

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

NO. 02

GENERAL DIRECTORATE OF RURAL SERVICES (GDRS)  
REPUBLIC OF TURKEY

**STUDY  
ON  
NATIONAL SMALL-SCALE IRRIGATION  
AND  
RURAL DEVELOPMENT PROGRAM  
IN  
THE REPUBLIC OF TURKEY**

**FINAL REPORT  
ANNEXES**

**MARCH 1998**

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**SANYU CONSULTANTS INC.**

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Table A.1 General Inventory of Services Applied by GDRS

Data Source ; General Inventory of Service Application (As of 01.01.1996)

Village Roads

Type of work		Village No.	Belongings No.	Total	Population	Village Road Length Km
Village Roads	Asphalt	8,230	1,949	10,179	6,387,388	36,308
	Gravel	20,709	20,497	41,206	9,021,041	156,357
	Earth	3,585	13,720	17,305	1,892,836	74,068
	Track	57	6,841	6,898	430,223	53,322
	<b>TOTAL</b>	<b>32,581</b>	<b>43,007</b>	<b>75,588</b>	<b>17,731,488</b>	<b>320,055</b>

Drinking Water

Type of work		Village		Belongings		Total Units	
		No.	Population	No.	Population	No.	Population
Drinking Water of Village	With Water	27,137	10,297,912	23,166	2,120,477	50,303	12,418,389
	Insufficient	5,409	1,902,568	5,881	628,113	11,290	2,530,681
	Without Water	2,290	565,378	12,675	871,368	14,965	1,436,746
	<b>TOTAL</b>	<b>34,836</b>	<b>12,765,858</b>	<b>41,722</b>	<b>3,619,958</b>	<b>76,558</b>	<b>16,385,816</b>

Irrigation and Others

Type of work		Project No.	Area ha	Cattle No.	Sheep, goats etc. No.
Irrigation	Dam	1,484	119,807	0	0
	Surface Water	13,578	777,612	0	0
	Ground Water	1,457	248,973	0	0
	<b>TOTAL</b>	<b>16,519</b>	<b>1,146,392</b>	<b>0</b>	<b>0</b>
Land Conservation		1,615	349,091	0	0
Drinking Water for Animals		2,054	0	1,063,834	5,475,262
On Field Development Services		466	823,355	0	0
Drainage and Soil Improvement		1,167	318,756	0	0
Credits		82,022	438,375	0	0

Rural Planning

Type of work	Project No.	village No.	house No.	agricultural management
Interior Setting Project	107	107	7,907	4,832
Area Arrangement	194	194	8,827	4,364
Village Sewerage	1,170	0	0	0
Mosque	5,386	0	0	0
Village Inn	1,202	0	0	0
Village Group Technicians	560	0	0	0
Other Social and Economic Establishments	1,585	0	0	0
<b>TOTAL</b>	<b>8,733</b>	<b>0</b>	<b>0</b>	<b>0</b>

Table A.2 Inventory for Soil and Water Source Development

(Units: No. and ha)

RO No.	Regional Office	City No.	Name of Province	Irrigation		Land Conservation		On field Development		Drainage and Soil Improvement	
				Project(No.)	Area(ha)	Project(No.)	Area(ha)	Project(No.)	Area(ha)	Project(No.)	Area(ha)
1	ANKARA	06 ANKARA		326	25,896	41	16,053	6	1,705	94	32,520
		14 BOLU		179	9,320	12	1,283	0	0	14	2,986
		18 CANKIRI		207	12,518	8	826	5	3,009	9	2,847
		71 KIRIKKALE		31	4,313	0	0	0	0	30	6,170
		Sub Total		743	52,047	61	18,162	11	4,714	147	44,523
2	KONYA	42 KONYA		527	55,734	59	23,993	25	78,957	34	8,796
		68 AKSARAY		69	6,429	1	80	7	12,091	4	300
		70 KARAMAN		147	22,496	2	270	6	6,731	3	300
		51 NiGDE		251	21,780	15	1,878	1	294	4	220
		Sub Total		994	106,439	77	26,221	39	98,073	45	9,616
3	ADANA	01 ADANA		263	22,979	69	6,392	38	265,163	2	73
		33 ICEL		493	21,341	23	2,182	5	31,534	15	3,367
		31 HATAY		262	22,580	17	2,370	5	7,493	4	449
		80 OSMANIYE		0	0	0	0	0	0	0	0 (ADAMA)
		Sub Total		1,018	66,900	109	10,944	48	304,190	21	3,889
4	KAYSERI	38 KAYSERi		393	33,617	83	17,507	19	11,206	26	5,782
		40 KIRSEHIR		148	11,175	44	5,035	0	0	46	8,127
		50 NEVSEHIR		186	11,270	23	3,383	1	50	24	7,004
		66 YOZGAT		439	29,209	21	3,074	3	947	30	6,449
		Sub Total		1,166	85,271	171	28,999	23	12,203	126	27,362
5	SIVAS	58 SIVAS		454	30,011	36	3,424	1	350	38	10,412
		60 TOKAT		412	18,942	28	2,812	25	26,188	13	1,670
		Sub Total		866	48,953	64	6,236	26	26,538	51	12,082
11	TRABZON	61 TRABZON		67	1,930	15	329	0	0	27	10,707
		08 ARTVIN		232	9,123	0	0	0	0	1	75
		69 BAYBURT		79	9,303	4	361	0	0	7	1,001
		28 GIRE SUN		123	4,180	5	433	0	0	17	6,853
		29 GUMUSHANE		299	16,394	1	60	0	0	2	290
		53 RiZE		0	0	0	0	0	0	5	946
Sub Total		800	40,930	25	1,183	0	0	59	19,872		
12	SAMSUN	55 SAMSUN		169	10,487	28	3,136	21	27,863	48	9,746
		05 AMASYA		356	19,582	26	2,483	18	5,202	15	6,237
		19 CORUM		281	13,123	9	707	5	1,738	28	6,144
		52 ORDU		53	1,358	5	217	0	0	10	4,511
		Sub Total		859	44,550	68	6,543	44	34,803	101	26,638
13	KASTAMONU	37 KASTAMONU		294	18,792	37	3,519	0	0	9	1,147
		67 ZONGULDAK		18	836	0	0	0	0	22	5,431
		57 SINOP		166	8,266	14	995	3	460	2	280
		77 KARABUK		82	4,014	3	173	0	0	0	0
		74 BARTIN		7	1,545	0	0	0	0	17	4,029
		Sub Total		567	33,453	54	4,687	3	460	50	10,887
14	ESKISEHIR	26 ESKISEHIR		218	23,440	19	2,832	11	23,654	11	2,156
		03 AFYON		318	27,652	16	1,436	3	2,866	11	2,197
		43 KUTAHYA		176	13,968	8	767	2	660	10	1,875
		64 USAK		118	7,114	39	5,347	4	245	10	1,590
		Sub Total		830	72,174	82	10,402	20	27,425	42	7,818
15	ANTALYA	07 ANTALYA		405	18,066	32	4,415	18	19,494	9	335
		15 BURDUR		312	19,163	21	7,510	3	387	12	4,726
		32 ISPARTA		318	18,071	31	2,859	3	467	5	900
		Sub Total		1,865	55,300	84	25,186	24	20,348	26	5,961
16	IZMIR	35 IZMIR		252	18,763	50	8,108	5	19,410	39	13,140
		09 AYDIN		159	7,817	97	18,487	28	25,945	13	4,617
		20 DENIZLI		257	20,918	45	7,951	21	12,455	15	3,858
		45 MANISA		180	15,861	71	15,694	12	75,651	30	13,578
		48 MUGLA		290	22,191	48	7,203	11	3,678	59	20,036
		Sub Total		1,138	85,550	311	57,443	77	137,169	156	55,229
17	BURSA	16 BURSA		262	16,638	16	696	9	16,734	10	2,884
		10 BALIKESIR		159	15,304	26	2,049	7	9,894	22	9,474
		11 BILECIK		139	10,888	8	298	0	0	8	1,119
		17 CANAKKALE		175	17,802	5	233	7	2,433	27	17,201
		79 YALOVA		31	1,747	0	0	0	0	0	0
		Sub Total		766	62,379	55	3,276	23	29,081	67	30,678
18	ISTANBUL	34 ISTANBUL		81	5,028	2	99	3	206	32	9,170
		22 EDIRNE		131	12,031	5	519	14	3,674	8	2,030
		39 KIRKLARELI		149	13,084	6	499	13	3,790	0	0
		41 KOCAELI		78	6,425	6	650	0	0	15	2,868
		54 SAKARYA		65	7,745	5	332	0	0	146	33,940
		59 TEKIRDAG		111	16,257	8	794	2	1,466	10	2,204
		Sub Total		615	60,570	32	2,893	32	9,136	211	50,212
TOTAL				12,227	814,516	1,193	202,175	370	704,140	1,102	304,767
WHOLE COUNTRY				16,519	1,146,392	1,615	349,091	466	823,355	1,167	318,756

Data Source: General Inventory of Service Application, GDRS, 1996



Table A.3 Tendency of Soil and Water Sources Development

(Units,ha)

No.	Application years	Irrigation	Onfarm development	Drainage and soil improvement	Land Conservation	Land Consolidation	Soil-water credits
1	1965	90,573	104,181	49,524	81,762	456	41,263
2	1966	119,404	109,331	61,793	85,420	1,300	50,187
3	1967	154,053	115,572	72,404	87,817	3,258	60,986
4	1968	184,835	122,698	83,660	89,790	6,371	72,933
5	1969	216,005	132,024	94,403	91,360	11,755	81,959
6	1970	235,497	147,202	101,418	93,533	17,942	90,120
7	1971	265,022	169,202	105,519	96,693	23,124	95,863
8	1972	303,438	187,953	111,035	100,601	28,349	101,758
9	1973	349,947	211,378	118,823	105,818	31,527	108,480
10	1974	399,882	231,318	125,674	112,128	34,598	118,333
11	1975	442,106	255,685	132,778	121,569	36,000	128,533
12	1976	505,656	294,937	143,983	134,313	41,217	140,344
13	1977	577,095	334,224	161,688	154,563	43,406	151,746
14	1978	603,622	351,808	167,280	157,780	47,658	164,225
15	1979	641,847	367,648	174,992	180,919	52,149	175,827
16	1980	672,243	385,331	182,106	186,496	52,149	187,046
17	1981	723,307	408,876	194,373	198,073	56,459	201,705
18	1982	770,798	439,519	206,217	210,885	57,045	223,558
19	1983	814,584	469,787	222,027	227,157	62,485	246,641
20	1984	868,234	508,440	243,965	250,314	65,517	272,627
21	1985	914,213	548,553	259,527	267,190	67,982	295,838
22	1986	951,769	596,203	279,208	282,590	72,136	318,038
23	1987	991,889	634,217	286,912	298,020	79,475	341,911
24	1988	1,019,373	656,717	291,212	308,372	85,993	362,731
25	1989	1,045,062	669,828	297,329	318,391	88,748	378,586
26	1990	1,063,749	698,065	304,832	327,093	102,525	387,431
27	1991	1,089,475	723,345	308,466	336,453	107,024	397,824
28	1992	1,101,374	741,219	309,822	341,137	119,452	406,934
29	1993	1,114,988	775,883	316,300	344,905	148,800	417,380
30	1994	1,124,391	802,623	317,163	346,767	167,510	426,252
31	1995	1,146,392	823,355	318,756	349,091	174,345	438,375

Data Source: General Inventory of Service Application, GDRS, 1996

Table A 4 Drainage Problem Dispersion by Province

RD No	Regional Office	City No	Name of Province	Inefficient Drainage		Bad Drainage		Multi-Function Drainage		Extreme Drainage		Total			
				Suitable For Agric	Unsuitable For Agric	Suitable For Agric	Unsuitable For Agric	Suitable For Agric	Unsuitable For Agric	Suitable For Agric	Unsuitable For Agric	Suitable For Agric	Unsuitable For Agric		
1	ANKARA	06	ANKARA	40,709		2,023	12,172					42,731	12,172		
		14	BOLU	5,039		1,395						6,335	970		
		18	CANKIRI	9,164			9,261			970		9,164	9,261		
		71	KIRSEKALE												
		Sub Total	54,912		3,318	21,433			970		58,230	22,493			
2	KONYA	42	KONYA	154,250	8,528	108,760	71,472			111,012		345	263,010	191,357	
		48	AKSARAY												
		70	KARAMAN												
		51	NIGDE	39,966		86,032	3,670			44,044		517	125,998	48,231	
		Sub Total	194,216	8,528	194,792	75,142			155,056		862	389,008	239,588		
3	ADANA	01	ADANA	89,933		28,149	32,485			14,684			118,082	47,169	
		33	ICEL	1,376									1,376		
		31	HATAY	34,348		6,648	1,083						40,996	1,083	
		80	OSMANIYE												
		Sub Total	125,657		34,797	33,568			14,684			160,454	48,252		
4	KAYSERI	38	KAYSERI	54,430		13,245	36,535						67,675	36,535	
		40	KIRSEHIR	12,306	12,867	3,333	8,460						15,639	21,327	
		57	NEVSEHIR	9,537		1,832	1,552						11,369	2,683	
		66	YOZGAT	26,326		3,033	1,657					1,131	29,359	2,074	
		Sub Total	102,599	12,867	21,443	48,214			178		1,360	124,042	62,619		
5	SIVAS	58	SIVAS	21,629		2,506	8,485					180	24,135	8,665	
		60	TOKAT	6,787		1,236							8,023		
				Sub Total	28,416		3,742	8,485					180	32,158	8,665
11	TRABZON	61	TRABZON	161		86							247		
		08	ARTVIN	982									982		
		89	BAYBURT												
		28	GIRE SUN		74,141									74,141	
		29	GUMUSHANE	10,531		1,622							12,153		
		53	RIZE	1,215	93,351								1,215	93,351	
		Sub Total	12,889	167,492	1,708							14,597	167,492		
12	SAMSUN	55	SAMSUN	49,370		1,053	19,273			640			50,423	19,913	
		05	AMASYA	7,432		9,205	406						16,637	406	
		19	CORUM	7,581		331	2,800			653			7,932	3,453	
		52	ORDU	1,185	22,440								1,185	22,440	
				Sub Total	65,568	22,440	10,589	22,479			1,293			76,157	46,212
13	KASTAMONU	27	KASTAMONU	254			1,170						254	1,170	
		87	ZONGULDAK			1,724							1,724		
		57	SINOP							173				173	
		77	KARABUK												
		74	BARTIN												
		Sub Total	254		1,724	1,170			173			1,978	1,343		
14	ESKISEHIR	26	ESKISEHIR	57,741		7,330	4,441			6,886			65,071	11,347	
		03	AFYON	57,737	2,499	8,308	5,733			5,922			66,065	14,159	
		43	KUTAHYA	39,196		4,476	1,006						43,672	1,006	
		64	USAK	1,468		1,513							2,981		
		Sub Total	156,162	2,499	21,627	11,205			12,808			177,789	26,512		
15	ANTALYA	07	ANTALYA	27,776		34,041	1,382			3,726		144	61,817	5,252	
		13	BURDUR	14,902		11,574	1,184			3,425			26,476	4,609	
		33	GPARTA	20,182		5,235		2,206		112		94	27,623	206	
				Sub Total	62,860		50,850	2,566	2,206		7,263		238	115,916	10,067
16	IZMIR	35	IZMIR	58,344	5,585	6,196	12,251			2,944		477	64,540	21,257	
		09	AYDIN	64,197	1,701	9,054	16,257	1,670		2,972		21	74,921	20,954	
		20	DENIZLI	34,643	109	4,810	31			2,699	7,206	1,277	46,659	4,116	
		45	MANISA	58,525	4,283	4,990	4,158				294	202	63,809	8,643	
		48	MUGLA	25,559		2,422	5,683			5,335	3,652	3,833	31,633	14,851	
				Sub Total	241,268	11,675	27,472	38,380	1,670		13,950	11,152	5,813	281,562	69,821
17	BURSA	16	BURSA	41,818		19,827	521			3,870			61,645	4,391	
		10	BAUXES.R	27,776		6,571	897			3,200			34,347	4,097	
		11	BILECİK	4,571		938	21						5,509	21	
		17	CANAKKALE	23,436		2,614	1,400			4,192			25,450	5,592	
		74	YALOVA												
		Sub Total	97,601		29,350	2,839			11,262			126,951	14,101		
18	ISTANBUL	34	ISTANBUL	11,511		1,570				3,773			13,081	3,773	
		22	EDIRNE	21,593		21,379	4,775			14,710			42,972	19,485	
		39	KIRKLARELI	7,527									7,527		
		41	KOCAELI	11,006		1,279				96			12,285	96	
		54	SAKARYA	43,253		21,954				2,931		3,109	70,209	6,049	
		59	TEKIRDAG	4,620			218			150			4,620	368	
		Sub Total	104,512		45,182	4,993			21,662		3,109	150,694	29,764		
TOTAL				1,246,914	225,504	547,594	270,474	3,876	239,299	11,152	11,562	1,709,536	746,839		
OTHER CITY				215,510	1,450	36,813	21,431	8,649	31,557		3,350				
WHOLE COUNTRY TOTAL				1,462,424	226,954	584,407	291,905	12,525	270,856	11,152	14,912	1,709,536	746,839		

Data Source: Irrigation Department, GDRS (1973)

Table A 5 Present and Future Land Consolidation Services(Irrigation Department)

<u>Items</u>	<u>Area Hectare</u>
1. Completed Area(1996) (275 Settlement)	192,279
2. Investment Program(1996~1997)	85,492
3. Short-term Program(next 10 Years)	196,210
<b>Sub Total</b>	<b>473,981</b>
4. Long-term Program(1995~)	
Irrigated	3,992,019 (4,466,000)
To be Irrigated	4,034,000
<b>Sub Total</b>	<b>8,026,019</b>
<b>Total</b>	<b>8,500,000</b>

Table A 6 List of Land Consolidation Project(Irrigation Department)  
Operated Project

	<u>Area Hectare</u>
1. Edirne-Meric-Kucukdoganca	225
2. Edirne-Uzunkopru-Eskikoy-Cakmak-Kurtepe-Hamitli	920
3. Edirne-Meric-Kadidondurma	1,200
4. Edirne-Akadam	500
5. Konya-Eregli-Ivriz Irrigation Tasagil-Adabag Korakoyun Villages	2,753
6. Ankara-Holatli-Eskikaesak	450
7. Denizli-Civril-Acipayam	1,270
8. Eskisehir-Koltan Village	600
9. Aydin Ovasi 7.Section	3,990
10. Balikesir Gonen Plain III Section	2,826
11. Gaziantep-Nurdag-Sakcagoz	2,500
12. Izmir-Bakircay-Kinik Sul.II Section	2,894
13. Izmir-Bergama-Kadikoy-Zagnos Villages	1,500
14. Bursa-Karacabey Plain II.Section	5,051
15. Denizli-Baklan Plain IV.Section	5,850
16. Canakkale-Kumkale Plain	4,794
17. Malatya-Cerkezyazisi II.Section	6,000
18. Cankiri-Merkez-Kizilimak	550
<b>Sub Total</b>	<b>43,873</b>
<b><u>1997 Program</u></b>	
1. Ankara-Polatli-Kocahacili	600
2. Cankiri-Kizilirmak Valley Irrigation	7,250
3. Konya-Cumra-Icericumra-Alibeyli Huyugu,Yenice-Sunguc	2,411
4. Konya-Seydisehir-Ortakaracaoren,Asagikaracaoren, Baskaracaoren,Tasagil,ve Beysehir-Yenidogan	4,220
5. Konya-Ilgin-Argithani-Mecidiye-Bogazkent ve Orhaniye	1,772
6. Konya-Karatay-Katraci-Akoren-Kisla-Toprakli Yaylari ve Cengelti	1,850
7. Karaman-Osmaniye-Kilbasan Y.A.S(Ground Waters)	3,618
8. Tokat-Zile-Ozyurt	600
9. Tokat-Erbaa-Cakli ve Uzumlu	500
10. Malatya-Cerkezyazisi III Section	2,396

11. Elazig-Kuzova Project	4,000
12. Amasya-Merzifon-Karsiyaka	1,195
13. Sinop-Duragan-Akcabuk	150
14. Isparta-Merkez-Bozanonu	1,127
15. Burdur-Karamanli-Murseller	425
16. Izmir-Dikili-Altinova Irrigation	5,100
17. Denizli-Cardak-Calti ve Bozkurt-Dutluca	425
18. Bursa-Yenisehir-Soylemis ve Ayaz	705
19. Balikesir-Gonen Ovasi IV Section Armutlu-Gergeli Villages	2,000
20. Edirne-Merkez-Nasuhbey ve Sezen	1,275
<b>Sub Total</b>	<b>41,619</b>
<b>Total Area (1996~1997)</b>	<b>85,492</b>

