

REPUBLIC OF LEBANON

**COUNCIL FOR DEVELOPMENT
AND RECONSTRUCTION**

الجمهورية اللبنانية
مكتب وزير الدولة لشؤون التنمية الإدارية
مركز مشاريع ودراسات القطاع العام

Republic of Lebanon
Office of the Minister of State for Administrative Reform
Center for Public Sector Projects and Studies
(C.P.S.P.S.)

SCHOOL REGROUPING PROJECT MASTER PLAN

VOLUME 2 : RESULTS & SCHOOL PROGRAM (PART 1)

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Rev. 1
June 1994

BEIRUT

CAZA SUMMARY (cont.)

3 - PUBLIC SCHOOL STUDENTS IN 2005

STRATEGIC AREA	EXISTING CAPACITY (To be Retained After Upgrading)				ADDITIONAL CAPACITY TO BE PROVIDED FOR			
	Pre-Elem./Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Mar Elias East					2,520	2,100	840	5,460
Mar Elias West					1,680	1,680	840	4,200
Mazraa					2,100	2,100	1,260	5,460
Ras Beirut					2,940	2,520	1,260	6,720
Tarik El Jdideh					2,940	2,520	1,680	7,140
Wata					1,260	840	420	2,520
Ashrafyeh					1,260	1,260	420	2,940
Jemmayzeh					2,100	1,260	420	3,780
Sioufi					840	840	420	2,100
TOTAL					17,640	15,120	7,560	40,320

4 - ADDITIONAL NUMBER OF SCHOOLS REQUIRED IN 2005

STRATEGIC AREA	TOTAL NUMBER OF SCHOOLS														
	ELEMENTARY					COMPLEMENTARY					SECONDARY				
	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL
Mar Elias East		1	1	1	3			1	1	2			1		1
Mar Elias West			2		2			2		2			1		1
Mazraa			1	1	2			1	1	2				1	1
Ras Beirut			2	1	3				2	2				1	1
Tarik El Jdideh			2	1	3				2	2			2		2
Wata				1	1			1		1		1			1
Ashrafyeh				1	1		1	1		2		1			1
Jemmayzeh			1	1	2		1	1		2		1			1
Sioufi			1		1			1		1		1			1
TOTAL		1	10	7	18		2	8	6	16		4	4	2	10

CAZA SUMMARY

MOHAFAZAT : BEIRUT

Average Growth Rate :	0.46%
2002 Population :	641,323
2005 Population :	650,260
Pre-Elementary schooling population :	0.76% of total
Elementary schooling population :	9.11% of total
Complementary schooling population :	5.36% of total
Secondary schooling population :	2.95% of total

1 - POPULATION ESTIMATES

STRATEGIC AREA	YEAR	
	2002	2005
Mar Elias East	85,272	86,460
Mar Elias West	89,759	91,010
Mazraa	101,427	102,840
Ras Beirut	155,286	157,450
Tarik El Jdideh	108,607	110,120
Wata	20,642	20,930
Ashrafyeh	43,543	44,150
Jemmayzeh	24,173	24,510
Sioufi	12,614	12,790
TOTAL	641,323	650,260

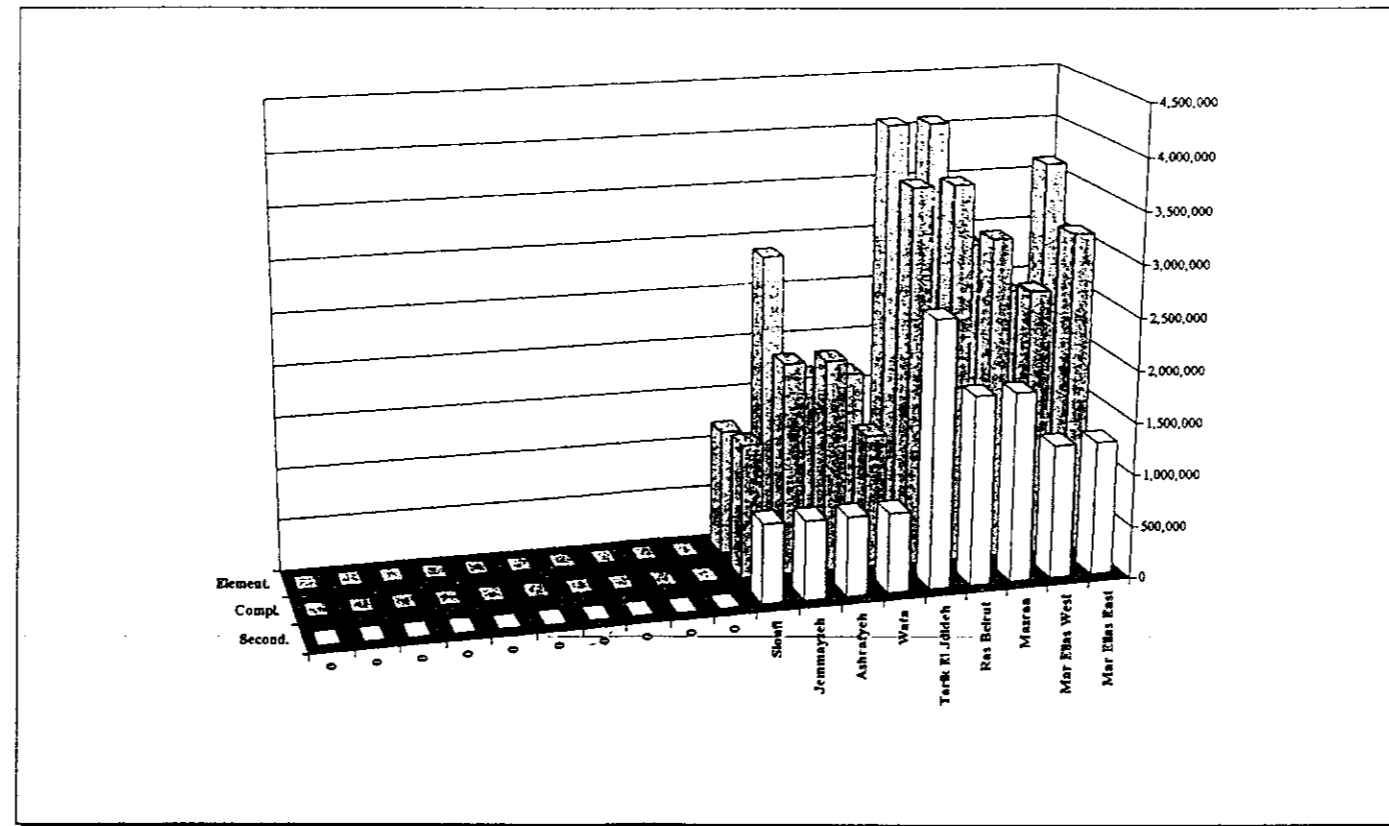
2 - SCHOOLING POPULATION

STRATEGIC AREA	TOTAL NUMBER OF STUDENTS								
	TOTAL DEMAND (2005)					PUBLIC (State/Non-State Owned)			
	Pre-Elem.	Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Mar Elias East	657	7,880	4,631	2,553	15,721	0/2,680	0/1,300	0/350	0/4,330
Mar Elias West	691	8,295	4,874	2,688	16,548	0/800	0/1,400	0/400	0/2,600
Mazraa	781	9,373	5,508	3,037	18,700	0/1,750	0/1,150	0/650	0/3,550
Ras Beirut	1,196	14,351	8,433	4,650	28,629	0/1,850	0/1,200	0/1,600	0/4,650
Tarik El Jdideh	836	10,037	5,898	3,252	20,023	0/2,100	0/1,550	0/950	0/4,600
Wata	159	1,908	1,121	618	3,806	0/1,600	0/1,250	0/600	0/3,450
Ashrafyeh	335	4,024	2,365	1,304	8,028	0/270	0/1,150	0/900	0/2,320
Jemmayzeh	186	2,234	1,313	724	4,457	0/110	0/160		0/270
Sioufi	97	1,166	685	378	2,326				
TOTAL	4,939	59,269	34,827	19,203	118,238	0/11,160	0/9,160	0/5,450	0/25,770

CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS									
	SQUARE METERS				TOTAL COST IN \$			TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Mar Elias East	9,626	8,259	3,439	21,324	3,632,385	3,104,078	1,285,773	8,022,235	401,112	8,423,347
Mar Elias West	6,356	6,879	3,439	16,674	2,401,765	2,571,545	1,285,773	6,259,083	312,954	6,572,037
Mazraa	7,580	8,259	4,819	20,658	2,883,370	3,104,078	1,818,305	7,805,753	390,288	8,196,040
Ras Beirut	10,758	9,639	4,819	25,216	4,084,253	3,636,610	1,818,305	9,539,168	476,958	10,016,126
Tarik El Jdideh	10,758	9,639	6,879	27,275	4,084,253	3,636,610	2,571,545	10,292,408	514,620	10,807,028
Wata	4,402	3,439	2,090	9,931	1,682,488	1,285,773	763,153	3,731,413	186,571	3,917,983
Ashrafyeh	4,402	5,503	2,090	11,994	1,682,488	2,040,443	763,153	4,486,083	224,304	4,710,387
Jemmayzeh	7,580	5,503	2,090	15,172	2,883,370	2,040,443	763,153	5,686,965	284,348	5,971,313
Sioufi	3,178	3,439	2,090	8,707	1,200,883	1,285,773	763,153	3,249,808	162,490	3,412,298
TOTAL	64,638	60,558	31,755	156,951	24,535,253	22,705,350	11,832,310	59,072,913	2,953,646	62,026,558



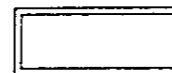
TOTAL COST IN \$

PUBLIC SCHOOL ALLOCATION FOR YEAR 2005

MOHAFAZAT : BEIRUT



Special Case Geographic



Special Case Socio-Economic

Existing Retained School

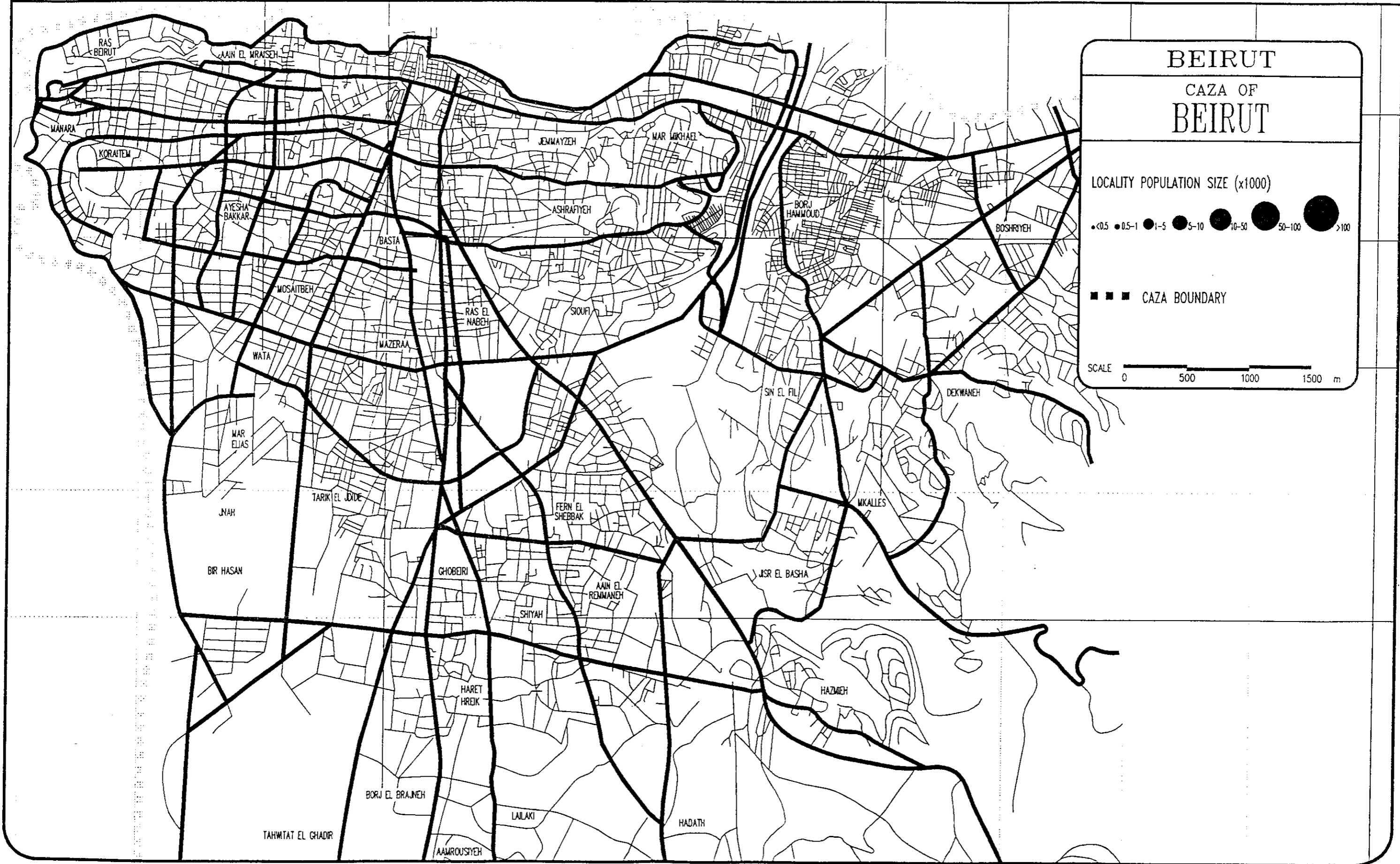
LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Ashrafyeh				1		1	1			1			
Jemmayzeh			1	1		1	1			1			
Mar Elias East		1	1	1			1	1			1		
Mar Elias West			2				2				1		
Mazraa			1	1			1	1				1	
Ras Beirut			2	1				2				1	*
Sioufi			1				1			1			
Tarik El Jdideh			2	1				2			2		
Wata				1			1			1			
TOTAL		1	10	7		2	8	6		4	4	2	1

44 NEW SCHOOLS IN 9 LOCALITIES

USING 1 SITES FROM A TOTAL OF 1 LANDS AVAILABLE

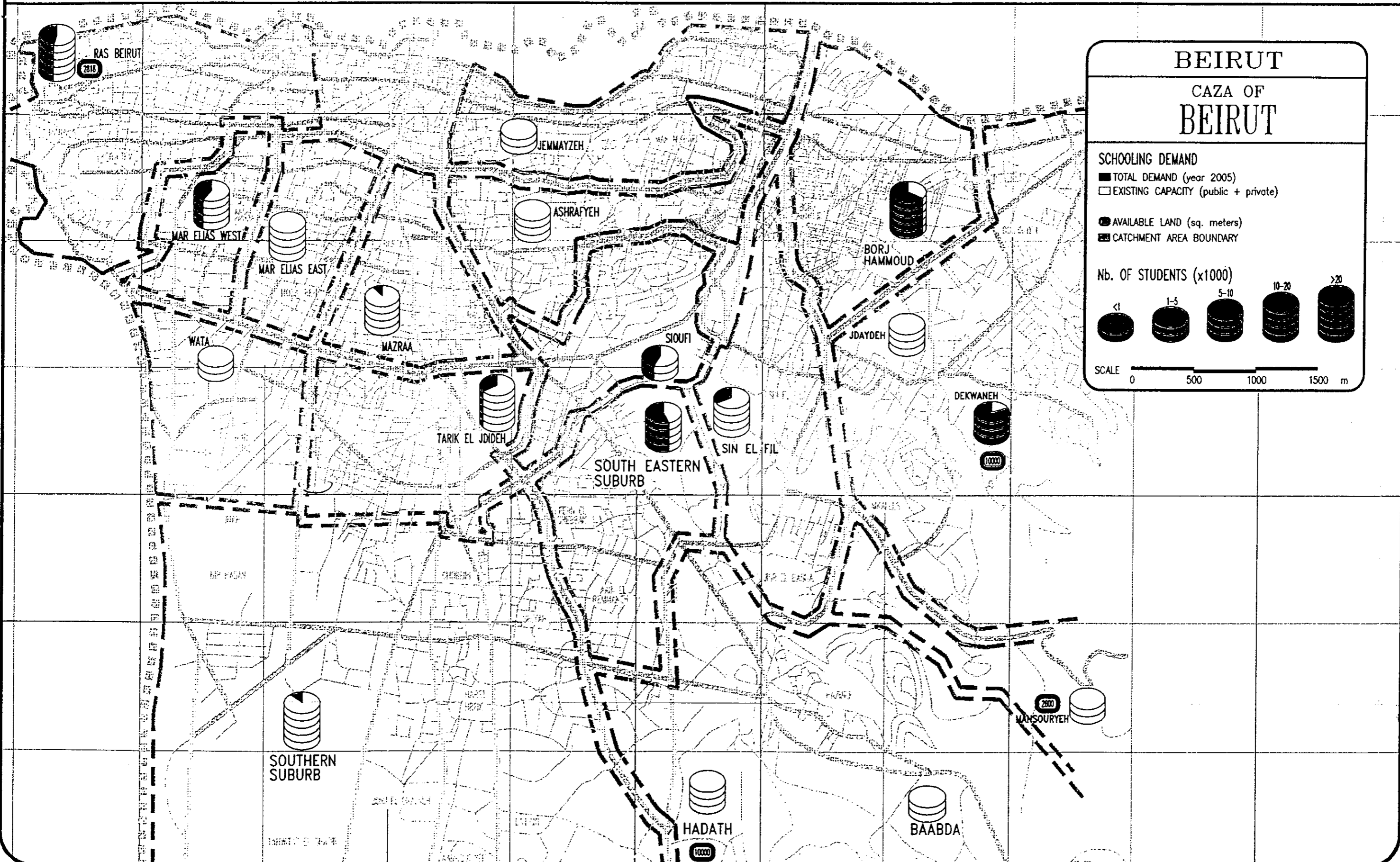
SCHOOL REGROUPING PROJECT

BASE MAP



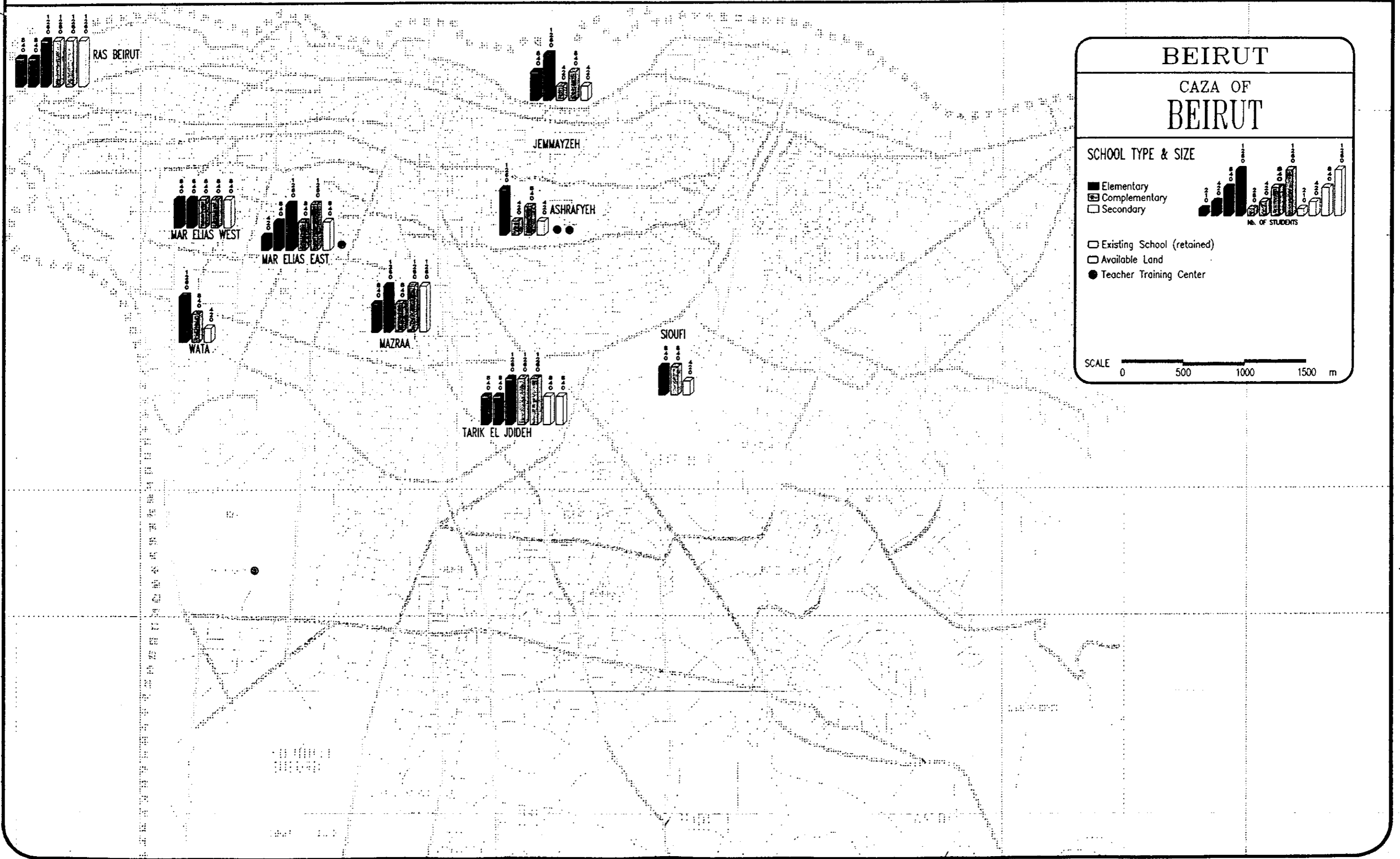
SCHOOL REGROUPING PROJECT

CONSTRAINTS & OPPORTUNITIES



SCHOOL REGROUPING PROJECT

FUTURE SCHOOLS



BEKAA

BAALBAK

CAZA SUMMARY

MOHAFAZAT : BEKAA

CAZA : BAALBAK

Average Growth Rate : 2.83%
 2002 Population : 239,669
 2005 Population : 260,570
 Pre-Elementary schooling population : 1.19% of total
 Elementary schooling population : 14.27% of total
 Complementary schooling population : 7.95% of total
 Secondary schooling population : 3.53% of total

