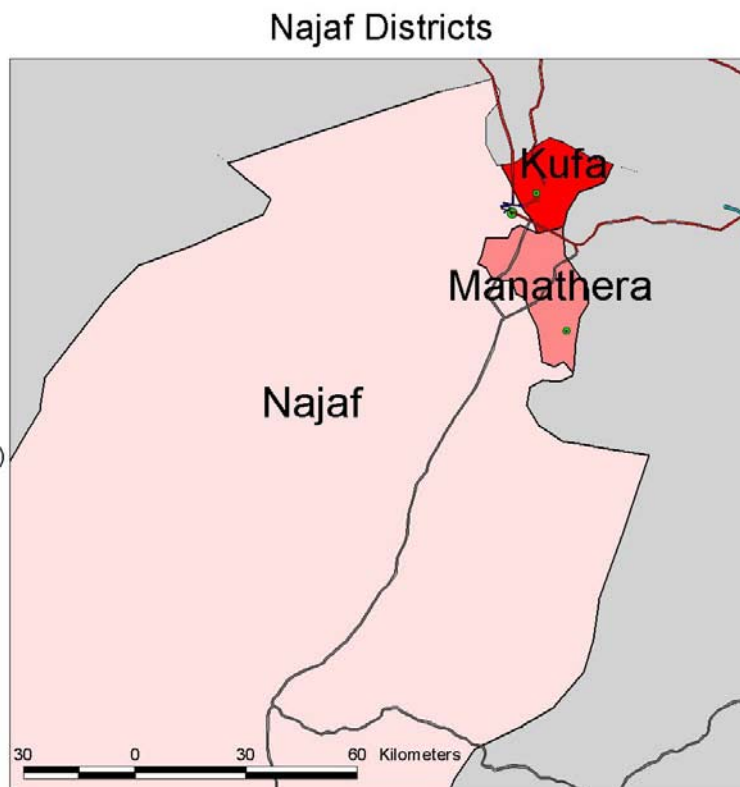
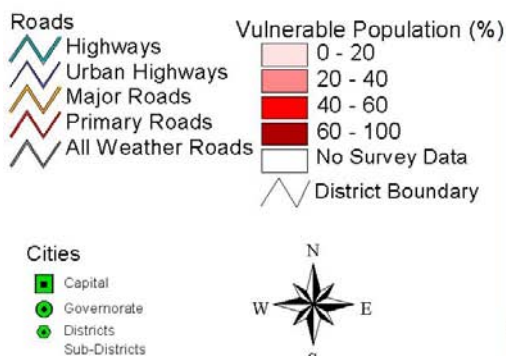
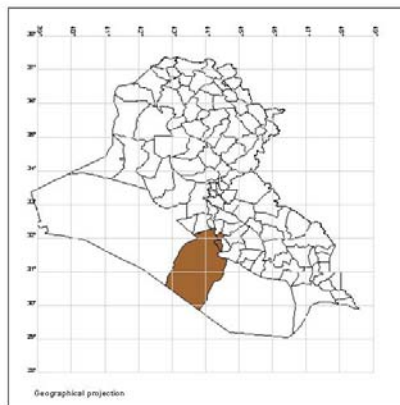


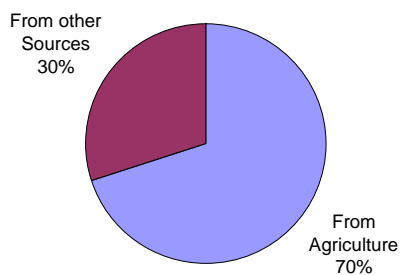
GOVERNORATE - NAJAF



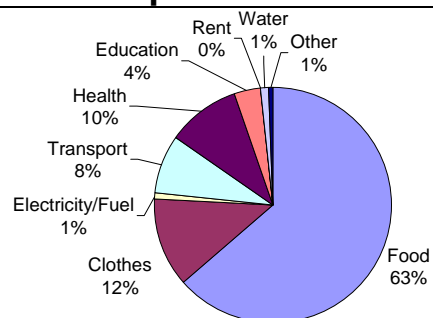
Rural Population

District	Population January 2003	Rural Population (%)	Rural Population	Rural Households Interviewed	Average Rural Household Size	Housing
Kufa	275 370	45	123 917	160	10.2	
Manathera	132 632	70	92 842	113	10.0	
Najaf	521 993	5	26 100	34	9.1	
Total Population	929 995	26.1	242 859	307	10.0	
Total Interviewed Population			3 070			

Income



Expenditures



	Education	Occupation
Household Members (Male 52 percent – Female 48 percent)		
Household Heads (Male 97 percent – Female 3 percent)		