**Table A 7 Land Consolidation Project (Short-term Plan;within 5~10Years)**

	<u>Area</u>
1. Karaman-Merkez-Ibrala Sulamasi	10,000
2. Bursa-Yenisehir Plain	6,043
3. Izmir-Kinik-Gocbeyli	10,347
4. Konya Plain Ground Water Irrigation Areas	7,775
5. Edirne-Meric ve Ergene Basin 46.Village	18,500
6. Balikesir-Manyas Plain 29.Village	20,050
7. Tokat-Camlibel Ovasi Yukari Cekerek Project 36.Village	18,805
8. Tokat-Zile Plain	5,471
9. Aksaray-Eskil-Esmekaya Town	15,200
10. Kutahya-Merkez-Kopruoren Ground Irrigation	5,000
11. Adana-Yuregir Plain 45.Village	38,019
12. Eskisehir-Inonu Plain	10,000
13. Gaziantep-Kayacik Irrigation	11,000
14. Bursa-Kemalpasa Plain	20,000
<b>Total</b>	<u><b>196,210</b></u>

Data Source;Irrigation Department, Feb,1997

Table A 8 Village Drinking Water Inventory (units;Village units)

RO No.	Regional Office	City No.	Name of Province	With Water	Insufficient	Without Water	Total
1	ANKARA	06	ANKARA	1,043	39	22	1,104
		14	BOLU	1,584	128	66	1,778
		18	CANKIRI	406	84	60	550
		71	KIRIKKALE	137	46	10	193
			Sub Total	3,170	297	158	3,625
2	KONYA	42	KONYA	503	257	57	819
		68	AKSARAY	122	47	14	183
		70	KARAMAN	103	63	32	200
		51	NIGDE	122	12	0	134
			Sub Total	854	379	103	1,336
3	ADANA	01	ADANA	1,004	139	401	1,544
		33	ICEL	598	312	131	1,041
		31	HATAY	516	83	78	677
		80	OSMANIYE				
			Sub Total	2,118	534	610	3,262
4	KAYSERI	38	KAYSERI	518	9	12	539
		40	KIRSEHIR	256	22	0	278
		50	NEVSEHIR	144	3	0	147
		66	YOZGAT	567	45	23	635
			Sub Total	1,485	79	35	1,599
5	SIVAS	58	SIVAS	1,339	75	536	1,950
		60	TOKAT	767	58	155	980
			Sub Total	2,106		691	2,930
11	TRABZON	61	TRABZON	2,939	243	826	4,008
		08	ARTVIN	1,195	598	237	2,030
		69	BAYBURT	206	14	7	227
		28	GIRESun	1,505	228	886	2,619
		29	GUMUSHANE	445	65	296	806
		53	RIZE	1,075	486	262	1,823
			Sub Total	7,365	1,634	2,514	11,513
12	SAMSUN	55	SAMSUN	1,663	655	539	2,857
		05	AMASYA	420	74	75	569
		19	CORUM	940	30	160	1,130
		52	ORDU	1,864	227	744	2,835
			Sub Total	4,887	986	1,518	7,391
13	KASTAMON	37	KASTAMONU	1,972	530	1,120	3,622
		67	ZONGULDAK	150	1,003	2	1,155
		57	SINOP	1,564	165	180	1,909
		77	KARABUK	577	138	170	885
		74	BARTIN	462	307	62	831
	Sub Total	4,725	2,143	1,534	8,402		
14	ESKISEHIR	26	ESKISEHIR	369	69	15	453
		03	AFYON	367	118	63	548
		43	KUTAHYA	581	20	87	688
		64	USAK	337	30	146	513
			Sub Total	1,654	237	311	2,202
15	ANTALYA	07	ANTALYA	1,044	89	739	1,872
		15	BURDUR	242	18	29	289
		32	ISPARTA	252	23	23	298
			Sub Total	1,538	130	791	2,459
16	IZMIR	35	IZMIR	662	117	238	1,017
		09	AYDIN	582	109	118	809
		20	DENIZLI	316	179	167	662
		45	MANISA	794	88	424	1,306
		48	MUGLA	482	51	301	834
	Sub Total	2,836	544	1,248	4,628		
17	BURSA	16	BURSA	700	56	11	767
		10	BALIKESIR	959	78	66	1,103
		11	BILECİK	219	50	2	271
		17	CANAKKALE	541	102	9	652
		79	YALOVA	30	0	0	30
	Sub Total	2,449	286	88	2,823		
18	ISTANBUL	34	ISTANBUL	152	12	0	164
		22	EDİRNE	174	63	14	251
		39	KIRKLARELI	177	5	0	182
		41	KOCAELI	527	28	13	568
		54	SAKARYA	615	102	16	733
		59	TEKIRDAG	242	18	2	262
			Sub Total	1,887	228	45	2,160
<b>TOTAL</b>				<b>37,074</b>	<b>7,477</b>	<b>9,646</b>	<b>54,330</b>
<b>OTHER CITY</b>				<b>13,229</b>	<b>3,813</b>	<b>5,319</b>	<b>22,228</b>
<b>WHOLE COUNTRY TOTAL</b>				<b>50,303</b>	<b>11,290</b>	<b>14,965</b>	<b>76,558</b>

Data Source: General Inventory of Service Application, GDRS, (1996)

Table A 9 High Priority City on Drinking Water Improvement

(Units;Km)

No.	City	with water	insufficient	without water	TOTAL
1	ADIYAMAN	575	86	314	975
2	AGRI	458	247	224	929
3	ARDAHAN	181	61	50	292
4	ARTVIN	1,195	598	237	2,030
5	BARTIN	462	307	62	831
6	BATMAN	197	116	241	554
7	BAYBURT	206	14	7	227
8	BiNGOL	564	139	383	1,086
9	BITLIS	408	135	95	638
10	CANAKKALE	8	0	0	8
11	DIYARBAKIR	693	360	922	1,975
12	ERZINCAN	602	78	114	794
13	GUMUSHANE	445	65	296	806
14	HAKKARI	535	28	17	580
15	IGDIR	86	76	52	214
16	KARABUK	577	138	170	885
17	KARS	293	87	67	447
18	KASTAMONU	1,972	530	1,120	3,622
19	MARDIN	544	80	207	831
20	MUS	424	33	108	565
21	SINOP	1,564	165	180	1,909
22	SiIRT	315	62	126	503
23	SANLIURFA	1,475	359	745	2,579
24	SIRNAK	203	73	226	502
25	TUNCELI	741	155	326	1,222
26	VAN	669	182	175	1,026
27	ZONGULDAK	123	780	2	905 (excluding Ereğli)
Total 27City		15,515	4,954	6,466	26,935 Haric
27/79City Percentage		30.84	43.88	43.21	35.18

Data Source; General Inventory of Service Application, GDRS, 1996

Table A 10 Village Drinking Water Facility (Total), 1995

RO No	Regional Office	City No	Name of Province	Water Pipe System			Draw Water Place			(Units Number)		
				Village	Belonging	Total	Village	Belonging	Total	Village	Belonging	Total
1	ANKARA	04	ANKARA	767	88	855	111	116	227	878	204	1,082
		14	BOLU	545	447	992	243	475	718	788	922	1,710
		18	CANKIRI	190	44	234	238	259	497	428	303	731
		71	KIRIKKALE	137	3	140	32	10	42	169	13	182
			Sub Total	1,639	582	2,221	624	860	1,484	2,263	1,442	3,705
2	KONYA	42	KONYA	443	53	496	164	107	271	607	160	767
		68	AKSARAY	70	8	78	75	14	89	145	22	167
		70	KARAMAN	97	8	105	49	14	63	146	22	168
		51	NIĞDE	80	7	87	40	7	47	120	14	134
			Sub Total	690	76	766	328	142	470	1,018	218	1,236
3	ADANA	01	ADANA	228	102	330	406	407	813	634	509	1,143
		33	KEL	227	100	327	229	366	595	456	466	922
		31	HATAY	260	121	381	86	140	226	346	261	607
		80	OSMANIYE									(ADANA)
			Sub Total	715	323	1,038	721	913	1,634	1,436	1,236	2,672
4	KAYSERI	38	KAYSERI	308	21	329	124	74	198	432	95	527
		40	KIRSEHIR	190	15	205	37	23	60	227	33	265
		50	NEVSEHIR	136	2	138	5	6	11	141	8	149
		66	YOZGAT	291	3	294	291	25	316	582	28	610
			Sub Total	925	41	966	457	128	585	1,382	169	1,551
5	SIVAS	58	SIVAS	350	19	369	687	346	1,033	1,037	365	1,402
		60	TOKAT	335	40	375	291	158	449	626	198	824
			Sub Total	685	59	744	978	504	1,482	1,663	563	2,226
11	TRABZON	61	TRABZON	503	2,654	3,157				503	2,654	3,157
		08	ARTVIN	296	1,432	1,728	3	58	61	299	1,490	1,789
		69	BAYBURT	159	3	162	11	44	55	170	47	217
		28	Giresun	247	707	954	206	544	750	453	1,251	1,704
		29	GUMUSHANE	251	160	411	51	48	99	302	208	510
		53	RIZE	330	1,229	1,559				330	1,229	1,559
			Sub Total	1,786	6,185	7,971	271	694	965	2,057	6,879	8,936
12	SAMSUN	55	SAMSUN	229	205	434	585	1,294	1,879	814	1,499	2,313
		05	AMASYA	222	30	252	120	117	237	342	147	489
		19	CORUM	364	25	389	325	249	574	689	274	963
		52	ORDU	89	394	483	346	1,238	1,584	435	1,632	2,067
			Sub Total	904	654	1,558	1,376	2,898	4,274	2,280	3,552	5,832
13	KASTAMONU	37	KASTAMONU	337	399	736	540	1,187	1,727	877	1,586	2,463
		67	ZONGULDAK	268	377	645	268	586	854	536	963	1,499
		57	SINOP	147	390	537	293	895	1,188	440	1,285	1,725
		77	KARABUK									
		74	BARTIN	95	132	227	148	335	483	243	467	710
	Sub Total	847	1,298	2,145	1,249	3,003	4,252	2,096	4,301	6,397		
14	ESKISEHIR	76	ESKISEHIR	186	14	200	196	40	236	382	54	436
		03	AFYON	269	28	297	125	58	183	394	86	480
		43	KUTAHYA	441	24	465	93	32	125	534	56	590
		64	USAK	153	65	218	64	77	141	217	142	359
			Sub Total	1,049	131	1,180	478	207	685	1,527	338	1,865
15	ANTALYA	07	ANTALYA	272	341	613	177	322	499	449	663	1,112
		15	BURDUR	166	21	187	16	37	53	182	58	240
		32	ISPARTA	150	27	177	21	76	97	171	103	274
			Sub Total	588	389	977	214	435	649	802	824	1,626
16	IZMIR	35	IZMIR	447	83	530	135	92	227	582	175	757
		09	AYDIN	364	99	463	107	125	232	471	224	695
		20	Denizli	253	67	320	101	79	180	354	146	500
		45	MANISA	416	29	445	285	143	428	701	172	873
		48	MUGLA	204	137	341	80	97	177	284	234	518
			Sub Total	1,684	415	2,099	708	536	1,244	2,392	951	3,343
17	BURSA	16	BURSA	514	47	561	171	32	203	685	79	764
		10	BALIKESIR	677	32	709	194	134	328	871	166	1,037
		11	BILEGK	110	14	124	121	24	145	231	38	269
		17	CANAKKALE	416	23	439	146	56	202	562	79	641
		29	YALOVA									
			Sub Total	1,717	116	1,833	632	246	878	2,349	362	2,711
18	ISTANBUL	34	ISTANBUL	130	32	162	10	9	19	140	41	181
		21	EDIRNE	157		157	78		78	235		235
		39	KIRKLARELI	121	1	122	59	1	60	180	2	182
		41	KOCAELI	200	272	472	24	63	87	224	335	559
		54	SAKARYA	330	123	453	149	105	254	479	228	707
		59	TEKIRDAG	178	1	179	81	2	83	259	3	262
			Sub Total	1,116	429	1,545	401	180	581	1,517	609	2,126
TOTAL				14,345	10,698	25,043	8,437	10,746	19,183	22,782	21,444	44,226
OTHER CITY				1,728	440	2,168	7,779	6,937	14,716	9,507	7,377	16,884
WHOLE COUNTRY TOTAL				16,073	11,138	27,211	16,216	17,683	33,899	32,289	28,821	61,110



Table A 11 Village Drinking Water Facility with Insufficient Water Resources, 1995

RO No	Regional Office	City No	Name of Province	Water Pipe System			Draw Water Place			Total		
				Village	Belonging	Total	Village	Belonging	Total	Village	Belonging	Total
1	ANKARA	06	ANKARA	9		9	17	18	35	26	18	44
		14	BOLU	11	4	15	60	68	128	71	72	143
		18	CANKIRI	5	2	7	70	29	99	75	31	106
		71	KIRIKKALE	14		14	28	4	32	42	4	46
			Sub Total	39	6	45	175	119	294	214	125	339
2	KONYA	42	KONYA	50	8	58	140	71	211	190	79	269
		68	AKSARAY	2		2	40	13	53	42	13	55
		70	KARAMAN	18		18	39	8	47	57	8	65
		51	NIGDE	1		1	17	5	22	18	5	23
			Sub Total	71	8	79	236	97	333	307	105	412
3	ADANA	01	ADANA	9	7	16	56	71	127	65	78	143
		33	ICEL	31	9	40	122	168	290	153	177	330
		31	HATAY	14	8	22	53	23	76	67	31	98
		80	OSMANIYE									(ADANA)
			Sub Total	54	24	78	231	252	493	285	285	571
4	KAYSERI	38	KAYSERI				13	1	14	13	1	14
		40	KURSEHIR	6		6	16	5	21	22	5	27
		50	NEVSEHIR	7		7	1		1	8		8
		66	YOZGAT				46		46	46		46
			Sub Total	13		13	76	6	82	89	6	95
5	SIVAS	58	SIVAS				65	14	79	65	14	79
		60	TOKAT	8		8	44	7	51	52	7	59
			Sub Total	8		8	109	21	130	117	21	138
11	TRABZON	61	TRABZON	31	214	245				31	214	245
		08	ARTVIN	94	495	589	3	32	35	97	527	624
		69	BAYBURT	15		15	2	1	3	17	1	18
		28	GRESUN	19	49	68	41	159	200	60	208	268
		29	QUMUSHANE	11	3	14	32	26	58	43	29	72
		53	RIZE	90	404	494				90	404	494
			Sub Total	260	1,165	1,425	78	218	296	338	1,383	1,721
12	SAMSUN	55	SAMSUN	29	39	68	169	430	599	198	469	667
		05	AMASYA				68	19	87	68	19	87
		19	CORUM				29	5	34	29	5	34
		52	ORDU	8	33	41	59	154	213	67	187	254
			Sub Total	37	72	109	325	608	933	362	680	1,042
13	KASTAMONU	37	KASTAMONU				192	369	561	192	369	561
		67	ZONGULDAK	51	48	99	155	268	423	206	316	522
		57	SINOP				43	126	169	43	126	169
		77	KARABUK									
		74	BARTIN	19	23	41	87	154	241	105	177	282
	Sub Total	69	71	140	477	917	1,394	546	988	1,534		
14	ESKISEHIR	26	ESKISEHIR	8	1	9	89	3	92	97	4	101
		03	AFYON	9		9	107	35	142	116	35	151
		43	KUTAHYA	9	1	10	13	3	16	22	4	26
		64	USAK	2		2	20	13	33	22	13	35
			Sub Total	28	2	30	229	54	283	257	56	313
15	ANTALYA	07	ANTALYA	7		7	39	44	83	46	44	90
		15	BURDUR	1		1	4	1	5	5	1	6
		32	ISPARTA	6	1	7	4	18	22	10	19	29
			Sub Total	14	1	15	47	63	110	61	64	125
16	IZMIR	35	IZMIR	28		28	67	30	97	95	30	125
		09	AYDIN	25	5	30	53	32	85	78	37	115
		20	DENIZLI	84	19	103	67	41	108	151	60	211
		45	MANISA	2		2	68	24	92	70	24	94
		48	MUGLA	1	1	2	39	13	52	40	14	54
	Sub Total	140	25	165	294	140	434	434	165	599		
17	BURSA	16	BURSA	4		4	59	5	64	63	5	68
		10	BALIKESIR	14		14	64	24	88	78	24	102
		11	BILECK	3		3	54	6	60	57	6	63
		17	CANAKKALE	25	1	26	59	15	74	84	16	100
		79	YALOVA									
	Sub Total	46	1	47	236	50	286	282	51	333		
18	ISTANBUL	34	ISTANBUL	11	3	14	6		6	17	3	20
		22	EDIRNE	13		13	55		55	68		68
		39	KIRKLARELI				6		6	6		6
		41	KOCAELI		4	4	10	19	29	10	23	33
		54	SAKARYA	37	14	51	62	27	89	99	41	140
		59	TEKRADAG	7		7	19	1	20	26	1	27
	Sub Total	68	21	89	158	47	205	226	68	294		
	TOTAL	847	1,396	2,243	2,671	2,602	5,273	3,518	3,998	7,516		
	OTHER CITY	48	15	63	2,130	1,634	3,764	2,178	1,649	3,827		
	WHOLE COUNTRY TOTAL	895	1,411	2,306	4,801	4,236	9,037	5,696	5,647	11,343		

Table A 12 Sewerage Development Plan (1995 Jan. Ist)

RO No.	Regional Office	City No.	Name of Province	Existing units	Long Term Plan	Implementation Plan (1996 - 2002)			
						units	Population 1990	Project Cost(MTL)	Project Cost(us1000\$)
1	ANKARA	06	ANKARA	104	344	105	45,676	143,325	3,412
		14	BOLU	32	19	19	7,116	23,010	548
		18	CANKIRI	5	165	70	17,551	82,460	1,963
		71	KIRIKKALE	3	145	70	23,830	87,920	2,093
		Sub Total			144	673	264	94,173	336,715
2	KONYA	42	KONYA	5	355	105	79,524	151,410	3,605
		68	AKSARAY		14	14	11,909	23,852	568
		70	KARAMAN		4	4	2,306	11,669	278
		51	NIGDE	4	24	24	22,651	84,836	2,020
		Sub Total			9	397	147	116,390	271,767
3	ADANA	01	ADANA	19	44	44	34,848	287,806	6,853
		33	ICEL	4	24	22	21,500	90,684	2,160
		31	HATAY	10					
		80	OSMANIYE						(ADANA)
		Sub Total			33	68	66	56,348	378,490
4	KAYSERI	38	KAYSERI	10	10	10	5,503	21,670	516
		40	KIRSEHIR	1	58	58	40,163	89,551	2,182
		50	NEVSEHIR	9	56	56	45,576	100,452	2,392
		66	YOZGAT	1	185	70	48,329	102,200	2,433
		Sub Total			21	309	194	139,571	313,873
5	SIVAS	58	SIVAS	32	366	103	37,800	101,325	2,413
		60	TOKAT	97	126	70	41,163	98,140	2,337
		Sub Total			129	492	175	78,963	199,465
11	TRABZON	61	TRABZON	3					
		08	ARTVIN	5	15	15	5,916	26,853	639
		69	BAYBURT	8	66	66	26,475	260,458	6,201
		28	GIRESUN	2	4	4	3,358	4,563	109
		29	GUMUSHANE	7	84	84	36,209	119,988	2,857
		53	RIZE	1	27	27	11,066	21,395	509
Sub Total			26	196	196	83,024	433,257	10,315	
12	SAMSUN	55	SAMSUN	33	245	105	38,211	101,010	2,405
		05	AMASYA	41	92	92	49,542	152,368	3,629
		19	CORUM	19	82	82	53,593	119,027	2,834
		52	ORDU		12	12	11,223	27,465	654
		Sub Total			93	431	291	152,569	399,870
13	KASTAMON	37	KASTAMONU	22	46	46	12,788	50,426	1,201
		67	ZONGULDAK	14	34	34	24,435	66,196	1,576
		57	SINOP	11	111	70	26,167	66,290	1,578
		77	KARABUK						
		74	BARTIN	3	123	70	20,301	87,290	2,078
Sub Total			29	314	220	83,691	270,202	6,433	
14	ESKISEHIR	26	ESKISEHIR	3	148	105	50,833	187,425	4,461
		03	AFYON	29	230	70	34,003	96,180	2,290
		43	KUTAHYA	11	65	105	45,049	103,110	2,455
		64	USAK	13	17	17	12,581	45,386	1,081
		Sub Total			56	460	297	142,466	432,101
15	ANTALYA	07	ANTALYA		47	47	40,133	176,000	4,191
		15	BURDUR	14	30	30	17,085	117,786	2,804
		32	ISPARTA	17	21	21	14,003	39,642	944
		Sub Total			31	98	98	71,221	333,428
16	IZMIR	35	IZMIR	40	66	66	52,902	184,587	4,395
		09	AYDIN	5	15	15	14,792	38,062	906
		20	DENIZLI	6	11	11	8,809	36,403	867
		45	MANISA	13	29	29	18,799	39,789	947
		48	MUGLA	4	21	21	20,041	47,025	1,120
Sub Total			68	142	142	115,343	345,866	8,235	
17	BURSA	16	BURSA	24	176	105	59,941	131,460	3,130
		10	BALIKESIR	35	31	31	14,301	49,801	1,186
		11	BILECIK	13	77	77	31,965	146,485	3,488
		17	CANAKKALE	38	204	105	52,663	116,130	2,765
		79	YALOVA						
Sub Total			110	488	318	158,870	443,876	10,569	
18	ISTANBUL	34	ISTANBUL	79	30	30	25,522	94,570	2,252
		22	EDIRNE	2	95	95	88,837	221,973	5,285
		39	KIRKLARELI	5	106	70	56,309	393,050	9,358
		41	KOCAELI	9	26	26	16,408	60,621	1,443
		54	SAKARYA	4	10	10	8,075	50,193	1,193
		59	TEKIRDAG	4	36	36	28,798	73,359	1,747
Sub Total			103	303	267	223,949	893,766	21,280	
TOTAL				852	4,371	2,675	1,516,578	5,052,678	120,353
OTHER CITY				147	787	463	323,690	913,775	21,705
WHOLE COUNTRY TOTAL				999	5,158	3,138	1,840,268	5,966,451	142,058

