

No. 2

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
MINISTRY OF AGRICULTURE AND FOOD INDUSTRY
REPUBLIC OF BULGARIA

THE FEASIBILITY STUDY
ON
THE PROJECT FOR
AGRICULTURAL REFORM
IN
BULGARIA

FINAL REPORT
(APPENDICES)

JUNE 1997

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MACROECONOMICS

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A-1 Macroeconomics

Table A-1-1 MACROECONOMIC INDICATORS

Year	1991	1992	1993	1994	1995	1996
GDP at current prices (mln., Lev)	135,711	200,832	298,934	548,015	871,396	1,660,237
GDP growth (%)	-8.4	-7.3	-2.4	1.8	2.6	-10.9
GDP per capita (US\$)	802	944	1,148	1,201	1,548	1,129
Budget deficit (% of GDP)	-8.4	-7.1	-13.6	-6.5	-6.6	-
Inflation (CPI,%)	338.9	79.4	63.9	121.9	32.9	311.2
Unemployment (Thousand)	419,123	576,893	626,141	488,422	423,773	490,800
Unemployment rate (%)	11.1	15.3	16	12.8	11.1	13.7
Export (mln., Lev.)	57,368	91,533	102,877	216,194	343,338	818,315
Import (mln., Lev.)	45,132	104,281	131,523	227,010	339,402	305,619
Trade balance (mln., Lev.)	12,236	-12748.3	-28645.7	-10,816	3,935	512,703
Foreign debt (mln.US\$)	11,375	12,952	12,472	10,363	9,446	-
Exchange rate(Average) Lev:\$	16.678	23.339	27.648	54.247	67.168	173.06

Source: NSI,BNB,EIU Country Report

Table A-1-2 INDUSTRY OUTPUT

Year	1990	1991	1992	1993	1994	1995	1996
Electricity (mln. kW/h)	42,141	38,917	35,610	37,998	38,113	41,781	42,710
Crude petroleum (000t.)	60	58	53	43	36	43	32
Petrol (000t.)	1,900	897	657	1,544	1,735	2,104	-
Coal (000t)	31,675	28,451	30,336	29,033	28,757	30,830	31,297
Rolled iron meatal (000t)	2,156	1,309	1,315	1,602	2,046	2,252	1,898
Cement (000t.)	4,710	2,374	2,132	2,007	1,910	2,070	2,132
Metal-cutting machines	14,824	10,250	6,992	4,565	4,419	4,942	4,962
Electric trucks	32,645	18,634	5,796	3,766	3,439	2,700	-
Fork-lift trucks	25,430	9,035	6,520	2,637	2,300	2,500	1,700
Electric motors	1,503,000	819,000	590,000	458,000	470,000	438,000	389,000
Meat (t.)	550,504	313,126	239,380	180,385	125,100	130,600	125,700
Milk (000t.)	586	368	307	216	173	150	143
White cheese (000t.)	111,442	94,679	67,776	51,845	48,600	48,100	33,100
Flour (000t.)	1,366	1,206	1,004	1,051	988	1,008	861
Bread (000t.)	1,434	1,296	1,054	1,103	1,037	-	-

Source: NSI

Table A-1-3 UNEMPLOYMENT OF THE NATION AND EACH REGION

	3/31.95	6/30.95	9/30.95	12/31.95	3/31.96	6/30.96
NATIONAL						
Active population	3,822,970	3,822,970	3,822,970	3,822,970	3,822,970	3,822,970
Registered unemployment	476,136	408,453	400,688	423,773	434,027	380,291
Unemployment rate %	12	11	10	11	11	10
SOFIA DISTRICT						
Active population	440,403	440,403	440,403	440,403	440,403	440,403
Registered unemployment	57,391	50,070	50,884	51,951	49,591	44,215
Unemployment rate %	13	11	12	12	11	10
<i>Sandanski</i>						
Active population	28,519	28,519	28,519	28,519	28,519	28,519
Registered unemployment	3,222	2,794	2,990	3,172	3,008	2,745
Unemployment rate %	11	10	10	11	11	10
<i>Petrich</i>						
Active population	27,151	27,151	27,151	27,151	27,151	27,151
Registered unemployment	4,318	3,390	3,328	3,397	3,482	3,203
Unemployment rate %	16	12	12	13	13	12
LOVECH DISTRICT						
Active population	445,886	445,886	445,886	445,886	445,886	445,886
Registered unemployment	52,979	44,161	43,165	46,626	48,204	40,913
Unemployment rate %	12	10	10	10	11	9
<i>Veliko Tarnovo</i>						
Active population	66,847	66,847	66,847	66,847	66,847	66,847
Registered unemployment	8,315	7,422	7,500	8,315	8,901	7,504
Unemployment rate %	12	11	11	12	13	11
<i>Pavlikeni</i>						
Active population	14,947	14,947	14,947	14,947	14,947	14,947
Registered unemployment	1,801	1,320	1,272	1,495	1,550	1,169
Unemployment rate %	12	9	9	10	10	8
BOUGAUS DISTRICT						
Active population	386,985	386,985	386,985	386,985	386,985	386,985
Registered unemployment	44,638	35,964	34,639	40,228	41,287	34,654
Unemployment rate %	12	9	9	10	11	9
<i>Sliven</i>						
Active population	78,683	78,683	78,683	78,683	78,683	78,683
Registered unemployment	10,504	8,929	8,868	8,893	9,587	8,855
Unemployment rate %	13	11	11	11	12	11
<i>Yambol</i>						
Active population	84,194	64,194	64,194	64,194	64,194	64,194
Registered unemployment	8,022	7,087	6,902	7,342	7,635	7,279
Unemployment rate %	13	11	11	11	12	11
<i>Noba Zagora</i>						
Active population	29,062	29,062	29,062	29,062	29,062	29,062
Registered unemployment	3,450	3,082	3,438	3,413	3,255	3,321
Unemployment rate %	12	11	12	12	11	11

Source: Ministry of Labor

Table A-1-4 EMPLOYMENT BY ECONOMIC BRANCH

	1989	1990	1991	1992	1993	1994	1995
Number of worker (thousand of persons)							
Total	4,366	4,097	3,564	3,274	3,222	3,242	3,311
Industry	1,646	1,498	1,230	1,067	979	943	932
Agriculture and forestry	814	758	696	694	712	752	802
Construction	361	337	253	204	209	192	192
Services	1,504	1,462	1,346	1,275	1,283	1,318	1,349
Other	41	43	37	33	38	37	36
Indices, 1989=100 %							
Total		93.8	81.6	75	73.8	74.2	75.8
Industry		91.0	74.7	64.8	59.5	57.3	56.6
Agriculture and forestry		93.1	85.5	85.3	87.5	92.3	98.5
Construction		93.4	70.1	56.5	57.9	53.2	53.1
Services		97.2	89.5	84.8	85.3	87.6	89.7
Other		104.9	90.2	80.5	92.7	90.7	87.7
Employment rate (%)							
Total	100	100	100	100	100	100	100
Industry	37.7	36.6	34.5	32.6	30.4	29.1	28.2
Agriculture and forestry	18.6	18.5	19.5	21.2	22.1	23.2	24.2
Construction	8.4	8.2	7.1	6.2	6.5	5.9	5.8
Services	34.4	35.7	37.8	38.9	39.8	40.7	40.8
Other	0.9	1.0	1.0	1.0	1.2	1.1	1.1

Source: NSI

Table A-1-5 CONSUMER PRICE INDEX(CPI) AND PRODUCTION PRICE INDEX(PPI)

	CPI			PPI		
	%	1993=100	12-month growth rate	%	1993=100	12-month growth rate
JAN.94	3.77	103.8	59.1	2.53	102.5	24.4
FEB.	4.56	108.5	58.8	4.50	107.1	26.0
MAR.	7.45	116.6	61.6	9.24	117.0	38.1
APR.	21.69	141.9	89.3	18.44	138.6	60.4
MAY	7.88	153.1	93.9	8.60	150.5	68.4
JUN.	4.12	159.4	94.0	1.66	153.0	67.8
JUL.	0.63	160.4	93.3	2.02	156.1	75.0
AUG.	5.22	168.7	98.4	4.92	163.8	86.3
SEP.	11.01	187.3	112.1	5.52	172.9	90.6
OCT.	6.92	200.3	117.6	5.87	183.0	96.3
NOV.	5.54	211.4	119.7	2.39	187.4	98.0
DEC.	5.00	221.9	121.9	2.2	191.5	105.3
JAN.95	3.85	230.5	122.1	3.36	197.9	93.7
FEB.	3.78	239.2	120.4	3.46	204.8	103.1
MAR.	3.39	247.3	112.1	6.3	217.6	95.9
APR.	1.01	249.8	76.1	0.79	219.3	62.0
MAY	1.86	254.4	66.2	0.01	219.3	51.0
JUN.	0.50	255.7	60.5	0.50	220.4	47.0
JUL.	1.51	259.6	61.9	1.76	224.3	48.0
AUG.	0.54	261.0	54.7	1.03	226.6	43.9
SEP.	4.76	273.4	45.9	5.2	238.4	45.2
OCT.	2.53	280.3	40.0	1.71	242.5	37.1
NOV.	2.56	287.5	36.0	0.87	244.6	37.9
DEC.	2.60	294.9	32.9	4.52	255.6	38.9
JAN.96	2.26	301.6	30.9	0.81	257.7	36.4
FEB.	1.91	307.4	28.5	2.26	263.5	32.0
MAR.	1.71	312.6	26.4	2.43	269.9	26.7
APR.	2.92	321.8	28.8	1.17	274.6	27.4
MAY.	12.46	361.8	42.2	14.89	315.4	45.7
JUN.	20.25	435.1	70.2	18.88	375	72.5
JUL.	23.33	536.6	106.7	32.98	498.6	126.4
AUG.	17.07	628.2	140.7	17.57	586.2	157.3
SEP.	18.77	746.1	172.9	13.24	660.4	183.7
OCT.	16.70	-	195.1			

Source: Agency for Economic Coordination & Development

Table A-1-6 CENTRAL EXCHANGE RATE, GROSS FOREIGN EXCHANGE RESERVERS

Indicators	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
Average monthly exchange rate												
BGL/1 USD												
	25.58	26.61	26.52	26.39	26.41	26.68	27.20	27.42	28.02	29.51	31.17	32.71
	36.32	37.36	64.94	56.88	55.59	53.65	53.30	57.18	61.20	64.92	65.03	65.52
	66.82	66.35	65.98	65.64	65.64	66.12	66.10	67.71	68.08	68.24	69.10	70.26
	72.53	74.59	77.94	81.55	119.53	143.1	180.14	191.78	223.565	224.29	283.39	461.16
BGL/1 DEM												
	16.23	16.28	16.29	16.72	16.54	15.72	15.83	16.43	17.42	17.48	18.16	18.98
	21.05	21.89	38.71	34.02	33.78	33.97	33.95	36.32	39.53	43.45	41.62	42.45
	43.57	44.13	46.90	47.51	46.65	47.20	47.58	46.94	46.49	48.21	48.83	48.87
	49.81	50.92	52.79	54.39	77.98	93.73	119.80	129.42	148.86	146.92	187.55	297.71
Gross foreign exchange reserves(MILL USD)												
	916.6	874.2	843.9	932.1	989.7	970.2	831.4	859.0	854.6	758.5	737.6	663.7
	610.1	584.7	635.6	918.3	1000.2	1124.4	572.0	529.8	742.2	891.0	942.7	1001.8
	899.0	977.3	1127.4	1304.3	1421.6	1499.5	1465.6	1450.6	1433.7	1465.4	1362.6	1236.4
	955.9	904.3	643.5	685.0	600.2	573.4	479.6	548.0	471.0	541.0	525.1	483.1

Source: EMB

Table A-1-7 FOREIGN TRADE TURNOVER

	1990	1991	1992	1993	1994	1995
Turnover(Mil.Leva)	20,874	102,501	195,814	234,401	443,205	682,740
Export	10,560	57,368	91,533	102,877	216,194	343,338
Import	10,315	45,132	104,281	131,523	227,010	339,402
Excess of exports over import(Mil.Leva)	245	12,236	-12,748	-28,646	-10,816	3,935
Exports as % of imports	102.4	127.1	87.8	78.2	95.2	101.2
Exchange rate; BGL per 1 USD	0.786	16.678	23.339	27.648	54.247	67.165

Source: NSI

Table A-1-8 OFFICIAL FOREIGN DEBT OF BULGARIA

Indicators	1993	1994	1995
Official foreign debt (total)	12,472	10,363	9,446
International financial institutions	1,157	1,825	1,657
Official creditors	1,368	1,408	1,528
Former COMCON creditors	611	1,591	846
Commercial banks and other private creditors	9,336	5,539	5,415
Coefficients of the official foreign debt and its service			
Foreign debt/GDP, %	115.4	103.4	76.4
Foreign debt/Exports of goods and services, %	249.9	188.2	141.4
Foreign debt service/ GDP, %	2.7	5.7	7
Foreign debt service/ Exports, %	7.9	14.4	17.3

Mil USD (source: BNB)

Table A-1-9 BULGARIA-IMF RELATIONS

Bulgaria-IMF relations (Mil.SDR)	Paid back		Future payment	
	1991-1994	1995-2000	July-Dec.96	1997-2000
Received loans	289.24	60.6	87.9	
1991		1992-93	1997	104.5
1992	200.28	1994	1998	114.0
1993	31.00	1995	1999	137.2
1994	232.47	Jan-July96	2000	75.9
Jul-96	80.00	Total	Total	519.5
Total	832.89	325.1		

Source: IMF

Table A-1-10 BULGARIA-PHARE MULTI-ANNUAL INDICATIVE PROGRAM 1996-99

	1996	1997	1998	1999	Total
1. EUROPEAN INTEGRATION	2	11	12	12	37
European integration, approximation of laws	2	4	3	3	12
Public administration, public finance, Third pillar (incl. justice, home affairs, customs)		3	3	3	9
Participation in EU programs		4	6	6	16
2. PRIVATE SECTOR DEVELOPMENT	1	22	20	17	60
privatization, restructuring SMEs, banking	a	14	13	10	37
regional development, telecoms and post					
tourism	1	3	3	3	10
agriculture		5	4	4	13
3. HUMAN RESOURCES AND SOCIAL DEVELOPMENT	13.5	16	16.5	16	62
civil society	1.5		2.5		4
labor market and social safety net		2	2	2	6
education, training, research and technology	10	9	5	7	31
health		5	5	5	15
culture, media, audiovisual	2		2	2	6
4. INFRASTRUCTURE	46	17	11	7	81
transport	30	2		2	34
conventional energy and nuclear safety	16	10	11		37
environment		5		5	10
Total	62.5	66	59.5	52	240

Source: EU PHARE

a: During 1996, further Phare support will be provided to the Government priority for Mass Privatization, which was launched in January 1996.