1 - POPULATION ESTIMATES

STRATEGIC AREA	YEAR	
	2002	2005
Baalbak	67,880	73,800
Barka	1,959	2,130
Bazalyeh Tawfikieh	3,017	3,280
Bednayel	24,006	26,100
Bouday	11,985	13,030
Deir El Ahmar	13,944	15,160
Eersal	17,182	18,680
Fakiha	18,331	19,930
Kaa	1,913	2,080
Maaraboun	2,042	2,220
Makneh	6,595	7,170
Nabha	3,698	4,020
Nabi Shit	17,347	18,860
Shaat	6,107	6,640
Shmistar	21,560	23,440
Talya	16,786	18,250
Yammounch	5,316	5,780
TOTAL	239,669	260,570

2 - SCHOOLING POPULATION

STRATEGIC AREA	TOTAL NUMBER OF STUDENTS								
	TOTAL DEMAND (2005)					PUBLIC (State/Non-State Owned)			
	Pre-Elem.	Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Baalbak	878	10,535	5,867	2,604	19,883	300/2,090	0/1,590		300/3,680
Barka	25	304	169	75	574	120/100	40/0		160/100
Bazalyeh Tawfikieh	39	468	261	116	884	0/330	0/30		0/360
Bednayel	310	3,726	2,075	921	7,032	? 1,120/860	430/390	160/0	1,710/1,250
Bouday	155	1,860	1,036	460	3,510	40/720	0/250		40/970
Deir El Ahmar	180	2,164	1,205	535	4,084	20/200	350/40	100/0	470/240
Eersal	222	2,667	1,485	659	5,033	950/0	480/0	0/140	1,430/140
Fakiha	237	2,845	1,584	703	5,369	790/560	350/190	0/330	1,140/1,080
Kaa	25	297	165	73	560	0/120	0/80		0/200
Maaraboun	26	317	176	78	598	0/120	0/120		0/240
Makneh	85	1,023	570	253	1,932	330/510	90/0		420/510
Nabha	48	574	320	142	1,083	0/320	0/60		0/380
Nabi Shit	224	2,692	1,499	665	5,081	70/600	0/320		70/920
Shaat	79	948	528	234	1,789	0/610	0/150		0/760
Shmistar	279	3,346	1,863	827	6,315	570/960	330/410	70/270	970/1,640
Talya	217	2,605	1,451	644	4,917	600/210	120/50		720/260
Yammounch	69	825	459	204	1,557	150/200	20/0		170/200
TOTAL	3,100	37,195	20,714	9,193	70,202	5,060/8,510	2,210/3,680	330/740	7,600/12,930

CAZA SUMMARY (cont.)

① c'est faux car ce qui est alteré c'est l'année primaire et l'estimation fait suite au nb d'élèves en cours elle augmentera par conséquent 1650 élèves minimum c'est sur ce chiffre.

3 - PUBLIC SCHOOL STUDENTS IN 2005

STRATEGIC AREA	EXISTING CAPACITY (To be Retained After Upgrading)				ADDITIONAL CAPACITY TO BE PROVIDED FOR			
	Pre-Elem./Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Baalbak	630			630	2,730	1,960	1,050	5,740
Barka	210	280		490		280		280
Bazalyeh Tawfikieh					210			210
Bednayel	1,680	560		2,240	630	420	420	1,470
Bouday	210			210	630	280	210	1,120
Deir El Ahmar	210	420	210	840	630	280	210	1,120
Eersal	840	700		1,540	840	420	420	1,680
Fakiha	1,470	280		1,750	840	980	210	2,030
Kaa					210	280		490
Maaraboun					210	280		490
Makneh	420			420	210	280		490
Nabha					210	280	210	700
Nabi Shit	210			210	1,050	700	210	1,960
Shaat					630	280		910
Shmistar	630	280		910	840	840	210	1,890
Talya	630	560		1,190	630	280	210	1,120
Yammouneh	420			420	420			420
TOTAL	7,560	3,080	210	10,850	10,920	7,840	3,360	22,120

1470
2240
3610

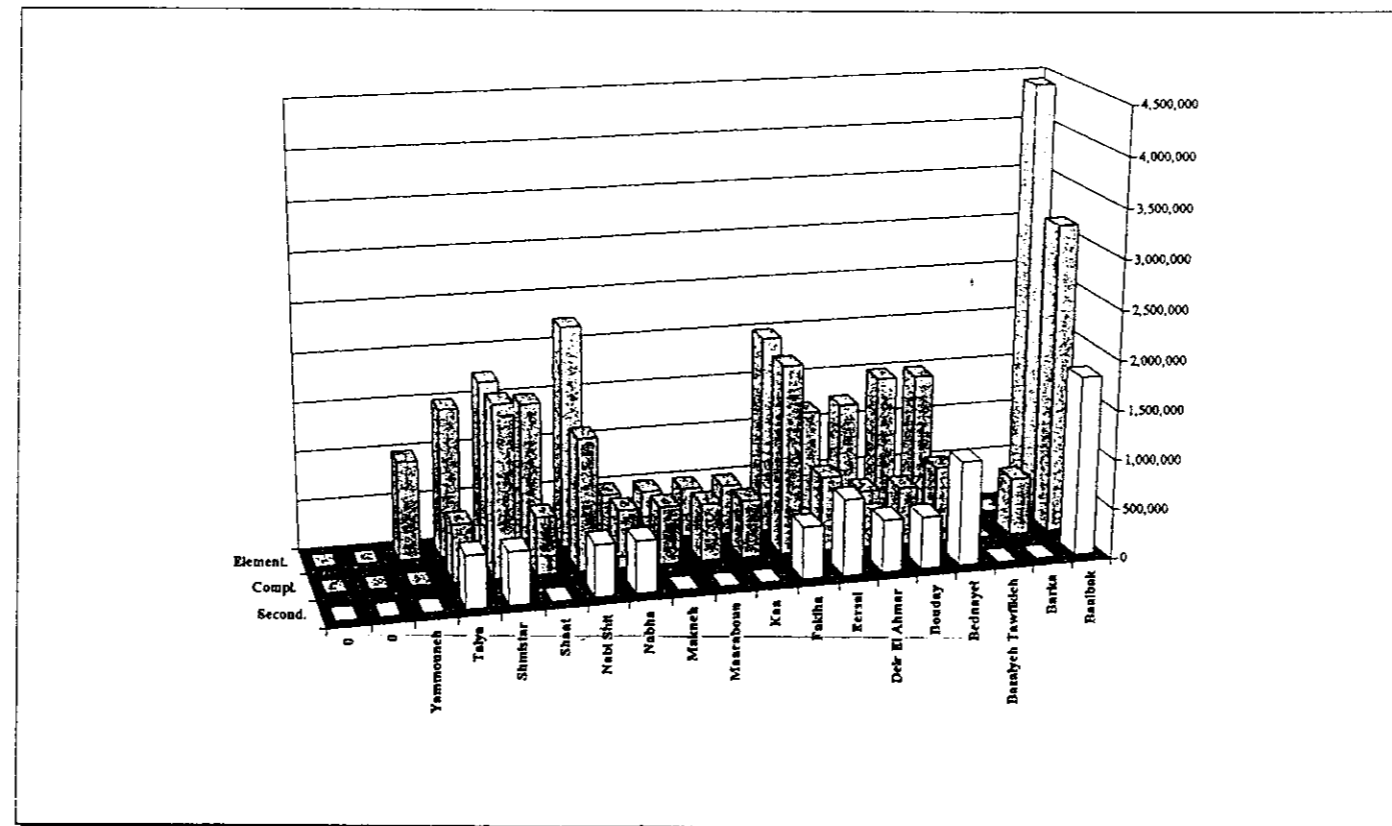
4 - ADDITIONAL NUMBER OF SCHOOLS REQUIRED IN 2005

STRATEGIC AREA	TOTAL NUMBER OF SCHOOLS														
	ELEMENTARY					COMPLEMENTARY					SECONDARY				
	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL
Baalbak	1	3		1	5	1	1		1	3	1		1		2
Barka						1				1					
Bazalyeh Tawfikieh	1				1										
Bednayel	3				3		1			1	2				2
Bouday	3				3	1				1	1				1
Deir El Ahmar	1	1			2	1				1	1				1
Eersal			1		1		1			1		1			1
Fakiha	4				4	2	1			3	1				1
Kaa	1				1	1				1					
Maaraboun	1				1	1				1					
Makneh	1				1	1				1					
Nabha	1				1	1				1	1				1
Nabi Shit	3	1			4	1	1			2	1				1
Shaat	3				3	1				1					
Shmistar	2	1			3	3				3	1				1
Talya	3				3	1				1	1				1
Yammouneh	2				2										
TOTAL	30	6	1	1	38	16	5		1	22	10	1	1		12

CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS									
	SQUARE METERS				TOTAL COST IN \$			TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Baalbak	11,944	8,494	4,920	25,357	4,427,833	3,152,485	1,808,838	9,389,155	469,458	9,858,613
Barka		1,611		1,611		579,510		579,510	28,976	608,486
Bazalyeh Tawfikieh	1,404			1,404	498,300			498,300	24,915	523,215
Bednayel	4,212	2,064	2,960	9,236	1,494,900	754,670	1,046,130	3,295,700	164,785	3,460,485
Bouday	4,212	1,611	1,480	7,303	1,494,900	579,510	523,065	2,597,475	129,874	2,727,349
Deir El Ahmar	3,450	1,611	1,480	6,541	1,247,315	579,510	523,065	2,349,890	117,495	2,467,385
Eersal	3,178	2,064	2,090	7,331	1,200,883	754,670	763,153	2,718,705	135,935	2,854,640
Fakiha	5,616	5,285	1,480	12,381	1,993,200	1,913,690	523,065	4,429,955	221,498	4,651,453
Kaa	1,404	1,611		3,015	498,300	579,510		1,077,810	53,891	1,131,701
Maaraboun	1,404	1,611		3,015	498,300	579,510		1,077,810	53,891	1,131,701
Makneh	1,404	1,611		3,015	498,300	579,510		1,077,810	53,891	1,131,701
Nabha	1,404	1,611	1,480	4,495	498,300	579,510	523,065	1,600,875	80,044	1,680,919
Nabi Shit	6,258	3,674	1,480	11,413	2,243,915	1,334,180	523,065	4,101,160	205,058	4,306,218
Shaat	4,212	1,611		5,823	1,494,900	579,510		2,074,410	103,721	2,178,131
Shmistar	4,854	4,832	1,480	11,167	1,745,615	1,738,530	523,065	4,007,210	200,361	4,207,571
Talya	4,212	1,611	1,480	7,303	1,494,900	579,510	523,065	2,597,475	129,874	2,727,349
Yammouneh	2,808			2,808	996,600			996,600	49,830	1,046,430
TOTAL	61,977	40,910	20,331	123,218	22,326,460	14,863,815	7,279,575	44,469,850	2,223,493	46,693,343

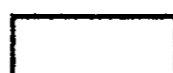


TOTAL COST IN \$

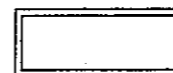
PUBLIC SCHOOL ALLOCATION FOR YEAR 2005 - Continued

CAZA : BAALBAK

MOHAFAZAT : BEKAA



Special Case Geographic



Special Case Socio-Economic

Existing Retained School

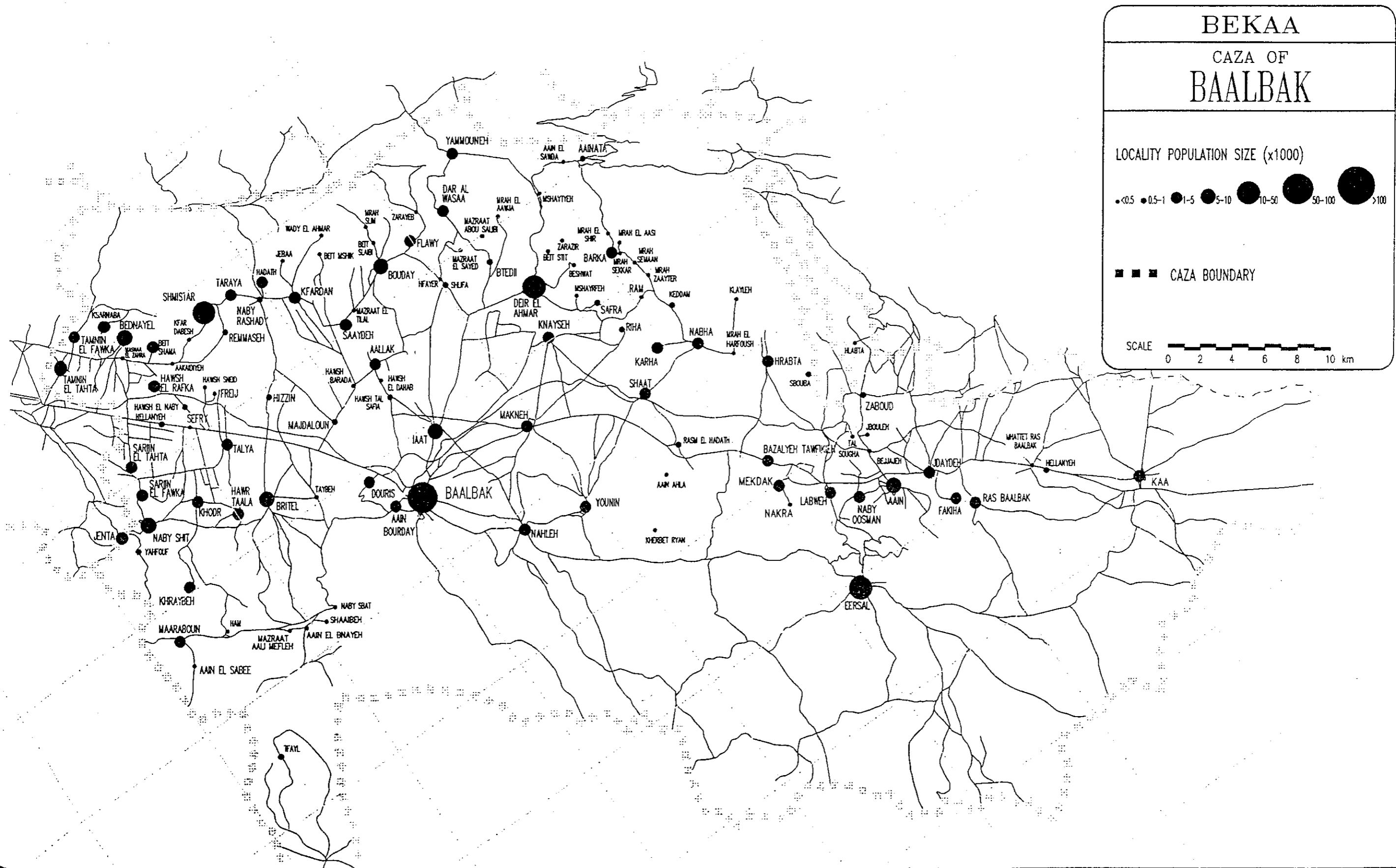
LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Majdaloun	1												*
Makneh					1								*
Mshaytyeh													*
Nabha	1				1				1				*
Naby Oosman	1				1								*
Naby Rashady													*
Naby Shit		1				1			1				*
Nahleh													*
Ras Baalbak	1												*
Rasm El Hadath	1												*
Saaydeh	1												*
Sariin El Fawka	1												*
Shaat	1				1								*
Shlifa	1												*
Shmistar		1			1				1				*
Talya													*
Tammn El Tahta									1				*
Taraya					1								*
Yammouneh	1												*
Younin	1												*
Zaboud	1												*
Zarayeb													*
TOTAL	30	6	1	1	16	5		1	10	1	1		29

72 NEW SCHOOLS IN 44 LOCALITIES

USING 29 SITES FROM A TOTAL OF 28 LANDS AVAILABLE

SCHOOL REGROUPING PROJECT

BASE MAP



SCHOOL REGROUPING PROJECT

CONSTRAINTS & OPPORTUNITIES

BEKAA
CAZA OF
BAALBAK

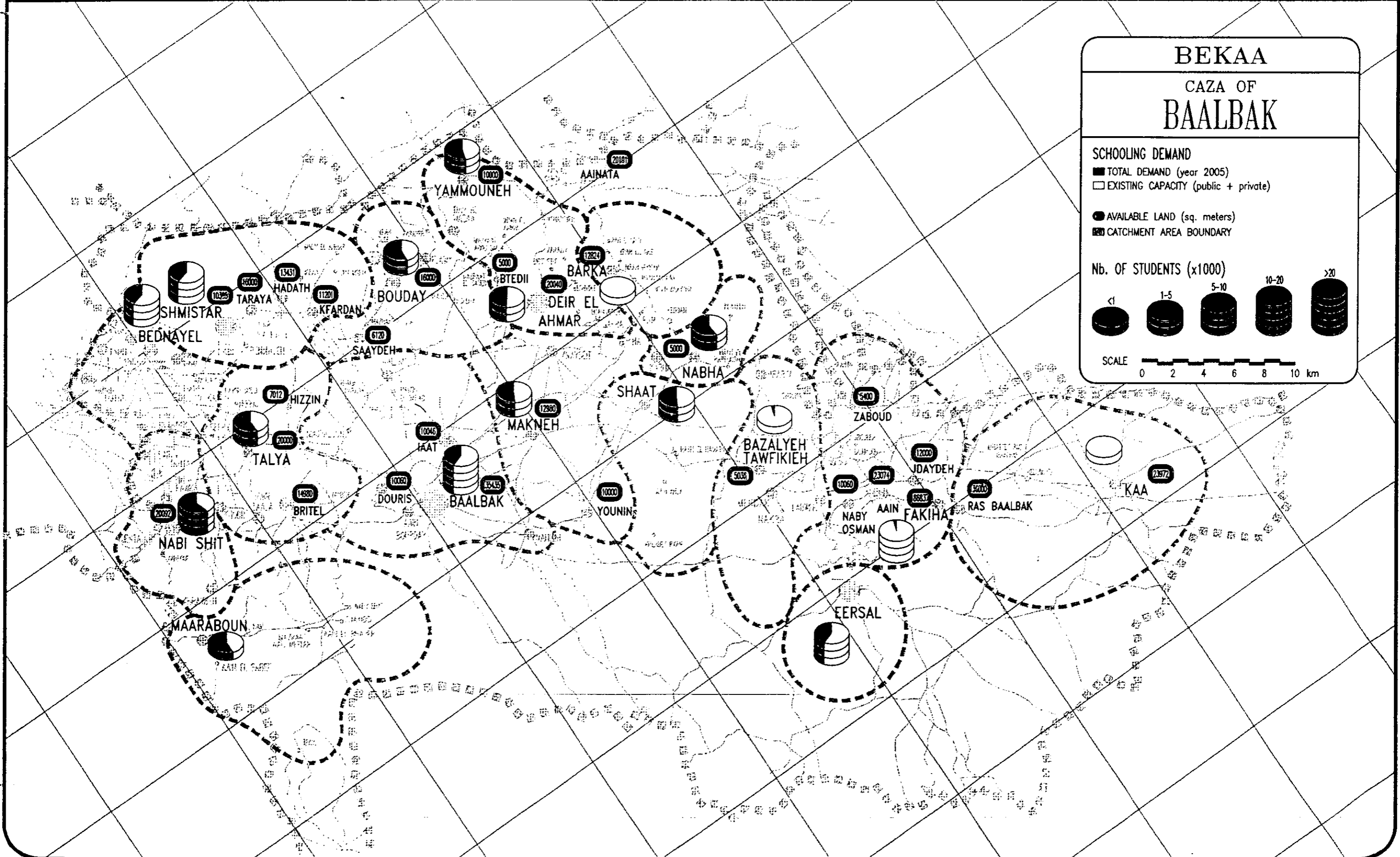
SCHOOLING DEMAND
 ■ TOTAL DEMAND (year 2005)
 □ EXISTING CAPACITY (public + private)