Data Source: Rural Sewerage Master Plan, GDRS, ANKARA 1995

Table A 13 Village Roads by Region

(Units: Km)

RO No.	Regional Office	City No.	Name of Province	CONSTRUCTION LEVEL				TOTAL
				ASPHALT	STABILIZED	LEVELD	TRACK	
1	ANKARA	06 ANKARA		1,842	4,257	338	898	7,335
		14 BOLU		686	3,998	194	583	5,461
		18 CANKIRI		264	1,965	291	583	3,103
		71 KIRIKKALE		265	1,203	57	81	1,606
		Sub Total		3,057	11,423	880	2,145	17,505
2	KONYA	42 KONYA		926	4,220	897	664	6,707
		68 AKSARAY		328	1,048	180	161	1,717
		70 KARAMAN		165	1,157	329	221	1,872
		51 NIGDE		463	744	181	131	1,519
		Sub Total		1,882	7,169	1,587	1,177	11,815
3	ADANA	01 ADANA		1,378	3,033	2,206	370	6,987
		33 ICEL		1,014	2,240	1,494	1,567	6,315
		31 HATAY		972	1,195	367	459	2,993
		80 OSMANIYE						0 (ADANA)
Sub Total		3,364	6,468	4,067	2,396	16,295		
4	KAYSERI	38 KAYSERI		746	2,090	493	40	3,369
		40 KIRSEHIR		507	1,100	259	66	1,932
		50 NEVSEHIR		774	429	52	23	1,278
		66 YOZGAT		389	2,891	723	389	4,592
		Sub Total		2,616	6,510	1,527	518	11,171
5	SIVAS	58 SIVAS		246	4,891	2,324	1,203	8,664
		60 TOKAT		424	2,846	902	858	5,030
		Sub Total		670	7,737	3,226	2,061	13,694
11	TRABZON	61 TRABZON		95	6,449	1,900	4,441	12,885
		08 ARTVIN		1	2,343	907	2,143	5,394
		69 BAYBURT		23	856	382	682	1,943
		28 GIRE SUN		54	936	2,141	1,339	4,470
		29 GUMUSHANE		53	3,266	1,554	2,854	7,727
		53 RIZE		99	2,049	1,423	2,577	6,148
Sub Total		325	15,899	8,307	14,036	38,567		
12	SAMSUN	55 SAMSUN		824	4,611	2,940	1,020	9,395
		05 AMASYA		584	1,706	631	596	3,517
		19 CORUM		436	3,767	602	427	5,232
		52 ORDU		130	3,078	1,856	1,700	6,764
Sub Total		1,974	13,162	6,029	3,743	24,908		
13	KASTAMONU	37 KASTAMONU		260	4,738	3,452	1,849	10,299
		67 ZONGULDAK		301	1,963	308	65	2,637
		57 SINOP		244	2,264	2,225	555	5,288
		77 KARABUK		119	1,727	236	112	2,194
		74 BARTIN		175	1,182	169	85	1,611
Sub Total		1,099	11,874	6,390	2,666	22,029		
14	ESKISEHIR	26 ESKISEHIR		611	2,490	172	626	3,899
		03 AFYON		571	2,000	724	598	3,893
		43 KUTAHYA		499	2,473	701	401	4,074
		64 USAK		605	1,211	394	411	2,621
Sub Total		2,286	8,174	1,991	2,036	14,487		
15	ANTALYA	07 ANTALYA		1,757	2,213	3,315	888	8,173
		15 BURDUR		594	1,008	295	139	2,036
		32 ISPARTA		721	550	437	339	2,047
		Sub Total		3,072	3,771	4,047	1,366	12,236
16	IZMIR	35 IZMIR		1,830	890	831	318	3,869
		09 AYDIN		754	1,408	944	529	3,635
		20 DENIZLI		978	2,190	178	335	3,681
		45 MANISA		1,080	2,561	541	723	4,905
		48 MU GLA		800	1,735	908	161	3,604
Sub Total		5,442	8,784	3,402	2,066	19,694		
17	BURSA	16 BURSA		911	2,234	489	1,516	5,150
		10 BALIKESIR		1,238	3,085	453	784	5,560
		11 BILECIK		395	1,087	126	105	1,713
		17 CANAKKALE		708	2,415	247	389	3,759
		79 YALOVA		72	84	26	10	192
Sub Total		3,324	8,905	1,341	2,804	16,374		
18	ISTANBUL	34 ISTANBUL		489	311	61	42	903
		22 EDIRNE		334	1,184	210	804	2,532
		39 KIRKLARELI		396	1,247	89	490	2,221
		41 KOCAELI		638	1,265	232	0	2,135
		54 SAKARYA		711	1,834	166	301	3,012
		59 TEKIRDAG		536	821	211	375	1,943
Sub Total		3,104	6,662	968	2,012	12,746		
TOTAL				32,215	116,538	43,762	39,026	231,541
WHOLE COUNTRY TOTAL				36,308	156,357	74,068	53,322	320,055

Data Source: General Inventory of Service Application, GDRS, 1996

Table A.14 High Priority City on Village Road Development

(Units;Km)

No.	City	Asphalt (Km.)	Stabilized (Km.)	Leveled (Km.)	Trock (Km.)	TOTAL (Km.)
1	ADIYAMAN	134	1,827	1,022	517	3,500
2	AGRI	92	2,443	1,098	886	4,519
3	ARDAHAN	0	679	359	777	1,815
4	ARTVIN	1	2,343	907	2,143	5,394
5	BARTIN	175	1,182	169	85	1,611
6	BATMAN	114	839	708	657	2,318
7	BAYBURT	23	856	382	682	1,943
8	BINGOL	40	899	1,561	985	3,485
9	BITLIS	39	637	1,390	311	2,377
10	CANAKKALE	0	0	0	0	0 Bozcaa
11	DIYARBAKIR	209	3,461	1,540	954	6,164 Gokcea
12	ERZINCAN	297	1,479	1,621	668	4,065 Ilceleri
13	GUMUSHANE	53	3,266	1,554	2,854	7,727
14	HAKKARI	19	566	1,045	47	1,677
15	IGDIR	6	406	391	389	1,192
16	KARABUK	119	1,727	236	112	2,194
17	KARS	19	1,619	718	746	3,102
18	KASTAMONU	260	4,738	3,452	1,849	10,299
19	MARDIN	294	1,956	1,329	343	3,922
20	MUS	31	1,607	842	257	2,737
21	SIRT	67	886	658	258	1,869
22	SINOP	244	2,264	2,225	555	5,288
23	SANLIURFA	483	3,914	2,494	629	7,520
24	SIRNAK	55	638	805	302	1,800
25	TUNCELI	22	784	1,676	581	3,063
26	VAN	30	2,612	2,020	372	5,034
27	ZONGULDAK	217	1,592	226	43	2,078 Ereqli Ilcesi
Total 27City		3,043	45,220	30,428	18,002	96,693 Haric
27/79City Percentage		8.38	28.92	41.08	33.76	30.21

Data Source;General Inventory of Services Application,GDRS,1996

Table A 15 On-going Project Concerned International Loan(GDRS)

1) Drinking Water Supply to Villages

	<u>Plan Figures</u>	<u>Completed 1996 Dec.</u>
-- Water Supply System	7,880unit	6,100units
-- Project Cost (US\$)	259million	100million
-- Implementation Period	<u>1992~1998</u>	

2) Bingol Mus Rural Development Project

	<u>Plan Figures</u>	<u>Completed 1996 Dec.</u>
• Village Road (Gravel)	225km	225km
• Drinking Water Network	90units	39units
• Irrigation Schemes	3,490ha	304ha
• Irrigation Rehabililation	500ha	—
• Animal Drinking Water	80dam	1dam
-- Project Cost (US\$)	16million	3.8million
-- Implementation Period	<u>1991~1997</u>	

3) YOZGAT Rural Development Project

	<u>Plan Figures</u>
• Village Road (Earth)	25km
• Village Road (Gravel)	125km
• Drinking Water (Village)	70units
• Irrigation Scheme	4,900ha
• Irrigation Rehabililation	1,770ha
-- Project Cost (US\$)	17.0million
-- Implementation Period	<u>1991~1998</u>

4) Eastern Anatolia Management Project

	<u>Plan Figures</u>
-- Watershed Management	22,096ha
-- Project Cost (US\$)	22.0million
-- Implementation Period	<u>1993~1996</u>

5) Other Projects

South-Eastern Part of Anatolia (as to GDRS Project)

(GUNEYDOGU ANADOLU PROJECT ; GAP)

	<u>Plan Figures</u>	<u>Period</u>	<u>Completed (1996)</u>
-- Village Road (Earth)	18,000km	until 1997	—
-- Village Road (Gravel)	18,000km	2000	—
-- Village Road (Asphalt)	8,000km	2005	—
-- Drinking Water Network	5,000units	2000	—
-- Sewerage	8,800units	2000	—

-- Settlement	2,144family	1997	--
-- Soil Survey (Detail)	6,500,000ha	2000	945,000ha
-- Dam Irrigation	6,500ha	1996	--
-- Land Reclamation	43,000ha	2000	--
-- On Farm Development	1,634,000ha	2005	10,186ha
-- Project Cost (US\$)	<u>362 million (15T.TL)</u>		

**Table A 16 : Related Master Plan on Study Area(GDRS)**

<b>1) Sanitation Master Plan</b>	<u>Plan Figures</u>
-- Sewerage Scheme Project	5,158units
-- Project Cost (First 7 Years • USA\$)	205million
-- Implementation Period	1996~2002
<b>2) Ten Years Master Plan for Water Supply in Villages</b>	
-- Drinking Water Supply System	
• Villages without Water	14,965units
• Villages with Inadequite Water	11,290units
-- Project Cost (USA\$)	1,113million
-- Implementation Period	10Years
<b>3) ORDU-GIRESUN Rural Development Project</b>	
-- Village Drinking Water System	200units
-- Village Road	800km
-- Implementation Period	1996~2003
<b>4) ERZICAN-SIVAS Rural Development Project</b>	

## **ANNEX B**

### **RURAL SOCIOLOGY AND FARMER'S ORGANIZATION**

## ANNEX B RURAL SOCIOLOGY AND FARMER'S ORGANIZATION

1	TABLE-B-1	Land Tenure and Land Holding
2	TABLE-B-2	Summary of irrigation Cooperative
3	TABLE-B-3	Village Life of Rural Sociology Survey
4	TABLE-B-4	Summary of Village
5	TABLE-B-5	Family Structure
		Hacilar
		Urunlu
		Camlibel
		Kozluk
		Kuska
		Ozdenk
		Aslanlar
		Ilyaskoy
		K.Karistiran
6	FIGURE-B-1	Organization Chart of GDRS
7	FIGURE-B-2	Organization Chart of DSI
8	FIGURE-B-3	Organization Chart of MARA
9	FIGURE-B-4	Organization Chart of Irrigation Cooperative
10	OTHERS-B-1	Summary of Village Law
11	OTHERS-B-2	Summary of Agreement of Irrigation Cooperative



TABLE-B.1 Land Tenure and Land Holding

		Holding operating only their own land			
		Number of holding		Area	
1 - 1	Marmara Region	436,452	91.6%	29,618	81.9%
1 - 2	Aegean Region	684,024	87.4%	24,079	84.0%
1 - 3	Mediterranean Region	292,976	90.1%	13,921	80.8%
2 -	Black sea zone	410,547	88.8%	18,264	86.4%
3 - 1	Central northern Region	225,208	98.1%	13,430	97.8%
2	Central southern Region	321,414	96.3%	46,061	94.0%
3	Central eastern Region	619,990	96.8%	17,235	95.7%
	Study Area	2,990,621	92.0%	162,608	88.4%
	Whole Country	3,672,085	92.6%	209,422	89.3%
		Holding renting land but not letting it out on lease			
		Number of holding		Area	
1 - 1	Marmara Region	35,852	7.5%	6,187	17.1%
1 - 2	Aegean Region	72,995	9.3%	4,065	14.2%
1 - 3	Mediterranean Region	23,812	8.9%	3,174	18.4%
2 -	Black sea zone	32,912	7.1%	2,511	11.9%
3 - 1	Central northern Region	3,492	1.5%	262	1.9%
2	Central southern Region	7,837	2.3%	2,411	4.9%
3	Central eastern Region	19,663	3.1%	759	4.2%
	Study Area	201,563	6.2%	19,369	10.5%
	Whole Country	229,304	5.8%	22,855	9.7%
		Holding operating only rented land			
		Number of holding		Area	
1 - 1	Marmara Region	2,744	0.6%	190	0.5%
1 - 2	Aegean Region	19,047	2.4%	377	1.3%
1 - 3	Mediterranean Region	2,035	0.6%	41	0.2%
2 -	Black sea zone	13,657	3.0%	186	0.9%
3 - 1	Central northern Region	557	0.2%	21	0.2%
2	Central southern Region	3,492	1.0%	310	0.6%
3	Central eastern Region	40	0.0%	0	0.0%
	Study Area	41,572	1.3%	1,125	0.6%
	Whole Country	46,636	1.2%	1,358	0.6%
		Holding operating land only on share basis			
		Number of holding		Area	
1 - 1	Marmara Region	1,077	0.2%	115	0.3%
1 - 2	Aegean Region	4,262	0.5%	99	0.3%
1 - 3	Mediterranean Region	980	0.3%	57	0.3%
2 -	Black sea zone	2,479	0.5%	141	0.7%
3 - 1	Central northern Region	215	0.1%	14	0.1%
2	Central southern Region	1,055	0.3%	102	0.2%
3	Central eastern Region	437	0.1%	12	0.1%
	Study Area	10,505	0.3%	540	0.3%
	Whole Country	12,408	0.3%	602	0.3%
		Others			
		Number of holding		Area	
1 - 1	Marmara Region	268	0.06%	43	0.12%
1 - 2	Aegean Region	1040	0.13%	5	0.02%
1 - 3	Mediterranean Region	166	0.05%	15	0.09%
2 -	Black sea zone	2399	0.52%	22	0.10%
3 - 1	Central northern Region	0	0.00%	0	0.00%
2	Central southern Region	72	0.02%	104	0.21%
3	Central eastern Region	134	0.02%	1	0.01%
	Study Area	4079	0.13%	190	0.10%
	Whole Country	4529	0.11%	199	0.08%

TABLE-B.2 Summary of Irrigation Cooperative

Regional No.	Regional Office	Name of Province	Code		No. of WUA	Planned (ha)	No. of Well	Irr. Area Per well (ha)	Avr. WUA Planned (ha)
1	ANKARA	ANKARA	0	6	2	140	4	35.00	70.00
		BOLU	1	4	0	0	0	0.00	0.00
		CANKIRI	1	8	3	800	19	42.11	266.67
		KIRSEHIR	7	1	1	250	8	31.25	250.00
2	KONYA	KONYA	4	2	141	71,165	1600	44.48	504.72
		AKSARAY	6	8	17	3,485	83	41.99	205.00
		KARAMAN	7	0	27	21,610	437	49.45	800.37
		NIGDE	5	1	43	14,620	354	41.30	340.00
3	ADANA	ADANA	0	1	3	2,880	58	49.66	960.00
		ICEL	3	3	3	210	9	23.33	70.00
		HATAY	3	1	12	11,965	295	40.56	997.08
4	KAYSERI	KAYSERI	3	8	36	12,700	289	43.94	352.78
		KIRSEHIR	4	0	2	330	7	47.14	165.00
		NEVSEHIR	5	0	9	1,890	51	37.06	210.00
		YOZGAT	6	6	3	410	9	45.56	136.67
5	SIVAS	SIVAS	5	8	0	0	0	0.00	0.00
		TOKAT	6	0	4	2,660	73	36.44	665.00
11	TRABZON	TRABZON	6	1	0	0	0	0.00	0.00
		ARTVIN	0	8	0	0	0	0.00	0.00
		BAYBURT	6	9	1	625	17	36.76	625.00
		GIRESUN	2	8	0	0	0	0.00	0.00
		GUMUSHANE	2	9	1	300	9	33.33	300.00
		RIZE	5	3	0	0	0	0.00	0.00
12	SAMSUN	SAMSUN	5	5	3	1,310	24	54.58	436.67
		AMASYA	0	5	44	6,480	156	41.54	147.27
		CORUM	1	9	4	905	21	43.10	226.25
		ORDU	5	2	0	0	0	0.00	0.00
13	KASTAMONU	KASTAMONU	3	7	7	1,610	44	36.59	230.00
		ZONGULDAK	6	7	0	0	0	0.00	0.00
		SINOP	5	7	4	220	4	55.00	55.00
		KARABUK	7	8	0	0	0	0.00	0.00
		BARTIN	7	4	0	0	0	0.00	0.00
14	ESKISEHIR	ESKISEHIR	2	6	24	8,500	202	42.08	354.17
		AFYON	0	3	118	24,435	660	37.02	207.08
		KUTAHYA	4	3	23	5,305	130	40.81	230.63
		USAK	6	4	0	0	0	0.00	0.00
15	ANTALYA	ANTALYA	0	7	14	4,490	107	41.96	320.71
		BURDUR	1	5	55	8,900	245	36.33	161.82
		ISPARTA	3	2	26	4,915	141	34.86	189.04
16	IZMIR	IZMIR	3	5	44	8,305	234	35.49	188.75
		AYDIN	0	9	5	1,500	44	34.09	300.00
		DENIZLI	2	0	24	5,765	129	44.69	240.21
		MANISA	4	5	4	1,100	34	32.35	275.00
		MUGLA	4	8	1	75	3	25.00	75.00
17	BURSA	BURSA	1	6	17	3,340	95	35.16	196.47
		BALIKESIR	1	0	4	5,135	102	50.34	1283.75
		BILECIK	1	1	1	210	5	42.00	210.00
		CANAKKALE	1	7	2	350	10	35.00	175.00
		YALOVA	7	7	0	0	0	0.00	0.00
18	ISTANBUL	ISTANBUL	3	4	0	0	0	0.00	0.00
		EDIRNE	2	2	25	6,490	149	43.56	259.60
		KIRKLARELI	3	9	17	5,205	118	44.11	306.18
		KOCAELI	4	1	1	180	5	36.00	180.00
		SAKARYA	5	4	0	0	0	0.00	0.00
		TEKIRDAG	5	9	15	5,290	114	46.40	352.67
		Total			790	256055	6098	41.99	324.12