The Phare support, which will be financed under existing program (1991 and 1992 budgets), will amount to a maximum of 3.9 Mecu and will complement existing finance from the 1991 and 1994 budgets.

Table A-2-1 MAJOR EXPORTER AND IMPORTER
IN INTERNATIONAL TRADE OF BULGARIA

	Major exporters	Share %	Major importers	Share %
1	CIS	17.0	CIS	33.1
2	Russia	10.1	Russia	28.2
3	Germany	8.5	Germany	12.6
4	Macedonia	8.3	Italy	5.9
5	Italy	8.2	Greece	4.7
6	Turkey	7.3	Ukraine	3.4
7	Greece	6.9	Macedonia	3.4
8	Ukraine	3.6	Austria	2.8
9	United state	3	France	2.8
10	France	2.8	United Kingdom	2.5

Source: NSI

Table A-2-2 DIRECT FOREIGN INVESTMENT BY YEAR

Year	Number	Volume in US\$	% of total volume
1991	33	14,128,702	2.65
1992	38	50,727,798	9.53
1993	606	130,447,071	24.51
1994	2,279	234,003,217	43.96
1995	1,928	102,962,638	19.34
Total	4,884	532,269,427	100.00

(End of year)

Source: Foreign Investment Agency

Table A-2-3 DIRECT FOREIGN INVESTMENT BY SECTOR

Sector	Volume in US\$	% of total volume
Industry	194,568,651	36.55
Transport	107,612,032	20.22
Trade	104,351,782	19.61
Construction	28,703,262	5.39
Others	97,033,700	18.23
Total	532,269,427	100.00

Source: Foreign Investment Agency

Table A-2-4 DIRECT FOREIGN INVESTMENT BY COUNTRIES

Country	Number	Volume in US\$	% of total
Germany	225	204,372,924	38.4
Switzerland	78	41,646,753	7.82
Belgium	65	40,768,593	7.66
Greece	789	36,547,591	6.87
USA	151	33,907,332	6.37
Netherland	63	31,977,526	6.01
Austria	161	26,189,397	4.92
UK	97	23,224,400	4.36
CIS	323	13,486,172	2.53
France	66	11,665,257	2.19
Others	2,866	68,483,483	12.87
Total	4,884	532,269,427	100.00

Source: Foreign Investment Agency

A-3 Data for the Study Area

Table A-3-1 INDUSTRIAL PRODUCTION OF BLAGOEVGRAD REGION

Sectors	1993	1994	1995	1996 First Q.	Share(%)
Total	5,972,896	11,350,907	18,871,630	14,337,079	100.00
Electricity and heating production	461,568	646,893	1,110,152	0	0.00
Color metallurgy	127,955	188,336	269,083	0	0.00
Machine building and metal processing	1	139	1,888	7,740,313	53.99
Electrotechnical and electronic	275,172	471,389	648,221	271,732	1.90
Chemical and oil processing	462,632	796,002	1,208,214	319,109	2.23
Construction materials industry	388,346	1,020,392	1,750,526	584,043	4.07
Lumbering and wood-processing	187,801	283,835	413,724	164,835	1.15
Cellulose and paper industry	548,150	874,331	1,444,184	568,002	3.96
Glass and chinar industry	135,534	524,235	1,308,142	0	0.00
Textile and knitwear industry	151,036	458,435	666,385	241,689	1.69
Dress making	217,074	316,197	664,661	146,540	1.02
Fur and leather industry	217,572	528,510	817,019	341,234	2.38
Printing industry	17,089	29,658	39,168	16,072	0.11
Food processing industry	2,782,966	5,212,555	8,450,294	3,920,822	27.35
Other sectors of industry	0	0	79,969	22,688	0.16

Source: NSI

Table A-3-2 INDUSTRIAL PRODUCTION OF V.TARNOVO REGION

Sectors	1993	1994	1995	Share(%)
Total	8,388,604	27,592,690	16,517,784	100.00
Electricity and heating production	-	1,565,343	892,625	5.40
Color metallurgy	-	374,322	166,306	1.01
Machine building and metal processing	-	4,011,434	2,211,609	13.39
Electrotechnical and electronic	-	394,300	1,147,009	6.94
Chemical and oil processing	-	4,453,192	2,892,189	17.51
Construction materials industry	-	534,311	471,696	2.86
Lumbering and wood-processing	-	718,121	412,571	2.50
Cellulose and paper industry	-	2,094,054	1,134,880	6.87
Glass and chinair industry	-	426,901	194,896	1.18
Textile and knitwear industry	-	404,684	221,850	1.34
Dress making	-	187,101	101,124	0.61
Fur and leather industry	-	21,120	15,607	0.09
Printing industry	-	131,883	94,408	0.57
Food processing industry	-	12,134,787	6,360,140	38.50
Other sectors of industry	-	141,137	200,874	1.22

Source: NSI

Table A-3-3 INDUSTRIAL PRODUCTION OF SLIBEN AND JAMBOL REGION

Region	Sliben			Jambol				
	1993	1994	1995	1993	1994	1995	Share(%)	Share(%)
Sectors								
Total	4,654,377	7,632,354	11,579,182	3,090,784	5,427,764	8,307,731	100.00	100.00
Electricity and heating production	564,630	746,423	1,155,099	392,101	515,016	820,431	9.98	9.88
Color metallurgy	204,245	201,434	309,244	0	0	31,091	0.37	0.37
Machine building and metal processing	341,694	391,994	806,410	266,937	417,439	650,960	7.84	7.84
Electrotechnical and electronic	546,561	757,974	1,355,761	39,623	34,957	148,657	1.79	1.79
Chemical and oil processing	4,123	18,718	2,639	634,092	1,668,560	2,816,393	33.90	33.90
Construction materials industry	44,795	70,495	125,549	81,073	149,274	205,945	2.48	2.48
Lumbering and wood-processing	142,214	226,586	397,574	78,721	128,644	168,584	2.03	2.03
Cellulose and paper industry	0	0	0	0	0	0	0.00	0.00
Glass and chinair industry	152,847	290,346	511,425	0	0	0	0.00	0.00
Textile and knitwear industry	1,305,217	2,625,834	3,563,538	166,130	266,291	483,697	5.82	5.82
Dress making	46,373	72,745	122,608	18,419	51,370	116,227	1.40	1.40
Fur and leather industry	376	3,998	6,610	27,878	35,774	55,490	0.67	0.67
Printing industry	7,647	30,235	59,164	7,498	18,081	29,575	0.36	0.36
Food processing industry	1,242,740	2,183,040	3,156,842	1,340,559	2,125,348	2,636,514	31.74	31.74
Other sectors of industry	50,915	12,532	6,719	37,753	17,010	144,167	1.74	1.74

Source: NSI

Table A-3-4 NUMBER OF WORKER AND ANNUAL SALARY
BY EACH SECTOR IN BLAGORVGRAD REGION

Sector	1996		
	Average number of worker	%	Average Annual salary(Leva)
Total	63,112		88,640
Industry	27,933	44.3%	101,164
Construction	2,607	4.1%	84,620
Agriculture	1,563	2.5%	79,624
Forestry	1,321	2.1%	55,980
Transportation	1,768	2.8%	67,180
Communication	1,167	1.8%	98,900
Trade	1,807	2.9%	99,168
Housing & public service	1,827	2.9%	85,312
Science & Scientific service	107	0.2%	72,792
Education	11,146	17.7%	70,428
Culture & arts	877	1.4%	71,428
Health care, Sport, tourism	6,977	11.1%	72,060
Finance, credit & insurance	1,231	2.0%	166,156
Management	2,653	4.2%	79,776
Others	132	0.2%	68,688
Petrich Municipality	9,225	14.6%	85,060
Sandanski Municipality	7,388	11.7%	90,300

Source: NSI

Table A-3-5 NUMBER OF WORKER AND ANNUAL SALARY
BY EACH SECTOR IN V.TARNOV REGION

Sector	1995		
	Average number of worker	%	Average Annual salary(Leva)
Total	75,193		82,975
Industry	28,060	37.3%	89,086
Construction	2,736	3.6%	85,976
Agriculture	2,766	3.7%	71,017
Forestry	290	0.4%	70,089
Transportation	14,897	19.8%	100,453
Communication	1,780	2.4%	92,682
Trade	2,172	2.9%	82,981
Other material production	142	0.2%	74,676
Housing & public service	1,700	2.3%	70,711
Science & Scientific service	166	0.2%	76,829
Education	9,711	12.9%	67,452
Culture & arts	1,038	1.4%	60,202
Health care, Sport, tourism	7,017	9.3%	66,027
Finance, credit & insurance	898	1.2%	143,822
Management	2,112	2.8%	94,098
Others	8	0.0%	81,500

Table A-3-6 NUMBER OF WORKER AND ANNUAL SALARY BY EACH SECTOR
IN SLIVEN AND JAMBOL REGION

Sector	Sliven Region 1995			Jambol region 1995		
	Average number of worker	%	Average Annual salary(Leva)	Average number of worker	%	Average Annual salary(Leva)
Total	45,244		78,427	25,320		75,000
Industry	22,794	50.4%	83,768	9,625	38.0%	81,828
Construction	1,498	3.3%	80,977	1,164	4.6%	68,268
Agriculture	1,920	4.2%	67,408	584	2.3%	84,972
Forestry	483	1.1%	52,508	150	0.6%	63,372
Transportation	1,353	3.0%	66,251	1,160	4.6%	65,928
Communication	995	2.2%	94,522	776	3.1%	89,616
Trade	1,694	3.7%	79,885	669	2.6%	88,212
Other material production	184	0.4%	92,827	96	0.4%	61,584
Housing & public service	1,082	2.4%	65,192	898	3.5%	65,748
Science & Scientific service	6	0.0%	61,667	340	1.3%	91,236
Education	5,908	13.1%	63,111	4,756	18.8%	61,092
Culture & arts	605	1.3%	56,731	327	1.3%	61,260
Health care, Sport, tourism	4,689	10.4%	66,974	3,455	13.6%	64,308
Finance, credit & insurance	479	1.1%	173,365	338	1.3%	139,536
Management	1,546	3.4%	92,842	975	3.9%	94,098
Others	8	0.0%	57,604	7	0.0%	79,284
Sliven Municipality	34,229		80,700			
Nova Zagora Municipality	6,180		63,375			

Source: NSI

Table A-3-7. MAIN STATE-OWNED FOOD PROCESSING COMPANIES

Study Area	Name	Activity	Town	Management condition (Th. kv. 1995)			Privatization
				Assets	Profit	Accounts receivable	
Petrich	Petrichka Duglova	Canning	Petrich	54335		1495	
	Mesokombinat	Meat processing	Sandanski	4432		130	Will be mass privatized
	Mesokombinat	Meat processing	Petrich	10905		1919	Will be mass privatized
	Melo	Green house	Sandanski	41090		10571	
	Oranjerit	Green house	Petrich	467580		92665	
	Milachna promish	Dairy food	Petrich	6536		328	
Rossitsa	Agrostev	Agricultural construction	Petrich	3174		145	
	Zemla-90	Agrochemical service	Veliko Tarnovo	3677	292		
	Zarno	Feeding industry	Veliko Tarnovo				
	Vinprov	Wine industry	Veliko Tarnovo	22078	4227		Will be mass privatized
	Zaharna zavodi	Sugar processing	Gorna Oryahovitsa	193419	7384		Will be mass privatized
	Kamarka	Can industry	Gorna Oryahovitsa	39264		1397	
	Valts	Milling industry	Petrich Trambesh	19207	2323		
	Zlaken klas	Milling industry	Veliko Tarnovo	69012	4506		
	Prima M	Oil extraction industry	Petrich Trambesh	66703	29341		
	Rodopa	Meat processing	Veliko Tarnovo	255543		32546	Will be mass privatized
	Rodopa	Meat processing	Gorna Oryahovitsa	13546		610	
	Zemus	Agricultural mechanization	Veliko Tarnovo	11360		1241	
	Agromechanizatsia	Agricultural mechanization	Veliko Tarnovo	5425	198		
	Lactina	Dairy industry	Veliko Tarnovo	43923		9211	Will be privatized
	Velicotarnovsko pivno	Breweries	Veliko Tarnovo	82079	1178		Will be mass privatized
	Yantrex Prima	Poultry	Gorna Oryahovitsa	39549		5755	
	Sortovi semena	Seeds and seedlings Production	Gorna Oryahovitsa	11812	1001		
	Sortovi Semena	Seeds and seedlings Production	Veliko Tarnovo	14175	2224		
	Rousalka	Fish farming	Veliko Tarnovo	14551		74	Will be mass privatized
	Bulgarskie	Green house	Pavlikoni				Will be privatized
Nadezhda	Feeding industry	Gorna Oryahovitsa	43479	7771			
Tunja	Diana Agroserviz	Agro-chemical service	Yambol	13347		2206	
	Agrochimimpex	Agro-chemical service	Sliven	5450		236	
	Bios	Veterinary service	Sliven	16971		130	
	Vini	Wine industry	Sliven	245318	207		
	Zagorets	Canning industry	Nova Zagora	47530		79417	
	Frukto	Canning industry	Sliven	235211		2252	
	KK Yagoda	Canning industry	Yambol	209733		9821	
	Melnitsa	Milling industry	Nova Zagora	28661	5891		
	Bakadjik	Milling industry	Yambol	48967		19270	
	Rhodopa	Meat processing industry	Nova Zagora				
	Rhodopa	Meat processing industry	Sliven	178337		46155	
	Mesokombinat	Meat processing industry	Yambol	94218		15682	Will be mass privatized
	Rebra	Agricultural mechanization	Nova Zagora	16014		547	
	Mechaniziran Otyad	Agricultural mechanization	Yambol	5365	464		
	Bulgarsivct	Greenhouse farming	Sliven	46507		20882	Will be mass privatized
	Sardika	Dairy industry	Sliven	41910		3710	Will be mass privatized
	Lactis	Dairy industry	Nova Zagora	1422		3251	
	Kabile LB	Dairy industry	Yambol	209308		6621	Will be mass privatized
	Dabliino	Poultry	Yambol	137023		152632	
	Zagorsko Pile	Poultry	Nova Zagora	1882		812	
	Reproduktor po Svinovadstvo	Piggery	Yambol	46041	19456		
	Zagore	Piggery	Nova Zagora	6732		1659	
	Sortovi Semena	Seeds and seedling production	Yambol	18447		48999	
Sortovi Semena	Seeds and seedling production	Sliven	4516		36		
Ictalurus	Fish farming	Yambol	5952		14387		
Sliven Agro	Feeding industry	Sliven	42943		16597		