● AVAILABLE LAND (sq. meters)
 - - - CATCHMENT AREA BOUNDARY

Nb. OF STUDENTS (x1000)

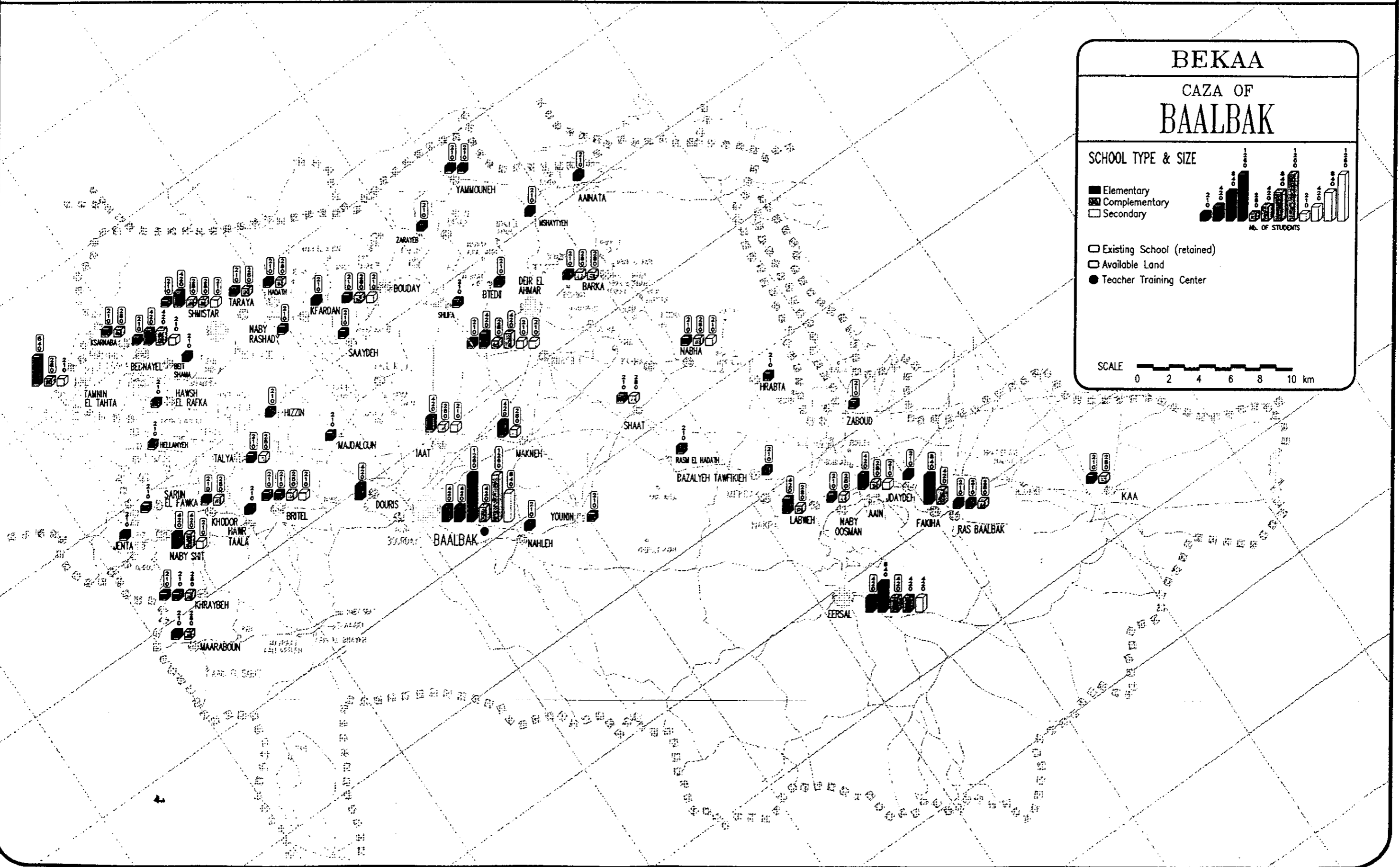
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SCALE 0 2 4 6 8 10 km



SCHOOL REGROUPING PROJECT

FUTURE SCHOOLS



HERMEL

CAZA SUMMARY

MOHAFAZAT : BEKAA

CAZA : HERMEL

Average Growth Rate : 2.98%
 2002 Population : 52,832
 2005 Population : 57,690
 Pre-Elementary schooling population : 1.19% of total
 Elementary schooling population : 14.28% of total
 Complementary schooling population : 8.44% of total
 Secondary schooling population : 3.56% of total

1 - POPULATION ESTIMATES

STRATEGIC AREA	YEAR	
	2002	2005
Boustan	4,533	4,950
Faara	604	660
Hermel	29,974	32,730
Kasr	9,121	9,960
Marjahin	2,509	2,740
Sharbin	5,705	6,230
Wady Bnit	385	420
TOTAL	52,832	57,690

2 - SCHOOLING POPULATION

STRATEGIC AREA	TOTAL NUMBER OF STUDENTS								
	TOTAL DEMAND (2005)					PUBLIC (State/Non-State Owned)			
	Pre-Elem.	Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Boustan	59	707	418	176	1,360	0/370			0/370
Faara	8	94	56	23	181	0/90			0/90
Hermel	389	4,674	2,763	1,165	8,991	690/620	240/250	0/90	930/960
Kasr	119	1,422	841	354	2,736	220/510	30/30		250/540
Marjahin	33	391	231	98	753	30/70			30/70
Sharbin	74	890	526	222	1,711	110/250	0/20		110/270
Wady Bnit	5	60	35	15	115	40/120			40/120
TOTAL	687	8,238	4,869	2,053	15,847	1,090/2,030	270/300	0/90	1,360/2,420

CAZA SUMMARY (cont.)

3 - PUBLIC SCHOOL STUDENTS IN 2005

STRATEGIC AREA	EXISTING CAPACITY (To be Retained After Upgrading)				ADDITIONAL CAPACITY TO BE PROVIDED FOR			
	Pre-Elem./Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Boustan					420	280		700
Faara					210			210
Hermel	1,050	280		1,330	840	1,400	420	2,660
Kasr	420			420	210	560	210	980
Marjahin	210			210	210			210
Sharbin	420			420	420	560		980
Wady Bnit	210			210				
TOTAL	2,310	280		2,590	2,310	2,800	630	5,740

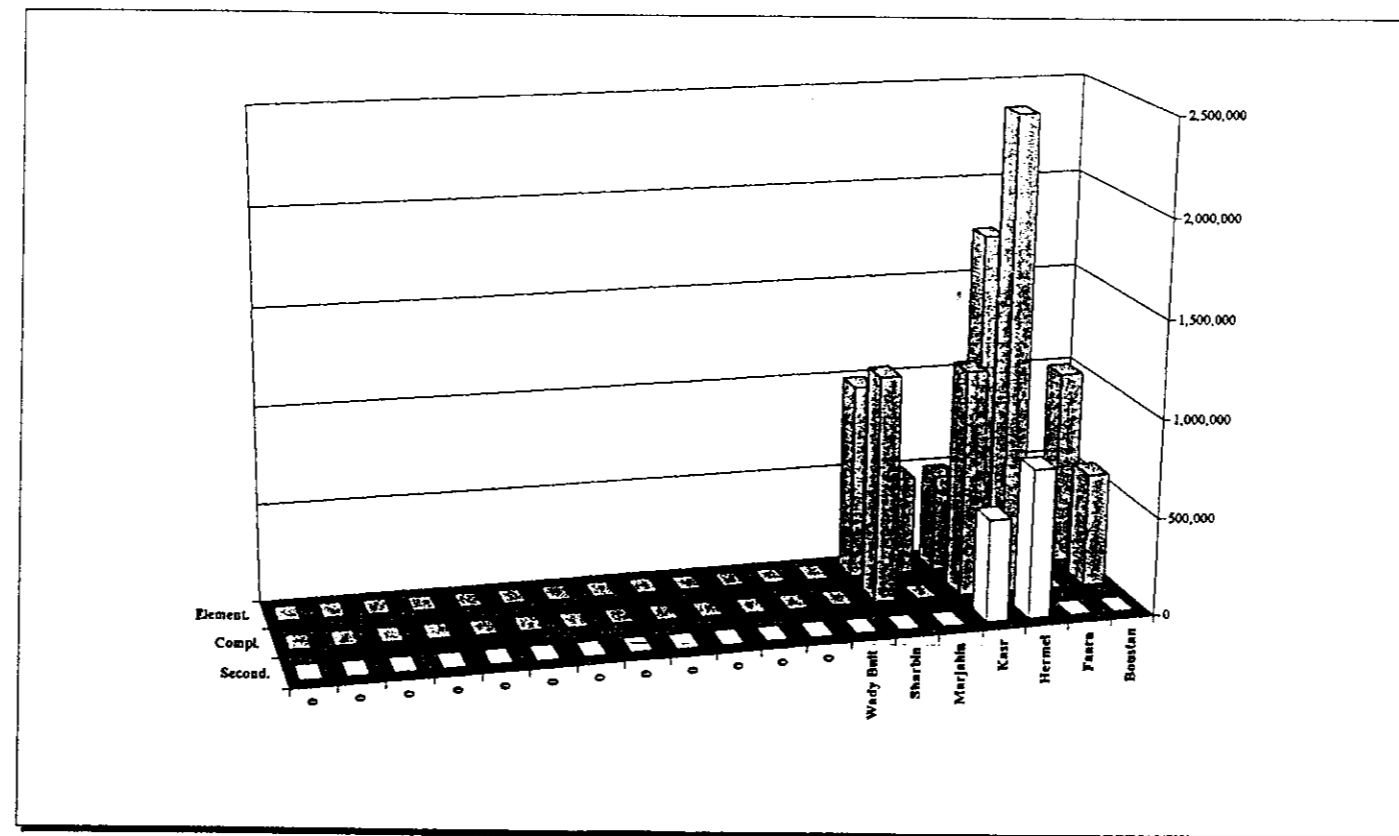
4 - ADDITIONAL NUMBER OF SCHOOLS REQUIRED IN 2005

STRATEGIC AREA	TOTAL NUMBER OF SCHOOLS														
	ELEMENTARY					COMPLEMENTARY					SECONDARY				
	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL
Boustan	2				2	1				1					
Faara	1				1										
Hermel	2	1			3	2		1		3		1			1
Kasr	1				1	2				2	1				1
Marjahin	1				1										
Sharbin	2				2	2				2					
Wady Bnit															
TOTAL	9	1			10	7		1		8	1	1			2

CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS									
	SQUARE METERS				TOTAL COST IN \$			TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Boustan	2,808	1,611		4,419	996,600	579,510		1,576,110	78,806	1,654,916
Faara	1,404			1,404	498,300			498,300	24,915	523,215
Hermel	4,854	6,661	2,090	13,605	1,745,615	2,444,793	763,153	4,953,560	247,678	5,201,238
Kasr	1,404	3,222	1,480	6,106	498,300	1,159,020	523,065	2,180,385	109,019	2,289,404
Marjahin	1,404			1,404	498,300			498,300	24,915	523,215
Sharbin	2,808	3,222		6,030	996,600	1,159,020		2,155,620	107,781	2,263,401
Wady Bnit										
TOTAL	14,682	14,715	3,570	32,967	5,233,715	5,342,343	1,286,218	11,862,275	593,114	12,455,389

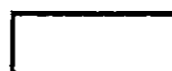


TOTAL COST IN \$

PUBLIC SCHOOL ALLOCATION FOR YEAR 2005

CAZA : HERMEL

MOHAFAZAT : BEKAA



Special Case Geographic



Special Case Socio-Economic

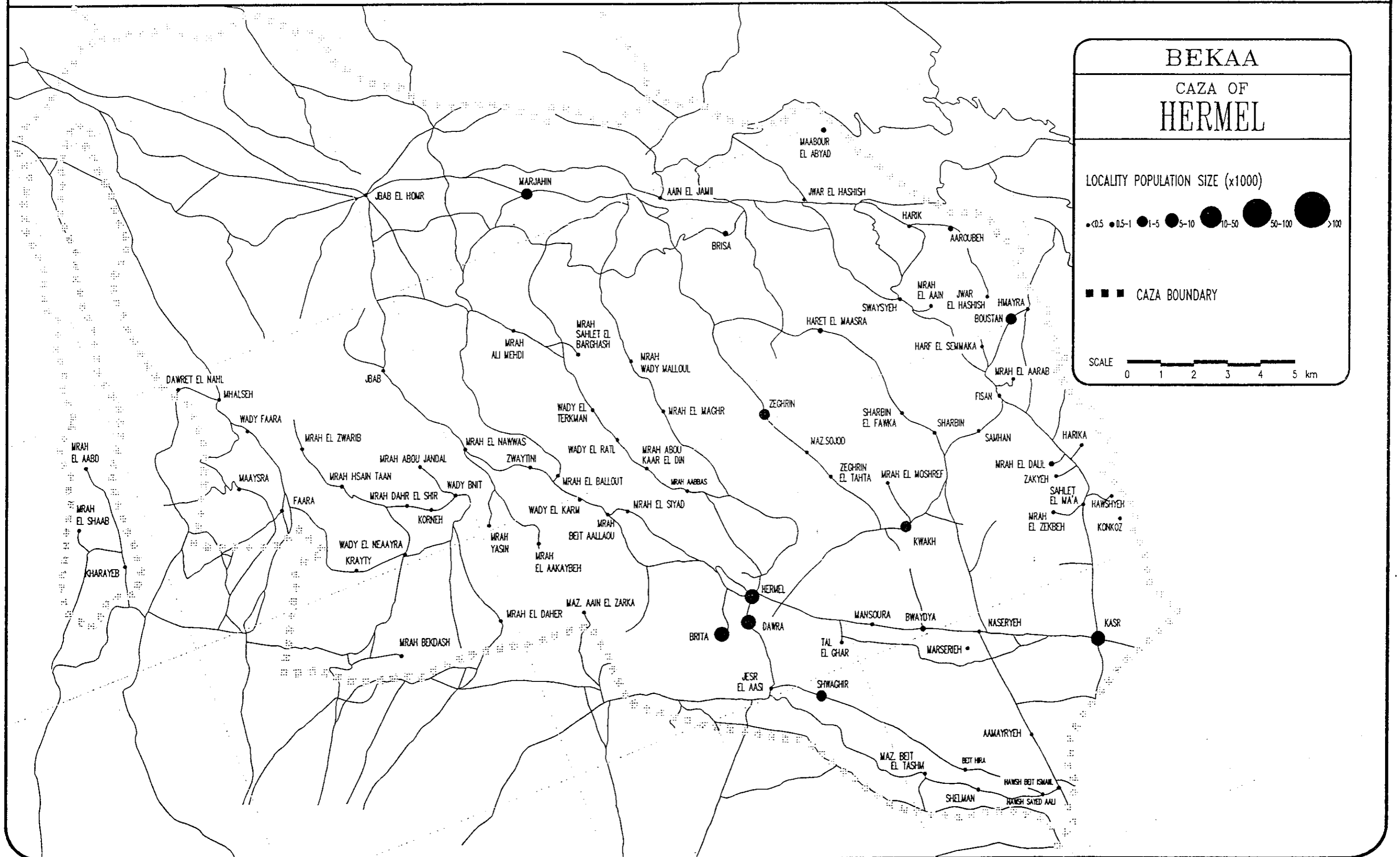
Existing Retained School

LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Bdita	1				1								
Boustan	1												
Dawra	1				1								
Faara	1												
Fisan	1				1								*
Harika													
Hermel		1					1			1			*
Kasr	1				1				1				
Kwakh													
Marjahin	1												
Sahlet El Ma'a					1								*
Sharbin	1				1								*
Shwaghir													
Wady El Ratl													
Zeghrin	1				1								
Zeghrin El Tahta													
Zwaytini													
TOTAL	9	1			7		1		1	1			4

