Projects	2,685,723	2,546,723	-	2,476,491
Others	-	-	1,451,839	-
Total for Regular Program	6,989,121	6,691,944	3,864,420	6,030,489
Carry-Over Program	96,040	96,040	33,925	24,567
Inter-Agency Program	956,230	975,892	871,254	684,290
Total for Irrigation	8,041,391	7,763,876	4,769,599	6,739,346

SUMMARY OF PHYSICAL STATUS

Key Indicator	CY 2001 PROGRAM		Carry-Over (Actual)	Total Actual
	Revised Target	Actual		
New Area (ha)	23,540	15,885	5,165	21,050
Rehab Area (ha)	64,377	61,606	86,516	148,122
Drainage (km)	180	264	784	1,048
Roads (km)	1,189	582	373	955
Irrigated Area (ha)				
Wet Season (May - October 2001)	540,964	503,223	-	503,223
Dry Season (November 2000-April 2001)	486,832	474,620	-	474,620

TABLE NO. 2
PHYSICAL STATUS OF IRRIGATION PROJECTS
CY 2001 PROGRAM
AS OF DECEMBER 31, 2001

Category	Irrigable Area (ha)	Area (ha)					
		Revised Target	CY 2001 Actual (January to December 2001)			Remaining Area out of CY 2001 Target	Actual To Date
			Against CY 2001 Target	Carry-Over Program	Total		
I. FOREIGN-ASSISTED PROJECTS							
A. ONGOING	N 100,736	13,692	10,719	-	10,719	2,973	26,402
	R 129,947	18,230	16,356	-	16,356	1,874	56,759
TOTAL FOR FOREIGN-ASSISTED PROJECTS	N 100,736	13,692	10,719	-	10,719	2,973	26,402
	R 129,947	18,230	16,356	-	16,356	1,874	56,759
II. LOCALLY FUNDED PROJECTS							
A. ONGOING	N 130,512	4,288	2,437	-	2,437	1,851	17,959
	R 88,689	6,702	8,582	-	8,582	(1,880)	26,399
	Irrig. Area, ha						
	WS	540,964	503,223	-	503,223	37,741	503,223
	DS	486,832	474,620	-	474,620	12,212	474,620
B. CONTINUING ACTIVITIES	R	35,760	31,516	17,800	49,316	4,244	49,316
	Dr.	180	264	784	1,048	(84)	1,048
	Rd.	1,189	582	373	955	607	955
	PS, No.	8	3	-	3	5	3
	DD, No.	56	51	-	51	5	51
	IA Dev., No.	169	96	-	96	73	401,348
TOTAL FOR LOCALLY FUNDED PROJECTS	N 130,512	4,288	2,437	-	2,437	1,851	17,959
	R 88,689	42,462	40,098	17,800	57,898	2,364	75,715
	Dr.	180	264	784	1,048	(84)	1,048
	Rd.	1,189	582	373	955	607	955
	Irrig. Area, ha						
	WS	540,964	503,223	-	503,223	37,741	503,223
	DS	486,832	474,620	-	474,620	12,212	474,620
	PS, No.	8	3	-	3	5	3
	DD, No.	56	51	-	51	5	51
	IA Dev., No.	169	96	-	96	73	401,348
TOTAL FOR REGULAR PROGRAM	N 231,248	17,980	13,156	-	13,156	4,824	44,361
	R 218,636	60,692	56,454	17,800	74,254	4,238	132,474
	Dr.	180	264	784	1,048	(84)	1,048
	Rd.	1,189	582	373	955	607	955
	Irrig. Area, ha						
	WS	540,964	503,223	-	503,223	37,741	503,223
	DS	486,832	474,620	-	474,620	12,212	474,620
	PS, No.	8	3	-	3	5	3
	DD, No.	56	51	-	51	5	51
	IA Dev., No.	169	96	-	96	73	401,348

TABLE NO. 2
PHYSICAL STATUS OF IRRIGATION PROJECTS
CY 2001 PROGRAM

AS OF DECEMBER 31, 2001

Category	Irrigable Area (ha)	Area (ha)						Remaining Area out of CY 2001 Target	Actual To Date
		CY 2001							
		Revised Target	Actual (January to December 2001)						
			Against CY 2001 Target	Carry- Over Program	Total				
III. <u>CARRY-OVER PROGRAM</u>	N 9,822	-	-	4,369	4,369	-	4,534		
	R 109,007	-	-	67,710	67,710	-	75,558		
IV. <u>INTER-AGENCY PROGRAMS</u>	N 64,121	5,560	2,729	796	3,525	2,831	8,761		
	R 41,284	3,685	5,152	1,006	6,158	(1,467)	14,489		
TOTAL FOR IRRIGATION PROJECTS	N 305,191	23,540	15,885	5,165	21,050	7,655	57,656		
	R 368,927	64,377	61,606	86,516	148,122	2,771	222,521		
	Dr.	180	264	784	1,048	(84)	1,048		
	Rd.	1,189	582	373	955	607	955		
	Irrig. Area, ha								
	WS	540,964	503,223	-	503,223	37,741	503,223		
	DS	486,832	474,620	-	474,620	12,212	474,620		
	PS, No.	8	3	-	3	5	3		
DD, No.	56	51	-	51	5	51			
IA Dev., No.	169	96	-	96	73	401,348			

N - New Area, in hectares
R - Rehab Area, in hectares
WS - Irrigated Area during Wet Season, in hectares
DS - Irrigated Area during Dry Season, in hectares

PS - Project Studies
DD - Detailed Design
Dr. - Length of Drainage in kilometers
Rd. - Length of Roads in kilometers

TABLE NO. 3
FINANCIAL STATUS OF IRRIGATION PROJECTS
CY 2001 PROGRAM
(In Thousand Pesos)

<i>Project</i>	<i>REGULAR CY 2001 PROGRAM</i>				<i>CARRY-OVER FUNDS</i>				<i>REGULAR CY 2001 PROGRAM & CARRY-OVER FUNDS</i>			
	<i>CY 2001 Program</i>	<i>January 1 - December 31, 2001</i>			<i>Unobligated Balance as of Dec. 2000</i>	<i>January 1 - December 31, 2001</i>			<i>CY 2001 Program</i>	<i>January 1 - December 31, 2001</i>		
		<i>Releases</i>		<i>Obligation</i>		<i>Releases</i>		<i>Obligation</i>		<i>Releases</i>		<i>Obligation</i>
		<i>Allotment</i>	<i>Cash/ Non-Cash Support</i>			<i>Allotment/ Realign-ment</i>	<i>Cash/ Non-Cash Support</i>			<i>Allotment</i>	<i>Cash/ Non-Cash Support</i>	
I. FOREIGN-ASSISTED PROJECTS												
A. ONGOING	PC 1,052,478	971,746	422,953	882,974	473,998	473,998	92,873	473,368	1,526,477	1,445,745	515,826	1,356,342
	LP 2,087,966	2,009,930	1,316,447	1,455,127	688,956	689,546	580,309	742,528	2,776,922	2,699,477	1,896,755	2,197,656
	TP 3,140,444	2,981,677	1,739,400	2,338,101	1,162,955	1,163,545	673,181	1,215,896	4,303,398	4,145,221	2,412,581	3,553,997
TOTAL FOR FOREIGN-ASSISTED PROJECTS	PC 1,052,478	971,746	422,953	882,974	473,998	473,998	92,873	473,368	1,526,477	1,445,745	515,826	1,356,342
	LP 2,087,966	2,009,930	1,316,447	1,455,127	688,956	689,546	580,309	742,528	2,776,922	2,699,477	1,896,755	2,197,656
	TP 3,140,444	2,981,677	1,739,400	2,338,101	1,162,955	1,163,545	673,181	1,215,896	4,303,398	4,145,221	2,412,581	3,553,997
II. LOCALLY FUNDED PROJECTS												
A. ONGOING	PC 979,965	882,465	-	832,527	264,231	264,231	-	217,813	1,244,196	1,146,696	-	1,050,339
B. CONTINUING ACTIVITIES	PC 815,000	773,500	-	756,742	626,526	626,526	-	669,410	1,441,526	1,400,026	-	1,426,152
TOTAL FOR LOCALLY FUNDED PROJECTS	PC 1,794,965	1,655,965	-	1,589,268	890,758	890,758	-	887,223	2,685,722	2,546,722	-	2,476,491
III. OTHERS	PC -	-	913,733	-	-	-	538,106	-	-	-	1,451,839	-
	LP -	-	-	-	-	-	-	-	-	-	-	-
	TP -	-	913,733	-	-	-	538,106	-	-	-	1,451,839	-
TOTAL FOR REGULAR PROGRAM	PC 2,847,443	2,627,711	1,336,686	2,472,242	1,364,756	1,364,756	630,979	1,360,591	4,212,199	3,992,467	1,967,665	3,832,833
	LP 2,087,966	2,009,930	1,316,447	1,455,127	688,956	689,546	580,309	742,528	2,776,922	2,699,477	1,896,755	2,197,656
	TP 4,935,409	4,637,642	2,653,132	3,927,369	2,053,712	2,054,302	1,211,288	2,103,119	6,989,121	6,691,944	3,864,420	6,030,489