Source: MAFI

Table A-3-8. PRIVATIZED FOOD PROCESSING COMPANIES

Area	Name	Activity	Town	Part of Production
Rossitsa	Brigaden stan	Separate part of Zemla-90	Pavlikoni	16.94
Tunja	Poultry farm	Breeding	Nova Zagora	29.12.95
	Poultry meat processing	Meat processing	Nova Zagora	16.4.94
	Poultry incubator	Breeding	Sliven	30.12.93
	Reproduktor po Svinovadstvo	Pig breeding	Yambol	17.12.95

Source: MAFI

A-4 Data for the pilot project area

Table A-4-1 Population of Nova Zagora Municipality

	1993	1994	1995
Total	48,941	48,808	48,907
Town	26,367	26,746	26,658
Men	13,065	13,231	13,158
Women	13,302	13,515	13,500
Village	22,574	22,062	22,249
Men	11,189	10,936	10,997
Women	11,385	11,126	11,252

Source: Nova Zagora Municipality

Table A-4-2 Unemployment rate in Nova Zagora Municipality

	1993	1994	1995
Nova Zagora Muni	28.7	28.6	17.7

Source: Sliven office of NSI

Table A-4-3 Revenues from sales, production and services of agricultural enterprises in Nova Zagora Municipality

	1993	1994	1995	Share(%)
Total	333,935	372,011	653,856	100.0
Agricultural activities	315,623	355,557	602,682	92.2
plant growing	197,929	270,385	509,163	77.9
Stock breeding	100,290	68,069	68,360	10.5
Services	17,404	17,103	25,159	3.8
Revenues from other branch of material	18,312	16,454	51,174	7.8

Unit: Thousand leva

Source: Sliven office of NSI

Table A-4-4 Employment of public sector in Nova Zagora Municipality

	1993	1994	1995	1996
Total average number of empl	7,561	6,372	6,180	6,142
Industry	2,571	2,364	2,386	2,202
Construction	191	187	112	112
Agriculture	1,473	876	734	932
Forestry	59	30	50	28
Transport	146	116	102	104
Communication	-	-	-	-
Trade	431	286	279	250
Other material production	7	6	4	5
Housing	89	78	83	84
Science	-	-	-	-
Education	1,431	1,328	1,331	1,342
Culture & Art	71	89	89	89
Health care & Tourism	782	716	708	684
Financial & Credit	119	103	106	106
Management	188	191	196	204
Other sector of non-productio	3	2	-	-

Source: Nova Zagora Municipality

Table A-4-5 Employment of private sector in Nova Zagora Municipality

	1993	1994	1995
Nova Zagora Municipality	693	1174	1888

Source: Nova Zagora Municipality

Table A-4-6 Industrial Output in the Public Sector of Nova Zagora Municipality by Prices of the Previous Year

	1990	1991	1992	1993	1994	1995
Industrial Output	9(318,206	368,568	320,106	925,137	1,728,439	

Unit: Thousand lev; Source: Nova Zagora Municipality

A-5 other information

Appendix A-5-1 Privatization

The Bulgaria's government is proceeding with privatization of state-owned and municipality enterprises based on "The law on Transformation and Privatization of State-Owned and Municipal Enterprises" established in 1993.

As privatization procedures, there are two type of the procedure such as the privatization and mass privatization.

In 1993, the privatization of large enterprises started in 1993. Additionally from 1993, the government started discussion over a mass privatization program as an additional privatization method and a solution to insufficient financial resources and interest of Bulgarian and foreign investors towards the enterprises offered for privatization. The relative regulations and changes to the Privatization Law were adopted in 1994 and 1995 and first auctions will be held in September of 1996. The participants in privatization include Bulgarian and foreign natural and legal persons. While in mass privatization, only all resident Bulgarian citizens over 18 years old are eligible to participate in mass privatization with one investment voucher worth BGL 25000. They can participate in the bidding process individually or through privatization funds. In Bulgaria, Only 30 % of state assets are expected to be mass privatize.

The Privatization Agency is the State authority responsible for overseeing the privatization of State companies with assets in excess of BGL 70 million. The agency is managed by an executive director. A Supervisory Board of eleven members is appointed by Parliament and the Council of Ministers in accordance with respective nomination quotas. A Supervisory Board approves the decision for the privatization of enterprises with assets over BGL 500 million. Among the priority fields for privatization are: Tourism, food industry, agriculture, machine building and transport.

A list of SOEs which will be privatized through vouchers was adopted by the National Assembly. The list consists of approximately 1060 enterprises, of which 685 are industrial and 306 are agricultural and food processing companies. The fixed capital of the enterprises included in the list amounts to BGL 211 billion. Of this capital 42 % or an estimated BGL 89,830 million, will be offered for vouchers. Only a 25% share of large enterprises, including oil refineries, large chemical works and tourist resorts will be put up for mass privatization during the first stage. Up to 65 % share of

medium-size enterprise in which the state wishes to retain a controlling share will be offered for mass privatization while for most small and medium-sized enterprises, mainly in the food processing industry, this share will be 90%. Some 10% of the shares of the companies put up for mass privatization will be left to meet possible restitution claims. The residual part of the share will be offered to potential investors through a variety of other privatization methods, will remain temporarily or permanently state owned or may be included in the second wave of privatization. The Approximately 60% of the enterprises in the list of mass privatization are industry and 25% are agricultural and food processing companies.

Appendix A-5-2 Foreign Trade

Overview

The volume of foreign trade turnover in 1995, in leva terms at current prices, total BGL 682.7 billion, an increase of BGL 239.4 billion or 54% compare with 1994. Exports amounted to BGL 343.3 billion, increasing by BGL 127.1 billion (58.8%), and imports totaled BGL 339.4 billion, a BGL 112.4 billion increase (49.5%). The trade balance ran a surplus of BGL 3.9 billion in 1995, against a deficit of BGL-10.8 billion in 1994.

Foreign trade in Bulgarian has many difficulties, such as the crisis of the national economy, the late structural changes, the sudden changes of the exchange rate and the embargoes on former Yugoslavia and Iraq. After the collapse of COMECON, Bulgaria's foreign trade relationships were severed, resulting in more than a double decrease in turnover. Even the high rates of foreign trade turnover in 1995 remained far below the level attained in the late 80s.

Geographic structure of exports and imports

The Bulgarian economy is one of the most open the economies in transition. Foreign trade turnover accounts for about 80 per cent of GDP in 1995. Bulgaria's major trading partners are Russia, Germany, Ukraine, the former Yugoslav Republic of Macedonia and Italy. In 1994, the economy signed trade agreements with the EU and the European Free Trade Association (EFTA), which facilitated the restructuring of Bulgarian foreign trade. About 50 % of foreign trade in 1995 was with OECD countries. Central and Eastern European countries account for about 30% of the exports and 40% of the import. After transition to market oriented market economy, the

geographic structure of foreign trade was extended to west countries. However, Bulgaria's foreign trade was thrown out into sever competitive market condition requesting high quality and cost-effectiveness in both west markets and former COMECON markets.

In recent years, exports to the Balkan region have increased rapidly. Much of the increase in the share to these countries was the result of exports to Macedonia. Trade with Arab countries, despite the modest growth in 1995, remained far below the previous year's levels. Bulgaria's former main trading partners, Iraq and Libya are still facing embargo sanction.

Commodity structure of exports and imports.

The man commodities of export are the agricultural, chemical, food processing and metallurgical industries. Before 1989, Bulgaria was export oriented countries targeted to COMECON countries and exports of agricultural and agricultural processing products, machine and, electronic instrument and parts support to Bulgaria's economy. Due to lose of former CMECON market and the late privatization, the production of Agricultural and its processing, and industry were sever damage. Drastic decrease of the production make Bulgaria fall down to the country import the Agricultural products.

To recover the national economy, promotion of export, especially for agricultural sector is one of the preference in national policy.

All commodity groups increased their absolute volumes in exports. Vegetable and animal produce, food, drink and tobacco garnered the largest share (22.3%-a 0.9% points increase from 1994), followed by base metals (20%-a 0.6% points decrease), and chemical products (19.1%- a 2.9% point increase). In 1995, only the group of animal and vegetable products, food, drink, and tobacco reduced its share (12.1%) in imports in terms of absolute volumes. The other commodity groups including products of food industry (its share is 11.8%) increased their share.

Appendix A-5-3 Foreign Direct Investment

Since the beginning of the reforms, Bulgaria has attracted around USD 850 million in foreign investments, of which USD 532 million are in direct investments, USD 120

million committed under the terms of privatization contracts. USD 150 million in indirect investments were attracted up to the end of 1995.

The largest deals are Anylum (Tzaramil OOD) with USD 20 million and with a further USD 20 million investment, Willi Betze Int. Sp. with USD 55 millions and USD 48 million additional investment, Brewinvest, Kraft Jacobs Suchard with USD 2 million and USD 10 million additional investment, Nestle S.A. with USD 2.1 million and USD 7 million additional investment, and others.

The most attractive sectors for foreign investment are food processing industry, tourism, transport, and construction.

-The structure of the foreign investments by sectors differs from the countries in Central and Eastern Europe. This is caused mainly by the strategic geographical position of the country. Transport is one of the most attractive sector for investors.

-As a result of the slow procedure for restructuring, privatization and forming a joint ventures the share of foreign investment in industry is lower than all ex-communist countries. Industry is not yet affected by foreign investments.

-Trade still takes an important place in the structure of foreign investments in Bulgaria.

It is necessary to substantiate the sectoral priorities in attracting foreign investments according to plans for restructuring of ministries and committees.

During 1995 no significant changes occurred in the structure of foreign investment by countries. Investments from Germany still amount to 38.4% of the total size of foreign investment but this is a result the small volume of investments from other countries rather than an increase of investment in 1995. Furthermore, the volume of German investment remained at about USD 200 million. Positive changes occurred in the flow of Greek investment which rose during 1995 and Greece went up to the fourth place. This is due mainly to the increase of the capital of the already established joint ventures with Greek participation.

As a whole the decrease of direct foreign investment is due to the insignificant number of new deals. New investments came from follow-in investments in already

established joint ventures with foreign participation.

Appendix A-5-4 Food processing companies in Nova Zagora

1. Canning Industry

1) Zagorets(Private)

Tomato puree, vegetable cans, meat and vegetable cans, comports, jams

2. Milling industry

1) Melnitsa Nova Zagora EDA(State-owned)

Produces flours, milling services for the population on grain exchanges, buy and sales bread and feed grain

2) Melnisa Dounav-Nova Zagora(Private)

Produces flours, milling services for the population on grain exchanges, buy and sales bread and feed grain excluding storage

3) Melnisa, village of Elenovo(Private)

Produces flours, milling services for the population on grain exchanges, buy and sales bread and feed grain

4) Cooperative for production of feed mixture-Nova Zagora(State, Municipality and private)

Feed mixtures for cattle, pigs and poultry

5) Milling complex "H.Dimitar", Branch in Mlekorevo(Private)

Flour, milling services for the population for grain exchange, feed mixtures for cattle, pigs and poultry.