20 NEW SCHOOLS IN 11 LOCALITIES

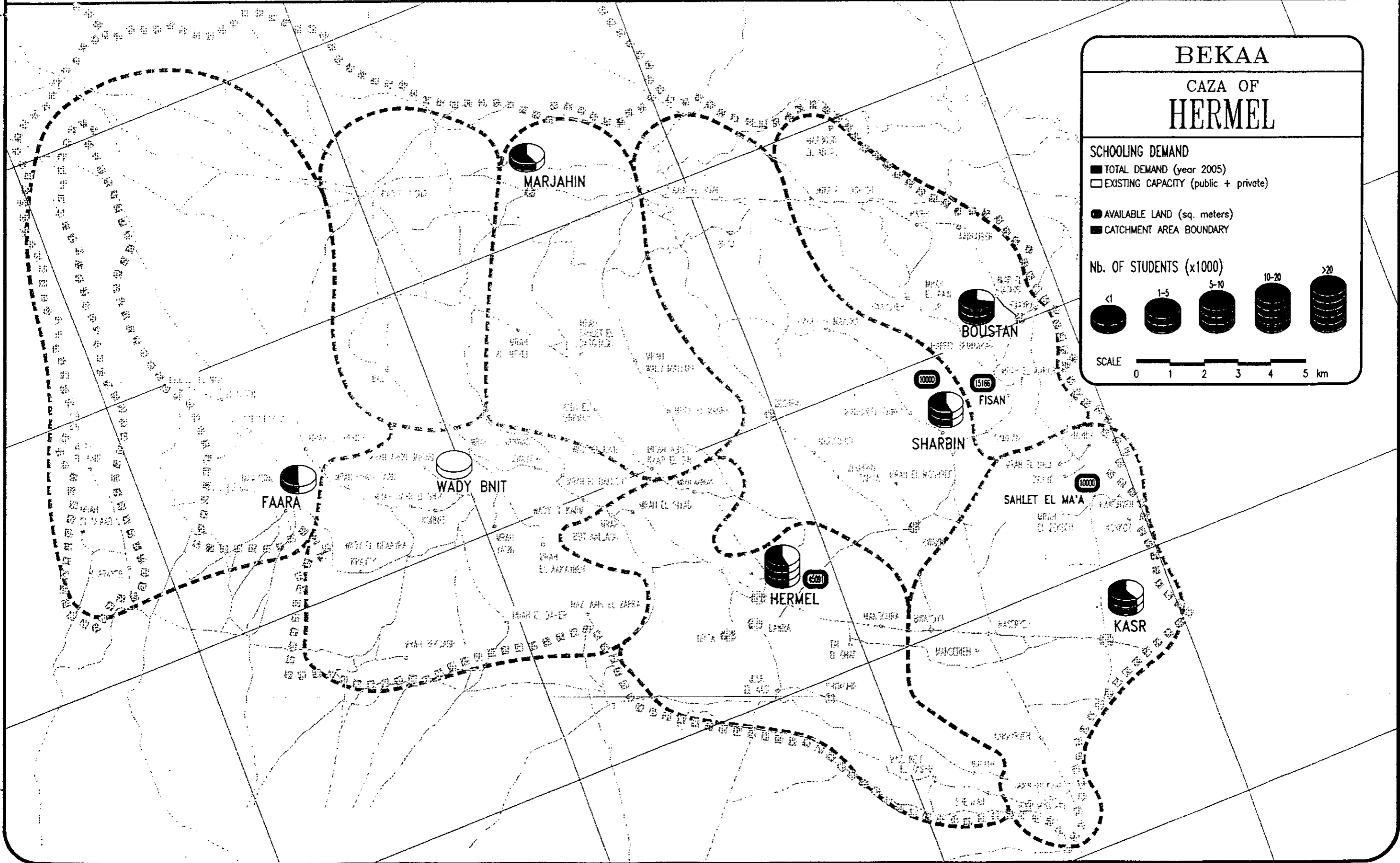
USING 4 SITES FROM A TOTAL OF 4 LANDS AVAILABLE

SCHOOL REGROUPING PROJECT BASE MAP



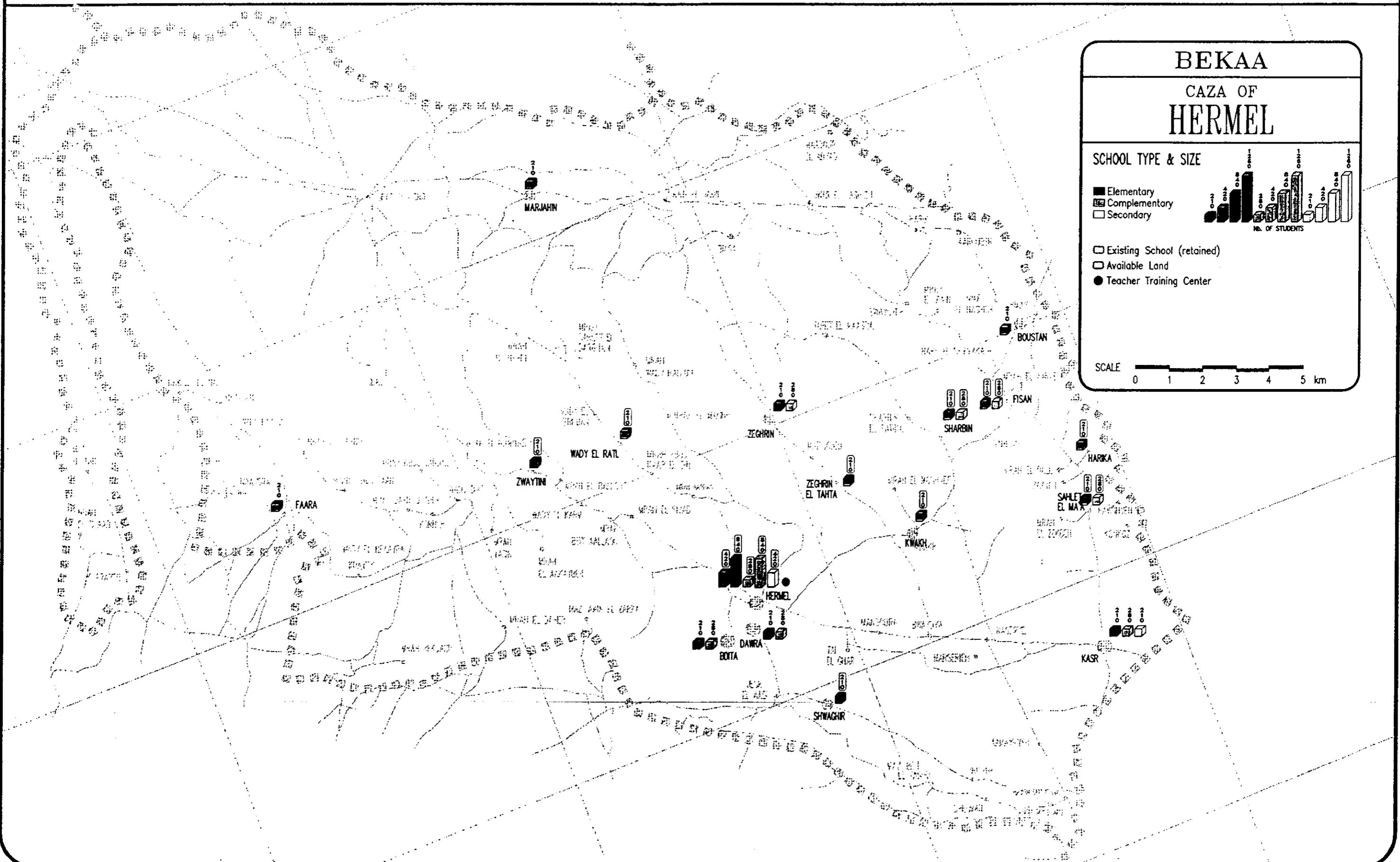
SCHOOL REGROUPING PROJECT

CONSTRAINTS & OPPORTUNITIES



SCHOOL REGROUPING PROJECT

FUTURE SCHOOLS



BEKAA
CAZA OF
HERMEL

SCHOOL TYPE & SIZE

- Elementary
- ▣ Complementary
- Secondary

Existing School (retained)
Available Land
● Teacher Training Center

SCALE 0 1 2 3 4 5 km

RASHAYA

CAZA SUMMARY

MOHAFAZAT : BEKAA

CAZA : RASHAYA

Average Growth Rate : 3.01%
 2002 Population : 49,692
 2005 Population : 54,320
 Pre-Elementary schooling population : 1.30% of total
 Elementary schooling population : 15.62% of total
 Complementary schooling population : 8.88% of total
 Secondary schooling population : 3.91% of total

1 - POPULATION ESTIMATES

STRATEGIC AREA	YEAR	
	2002	2005
Aayta El Fekhar	9,340	10,210
Majdel Balhis	6,111	6,680
Rafid	13,621	14,890
Rashaya	20,620	22,540
TOTAL	49,692	54,320

2 - SCHOOLING POPULATION

STRATEGIC AREA	TOTAL NUMBER OF STUDENTS								
	TOTAL DEMAND (2005)					PUBLIC (State/Non-State Owned)			
	Pre-Elem.	Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Aayta El Fekhar	133	1,595	906	399	3,033	100/440	0/170		100/610
Majdel Balhis	87	1,043	593	261	1,985	230/240	0/60		230/300
Rafid	194	2,325	1,322	582	4,424	860/470	130/170		990/640
Rashaya	293	3,520	2,001	882	6,696	1,130/980	410/240	0/190	1,540/1,410
TOTAL	707	8,484	4,823	2,124	16,137	2,320/2,130	540/640	0/190	2,860/2,960

CAZA SUMMARY (cont.)

Republic of Lebanon
Office of the Minister of State for Administrative Reform
Center for Public Sector Projects and Studies
(C.P.S.P.S.)

3 - PUBLIC SCHOOL STUDENTS IN 2005

STRATEGIC AREA	EXISTING CAPACITY (To be Retained After Upgrading)				ADDITIONAL CAPACITY TO BE PROVIDED FOR			
	Pre-Elem./Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Aayta El Fekhar	210			210	420	560		980
Majdel Balhis	420			420	420	280		700
Rafid	1,050	280		1,330	420	840	210	1,470
Rashaya	1,260	280		1,540	210	1,400	210	1,820
TOTAL	2,940	560		3,500	1,470	3,080	420	4,970

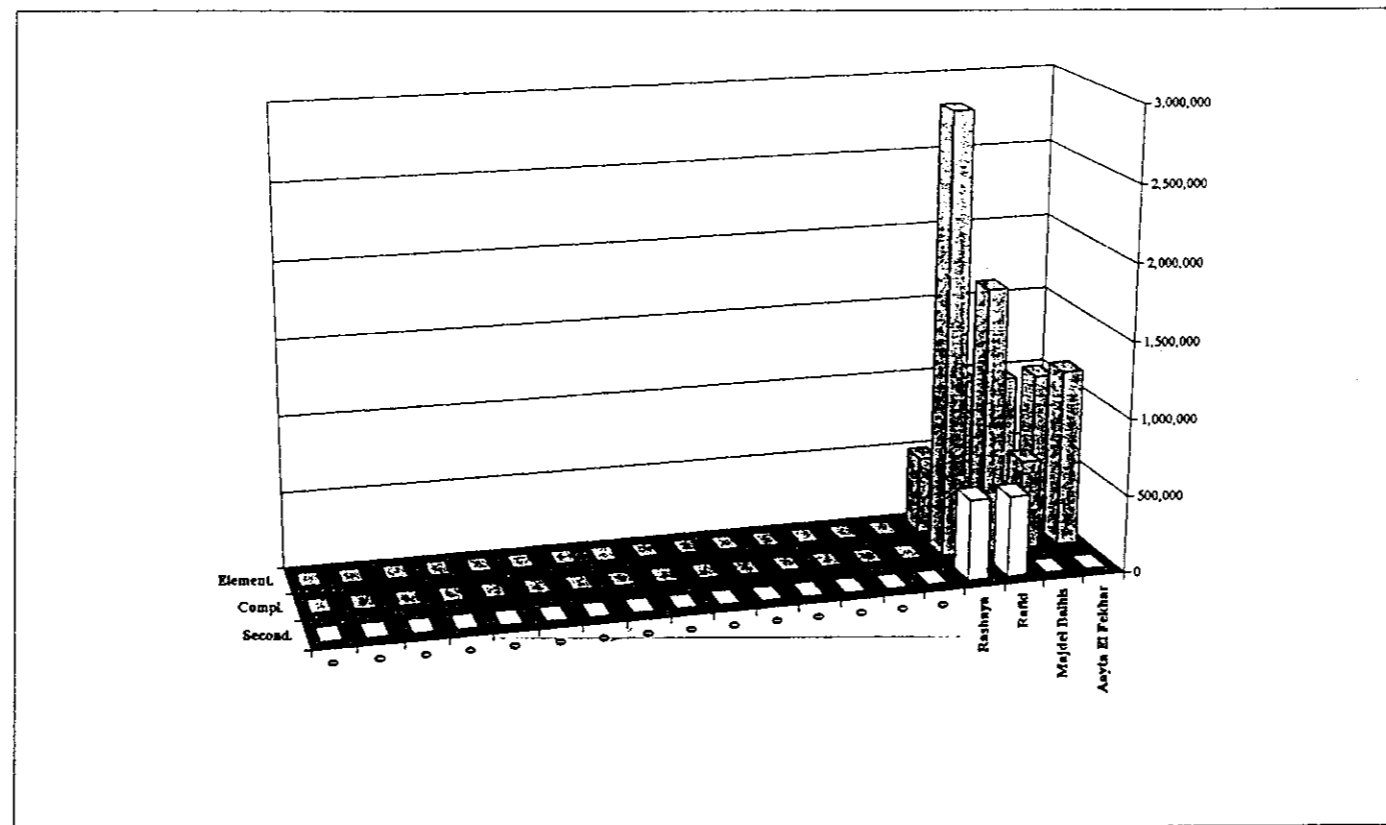
4 - ADDITIONAL NUMBER OF SCHOOLS REQUIRED IN 2005

STRATEGIC AREA	TOTAL NUMBER OF SCHOOLS														
	ELEMENTARY					COMPLEMENTARY					SECONDARY				
	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL
Aayta El Fekhar	2				2	2				2					
Majdel Balhis	2				2	1				1					
Rafid	2				2	3				3	1				1
Rashaya	1				1	5				5	1				1
TOTAL	7				7	11				11	2				2

CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS									
	SQUARE METERS				TOTAL COST IN \$			TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Aayta El Fekhar	2,808	3,222		6,030	996,600	1,159,020		2,155,620	107,781	2,263,401
Majdel Balhis	2,808	1,611		4,419	996,600	579,510		1,576,110	78,806	1,654,916
Rafid	2,808	4,832	1,480	9,121	996,600	1,738,530	523,065	3,258,195	162,910	3,421,105
Rashaya	1,404	8,054	1,480	10,938	498,300	2,897,550	523,065	3,918,915	195,946	4,114,861
TOTAL	9,828	17,719	2,960	30,507	3,488,100	6,374,610	1,046,130	10,908,840	545,442	11,454,282



TOTAL COST IN \$

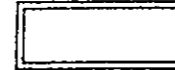
PUBLIC SCHOOL ALLOCATION FOR YEAR 2005

CAZA : RASHAYA

MOHAFAZAT : BEKAA



Special Case Geographic



Special Case Socio-Economic



Existing Retained School

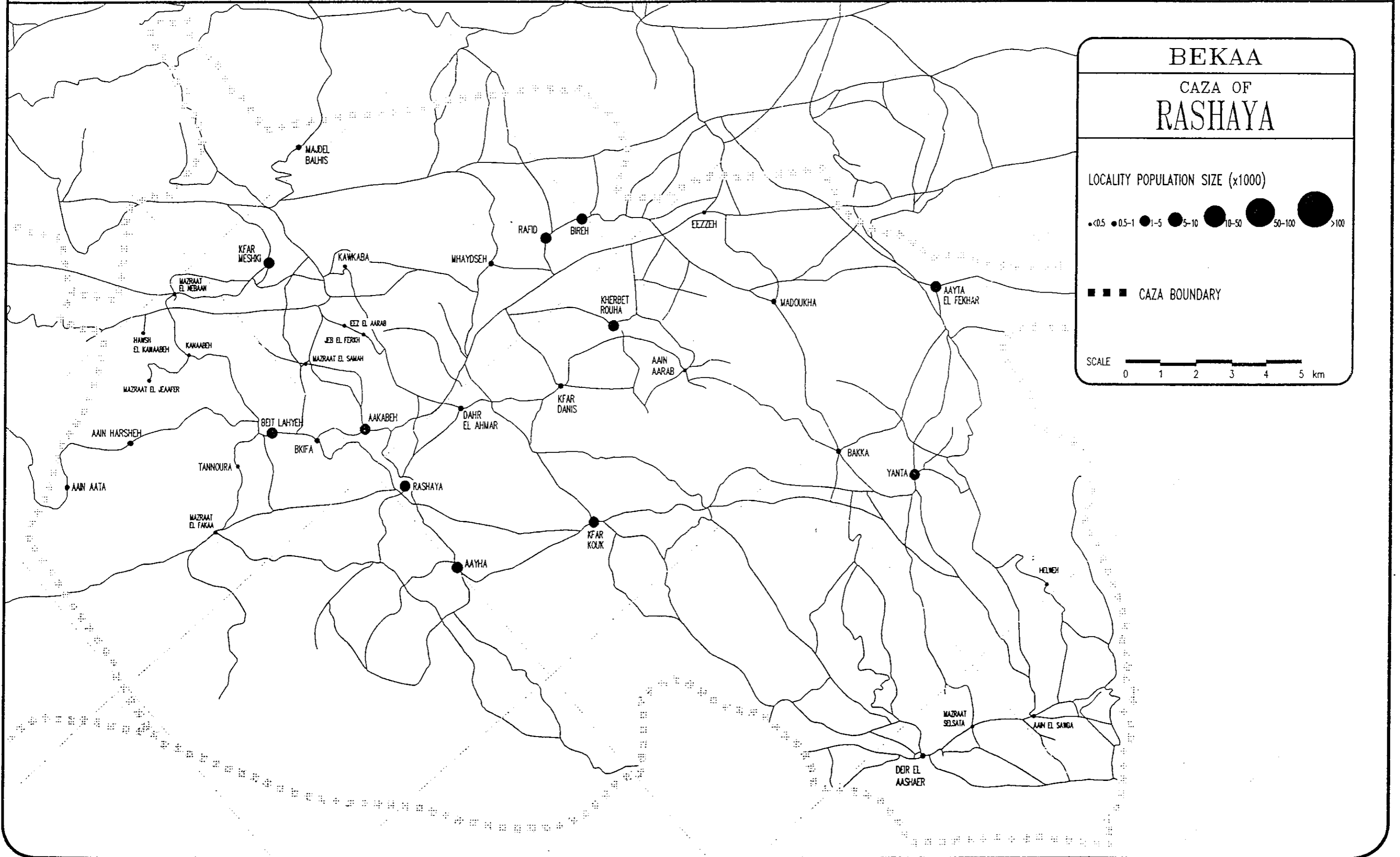
LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Aain Arab	1												
Aain Aata					1								*
Aain Harsheh					1								
Aakabeh													
Aayha													
Aayta El Fekhar	1												
Bakka													
Beit Lahyeh	1												
Bireh													
Bkifa					1								*
Dahr El Ahmar													
Deir El Aashaer					1								
Eez El Aarab													
Ezzeh													
Hawsh El Kanaabeh	1												*
Kfar Danis					1								
Kfar Kouk					1								
Kfar Meshki	1				1								*
Kherbet Rouha	1				1								
Madoukha													
Majdel Balhis													
Rafid					1				1				
Rashaya					1				1				*
Tannoura													
Yanta	1				1								*
TOTAL	7				11				2				6