Agricultural Activities

Out of 307 total interviewed households:	No. of Households	Percentage of Interviewed (%)	Average Use of Land /Average Ownership of Livestock (average referred to households using land or owning livestock only)
Households with at least one member engaged in agriculture	268	87	
Households Accessing Land	284	93	18.2 donum/ 4.5 ha
Cultivating Winter Crops	270	88	12.3 donum/ 3 ha
Cultivating Summer/Permanent Crops	265	86	12.6 donum/ 3.1 ha
Owning Cows and Buffaloes	218	71	3.9 Cows and Buffaloes
Owning Sheep	73	24	18.6 Sheep
Owning Goats	27	9	11.2 Goats
Owning Poultry	269	88	77.8 Poultry

Crop Pattern

Winter Crops Pattern (64 percent of available land used)	Summer Crops Pattern (65 percent of available land used)

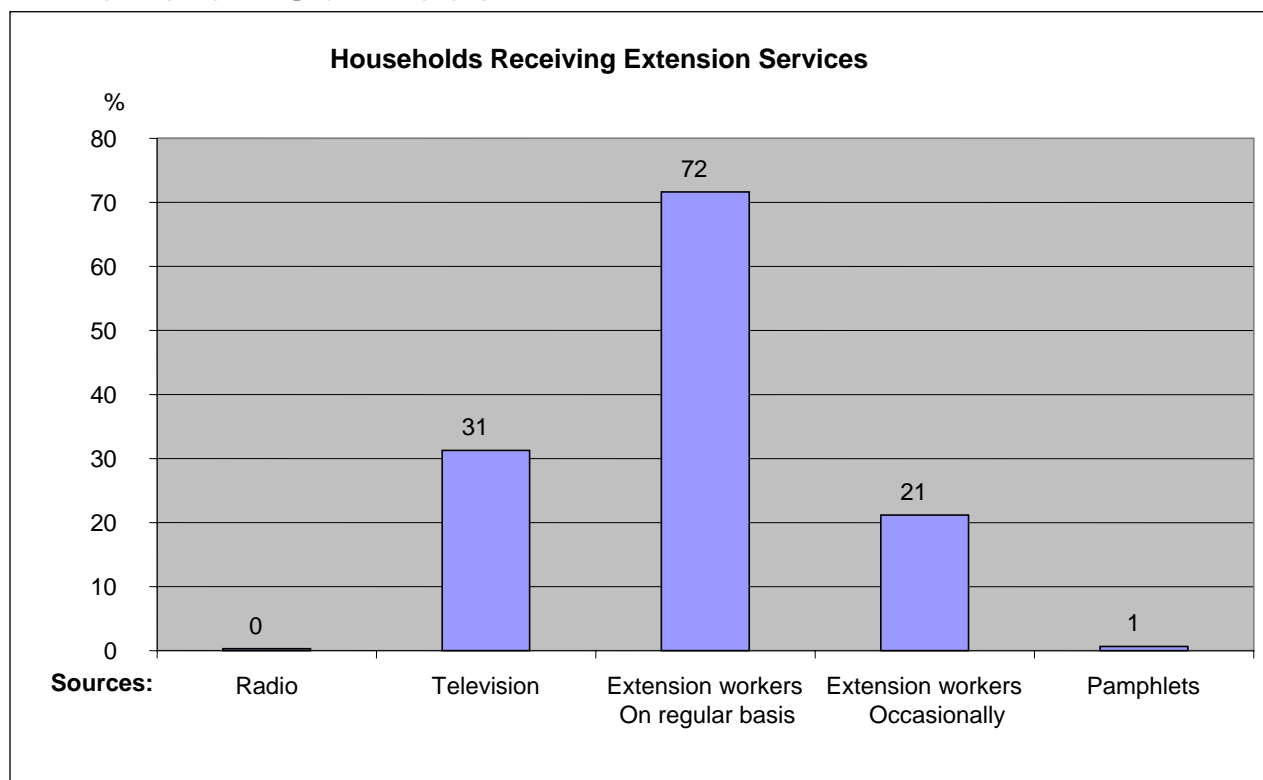
Livestock

Livestock	Total Livestock/Poultry Raised (307 interviewed households representing a sample population of 3 070 members)	Total Estimated in the Governorate (considering the entire rural population of Najaf of about 243 000 persons, that is 79 times the size of the sample)
Cows and Buffaloes	854	67 500
Sheep	1 360	108 000
Goats	302	24 000
Poultry	20 917	1 650 000

Agricultural Machinery

Machinery	Total Number Available (for the sample of 307 interviewed households)	Percentage Requiring Repair / Parts (%)	Number of Machine per Household Accessing Land (284 households in total)
Tractors	33	24	0.12
Combine Harvesters	2	0	0.01
Seed Drills	0	0	0.00
Fertilizer Sprayers	5	20	0.02
Sprayers	10	0	0.04
Water Pumps	148	12	0.52
Irrigation Systems	3	0	0.01