6) Land o Lake Cooperative, Nova Zagora(Private)

Feed mixtures for cattle, pigs and poultry

3. Butter Production

1) ET 'Gaitek'-Oliva, Nova Zagora(Private)

2) ET 'AFST', Kazanlak, Nova Zagora branch(Private)

3) ET 'Zheko oliva oil', Mlekarevo(Private)

Produce sunflower oil

4. Meat production

1) ET 'Montana 94-Stayko staykov'-Nova Zagora(Private)

Produce cooled meats

2) Megakol cooperative-Nova Zagora(Private)

Meat, short and long life salami and meat delicacies

3) ET Agromedispecial-Nova Zagora(Private)

Short, long life salami, meat and viscera

4) VPJK Kometa-Nova Zagora(Private)

Meat, Vicera, short and long life salami

5. Daily products producer

1) Mlecheu pat AD (Milk Way)-Nova Zagora(State and private)

Cow and feta cheese, yellow cheese, butter, daily delicacies

2) ET Deltalakt-Village of Stoil Voivoda (Private)

Cow and feta cheese, yellow cheese, butter

3) ET Kodjakafaliev-Valko Valkov, Village of Sadievo(Private)

Yoghurt for consumption, cow and feta cheese

6. Wine production

1) DF Vini-Sliven, Nova Zagora branch(State-owned)

White and red wines, high alcoholic beverage

2) Wine cellar-village of Korten(Coop and state)

Table A-5-5 AGRARIAN REFORM (LAND RESTITUTION) BY REGIONS RELATED TO STUDY AREA

Category	Whole Country	Sofia Region (Petrich)	Lovech Region (Rositza)	Bourgas Region (Sredna Tundja)
Number of Village	4,896	886	591	487
Issued resolutions for restituted ownership rights on farmland	nos	191,874	137,811	32,920
in existing or retracable old actual boundaries	ha	298,008	181,173	33,801
Issued resolutions for restitution of ownership rights through	nos	168,858	285,080	184,022
Land Division	ha	273,886	731,778	650,349
Issued resolutions for allocation only the rights to use farmland	nos	59,925	97,541	107,165
	ha	95,856	263,022	293,556
Newly established cooperatives after amendment and enforcement				
of the Land Law (through a Degree of the Council of Ministers)	nos	232	454	455
Arable land within the frames of these cooperatives	ha	58,410	411,020	430,523
Including:	nos	228	442	425
Registered cooperatives	ha	57,607	406,391	416,300
Arable land				

Note: Recorded by July 26, 1996

Data source: NSI and MAFI

Table A-5-6 LAND RESTITUTION RELATED TO THE PILOT PROJECT AREA

Municipality (Village)	Total area of agricultural land		Issued resolutions for allocation only the rights to use farmland			Private farm area		Production co-operatives area	
	(dka)	(nos)	(dka)	av. area (dka)	(dka)	(dka)	(nos)	(dka)	(dka)
Asenovetz	10,669	615	10,669	17.3	2,869	1	7,800		
Bryastovo	6,020	256	6,020	23.5	2,078	1	3,942		
Zagortzi	26,535	729	26,535	36.4	1,100	2	25,435		
Karanovo	14,275	392	14,275	36.4	10,760	1	3,515		
Konten	27,300	2,472	27,300	11.0	2,716	2	24,584		
Lubenez	21,031	650	21,031	32.4	5,313	2	15,718		
Nova Zagora	15,659	704	15,659	22.2	15,659	0	0		
Stoil Voivoda	32,275	1,348	32,275	23.9	10,416	2	21,859		
Sabrano	17,672	463	17,672	38.2	540	1	17,132		
Total	171,436	7,629	171,436	26.8	51,451	12	119,985		
Bogdanovo*	16,366	1,006	16,366	16.3	1,946	2	14,420		
Nova Zagora Municipality (the whole area)**									
Total	606,602	10,787	309,195	28.7			45		

Note: * Only 900 dka includes in the pilot project area.

** Issued resolutions for restitution of ownership rights:

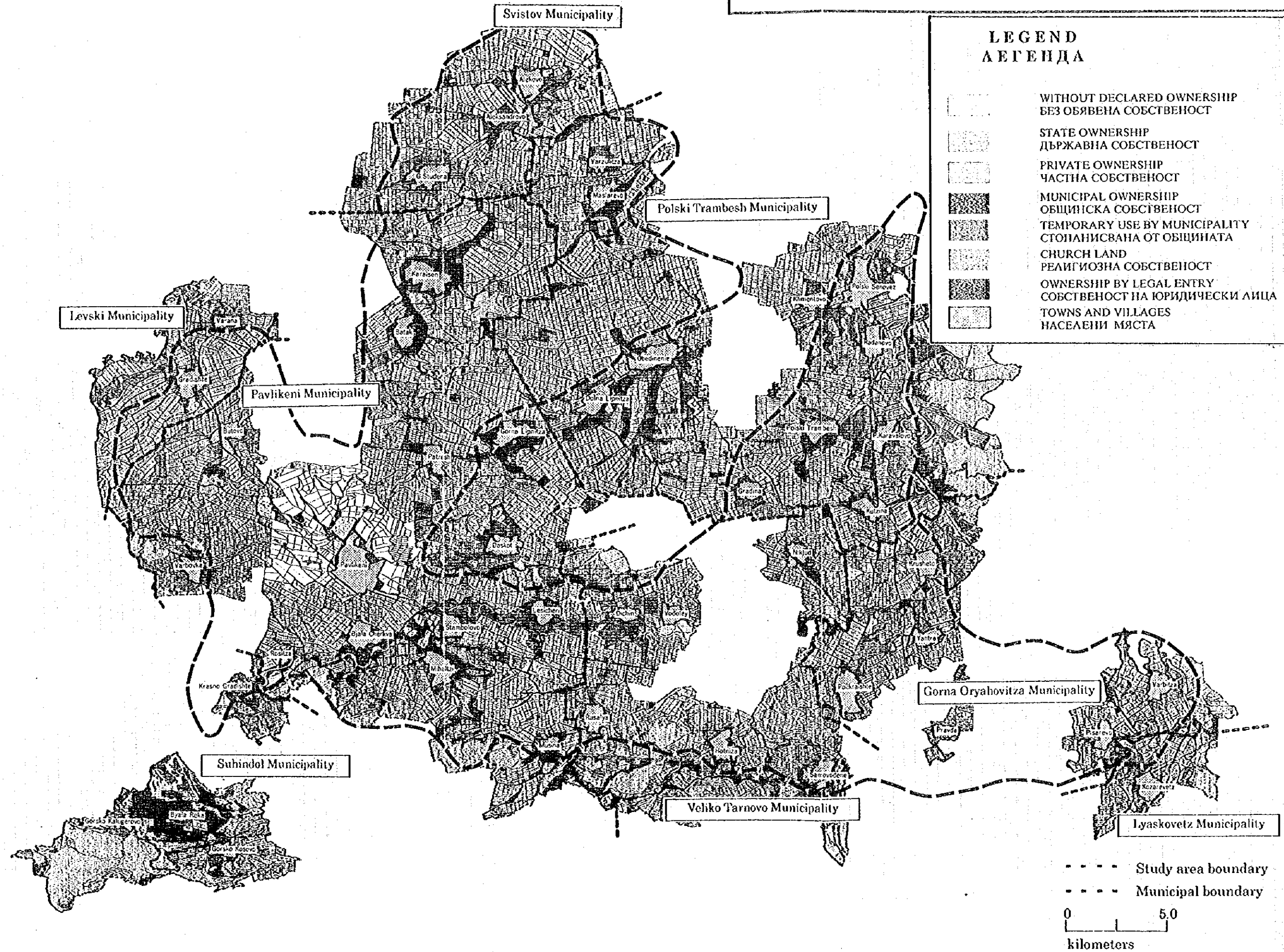
nos: 1,348

area (dka): 106,030

Data source: Nova Zagora Municipal Land Committee, as of November 13, 1996

FIGURE A-1

LAND OWNERSHIP MAP OF ROSITZA STUDY AREA



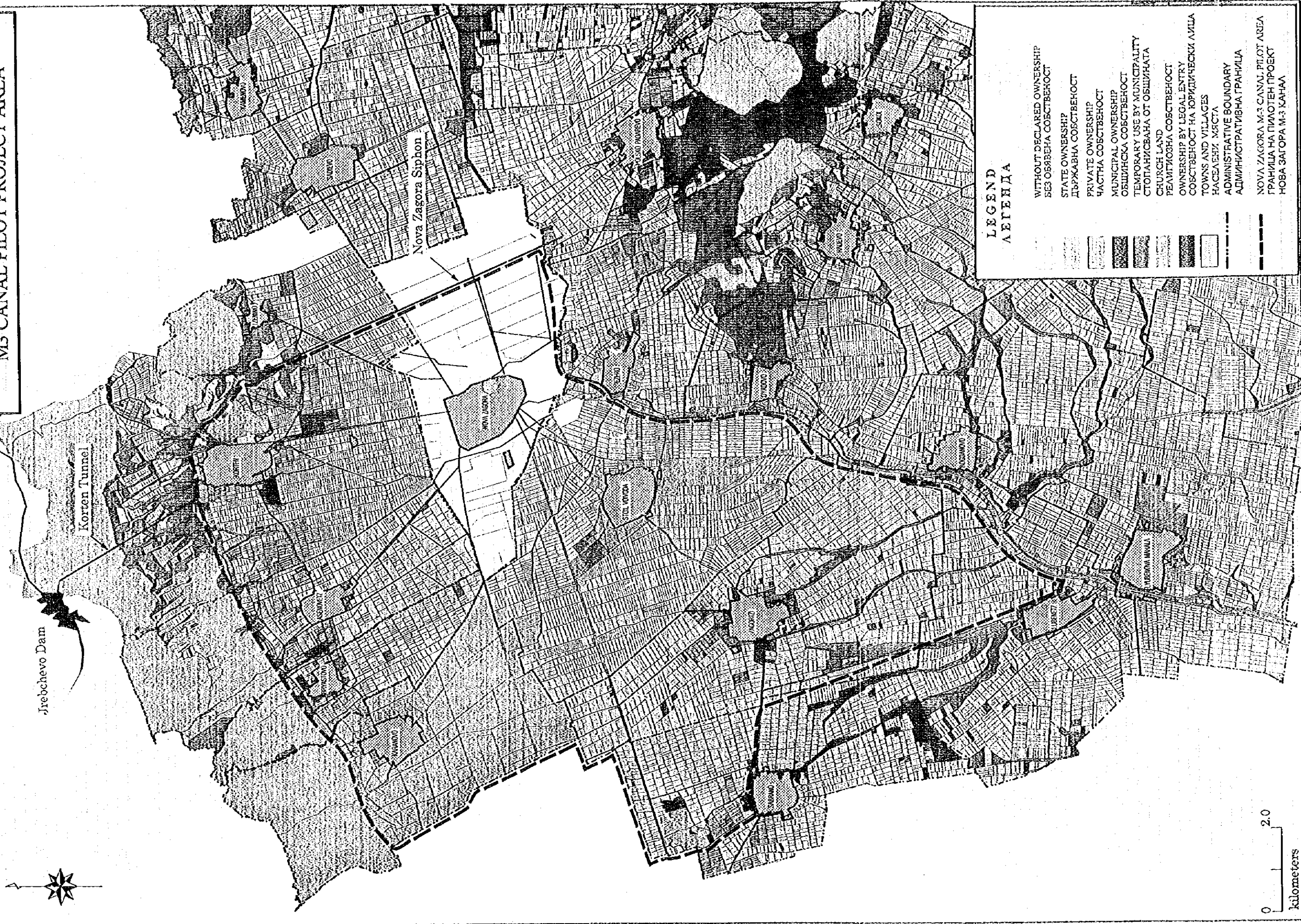
LEGEND
ЛЕГЕНДА

- WITHOUT DECLARED OWNERSHIP
БЕЗ ОБЯВЕНА СОБСТВЕНОСТ
- STATE OWNERSHIP
ДЪРЖАВНА СОБСТВЕНОСТ
- PRIVATE OWNERSHIP
ЧАСТНА СОБСТВЕНОСТ
- MUNICIPAL OWNERSHIP
ОБЩИНСКА СОБСТВЕНОСТ
- TEMPORARY USE BY MUNICIPALITY
СТОПАНИСВАНА ОТ ОБЩИНАТА
- CHURCH LAND
РЕЛИГИОЗНА СОБСТВЕНОСТ
- OWNERSHIP BY LEGAL ENTRY
СОБСТВЕНОСТ НА ЮРИДИЧЕСКИ ЛИЦА
- TOWNS AND VILLAGES
НАСЕЛЕНИ МЯСТА

- Study area boundary
- Municipal boundary
- 0 5.0
kilometers

FIGURE A-2

LAND OWNERSHIP MAP OF NOVA ZAGORA
M3 CANAL PILOT PROJECT AREA



LEGEND
ЛЕГЕНДА

- WITHOUT DECLARED OWNERSHIP
БЕЗ ОБЯВЕНА СОБСТВЕНОСТ
- STATE OWNERSHIP
ДЪРЖАВНА СОБСТВЕНОСТ
- PRIVATE OWNERSHIP
ЧАСТНА СОБСТВЕНОСТ
- MUNICIPAL OWNERSHIP
ОБЩИНСКА СОБСТВЕНОСТ
- TEMPORARY USE BY MUNICIPALITY
СТОПАНИСВАНА ОТ ОБЩИНАТА
- CHURCH LAND
РЕЛИГИОЗНА СОБСТВЕНОСТ
- OWNERSHIP BY LEGAL ENTRY
СОБСТВЕНОСТ НА ЮРИДИЧЕСКИ ЛИЦА
- TOWNS AND VILLAGES
НАСЕЛЕНИ МЯСТА
- ADMINISTRATIVE BOUNDARY
ГРАНИЦА НА ПИЛОТЕН ПРОЕКТ
- NOVA ZAGORA M3 CANAL PILOT AREA
НОВА ЗАГОРА М-3 КАНАЛ

0 1 2.0
kilometers

APPENDIX B
RURAL SOCIETY

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B-1 Number of People (total, EAP and unemployed) in the Study Areas reviewed by settlements in the respective municipality

Table B-1-1. Population in Bulgaria between 1989-1995 and Prognosis until the Year of 2010.(Thousands of People)

Year	Total	Age		
		Below EAP	In EAP	Above EAP
1989	8767	1940	4852	1975
1990	8669	1876	4806	1987
1991	8596	1876	4781	1999
1992	8485	1742	4733	2010
1993	8460	1697	4739	2024
1994	8427	1650	4741	2036
1995	8385	1598	4745	2041
2000	8000	1364	4596	2040
2005	7759	1169	4493	2097
2010	7527	1074	4283	2168

Source : the National Statistical Institute

Table B-1-2. Number of People in the Settlements of Petrich Study Area, 11,000 ha