20 NEW SCHOOLS IN 15 LOCALITIES

USING 6 SITES FROM A TOTAL OF 6 LANDS AVAILABLE

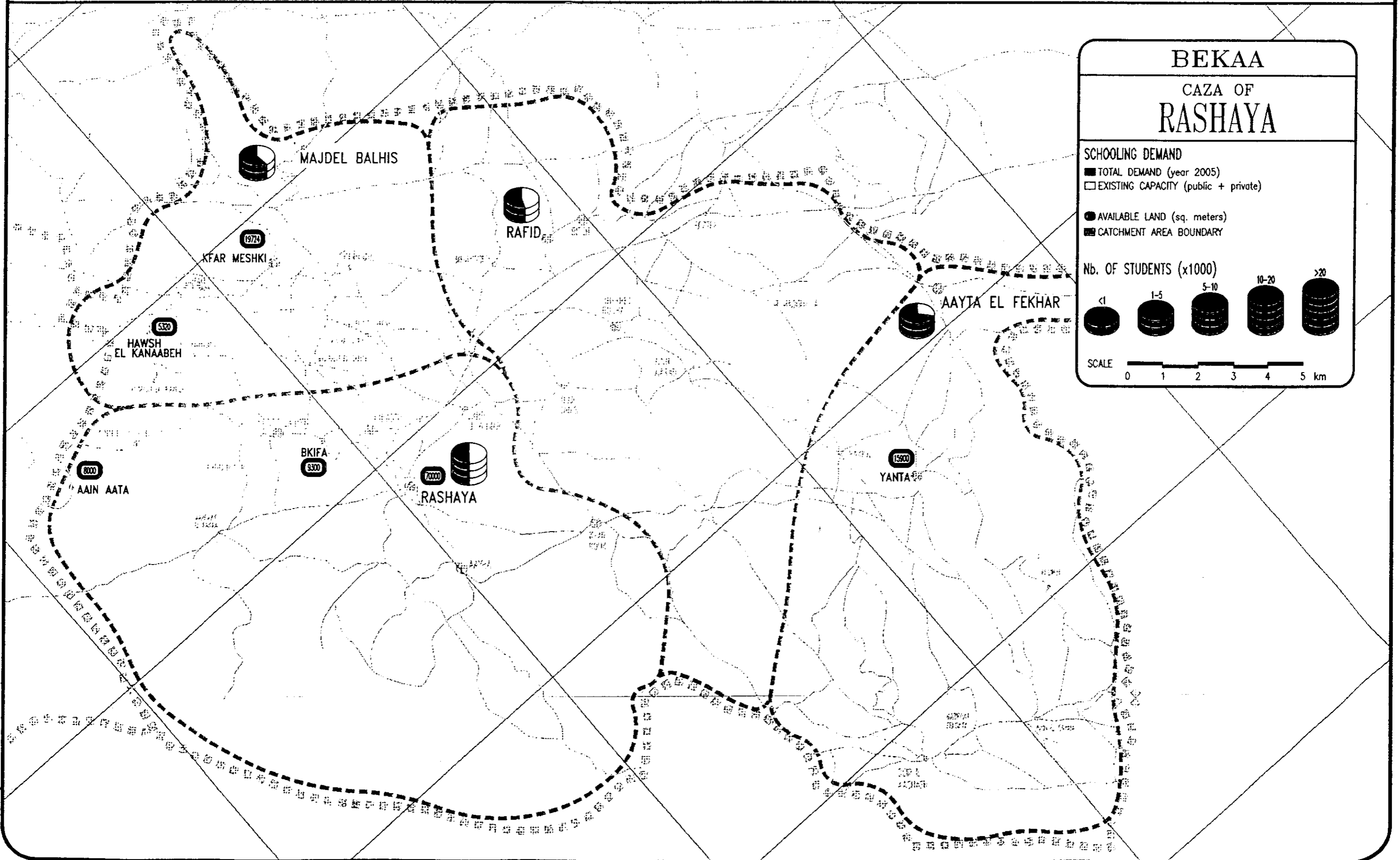
SCHOOL REGROUPING PROJECT

BASE MAP



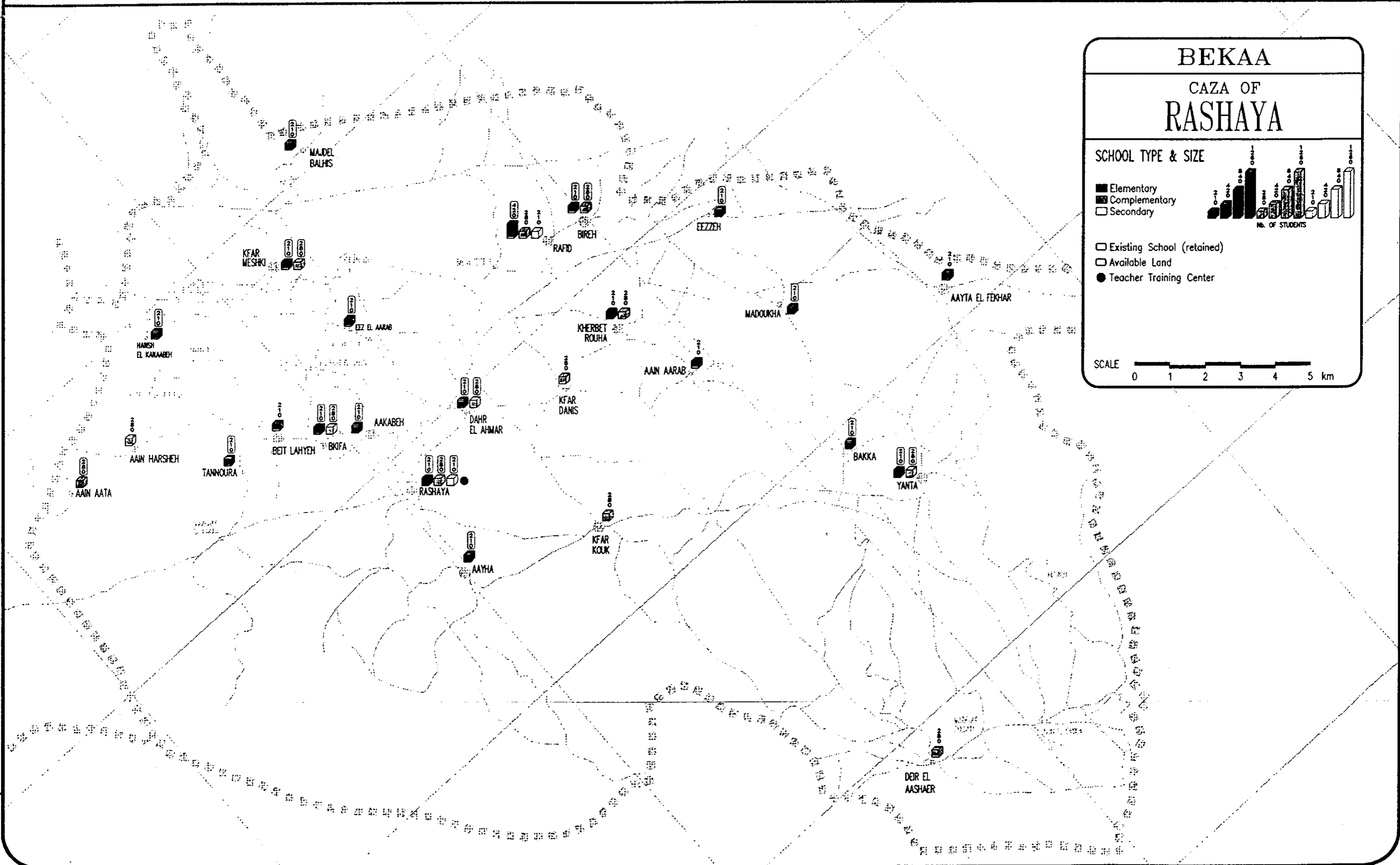
SCHOOL REGROUPING PROJECT

CONSTRAINTS & OPPORTUNITIES



SCHOOL REGROUPING PROJECT

FUTURE SCHOOLS



WEST BEKAA

CAZA SUMMARY

MOHAFAZAT : BEKAA

CAZA : WEST BEKAA

Average Growth Rate : 2.81%
 2002 Population : 91,662
 2005 Population : 99,610
 Pre-Elementary schooling population : 1.29% of total
 Elementary schooling population : 15.54% of total
 Complementary schooling population : 8.75% of total
 Secondary schooling population : 3.89% of total

1 - POPULATION ESTIMATES

STRATEGIC AREA	YEAR	
	2002	2005
Aana	3,773	4,100
GhazzeH	10,095	10,970
Hawsh El Harimeh	20,907	22,720
Jeb Jannin	19,444	21,130
Karaoun	4,233	4,600
Mashghara	13,325	14,480
Saghbin	8,889	9,660
Sohmor	10,997	11,950
TOTAL	91,662	99,610

2 - SCHOOLING POPULATION

STRATEGIC AREA	TOTAL NUMBER OF STUDENTS								
	TOTAL DEMAND (2005)					PUBLIC (State/Non-State Owned)			
	Pre-Elem.	Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Aana	53	637	359	160	1,208	130/210	100/30		230/240
GhazzeH	142	1,705	960	427	3,233	430/920	270/320	240/0	940/1,240
Hawsh El Harimeh	294	3,530	1,988	884	6,696	110/280	40/200		150/480
Jeb Jannin	274	3,283	1,849	822	6,228	470/610	590/250	650/0	1,710/860
Karaoun	60	715	402	179	1,356	160/140	180/50		340/190
Mashghara	187	2,250	1,267	563	4,268	290/560	330/60		620/620
Saghbin	125	1,501	845	376	2,847	0/40	0/180	0/150	0/370
Sohmor	155	1,857	1,046	465	3,522	470/720	90/270		560/990
TOTAL	1,290	15,477	8,715	3,876	29,358	2,060/3,480	1,600/1,360	890/150	4,550/4,990

CAZA SUMMARY (cont.)

3 - PUBLIC SCHOOL STUDENTS IN 2005

STRATEGIC AREA	EXISTING CAPACITY (To be Retained After Upgrading)				ADDITIONAL CAPACITY TO BE PROVIDED FOR			
	Pre-Elem./Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Aana	210			210	210	280		490
Ghazzeh	1,050	280	210	1,540	420	560	210	1,190
Hawsh El Harimeh	210			210	840	840	210	1,890
Jeb Jannin	840	280	840	1,960	420	560		980
Karaoun	420			420		280	210	490
Mashghara	840			840	210	420	210	840
Saghbin					630	280		910
Sohmor	420	280		700	630	280	210	1,120
TOTAL	3,990	840	1,050	5,880	3,360	3,500	1,050	7,910

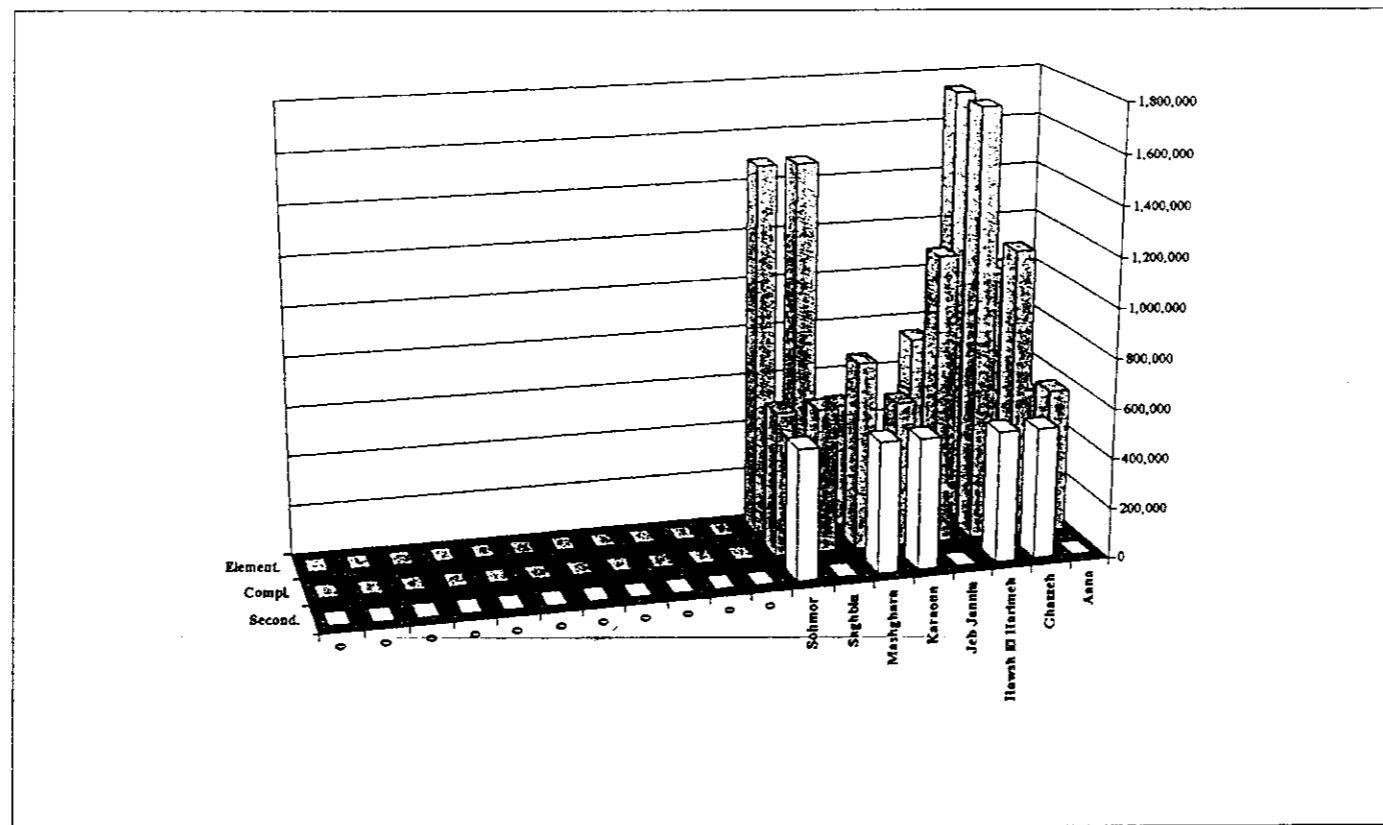
4 - ADDITIONAL NUMBER OF SCHOOLS REQUIRED IN 2005

STRATEGIC AREA	TOTAL NUMBER OF SCHOOLS														
	ELEMENTARY					COMPLEMENTARY					SECONDARY				
	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL
Aana	1				1	1				1					
Ghazzeh	2				2	2				2	1				1
Hawsh El Harimeh	2	1			3	3				3	1				1
Jeb Jannin		1			1	2				2					
Karaoun						1				1	1				1
Mashghara	1				1		1			1	1				1
Saghbin	3				3	1				1					
Sohmor	3				3	1				1	1				1
TOTAL	12	2			14	11	1			12	5				5

CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS									
	SQUARE METERS				TOTAL COST IN \$			TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Aana	1,404	1,611		3,015	498,300	579,510		1,077,810	53,891	1,131,701
Ghazzeh	2,808	3,222	1,480	7,510	996,600	1,159,020	523,065	2,678,685	133,934	2,812,619
Hawsh El Harimeh	4,854	4,832	1,480	11,167	1,745,615	1,738,530	523,065	4,007,210	200,361	4,207,571
Jeb Jannin	2,046	3,222		5,268	749,015	1,159,020		1,908,035	95,402	2,003,437
Karaoun		1,611	1,480	3,091		579,510	523,065	1,102,575	55,129	1,157,704
Mashghara	1,404	2,064	1,480	4,948	498,300	754,670	523,065	1,776,035	88,802	1,864,837
Saghbin	4,212	1,611		5,823	1,494,900	579,510		2,074,410	103,721	2,178,131
Sohmor	4,212	1,611	1,480	7,303	1,494,900	579,510	523,065	2,597,475	129,874	2,727,349
TOTAL	20,940	19,782	7,401	48,124	7,477,630	7,129,280	2,615,325	17,222,235	861,112	18,083,347



TOTAL COST IN \$

PUBLIC SCHOOL ALLOCATION FOR YEAR 2005

CAZA : WEST BEKAA

MOHAFAZAT : BEKAA



Special Case Geographic



Special Case Socio-Economic

Existing Retained School

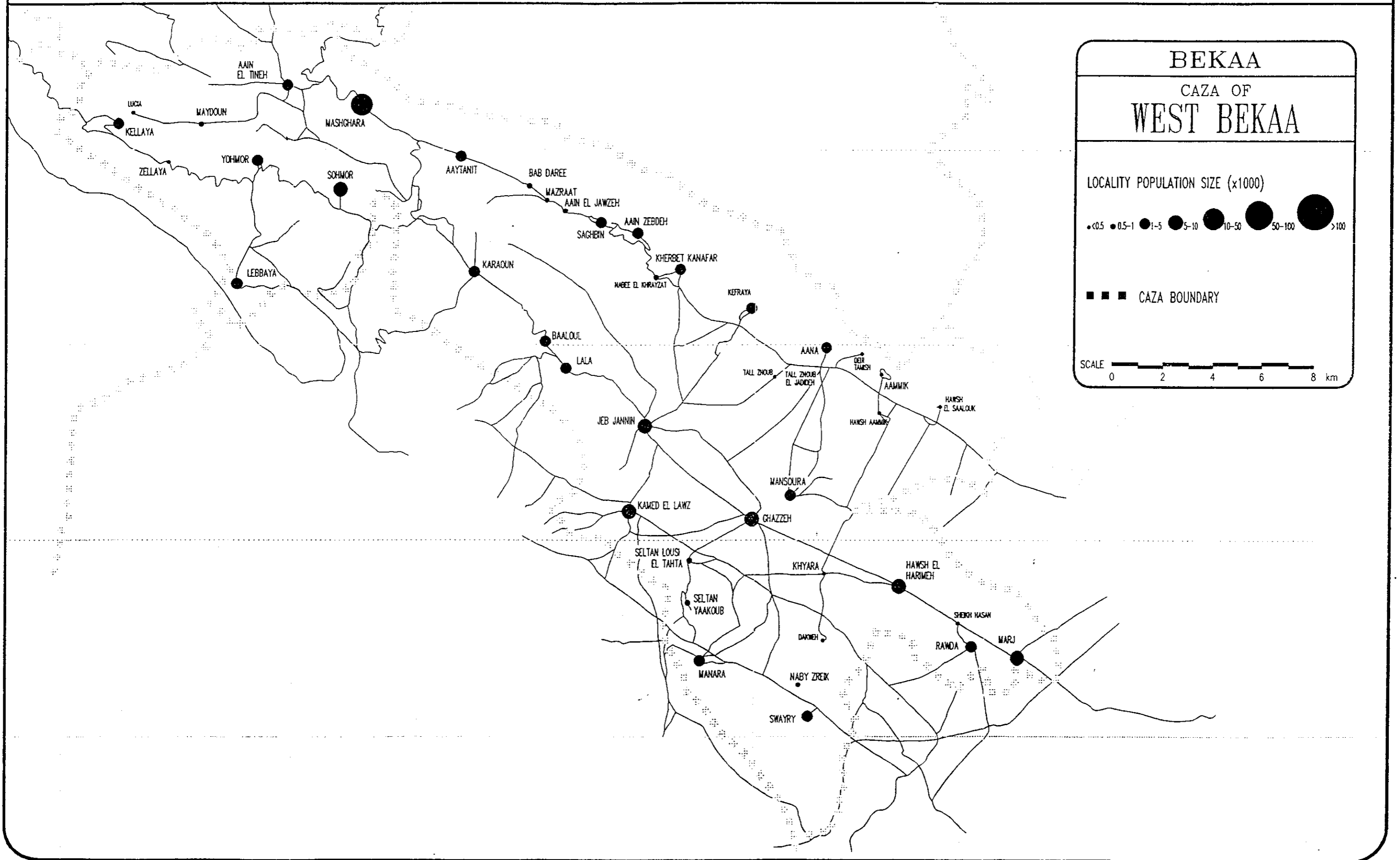
LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Aain El Tineh	1												*
Aain Zebdeh	1												
Aana					1								*
Ghazzeh	1				1				1				*
Hawsh El Harimeh					1								
Jeb Jannin		1											
Kalya	1												*
Kamed El Lawz					1								*
Karaoun					1				1				*
Kherbet Kanafar	1				1								
Lala					1								*
Lebbaya	1												*
Manara					1								*
Mansoura	1												*
Marj		1			1				1				*
Mashghara						1			1				
Rawda	1												
Saghbin	1												
Seltan Lousi El Tahta	1												
Seltan Yaakoub													
Sohmor									1				
Swayry	1				1								
Yohmor	1				1								*
TOTAL	12	2			11	1			5				12