TABLE NO. 3
FINANCIAL STATUS OF IRRIGATION PROJECTS
CY 2001 PROGRAM
(In Thousand Pesos)

Project	REGULAR CY 2001 PROGRAM				CARRY-OVER FUNDS				REGULAR CY 2001 PROGRAM & CARRY-OVER				
	CY 2001 Program	January 1 - December 31, 2001			Unobligated Balance as of Dec. 2000	January 1 - December 31, 2001			CY 2001 Program	January 1 - December 31, 2001			
		Releases		Obligation		Releases		Obligation		Releases		Obligation	
		Allotment	Cash/ Non-Cash Support			Allotment/ Realignment	Cash/ Non-Cash Support			Allotment	Cash/ Non-Cash Support		
III. <u>CARRY-OVER PROGRAM</u>	PC	139	139	177	139	28,267	28,267	2,744	12,888	28,406	28,406	2,922	13,027
	LP	-	-	-	-	67,634	67,634	31,003	11,540	67,634	67,634	31,003	11,540
	TP	139	139	177	139	95,901	95,901	33,747	24,428	96,040	96,040	33,925	24,567
V. <u>INTER-AGENCY PROGRAMS</u>	PC	790,920	256,372	257,334	219,540	121,680	-	46,060	87,580	912,600	256,372	303,394	307,120
	LP	-	719,520	567,860	377,170	43,630	-	-	-	43,630	719,520	567,860	377,170
	TP	790,920	975,892	825,194	596,710	165,310	-	46,060	87,580	956,230	975,892	871,254	684,290
TOTAL FOR IRRIGATION	PC	3,638,502	2,884,222	1,594,197	2,691,921	1,514,703	1,393,023	679,783	1,461,059	5,153,205	4,277,245	2,273,980	4,152,980
	LP	2,087,966	2,729,450	1,884,307	1,832,297	800,220	757,180	611,312	754,069	2,888,186	3,486,630	2,495,619	2,586,366
	TP	5,726,467	5,613,672	3,478,504	4,524,218	2,314,923	2,150,203	1,291,095	2,215,128	8,041,390	7,763,875	4,769,599	6,739,346

NOTE:

CY 2001 PROGRAM includes CY 2001 Regular Appropriations and Other Sources

CARRY-OVER PROGRAM includes balances from CY 2000 Regular Appropriations, Unprogrammed Fund and Other Sources

PC - Peso Counterpart

LP - Loan Proceeds

TP - Total in Pesos

NCA - Notice of Cash Allocation

TRA - Tax Remittances Allocation

**PROJECT
DEVELOPMENT
AND
IMPLEMENTATION**

I. Implementation of Irrigation Projects

The agency continued the implementation of various projects under its regular program and inter-agency projects. Targets for CY 2001 included generation of 23,540 ha of new areas for irrigation, rehabilitation of 64,377 ha in existing irrigation systems, repair of 1,189 km of service/access roads and 180 km of drainage and flood protection systems in the national and communal systems.

Total amount programmed for irrigation for CY 2001 was ₱8.041 B, broken down as follows: ₱4.935 B Re-enacted Budget, ₱2.315 B Carry-over funds and ₱0.791 B inter-agency funds. The allotment received, as of December 2001, was ₱7.764 B with corresponding cash/non-cash support of ₱4.770 B including releases for carry-over projects. Obligations incurred amounted to ₱6.739 B.

Correspondingly, accomplishments included the generation of 21,050 ha and rehabilitation of 148,122 ha in irrigation systems. The 955 km length of service/access roads and 1,048 km of drainage and flood protection system were also repaired.

The details of funding, targets and accomplishments under the regular program, inter-agency projects and carry-over projects are presented below:

1. Regular Program

The CY 2001 approved capital investment for NIA's regular program was ₱4.935 B; ₱2.847 B from GOP counterpart and ₱2.088 B from proceeds of loans from IBRD, ADB, JBIC, and JICA grants.

Physical targets for CY 2001 included the generation of 17,980 ha, the rehabilitation of 60,692 ha, the repair of 1,189 km of service/access roads in NIS and the repair of 180 km of drainage and flood protection systems in the national and communal systems.

As of December 2001, allotment releases amounted to ₱6.692B. Correspondingly, cash/non-cash releases amounted to ₱3.864B. Obligations incurred were ₱6.030 B including carry-over funds from previous year's allotment.

Accomplishments included the generation of 13,156 ha, rehabilitation of 56,454 ha in existing irrigation systems, repair of 582 km of service/access roads in NIS and repair of 264 km of drainage and flood protection systems in NIS and CIS.

2. Carry-over Projects

a. Locally-Funded Projects

Carry-over projects from CY 2000 Program were pursued during the year. These included: Basey IP and various continuing activities which were realigned to El Niño Program sometime in the last quarter of CY 2000 to mitigate the effects of El Niño in CY 2001.

As of December 2001, these projects were able to generate 4,369 ha new areas and rehabilitate 85,510 ha. Accomplishments also included the repair of 373 km of service / access roads in NIS and repair of 784 km of drainage and flood protection systems in NIS and CIS.

These projects utilized the carryover fund balances in CY 2000.

b. Balikatan Sagip Patubig Program

In December 1999, BSPP was launched by DA. This is a counterparting scheme among DA/NIA, LGU and IA for the construction, repair and rehabilitation of CIP/CIS. DA allocated an initial allocation of P100M. Under the program, 169 LGU and 453 IA have signed MOA with DA/NIA to carry out construction / rehabilitation of 663 CIS covering 47,090 ha.

As of December 2001, 180 ha new areas were generated and 2,387 ha were rehabilitated.

3. Inter-Agency Projects

In addition to the regular program, the agency continued the implementation of the following inter-agency projects:

- a. Comprehensive Agrarian Reform Program – Irrigation Component (CARP-IC) funded under DAR's Agrarian Reform Fund

CARP-IC Phase I was implemented in 1989 and to be completed in 1998. However, due to inadequate and late release of cash support, its remaining works are now implemented under CARP Phase II.

CARP Phase II with an aggregate cost of ₱8.5 B, started in 1999 and shall be completed in 2008. The project will irrigate 16,536 ha when fully operational.

For CY 2001, the project targeted 4,028 ha of new area for generation and 1,426 ha for rehabilitation.

Accomplishments as of the end of the year were the generation of 1,032 ha of new areas and rehabilitation of 3,054 ha.

Allocation for the year for CARP-IC (Phase II) amounted to ~~₱~~212.180 M.

b. Agrarian Reform Infrastructure Support Project I and II (ARISP I & II) funded under JBIC

The project will undertake the infrastructure and institutional components. The infrastructure component deals with the construction of irrigation and drainage facilities and post-harvest facilities (PHF) to boost agricultural productivity and maximize benefits from agricultural production. Its institutional component deals with the formation of farmers into IA and cooperatives to build viable and self-sustaining communities.

Activities for the year were implemented utilizing also the carryover fund balances in the CY 2000 allocation.

As of the end of the year, 796 ha were generated, 1,006 ha were rehabilitated under ARISP I. Pre-engineering activities were pursued under ARISP II.

c. Agrarian Reform Community Development Project (ARCDP)

funded by the World Bank

ARCDP is a six-year development project, which involves the development of water resources for irrigation in Agrarian Reform Communities (ARC) and support services and facilities to improve agricultural productivity and uplift the lives of farmer beneficiaries.

Targets for the year included the generation of 558 ha of new areas, rehabilitation of 617 ha in existing irrigation systems.

Accomplishments as of the end of the year were the generation of 1,573 ha of new areas and rehabilitation of 1,646 ha in existing irrigation systems.