	Total	EAP	Unemployed
For the whole study area	58603	30724	4397
No			
1 Petrich Municipality	57829	29815	4102
1.1. Belasitza	1252	619	29
1.2. Gabrene	986	407	35
1.3. General Todorov	776	435	51
1.4. Dolno Spanchevo	191	102	6
1.5. Drangovo	522	277	76
1.6. Kavradkovo	1480	799	78
1.7. Kamena	421	154	20
1.8. Kapatovo	310	157	10
1.9. Klyuch	1267	769	15
1.10. Kolarovo	2452	1116	207
1.11. Kremldovo	220	69	11
1.12. Kulata	939	468	26
1.13. Karnalevo	2108	1028	90
1.14. Marikostenevo	1448	761	76
1.15. Marico Pole	267	168	0
1.16. Mitino	349	199	59
1.17. Mihnevo	1334	754	58
1.18. Novo Konopladi	286	137	0
1.19. Paryomal	3357	1705	124
1.20. Petrich	27659	13736	2644
1.21. Ribnik	258	135	30
1.22. Rupite	1340	609	27
1.23. Rajdak	293	163	44
1.24. Samoikovo	899	483	49
1.25. Skrat	1278	652	113
1.26. Starchevo	835	369	5
1.27. Strumeshnitsa	420	215	5
1.28. Topolnitsa	880	511	28
1.29. Chuchuligovo	240	105	17
1.30. Yavornitsa	1213	567	39
Total for the target area	52776	27669	3972
2 Sandanski* Municipality	45097	22104	4654
2.1. Vranja	234	205	11
2.2. Zornitsa	106	53	10
2.3. Kalimantzi	361	172	50
2.4. Katuntri	1864	941	142
2.5. Levunovo	902	422	89
2.6. Lozenitsa	144	72	1
2.7. Novo Dekhevo	1318	643	84
2.8. Novo Hodjovo	149	82	7
2.9. Spatovo	176	170	2
2.10. Hotovo	178	103	3
2.11. Harsovo	395	192	26
Total for the target area	5827	3055	425

Source : the National Statistical Institute, the 1992 Census

Note : * The asterisk denotes a municipal center out of target area

Table B-1-3. Number of People in the Settlements of Rositzka Study Area, 50,700 ha

	Total	EAP	Unemployed
For the whole study area	76029	32063	5744
No			
1 V. Tarnovo* Municipality	93796	44516	5691
1.1. Vodoley	820	321	65
1.2. Dichin	497	215	16
1.3. Nikjup	664	166	22
1.4. Resen	2784	1202	234
1.5. Rusalya	432	90	42
1.6. Samovodeno	2084	900	102
1.7. Hotnitza	480	69	9
Total for the target area	7761	2963	490
2 G. Oryahovitza* Municipality	58904	28293	4154
2.1. Varbitza	1223	548	78
2.2. D. Oryahovitza	3611	1779	315
2.3. Draganovo	3167	1312	355
2.4. Krusheto	1134	435	156
2.5. Parvomaitzi	3649	1596	190
2.6. Pisarevo	1090	530	83
2.7. Polikraishte	2524	1239	265
2.8. Pravda	754	336	27
2.9 Yantra	654	239	71
Total for the target area	17806	8014	1540
3 Pavlikeni	33795	14467	2452
3.1. Batak	1057	425	81
3.2. Butovo	1052	473	72
3.3. Bjala Cherkva	3203	1445	313
3.4. Vishovgrad	558	167	7
3.5. Varbovka	1600	572	158
3.6. G. Lipnitza	919	313	50
3.7. Daskot	609	149	32
3.8. Karaisen	1743	699	142
3.9. Lesicheri	784	288	11
3.10. Mihaltzi	1049	331	54
3.11. Musina	325	81	27
3.12. Nodan	1828	762	204
3.13. Pavlikeni	14585	7114	983
3.14. Patresh	844	408	47
3.15. Rositza	264	84	22
3.16. Stanbolovo	976	400	102
Total for the target area	31393	13711	2305
4 Polski Trambesh Municipality	20910	10059	1676
4.1. Varzulitza	375	112	8
4.2. D. Lipnitza	1413	452	73
4.3. Gradina	447	81	7
4.4. Kutzina	921	279	42
4.5. Maslarevo	1164	521	18
4.6. Obedinenie	1303	337	39
4.7. Petko Karavelovo	1919	816	123
4.8. Polski Senovetz	1386	514	21
4.9. Polski Trambesh	5471	2644	539
4.10. Radanovo	1994	830	288
Total for the target area	16423	6616	1158
5 Svishtov* Municipality	50177	18097	3307
5.1. Aleksandrovo	352	121	55
5.2. G. Studena	870	243	58
Total for the target area	1222	364	113
6 Levski* Municipality			
6.1. Gradishte			
6.2. Varana			

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Continued from Page B-3

Total for the target area			
7 <i>Lyaskovetz</i> * Municipality	17479	6118	1666
7.1. Kozarevetz	1282	493	127
Total for the target area	1282	366	127
8 <i>Suhindol</i> * Municipality	3912	1428	178
8.1. Krasno Gradishte	142	40	11
Total for the target area	142	29	11

Source : the National Statistical Institute, the 1992 Census

Note : * The asterisk denotes a municipal center out of target area

Table B-1-4. Number of People in the Settlements of Sr. Tundja Study Area, 97,000 ha

	Total	EAP	Unemployed
For the whole study area	91908	41303	8291
No			
1 Sliven* Municipality	114097	68597	13181
1.1. Bikovo	429	119	19
1.2. Blatetz	966	426	107
1.3. Bozadjii	129	38	17
1.4. Gergevetz	757	330	106
1.5. Glushnik	375	139	32
1.6. G. Aleksandrovo	766	239	122
1.7. Dragodanovo	627	198	42
1.8. Zelu Voivoda	2661	1224	258
1.9. Zlati Voivoda	1148	497	169
1.10. Kaloyanovo	568	220	60
1.11. Kamen	1177	487	167
1.12. Kermen	2310	1078	272
1.13. Kovachite	1173	599	80
1.14. Krushare	2095	974	448
1.15. Mechkarevo	632	260	24
1.16. Mladovo	757	279	35
1.17. Panaretovtzi	410	175	28
1.18. Samoilovo	1942	961	391
1.19. Skobelovo	514	171	20
1.20. Topolchane	2591	1126	324
1.21. Trapokolovo	465	153	24
1.22. Chintulovo	998	412	162
Total for the target area	23160	10108	2907
2 Nova Zagora Municipality	49566	22971	3743
2.1. Aconovetz	724	362	35
2.2. Bogdanovo	422	186	12
2.3. Bryastovo	395	191	20
2.4. Grafitovo	14	2	0
2.5. Dyadovo	198	208	12
2.6. Ezero	593	350	36
2.7. Zagortzi	518	225	22
2.8. Kamenovo	627	311	7
2.9. Karanovo	816	397	70
2.10. Konyovo	1140	447	99
2.11. Korten	2108	1111	138
2.12. Lubenetz	575	246	11
2.13. Lyubenovo Mahala	1188	645	82
2.14. Mlekarevo	996	485	60
2.15. Nova Zagora	26932	12968	2553
2.16. Omarchevo	610	258	17
2.17. Pet Mogili	934	506	33
2.18. Pitovo	631	251	20
2.19. Polsko Padarevo	482	183	11
2.20. Radevo	393	151	10
2.21. Sokol	337	143	14
2.22. Stoil Voivoda	830	380	43
2.23. Sabrano	511	213	11
2.24. Sadievo	897	375	65
2.25. Tzenino	167	43	5
Total for the target area	43311	20637	3389
3 Tundja Municipality	34111	13920	1818
3.1. Bezmer	1529	595	100
3.2. Bolyarsko	491	170	21
3.3. Bolevo	1350	566	47
3.4. Boyadjik	1831	771	147
3.5. Veselinovo	1085	481	76
3.6. Galabintzi	626	203	38
3.7. Zavoi	935	371	65
3.8. General Inzovo	1482	709	72
3.9. Roza	1587	729	86
3.10. Tenevo	2295	1015	189
3.11. Hanovo	995	331	42

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Continued from Page B-5

Total for the target area	14209	5911	883
4 Straldja Municipality	18331	8719	1313
4.1. Atolovo	243	68	15
4.2. Vodenichene	672	223	29
4.3. Zimnitza	2200	051	125
4.4. Lozenelz	651	246	32
4.5. Straldja	6711	2932	829
4.6. Charđa	418	197	82
Total for the target area	10898	4617	1112

Source : the National Statistical Institute, the 1992 Census

Note : * The asterisk denotes a municipal center out of target area

B-2 Population Characteristics of the Study Areas

Table B-2-1. Population Characteristics, Division by Blocks: Petrich Study Area

No Settlement	Population Distribution by Age																
	Total*	Number of people		Number of People (Age Groups)													
	Total*	EAP	Unemployed	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	>60
1.1. Belasitza	1252	619	29	1237	78	90	68	106	112	83	82	70	81	89	96	81	201
1.2. Gabrene	986	407	36	808	51	66	65	65	67	60	49	52	53	50	49	52	129
1.3. General Todorov	776	435	51	817	59	50	68	46	62	53	57	49	56	56	74	33	133
1.4. Delno Spanchevo	191	102	6	189	6	4	3	5	15	7	4	5	9	15	22	21	73
1.5. Drangovo	522	277	76	545	26	34	50	42	46	42	39	38	29	35	52	45	67
1.6. Kavrakirovo	1480	799	78	1491	130	149	116	129	127	125	108	91	97	75	88	83	172
1.7. Kamena	421	154	20	392	36	24	18	29	34	31	29	21	13	19	25	28	65
1.8. Kapatovo	310	157	10	301	9	3	9	21	15	5	7	7	18	32	37	27	111
1.9. Klyuch	1267	769	15	1210	99	85	63	70	106	85	87	68	62	82	84	92	227
1.10. Kolarovo	2452	1116	207	2335	173	174	181	177	201	158	183	156	144	135	141	163	359
1.11. Kremidovo	220	69	11	224	4	5	4	12	12	4	6	7	8	18	23	33	88
1.12. Kulata	939	468	26	997	54	54	78	50	55	66	69	63	38	54	82	95	219
1.13. Karnalovo	2108	1028	90	2005	120	135	178	122	138	125	171	146	112	136	140	151	331
1.14. Marikostenevo	1448	761	76	1398	86	84	69	79	111	100	92	70	85	111	155	113	243
1.15. Marino Pole	267	168	0	350	21	19	18	21	21	21	21	14	19	28	45	27	75
1.16. Mitino	349	199	59	377	41	24	25	25	32	32	16	24	22	26	25	26	53
1.17. Mihnevo	1334	754	58	1337	98	111	101	110	82	94	86	97	109	82	81	87	199
1.18. Novo Konomladi	286	137	0	276	16	12	19	3	10	22	15	9	4	18	25	34	89
1.19. Parvomai	3357	1705	124	2920	271	232	246	249	271	284	199	228	207	214	174	118	227
1.20. Petrich	32628	13736	2644	27659	1876	2071	2334	2407	2028	2051	2108	2252	2068	1701	1477	1516	3770
1.21. Ribnik	258	135	30	253	14	4	9	22	30	13	4	7	23	30	22	22	53
1.22. Rupite	1340	609	27	1212	72	81	82	75	95	93	70	77	82	87	88	83	227
1.23. Rajdak	293	163	44	321	21	26	17	29	24	31	17	13	18	25	30	24	46
1.24. Sameilovo	899	483	49	902	48	77	64	69	72	75	70	67	60	63	43	55	129
1.25. Skrat	1278	652	113	1266	85	89	98	102	123	68	75	97	82	79	79	68	221
1.26. Sarchevo	835	369	5	798	46	59	38	36	67	75	51	38	30	44	69	87	158
1.27. Sarumeshaitza	420	215	5	363	41	25	18	32	49	35	19	14	22	25	25	22	36
1.28. Topolnitsa	880	511	28	876	67	52	46	57	81	77	56	38	48	73	84	79	120
1.29. Chuchuligovo	240	105	17	262	18	10	14	9	12	14	10	19	12	23	23	29	69
1.30. Yavornitsa	1213	567	39	1074	87	109	87	95	103	94	75	68	53	55	34	63	151
1.31. Vranja	234	205	11	288	6	3	0	7	20	9	4	9	10	22	20	27	101
1.32. Zornitsa	106	53	10	104	1	10	9	11	13	5	7	3	7	4	13	8	13

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Continued from Page B-7

1.33. Kalimantzi	361	172	50	371	17	11	16	25	25	12	19	18	31	22	39	31	105
1.34. Katuntzi	1864	941	142	2045	114	121	155	116	123	106	127	110	128	129	156	186	474
1.35. Levunovo	902	422	89	897	70	38	24	45	71	68	44	27	45	67	91	86	221
1.36. Lozonitza	144	72	1	151	6	8	2	1	5	5	2	1	6	5	29	17	54
1.37. Novo Delchevo	1318	643	84	1360	90	78	100	85	115	87	97	109	99	103	84	79	234
1.38. Novo Hodjovo	149	82	7	176	3	1	4	5	6	8	3	1	7	6	22	22	88
1.39. Spatovo	176	170	2	191	9	4	1	10	10	9	7	6	5	13	27	22	68
1.40. Hotovo	178	103	3	172	1	0	4	1	3	5	6	5	8	8	11	28	92
1.41. Harsovo	395	192	26	438	17	9	5	13	15	20	16	12	20	26	45	50	190
Total for the target area	66076	30724	4397	60340	4087	4241	4506	4613	4608	4357	4207	4214	4023	3885	2929	3903	9742

Source : the National Statistical Institute, the 1992 Census, except Total* 1995 Column

Note: * denotes a column with the total number of people prior to August, 1995; source Nova Zagora Municipality

Table B-2-2. Population Characteristics, Division by Blocks : Rositza Study Area - North Main Canal