31 NEW SCHOOLS IN 22 LOCALITIES

USING 12 SITES FROM A TOTAL OF 12 LANDS AVAILABLE

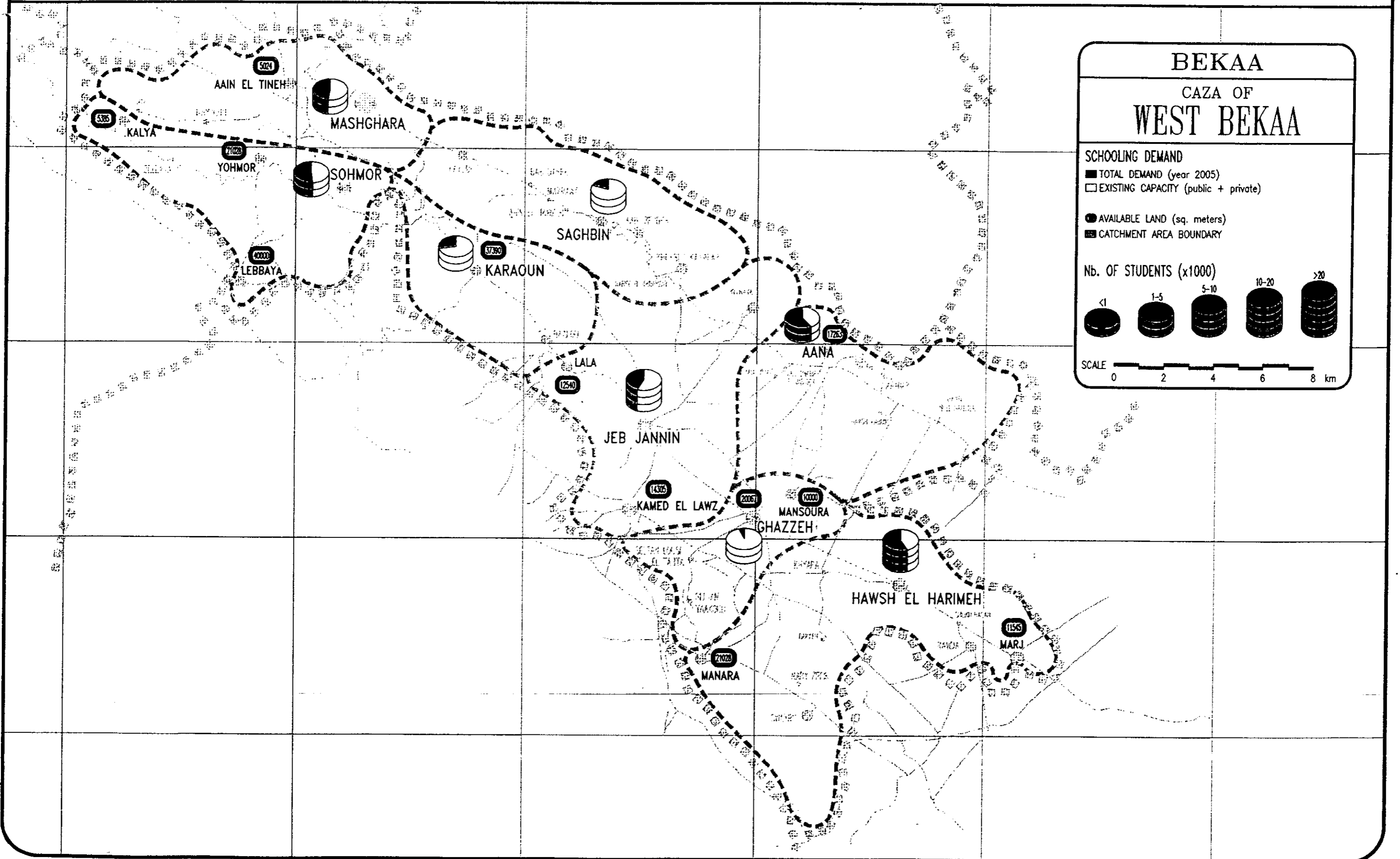
SCHOOL REGROUPING PROJECT

BASE MAP



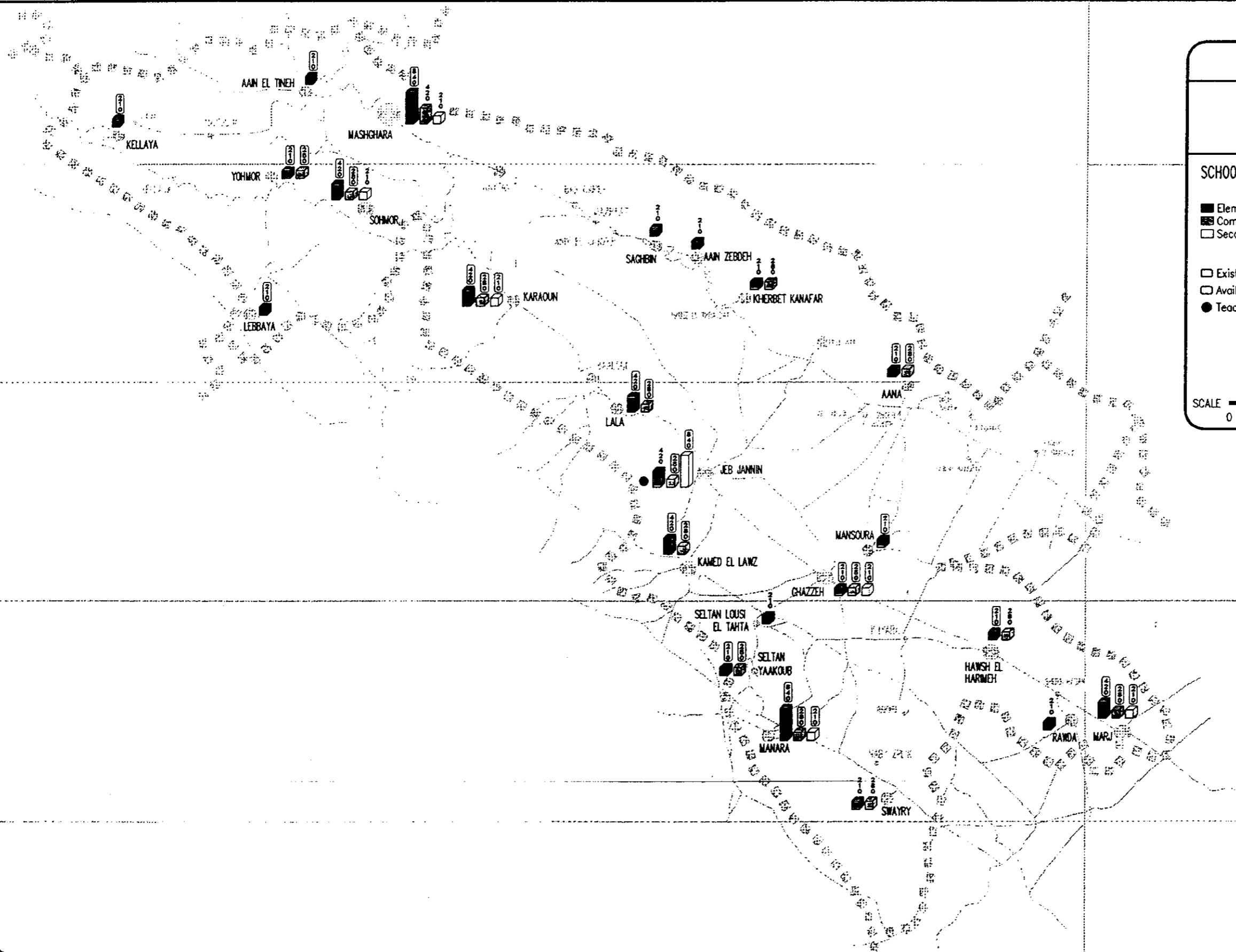
SCHOOL REGROUPING PROJECT

CONSTRAINTS & OPPORTUNITIES



SCHOOL REGROUPING PROJECT

FUTURE SCHOOLS



BEKAA
CAZA OF
WEST BEKAA

SCHOOL TYPE & SIZE

- Elementary
- ▨ Complementary
- Secondary

Existing School (retained)
Available Land
● Teacher Training Center

SCALE 0 2 4 6 8 km

ZAHLEH

CAZA SUMMARY

MOHAFAZAT : BEKAA

CAZA : ZAHLEH

Average Growth Rate : 2.71%
 2002 Population : 179,654
 2005 Population : 194,640
 Pre-Elementary schooling population : 1.17% of total
 Elementary schooling population : 14.07% of total
 Complementary schooling population : 7.92% of total
 Secondary schooling population : 3.52% of total

1 - POPULATION ESTIMATES

STRATEGIC AREA	YEAR	
	2002	2005
Ablah	7,855	8,510
Bar Elias	32,748	35,480
Kaa El Rim	1,578	1,710
Kab Elias	34,474	37,350
Kfar Zabad	6,378	6,910
Rayak	18,839	20,410
Saadnayel	18,506	20,050
Zahleh	59,275	64,220
TOTAL	179,654	194,640

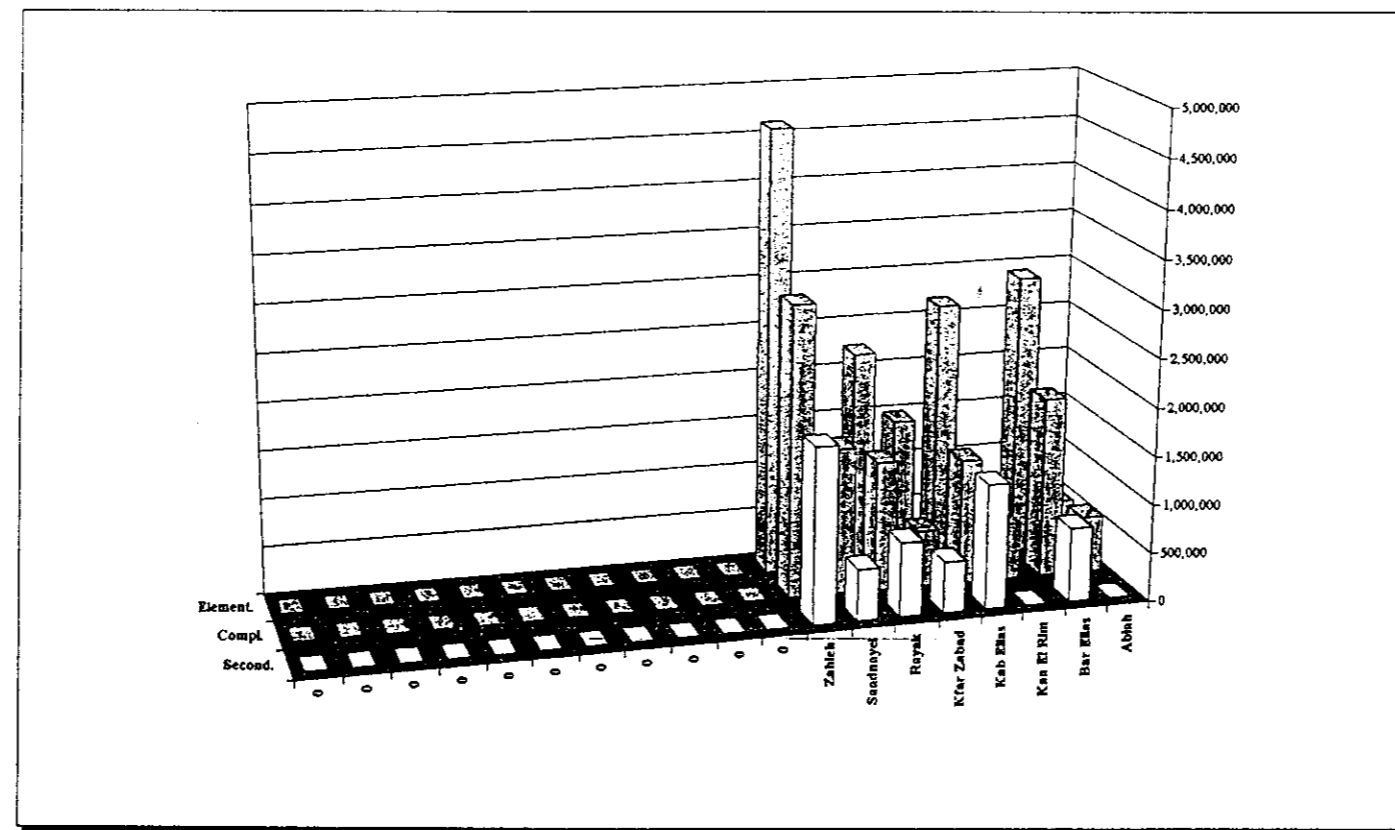
2 - SCHOOLING POPULATION

STRATEGIC AREA	TOTAL NUMBER OF STUDENTS								
	TOTAL DEMAND (2005)					PUBLIC (State/Non-State Owned)			
	Pre-Elem.	Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Ablah	100	1,197	674	300	2,271	250/140	180/140		430/280
Bar Elias	416	4,991	2,811	1,250	9,468	0/310	0/370		0/680
Kaa El Rim	20	241	135	60	456	290/0	110/0		400/0
Kab Elias	438	5,254	2,959	1,316	9,967	490/230	180/190	0/140	670/560
Kfar Zabad	81	972	547	243	1,844	0/690	0/230		0/920
Rayak	239	2,871	1,617	719	5,446	0/1,020	0/630	0/420	0/2,070
Saadnayel	235	2,821	1,588	706	5,350	230/250	180/110	0/110	410/470
Zahleh	753	9,034	5,087	2,262	17,137	450/700	400/1,270	0/620	850/2,590
TOTAL	2,282	27,382	15,419	6,857	51,939	1,710/3,340	1,050/2,940	0/1,290	2,760/7,570

CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS									
	SQUARE METERS				TOTAL COST IN \$			TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Ablah	1,404	1,611		3,015	498,300	579,510		1,077,810	53,891	1,131,701
Bar Elias	7,852	5,050	2,090	14,992	2,929,803	1,865,283	763,153	5,558,238	277,912	5,836,149
Kaa El Rim	1,404	1,611		3,015	498,300	579,510		1,077,810	53,891	1,131,701
Kab Elias	7,390	3,439	3,439	14,269	2,695,783	1,285,773	1,285,773	5,267,328	263,366	5,530,694
Kfar Zabad	4,212	1,611	1,480	7,303	1,494,900	579,510	523,065	2,597,475	129,874	2,727,349
Rayak	6,258	3,674	2,090	12,022	2,243,915	1,334,180	763,153	4,341,248	217,062	4,558,310
Saadnayel	3,450	4,127	1,480	9,058	1,247,315	1,509,340	523,065	3,279,720	163,986	3,443,706
Zahleh	12,434	8,272	5,050	25,756	4,628,985	3,024,303	1,809,283	9,462,570	473,129	9,935,699
TOTAL	44,404	29,395	15,629	89,428	16,237,300	10,757,408	5,667,490	32,662,198	1,633,110	34,295,307

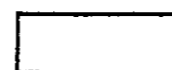


TOTAL COST IN \$

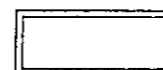
PUBLIC SCHOOL ALLOCATION FOR YEAR 2005

CAZA : ZAHLEH

MOHAFAZAT : BEKAA



Special Case Geographic



Special Case Socio-Economic

Existing Retained School

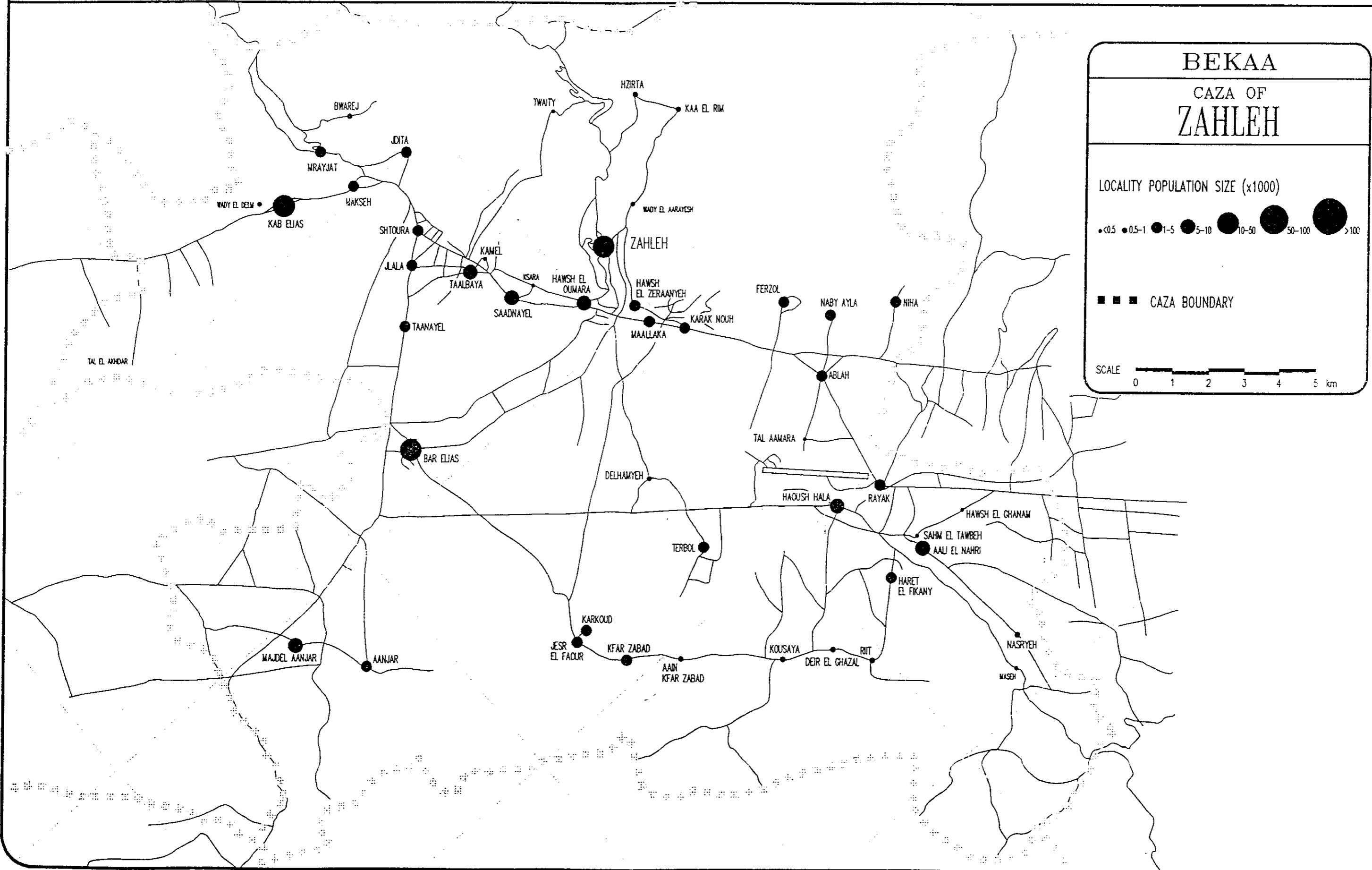
LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Aain Kfar Zabad	1												
Aali El Nahri	1				1								*
Ablah					1								
Bar Elias		1		1			1			1			*
Bwarej	1												
Deir El Ghazal	1												
Ferzol	1												*
Haret El Fikany	1												
Hawsh El Oumara		1			1								
Hawsh Hala	1												
Hawsh Zeraanyeh	1				1								
Hzirta	1												*
Jdita	1												
Jlala	1												
Kaa El Rim					1								*
Kab Elias			1				1				1		*
Karak Nouh	1												
Kfar Zabad	1				1				1				
Maallaka					1				1				*
Majdel Aanjar	1				1								
Makseh													
Mrayjat	1												
Naby Ayla													
Niha													
Rayak		1				1				1			
Saadnayel		1				1			1				*
Taalabaya						1							
Terbol													
Zahleh			1	1			1		1	1			*
TOTAL	15	4	2	2	8	3	3		4	3	1		9