Allotment releases for the year amounted to ₱501.630 M. As of December 2001, cash/non-cash support amounted to ₱373.770 M. Obligation incurred amounted to ₱329.45 M.

d. Mindanao Rural Development Project (MRDP) funded by the World Bank

The project aims to improve income and food security in the targeted rural communities in some provinces of Mindanao. It will irrigate 5,390 ha when fully operational.

Targets for the year included the generation of 280 ha new areas and rehabilitation of 1,267 ha in existing irrigation systems.

Allocation for the year amounted to ₱102.471M. No releases yet as of the end of the year.

e. Cordillera Highland Agricultural Resource Management Project (CHARMP)

The project started in 1999 and shall be completed in 2001. It will irrigate 2,725 ha when fully operational. Targets for the year included the generation of 694 ha new areas and rehabilitation of 375 ha in existing systems. Allocation for the year amounted to ₱87.730 M.

II. Project Preparation Activities

The agency pursued pre-feasibility and feasibility studies of potential irrigation projects. Watershed studies were also pursued in collaboration with the Department of Environment and Natural Resources.

Allocation for the year for the activities amounted to ₱100M. The allotment releases as of the end of the year was ₱94.711 M. Obligations incurred amounted to ₱87.40 M.

As of the end of the year, feasibility studies / detailed engineering of three projects: the Cuyapo Deepwell IP in Nueva Ecija, San Roque Multipurpose Project-IC in Pangasinan and Tarlac and the Anilao SRIP in Iloilo are nearing completion with more than 90% accomplishment.

**OPERATION
AND
MAINTENANCE
ACTIVITIES**

I. Operation and Maintenance of National Irrigation Systems (NIS)

NIA operated and maintained 191 NIS under 108 responsibility centers nationwide with a total service area of about 689,010 ha.

The programmed area for irrigation this crop year is 1,027,796 ha. Irrigated area was 474,620 ha during the dry season (November 2000 to April 2001) and 503,223 ha during the wet season (May 2001 to October 2001). The irrigated cropping intensity attained was 142 percent.

II. Institutional Development Program

The organization and development of farmer-beneficiaries were continuously undertaken nationwide to facilitate implementation of irrigation development and management. Trainings were conducted to increase the capabilities of farmer-beneficiaries.

These activities are geared towards the turnover of management responsibilities of irrigation systems to IA, as provided in the AFMA.

As of December 2001, ninety-six and 1,213 IA were organized and strengthened, respectively, in NIS and CIS. Ninety-eight IA were registered with the Securities and Exchange Commission (SEC).

A total of two hundred twelve IA contracted with NIA for the operation & maintenance of irrigation systems, while 998 IA renewed their contracts.

Basic Leadership Development and Financial Management & System Management Trainings were conducted in 47,649 irrigation beneficiaries.

Orientation Training was conducted in 15,575 staff-members.

III. Equipment Management

The agency satisfactorily maintained in operating condition 6,420 units of heavy light/transport, special and support equipment and irrigation pumps. A total of P48.40 M was spent for the repair and maintenance of economically reparable equipment. Adequate operating equipment were provided in the field offices, nationwide, to support project construction, repair and rehabilitation of existing systems and O&M activities.

The sale through public auction of unserviceable equipment was continued to reduce further the unnecessary operating expenditures and to generate income. Equipment rental generation amounted to P280.081 M as of the end of the year.

As of December 2001, an overall equipment operability of 86 percent was attained.

ANNEXES

APPROVED CAPITAL OUTLAY : CY 2001

<i>Project / Location / Date Started / Target Completion Date</i>	<i>Financial Program (P1,000)</i>			<i>Physical Targets (ha)</i>	
	<i>Local</i>	<i>Forex ^{1/}</i>	<i>Total</i>	<i>New</i>	<i>Rehab</i>
I. REGULAR PROGRAM					
A. FOREIGN-ASSISTED PROJECTS					
1) Ongoing					
1 Malitubog-Maridagao Irrigation Project North Cotabato and Maguindanao October 1989/December 2003	83,610	52,951	136,561	3,486	-
2 Kabulnan Irrigation and Area Development Project North Cotabato and Maguindanao January 1992/December 2001	-	50,000	50,000	5,615	-
3 Lower Agusan Development Project Agusan del Norte January 1996/June 2003	110,488	310,000	420,488	1,000	-
4 Irrigation System Improvement Project II Northern Leyte January 1996/December 2002	55,682	205,022	260,704	107	1,612
5 Pampanga Delta Development Project-Irrigation Component Pampanga January 1992/October 2003	157,925	480,000	637,925	795	-
6 Water Resources Development Project Nationwide March 1997/December 31, 2003	50,993	195,000	245,993	639	6,688
7 Casecnan Multipurpose Irrigation and Power Project Irrigation Component Nueva Ecija, Bulacan & Pampanga October 1997/June 2004	100,048	525,000	625,048	1,950	9,660
8 Tarlac Groundwater Irrigation System Reactivation Project Tarlac July 1999/December 2003	40,000	62,450	102,450	100	-
9 Bohol Irrigation Project II Bohol January 2000/December 2005	50,000	80,000	130,000	-	-

APPROVED CAPITAL OUTLAY : CY 2001

<i>Project / Location / Date Started / Target Completion Date</i>	<i>Financial Program (P1,000)</i>			<i>Physical Targets (ha)</i>	
	<i>Local</i>	<i>Forex ^{1/}</i>	<i>Total</i>	<i>New</i>	<i>Rehab</i>
10 Southern Philippines Irrigation Sector Project Regions 6, 7, ARMM & 13 January 2000/December 2006	70,732	85,000	155,732	-	270
11 San Roque Multipurpose Project - Irrigation Component Pangasinan & Tarlac 2000/2008	318,000	-	318,000	Dam Construction	
12 Grains Sector Devt. Program - Irrigation Component Nationwide	15,000	42,543	57,543	-	-
TOTAL FOR FOREIGN-ASSISTED PROJECTS	1,052,478	2,087,966	3,140,444	13,692	18,230
B. Locally Funded Projects					
1) Ongoing					
1 Small Reservoir Irrigation Project January 1989/December 2009	78,000		78,000	515	-
2 Apayao-Abulog Irrigation Systems Improvement Project Apayao and Cagayan July 1996/December 2003	160,000		160,000	-	5,000
3 Addalam River Irrigation Project Quirino and Isabela March 1997/December 2003	140,000		140,000	Dam Construction	
4 Catubig Valley Irrigation Project Northern Samar September 1996/December 2003	45,000		45,000	-	200
5 Dolores Irrigation Project Eastern Samar September 1996/December 2004	80,000		80,000	350	-
6 Bubunawan Irrigation Project Bukidnon September 1996/December 2003	85,000		85,000	2,000	-
7 Balog-Balog Multi Purpose Irrigation Project Tarlac January 1999/December 2008	100,000		100,000	-	1,100

APPROVED CAPITAL OUTLAY : CY 2001

<i>Project / Location / Date Started / Target Completion Date</i>	<i>Financial Program (P1,000)</i>			<i>Physical Targets (ha)</i>	
	<i>Local</i>	<i>Forex ^{1/}</i>	<i>Total</i>	<i>New</i>	<i>Rehab</i>
8 Subsidy for MOOE of NIS	100,000		100,000	Sustenance to Operation & Maintenance	
9 Itbayat Integrated Agricultural Development Project Batanes 1996-2001	17,000		17,000	50	-
10 Aulo Irrigation Project Nueva Ecija March 1995/December 2002	30,000		30,000	Dam Construction	
11 Repair/Establishment of Groundwater/Pump Project Nationwide 1996 - 2006	50,000		50,000	1,373	196
12 San Roque Multipurpose Project - Irrigation Component Pangasinan & Tarlac 2000/2008	90,000		90,000	-	206
13 Priority Development Assistance Fund	4,965		4,965		
2) Continuing Activities					
1 Repair/Rehabilitation & Improvement of Drainage & Flood Protection System within NIS & CIS	90,000		90,000	Drainage, km.	180
2 Repair/Rehabilitation & Construction of New and Existing NIS/CIS	500,000		500,000	-	35,760
3 Repair/Rehabilitation & Construction of Farm-to-Market Roads within NIS	95,000		95,000	Roads, km.	1,189
4 Feasibility Study and Detailed Engineering of Projects	100,000		100,000		
5 Agri-Institutional Development Project	30,000		30,000	IA Development, no.	169
TOTAL FOR LOCALLY FUNDED PROJECTS	1,794,965		1,794,965	4,288 <i>drainage, km</i> <i>roads, km</i> <i>IA Development, no.</i>	42,462 <i>180</i> <i>1,189</i> <i>169</i>
TOTAL FOR REGULAR PROGRAM	2,847,443	2,087,966	4,935,409	17,980 <i>drainage, km</i> <i>roads, km</i> <i>IA Development, no.</i>	60,692 <i>180</i> <i>1,189</i> <i>169</i>