TABLE-B.3 Village Life of Rural Sociology and Economic Survey

Village	Province	District	Village	Regional Off.
06-1	Ankara	Şereflikoçhisar	Seymenli (S.L.)	01-06-006
06-2	Ankara	Beypazarı	Acısu (S.L.)	ANKARA 01-06-062
06-3	Ankara	Güdül	Garıpçe (S.L.)	
06-4	Ankara	Haymana	Çalış (S.L.)	01-06-066
06-5	Ankara	Polatlı	Girmeç (S.L.)	01-06-068
14-1	Bolu	Seben	Nimeti (S.L.)	01-14-069
14-2	Bolu	Seben	Gerenözü (S.L.)	01-14-069
18-1	Çankırı	Abaracalar	Çardaklı (L.)	
18-2	Çankırı	İğaz	Yuvasaray (S.L.)	01-18-071
18-3	Çankırı	Kızılırmak	Hacılar	01-18-101
71-1	Kırıkkale	Merkez	Hacılar Kasabası (S.L.)	01-71-072
71-2	Kırıkkale	Karakeçili	Suluözü (S.L.)	01-71-073
71-3	Kırıkkale	Şahsli	Karsahmetli Kasabası (S.L.)	01-71-074
71-4	Kırıkkale	Merkez	Ahılı Kasabası (S.L.)	01-71-075
71-5	Kırıkkale	Keskin	Esatmüminli (S.L.)	01-71-076
06-6	Ankara	Haymana	Seğirca (S.L.)	01-06-077
06-7	Ankara	Beypazarı	İnceelit	
06-8	Ankara	Kalecik	Alibeyli (L.)	
06-9	Ankara	Çubuk	Çatköy	
06-10	Ankara	Nallihan	Çiğir	
06-11	Ankara	Kızılcahamam	Bademli	
06-12	Ankara	Kızılcahamam	Çeltikçi, Bağlıca (L.)	
06-13	Ankara	Polatlı	Şihali	
06-14	Ankara	Kızılcahamam	Yeşilköy (L.)	
18-4	Çankırı	Bayramören	Belenli (L.)	01-18-095
18-5	Çankırı	Kuruşulu	Yeşilöz (L.)	01-18-105
18-6	Çankırı	Çerkeş	Dikenli	
18-7	Çankırı	Çerkeş	Dağçukurören (L.)	01-18-118
18-8	Çankırı	Bayramören	Daikoz (L.)	01-18-086
18-9	Çankırı	Çerkeş	Türbasi	
42-1	Konya	Akşehir	Gözpınarı (S.L.)	KONYA 02-42-001
42-2	Konya	Afinetin	Bonukuyu (S.L.)	02-42-002
42-3	Konya	Çumra	Alibeyhöyüğü Kasabası (S.L.)	02-42-005
42-4	Konya	Çumra	By Aqlama (S.L.)	02-42-006
42-5	Konya	Çumra	İçerçumra (S.L.)	02-42-007
42-6	Konya	Çumra	Ürünü (S.L.)	02-42-008
42-7	Konya	Beyşehir	Huğlu (S.L.)	02-42-011
42-8	Konya	Ereğli	Taşözü (S.L.)	02-42-012
42-9	Konya	Emirgazi	İkizli (S.L.)	02-42-016
42-10	Konya	Çumra	M. Ali ve Örenboyalı (L.)	02-42-017
42-11	Konya	İğın	Ağalar (S.L.)	02-42-020
42-12	Konya	İğın	Argıhanlı Orhanlı (S.L.)	02-42-021
42-13	Konya	Merkez Karapınar	Cumhuriyet	
42-14	Konya	Karapınar	Akören (S.L.)	02-42-027
42-15	Konya	Karapınar	Taşpınar (S.L.)	02-42-029
42-16	Konya	Karapınar	Sazlıpınar (S.L.)	02-42-030
42-17	Konya	Karapınar	Sırçalı (S.L.)	02-42-031
68-1	Aksaray	Ortaköy	Çifteli (L.)	02-68-031
42-18	Konya	Karapınar	Kazanhöyüğü	
42-19	Konya	Karapınar	Küçükkaşlama (S.L.)	02-42-033
42-20	Konya	Karatay	Kemerikotca (S.L.)	02-42-034
42-21	Konya	Karaköy	By Burnak (S.L.)	02-42-035
68-2	Aksaray	Ağaçören	Oymağaç (S.L.)	02-68-035
42-22	Konya	Sarayönü	Başhöyük (S.L.)	02-42-036
42-23	Konya	Yunak	Merkez (S.L.)	02-42-037
42-24-1	Konya	Tuzlukçu	Köküce (S.L.)	02-42-038
42-24-2	Konya	Tuzlukçu	Dursunlu	
68-3	Aksaray	Eskil	Başaran (S.L.)	02-68-041
68-4	Aksaray	Eskil	Büyüksekeler Yaylası (S.L.)	02-68-042
68-5	Aksaray	Merkez	Kargın (S.L.)	02-68-043
68-6	Aksaray	Ortaköy	Devedamı	
68-7	Aksaray	Merkez	Koçpınar (S.L.)	02-68-045
68-8	Aksaray	Merkez	Beyazsaray	
68-9	Aksaray	Merkez	Alaköy	
68-10	Aksaray	Eskil	Akyol	
70-1	Karaman	Sarıveliler	Önek	02-70-152
70-2	Karaman	Merkez	Mesudiye (S.L.)	02-70-050
70-3	Karaman	Merkez	Süleymanhacı (S.L.)	02-70-051
70-4	Karaman	Kazımkarabekir	Özyurt	
70-5	Karaman	Merkez	Çoğlu (S.L.)	02-70-053
70-6	Karaman	Merkez	Karacören	
70-7	Karaman	Merkez	Osmaniye (S.L.)	02-70-055
70-8	Karaman	Kazımkarabekir	Kızılkuyu (S.L.)	02-70-056
51-1	Niğde	Bor	Bereke (L.)	02-51-057
51-2	Niğde	Altınhisar	Yeşilyurt	
51-3	Niğde	Çiftlik	Asmasız (L.)	02-51-060
51-4	Niğde	Bor	Bayat (S.L.)	02-51-061
51-5	Niğde	Bor	Kaynarca (S.L.)	02-51-062
51-6	Niğde	Çiftlik	Sultanpınar	
51-7	Niğde	Merkez	Çanklı (L.)	02-51-069
51-8	Niğde	Bor	Çukurtuyu (L.)	02-51-78

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51-9	Niğde	Atınlıhisar	Çömlekçi	
51-10	Niğde	Merkez	Aktaş (S.L.)	KONYA 02-51-082
51-11	Niğde	Çamardı	Beyazkışlakçı (S.L.)	02-51-083
51-12	Niğde	Çamardı	Pınarbaşı (S.L.)	02-51-087
68-11	Aksaray	Eskil	Savsak Yaylası (L.)	02-68-129
68-12	Aksaray	Ortaköy	Çavdarılar (L.)	02-68-133
68-13	Aksaray	Merkez	Cangırık (L.)	02-68-136
68-14	Aksaray	Merkez	Macarlı (L.)	02-68-137
68-15	Aksaray	Merkez	Ulukışla	
68-16	Aksaray	Eskil	Bayram Döğünsey	
01-1	Adana	Tufanbeyli	Doğanbeyli (S.L.)	ADANA 03-01-005
01-2	Adana	Saimbeyli	Kataeskisi Aygukuru Mevki (S.L.)	03-01-006
01-3	Adana	Karaisalı	Örcün (S.L.)	03-01-007
01-4	Adana	Karaisalı	Emelik (S.L.)	03-01-008
01-5	Adana	Aladağ	Topalı	
01-6	Adana	Karataş	Çukurkamış	
01-7	Adana	Saimbeyli	Yardıbi	
01-8	Adana	Tufanbeyli	Pınarlar	
01-9	Adana	Aladağ	Çamlıbel (Karakuz)	
01-10	Adana	Pozanlı	Hamidiye	
01-11	Adana	Karaisalı	Turunçlu, Tatık (Döseki)	
33-1	İçel	Erdemli	İemin	
33-2	İçel	Merkez	Evcil-Değirmendere (S.L.)	03-33-012
33-3	İçel	Merkez	Tepeköy	
33-4	İçel	Sifirke	Akdere (S.L.)	03-33-014
31-1	Halay	Altınözü	Karsu (S.L.)	03-31-020
31-2	Halay	Döryol	Yeniköy (Yeniyurt) (S.L.)	03-31-021
31-3	Halay	Erzin	Aşağı Burnaz	
31-4	Halay	Kirikhan	408-Evler Mahallesi (S.L.)	03-33-023
31-5	Halay	Kirikhan	Narlıhopuru	
38-1	Kayseri	Pınarbaşı	By.Karmuklu Taşlıoğlu	KAYSERİ
38-2	Kayseri	Pınarbaşı	A.Karagöz (S.)	04-38-006
38-3	Kayseri	Pınarbaşı	Aş Boranderi (S.)	04-38-007
40-1	Kırşehir	Kaman	Ağapınar (S.)	04-40-011
38-4	Kayseri	Pınarbaşı	Kaynar Hüniyet (L.)	04-38-071
38-5	Kayseri	Yeşilhisar	Gülbayır	
38-6	Kayseri	Develli	Soysaltı	
50-1	Nevşehir	Avanos	İğdelikışla-Kuyulukışla	
50-2	Nevşehir	Ürgüp	Şahinefendi	
50-3	Nevşehir	Gölgözü	Abuşağı (L.)	04-50-080
58-1	Sivas	Hafik	Taşhanlı (S.L.)	SIVAS 05-58-002
58-2	Sivas	Merkez	Gazi (S.L.)	05-58-006
58-3	Sivas	Merkez	Gümüşdere	05-58-011
58-4	Sivas	Merkez	Çallı (S.L.)	05-58-020
58-5	Sivas	Merkez	Durdulu (S.L.)	05-58-021
58-6	Sivas	Yıldızeli	Yakup (S.L.)	05-58-024
58-7	Sivas	Hafik	Durulmuş	05-58-025
58-8	Sivas	Yıldızeli	Kızıllı (S.L.)	05-58-032
60-1	Tokat	Sulusaray	Merkez (S.)	05-60-033
60-2	Tokat	Merkez	Akın (S.)	05-60-034
08-1	Artvin	Ardanuç	Harmanlı	TRABZON
08-2	Artvin	Merkez	Seyitler (S.L.)	11-08-016
08-3	Artvin	Şavşat	Çamlıca (L.)	11-08-024
08-4	Artvin	Ardanuç	Zekeriya (L.)	11-08-027
08-5	Artvin	Şavşat	Enik (L.)	11-08-033
08-6	Artvin	Şavşat	Meydancık (S.L.)	11-08-034
08-7	Artvin	Yusufoğlu	Alambası	
08-8	Artvin	Yusufoğlu	Çehikdüzü	
08-9	Artvin	Ardanuç	Avcılar-Gümüşhane	
08-10	Artvin	Şavşat	Veliköy (S.L.)	11-08-038
08-11	Artvin	Yusufoğlu	Balaban	
08-12	Artvin	Murgul	Başköy (L.)	11-08-046
08-13	Artvin	Yusufoğlu	Havuzlu (L.)	11-08-056
08-14	Artvin	Yusufoğlu	Morkaya (L.)	11-08-061
08-15	Artvin	Yusufoğlu	İnanlı (L.)	11-08-066
69-1	Bayburt	Merkez	Gökler (L.)	11-69-082
69-2	Bayburt	Aydintepe	Sorgunlu	
69-3	Bayburt	Merkez	Hacıoğlu (L.)	11-69-091
69-4	Bayburt	Merkez	Yukarıkişlak	
69-5	Bayburt	Merkez	Bahtıkaya (L.)	11-69-092
69-6	Bayburt	Merkez	Çayryolu	
69-7	Bayburt	Merkez	Potadı (S.L.)	11-69-103
69-8	Bayburt	Merkez	Gözelce, Güllüce (S.L.)	11-69-106
69-9	Bayburt	Merkez	Hamandızu (S.L.)	11-69-107
69-10	Bayburt	Merkez	Nişantaşı, Akşar (S.L.)	11-69-108
69-11	Bayburt	Demirdüzü	Çifttaş	
69-12	Bayburt	Demirdüzü	Ödükbesi (L.)	11-69-110
28-1	Giresun	Çamoluk	Gücer (S.L.)	11-28-112

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28-2	Giresun	Akora	Boyluca (S.L.)	11-28-113
28-3	Giresun	Çamoluk	Kaledere	11-28-114
29-1	Gümüşhane	Merkez	Kocayokuş (L.)	11-29-158
29-2	Gümüşhane	Tanul	Küçükpınar (L.)	11-29-178
29-3	Gümüşhane	Tonul	Uğurtası (L.)	11-29-180
29-4	Gümüşhane	Kelkit	Belenli (L.)	11-29-192
29-5	Gümüşhane	Kelkit	Akdağ	TRABZON 11-29-195
29-6	Gümüşhane	Kürtün	Kuşluk (L.)	11-29-203
29-7	Gümüşhane	Şiran	Paşapınarı (L.)	11-29-208
29-8	Gümüşhane	Köse	Yuvacık (S.L.)	11-29-210
29-9	Gümüşhane	Kelkit	Gerdekhisar (S.L.)	11-29-211
29-10	Gümüşhane	Kürtün	Çayra	
05-1	Amasya	Merkez	Saraycık (S.L.)	SAMSUN 12-05-009
05-2	Amasya	Merkez	Abayrak (S.L.)	12-05-010
05-3	Amasya	Göynücek	Şihlar (S.L.)	12-05-011
05-4	Amasya	Taşova	Esençay (S.L.)	12-05-012
05-5	Amasya	Taşova	Kumluca (S.L.)	12-05-013
05-6	Amasya	Taşova	Güngörmüş (S.L.)	12-05-014
05-7	Amasya	Taşova	Dutluk (S.L.)	12-05-015
05-8	Amasya	Merzifon	Çaybaşı (S.L.)	12-05-016
05-9	Amasya	Göynücek	Yassıkışla (S.L.)	12-05-017
05-10	Amasya	Taşova	Gölbeyli (S.L.)	12-05-018
05-11	Amasya	Taşova	Çaydibi (S.L.)	12-05-019
19-1	Çorum	Alaca	Bağcıkhisar (S.L.)	12-19-020
19-2	Çorum	Alaca	Dönderesi (L.)	12-19-021
19-3	Çorum	Alaca	Erci (S.L.)	12-19-022
19-4	Çorum	Alaca	Höyük (L.)	12-19-026
19-5	Çorum	Mecidiözü	Figani (S.L.)	12-19-028
19-6	Çorum	Mecidiözü	Bayındır (S.L.)	12-19-029
19-7	Çorum	İskilip	Karışık (L.)	12-19-031
19-8	Çorum	Merkez	Dereköy (S.L.)	12-19-032
19-9	Çorum	Sungurlu	Çiftlik (S.L.)	12-19-034
19-10	Çorum	Merkez	Şanlısınan (L.)	12-19-035
19-11	Çorum	Mecidiözü	Katecik (L.)	12-19-040
19-12	Çorum	İskilip	Çetmi (L.)	12-19-043
19-13	Çorum	Mecidiözü	Köseçay (L.)	12-19-050
19-14	Çorum	Sungurlu	Akdere (S.L.)	12-19-051
19-15	Çorum	Merkez	Çukurdören (L.)	12-19-054
19-16	Çorum	Osmancık	Ardıç (S.L.)	12-19-055
19-17	Çorum	Merkez	Hacıbey (S.L.)	12-19-058
19-18	Çorum	Mecidiözü	Akpınar (L.)	12-19-059
19-19	Çorum	Bayat	Çayköy (L.)	12-19-063
37-1	Kastamonu	Merkez	Kayalı (S.L.)	KASTAMONU 13-37-002
37-2	Kastamonu	Merkez	Duruçay	
37-3	Kastamonu	Merkez	Demirci (L.)	13-37-003
37-4	Kastamonu	Merkez	Kuşkara (S.L.)	13-37-004
37-5	Kastamonu	Merkez	Bük (L.)	13-37-006
37-6	Kastamonu	Araç	Serdar (L.)	13-37-007
37-7	Kastamonu	Taşköprü	Çördük (L.)	13-37-013
37-8	Kastamonu	Taşköprü	İncesu (S.L.)	13-37-014
37-9	Kastamonu	Handıra	Akdeğirmen (L.)	13-37-019
37-10	Kastamonu	Tosya	Aşağı Perçin	
37-11	Kastamonu	Taşköprü	Aşağı Çit	
57-1	Sinop	Boyabat	Boyalı (S.L.)	13-57-038
57-2	Sinop	Boyabat	Eğlence (S.L.)	13-57-039
57-3	Sinop	Boyabat	Çarşak (S.L.)	13-57-059
57-4	Sinop	Boyabat	Karacören (L.)	13-57-060
57-5	Sinop	Durağan	Yalnızkavak (L.)	13-57-085
78-1	Karabük	Merkez	Bulak (S.L.)	13-78-105
78-2	Karabük	Eskipazar	Yazıkavak (L.)	13-78-113
78-3	Karabük	Safranbolu	Değirmencik (S.L.)	13-78-125
74-1	Bartın	Merkez	Dafca (S.L.)	13-74-142
26-1	Eskişehir	Alpu	Özdenk (S.L.)	ESKİŞEHİR 14-26-008
26-2	Eskişehir	Sivrihisar	Okçu (S.L.)	14-26-010
26-3	Eskişehir	Alpu	Yaylır (S.L.)	14-26-011
26-4	Eskişehir	Alpu	Aktepe (S.L.)	14-26-012
03-1	Afyon	Bayat	Akpınar (S.L.)	14-03-027
03-2	Afyon	Emirdağ	Kunucaköy (S.L.)	14-03-028
03-3	Afyon	İhsaniye	Muradlar (S.L.)	14-03-030
64-1	Uşak	Merkez	Sorkun (S.L.)	14-64-045
64-2	Uşak	Merkez	Bölme (S.L.)	14-64-046
64-3	Uşak	Banaz	Kuşdemir (S.L.)	14-64-048
07-1	Antalya	Merkez	Koranlık (S.L.)	ANTALYA 15-07-001
07-2	Antalya	Merkez	Çakırtar (S.L.)	15-07-002
07-3	Antalya	Alanya	Soğukpınar (S.L.)	15-07-007
07-4	Antalya	Alanya	İmamlı (S.L.)	15-07-008
07-5	Antalya	Etlali	Çukurelma (S.L.)	15-07-016

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07-6	Antalya	Elmalı	İslemiar (S.L.)	15-07-018
07-7	Antalya	Korkutek	Kayabaşı (S.L.)	15-07-035
15-1	Burdur	Karamanlı	Kağıncık (S.L.)	15-15-054
15-2	Burdur	Tefenni	Yuvalak (S.L.)	15-15-055
15-3	Burdur	Merkez	İlyas (S.L.)	15-15-067
35-1	İzmir	Torbali	Tulum (S.L.)	İZMİR 16-35-001
35-2	İzmir	Bergama	Aziziye (S.L.)	16-35-002
35-3	İzmir	Menderes	Ođlananası (S.L.)	16-35-004
35-4	İzmir	Ödemiş	Konaklı	
35-5	İzmir	Bergama	Ahmetbeyler (S.L.)	16-35-005
35-6	İzmir	Torbali	Aslanlar (S.L.)	16-35-007
09-1	Aydın	Kuyucak	Çamdibi (S.L.)	16-09-008
09-2	Aydın	Karacasu	Ataköy (S.L.)	16-09-009
09-3	Aydın	Karacasu	Işıklar (S.L.)	16-09-010
09-4	Aydın	Buharkent	Kızıdere (S.L.)	16-09-011
09-5	Aydın	Buharkent	Savcıh (S.L.)	16-09-012
20-1	Denizli	Acapayam	Yeşilyuva (S.L.)	16-20-014
20-2	Denizli	Sozokurt	Cumali (S.L.)	16-20-015
45-1	Manisa	Sarıgözü	Çavuşlar (S.L.)	16-45-023
48-1	Muğla	Kavaklıdere	Çalrak (S.L.)	16-48-028
48-2	Muğla	Dalaman	Bozbel	
48-3	Muğla	Fethiye	Esenköy (S.L.)	16-48-029
48-4	Muğla	Yatağan	Bozhöyük (S.L.)	16-48-032
48-5	Muğla	Ula	Sarayyanı (S.L.)	16-48-033
48-6	Muğla	Fethiye	Ören (S.L.)	16-48-034
48-7	Muğla	Fethiye	Dereköy (L.)	16-48-057
48-8	Muğla	Fethiye	Geşibumu	
48-9	Muğla	Fethiye	Çenger (L.)	16-48-027
48-10	Muğla	Fethiye	Yakaköy (L.)	16-48-059
48-11	Muğla	Fethiye	Afidere	
48-12	Muğla	Merkez	Alçı	
48-13	Muğla	Merkez	Avcılar	
48-14	Muğla	Merkez	Fadıh	
48-15	Muğla	Dalaman	Çöğmen (L.)	16-48-060
48-16	Muğla	Dalaman	Elcik, Taşdibi	
48-17	Muğla	Köyceğiz	Yaylaköy (L.)	16-48-061
48-18	Muğla	Köyceğiz	Beyobası-Çayhisar	
48-19	Muğla	Ula	Gölağı (S.L.)	16-48-027
48-20	Muğla	Merkez	Taşlı (L.)	16-48-063
48-21	Muğla	Fethiye	Gökgeovack	
48-22	Muğla	Dalaman	Taşbaşı	
48-23	Muğla	Ula	Kıyra (Oylu) (L.)	16-48-058
48-24	Muğla	Yatağan	Kökük	
48-25	Muğla	Köyceğiz	Sazak	16-48-064
48-26	Muğla	Fethiye	Söğütü	
16-1	Bursa	Karacabey	Akçakoyun (S.L.)	BURSA 17-16-002
16-2	Bursa	Yenişehir	Demirboğa (S.L.)	17-16-003
16-3	Bursa	Orhaneş	Erenler-Nahinlar (S.L.)	17-16-004
16-4	Bursa	Karacabey	Anız-Dođla	
16-5	Bursa	İnegöl	Kayapınar	
16-6	Bursa	İznik	Aydınlar (S.L.)	17-16-005
10-1	Balıkesir	Erdek	Y.Yapıcı (S.L.)	17-10-006
10-2	Balıkesir	Burhanıye	Çoruh (S.L.)	17-10-008
17-1	Çanakkale	Yenice	Örencik	
17-2	Çanakkale	Geibolu	Kocapeşme	
22-1	Edirne	Havsa	Kabaadağ	İSTANBUL
22-2	Edirne	Merkez	Tayakadin	
22-3	Edirne	Merkez	Höyükütatar	
22-4	Edirne	Merkez	Umurca	
22-5	Edirne	Merkez	Karakasım	
22-6	Edirne	Havsa	Kuzucu	
22-7	Edirne	Uzunköprü	Asthan	
39-1	Kırklareli	Lülieburgaz	Kügükkanşoran (S.L.)	18-39-016
39-2	Kırklareli	Lülieburgaz	Akçaköy (S.L.)	18-39-017
39-3	Kırklareli	Lülieburgaz	Ayvah (S.L.)	18-39-018