45 NEW SCHOOLS IN 25 LOCALITIES

USING 9 SITES FROM A TOTAL OF 9 LANDS AVAILABLE

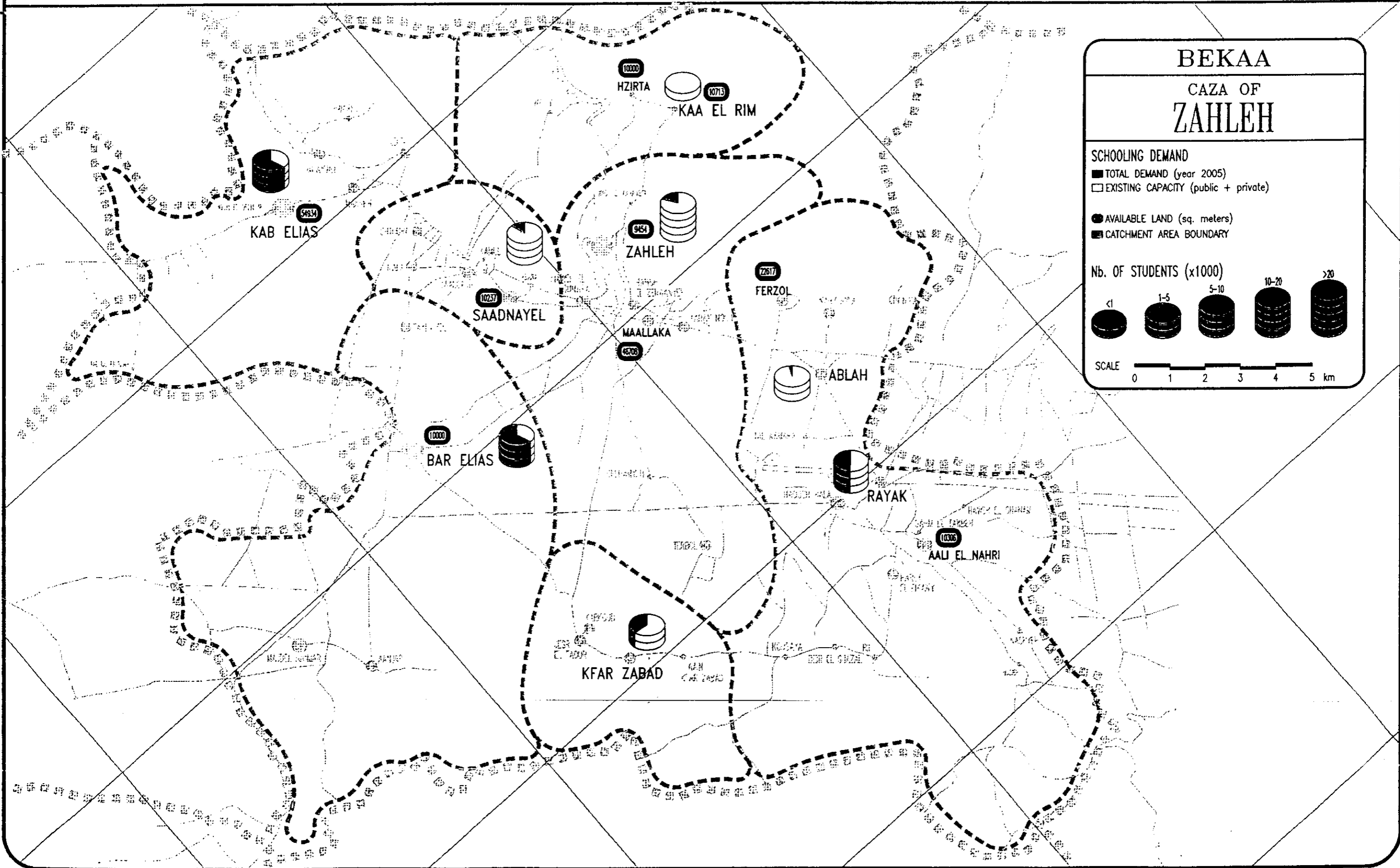
SCHOOL REGROUPING PROJECT

BASE MAP



SCHOOL REGROUPING PROJECT

CONSTRAINTS & OPPORTUNITIES



KAB ELIAS

BAR ELIAS

KFAR ZABAD

SAADNAYEL

ZAHLEH

MAALLAKA

FERZOL

ABLAH

RAYAK

AALI EL NAHRI

10000

HZIRTA

10713

KAA EL RIM

9454

72617

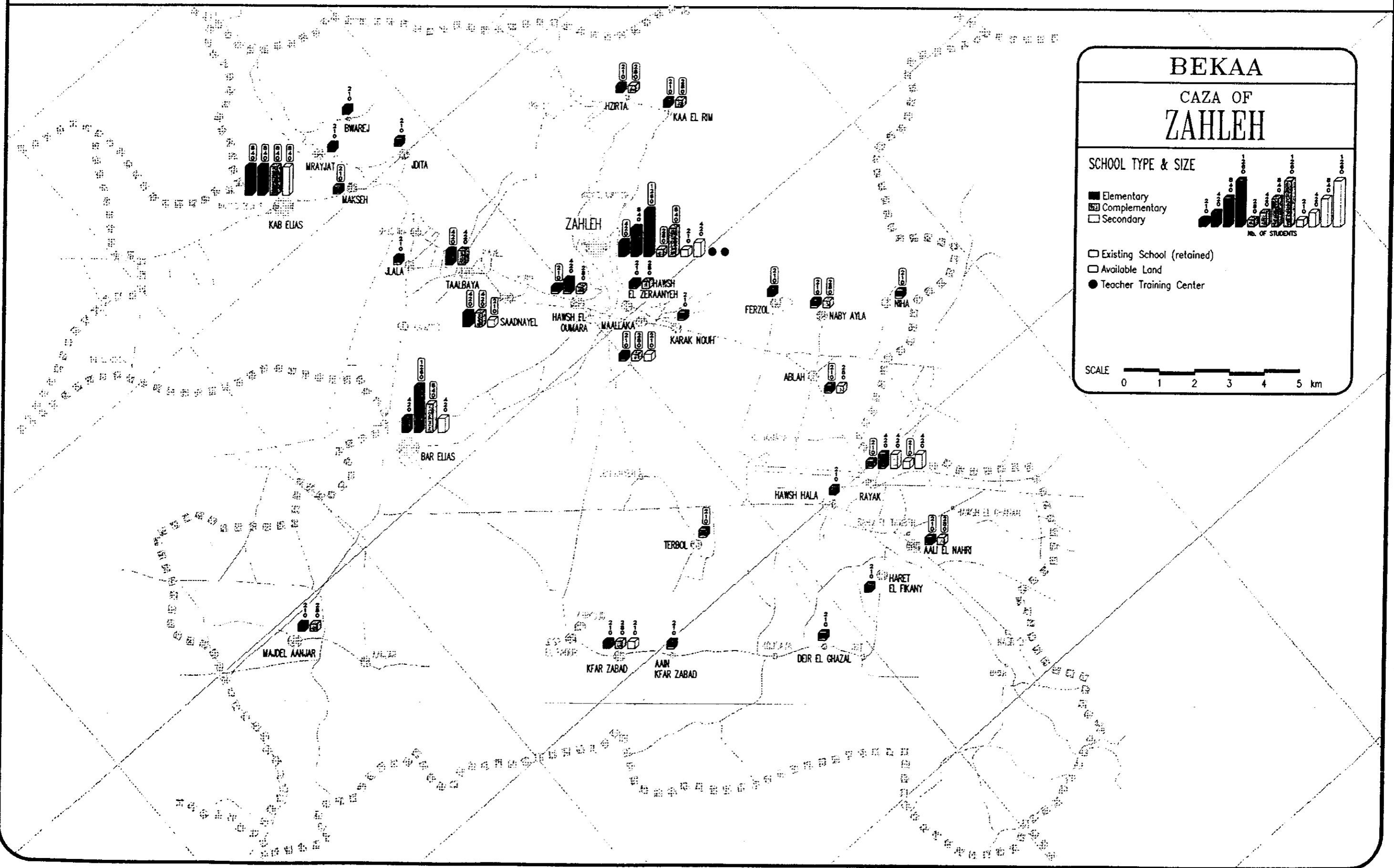
45708

10000

10006

SCHOOL REGROUPING PROJECT

FUTURE SCHOOLS



BEKAA
CAZA OF ZAHLEH

SCHOOL TYPE & SIZE

- Elementary
- Complementary
- Secondary

Existing School (retained)
 Available Land
 Teacher Training Center

SCALE 0 1 2 3 4 5 km

MOUNT LEBANON

AALEY

CAZA SUMMARY

MOHAFAZAT : MOUNT LEBANON

CAZA : AALEY

Average Growth Rate :	1.76%
2002 Population :	178,086
2005 Population :	187,630
Pre-Elementary schooling population :	1.10% of total
Elementary schooling population :	13.21% of total
Complementary schooling population :	7.21% of total
Secondary schooling population :	3.53% of total

1 - POPULATION ESTIMATES

STRATEGIC AREA	YEAR	
	2002	2005
Aabay	10,621	11,190
Aain Dara	6,179	6,510
Aain Eenoub	16,648	17,540
Aain Zhalta (Shouf)	683	720
Aaley	20,985	22,110
Bdadoun	13,743	14,480
Bhamdoun El Mhatta	27,582	29,060
Khaldeh	20,587	21,690
Reshmaya	9,330	9,830
Sawfar	24,801	26,130
Shwayfat	22,741	23,960
Souk El Gharb	4,186	4,410
TOTAL	178,086	187,630

2 - SCHOOLING POPULATION

STRATEGIC AREA	TOTAL NUMBER OF STUDENTS								
	TOTAL DEMAND (2005)					PUBLIC (State/Non-State Owned)			
	Pre-Elem.	Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Aabay	123	1,478	807	395	2,803	240/580	120/280		360/860
Aain Dara	72	860	470	230	1,631	120/160	220/30	60/0	400/190
Aain Eenoub	193	2,316	1,265	619	4,394	250/800	250/500	340/130	840/1,430
Aain Zhalta (Shouf)	8	95	52	25	180	0/50			0/50
Aaley	243	2,920	1,595	780	5,538	100/1,040	20/910	0/540	120/2,490
Bdadoun	159	1,912	1,045	511	3,627	60/320	90/70		150/390
Bhamdoun El Mhatta	320	3,838	2,096	1,026	7,279	90/200	370/50	220/0	680/250
Khaldeh	239	2,864	1,565	765	5,433	0/440	0/160		0/600
Reshmaya	108	1,298	709	347	2,462	0/200	0/330	0/80	0/610
Sawfar	288	3,451	1,885	922	6,545	400/390	230/160	0/120	630/670
Shwayfat	264	3,164	1,728	846	6,002	740/360	350/190	100/0	1,190/550
Souk El Gharb	49	582	318	156	1,105				
TOTAL	2,065	24,779	13,535	6,621	47,000	2,000/4,540	1,650/2,680	720/870	4,370/8,090

CAZA SUMMARY (cont.)

3 - PUBLIC SCHOOL STUDENTS IN 2005

STRATEGIC AREA	EXISTING CAPACITY (To be Retained After Upgrading)				ADDITIONAL CAPACITY TO BE PROVIDED FOR			
	Pre-Elem./Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Aabay	840			840	1,050	700	210	1,960
Aain Dara	210	280		490	420			420
Aain Eenoub	420			420	1,050	700	630	2,380
Aain Zhalta (Shouf)								
Aaley	210			210	1,050	420	420	1,890
Bdadoun	210			210	630	560		1,190
Bhamdoun El Mhatta					1,050	560	210	1,820
Khaldeh					630	700	210	1,540
Reshmaya	210			210	420	560	210	1,190
Sawfar	1,050			1,050	630	1,400	420	2,450
Shwayfat	1,050	420	210	1,680	420	420	420	1,260
Souk El Gharb						280		280
TOTAL	4,200	700	210	5,110	7,350	6,300	2,730	16,380

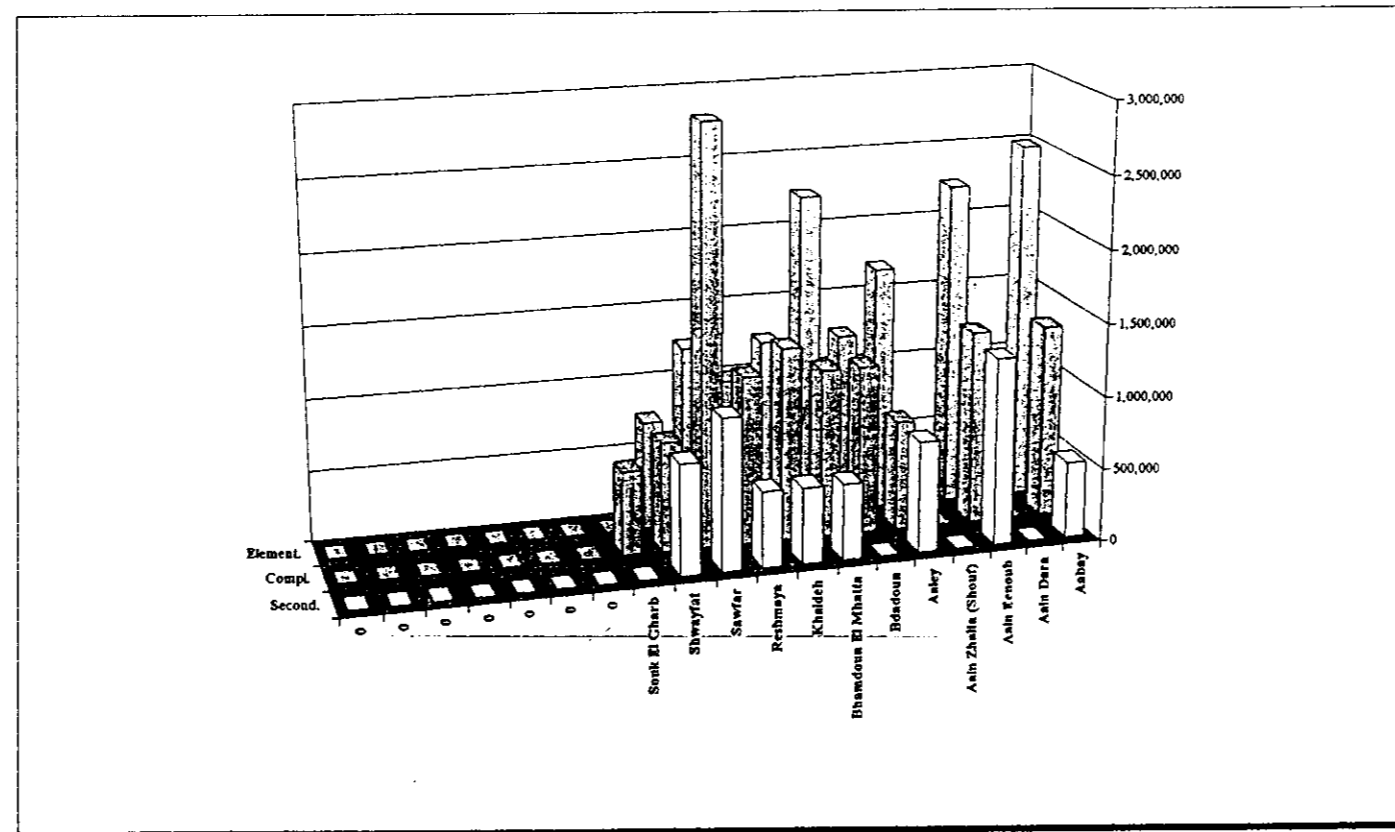
4 - ADDITIONAL NUMBER OF SCHOOLS REQUIRED IN 2005

STRATEGIC AREA	TOTAL NUMBER OF SCHOOLS														
	ELEMENTARY					COMPLEMENTARY					SECONDARY				
	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL
Aabay	5				5	1	1			2	1				1
Aain Dara	2				2										
Aain Eenoub	3	1			4	1	1			2	1	1			2
Aain Zhalta (Shouf)															
Aaley	1		1		2		1			1		1			1
Bdadoun	1	1			2	2				2					
Bhamdoun El Mhatta	3	1			4	2				2	1				1
Khaldeh	1	1			2	1	1			2	1				1
Reshmaya	2				2	2				2	1				1
Sawfar	1	1			2	5				5	2				2
Shwayfat		1			1		1			1		1			1
Souk El Gharb						1				1					
TOTAL	19	6	1		26	15	5			20	7	3			10

CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS									
	SQUARE METERS				TOTAL COST IN \$			TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Aabay	7,020	3,674	1,480	12,175	2,491,500	1,334,180	523,065	4,348,745	217,437	4,566,182
Aain Dara	2,808			2,808	996,600			996,600	49,830	1,046,430
Aain Eenoub	6,258	3,674	3,570	13,503	2,243,915	1,334,180	1,286,218	4,864,313	243,216	5,107,528
Aain Zhalta (Shouf)										
Aaley	4,582	2,064	2,090	8,735	1,699,183	754,670	763,153	3,217,005	160,850	3,377,855
Bdadoun	3,450	3,222		6,672	1,247,315	1,159,020		2,406,335	120,317	2,526,652
Bhamdoun El Mhatta	6,258	3,222	1,480	10,960	2,243,915	1,159,020	523,065	3,926,000	196,300	4,122,300
Khaldeh	3,450	3,674	1,480	8,605	1,247,315	1,334,180	523,065	3,104,560	155,228	3,259,788
Reshmaya	2,808	3,222	1,480	7,510	996,600	1,159,020	523,065	2,678,685	133,934	2,812,619
Sawfar	3,450	8,054	2,960	14,465	1,247,315	2,897,550	1,046,130	5,190,995	259,550	5,450,545
Shwayfat	2,046	2,064	2,090	6,200	749,015	754,670	763,153	2,266,838	113,342	2,380,179
Souk El Gharb		1,611		1,611		579,510		579,510	28,976	608,486
TOTAL	42,131	34,480	16,631	93,242	15,162,673	12,466,000	5,950,913	33,579,585	1,678,979	35,258,564



TOTAL COST IN \$

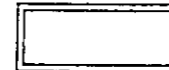
PUBLIC SCHOOL ALLOCATION FOR YEAR 2005 - Continued

CAZA : AALEY

MOHAFAZAT : MOUNT LEBANON



Special Case Geographic



Special Case Socio-Economic

Existing Retained School

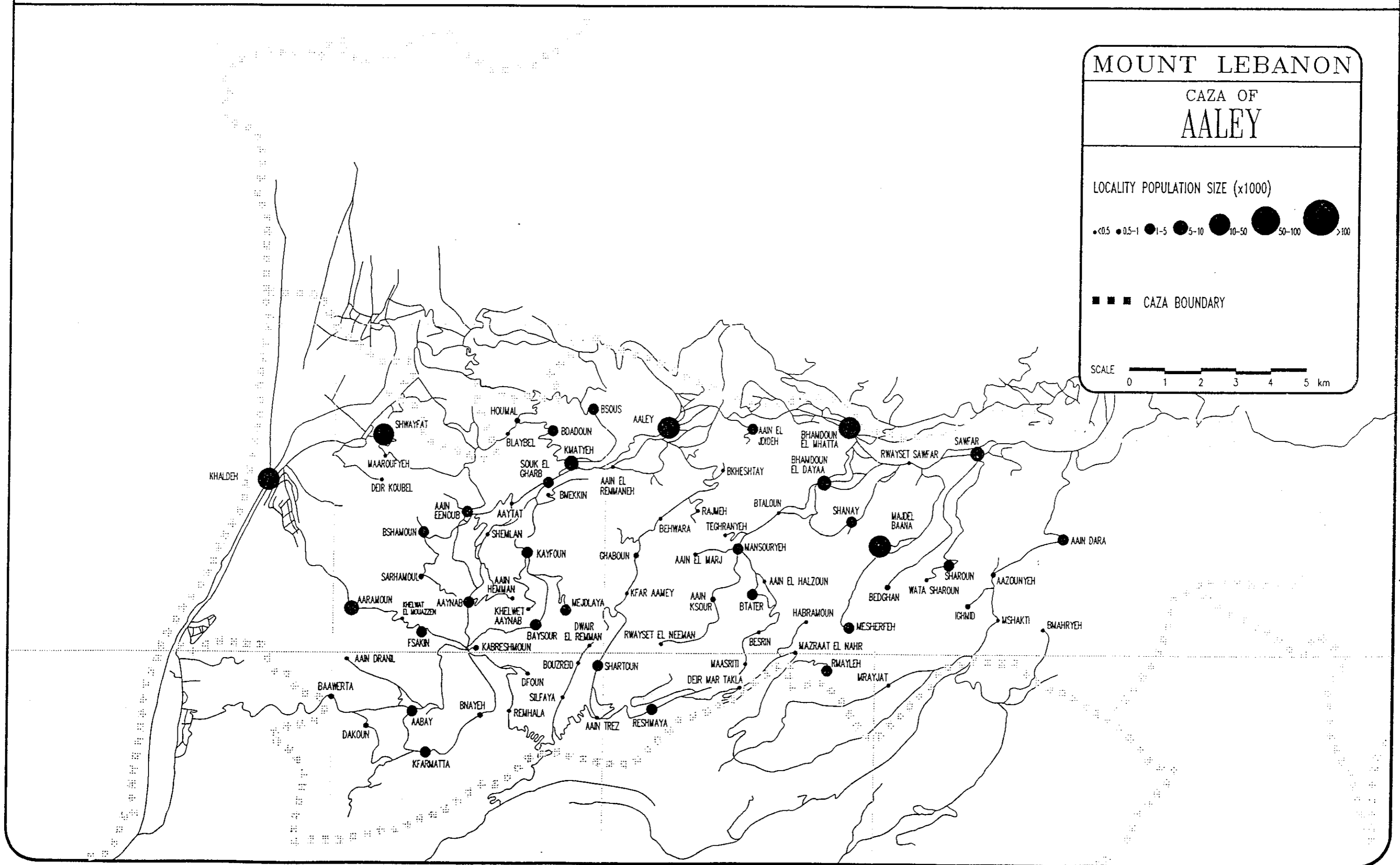
LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Mejdlaya		1											
Mesherfeh					1								
Remhala													
Reshmaya	1				1				1				
Ramlyeh	1				1								
Sawfar		1			1				1				*
Shanay					1								
Sharoun					1								
Shwayfat		1				1				1			
Silfaya	1												
Souk El Gharb					1								
TOTAL	19	6	1		15	5			7	3			6