APPROVED CAPITAL OUTLAY : CY 2001

<i>Project / Location / Date Started / Target Completion Date</i>	<i>Financial Program (P1,000)</i>			<i>Physical Targets (ha)</i>	
	<i>Local</i>	<i>Forex ^{1/}</i>	<i>Total</i>	<i>New</i>	<i>Rehab</i>
II. INTER-AGENCY PROJECTS					
1 Comprehensive Agrarian Reform Program Irrigation-Component (Phase I & II)					
a. Agrarian Reform Fund Nationwide June 1999/December 2008	212,180	-	212,180	4,028	1,426
b. Agrarian Reform Infrastructure Support Project Nationwide 2000-2004	57,146	-	57,146	Pre-engineering	
c. Agrarian Reform Communities Development Program Nationwide 1997-2002	111,323	-	111,323	558	617
2 Cordillera Highland Agricultural Resource Management Project CAR 1999-2001	87,731	-	87,731	694	375
3 Mindanao Rural Development Program Mindanao 2000-2004	102,471	-	102,471	280	1,267
TOTAL FOR INTER-AGENCY PROJECTS	570,851	-	570,851	5,560	3,685
TOTAL FOR IRRIGATION PROGRAM	3,418,294	2,087,966	5,506,260	23,540	64,377
				<i>drainage, km.</i>	<i>180</i>
				<i>roads, km.</i>	<i>1,189</i>
				<i>IA Development, no.</i>	<i>169</i>

NOTE ^{1/} Conversion Rate used: \$1.00 = P41.00

PHYSICAL STATUS OF IRRIGATION PROJECTS
CY 2001 PROGRAM
AS OF DECEMBER 31, 2001

<i>Project</i>	<i>Irrigable Area (ha)</i>		<i>Area (ha)</i>				<i>Remaining Area out of CY 2001 Target</i>	<i>Actual To Date</i>	<i>Overall Project Status (%)</i>
			<i>CY 2001</i>						
			<i>Revised Target</i>	<i>Actual (January to December 2001)</i>					
				<i>Against CY 2001 Target</i>	<i>Carry-Over Program</i>	<i>Total</i>			
I. FOREIGN-ASSISTED PROJECTS									
A. ONGOING									
1. MMIP	N	10,840	3,486	4,308	-	4,308	(822)	5,122	66.32
2. KIADP	N	11,780	5,615	2,820	-	2,820	2,795	8,985	97.00
3. LADP	N	7,922	1,000	545	-	545	455	595	84.80
	R	840	-	-	-	-	-	-	
4. ISIP II	N	1,609	107	85	-	85	22	106	44.79
	R	16,105	1,612	1,774	-	1,774	(162)	5,727	
5. PDDP-IC	N	7,209	795	795	-	795	-	2,141	94.70
	R	3,331	-	-	-	-	-	3,331	
6. WRDP	N	3,125	639	841	-	841	(202)	1,249	65.91
	R	66,332	6,688	4,237	-	4,237	2,451	34,895	
7. CMIPP-IC	N	38,000	1,950	1,225	-	1,225	725	7,669	34.30
	R	20,000	9,660	10,075	-	10,075	(415)	12,286	
8. TGISRP	N	2,200	100	100	-	100	-	535	47.00
	R	300	-	-	-	-	-	250	

**PHYSICAL STATUS OF IRRIGATION PROJECTS
CY 2001 PROGRAM**

AS OF DECEMBER 31, 2001

<i>Project</i>	<i>Irrigable Area (ha)</i>		<i>Area (ha)</i>						<i>Overall Project Status (%)</i>
			<i>CY 2001</i>				<i>Remaining Area out of CY 2001 Target</i>	<i>Actual To Date</i>	
			<i>Revised Target</i>	<i>Actual (January to December 2001)</i>					
				<i>Against CY 2001 Target</i>	<i>Carry- Over Program</i>	<i>Total</i>			
9. SRMP	Dam Construction								
10. BIP II	N	4,550	-	-	-	-	-	5.49	
	R	750	-	-	-	-	-		
11. SPISP	N	11,720	-	-	-	-	-	7.10	
	R	6,070	270	270	-	270	270		
12. GSDP	N	1,781	-	-	-	-	-	0.01	
	R	16,219	-	-	-	-	-		
TOTAL FOR FOREIGN- ASSISTED PROJECTS	N	100,736	13,692	10,719	-	10,719	2,973	26,402	
	R	129,947	18,230	16,356	-	16,356	1,874	56,759	
II. <u>LOCALLY FUNDED PROJECTS</u>									
A. ONGOING									
1. SRIP	N	11,129	515	385	-	385	130	18.90	
	R	7,663	-	855	-	855	(855)	7,272	
2. AAISIP	N	6,465	-	-	-	-	-	76.30	
	R	10,535	5,000	5,000	-	5,000	-	6,000	
3. Addalam River IP	N	5,830	Dam Construction						23.50
4. Catubig Valley IP	N	950	-	-	-	-	-	250	
	R	1,010	200	-	-	-	200	400	
5. Dolores IP	N	1,629	350	-	-	-	350	38.08	
	R	500	-	-	-	-	-	500	

**PHYSICAL STATUS OF IRRIGATION PROJECTS
CY 2001 PROGRAM**

AS OF DECEMBER 31, 2001

<i>Project</i>	<i>Irrigable Area (ha)</i>		<i>Area (ha)</i>					<i>Remaining Area out of CY 2001 Target</i>	<i>Actual To Date</i>	<i>Overall Project Status (%)</i>		
			<i>CY 2001</i>			<i>Revised Target</i>	<i>Against CY 2001 Target</i>				<i>Carry-Over Program</i>	<i>Total</i>
			<i>Actual (January to December 2001)</i>									
			<i>WS</i>	<i>DS</i>	<i>Irrig. Area, ha</i>							
6. Bubunawan IP	N	2,000	2,000	500	-	500	1,500	500	94.15			
7. BBMP	N	25,269	-	-	-	-	-	-	5.70			
	R	13,881	1,100	1,560	-	1,560	(460)	5,400				
8. Subsidy for MOOE of NIS	Irrig. Area, ha											
	WS		540,964	503,223	-	503,223	37,741	503,223	79.30			
	DS		486,832	474,620	-	474,620	12,212	474,620				
9. Itbayat IADP	N	200	50	-	-	-	50	-	56.21			
10. Aulo IP	N	1,060	Dam Construction							20.00		
11. REGPP	N	52,280	1,373	1,552	-	1,552	(179)	14,873	14.53			
	R	8,000	196	460	-	460	(264)	1,921				
12. ARIIP	N	23,700	-	-	-	-	-	-	4.39			
	R	47,100	206	707	-	707	(501)	4,906				
13. PDAF			-	-	-	-	-	-				
Subtotal	N	130,512	4,288	2,437	-	2,437	1,851	17,959				
	R	88,689	6,702	8,582	-	8,582	(1,880)	26,399				
	Irrig. Area, ha											
	WS		540,964	503,223	-	503,223	37,741	503,223				
DS		486,832	474,620	-	474,620	12,212	474,620					