No. Settlement	1. North Main Canal		Population Distribution by Age															
	Total*	Number of people EAP Unemployed	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	>60		
1.1. Batak	1057	425	1106	90	65	60	47	63	65	50	50	42	62	75	94	343		
1.2. Butovo	1052	473	1309	62	67	72	55	58	67	67	70	75	91	75	92	453		
1.3. Varbovka	1600	572	1529	91	136	93	108	97	81	108	83	72	65	78	69	458		
1.4. G. Lipnitsa	919	313	974	11	9	11	24	34	20	16	18	25	35	72	118	581		
1.5. Karaisen	1743	699	1952	47	66	82	129	83	70	70	79	85	110	128	185	818		
1.6. Nedan	1828	762	1893	109	80	79	100	122	99	79	82	97	122	124	125	675		
1.7. Paviukeni	14585	7114	13996	741	927	1040	1207	830	863	990	1172	1223	1005	761	746	2491		
1.8. Patresh	844	408	968	22	22	22	27	35	23	30	30	53	70	64	84	486		
1.9. Rositza	261	84	268	14	1	7	3	12	15	7	9	13	12	13	26	126		
1.10. Varzulitsa	375	112	375	9	8	5	6	11	14	11	18	12	10	23	47	201		
1.11. D. Lipnitsa	1443	452	1443	28	38	45	37	34	44	41	42	58	86	118	178	694		
1.12. Maslarevo	1164	521	1164	27	43	45	19	43	32	47	75	78	88	100	113	454		
1.13. Obedinonic	1303	337	1303	29	40	32	37	35	32	33	38	45	45	93	101	743		
1.14. Aleksandrovo	352	121	352	10	12	13	15	22	7	10	16	14	25	23	43	142		
1.15. G. Studena	870	243	870	17	30	19	21	21	21	29	29	34	41	74	92	442		
Total for the target area	29396	12636	29492	1307	1534	1625	1835	1500	1453	1588	1811	1926	1867	1821	2113	9107		

Source : the National Statistical Institute, the 1992 Census, except Total* 1995 Column

Note: * denotes a column with the total number of people prior to August, 1995, source Nova Zagora Municipality

Table B-2-3. Population Characteristics, Division by Blocks : Rosizza Study Area - Main Left Nikyupski Canal
Population Distribution by Age

No	Settlement	Total *		Number of people (Age Groups)														
		Total	EAP	Unemployed	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	>60
2.1.	Vodoley	820	321	65	806	44	41	52	56	40	42	34	36	38	31	44	72	276
2.2.	Dichun	497	215	16	584	16	19	19	18	13	16	25	12	15	17	36	56	322
2.3.	Nikyup	664	166	22	669	17	9	12	15	19	15	13	20	20	23	40	73	393
2.4.	Krusheto	1134	435	156	1099	58	58	55	61	69	56	33	63	82	64	63	95	342
2.5.	Bjala-Cherkva	3203	1445	313	3266	208	248	217	198	184	193	248	210	189	158	175	226	822
2.6.	Daskot	609	149	32	644	19	18	20	15	15	19	17	20	21	24	25	54	377
2.7.	Losicheri	784	288	11	818	25	34	16	18	37	28	27	27	51	44	50	73	388
2.8.	Gradina	447	81	7	447	7	1	5	3	7	7	4	4	9	13	17	46	321
2.9.	Kutzina	921	279	42	921	50	34	40	35	40	37	38	35	44	43	55	77	398
2.10.	Petko Karavelovo	1919	816	123	1919	125	109	114	120	142	87	105	111	112	116	113	158	507
2.11.	Poliski Senovetz	1386	544	21	1386	39	32	26	21	38	30	34	50	57	83	105	184	687
2.12.	Poliski Trambesh	5471	2644	539	5471	318	399	369	308	341	323	379	439	414	428	327	323	1103
2.13.	Radanovo	1994	830	288	1994	120	135	134	141	120	105	100	122	140	141	137	124	475
Total for the target area		19849	8213	1635	20024	1046	1137	1079	1009	1065	948	1060	1149	1192	1185	1187	1561	6411

Source : the National Statistical Institute, the 1992 Census, except *Total* 1995 Column

Note: * denotes a column with the total number of people prior to August, 1995; source Nova Zagora Municipality

Table B-2-4. Population Characteristics, Division by Blocks : Rositza Study Area - Main Lower Right Canal

No.	3. Main Lower Right Canal		Population Distribution by Age Groups																	
	Settlement	Total*	EAP	Unemployed	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	>60		
3.1.	Reson	2784	1202	234	2940	142	181	148	118	150	150	185	168	146	191	198	204	959		
3.2.	Rusalya	432	90	42	426	6	9	13	7	9	10	11	13	17	16	16	50	249		
3.3.	Samovodene	2084	900	102	2252	90	85	96	122	112	113	125	98	123	180	136	178	794		
3.4.	Hotnitza	480	69	9	549	12	2	6	5	13	10	7	13	19	15	14	37	396		
3.5.	Varbitza	1223	548	78	1224	79	79	79	80	65	68	68	73	56	76	70	67	364		
3.6.	D. Oryahovitza	3611	1779	315	3801	115	173	229	251	250	198	176	225	303	336	296	280	969		
3.7.	Draganovo	3167	1312	355	3209	181	186	181	171	201	185	179	204	201	198	189	219	914		
3.8.	Parvomaitzi	3649	1596	190	3649	144	156	171	227	245	190	192	171	244	272	264	276	1097		
3.9.	Pisarevo	1090	530	83	1116	82	71	101	78	78	72	64	74	62	75	78	58	223		
3.10.	Polikraishte	2524	1239	265	2633	124	139	133	152	141	146	150	168	157	195	173	209	744		
3.11.	Pravda	754	336	27	801	22	38	24	57	38	42	38	45	64	59	58	72	244		
3.12.	Yantra	654	239	71	670	36	29	32	33	25	42	32	32	19	44	36	58	252		
3.13.	Vishovgrad	558	167	7	697	5	26	46	13	14	7	12	14	22	32	23	72	411		
3.14.	Mihaltzi	1049	331	54	1144	33	44	39	28	28	34	40	38	29	51	68	105	607		
3.15.	Musina	325	81	27	305	9	7	5	2	8	10	6	4	13	13	17	29	182		
3.16.	Stambolovo	976	400	102	1014	80	65	62	60	53	56	66	49	39	37	54	76	317		
3.17.	Kozarevetz	1282	493	127	1282	46	55	75	81	57	52	58	66	92	103	74	74	449		
Total for the target area					26642	11312	2088	27712	1206	1345	1440	1485	1487	1387	1409	1455	1606	1764	2064	9171

Source : the National Statistical Institute, the 1992 Census, except Total* 1995 Column

Note: * denotes a column with the total number of people prior to August, 1995; source Nova Zagora Municipality

Table B-2-5. Population Characteristics, Division by Blocks : Sredna Tundja Study Area - Binkos-Marash
Population Distribution by Age

No Settlement	I. Binkos - Marash		Number of people (Age Groups)														
	Total*	EAP	Unemp loyed	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	>60
1.1. Blatetz	966	426	107	1051	49	59	55	52	48	37	52	55	65	53	77	86	373
1.2. Gorgevetz	757	330	108	776	75	70	69	68	54	58	53	49	46	38	37	41	118
1.3. Glushnik	375	139	32	392	33	26	17	16	22	18	18	17	17	12	22	42	132
1.4. G. Aleksandrovo	766	239	122	691	33	50	56	34	35	37	33	28	26	29	23	66	241
1.5. Dragodanovo	627	198	42	734	37	53	70	40	23	22	24	18	33	22	38	64	290
1.6. Zelu Voivoda	2661	1224	238	3092	164	189	182	179	181	161	135	160	188	198	174	258	923
1.7. Zlati Voivoda	1148	497	169	1245	97	99	80	84	87	71	72	69	82	70	57	88	289
1.8. Kaloyanovo	508	220	60	507	37	35	35	34	37	16	25	19	38	39	33	42	117
1.9. Kamen	1177	487	167	1228	100	100	77	75	71	74	75	63	60	55	74	99	305
1.10. Kovachite	1173	599	80	1320	43	53	72	100	82	45	62	80	121	88	94	83	397
1.11. Krushare	2095	974	448	2239	189	179	190	148	140	122	150	149	116	114	110	152	480
1.12. Mechkarevo	632	260	24	662	36	35	41	38	45	36	32	41	32	39	44	50	193
1.13. Panaretovtzi	410	175	28	431	23	19	24	12	25	28	21	20	20	27	39	37	136
1.14. Samoilovo	1942	964	391	2057	182	177	184	162	171	148	131	128	127	120	99	106	322
1.15. Topolchane	2591	1126	324	2639	267	235	241	241	194	158	151	139	155	143	129	134	442
1.16. Trapokolovo	465	153	24	533	30	35	27	16	19	25	25	15	15	22	16	47	241
1.17. Chintalovo	998	412	162	1031	104	121	107	97	75	75	62	59	41	36	40	57	157
1.18. Veselinovo	1085	481	76	1143	88	87	68	79	69	82	64	62	57	70	72	86	259
1.19. Zavoj	935	371	65	895	81	84	76	77	69	53	35	43	55	46	46	41	189
1.20. Atolovo	243	68	15	241	7	10	11	9	6	5	7	2	7	12	9	40	116
1.21. Vodnichene	672	223	29	661	28	35	22	29	31	27	33	24	40	35	42	75	240
1.22. Zimnitza	2200	951	125	2183	144	132	155	113	133	119	129	112	151	142	118	180	555
1.23. Lozenitz	654	246	32	668	50	37	27	29	34	37	31	15	21	39	39	71	238
1.24. Straldja	6711	2932	829	6613	538	528	582	511	451	410	458	441	422	325	280	395	1272
1.25. Charda	418	197	82	450	11	27	19	19	29	23	22	18	16	25	36	58	147
Total for the target area	32209	13892	3799	33482	2446	2475	2487	2262	2131	1887	1910	1826	1951	1799	1748	2398	8172

Source : the National Statistical Institute, the 1992 Census, except Total* 1995 Column

Note: * denotes a column with the total number of people prior to August, 1995; source Nova Zagora Municipality

Table B-2-6. Population Characteristics, Division by Blocks : Sredna Tundja Study Area - Nova Zagora

2. Nova Zagora		Population Distribution by Age																
No	Settlement	Total*	EAP	Unemp.	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	>60
2.1.	Kermen	2340	1078	272	2510	225	151	129	145	133	129	143	150	175	129	154	207	640
2.2.	Korten	2108	1075	138	2235	113	124	116	125	123	139	131	116	157	152	141	171	627
2.3.	Mladovo	757	279	35	759	29	26	39	36	32	33	21	31	36	49	48	61	318
2.4.	Asenovez	724	362	35	819	35	53	56	49	46	30	39	47	43	52	43	64	262
2.5.	Bryastovo	395	191	20	493	24	30	28	34	27	22	20	26	32	17	15	29	189
2.6.	Zaportzi	518	225	22	580	24	25	21	28	28	24	19	22	16	38	35	46	254
2.7.	Kamenovo	627	311	7	713	43	42	43	43	23	25	43	37	39	33	46	55	241
2.8.	Karanovo	816	397	70	920	74	52	51	71	64	52	40	34	45	45	57	76	259
2.9.	Konyovo	1140	447	99	1218	58	52	55	46	58	54	53	56	50	59	87	116	474
2.10.	Lyubenetz	575	246	11	619	31	25	25	30	27	17	28	31	32	24	35	82	232
2.11.	Nova Zagora	26932	12968	2553	26260	1995	2272	2504	2266	1660	1883	2122	2034	1995	1536	1214	1290	3488
2.12.	Stoil Voivoda	830	380	43	894	36	54	49	60	39	34	46	47	58	47	65	68	291
2.13.	Sabrano	511	213	11	495	17	12	18	24	28	17	17	20	20	23	53	50	196
2.14.	Sadievo	897	375	65	1003	56	55	58	57	58	39	51	50	56	49	43	87	344
2.15.	Tzenino	167	43	5	152	17	19	13	9	6	5	6	7	9	6	5	11	39
Total for the target area		39337	17469	3109	39670	2777	2992	3205	3023	2352	2503	2779	2708	2764	2259	2041	2413	7854

Source : the National Statistical Institute, the 1992 Census, except Total* 1995 Column

Note: * denotes a column with the total number of people prior to August, 1995, source Nova Zagora Municipality

Table B-2-7. Population Characteristics, Division by Blocks : Sredna Tundja Study Area - Mlekarevo-Padarevo
Population Distribution by Age

No.	3. Mlekarevo-Padarevo		Number of people (Age Groups)														Total	Unemployed	EAP	Total*
	Settlement	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	>60					
3.1. Bikovo	429	119	7	3	6	13	14	6	8	14	14	25	40	69	218					
3.2. Bogdanovo	422	186	15	35	41	24	17	14	18	19	13	21	36	38	206					
3.3. Grafitovo	14	2	27										1	3	23					
3.4. Dyadovo	498	208	46	35	32	16	31	31	28	19	29	16	35	26	140					
3.5. Ezero	593	350	23	33	46	38	34	25	34	48	43	50	53	45	207					
3.6. L. Mahala	1188	645	63	71	79	66	65	56	73	81	91	63	95	120	350					
3.7. Mlekarevo	3167	1312	181	186	181	171	201	185	179	204	201	198	189	219	914					
3.8. Parvomaizci	3649	1596	144	156	171	227	245	190	192	171	244	272	264	276	1097					
3.9. Pisarevo	996	485	48	60	65	41	56	58	60	74	60	80	81	92	367					
3.10. Omarchevo	610	258	17	12	19	9	22	20	8	17	26	36	40	61	296					
3.11. Pet Mogili	934	506	36	31	26	33	45	43	36	37	55	69	105	135	427					
3.12. Pitovo	634	251	25	23	14	30	26	28	20	27	24	34	52	86	306					
3.13. Polsko	482	183	27	26	24	12	26	23	23	13	15	21	44	49	231					
Padarevo																				
3.14. Radevo	393	151	12	39	12	10	17	10	12	13	10	21	25	37	162					
3.15. Sokol	337	143	21	10	21	11	18	14	22	13	15	20	17	29	132					
Total for the target area	14346	6395	15015	665	720	737	817	708	713	750	840	926	1077	1285	5076					