TABLE-B.4 Summary of Village

	Province	Sample	Total Population	Total Household	Total Farm Household	Population of Village	Family size	Except for Agricultural	Population non-agric	Basic Agricultural
11	6 ANKARA	14	5,353	1,057	1,014	383	5	43	4.1%	95.9%
11	14 SÖĞÜT	2	664	160	160	332	4	0	0.0%	100.0%
11	18 ÇANKIRI	5	6,044	821	676	672	7	145	17.7%	82.3%
11	39 KIRSEHIR	5	12,094	1,349	777	2,419	9	572	42.4%	57.6%
11	16 BURSA	6	2,718	590	485	453	5	105	17.5%	82.2%
11	77 YALOVA	0	0	0	0	0	0	0	0	0
11	34 İSTANBUL	0	0	0	0	0	0	0	0	0
11	22 EDİRNE	7	5,557	1,270	1,240	937	5	30	2.4%	97.6%
11	39 KIRKLARELİ	3	2,452	518	518	817	5	0	0.0%	100.0%
11	41 KOCAELİ	0	0	0	0	0	0	0	0	0
11	54 SAKARYA	0	0	0	0	0	0	0	0	0
11	59 TEKİRDAĞ	0	0	0	0	0	0	0	0	0
		45	35,890	5,765	4,870	780	6	895	15.5%	84.5%
12	15 BURDUR	3	2,800	840	803	933	3	37	4.4%	95.6%
12	32 İSPARTA	0	0	0	0	0	0	0	0	0
12	35 İZMİR	6	3,570	1,811	1,761	1,428	5	50	2.8%	97.2%
12	9 AYDIN	5	3,520	1,210	1,150	1,124	5	60	5.0%	95.0%
12	20 DENİZLİ	2	3,100	1,800	1,200	4,050	5	600	33.3%	66.7%
12	45 MANİSA	1	1,100	350	350	1,100	3	0	0.0%	100.0%
12	48 MUĞLA	25	32,257	5,116	5,565	1,164	5	550	9.0%	91.0%
12	10 BALIKESİR	2	2,200	600	600	1,100	4	0	0.0%	100.0%
12	17 ÇANAKKALE	2	949	250	250	425	3	10	3.8%	96.2%
		47	59,506	12,987	11,680	1,266	5	1,307	10.1%	89.9%
13	1 ADANA	11	11,684	2,236	1,955	1,062	5	280	12.5%	87.5%
13	33 İÇEL	4	7,352	1,530	1,530	1,838	5	0	0.0%	100.0%
13	31 HATAY	5	15,410	3,777	3,750	3,282	4	27	0.7%	99.3%
13	7 ANTALYA	7	8,995	1,955	1,842	1,285	5	113	5.8%	94.2%
		27	44,442	9,498	9,078	1,646	5	420	4.4%	95.6%
20	61 TRABZON	0	0	0	0	0	0	0	0	0
20	8 ARTVIN	15	7,976	1,908	1,805	525	4	103	5.4%	94.6%
20	69 SAMSUN	11	2,793	474	474	254	6	0	0.0%	100.0%
20	28 GİRNE	3	1,650	342	342	550	5	0	0.0%	100.0%
20	29 GÜMÜŞHANE	11	5,850	652	662	532	9	20	2.9%	97.1%
20	53 RİZE	0	0	0	0	0	0	0	0	0
20	55 SAMSUN	0	0	0	0	0	0	0	0	0
20	52 ORDU	0	0	0	0	0	0	0	0	0
20	37 KASTAMONU	11	3,415	552	557	311	6	5	0.9%	99.1%
20	67 ZONGULDAK	0	0	0	0	0	0	0	0	0
20	57 SİNOP	5	1,452	250	250	290	6	0	0.0%	100.0%
20	78 KARABÜK	3	2,385	522	522	795	5	0	0.0%	100.0%
20	74 BARTIN	1	330	95	95	330	3	0	0.0%	100.0%
		69	25,752	4,835	4,707	429	5	128	2.6%	97.4%
31	40 KİRSEHIR	1	500	70	70	500	7	0	0.0%	100.0%
31	66 YOZGAT	0	0	0	0	0	0	0	0	0
31	19 ÇORUM	19	10,459	1,711	1,566	551	6	145	8.5%	91.5%
31	26 EKİŞEHİR	4	1,541	389	389	385	4	0	0.0%	100.0%
31	43 KUTAHYA	0	0	0	0	0	0	0	0	0
31	64 USAK	3	2,160	400	185	720	5	215	53.8%	46.3%
31	11 BİLEÇİK	0	0	0	0	0	0	0	0	0
		27	14,669	2,570	2,210	543	6	350	14.0%	86.0%
32	42 KONYA	27	41,680	9,312	7,902	1,544	4	1,410	15.1%	84.9%
32	68 AKSARAY	15	13,023	2,220	1,743	814	6	477	21.5%	78.5%
32	70 KARAMAN	8	7,017	1,225	1,195	877	6	30	2.4%	97.6%
32	51 NGÖE	12	18,353	3,494	3,097	1,530	5	397	11.4%	88.6%
32	38 KAYSERİ	6	4,205	877	727	701	5	150	17.1%	82.9%
32	50 NEVŞEHİR	4	5,936	1,036	1,036	1,484	6	0	0.0%	100.0%
32	3 AFYON	3	650	176	172	317	5	4	2.3%	97.7%
		75	91,174	18,340	15,872	1,200	5	2,458	13.5%	86.5%
33	58 SİVAS	9	10,787	1,312	1,312	1,199	8	0	0.0%	100.0%
33	60 TOKAT	2	7,150	1,135	1,035	3,575	6	100	8.8%	91.2%
33	5 AMASYA	11	19,101	2,150	2,045	918	5	145	6.6%	93.4%
		22	28,038	4,537	4,392	1,274	6	245	5.3%	94.7%
	TOTAL	205	259,471	58,532	52,509	982	5	5,823	9.9%	90.1%

Table-B.5 Family Structure

	Hacılar	Urulu	Kalesekist	Camlibel	Kozluk	Kuskara	Ozdenk	Aslanlar	Ilyakoy	K.Karistran
Sample	9	10	10	10	15	6	10	9	10	9
House hold	9	9	10	10	15	6	10	9	10	9
No. of Family members	35	67	40	78	98	38	56	29	56	50
Mean Family members	3.8	6.7	4.0	7.8	6.5	6.3	5.6	3.2	5.6	5.5



Village Name : Hacilar

No. of samples	No. of Household	Population			Age	
		M	F	Total	<14	14<
9	9	16	19	35	2	33

Education Status

Classification	0	1	2	3	4	5	6	7	8
Attending	2	0	0	0	0	1	0	0	0

- 0 = Childhood
- 1 = Primary school
- 2 = Drop out primary school
- 3 = Secondary school
- 4 = Drop out secondary school
- 5 = High school
- 6 = Regional boarding school
- 7 = Vocational and technical training school
- 8 = Others

Classification	9	10	11	12	13	14	15		
Completed	2	18	3	9	0	0	0		

- 9 = Never student at school
- 10 = Primary school
- 11 = Secondary school
- 12 = High school
- 13 = Regional boarding school
- 14 = Vocational and technical training school
- 15 = Others

	Person
Literacy 1=Cannot read and write letter	3
2=Can read and write letter	32

Farm Labor Status

1=Full-time farm worker	11
2=Part-Time farm worker	17
3=None	7

Other works

1=Farm workers outside his/her farm	8
2=Construction	0
3=Industry	2
4=Merchant	0
5=Fishermen	0
6=Housekeeping	9
7=Student	7
8=Others	4

Village Name: Hacýlar

111

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				School	Completed			
1		1 M	37		12	2	1	1
2		2 F	34		10	2	2	6
3		4 F	72		9	1	3	6
4		3 M	16	5		2	3	7
5								
6								
7								
8								
9								
10								

112

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				School	Completed			
1		1 M	39		12	2	2	8
2		2 F	33		10	2	2	6
3		3 M	15		11	2	3	7
4								
5								
6								
7								
8								
9								
10								

113

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				School	Completed			
1		1 M	32		10	2	1	1
2		2 F	32		10	2	1	6
3		4 M	65		10	2	2	6
4		4 F	65		10	2	3	6
5		4 F	24		10	2	1	1
6								
7								
8								
9								
10								

114

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				School	Completed			
1		1 M	43		10	2	2	1
2		2 F	43		10	2	1	1
3		4 M	76		9	2	3	
4		3 M	24		12	2	2	3
5		3 F	24		10	2	1	6
6								
7								
8								
9								
10								

115

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				School	Completed			
1		1 M	38		12	2	2	8
2		2 F	38		10	2	1	1
3		4 M	75		10	2	3	
4		3 F	16		12	2	2	1
5								
6								
7								
8								
9								
10								

116

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				School	Attending Completed			
1		1 M	37		11	2	2	8
2		2 F	37		10	2	2	6
3		3 F	18		12	2	2	7
4								
5								
6								
7								
8								
9								
10								

117

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				School	Attending Completed			
1		1 M	40		12	2	2	
2		2 F	35		12	2	2	6
3		3 F	12		10	2	2	7
4		3 M	16		12	2	2	7
5								
6								
7								
8								
9								
10								

118

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				School	Attending Completed			
1		1 M	35		11	2	1	1
2		2 F	33		10	2	1	1
3		3 F	12		10	2	2	7
4								
5								
6								
7								
8								
9								
10								

119

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				School	Attending Completed			
1		1 M	30		11	2	1	1
2		2 F	25		10	2	1	6
3		3 F	6				2	7
4		3 F	4				3	3
5								
6								
7								
8								
9								
10								

Village Name : Urumiu

No. of samples	No. of Household	Population			Age	
		M	F	Total	<14	14<
10	10	25	42	67	14	53

Education Status

n	0	1	2	3	4	5	6	7	8
Attending	5	6	0	0	0	1	0	0	0

- 0= Childhood
- 1= Primary school
- 2= Drop out primary school
- 3= Secondary school
- 4= Drop out secondary school

- 5= High school
- 6= Regional boarding school
- 7= Vocational and technical training school
- 8= Others

Calification	9	10	11	12	13	14	15
Completed	6	43	2	3	0	0	0

- 9= Never student at school
- 10= Primary school
- 11= Secondary school
- 12= High school
- 13= Regional boarding school

- 14= Vocational and technical training school
- 15= Others

Literacy

	Person
1= Cannot read and write letter	8
2= Can read and write letter	59

Farm Labor Status

1= Full-time farm worker	28
2= Part-Time farm worker	10
3= None	16

Other works

1= Farm workers outside his/her farm	32
2= Construction	0
3= Industry	2
4= Merchant	0
5= Fishermen	0
6= Housekeeping	13
7= Student	6
8= Others	1

Village Name: Ürünl

21

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	37		10	2	2	8
2		2 F	37		10	2	3	6
3		4 M	73		10	2	3	
4		4 F	69		9	1	3	
5		3 M	18		10	2	2	1
6		3 M	16		10	2	1	1
7		3 F	15		10	2	2	1
8		3 F	13		10	2	3	1
9		3 M	9	1		2		7
10		3 F	6					

22

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	33		10	2	1	1
2		2 F	28		10	2	1	6
3		4 F	68		10	2	3	
4		4 M	69		10	2	3	
5		3 F	9	1		2		7
6		3 F	4	1		2		7
7								
8								
9								
10								

23

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	62			2	1	1
2		2 F	62			1	1	6
3		3 M	25		5	2	1	3
4		4 F	20		10		2	1
5								
6								
7								
8								
9								
10								

24

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	42		10	2	1	1
2		2 F	42		9	1	1	6
3		3 M	19		12	2	1	1
4		3 M	17		10	2	1	1
5		3 F	14		10	2	1	1
6		3 F	12		10	2	1	1
7		3 F	22		10	2	1	6
8								
9								
10								

25

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	39		10	2	1	1
2		2 F	38		10	2	1	1
3		4 F	70		9	1	3	
4		3 M	18		12	2	1	7
5		3 F	15		10	2	1	6
6		3 F	13		10	2	1	1
7		3 F	9	1		2		7
8								
9								
10								

216

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	45		11	2	1	1
2		2 F	42		9	1	2	1
3		3 F	23		10	2	2	6
4		3 F	21		11	2	2	1
5		3 F	19		10	2	2	1
6		3 F	9	1		2		
7		3 M	8	1		2		
8								
9								
10								

217

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	33		10	2	1	1
2		2 F	24		10	2	2	6
3		4 M	63		10	2	2	1
4		4 F	57		10	2	2	1
5		5 F	18		10	2	2	6
6		3 F	6					
7		3 F	2					
8								
9								
10								

218

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	22		10	2	1	1
2		2 F	22		10	2	1	6
3		3 M	5	0				
4		3 M	3	0				
5								
6								
7								
8								
9								
10								

219

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	42		10	1	1	1
2		2 F	37		10	1	1	1
3		4 F	87		9	2	3	
4		3 F	21		10	2	2	6
5		3 M	18		12	2	1	1
6		3 F	15	5		2	2	1
7		3 F	10		10	2	3	7
8								
9								
10								

210

Family Members	Family Status	Sex	Age	Education Status		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	60		10	2	1	1
2		2 F	60		9	1	2	6
3		3 F	33		10	2	1	1
4		3 F	29		10	2	1	1
5		3 F	27		10	2	1	1
6		3 F	22		10	2	1	1
7		3 M	20		10	2	3	3
8		3 F	17		10	2	1	6
9								
10								

Village Name : Kalesekisi

No. of samples	No. of Household	Population			Age	
		M	F	Total	<14	14<
10	10	20	20	40	4	36

Education Status

n	0	1	2	3	4	5	6	7	8
Attending	1	2	0	0	0	1	0	0	0

- 0= Childhood
- 1= Primary school
- 2= Drop out primary school
- 3= Secondary school
- 4= Drop out secondary school

- 5= High school
- 6= Regional boarding school
- 7= Vocational and technical training school
- 8= Others

Calification	9	10	11	12	13	14	15
Completed	3	16	4	7	3	3	0

- 9= Never student at school
- 10= Primary school
- 11= Secondary school
- 12= High school
- 13= Regional boarding school

- 14= Vocational and technical training school
- 15= Others

	Person
1= Cannot read and write letter	3
2= Can read and write letter	47

Farm Labor Status

1= Full-time farm worker	8
2= Part-Time farm worker	13
3= None	17

Other works

1= Farm workers outside his/her farm	9
2= Construction	0
3= Industry	0
4= Merchant	4
5= Fishermen	0
6= Housekeeping	14
7= Student	1
8= Others	6

Village Name: Kalesekisi

3/1

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	45		10	2	2	4
2	2	F	35		10	2	2	4
3	3	M	15		11	2	3	6
4								
5								
6								
7								
8								
9								
10								

3/2

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	75		9	1	1	1
2	2	F	53		9	2	1	6
3	3	M	30		11	2	2	1
4	3	F	27		12	2	3	3
5	3	M	7	1		2	3	3
6								
7								
8								
9								
10								

3/3

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	80		10	2	2	4
2	2	F	72		10	2	2	6
3	3	F	48		14	2	3	4
4	3	M	45		14	2	3	1
5	3	M	41		13	2	3	8
6	3	F	39		12	2	3	6
7								
8								
9								
10								

3/4

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	55		11	2	1	1
2	2	F	48		10	2	2	6
3	3	F	29		12	2	3	6
4	3	M	15		10	2	2	1
5								
6								
7								
8								
9								
10								

3/5

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	72		10	2	2	4
2	2	F	64		9	1	3	6
3	3	M	25		10	2	3	8
4	3	F	22		10	2	3	6
5								
6								
7								
8								
9								
10								



36

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	68		10	2	2	1
2		2 F	53		10	2	1	6
3		3 M	35		12	2	3	1
4		3 F	30		12	2	3	8
5		3 F	2	0				
6								
7								
8								
9								
10								

37

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	75		13	2	1	1
2		2 F	68		10	2	1	6
3		3 F	48		13	2	3	8
4		3 M	40		12	2	3	8
5		3 F	14		10	2	2	6
6								
7								
8								
9								
10								

38

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	67		10	2	2	8
2		2 F	59		10	2	3	6
3		3						
4		3						
5								
6								
7								
8								
9								
10								

39

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	54		12	2	1	8
2		2 F	50		10	2	1	6
3		3 M	27		14	2	3	8
4								
5								
6								
7								
8								
9								
10								

310

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	38		13	2	2	1
2		2 F	33		11	2	2	6
3		3 F	9	1		2		7
4								
5								
6								
7								
8								
9								
10								

Village Name : Camlibel

No. of samples	No. of Household	Population			Age	
		M	F	Total	<14	14 <
10	10	36	42	78	8	70

Education Status

Classification	0	1	2	3	4	5	6	7	8
Attending	1	5	4	0	1	1	0	0	0

- |                               |                                              |
|-------------------------------|----------------------------------------------|
| 0 = Childhood                 | 5 = High school                              |
| 1 = Primary school            | 6 = Regional boarding school                 |
| 2 = Drop out primary school   | 7 = Vocational and technical training school |
| 3 = Secondary school          | 8 = Others                                   |
| 4 = Drop out secondary school |                                              |

Classification	9	10	11	12	13	14	15		
Completed	14	29	7	3	0	0	0		

- |                               |                                               |
|-------------------------------|-----------------------------------------------|
| 9 = Never student at school   | 14 = Vocational and technical training school |
| 10 = Primary school           | 15 = Others                                   |
| 11 = Secondary school         |                                               |
| 12 = High school              |                                               |
| 13 = Regional boarding school |                                               |

	Person
Literacy 1= Cannot read and write letter	8
2= Can read and write letter	70

Farm Labor Status

1= Full-time farm worker	25
2= Part-Time farm worker	33
3= None	7

Other works

1= Farm workers outside his/her farm	35
2= Construction	0
3= Industry	1
4= Merchant	1
5= Fishermen	0
6= Housekeeping	16
7= Student	9
8= Others	4

Village Name: Kervansaray

4/1

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	70		9	2	1	1
2	2	F	56		9	2	1	1
3	3	M	35		13	2	2	8
4	3	F	25		10	2	2	6
5	3	F	22		11	2	1	6
6								
7								
8								
9								
10								

4/2

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	F	47		10	2	2	1
2	2	F	19		10	2	2	6
3	3	M	21		11	2	2	1
4	3	F	18		10	2	2	1
5								
6								
7								
8								
9								
10								

4/3

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	55		10	2	1	1
2	2	F	50		9	1	1	6
3	3	M	22		12	2	3	8
4	3	F	23		10	2	1	6
5	3	M	17		10	2	1	1
6	3	M	13	5		2	2	7
7								
8								
9								
10								

4/4

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	60		9	1	1	1
2	2	F	58		9	1	1	6
3	3	F	30		2	2	3	1
4	3	F	28		2	2	2	1
5	3	F	26		2	2	2	1
6	3	F	24		2	2	2	1
7	3	M	22		11	2	1	1
8	3	M	20		12	2	1	1
9								
10								

4/5

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	2	F	60		9	1	2	6
2	3	M	40		10	2	1	1
3	3	M	25		10	2	2	8
4	3	F	43		10	2	2	1
5	3	F	35		10	2	2	1
6								
7								
8								
9								
10								

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works	
				Attending	Completed				
1	1	M	73			9	1	2	
2	2	F	68			9	2	2	6
3	3	M	47			10	2	2	1
4	3	F	46			10	2	2	6
5	3	M	43			10	2	3	2
6	3	M	33			10	2	2	1
7	3	F	31			10	2	2	6
8	3	M	29			12	2		8
9	3	M	30			11	2	2	1
10	3	F	28			10	2	2	6

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works	
				Attending	Completed				
1	1	M	48			10	2	1	
2	2	F	48			10	2	1	
3	3	M	30			11	2		3
4	3	F	32			11	2		6
5	3	M	7	1			2		7
6	3	M	6	1			2		7
7	3	M	28			11	2	1	
8	3	M	21			10	2	1	
9	3	F	30						
10	3	F	15	5			2	2	7
11	3	F	23			10	2		6

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works	
				Attending	Completed				
1	1	M	48			10	2	2	4
2	2	F	49			10	1	2	1
3	4	M	55			9	3	2	1
4	3	M	30			4	2	1	1
5	2	F	30			10	2	1	6
6	3	M	11	1			2		7
7	3	F	8	1			2		7
8	3	F	5	0					
9	3	M	24			10	2	1	1
10	3	F	18				2	1	6
11	3	F	22				2	2	1
12	3	F	20				2	1	1
13	3	F	17				2	1	1

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works	
				Attending	Completed				
1	1	M	39			10	1	2	1
2	2	F	34			10	2	2	6
3	3	M				9	2	2	1
4	3	M				9	2	2	6
5	3	F	19			10		2	1
6	3	F	16			10		2	1
7									
8									
9									
10									

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works	
				Attending	Completed				
1	1	M	63			9	2	1	
2	2	F	58			9	2	1	6
3	3	M	18			9	2	2	2
4	3	M	12	1			2	2	7
5	3	M	9	1			2		7
6	3	F	39			9	1	1	1
7	3	F	20			10	2	1	1
8	3	F	18			10	2	1	1
9	3	F	38			10	2	3	1
10	3	F	25			10	2	3	1