Extension Services



Needs Assessment

Major Needs	Percentage of Reporting Households (%)
Fertilizer	90
Proper Pesticides	90
Improved Seeds	80
Water	76
Agriculture Machinery	75
Animal Health Service	62
Health Services /Facilities	61
Transport	59
Proper Living Conditions	56
Financial Resources	55
Animal Feed	51



Storage and Control of Water in Najaf Governorate

Rainfed 338 donum (85 ha); Irrigated by gravity 197,827 donum (49,457 ha); Irrigated by pumps 419,489 donum (104,872 ha) Source: Cost Production Survey 1999, (CSO/MoP)



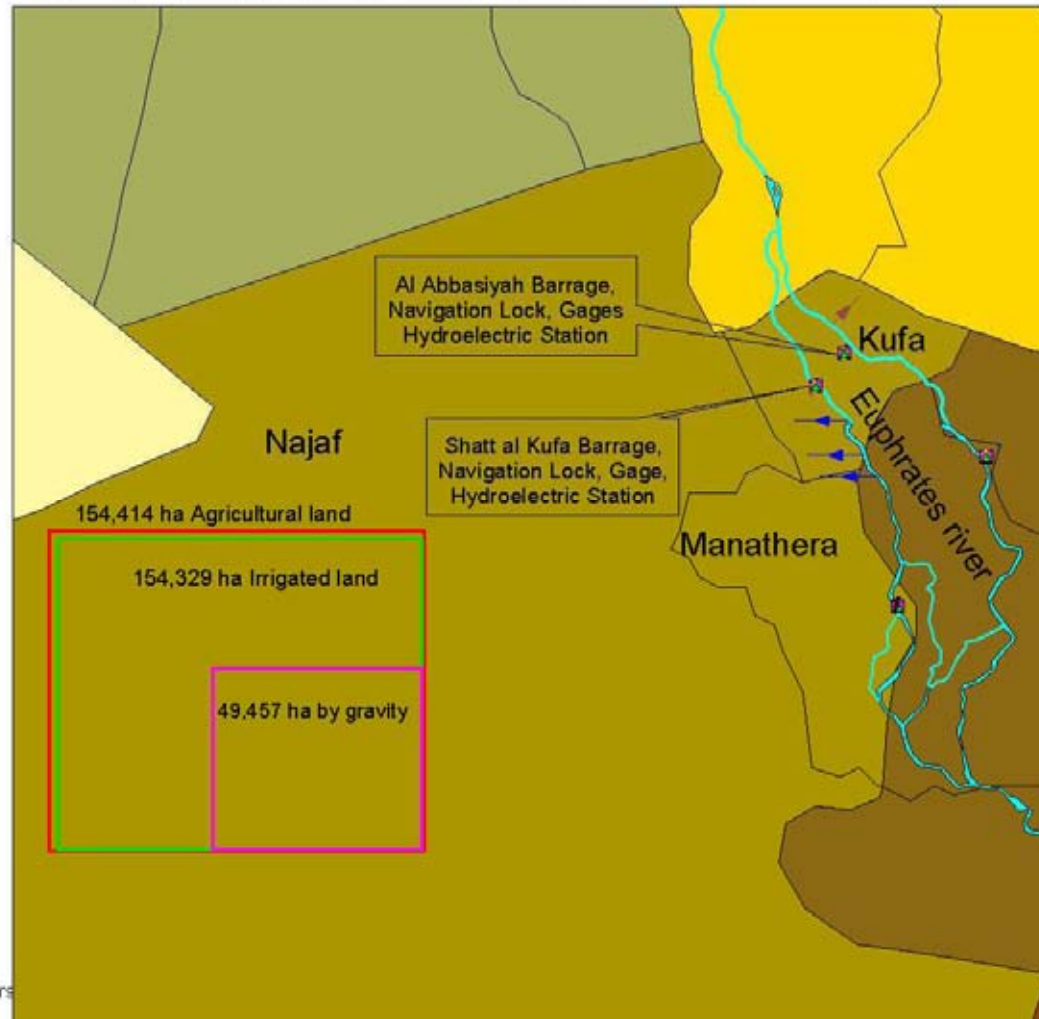
- Dam
- Barrage
- Dam Under Construction
- Regulator
- Navigation Lock
- Pumping Station
- Hydroelectric Station
- Gage/Measurement
- Irrigation Canal
- Drainage Canal
- Lake
- Depression
- Dam/Wall
- Lakes
- Rivers



Geographic Projection

Scale 1: 870,000

20 0 20 40 Kilometers



The boundaries and names do not imply endorsement by the United Nations. Source ESR1 Map data, 2002; HIC, 2003; MoWR 2004. Compiled by FAO/TCES