**PHYSICAL STATUS OF IRRIGATION PROJECTS
CY 2001 PROGRAM**

AS OF DECEMBER 31, 2001

<i>Project</i>	<i>Irrigable Area (ha)</i>	<i>Area (ha)</i>						<i>Overall Project Status (%)</i>
		<i>Revised Target</i>	<i>CY 2001</i>			<i>Remaining Area out of CY 2001 Target</i>	<i>Actual To Date</i>	
			<i>Actual (January to December 2001)</i>					
			<i>Against CY 2001 Target</i>	<i>Carry- Over Program</i>	<i>Total</i>			
B. CONTINUING ACTIVITIES								
1. RRIDFPS	Dr.	180	264	784	1,048	(84)	1,048	71.70
2. RRENIS/CIS	R	35,760	31,516	17,800	49,316	4,244	49,316	73.70
3. RRCFMR	Rd.	1,189	582	373	955	607	955	79.60
4. FSDE	PS, No.	8	3		3	5	3	45.00
	DD, No.	56	51		51	5	51	20.00
5. AIDP	IA Dev., No.	169	96	-	96	73	401,348	35.00
Subtotal	<i>R</i>	-	35,760	31,516	17,800	49,316	4,244	49,316
	<i>Dr.</i>	-	180	264	784	1,048	(84)	1,048
	<i>Rd.</i>	-	1,189	582	373	955	607	955
	<i>PS, No.</i>		8	3	-	3	5	3
	<i>DD, No.</i>		56	51	-	51	5	51
	<i>IA Dev., No.</i>		169	96	-	96	73	401,348

**PHYSICAL STATUS OF IRRIGATION PROJECTS
CY 2001 PROGRAM**

AS OF DECEMBER 31, 2001

<i>Project</i>	<i>Irrigable Area (ha)</i>	<i>Area (ha)</i>						<i>Overall Project Status (%)</i>
		<i>Revised Target</i>	<i>CY 2001</i>			<i>Remaining Area out of CY 2001 Target</i>	<i>Actual To Date</i>	
			<i>Actual (January to December 2001)</i>					
			<i>Against CY 2001 Target</i>	<i>Carry- Over Program</i>	<i>Total</i>			
<i>TOTAL FOR LOCALLY FUNDED PROJECTS</i>	<i>N</i> 130,512	4,288	2,437	-	2,437	1,851	17,959	
	<i>R</i> 88,689	42,462	40,098	17,800	57,898	2,364	75,715	
	<i>Dr.</i>	180	264	784	1,048	(84)	1,048	
	<i>Rd.</i>	1,189	582	373	955	607	955	
	<i>Irrig. Area, ha</i>							
	<i>WS</i>	540,964	503,223	-	503,223	37,741	503,223	
	<i>DS</i>	486,832	474,620	-	474,620	12,212	474,620	
	<i>PS, No.</i>	8	3	-	3	5		
	<i>DD, No.</i>	56	51	-	51	5		
<i>IA Dev., No.</i>	169	96	-	96	73			
<i>TOTAL FOR REGULAR PROGRAM</i>	<i>N</i> 231,248	17,980	13,156	-	13,156	4,824	44,361	
	<i>R</i> 218,636	60,692	56,454	17,800	74,254	4,238	132,474	
	<i>Dr.</i>	180	264	784	1,048	(84)	1,048	
	<i>Rd.</i>	1,189	582	373	955	607	955	
	<i>Irrig. Area, ha</i>							
	<i>WS</i>	540,964	503,223	-	503,223	37,741	503,223	
	<i>DS</i>	486,832	474,620	-	474,620	12,212	474,620	
	<i>PS, No.</i>	8	3	-	3	5	-	
	<i>DD, No.</i>	56	51	-	51	5	-	
<i>IA Dev., No.</i>	169	96	-	96	73	-		

**PHYSICAL STATUS OF IRRIGATION PROJECTS
CY 2001 PROGRAM**

AS OF DECEMBER 31, 2001

<i>Project</i>	<i>Irrigable Area (ha)</i>	<i>Area (ha)</i>						<i>Overall Project Status (%)</i>	
		<i>Revised Target</i>	<i>CY 2001</i>			<i>Remaining Area out of CY 2001 Target</i>	<i>Actual To Date</i>		
			<i>Actual (January to December 2001)</i>						
			<i>Against CY 2001 Target</i>	<i>Carry- Over Program</i>	<i>Total</i>				
III. <u>CARRY-OVER PROGRAM</u>									
1. El Niño Program	N 9,822	-	-	4,189	4,189	-	4,354	69.48	
	R 109,007	-	-	66,848	66,848	-	73,171		
2. BSPP	N	-	-	180	180	-	180	43.00	
	R	-	-	862	862	-	2,387		
TOTAL FOR CARRY-OVER PROGRAM	N 9,822	-	-	4,369	4,369	-	4,534		
	R 109,007	-	-	67,710	67,710	-	75,558		
IV. <u>INTER-AGENCY PROGRAMS</u>									
A. CARP-IC									
1. ARF Phase II	N 16,914	4,028	1,032	-	1,032	2,996	1,808	29.20	
	R 9,786	1,426	3,054	-	3,054	(1,628)	4,229		
2. ARISP									
a. Phase I	N 6,160	-	-	796	796	-	4,903	96.51	
	R 7,859	-	-	1,006	1,006	-	7,371		
b. Phase II	N 28,812	Pre-Engineering						43	1.41
	R 14,621							-	
3. ARCDP	N 9,817	558	1,573	-	1,573	(1,015)	1,883	41.35	
	R 3,320	617	1,646	-	1,646	(1,029)	2,372		
B. CHARMP									
	N 1,563	694	124	-	124	570	124	24.72	
	R 1,162	375	101	-	101	274	166		

**PHYSICAL STATUS OF IRRIGATION PROJECTS
CY 2001 PROGRAM**

AS OF DECEMBER 31, 2001

<i>Project</i>	<i>Irrigable Area (ha)</i>		<i>Area (ha)</i>					<i>Remaining Area out of CY 2001 Target</i>	<i>Actual To Date</i>	<i>Overall Project Status (%)</i>	
			<i>CY 2001</i>			<i>Revised Target</i>	<i>Remaining Area out of CY 2001 Target</i>				<i>Actual To Date</i>
			<i>Actual (January to December 2001)</i>								
			<i>Against CY 2001 Target</i>	<i>Carry- Over Program</i>	<i>Total</i>						
C. MRDP	N	855	280	-	-	-	280	-	19.53		
	R	4,536	1,267	351	-	351	916	351			
TOTAL FOR INTER-AGENCY PROGRAMS	N	64,121	5,560	2,729	796	3,525	2,831	8,761			
	R	41,284	3,685	5,152	1,006	6,158	-1,467	14,489			
TOTAL FOR IRRIGATION PROJECTS	N	305,191	23,540	15,885	5,165	21,050	7,655	57,656			
	R	368,927	64,377	61,606	86,516	148,122	2,771	222,521			
	Dr.		180	264	784	1,048	(84)	1,048			
	Rd.		1,189	582	373	955	607	955			
	<i>Irrig. Area, ha</i>										
	WS		540,964	503,223	-	503,223	37,741	503,223			
	DS		486,832	474,620	-	474,620	12,212	474,620			
	PS, No.		8	3	-	3	5	-			
DD, No.		56	51	-	51	5	-				
IA Dev., No.		169	96	-	96	73	-				

N - New Area, in hectares
R - Rehab Area, in hectares
WS - Irrigated Area during Wet Season, in hectares
DS - Irrigated Area during Dry Season, in hectares

PS - Project Studies
DD - Detailed Design
Dr. - Length of Drainage in kilometers
Rd. - Length of Roads in kilometers

**FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)
(In Thousand Pesos)**

Project	REGULAR CY 2001 PROGRAM					CARRY-OVER FUNDS				REGULAR CY 2001 PROGRAM & CARRY-OVER FUNDS				
	CY 2001 Program	January 1 - December 31, 2001				January 1 - December 31, 2001				CY 2001 Program	January 1 - December 31, 2001			
		Releases		Obligation	Unobligated Balance as of Dec. 2000	Releases		Obligation	Releases		Obligation			
		Allotment	Cash/ Non-Cash Support			Allotment/ Realign-ment	Cash/ Non-Cash Support		Allotment			Cash/ Non-Cash Support		
I. FOREIGN-ASSISTED PROJECTS														
A. ONGOING														
1. MMIP	PC	83,610	75,249	30,794	72,090	28,708	28,708	29,903	28,707	112,318	103,957	60,696	100,798	
	LP	52,951	47,656	36,894	47,510	64,086	64,676	45,374	64,676	117,037	112,332	82,267	112,186	
	TP	136,561	122,905	67,687	119,600	92,794	93,384	75,277	93,383	229,355	216,289	142,964	212,984	
2. KIADP	PC	-	-	-	-	-	-	2,168	-	-	-	2,168	-	
	LP	50,000	48,151	50,000	48,151	37,704	37,704	43,411	47,704	87,704	85,855	93,411	95,854	
	TP	50,000	48,151	50,000	48,151	37,704	37,704	45,579	47,704	87,704	85,855	95,579	95,854	
3. LADP	PC	110,488	100,639	54,174	102,595	13,955	13,955	5,018	13,955	124,443	114,594	59,192	116,550	
	LP	310,000	310,000	121,778	245,996	140,168	140,168	110,758	115,848	450,168	450,168	232,536	361,844	
	TP	420,488	410,639	175,952	348,591	154,123	154,123	115,776	129,803	574,611	564,762	291,728	478,394	
4. ISIP II	PC	55,682	50,162	38,581	47,780	2,666	2,666	4,755	2,666	58,348	52,828	43,337	50,446	
	LP	205,022	194,995	157,098	107,704	5,229	5,229	6,674	3,850	210,251	200,224	163,771	111,554	
	TP	260,704	245,157	195,679	155,484	7,895	7,895	11,429	6,516	268,599	253,052	207,108	162,000	
5. PDDP-IC	PC	157,925	157,925	108,252	157,821	8,564	8,564	12,454	8,564	166,489	166,489	120,706	166,385	
	LP	480,000	480,000	411,543	479,999	68,992	68,992	217,333	215,992	548,992	548,992	628,875	695,992	
	TP	637,925	637,925	519,795	637,820	77,556	77,556	229,787	224,556	715,481	715,481	749,582	862,377	
6. WRDP	PC	50,993	50,693	22,480	44,067	12,610	12,610	9,092	12,610	63,603	63,303	31,572	56,677	
	LP	195,000	170,701	191,949	163,592	49,642	49,642	9,914	49,642	244,642	220,343	201,863	213,234	
	TP	245,993	221,394	214,429	207,659	62,252	62,252	19,006	62,252	308,245	283,645	233,435	269,910	
7. CMIPP-IC	PC	100,048	83,400	96,921	55,822	14,808	14,808	1,975	14,808	114,856	98,207	98,896	70,630	
	LP	525,000	525,000	244,036	277,050	205,429	205,429	86,315	127,749	730,429	730,429	330,352	404,799	
	TP	625,048	608,400	340,958	332,873	220,237	220,237	88,290	142,556	845,285	828,636	429,247	475,429	

**FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)
(In Thousand Pesos)**

<i>Project</i>	<i>REGULAR CY 2001 PROGRAM</i>					<i>CARRY-OVER FUNDS</i>				<i>REGULAR CY 2001 PROGRAM & CARRY-OVER FUNDS</i>				
	<i>CY 2001 Program</i>	<i>January 1 - December 31, 2001</i>				<i>January 1 - December 31, 2001</i>				<i>CY 2001 Program</i>	<i>January 1 - December 31, 2001</i>			
		<i>Releases</i>			<i>Obligation</i>	<i>Unobligated Balance as of Dec. 2000</i>	<i>Releases</i>				<i>Obligation</i>	<i>Releases</i>		
		<i>Allotment</i>	<i>Cash/ Non-Cash Support</i>				<i>Allotment/ Realign-ment</i>	<i>Cash/ Non-Cash Support</i>				<i>Allotment</i>	<i>Cash/ Non-Cash Support</i>	<i>Obligation</i>
8. TGISRP	PC	40,000	40,000	21,491	19,187	12,385	12,385	4,713	12,385	52,385	52,385	26,203	31,572	
	LP	62,450	52,205	42,034	28,488	48,013	48,013	12,594	48,013	110,463	100,218	54,628	76,502	
	TP	102,450	92,205	63,524	47,675	60,399	60,399	17,307	60,399	162,849	152,604	80,832	108,074	
9. SRMP	PC	318,000	286,200	-	318,000	318,000	318,000	-	318,000	636,000	604,200	-	636,000	
	LP	-	-	-	-	-	-	-	-	-	-	-	-	
	TP	318,000	286,200	-	318,000	318,000	318,000	-	318,000	636,000	604,200	-	636,000	
10. BIP II	PC	50,000	45,000	26,226	21,783	17,992	17,992	9,954	17,387	67,992	62,992	36,180	39,169	
	LP	80,000	66,000	-	13,500	30,000	30,000	35,583	30,000	110,000	96,000	35,583	43,500	
	TP	130,000	111,000	26,226	35,283	47,992	47,992	45,537	47,387	177,992	158,992	71,763	82,669	
11. SPISP	PC	70,732	67,479	18,712	38,319	44,311	44,311	12,842	44,286	115,043	111,789	31,553	82,605	
	LP	85,000	72,680	18,573	33,349	39,693	39,693	12,353	39,054	124,693	112,373	30,926	72,403	
	TP	155,732	140,159	37,284	71,668	84,004	84,004	25,195	83,340	239,736	224,163	62,479	155,008	
12. GSDP	PC	15,000	15,000	5,322	5,509	-	-	-	-	15,000	15,000	5,322	5,509	
	LP	42,543	42,543	42,543	9,788	-	-	-	-	42,543	42,543	42,543	9,788	
	TP	57,543	57,543	47,865	15,297	-	-	-	-	57,543	57,543	47,865	15,297	
TOTAL FOR FOREIGN-ASSISTED PROJECTS	PC	1,052,478	971,746	422,953	882,974	473,998	473,998	92,873	473,368	1,526,477	1,445,745	515,826	1,356,342	
	LP	2,087,966	2,009,930	1,316,447	1,455,127	688,956	689,546	580,309	742,528	2,776,922	2,699,477	1,896,755	2,197,656	
	TP	3,140,444	2,981,677	1,739,400	2,338,101	1,162,955	1,163,545	673,181	1,215,896	4,303,398	4,145,221	2,412,581	3,553,997	
II. LOCALLY FUNDED PROJECTS														
A. ONGOING														
1. SRIP	PC	78,000	70,200	-	69,677	33,782	33,782	-	33,543	111,782	103,982	-	103,220	
2. AAISIP	PC	160,000	144,000	-	121,741	13,414	13,414	-	13,414	173,414	157,414	-	135,154	
3. Addalam River IP	PC	140,000	126,000	-	122,679	44,933	44,933	-	43,683	184,933	170,933	-	166,361	

**FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)
(In Thousand Pesos)**

Project	REGULAR CY 2001 PROGRAM					CARRY-OVER FUNDS				REGULAR CY 2001 PROGRAM & CARRY-OVER FUNDS			
	CY 2001 Program	January 1 - December 31, 2001				January 1 - December 31, 2001				CY 2001 Program	January 1 - December 31, 2001		
		Releases		Obligation	Unobligated Balance as of Dec. 2000	Releases		Obligation	Releases		Obligation		
		Allotment	Cash/ Non-Cash Support			Allotment/ Realign-ment	Cash/ Non-Cash Support		Allotment			Cash/ Non-Cash Support	
4. Catubig Valley IP	PC	45,000	40,500	-	39,986	1,489	1,489	-	1,489	46,489	41,989	-	41,475
5. Dolores IP	PC	80,000	72,000	-	71,411	171	171	-	171	80,171	72,171	-	71,582
6. Bubunawan IP	PC	85,000	76,500	-	73,906	1,729	1,729	-	1,601	86,729	78,229	-	75,507
7. Basey IP	PC	-	-	-	-	0	0	-	-	-	-	-	-
8. BBMP	PC	100,000	90,000	-	82,227	72,413	72,413	-	71,676	172,413	162,413	-	153,904
9. Subsidy for MOOE of NIS	PC	100,000	90,000	-	89,933	-	-	-	-	100,000	90,000	-	89,933
10. Itbayat IADP	PC	17,000	15,300	-	15,300	11	11	-	11	17,011	15,311	-	15,311
11. Aulo IP	PC	30,000	27,000	-	24,842	10,976	10,976	-	10,481	40,976	37,976	-	35,323
12. REGPP/PIP	PC	50,000	45,000	-	42,451	85,314	85,314	-	41,744	135,314	130,314	-	84,196
13. SRMP-IC	PC	90,000	81,000	-	77,209	-	-	-	-	90,000	81,000	-	77,209
14. PDAF	PC	4,965	4,965	-	1,165	-	-	-	-	4,965	4,965	-	1,165
Subtotal	PC	979,965	882,465	-	832,527	264,231	264,231	-	217,813	1,244,196	1,146,696	-	1,050,339
B. CONTINUING ACTIVITIES													
1. RRIDFPS	PC	90,000	81,000	-	79,568	75,452	75,452	-	68,607	165,452	156,452	-	148,174
2. RRENIS/CIS	PC	500,000	490,000	-	485,848	540,368	540,368	-	590,385	1,040,368	1,030,368	-	1,076,233
3. RRCFMR	PC	95,000	85,500	-	84,358	2,257	2,257	-	2,238	97,257	87,757	-	86,596
4. FSDE	PC	100,000	90,000	-	82,728	4,711	4,711	-	4,673	104,711	94,711	-	87,401
5. AIDP	PC	30,000	27,000	-	24,240	3,739	3,739	-	3,508	33,739	30,739	-	27,747
Subtotal	PC	815,000	773,500	-	756,742	626,526	626,526	-	669,410	1,441,526	1,400,026	-	1,426,152
TOTAL FOR LOCALLY FUNDED PROJECTS	PC	1,794,965	1,655,965	-	1,589,268	890,758	890,758	-	887,223	2,685,722	2,546,722	-	2,476,491

**FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)
(In Thousand Pesos)**

Project	REGULAR CY 2001 PROGRAM				CARRY-OVER FUNDS				REGULAR CY 2001 PROGRAM & CARRY-OVER FUNDS				
	CY 2001 Program	January 1 - December 31, 2001			January 1 - December 31, 2001			CY 2001 Program	January 1 - December 31, 2001				
		Releases		Obligation	Unobligated Balance as of Dec. 2000	Releases			Obligation	Releases		Obligation	
		Allotment	Cash/ Non-Cash Support			Allotment/ Realign-ment	Cash/ Non-Cash Support			Allotment	Cash/ Non-Cash Support		
III. OTHERS													
A. LUMP SUM OF TRA	PC	-	11,645	-	-	-	36,510	-	-	-	48,155	-	
	LP	-	-	-	-	-	-	-	-	-	-	-	
	TP	-	11,645	-	-	-	36,510	-	-	-	48,155	-	
B. LUMP SUM OF NCA	PC	-	902,088	-	-	-	501,596	-	-	-	1,403,684	-	
	LP	-	-	-	-	-	-	-	-	-	-	-	
	TP	-	913,733	-	-	-	538,106	-	-	-	1,451,839	-	
TOTAL FOR OTHERS	PC	-	913,733	-	-	-	538,106	-	-	-	1,451,839	-	
	LP	-	-	-	-	-	-	-	-	-	-	-	
	TP	-	913,733	-	-	-	538,106	-	-	-	1,451,839	-	
TOTAL FOR REGULAR PROGRAM	PC	2,847,443	2,627,711	1,336,686	2,472,242	1,364,756	1,364,756	630,979	1,360,591	4,212,199	3,992,467	1,967,665	3,832,833
	LP	2,087,966	2,009,930	1,316,447	1,455,127	688,956	689,546	580,309	742,528	2,776,922	2,699,477	1,896,755	2,197,656
	TP	4,935,409	4,637,642	2,653,132	3,927,369	2,053,712	2,054,302	1,211,288	2,103,119	6,989,121	6,691,944	3,864,420	6,030,489
IV. CARRY-OVER PROGRAM													
1. El Niño Program	PC	-	-	-	-	Included in RRENIS/CIS, RRIDFPS, REGPP/PIP & SRIP							
2. BSPP	PC	-	-	-	-	-	-	-	-	-	-	-	
3. RDPPMMPP	PC	-	-	-	-	14,250	14,250	-	-	14,250	14,250	-	-
	LP	-	-	-	-	-	-	-	-	-	-	-	
	TP	-	-	-	-	14,250	14,250	-	-	14,250	14,250	-	-
4. IOSP II	PC	139	139	177	139	14,017	14,017	2,384	12,888	14,156	14,156	2,561	13,027
	LP	-	-	-	-	67,634	67,634	31,003	11,540	67,634	67,634	31,003	11,540
	TP	139	139	177	139	81,651	81,651	33,387	24,428	81,790	81,790	33,564	24,567

**FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)
(In Thousand Pesos)**

Project	REGULAR CY 2001 PROGRAM				CARRY-OVER FUNDS				REGULAR CY 2001 PROGRAM & CARRY-OVER FUNDS				
	CY 2001 Program	January 1 - December 31, 2001			January 1 - December 31, 2001			CY 2001 Program	January 1 - December 31, 2001				
		Releases		Obligation	Unobligated Balance as of Dec. 2000	Releases			Obligation	Releases		Obligation	
		Allotment	Cash/ Non-Cash Support			Allotment/ Realign-ment	Cash/ Non-Cash Support			Allotment	Cash/ Non-Cash Support		
5. VCIPP	PC	-	-	-	-	-	107	-	-	-	107	-	
	LP	-	-	-	-	-	-	-	-	-	-	-	
	TP	-	-	-	-	-	107	-	-	-	107	-	
6. CIDP	PC	-	-	-	-	-	253	-	-	-	253	-	
	LP	-	-	-	-	-	-	-	-	-	-	-	
	TP	-	-	-	-	-	253	-	-	-	253	-	
TOTAL FOR CARRY-OVER PROGRAM	PC	139	139	177	139	28,267	28,267	2,744	12,888	28,406	28,406	2,922	13,027
	LP	-	-	-	-	67,634	67,634	31,003	11,540	67,634	67,634	31,003	11,540
	TP	139	139	177	139	95,901	95,901	33,747	24,428	96,040	96,040	33,925	24,567
V. INTER-AGENCY PROGRAMS													
A. CARP-IC													
1. ARF Phase II	PC	212,180	197,990	97,850	131,960	87,580	46,060	87,580	299,760	197,990	143,910	219,540	
2. ARISP													
a. Phase I	PC	-	90	94	5,810	16,210	-	-	16,210	90	94	5,810	
	LP	-	54,970	144,660	48,710	23,300	-	-	23,300	54,970	144,660	48,710	
	TP	-	55,060	144,754	54,520	39,510	-	-	39,510	55,060	144,754	54,520	
b. Phase II	PC	277,215	92	102,070	25,810	13,610	-	-	290,825	92	102,070	25,810	
	LP	-	221,120	106,750	54,970	1,470	-	-	1,470	221,120	106,750	54,970	
	TP	277,215	221,212	208,820	80,780	15,080	-	-	292,295	221,212	208,820	80,780	
3. ARCDP	PC	111,323	58,200	57,320	55,960	4,280	-	-	115,603	58,200	57,320	55,960	
	LP	-	443,430	316,450	273,490	18,860	-	-	18,860	443,430	316,450	273,490	
	TP	111,323	501,630	373,770	329,450	23,140	-	-	134,463	501,630	373,770	329,450	
B. CHAMP	PC	87,731	-	-	-	-	-	-	87,731	-	-	-	
C. MRDP	PC	102,471	-	-	-	-	-	-	102,471	-	-	-	

**FINANCIAL STATUS OF IRRIGATION PROJECTS
(REGULAR PROGRAM)
(In Thousand Pesos)**

<i>Project</i>	<i>REGULAR CY 2001 PROGRAM</i>				<i>CARRY-OVER FUNDS</i>				<i>REGULAR CY 2001 PROGRAM & CARRY-OVER FUNDS</i>				
	<i>CY 2001 Program</i>	<i>January 1 - December 31, 2001</i>			<i>January 1 - December 31, 2001</i>			<i>CY 2001 Program</i>	<i>January 1 - December 31, 2001</i>				
		<i>Releases</i>		<i>Obligation</i>	<i>Unobligated Balance as of Dec. 2000</i>	<i>Releases</i>			<i>Obligation</i>	<i>Releases</i>		<i>Obligation</i>	
		<i>Allotment</i>	<i>Cash/ Non-Cash Support</i>			<i>Allotment/ Realign-ment</i>	<i>Cash/ Non-Cash Support</i>			<i>Allotment</i>	<i>Cash/ Non-Cash Support</i>		
TOTAL FOR INTER-AGENCY PROGRAMS	<i>PC</i>	790,920	256,372	257,334	219,540	121,680	-	46,060	87,580	912,600	256,372	303,394	307,120
	<i>LP</i>	-	719,520	567,860	377,170	43,630	-	-	-	43,630	719,520	567,860	377,170
	<i>TP</i>	790,920	975,892	825,194	596,710	165,310	-	46,060	87,580	956,230	975,892	871,254	684,290
TOTAL FOR IRRIGATION	<i>PC</i>	3,638,502	2,884,222	1,594,197	2,691,921	1,514,703	1,393,023	679,783	1,461,059	5,153,205	4,277,245	2,273,980	4,152,980
	<i>LP</i>	2,087,966	2,729,450	1,884,307	1,832,297	800,220	757,180	611,312	754,069	2,888,186	3,486,630	2,495,619	2,586,366
	<i>TP</i>	5,726,467	5,613,672	3,478,504	4,524,218	2,314,923	2,150,203	1,291,095	2,215,128	8,041,390	7,763,875	4,769,599	6,739,346