Village Name : Kozluk

No. of samples	No. of Household	Population			Age	
		M	F	Total	<14	14<
15	15	50	48	98	17	81

Education Status

Classification	0	1	2	3	4	5	6	7	8
Attending	0	8	1	3	1	1	0	0	0

0 = Childhood

1 = Primary school

2 = Drop out primary school

3 = Secondary school

4 = Drop out secondary school

5 = High school

6 = Regional boarding school

7 = Vocational and technical training school

8 = Others

Classification	9	10	11	12	13	14	15		
Completed	9	47	5	8	0	0	0		

9 = Never student at school

10 = Primary school

11 = Secondary school

12 = High school

13 = Regional boarding school

14 = Vocational and technical training school

15 = Others

Literacy

	Person
1=Cannot read and write letter	9
2=Can read and write letter	89

Farm Labor Status

1=Full-time farm worker	35
2=Part-Time farm worker	18
3=None	22

Other works

1=Farm workers outside his/her farm	35
2=Construction	0
3=Industry	3
4=Merchant	0
5=Fishermen	0
6=Housekeeping	21
7=Student	15
8=Others	4

Village Name: Akçay

51

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	34		12	2	1	1
2		2 F	29		10	2	2	6
3		3 M	9	1		2		7
4		3 F	8	1		2		7
5		4 F	65	4		2	2	1
6		4 M	65		9	1	2	1
7		5 M	37		12	2	2	4
8		5 F	34		10	2	2	6
9								
10								

52

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		2 F	56		9	2	1	1
2		3 M	34		10	2	1	3
3		3 M	30		10	2	1	13
4		3 F	25		10	2	1	6
5		3 F	27		10	2	1	1
6		3 F	16		10	2	1	3
7		3 F	20		10	2	1	3
8		3 M	25		13	2	1	8
9								
10								

53

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	42		10	2	1	1
2		2 F	33		10	2	1	1
3		3 F	16		10	2	3	6
4		3 F	15		10	2	3	6
5		3 M	12		10	2	3	7
6								
7								
8								
9								
10								

54

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	51		9	2	2	1
2		2 F	46		10	2	1	6
3		3 M	26		10	2	2	5
4		3 M	14		11	2	3	7
5		3 M	11		10	2	3	7
6		3 F	10		10	2	3	7
7		4 F	22		10	2	2	6
8		3 M	24	2		1		
9								
10								

55

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		2 F	42		9	1	1	6
2		3 F	20		13	2	3	7
3		3 F	17		12	2	3	7
4		3 M	11	1		2	3	7
5								
6								
7								
8								
9								
10								

Village Name: Dumantepe

5/6

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	41		10	2	3	8
2		2 F	39		10	2	2	6
3		3 M	20		12	2	2	7
4		3 F	16		12	2		7
5								
6								
7								
8								
9								
10								

5/7

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		2 F	47		9	1	1	6
2		3 M	13	3		2		7
3		3 F	16	5		2		7
4		3 M	48		10	2	1	1
5		1 F	48		9	1	1	1
6		2 M	25		11	2	1	1
7		3 M	24		11	2	2	1
8		3 F	21		10	2	1	1
9		3 F	17	5		2		7
10		3 M	10	1		2		7

5/8

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	60		10	2	1	1
2		2 F	60		10	2	1	6
3		3 M	35		12	2	2	8
4		3 M	25		11	2	1	1
5		3 F	37		10	2	1	1
6		3 F	30		10	2	1	1
7		3 F	28		10	2	1	1
8								
9								
10								

5/9

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		2 F	55		9	1	2	6
2		3 M	18		10	2	3	
3		3 M	35		10	2	1	1
4		3 M	25		10	2	1	1
5		3 M	30		10	2	1	1
6		3 M	21		10	2	2	8
7								
8								
9								
10								

5/10

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	47		10	2	2	1
2		2 F	43		10	2	2	6
3		4 F	85		9	1	2	1
4		3 M	27		10	2	1	1
5		3 M	26		4	2	1	4
6		3 F	24		2	2	1	6
7		3 M	21		12	2	1	1
8								
9								
10								

5/11

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	45		11	2	3	8
2	2	F	47		10	2	3	1
3	3	F	25		11	2		6
4	3	M	23		4	2		3
5	3	F	20		10	2		6
6	3	M	17		12	2	2	7
7	3	F	12	3		2		7
8	3	F	10	1		2		7
9	3	M	7	1		2		7
10								

5/12

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	38		13	2		8
2	2	F	33		10	2		6
3	3	M	11	3		2		7
4	3	M	8	1		2		7
5								
6								
7								
8								
9								
10								



Village Name: Kozluk

5/13

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	42		10	2	1	1
2	2	F	33		10	2	1	1
3	3	F	16		10	2	3	6
4	3	F	15		10	2	3	6
5	3	M	12		10	2	3	7
6	3	M						
7								
8								
9								
10								

5/14

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	51		9	2	2	1
2	2	F	46		2	2	1	6
3	3	M	26		10	2	2	5
4	3	M	14		11	2	3	7
5	3	M	11		10	2	3	7
6	3	F	10		10	2	3	7
7	4	F	22		10	2	2	6
8	3	M	24		2	1		
9								
10								

5/15

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	2	F	42		9	1	1	6
2	3	F	20		13	2	3	7
3	3	F	17		12	2	3	7
4	3	M	11	1		2	3	7
5								
6								
7								
8								
9								
10								

Village Name : Kuskeru

No. of samples	No. of Household	Population			Age	
		M	F	Total	<14	14<
6	6	16	22	38	8	30

Education Status

Classification	0	1	2	3	4	5	6	7	8
Attending	1	5	1	1	0	0	0	0	0

- |                              |                                             |
|------------------------------|---------------------------------------------|
| 0 =Childhood                 | 5 =High school                              |
| 1 =Primary school            | 6 =Regional boarding school                 |
| 2 =Drop out primary school   | 7 =Vocational and technical training school |
| 3 =Secondary school          | 8 =Others                                   |
| 4 =Drop out secondary school |                                             |

Classification	9	10	11	12	13	14	15		
Completed	4	19	0	0	0	0	0		

- |                              |                                              |
|------------------------------|----------------------------------------------|
| 9 =Never student at school   | 14 =Vocational and technical training school |
| 10 =Primary school           | 15 =Others                                   |
| 11 =Secondary school         |                                              |
| 12 =High school              |                                              |
| 13 =Regional boarding school |                                              |

	Person
1=Cannot read and write letter	4
2=Can read and write letter	34

Farm Labor Status

1=Full-time farm worker	18
2=Part-Time farm worker	8
3=None	0

Other works

1=Farm workers outside his/her farm	20
2=Construction	0
3=Industry	1
4=Merchant	0
5=Fishermen	0
6=Housekeeping	6
7=Student	6
8=Others	4

Village Name: Kuskara

61

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	3	F	14	2		2	2	7
2	3	F	15		10	2	2	1
3	3	F	12		10	2	2	1
4	3	F	16		10	2	2	1
5	3	F	34		9	1	1	6
6	3	M	47		10	2	1	1
7								
8								
9								
10								

62

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	49		10	2	1	1
2	2	F	48		10	2	2	6
3	3	F	30		10	2	2	1
4	3	M	28		10	2	3	3
5	4	M	65		10	2	3	
6	5	F	63		10	1	3	
7	5	F	11	3		2	3	7
8	5	M	9	1		2	3	7
9	5	F	31		10	2	1	1
10								

63

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	50		10	2	1	1
2	2	F	60		9	1	1	6
3	3	M	30		10	2	1	1
4	3	F	33		10	2	1	1
5	5	M	55		10	2	1	1
6	5	M	33		10	2	1	1
7	5	F	55		10	2	1	1
8	5	F	35		10	2	1	1
9	5	M	14	3		2	1	7
10	5	F	15		10	2	1	1
11								

64

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	45		10	2	1	1
2	2	F	48		9	2	1	1
3								
4								
5								
6								
7								
8								
9								
10								

65

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	27			2	2	1
2	2	F	30			2	2	1
3	4	M	60			2	2	6
4	4	F	61			2	2	1
5	3	F	10	1				7
6	3	M	9	1				7
7								
8								
9								
10								

Family Members	Family Status	Sex	Age	Education Status School		Literacy/Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	36		10	2	1	1
2		2 F	25		10	2	1	1
3		3 M	6	0		1		
4		4 F	9	1		2		
5		4 F	70		9	1		
6								
7								
8								
9								
10								

Village Name : Ozdenk

No. of samples	No. of Household	Population			Age	
		M	F	Total	<14	14<
10	10	26	30	56	3	53

Education Status

Classification	0	1	2	3	4	5	6	7	8
Attending	0	4	0	0	1	1	0	0	0

- 0 =Childhood
- 1 =Primary school
- 2 =Drop out primary school
- 3 =Secondary school
- 4 =Drop out secondary school
- 5 =High school
- 6 =Regional boarding school
- 7 =Vocational and technical training school
- 8 =Others

Classification	9	10	11	12	13	14	15		
Completed	3	39	6	1	0	0	0		

- 9 =Never student at school
- 10 =Primary school
- 11 =Secondary school
- 12 =High school
- 13 =Regional boarding school
- 14 =Vocational and technical training school
- 15 =Others

	Person
1=Cannot read and write letter	3
2=Can read and write letter	53

Farm Labor Status

1=Full-time farm worker	25
2=Part-Time farm worker	24
3=None	5

Other works

1=Farm workers outside his/her farm	38
2=Construction	0
3=Industry	1
4=Merchant	0
5=Fishermen	0
6=Housekeeping	13
7=Student	1
8=Others	4

Village Name: Özdenk

71

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	62		10	2	1	1
2	2	F	61		10	2	2	6
3	3	M	26		10	2	1	1
4	3	F	19		10	2	2	1
5								
6								
7								
8								
9								
10								

72

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	49		9	1	2	8
2	2	F	39		10	2	1	6
3	3	M	18		10	2	1	1
4	3	M	17		10	2	1	1
5	3	M	14		11	2	1	7
6								
7								
8								
9								
10								

73

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	60		10	2	2	1
2	2	F	60		10	2	2	6
3	3	F	30		10	2	2	6
4	3	F	25		10	2	2	1
5	3	M	35		10	2	2	1
6								
7								
8								
9								
10								

74

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	53		10	2	1	1
2	2	F	42		10	2	1	6
3	3	M	26		11	2	2	8
4	4	F	25		11	2	2	1
5	3	F	19		12	2	2	1
6								
7								
8								
9								
10								

75

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	57		10	2	1	1
2	2	F	55		9	1	2	6
3	3	M	27		14	2	2	8
4	3	F	35		10	2	2	1
5	3	F	33		10	2	2	1
6	3	F	26		10	2	2	1
7								
8								
9								
10								

76

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	60		10	2	2	1
2		2 F	50		10	2	2	6
3		3 M	30	9		2	1	1
4		4 F	26		10	2	2	6
5		3 M	24	9		2	1	1
6		3 M	25		14	2	2	1
7		3 F	27		10	2	2	6
8								
9								
10								

77

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	54		10	2	1	1
2		2 F	53		10	2	1	6
3		3 M	24		11	2	1	1
4		3 F	30		11	2	3	1
5								
6								
7								
8								
9								
10								

78

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	61		10	2	2	1
2		2 F	54		10	2	3	6
3		3 M	35		10	2	1	1
4		7 F	29		10	2	1	1
5		3 F	13	8		2		1
6		3 F	11	1		2		1
7		3 M	4					
8								
9								
10								

79

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	65		10	2	1	1
2		2 F	45		9	1	1	6
3		3 M	33		10	2	1	1
4		2 F	24		10	2	1	1
5		3 M	29		10	2	1	1
6		2 F	24		10	2	1	1
7								
8								
9								
10								

710

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	55		10	2	1	1
2		2 F	53		10	2	1	6
3		3 F	35		10	2	3	1
4		3 F	28		10	2	2	1
5		3 F	26		11	2	2	1
6		3 F	31		10	2	3	1
7		3 M	25	4		2	3	3
8		3 F	15		10	2	1	1
9								
10								

Village Name :Aslanlar

No. of samples	No. of Household	Population			Age	
		M	F	Total	<14	14<
9	9	16	13	29	3	26

Education Status

Classification	0	1	2	3	4	5	6	7	8
Attending	0	1	4	0	3	0	0	0	0

0 = Childhood

1 = Primary school

2 = Drop out primary school

3 = Secondary school

4 = Drop out secondary school

5 = High school

6 = Regional boarding school

7 = Vocational and technical training school

8 = Others

Classification	9	10	11	12	13	14	15		
Completed	2	16	2	1	0	0	0		

9 = Never student at school

10 = Primary school

11 = Secondary school

12 = High school

13 = Regional boarding school

14 = Vocational and technical training school

15 = Others

	Person
Literacy 1= Cannot read and write letter	2
2= Can read and write letter	27

Farm Labor Status

1= Full-time farm worker	11
2= Part-Time farm worker	12
3= None	0

Other works

1= Farm workers outside his/her farm	7
2= Construction	0
3= Industry	0
4= Merchant	0
5= Fishermen	0
6= Housekeeping	10
7= Student	3
8= Others	4



Village Name: Astanlar

8,1

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	37		12	2	2	1
2	2	F	32		10	2	2	6
3	4	F	64		9	1	3	6
4	3	F	8	1		2		7
5								
6								
7								
8								
9								
10								

8,2

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	46		10	2	2	1
2	2	F	40		10	2	3	6
3								
4								
5								
6								
7								
8								
9								
10								

8,3

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	66		10	2	1	1
2	2	M	37		10	2	2	8
3	3	F	35		10	2	1	6
4	4	M	11	11		2	2	7
5								
6								
7								
8								
9								
10								

8,4

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	55		11	2	2	
2	2	F	52		10	2	3	6
3	3	M	29		12	2	1	
4	4	F	27		10	2	3	6
5								
6								
7								
8								
9								
10								

8,5

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	55		11	2	2	
2	2	F	52		10	2	3	6
3	3	M	31		12	2	1	
4	3	M	29		12	2	1	
5								
6								
7								
8								
9								
10								

8,6

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	39		10	2	2	1
2	2	F	37		10	2	2	6
3	3	F	14	5		2	2	7
4								
5								
6								
7								
8								
9								
10								

8,7

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	50		2	2	1	1
2	2	F	43		10	2	1	6
3	4	F	70		9	1	3	6
4								
5								
6								
7								
8								
9								
10								

8,8

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	39		10	2	1	1
2	2	F	36		10	2	2	6
3	4	M	75	4		2	1	
4								
5								
6								
7								
8								
9								
10								

8,9

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	41	4		2	1	1
2	2	F	35		10	2	2	6
3	4	F	71		10	2	3	6
4	3	M	16	4		2	3	8
5								
6								
7								
8								
9								
10								

Village Name : Ilyaskoy

No. of samples	No. of Household	Population			Age	
		M	F	Total	<14	14<
10	10	32	26	58	13	45

Education Status

Classification	0	1	2	3	4	5	6	7	8
Attending	4	6	1	4	0	2	0	0	0

- 0 =Childhood
- 1 =Primary school
- 2 =Drop out primary school
- 3 =Secondary school
- 4 =Drop out secondary school
- 5 =High school
- 6 =Regional boarding school
- 7 =Vocational and technical training school
- 8 =Others

Classification	9	10	11	12	13	14	15		
Completed	4	37	0	1	0	0	0		

- 9 =Never student at school
- 10 =Primary school
- 11 =Secondary school
- 12 =High school
- 13 =Regional boarding school
- 14 =Vocational and technical training school
- 15 =Others

		Person
Literacy	1=Cannot read and write letter	4
	2=Can read and write letter	54

Farm Labor Status

1=Full-time farm worker	18
2=Part-Time farm worker	9
3=None	7

Other works

1=Farm workers outside his/her farm	8
2=Construction	0
3=Industry	2
4=Merchant	0
5=Fishermen	0
6=Housekeeping	9
7=Student	7
8=Others	4

Village Name: Ilyaskoy

91

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	70		9	1	2	1
2	2	F	55		9	1	2	6
3	3	M	25		10	2	2	1
4	3	F	22		10	2	2	1
5								
6								
7								
8								
9								
10								

92

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	31		10	2	1	
2	2	F	28		10	2	1	6
3	3	M	7	1		2		7
4	3	F	6	1		2		7
5	3	F	4	0		1		
6								
7								
8								
9								
10								

93

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	48		10	2	2	1
2	2	F	42		10	2	2	6
3	3	M	23		10	2	3	8
4	3	F	18		10	2	3	3
5	3	M	17	5		2	3	7
6	3	F	13	3		2	3	7
7								
8								
9								
10								

94

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	55		9	1	1	1
2	2	F	45		9	1	1	6
3	3	M	29		12	2	2	1
4	3	F	27		10	2	2	6
5	3	F	23	2	10	2	2	6
6	3	M	13	3		2	3	8
7	3	M	8	1		2	3	7
8								
9								
10								

95

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	36		10	2	1	1
2	2	F	34		10	2	2	6
3	4	M	68		10	2	3	1
4	4	F	68		10	2	3	8
5	3	F	16	5		2		7
6	3	M	14	3		2		7
7	3	M	10	1		2		7
8								
9								
10								

9,6

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	31		10	2	1	1
2	2	F	28		10	2	1	6
3	3	M	8	1		2	3	7
4	3	F	3	0		1	3	7
5								
6								
7								
8								
9								
10								

9,7

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	65		10	2	1	1
2	2	F	48		10	2	1	6
3	3	M	41		10	2	3	1
4	3	F	40		10	2	2	1
5	3	M	38		10	2	2	8
6	3	F	36		10	2	2	1
7	3	F	25		10	2	2	1
8	3	M	23		10	2	2	1
9	3	F	24		10	2	2	6
10	3	M	8	1		2		7

9,8

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	34		10	2	1	1
2	2	F	30		10	2	1	6
3	4	M	60		10	2	1	1
4	4	F	52		10	2	1	1
5	4	M	24		10	2	1	1
6	3	M	10	1		2	2	7
7	3	M	5					
8								
9								
10								

9,9

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	29		10	2	1	1
2	2	F	25		10	2	1	6
3	4	F	67		10	2	3	6
4	3	M	2					
5								
6								
7								
8								
9								
10								

9,10

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1	1	M	59		10	2	1	1
2	2	F	59		10	2	1	1
3	3	M	30		10	2	1	1
4	3	M	34		10	2		8
5								
6								
7								
8								
9								
10								

Village Name : K. Karistiran

No. of samples	No. of Household	Population			Age	
		M	F	Total	<14	14<
9	9	23	30	53	7	46

Education Status

Classification	0	1	2	3	4	5	6	7	8
Attending	1	5	1	2	1	2	0	1	0

- |                               |                                              |
|-------------------------------|----------------------------------------------|
| 0 = Childhood                 | 5 = High school                              |
| 1 = Primary school            | 6 = Regional boarding school                 |
| 2 = Drop out primary school   | 7 = Vocational and technical training school |
| 3 = Secondary school          | 8 = Others                                   |
| 4 = Drop out secondary school |                                              |

Classification	9	10	11	12	13	14	15		
Completed	3	27	2	9	0	0	0		

- |                               |                                               |
|-------------------------------|-----------------------------------------------|
| 9 = Never student at school   | 14 = Vocational and technical training school |
| 10 = Primary school           | 15 = Others                                   |
| 11 = Secondary school         |                                               |
| 12 = High school              |                                               |
| 13 = Regional boarding school |                                               |

	Person
Literacy 1=Cannot read and write letter	4
2=Can read and write letter	49

Farm Labor Status

1=Full-time farm worker	20
2=Part-Time farm worker	25
3=None	6

Other works

1=Farm workers outside his/her farm	22
2=Construction	0
3=Industry	6
4=Merchant	0
5=Fishermen	0
6=Housekeeping	7
7=Student	5
8=Others	1

Village Name: K.Karyptyran

10\1

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	32		12	2	1	1
2		2 F	28		10	2	2	6
3		4 M	73		10	2	3	
4		4 F	70		10	2	3	
5		3 F	7	1				7
6		3 F	5	0				
7								
8								
9								
10								

10\2

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	63		10	2	2	1
2		2 F	58		10	2	1	2
3		3 M	39		12	2	2	3
4		3 F	31		10	2	2	6
5		3 M	31		10	2	2	2
6								
7								
8								
9								
10								

10\3

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	49		10	2	2	8
2		2 F	47		10	2	2	6
3		4 F	70		10	2	3	8
4		3 M	27		12	2	2	3
5		3 M	24		11	2	2	1
6		3 M	20		12	2	2	1
7		3 M	17		12	2	2	3
8								
9								
10								

10\4

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	52		10	2	1	1
2		2 F	52		10	2	1	6
3		4 F	70		9	1	3	
4		3 M	18	5		2	1	1
5		3 F	17	4		2	1	1
6		3 F	20		10	2	3	3
7		3 F	26		9	2	2	3
8								
9								
10								

10\5

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	45		10	2	1	1
2		2 F	42		10	2	1	1
3		4 F	85		9	1	3	
4		3 M	25		10	2	1	1
5		3 F	25		10	2	1	1
6		3 F	23		12	2	2	1
7		3 F	20	7		2	1	1
8		3 F	18		10	2	2	3
9								
10								