Source : the National Statistical Institute, the 1992 Census, except 'Total' 1995 Column

Note: * denotes a column with the total number of people prior to August, 1995; source Nova Zagora Municipality

Table B-2-8. Population Characteristics, Division by Blocks : Sredna Tundja Study Area - Kermen-Roza

No	Settlement	Total	SAP	Unemployed	Total	Number of people (Age Groups)												
						0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	>60
4.1.	Bozadjii	129	58	17	163	2	1	2	3	3	1	7	5	7	6	12	28	86
4.2.	Skobelevo	514	171	20	516	15	23	23	22	19	15	21	18	34	25	29	58	214
4.3.	Bezmer	1529	595	100	1806	98	67	78	81	109	79	89	78	89	89	95	151	405
4.4.	Bolyarsko	494	170	21	496	14	11	15	17	9	8	8	20	21	25	53	73	222
4.5.	Botevo	1350	566	47	1331	62	77	61	71	61	68	70	61	81	72	95	135	417
4.6.	Boyadjik	1831	771	147	1851	111	113	104	69	99	85	99	101	118	142	127	151	532
4.7.	General Inzovo	1482	709	72	1547	67	46	59	40	56	58	53	76	78	112	141	187	574
4.8.	Roza	1587	729	86	1643	73	74	80	84	100	75	85	96	106	103	126	161	479
4.9.	Tenevo	2295	1015	189	2354	132	111	113	113	133	133	128	116	161	138	169	208	699
4.10.	Hanovo	995	331	42	986	36	35	28	42	50	51	24	32	58	72	74	99	385
Total for the target area		12206	5095	741	12393	610	558	563	542	639	573	584	603	753	784	921	1251	4013

Source : the National Statistical Institute, the 1992 Census

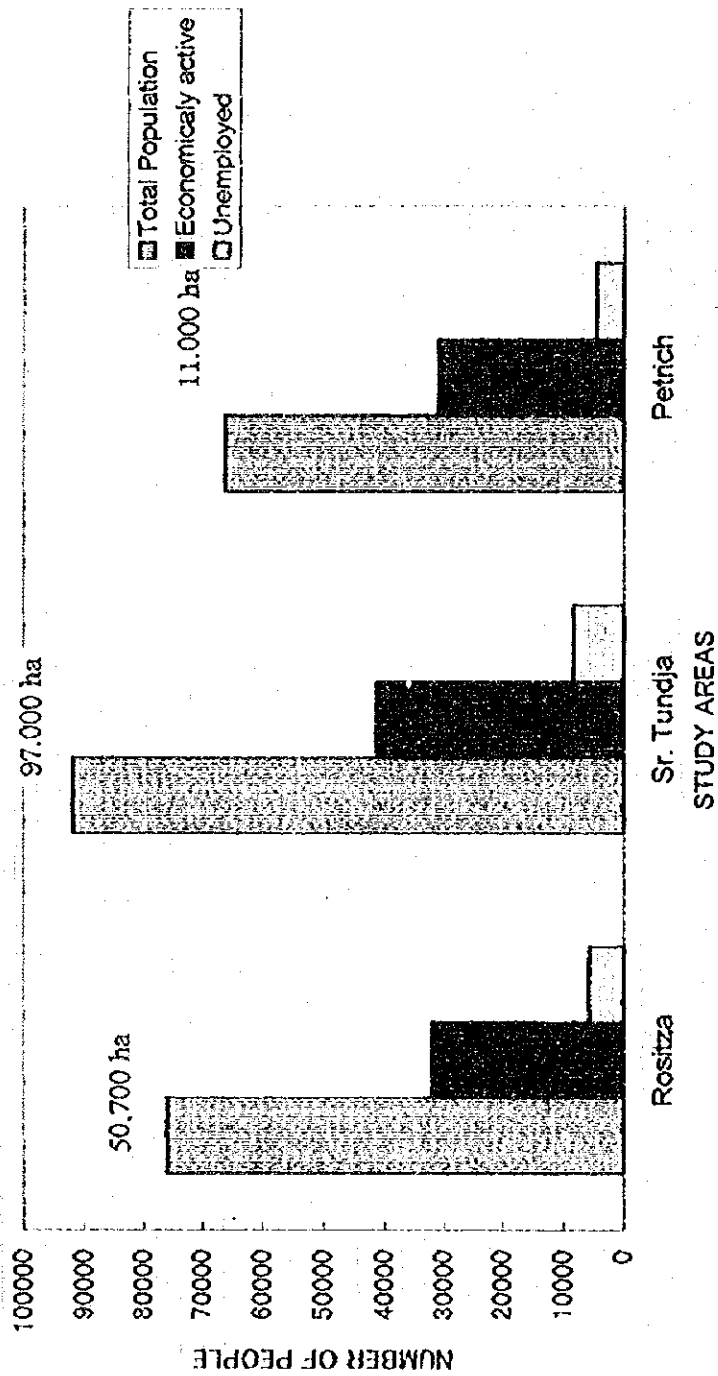


Figure B-2-1. Total, EAP and Unemployed Number of People of the Three Study Areas

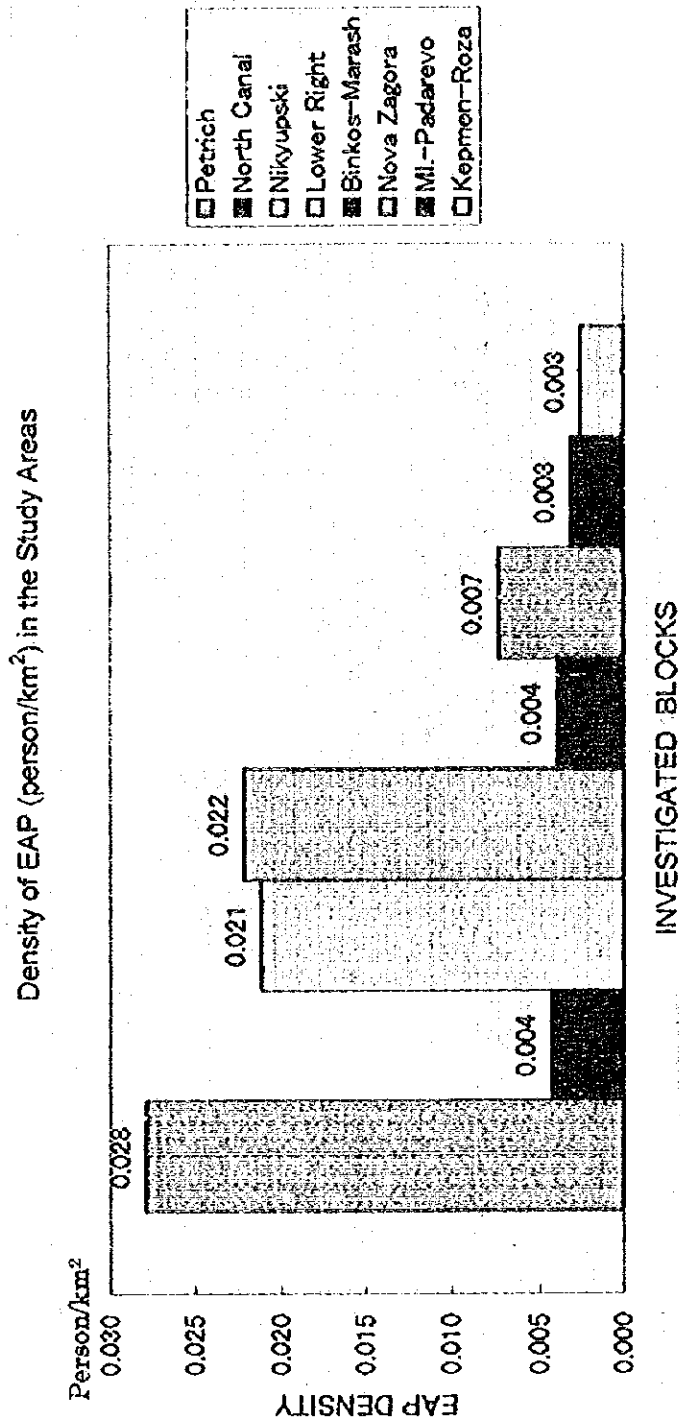


Figure B-2-2. Density of Economically Active Population in Investigated Blocks

POPULATION DISTRIBUTION IN 'PETRICH' STUDY AREA

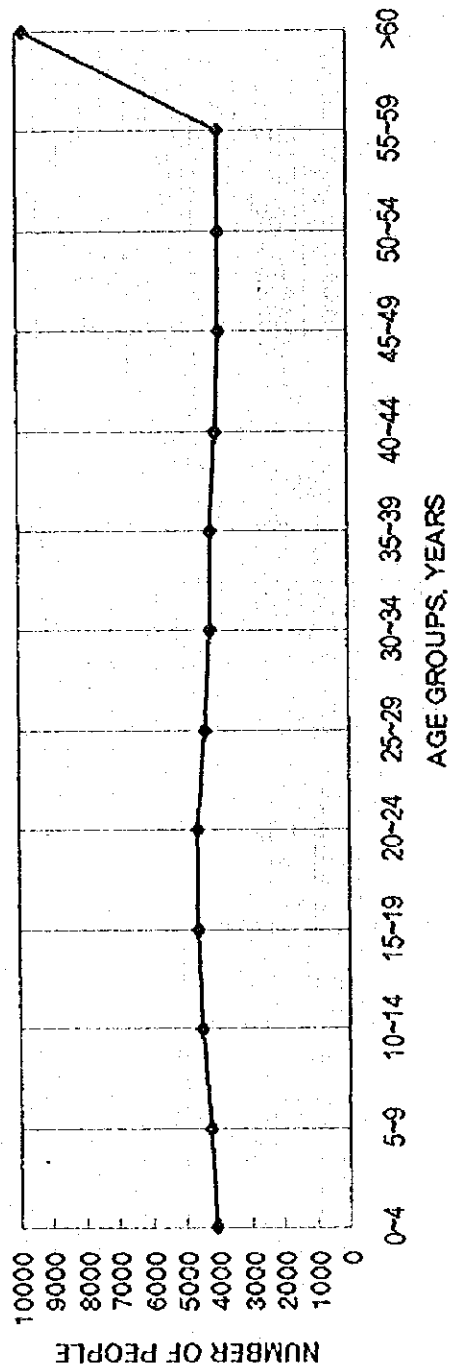


Figure B-2-3. Population Distribution by Age Groups in Petrich Study Area

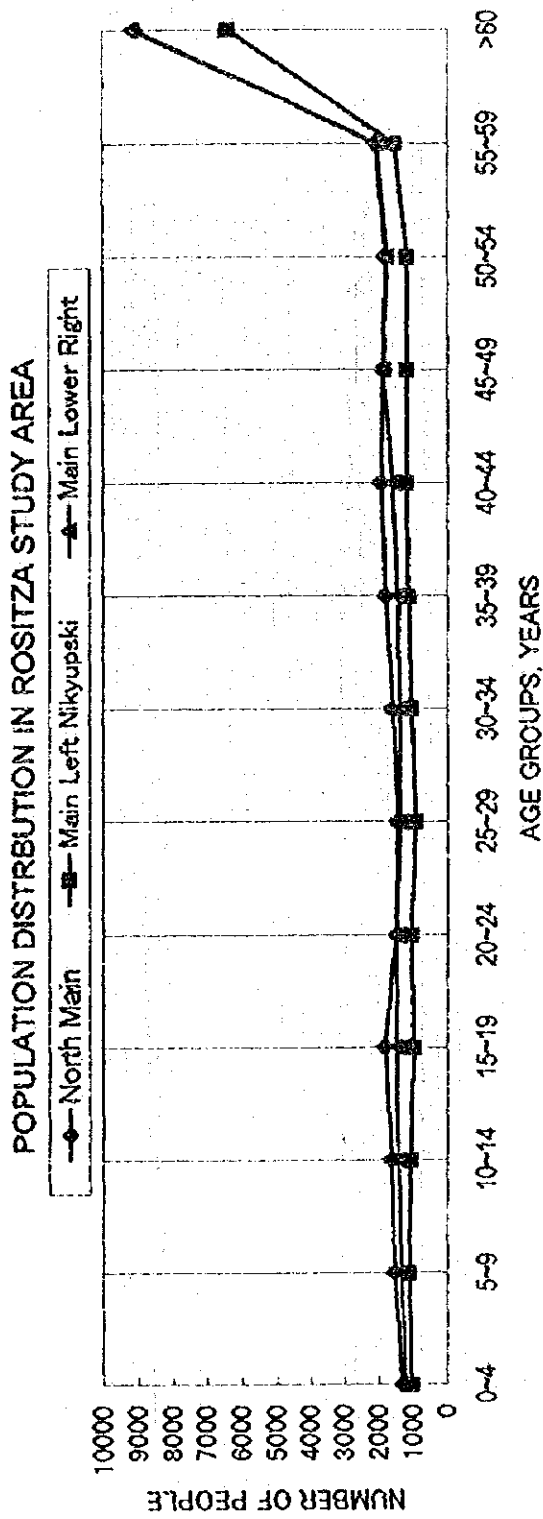


Figure B-2-4. Population Distribution by Age Groups in the Blocks of Rositza Study Area