NOTE:

CY 2001 PROGRAM includes CY 2001 Regular Appropriations and Other Sources

CARRY-OVER PROGRAM includes balances from CY 2000 Regular Appropriations, Unprogrammed Fund and Other Sources

PC - Peso Counterpart

LP - Loan Proceeds

TP - Total in Pesos

NCA - Notice of Cash Allocation

TRA - Tax Remittances Allocation

SERVICE AND IRRIGATED AREA OF NATIONAL IRRIGATION SYSTEMS
CROP YEAR 2000-2001
As of December 31, 2001

REGION	NO. OF NIS	SERVICE AREA (ha)	IRRIGATED AREA (ha)						IRRIGATED CROPPING INTENSITY (%)
			WET SEASON			DRY SEASON			
			PROGRAM	ACTUAL	%	PROGRAM	ACTUAL	%	
CAR	1	17,551	12,100	12,000	99.17	10,812	10,730	99.24	129.51
1	26	55,872	33,291	27,215	81.75	24,089	24,487	101.65	92.54
2	20	136,792	114,447	108,911	95.16	113,476	114,360	100.78	163.22
3	13	169,335	124,101	118,490	95.48	116,181	109,768	94.48	134.80
4	46	52,706	38,633	35,266	91.28	32,752	30,076	91.83	123.97
5	14	20,496	17,695	14,736	83.28	16,372	14,840	90.64	144.30
6	12	52,216	45,617	41,603	91.20	33,080	36,221	109.50	149.04
7&8	18	21,645	18,084	15,658	86.58	16,076	14,721	91.57	140.35
9	4	15,162	12,274	11,817	96.28	11,474	11,689	101.87	155.03
10	4	20,696	15,326	13,613	88.82	15,226	13,620	89.45	131.59
11	15	52,486	49,498	47,111	95.18	48,427	47,874	98.86	180.97
12	12	55,641	44,986	42,151	93.70	34,215	32,366	94.60	133.92
13	6	18,412	14,912	14,652	98.26	14,652	13,868	94.65	154.90
TOTAL	191	689,010	540,964	503,223	93.02	486,832	474,620	97.49	141.92

Dry Season - November 2000 to April 2001

Wet Season - May 2001 to October 2001

IRRIGATORS' ASSOCIATION ORGANIZATION, TRAINING AND DEVELOPMENT
NATIONAL AND COMMUNAL IRRIGATION SYSTEMS/PROJECTS
JANUARY 1 - DECEMBER 31, 2001

<i>PARTICULARS</i>	<i>CY 2001 TARGET</i>	<i>ACCOMPLISHMENT</i>			<i>STATUS (%)</i>
		<i>NATIONAL</i>	<i>COMMUNAL</i>	<i>TOTAL</i>	
I. <u>IA Organization</u>					
a. Number of IA Organized	169	34	62	96	56.80
Area Covered, ha	36,571	13,176	12,861	26,037	71.20
Number of Farmers	22,094	10,595	4,349	14,944	67.64
b. IA Strengthening					
Number of IA	1,078	832	381	1,213	112.52
Area Covered, ha	274,873	209,269	62,821	272,090	98.99
Number of Farmers	167,481	136,701	34,493	171,194	102.22
c. Number of IA Registered w/ SEC	215	33	65	98	45.58
Area Covered, ha	28,470	6,390	14,528	20,918	73.47
Number of Farmers	23,392	5,055	5,584	10,639	45.48
II. <u>Memorandum of Agreement Signed</u>					
a. New					
Number of IA	265	59	153	212	80.00
Area Covered, ha	38,241	21,899	12,104	34,003	88.92
Number of Farmers	31,941	15,779	10,182	25,961	81.28
b. Renewal					
Number of IA	1,063	966	32	998	93.89
Area Covered, ha	250,282	228,817	6,710	235,527	94.10
Number of Farmers	193,442	170,918	6,134	177,052	91.53
III. <u>Trainings/Workshop</u>					
a. IA-Training (Participants)	59,670	32,137	15,512	47,649	79.85
b. Staff Training, Orientation Workshop (Participants)	16,836	4,433	11,142	15,575	92.51
c. Irrigation/Irrigators' Association Management Information System				-	
Batches	4	4	-	4	100.00
Area Covered, ha	2,149	2,149	-	2,149	100.00

STATUS OF NIA EQUIPMENT
AS OF DECEMBER 31, 2001

REGION/ OFFICE	HEAVY EQUIPMENT (H)			LIGHT EQUIPMENT (L)			OTHER EQUIPMENT (O)			SPECIAL EQUIPMENT (S)			SURFACE & DEEP WELL IRRIGATION PUMPS (P)			TOTAL						PERCENT OPERABLE (%)					OVERALL PERCENT OPERABLE (%)
	A1	A2	R	A1	A2	R	A1	A2	R	A1	A2	R	A1	A2	R	H	L	O	S	P	TOTAL	H	L	O	S	P	
1	66	2	17	255	7	16	136	13	15	16	1	-	48	28	5	85	278	164	17	81	625	97	97	91	94	63	91.08
2	69	12	17	274	24	48	104	28	78	9	4	10	39	5	-	98	346	210	23	44	721	85	92	79	69	89	87.15
3	62	19	24	430	18	65	180	24	61	39	9	1	131	38	-	105	513	265	49	169	1,101	77	96	88	81	78	88.63
4	56	22	25	369	38	107	74	68	93	14	3	1	21	31	1	103	514	235	18	53	923	72	91	52	82	40	76.72
5	56	2	10	224	2	94	115	4	75	11	-	2	17	1	-	68	320	194	13	18	613	97	99	97	100	94	97.92
6	49	27	39	225	20	118	91	28	90	-	-	-	4	-	-	115	363	209	-	4	691	64	92	76			83.11
7 & 8	66	35	22	242	71	82	154	27	167	2	1	8	-	-	-	123	395	348	11	-	877	65	77	85	67		77.59
9	17	5	24	50	6	51	48	6	61	1	-	1	-	-	-	46	107	115	2	-	270	77	89	89	100		87.22
10	49	10	35	140	14	112	86	18	159	-	-	-	-	-	-	94	266	263	-	-	623	83	91	83			86.75
11	73	10	51	270	41	93	119	23	61	6	-	11	5	-	-	134	404	203	17	5	763	88	87	84	100		86.47
12	73	26	30	343	49	59	118	67	58	2	-	1	-	-	-	129	451	243	3	-	826	74	88	64	100		79.06
13	69	12	110	175	16	226	108	32	302	25	2	103	-	-	-	191	417	442	130	-	1,180	85	92	77	93		85.88
MRIIS	40	14	7	233	17	30	56	8	6	17	3	3	-	-	-	61	280	70	23	-	434	74	93	88	85		89.18
UPRIIS	32	7	7	273	6	8	107	6	4	4	-	6	-	-	-	46	287	117	10	-	460	82	98	95	100		95.63
CAR	29	5	3	88	15	19	74	18	8	-	-	-	-	-	-	37	122	100	-	-	259	85	85	80			83.41
C.O.	-	-	-	41	1	5	1	-	2	-	-	-	-	-	-	-	47	3	-	-	50		98	100			97.67
TOTAL	806	208	421	3,632	345	1,133	1,571	370	1,240	146	23	147	265	103	6	1,435	5,110	3,181	316	374	10,416	79	91	81	86	72	85.96

NOTE:

Heavy Equipment (H)
Cranes, Bulldozers, Excavators, etc.
Light Equipment (L)
Service Vehicles, Motorcycles, etc.
Other Equipment (O)
Chainsaws, Motorboats, etc.
Special Equipment (S)
Drilling Rings, Rice Threshers
Pumps (P)

A1 - Operable Equipment
A2 - Non-Operable Equipment under repair
R - Equipment recommended for disposal