106

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	55		10	2	1	1
2		2 F	55	2		1	1	6
3		3 M	27		12	2	2	1
4		3 M	21		12	2		1
5		3 F	26		12	2	1	1
6								
7								
8								
9								
10								

107

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	42		10	2	1	1
2		2 F	37		10	2	1	6
3		3 F	16	5		2	2	7
4		3 F	16	3		2	2	7
5		3 F	10	1		2	2	7
6		3 M	9	1		2		7
7								
8								
9								
10								

108

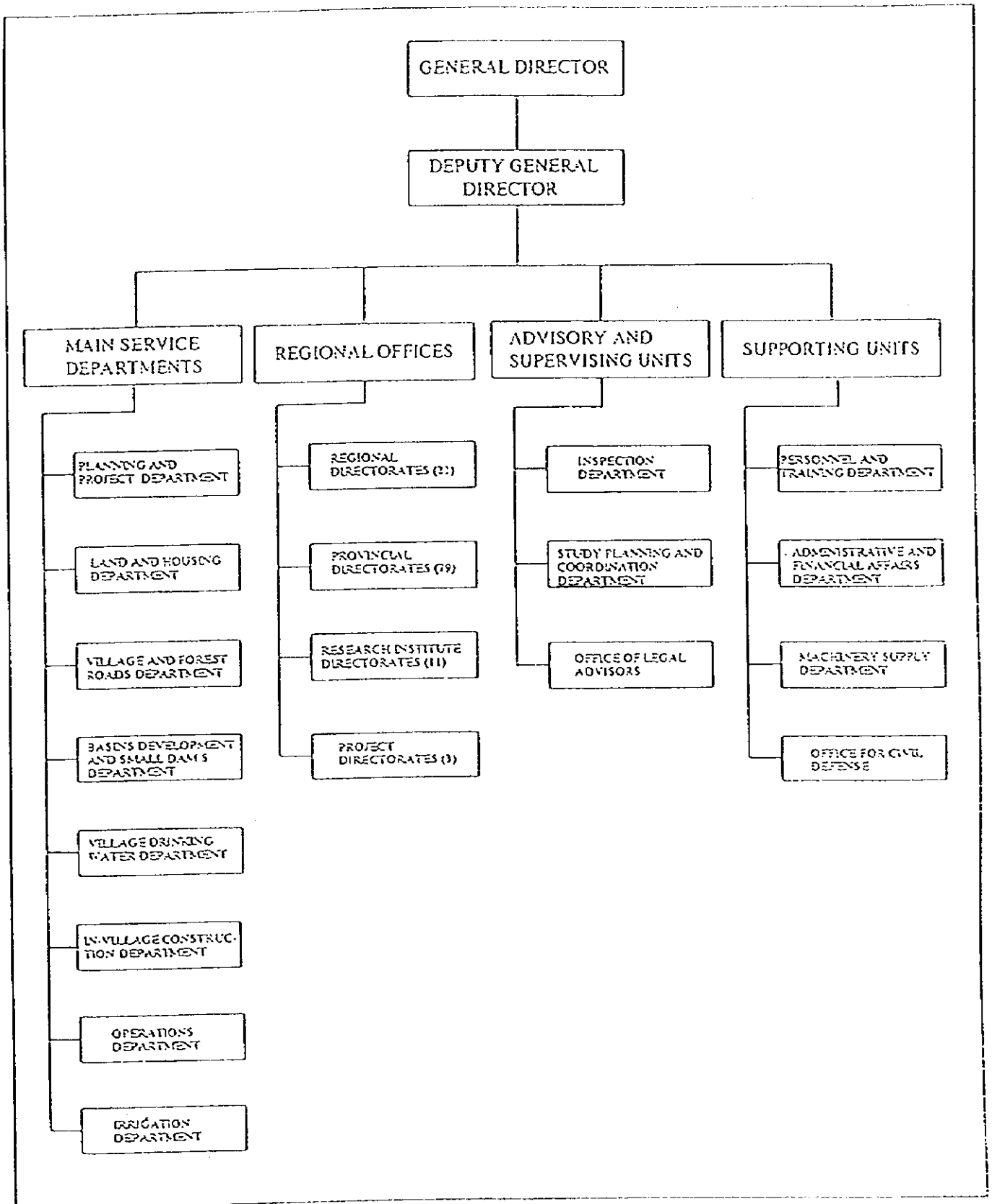
Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	44		10	2	1	1
2		2 F	40		10	2	1	6
3		4 F	85		9	1	3	
4		3 F	16	10		2	1	7
5		3 F	14	11		2	1	7
6		3 F	12	3		2		
7								
8								
9								
10								

109

Family Members	Family Status	Sex	Age	Education Status School		Literacy/ Illiteracy	Farm Labor Status	Other Works
				Attending	Completed			
1		1 M	70		10	2	2	1
2		2 F	70		10	2	2	6
3		3 M	34		10	2	2	3
4		3 F	32		10	2	2	1
5		3 F	11	1		2	2	1
6		3 M	10	1		2	2	1
7								
8								
9								
10								

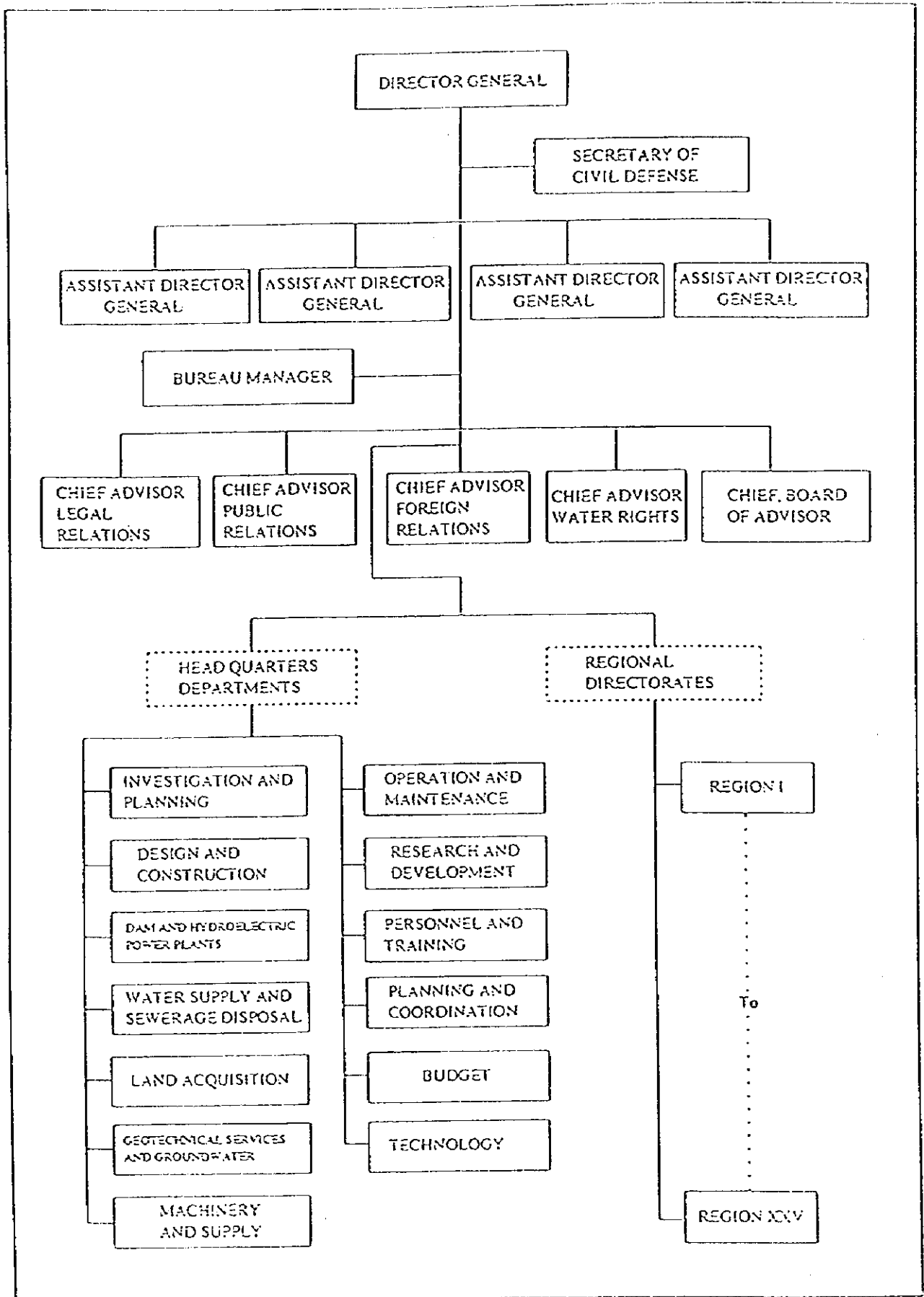


Figure-B.1 Organization Chart of GDRS



Organization Chart of GDRS

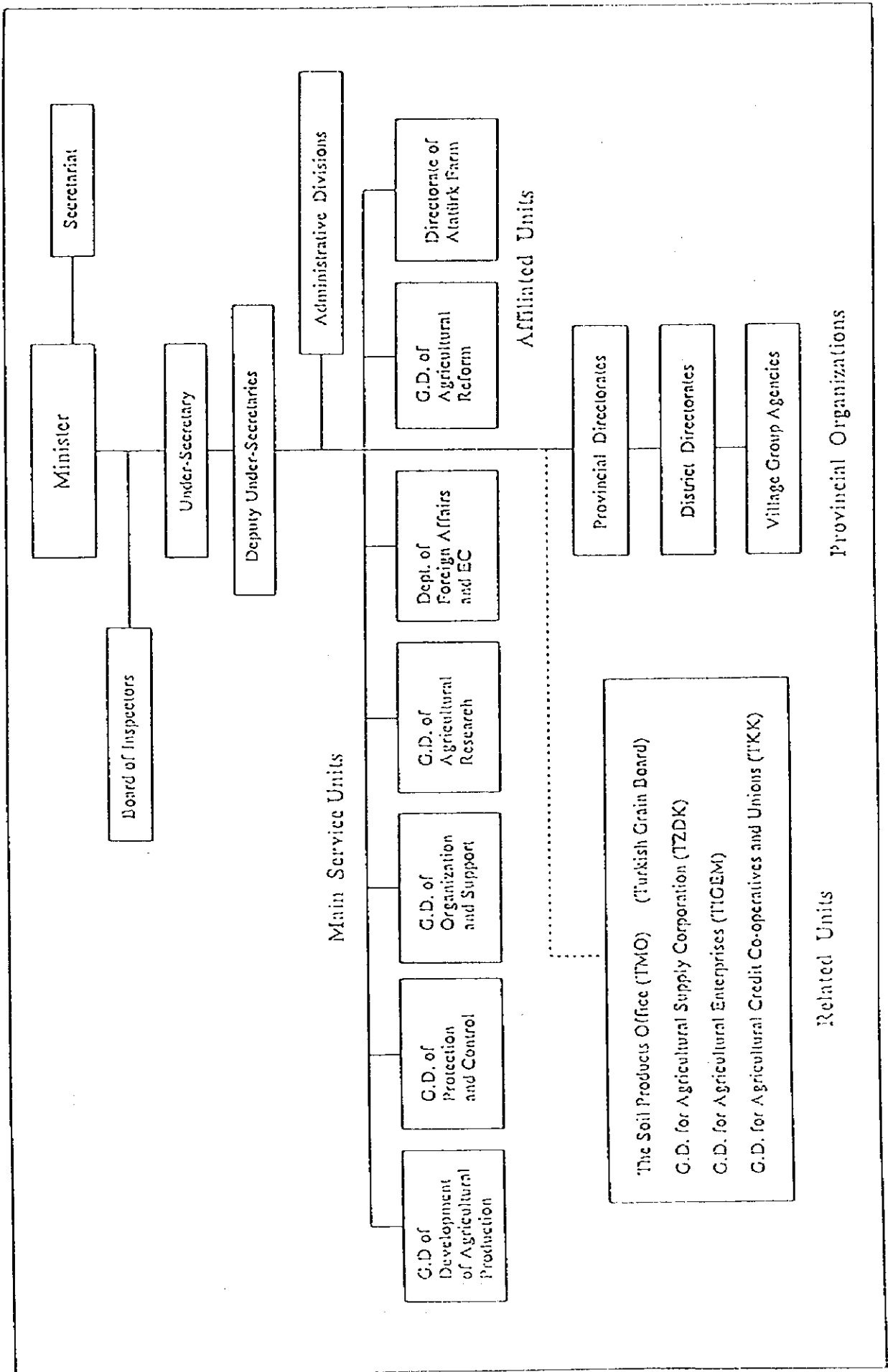
Figure-B.2 Organization Chart of DSI



Organization Chart of DSI

FIGURE-B-3

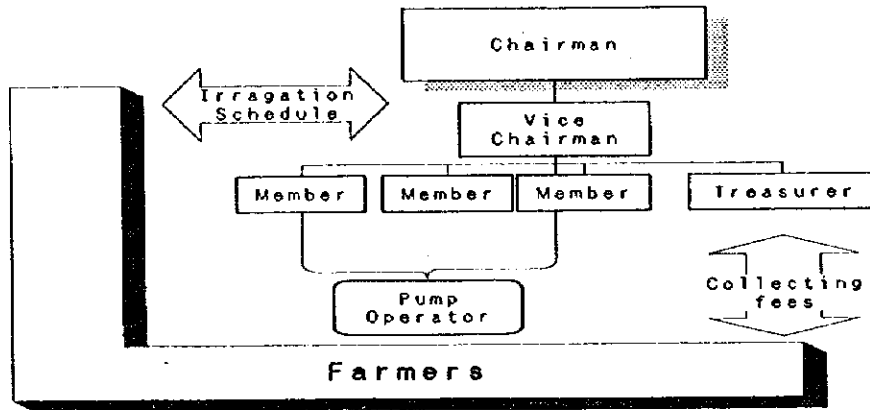
Organization Chart of MARA



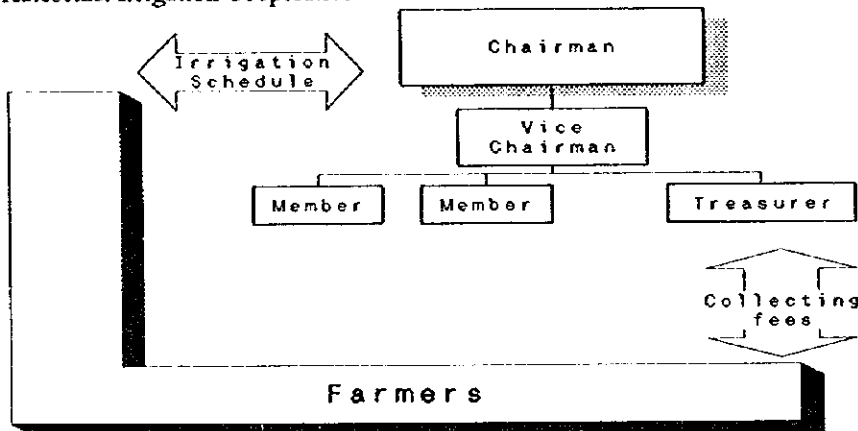
Organization Chart of MARA

FIGURE-B-4 Organization Chart of Irrigation Cooperative

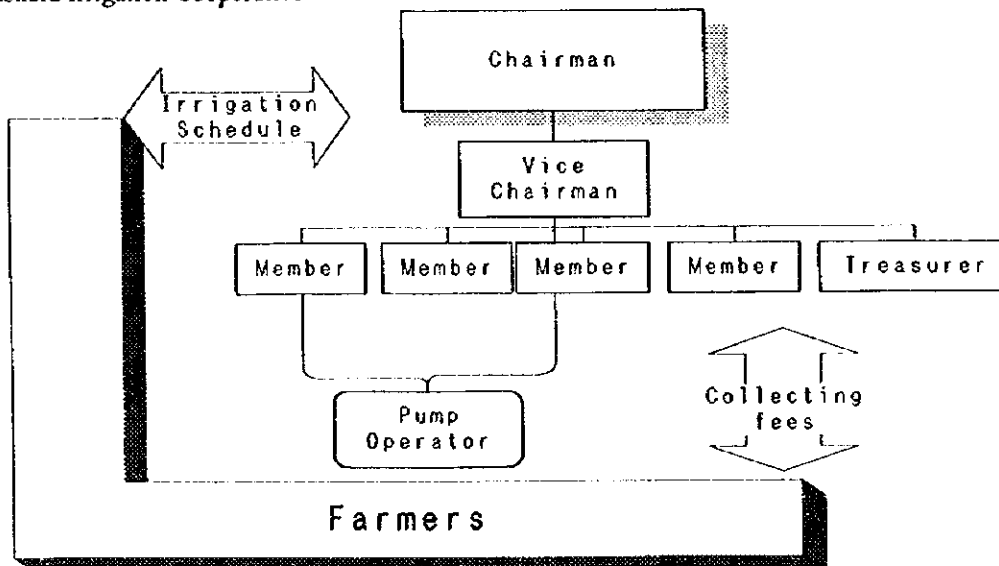
1) Uruntu Irrigation Cooperative



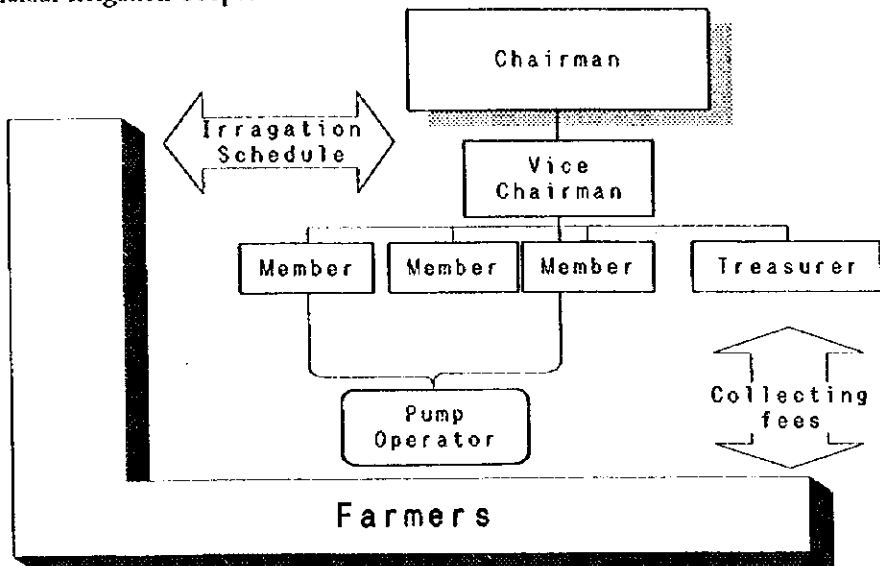
2) Kalesekisi Irrigation Cooperative



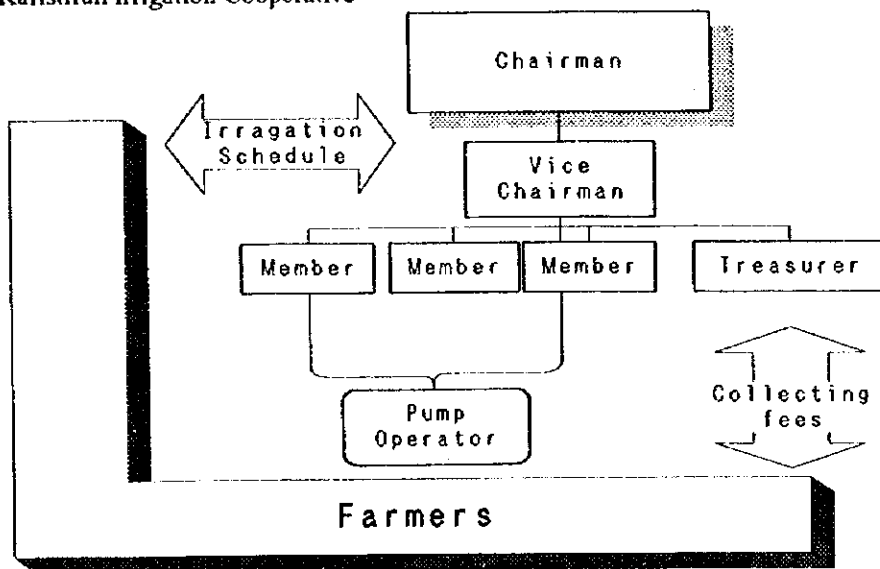
3) Kuskara Irrigation Cooperative



4)Aslanlar Irrigation Cooperative



5)K.Karistiran Irrigation Cooperative



Chapter 2

Village affairs

Article 12 : Village Affairs divide into two

1. Compulsory works ( affairs)
2. Works that depend on the villagers wish

Villagers are punished if they don't do the compulsory works. There is no punishment in the works that depend on them to do. In the works that depend on the villagers wish, more than half of the village assembly commands and in the places that belong to the province the governor of the province, and in the villages that belong to a district the governor of that district decides. Once they say 'yes' that work becomes compulsory for all the villagers and if not done, the villagers will be punished.

Article 13 : The compulsory works of the villagers.