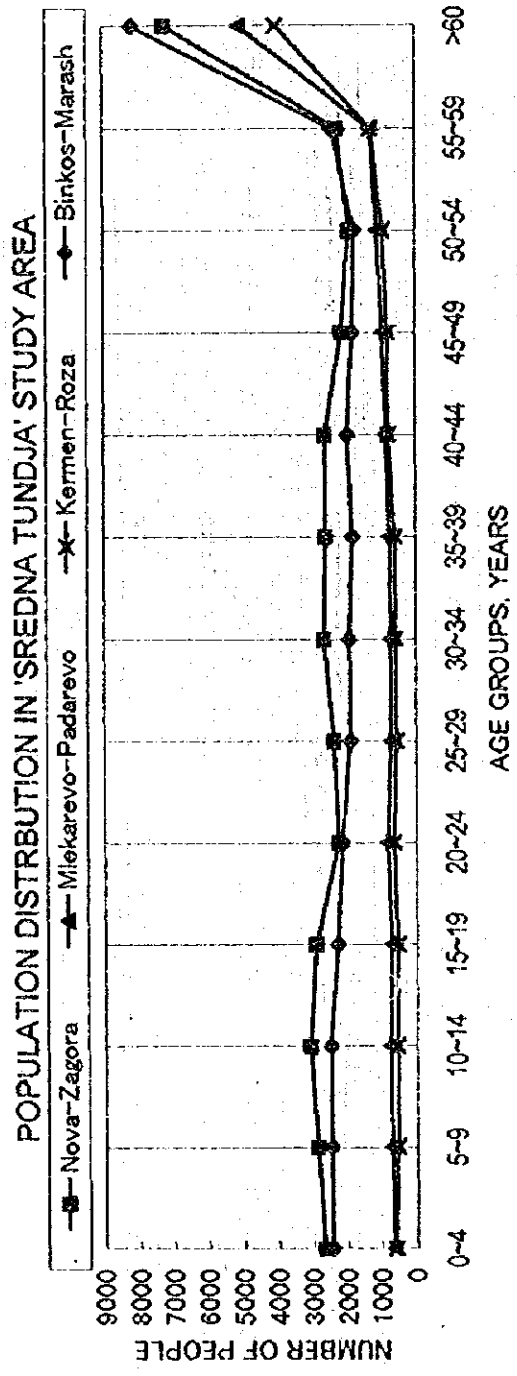


Figure B-2-5. Population Distribution by Age Groups in the Blocks of Sredna Tundja Study Area

B-3 The Pilot Area

Table B-3-1. Number of Unemployed People of Nova Zagora Municipality registered during September - October period of 1996

Period of Registration	Sept.	October	Change (%)
Registered with a right of compensation	75	651	↑ 868
Registered with a right of social assistance	28	38	↑ 35.31
Registered with no right of compensation	185	166	↓ 10.21

Source: the Labor Bureau in Nova Zagora, 1996

Table B-3-2. Medical Institutions & Physicians in the Pilot Area

Settlement's Name	Status	Health Centers/hospitals		
		No	Number of Physicians	Number of Other Staff
Nova Zagora	Town	15	85	373
Korten	Village	1	3	8
Assenovelz	Village	1	1	1
Bryastovo	Village	0	0	0
Karanovo	Village	1	2	5
Stoil Voivoda	Village	1	3	4
Zagortzi*	Village	1	0.5	2
Sabrano	Village	1	1	0
Lyubenetz	Village	1	1	1
Bogdanovo	Village	1	1	0
Grand Total		23	97.5	394

*The Physician that serves Zagortzi also serve another village.

Note: The source for the Table - the Nova Zagora Municipality, October 1996

Table B-3-3. Schools Included in the Agri-Labor Recruiting Scheme

The Agricultural High School in Nova Zagora:

The school was established in 1958 together with 37 other similar schools across the country. 550 students are studying at the school in the 1996/97 school year. The school employs 71 teachers - 53 of them have university education. 54 people work as additional school staff. MAFI finances the school at 100%. For 1995/96 fiscal year the school received from MAFI 20,000,000 BGL as an annual budget. The school provided additional 15,000,000 BGL in 1995/96 on its own, mainly through farm production sells and machine leasing.

Property owned by the School : 60 ha arable land out of which 7 ha school yard, buildings, machine park and farm facilities.

Machine Park: 36 tractors, 6 combine-harvesters, all kind of agri-machines, 3 buses, 10 trucks, 3 vans, 3 cars (sedan type).

Live stock: Birds -360; Pigs -250; Sheep-20; Goats - 6; Cows -6.

All of the cited above machines and livestock are a part of the educational process.

The Orphanage in Asenovetz

In 1996/97 the orphanage has 96 children (60 boys) of age between 6 and 14 years. Almost half of the children are of gypsy minority group. 13 teachers and 18 general staff personnel take care of the children's education and daily life. The orphans study at Asenovetz general school together with the children of the village. The orphanage is a major job-provider for the people of Asenovetz.

The Boarding School in Bogdanovo

In 1996/97 the boarding school has 80 students mostly of mothers of many children and financially broken families. Most of the children are gypsies. The school is also a major job-provider for the residents of the settlement.

Table B-3-4. Number of People residing in the Settlements of the Pilot Area, November 1996

Settlement's Name	Total	Gypsies	Male	Female	EAP	Age group 1-6		Age group 7-15		Age group 15-18		Age group 19-25		Age group 26-30		Age group 31-40		Age group 41-50		Age group 51-60		Age group 61-70		Age group 71-80		Age group 81-90		Age group over 91	
						group	Age	group	Age	group	Age	group	Age	group	Age	group	Age	group	Age	group	Age	group	Age	group	Age	group	Age	group	Age
Nova Zagora	26896	7236	13307	13589	15130	2693	9442	1472	1329	4376	3547	3924	5691	4296	1981	685	106												
Korten	1903	200	751	1128	1409	177	233	88	252	174	373	315	295	309	212	63	11												
Assenovetz	666	0	331	553	451	41	103	48	43	30	81	123	110	169	102	29	5												
Bryastovo	411	0	158	237	191	5	14	9	38	21	45	51	69	77	52	12	2												
Karanovo	984	273	312	600	330	69	98	22	79	93	115	127	119	116	59	14	1												
Stoil Voivoda	741	135	492	478	404	34	91	32	41	57	100	109	97	217	134	51	7												
Zagortzi	343	80	194	359	244	22	29	9	28	26	51	64	75	121	92	31	5												
Sabrano	390	5	173	221	184	14	16	10	30	22	32	38	62	103	39	24	4												
Lyubenetz	783	34	421	339	343	41	84	45	89	24	88	84	45	119	104	29	8												
Bogdanovo	375	0	223	283	198	14	42	18	45	41	55	47	60	117	45	18	4												
Grand Total	33492	7963	16362	17787	18884	3110	4152	1753	1974	5344	4487	4882	6623	5644	2770	956	153												

Source : Nova Zagora Municipality, November 1996, (current unpublished statistical information)

Table B-3-5 Characteristics of Unemployment

**Number of Unemployed People in Nova Zagora Municipality
Grouped by Education, July-August of 1996**

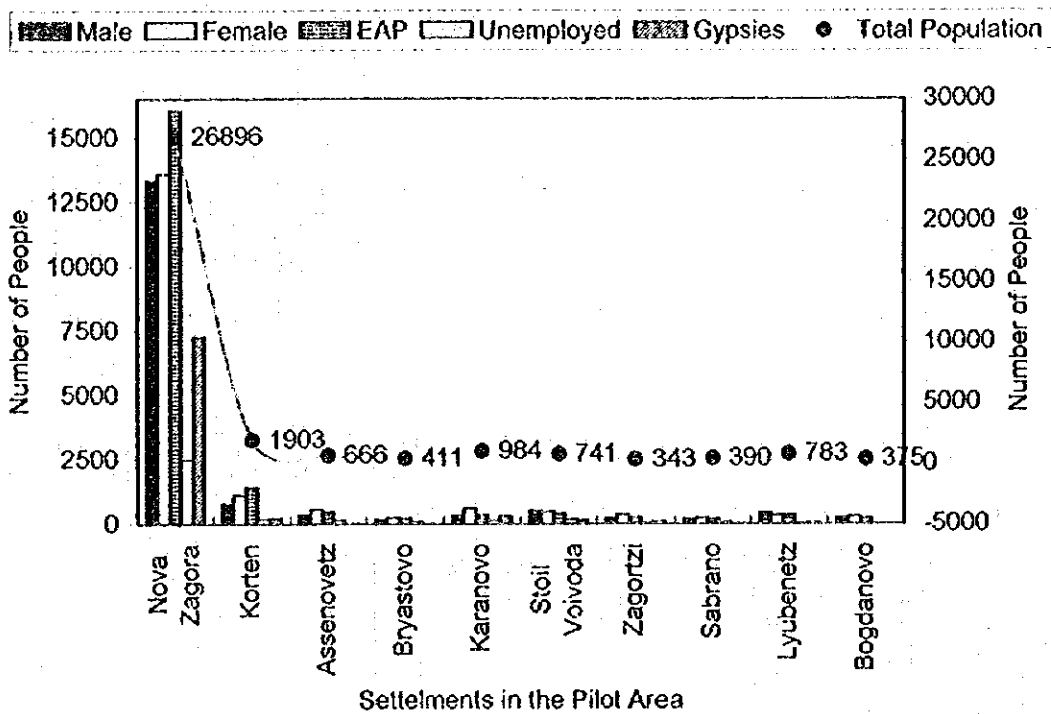
Stage of Education	July, 1996	August, 1996	Change in percent
University	69	74	6.8 (increase)
College	50	53	5.7(increase)
Vocational High School	412	352	14.6 (decrease)
Technical High School	395	402	1.7 (increase)
High School	109	103	5.5 (decrease)
Junior High School of less	2,274	2,313	1.7(increase)
Total	3,309	3,297	0.4 (decrease)

Source: the Labor Bureau in Nova Zagora

Unemployed People in Nova Zagora Municipality Grouped by Age

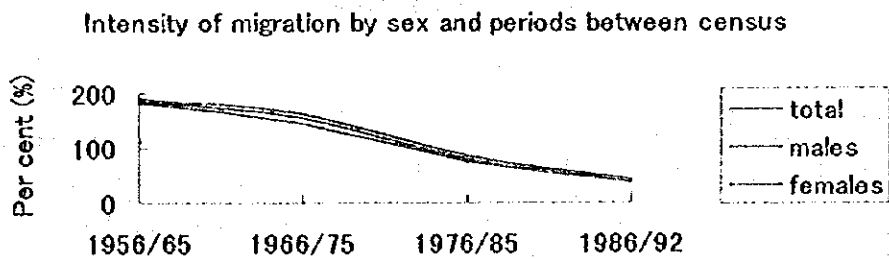
Age Group	July, 1996	August, 1996	Change in percent
from 16 to 24	957	901	5.8 (decrease)
from 25 to 29	574	588	2.4 (increase)
from 30 to 44	1,339	1,364	1.8 (increase)
from 45 to 49	247	248	0.4 (increase)
over 50	192	196	2.0 (increase)
Total	3,309	3,297	0.4 (decrease)

Source: the Labor Bureau in Nova Zagora



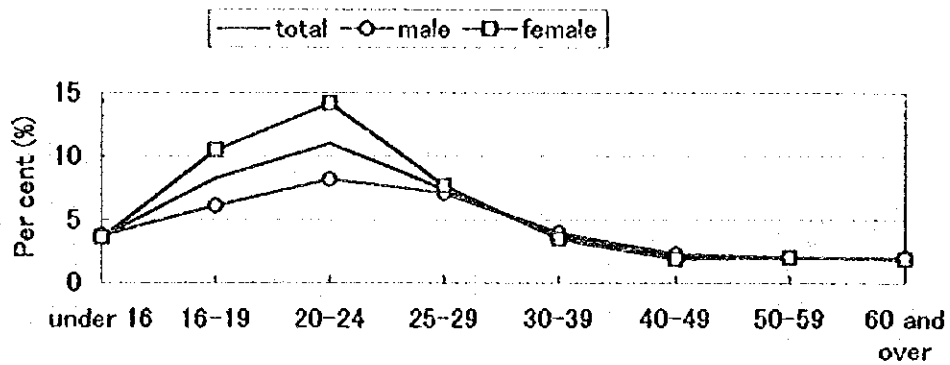
Source : Nova Zagora Municipality, November 1996

Figure B-3-1. Demographic Characteristics of the Settlements in the Pilot Area



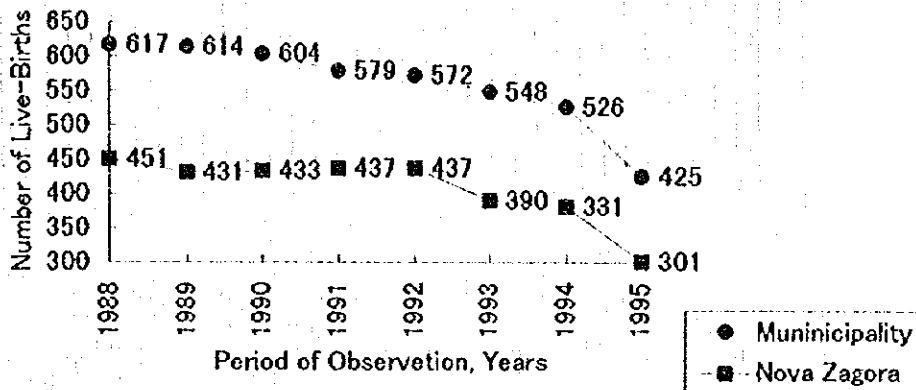
Source : National Statistical Institute

Figure B-3-2. Intensity of Migration during Periods between Censuses in Bulgaria



Source : National Statistical Institute

Figure B-3-3. Intensity of Migration in Bulgaria for the Five Year Period from 1986 to 1992 analyzed by the Age and Sex of the Migrants



Source :Nova Zagora Municipality

Figure B-3-4. Total Numbers of Live-Births in Nova Zagora-town and Municipality for a period from 1988 to 1995