1. To dry the marshlands within the borders of the village because mosquitoes live there and they cause malaria.
2. To bring water to the village covered and build fountains. If the water that the villagers drink come covered they shouldn't leave any holes open on the route where the water comes.
3. To put a crown (parapet) around the well (pit) in the villages about a yard (approx. 68cm) high and surround it with plaster 2 meters in width.
4. To separate the cow shed and the house with a wall.
5. To build a latrine (toilet) covered and with a sewer in every house of the vil and again to build a latrine in the suitable part of the village again covered and a sewer, for general use.
6. The dirty water from the houses should not mix to the waters in wells or to the fountain water or to the spring water and they should make a covered place to let the dirty water flow.
7. To keep the houses and around the houses and also the streets of the villages clean.
8. Around the wells, fountains and spring waters should be kept clean and there shouldn't be any fertilizers(manure) or rubbish near them. Also they should let the water flow so that it won't gather and cause mud.
9. To put the rubbish and the fertilizers far away from the village, not on a road or to windy places.
10. To make two crosswise roads from one end of the village to the other end. (They should pass through the public square of the village)
11. According to the area of the village to open a public square in the middle and if not possible to build it at one edge of the village.
12. To build a community center in one corner of the public square so as the village council of elders can held meetings.
13. If the village is on a road much frequently visited, a halting place with a cow shed should be built near the community center.
14. To build a small mosque in the village. ( If it is going to be built again it should be built at one edge of the public square.
15. To build a school in the village according to the examples the educationalists will give.( If it is going to be built again it should be built in an airy place and should have a garden.

16. To plant trees along the village roads, around the public square, inside the village, along the river sides, to the cemetery and to the area between the village and the cemetery. The villagers should at least plant one tree per person every year and should look after it until it grows and becomes green and prevent it from the animals.
17. To protect the small wood of the village.
18. To make and repair the roads which lead to the nearby villages and to the capital. To build bridges over the rivers and to get rid of the things on the road which will cause difficulty while passing. ( the villagers are responsible for the roads which extend to the end of the village borders.)
19. With mutual aid to sow and harvest the land of the orphan and the ones who go into the military service.
20. To build shoeing smith, grocer and car repair shops for the village.
21. To hire a rural guard and a shepherd for the village.
22. To send someone to the capital to let them know when there is an epidemic in the village or if there is a man with syphilis. (No one is to be let near the sick person, except their relatives, until an agent comes from the district.)
23. To send someone to the capital to let them know when there is an epidemic among the animals and to separate the sick animals from the healthy ones.
24. If there is flood in the village, to change the direction of it.
25. To get rid of the birds, insects and caterpillars harmful to the crop, fruit bearing trees and non fruit bearing trees and to the gardens vineyards. ( To get information from the capital about how to get rid of these and do exactly what they say.)
26. To protect the crop products of the villagers against all harm.
27. Not to put anything on the roads which will make the passing difficult unless necessary.
28. To repair or pull down the walls and roofs which are a danger to human and animal.
29. (15/12/1341 - 684) Not to run animals inside the village unless necessary.
30. Not to leave tearing, rending animals free if it is necessary to keep them.
31. Not to give away the government's money under its value.
32. If a man is seen drowning to help him if possible.
33. The rotten fruits etc. should be kept outside the village and buried.
34. They should not overload an animal.
35. Not to let out the animals to pasture and cut up the meadow which belongs to all the villagers.
36. Not to dig a hole which will cause animals to fall in and die or become wounded.
37. To go in to give evidence if called by the village council of elders and if have an excuse to let them know.

Article 14 : The works that depend on the villagers wish.

1. To build the cow shed away from the rooms of the house.
2. To paint the inside and outside the walls of the house, cow shed and latrine(toilet) every year.
3. To make stone pavements along the village roads.
4. To build the cemetery away from the village and the road and to make sure the water drains away. To surround it with walls so that no animal can go in. Not to throw rubbish or fertilizers in the cemetery and to take good care of it.

5. To build a washing place in the village.
6. To build a Turkish bath.
7. To build a bazaar and shopping places.
8. To afforest within the limits of the village and the hills.
9. To plant trees along the roads which lead to the other villages and to graft the trees within the borders of the village.
10. To find someone who will pay the worth for the villagers crop product.
11. To make a ditch which all the villagers will use collectively to water their fields and gardens.
12. To buy all kinds of farming, heavy plough, harvest machines collectively for the village.
13. To buy machines in order to make cheese and butter in the village.
14. To build a mill in the village.
15. To try to weave the villagers clothes in the village.
16. To bring up hair cutters among the villagers.
17. To bring up shoe makers.
18. To bring up shoeing smith, black smith, tin smith and coachman.
19. To bring artificial fertilizer in order to get more income from the crop.
20. To bring books that will help to educate the villagers.
21. To help the poor in the village by giving them money and food. To circumcise the orphan boys and help the orphan girls when they are getting married and help them when they are taking a relative for burial.
22. To help the poor if their house is burnt or damaged accidentally
23. To get money from the banks and give it to the ones who want to buy fields, gardens and seeds and again collect the debt every year and pay back to the bank.
24. To organize games in the village like wrestling, jerid and shooting.
25. To change the two-wheeled ox-carts to cars with four wheels and to open a place with the villagers' money to repair these.
26. To build a barn in the village with the village money and during harvest to take some amount of granary from every villager and share it among the poor.
27. To sow fields for the good of the whole village and to reap it with mutual aid. After saving the seed for the next year to sell the rest of the crop product and put the money in the village box.
28. To buy bulls, stallion, ram and he-goat for the village.
29. To grow small wood if there isn't one in the village.
30. To have a health officer in the village. If there isn't anyone, to send someone to join the health classes in the province or district.
31. To conserve the medicine sent by the government.
32. To install electricity network in the village.

### Chapter 3

#### The money of the village and mutual aid

Article 15 : Most works of the village are done by mutual aid.

Article 16 : (5.7.1939 - 3664) The article number of the law number 2491 is changed as below:



If the village income is not enough for paying the monthly and yearly salary of the people who work for the village and also if it is not enough for the compulsory works which will be done within the village limits :

With the decision of the village council of elders maximum 20 TL can be collected from the villagers who can afford to give it

Articles added to the law number 5.7.939-3684

Article 2 : The money is collected from every household. If more than one person is working in the same house, they also pay. The financial state of the family is taken in to consideration while collecting the money.

The tax amount which the people who live outside but have a material connection with the village will pay is fixed according to their connection with the village and the benefit they receive from the village.

Article 3 : Money can not be collected from the villagers unless it is for the people working for the village and for the compulsory works which has to be done in the village. The money collected for the above purpose cannot be used in any other way.

Article 4 : During the second law month the assign and distribution list of the proportion and amount of the money which will be collected should be organized and hung for 15 days in a public place by the village council of elders.

If one claims that the amount of money required is against the law, ten days after the notice time ends they will tell or write their disapproval to the village headman and write down their application in the book and get a receipt (identity paper)

The village council of elders have to check the applications in one week and let them know about the decision taken. If there are any objections to the decisions, in 15 days after the notice they can apply to the Vali in the capital district or to Kaymakams in other districts.

The decisions they will make are definite and no one can apply to the council of State.

Article 5 : the decisions about the money which will be collected from the villagers should be written in the village decision (agreement) notebook and the adjustments should be pointed out \*

(\*The law number 249 belongs to the adjustments of the articles 16,19,21 of the village law and the first article belongs to the adjustment of 16<sup>th</sup> article)

Article 6 : Ones who can not pay the tax liability can be made to work

Article 17 : The village money includes :

1. The money given to the villagers by the council of elders.
2. The fine that will be taken according to the law.
3. The income received from the written estates and lands for the good of the village.
4. The income received from the road and dedicated estates and lands.
5. Extraordinary taxes (tree, land, estate, money).
6. The money and goods given as a gift and donation.
7. The income received from the land sown for the good of the village.
8. The income received from the village work-bench(looms), shops and granary.

9. The money that will be collected from the identity papers which will be sealed. (This money is collected according to the list prepared by the village council of elders and certified by the Kaymakam or Vali.
10. The money that will be taken from the mines like stone, lime, brick, tile, clay and impervious clay. (the ones which have a radius between 50-100 meters)
11. The money that will be collected from the boats that work on the river and creeks.(It is for the ones which work only the 6 month of the year. The ones working over 6 months belong to the province management)
12. From the pastures within the village limits.
13. The money received from the slaughtered animals that will be sold in the village.
14. The tax that will be collected from the animals that are sold within the village limits.
15. The income received from the trees and fruits that are unowned within the village limits.
16. The thermal springs and mineral water within the village limits.
17. The money or crop products collected for the villages that don't have enough money to pay the yearly or monthly payment of the village headman, imam, rural guard and the shepherd.

Article 18 : The money which will be spent for the good of the village can be in two categories. The money spent not depending on the wishes of the villagers and the money spent depending on the wishes of the villagers .

Article 19 : (6.6.1934 - 2491)

The money spent not depending on the wishes of the villagers are as follows :

1. The monthly or the yearly salary of the village headman which is reduced by the village assembly.
2. The monthly salary of the katip if there is one.
3. The expenses and taxes of the estates and lands.
4. The money needed for the works that should be done in the village
5. The money needed for compulsory works while according to requirements of article 12, it depends on ones wish.
6. The monthly salary of the ones which take care of the village affairs.

#### Chapter 5

The duties of the village headman :

Article 34 : It is the duty of the village headman and the village council of elders (which the village headman is the president) to do the works concerning the villagers or again it is their duty to have the works done.

Article 35 : The duties of the village headman divides into two.

1. State affairs
2. Village affairs

Article 36 :The State affairs

1. To announce the laws and regulations notified by the State in the village and explain it to the villagers and to see to the works that are given to him by laws, regulations, instructions and orders.

2. To keep a harmonious life within the village limits.
3. To inform the State daily about the epidemic.
4. To inform the state about the ones who claim to cure by such breathing and to ban them giving medicine to the sick people.
5. To help the villagers to get vaccination in order to get rid of the illness.
6. To understand the intention of the people who come and go to the village and to inform the police station if they suspect anyone of them (or the foreigners).
7. To keep notes of the new born, dead, married or divorced and give it to the Registry of Births etc. place.
8. To help the tax collectors and inform the state if he sees any impropriety.
9. Send people to do their military service and inform the state about the deserters.
10. By the help of the rural guards to catch the ones who lay hands upon others goods or the ones who harm people and don't obey the state laws.
- 11.
12. To gather the villagers and get help from them if there is a fire or a flood within the village limits.( It is compulsory to help put out forest fire even if it is outside the village limits.)
13. To let the people know about the summons and decisions the Law court sends and do the desired works. To help the law court process-server and the gendarme.
14. To help arresting when brought a paper from the law court in order to arrest one.
15. To investigate the complaints of people who suffer harm
16. To tell about the law suits mentioned in this law to the village council of elders and get their idea.

Article 37 : Village affairs

1. To discuss the matters in Article no 13 with the council of elders and do the things necessary or have them done.
2. To give advice to the villagers so that the matters mentioned in Article 14 can be done.
3. To call the villagers to work after the meeting with the council of elders.
4. To collect the money which will be spent on village affairs with the permission of village council of elders.
5. To give the order to spend it after collecting the money which will be spent on village affairs.
6. To make a report on how much money was spent and where it was spent in a month and give it to the council of elders.
7. To be present at the law court both as a suitor and defendant or send a representative if he wants.

Article 38 : People who come against the village headman while trying to do his job, will be punished.

Article 39 : The village katip writes for the village headman. If there isn't a katip then the teacher or the imam of the village writes for him.

Article 40 : The Kaymakam can set aside the village headman's decision if he believes it is not good for the villagers but the Kaymakam can't make a decision by himself. The decision is again made by the villagers.

Article 41 : In the villages that belong to the provincial capital the vali, and in the villages that belong to the districts the kaymakams send a written notification to the village headman if they believe that he is not doing his duties. If he goes on not doing them, with the decision of the executive committee, he will be dismissed.

The duties of the council of elderly

Article 44 : The works the council of elderly will do:

1. The council of elderly talks about the works of the villagers and decide on whi works to be done by the villagers themselves and which works to be done by the laborers who get daily wage. They leave the works to be done by the villagers with mutual aid to be done in their spare time when they are not cultivating their land.
2. To do the compulsory and voluntary works written in the articles 13 and 14 of this law, the council of elderly can buy the real estates (ad valorem) within the village limits, if necessary. If the owner doesn't accept this then the executive committee looks into the matter. Nothing can be said against the decision made by the executive committee.
3. To give a piece of the uncultivated land to the villager who hasn't got a land or whose land is not productive. Buying lands for the village and give it to the ones who don't have one and make the village box pay the installment
4. The council of elderly determines the number of days the villager will work.
5. He decides on the amount of money each villager will get.

Article 45 : The council of elderly and the village headman make sure that the money is spent in the right way. If the government decides that the money was spent improperly, then according to the 'Tahsili Emval Law' the properties of the village headman and the members of the council of elderly will be sold and the villagers money will be paid.

Article 46 : If the village headman and the council of elderly don't make sure that the compulsory works are done and if they don't collect the money that should be collected, then the executive committee will make them pay a fine between 10-50 TL. This money will be put into the village box.

The duties of two or more villages

Article 47 : for the works between two or more villages the village headman and the council of elderly decide in which village they will gather and talk. They decide on how to do the works and how each village will help for the work to be done. They let the State know about their decision and start work according to the permission given.

Article 48 : If there is a conflict between the councils of the elderly the president takes up the matter and settles it.

## Others B-2 Summary of Agreement Of Irrigation Cooperative

### chapter 1

#### Establishment

Article 1 Accepting the conditions of the main agreement, among the people who joined or are going to join the partnership, irrigation cooperative with limited liability has been established in order to work in the regions and in the borders shown on the attached map.

#### Management center

Article 4 The management center of the cooperative is.....province .....district.

Article 5 The operating region of the cooperative is .....village/villages. The approval of the Village Affairs head office and other related organisations is needed for separation and joining of these villages

#### The objective and operating subjects

Article 6 The objective of the cooperative is; to set up and operate, have it operated and maintain or have it maintained agricultural irrigation plants like waterways, in-field watering, drainage etc. related to the agricultural using of water which would be obtained either from the irrigation plants that are completed or would be completed by State or would be obtained from the agricultural fields.

Article 7 In order to achieve this objective the cooperative is active in the areas shown below.

- a.) On conditions which are forced by the earth saving and agricultural irrigation technics, to have the land consolidated according to the related regulations having technical aid from Village Affairs Organisation.
- b.) To make land improvement or have it made.
- c.) To supply its partners teaching and training services about irrigation and in-field activities.
- d.) To supply its partners establishment and operation credit according to the regulations and rules.
- e.) To supply the electric power needed by the irrigation services and to set up and operate related establishments.
- f.) To supply all kinds of equipment and tools related to the cooperative services
- g.) To act as an agent in the insurance works of the cooperative and the partners activities.

- h.) to help the partners in their supplying and marketing activities.
- i.) To supply the partners of the cooperative and the farmers who are not partners, technical aid about the irrigation matters by cooperating with the Village Affairs Organization and also to help them to sow alternating plants.
- j.) To join in the corporation and organizations related with the production, marketing and production-consumption substances.

CHAPTER 2  
Partnership Works  
Partnership Conditions

Article 8 : The partners should :

- a.) be a Turkish citizen
- b.) have the right to use legal and civil rights.
- c.) possess a land in the area shown on the attached .....map and to do agriculture on the land or to do it by means of the one who rents it (or the share-cropper). (Instead of the land owner the share-cropper or the one who rents it can possess the rights and duties of partnership as an agent).
- d.) accept the partnership duties, rights and responsibilities written in this main agreement.
- e.) pay 100 000TL as one partnership amount. While entering, a partner should at least undertake 10 shares. Also, in the project area, for every 5 dekar (dekar=one tenth hectare) they should take one portion.
- f) After the establishment starts operating, in two years time to take partnership share according to the land he owns in the project area and to become a partner of the cooperative.

The public corporations like special offices, municipalities, villages and communities and corporations, state enterprises and other cooperatives can be partners to this cooperative fulfilling the partnership conditions of this main agreement (article no:8 paragraph: c & e). Juridical person do what is necessary concerning their relation with the cooperative, their partnership duties and about the main agreement conditions, by means of their legal agent. Each juridical person represents his partnership with only one vote.

Acceptance to the partnership.

Article 10: The ones who want to join the cooperative (legal agent or juridical person) should apply to the enterprising commission or to the head of the council of management filling a contract showing that he agrees with the main agreement of the cooperative. The council of management should analyse the applications and answer back in at most one month.

On signing this main agreement, the constituent (organizer) partners accept the partnership rights and duties altogether.

Acceptance to the partnership, with the approval of the council of management, is completed after the date the partnership share which must be paid in advance is paid and the notebook(register) of partnership is signed. The council of management investigates if the people who apply fulfill the conditions shown in the main agreement or not and then accepts the ones they approve of.

The ones who are not accepted have a right to object to the general assembly. Process is done according to the general assembly's decision.

#### The duties of the partners

Article 11 : The duties of the partners is as follows :

- a.) to obey the related laws, the main agreement and the regulations.
- b.) Not to act in a way not suitable to the decisions taken and which is not for the benefit of the cooperative. To help the cooperative services.
- c.) To pay partnership shares, his supplementary payments, debts of the credits or advances in time.
- d.) Not to deal with political activities in the cooperative meetings or inside the organization. Not to employ the cooperative in anyway with his political views.
- e.) To do his cooperative duties.
- f.) To pay on time the debts of the credit taken with uninterrupted bond from the finance institutions in the name of the cooperative.

### CHAPTER 3

#### Capital

Article 24 : The capital of the cooperative is changable and consists of the amount of partnership shares which the partners undertake. The least limit of the cooperative capital is ..... TL. The 1/4 of this amount which is ..... TL is to be prepaid during the beginning of the formation.

#### The way of keeping the money.

Article 29 : The amount of money needed for a weeks needs is kept in the cooperative's cash-box, the rest is kept in the finance institutions where credit is taken from or in a State bank.

#### The responsibility of the cooperative

Article 37 : The cooperative is responsible for its creditors as much as the total land assets in the cooperative area.

#### The responsibilities of the partuers:

Article 38 : Their responsibility is limited to ten times of the partuership share they undertake from the cooperative works and is based on the principles of joint and uninterrupted debt and uninterrupted guarantee being restricted with the land property included in the project area.

#### Prescription in responsibility

Article 43 : Every single creditor can claim for their rights (if not cancelled by law previously) starting from the finishing of the baukrupcty procedures for one year. Also the right of recourse of the partners becomes prescriptive in one year starting from the moment the payment which creates this right is made.

#### The funds of the cooperative

Article 45 : The investment and improvement funds should be used in investments that will increase the production and the sales.

If the union (association), the cooperative has joined is making investments ( for the benefit of the cooperative) in order to improve the production and the sales, then, with the

decision of the general assembly of the cooperative it can decide on using the funds partly or entirely on this matter.

The 5% of the fund reserved for the union of cooperatives and central concentricity, is paid as the union share and 2% is sent to the central concentricity by the union.

If there isn't a union in the cooperative area or if they haven't joined it, the above mentioned 7% goes in to the investment and improvement fund of the cooperative.

If the cooperative is in partnership with the union but the union is not in partnership with the central concentricity, then the 2% central concentricity share goes in to the investment and improvement fund of the cooperative.

The 1% of funds given by the Ministry for farmers and for introducing of operation of cooperatives and for rewards are put into the Central TC Ziraat Bank. account no. 30447/2743.

Article 46 : The social services fund is composed of the proportion (mentioned in the article no 44) taken from the amount referring to the difference between income and expenses.

Article 47 : The social services fund is used for the social and cultural needs of the partners and for the insurance, help and death of the employees and workers of the cooperation.

Article 48 : All kinds of support made by public corporations and individuals in order to make investment and improvement and the donations the partners give are added to the investment and improvement fund.

## CHAPTER 6

The obligations of the partners to the cooperative and profits and rights given to the partners.

Article 107 : In accord with the rules given below, the cooperative is to provide water to the land sections shown on the attached map, to irrigate these lands, reform the land and to construct establishments which will take the necessary precautions about earth saving.

The principles of distributing and using the water :

- a.) According to the agricultural character and water reserves of the area to make an irrigation plan for the land which includes all cooperative area or for the land in this area which the width will be fixed by the Village Affairs Organization.
- b.) Even in the areas where the land is disintegrated the cooperative should put a weir with a sufficient capacity for all land owners.
- c.) In order to install the other irrigation plants and the main and subordinate canals (culvert) of the cooperative ( according to the topography of the land and the irrigation project principles prepared by the Village Affairs) the partners should agree to give permission of transit from their land and the establishment of the plant.

If the partner has a substantial loss when permission of transit from their land is given or because of establishing of the plant, a suitable compensation is paid by the council of management. If there is a disagreement with the compensation amount or payment, the Village Affairs Organization is consulted

It is compulsory that the cooperative buys with its own possibilities the water within the limits of the land which one owns, the water sources and establishments and the rights of transit and register them under the cooperative name.



## ANNEX C

### AGRONOMY



## **ANNEX C AGRONOMY**

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