56 NEW SCHOOLS IN 33 LOCALITIES

USING 6 SITES FROM A TOTAL OF 6 LANDS AVAILABLE

SCHOOL REGROUPING PROJECT

BASE MAP



SCHOOL REGROUPING PROJECT

CONSTRAINTS & OPPORTUNITIES

MOUNT LEBANON
CAZA OF AALEY

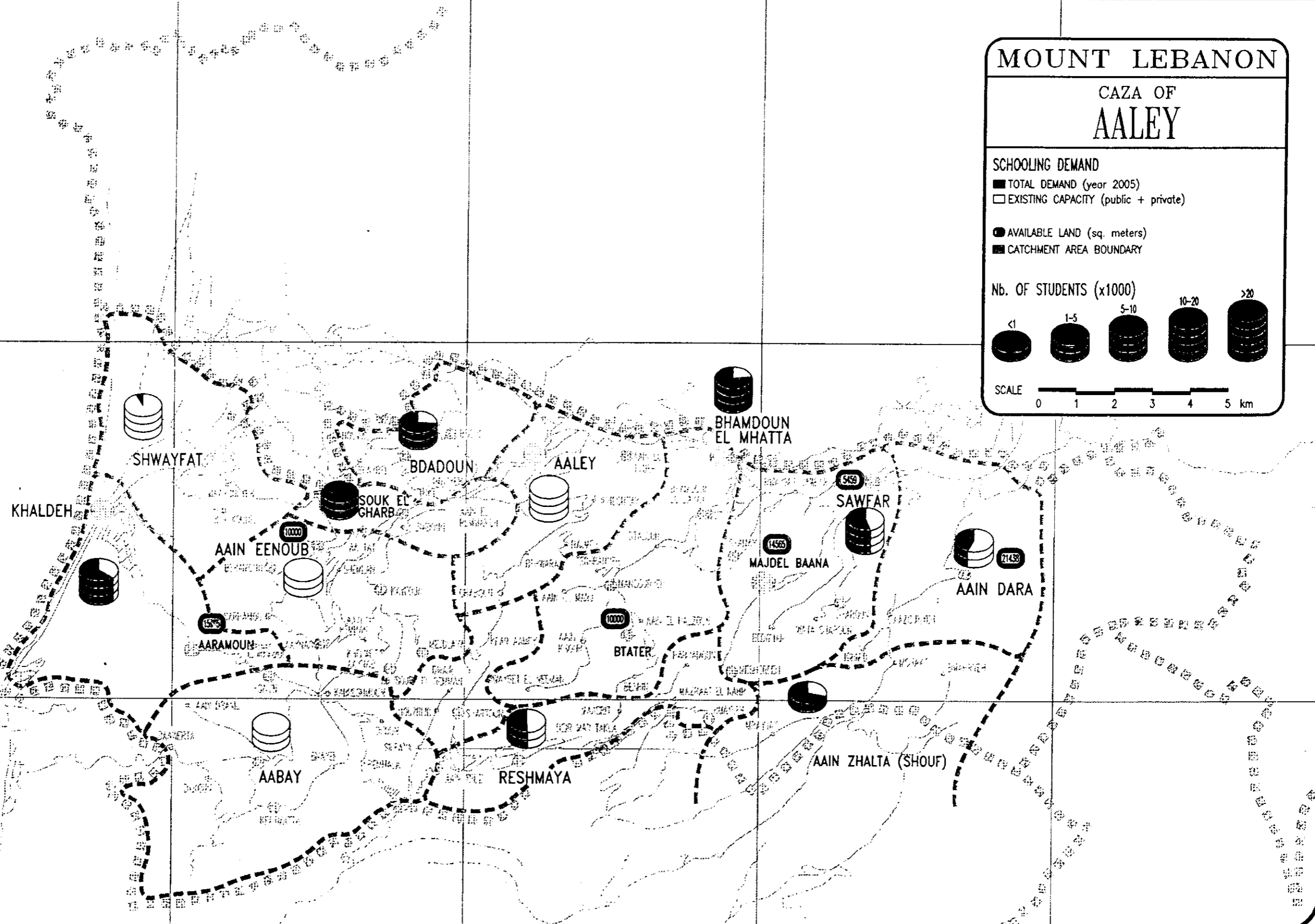
SCHOOLING DEMAND
 ■ TOTAL DEMAND (year 2005)
 □ EXISTING CAPACITY (public + private)

● AVAILABLE LAND (sq. meters)
 ■ CATCHMENT AREA BOUNDARY

Nb. OF STUDENTS (x1000)

<1	1-5	5-10	10-20	>20
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SCALE 0 1 2 3 4 5 km



SCHOOL REGROUPING PROJECT

FUTURE SCHOOLS

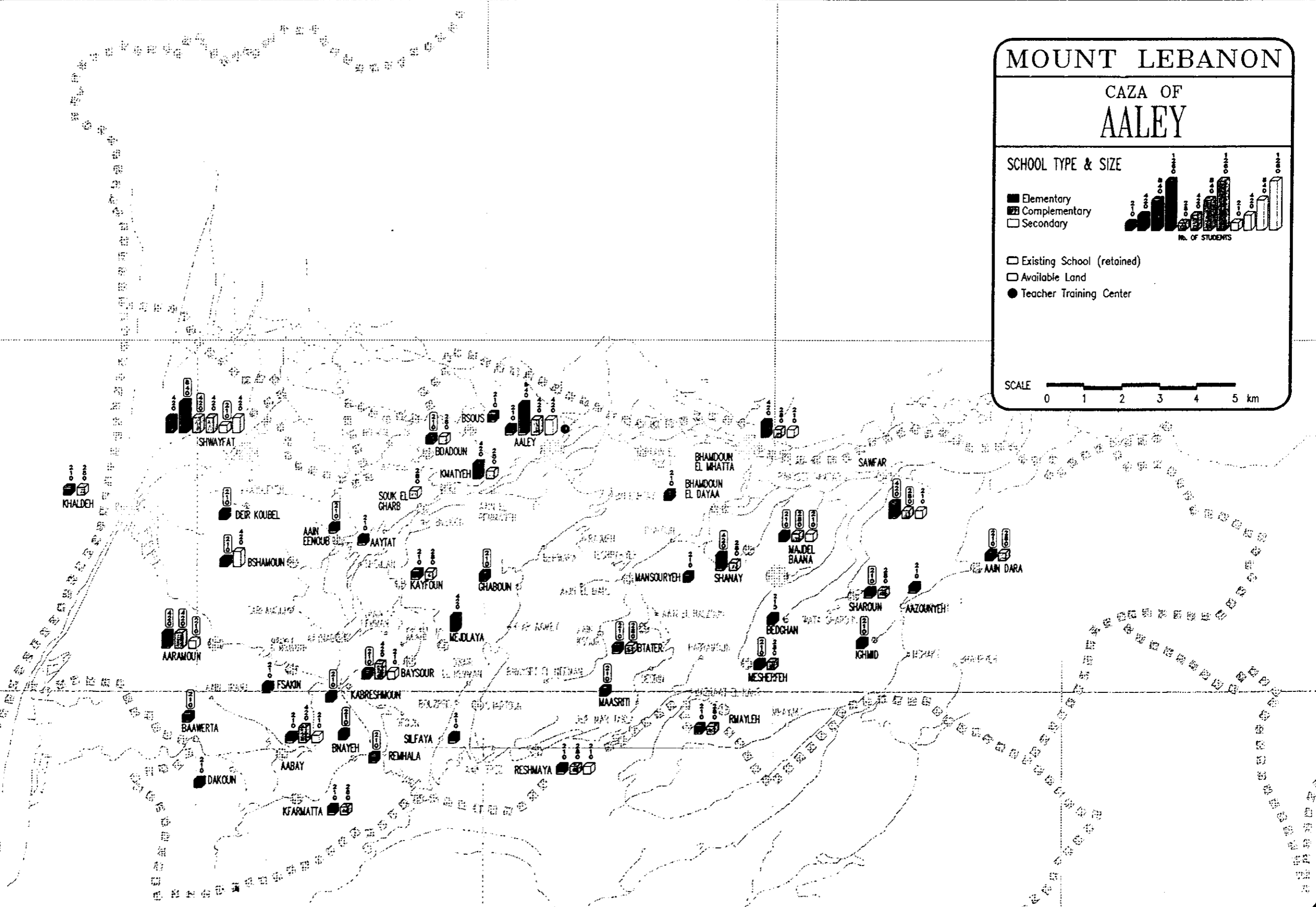
MOUNT LEBANON
CAZA OF AALEY

SCHOOL TYPE & SIZE

Elementary
 Complementary
 Secondary

Existing School (retained)
 Available Land
 Teacher Training Center

SCALE 0 1 2 3 4 5 km



BAABDA

CAZA SUMMARY

MOHAFAZAT : MOUNT LEBANON

CAZA : BAABDA

Average Growth Rate :	1.75%
2002 Population :	446,810
2005 Population :	470,700
Pre-Elementary schooling population :	1.05% of total
Elementary schooling population :	12.66% of total
Complementary schooling population :	6.99% of total
Secondary schooling population :	3.46% of total

1 - POPULATION ESTIMATES

STRATEGIC AREA	YEAR	
	2002	2005
Aabadyeh	7,471	7,870
Baabda	16,783	17,680
Hadath	36,745	38,710
Hammana	10,983	11,570
Kernayel	7,509	7,910
Kobbeih	3,189	3,360
Ras El Maten	6,085	6,410
Salima	2,563	2,700
South Eastern Suburb	48,943	51,560
Southern Suburb	306,540	322,930
TOTAL	446,810	470,700

2 - SCHOOLING POPULATION

STRATEGIC AREA	TOTAL NUMBER OF STUDENTS								
	TOTAL DEMAND (2005)					PUBLIC (State/Non-State Owned)			
	Pre-Elem.	Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Aabadyeh	83	996	550	273	1,902	0/260	0/200		0/460
Baabda	186	2,238	1,235	613	4,272	70/210	60/150		130/360
Hadath	408	4,900	2,704	1,341	9,353	0/340	0/450	0/230	0/1,020
Hammana	122	1,464	808	401	2,796	0/420	270/170	230/0	500/590
Kernayel	83	1,001	553	274	1,911	290/40	230/40	0/210	520/290
Kobbeih	35	425	235	116	812	100/80	90/0		190/80
Ras El Maten	68	811	448	222	1,549	60/120	60/100		120/220
Salima	28	342	189	94	652	0/140	0/70		0/210
South Eastern Suburb	544	6,526	3,602	1,786	12,458	0/240	0/450	0/40	0/730
Southern Suburb	3,406	40,874	22,558	11,189	78,027	450/4,150	630/6,450	0/3,900	1,080/14,500
TOTAL	4,965	59,577	32,881	16,309	113,732	970/6,000	1,340/8,080	230/4,380	2,540/18,460

CAZA SUMMARY (cont.)

3 - PUBLIC SCHOOL STUDENTS IN 2005

STRATEGIC AREA	EXISTING CAPACITY (To be Retained After Upgrading)				ADDITIONAL CAPACITY TO BE PROVIDED FOR			
	Pre-Elem./Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Aabadyeh					840	560	210	1,610
Baabda	210	280		490	840	700	210	1,750
Hadath					2,310	1,400	630	4,340
Hammana	210		420	630	840	840		1,680
Kernayel	630			630	420	840	210	1,470
Kobbeih	210			210	210	280		490
Ras El Maten	420			420	210	280	210	700
Salima					210	280		490
South Eastern Suburb					1,890	1,260	420	3,570
Southern Suburb	1,680	840		2,520	16,800	10,080	6,300	33,180
TOTAL	3,360	1,120	420	4,900	24,570	16,520	8,190	49,280

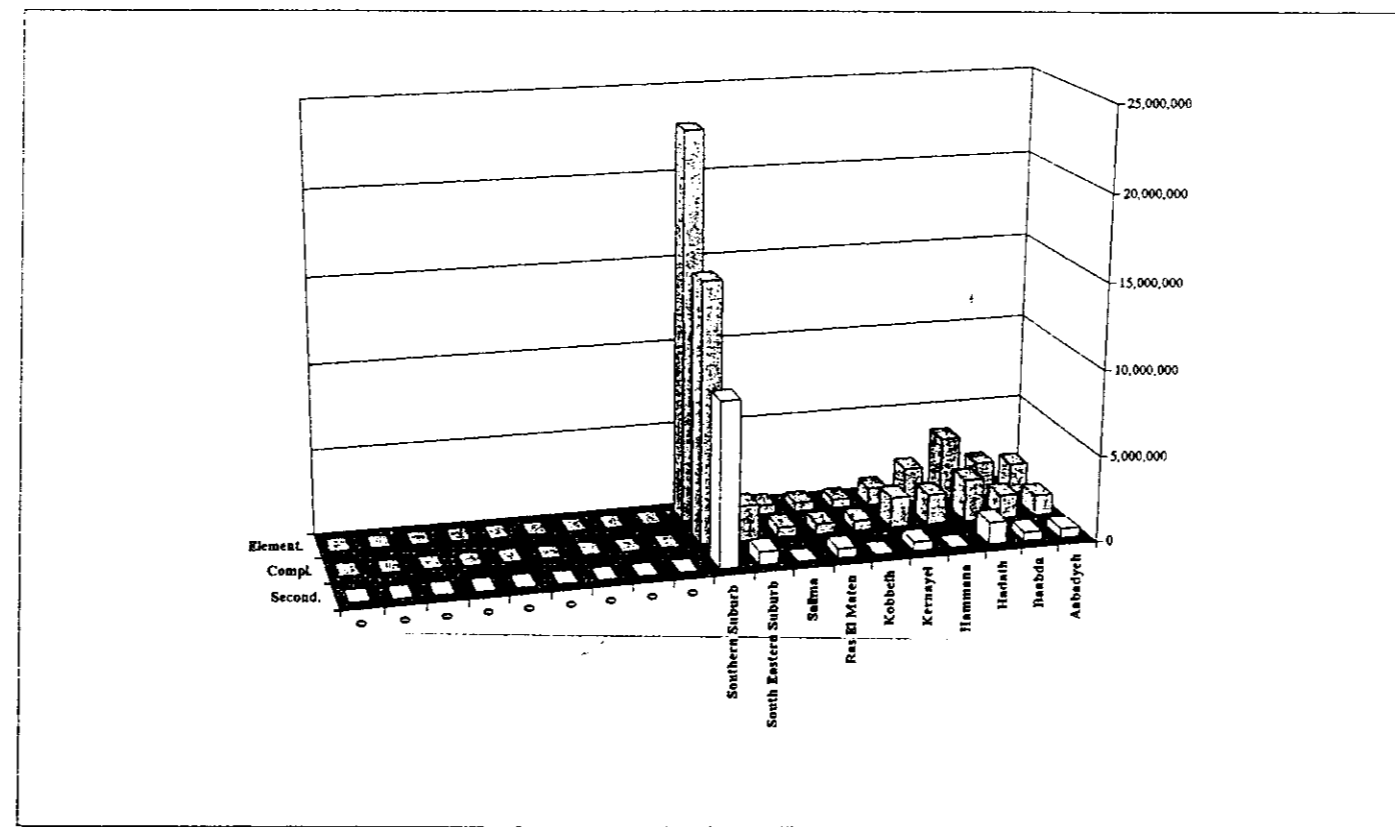
4 - ADDITIONAL NUMBER OF SCHOOLS REQUIRED IN 2005

STRATEGIC AREA	TOTAL NUMBER OF SCHOOLS														
	ELEMENTARY					COMPLEMENTARY					SECONDARY				
	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL
Aabadyeh	2	1			3	2				2	1				1
Baabda	4				4	1	1			2	1				1
Hadath	1	2		1	4	2		1		3	1	1			2
Hammana	4				4	3				3					
Kernayel	2				2	3				3	1				1
Kobbeih	1				1	1				1					
Ras El Maten	1				1	1				1	1				1
Salima	1				1	1				1					
South Eastern Suburb	1	1		1	3		1	1		2		1			1
Southern Suburb	2			13	15	3		2	6	11		2	2	3	7
TOTAL	19	4		15	38	17	2	4	6	29	5	4	2	3	14

CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS									
	SQUARE METERS				TOTAL COST IN \$			TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Aabadyeh	4,854	3,222	1,480	9,556	1,745,615	1,159,020	523,065	3,427,700	171,385	3,599,085
Baabda	5,616	3,674	1,480	10,771	1,993,200	1,334,180	523,065	3,850,445	192,522	4,042,967
Hadath	9,898	6,661	3,570	20,129	3,678,818	2,444,793	1,286,218	7,409,828	370,491	7,780,319
Hammana	5,616	4,832		10,448	1,993,200	1,738,530		3,731,730	186,587	3,918,317
Kernayel	2,808	4,832	1,480	9,121	996,600	1,738,530	523,065	3,258,195	162,910	3,421,105
Kobbeih	1,404	1,611		3,015	498,300	579,510		1,077,810	53,891	1,131,701
Ras El Maten	1,404	1,611	1,480	4,495	498,300	579,510	523,065	1,600,875	80,044	1,680,919
Salima	1,404	1,611		3,015	498,300	579,510		1,077,810	53,891	1,131,701
South Eastern Suburb	7,852	5,503	2,090	15,444	2,929,803	2,040,443	763,153	5,733,398	286,670	6,020,067
Southern Suburb	60,028	40,627	25,516	126,171	22,868,938	15,219,905	9,552,765	47,641,608	2,382,080	50,023,688
TOTAL	100,883	74,184	37,097	212,164	37,701,073	27,413,930	13,694,395	78,809,398	3,940,470	82,749,867



TOTAL COST IN \$

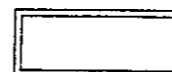
PUBLIC SCHOOL ALLOCATION FOR YEAR 2005

CAZA : BAABDA

MOHAFAZAT : MOUNT LEBANON



Special Case Geographic



Special Case Socio-Economic

Existing Retained School

LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Aabadyeh	1				1				1				*
Baabda	1					1			1				
Baaleshmay		1			1								
Bmariam													
Btekhmay	1				1								*
Bzebdin	1				1								*
Falougha	1				1								
Hadath		1		1			1			1			*
Hammana	1				1								*
Hazmyeh	1				1								
Kahaleh	1												
Kernayel					1				1				*
Kfarselwan					1								
Kfarshima		1			1				1				*
Khelwat Falougha	1												
Kobbeih	1				1								
Ksaybeh	1												
Louwayzeh	1												
Ras El Maten					1				1				*
Rwayset El Ballout	1												
Salima	1				1								*
Shbanyeh													
Southern Suburb													
Aamrousyeh	1				1								
Borj El Brajneeh				2				1			1		
Ghobayri				4				2				2	
Haret Hreik				3				2				1	
Laylaki				1			1			1			
Ouzai				1	1		1			1			
Shyah				2				1			1		

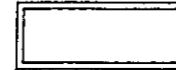
PUBLIC SCHOOL ALLOCATION FOR YEAR 2005 - Continued

CAZA : BAABDA

MOHAFAZAT : MOUNT LEBANON



Special Case Geographic



Special Case Socio-Economic

Existing Retained School

LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Tahwitah El Ghadir	1				1								
South Eastern Suburb													
Aain El Remmaneh				1			1			1			
Fern El Shebbak	1	1				1							
Tarshish	1												
Wady Shahrour	1				1								
TOTAL	19	4		15	17	2	4	6	5	4	2	3	9

81 NEW SCHOOLS IN 32 LOCALITIES

USING 9 SITES FROM A TOTAL OF 9 LANDS AVAILABLE

SCHOOL REGROUPING PROJECT

BASE MAP

MOUNT LEBANON

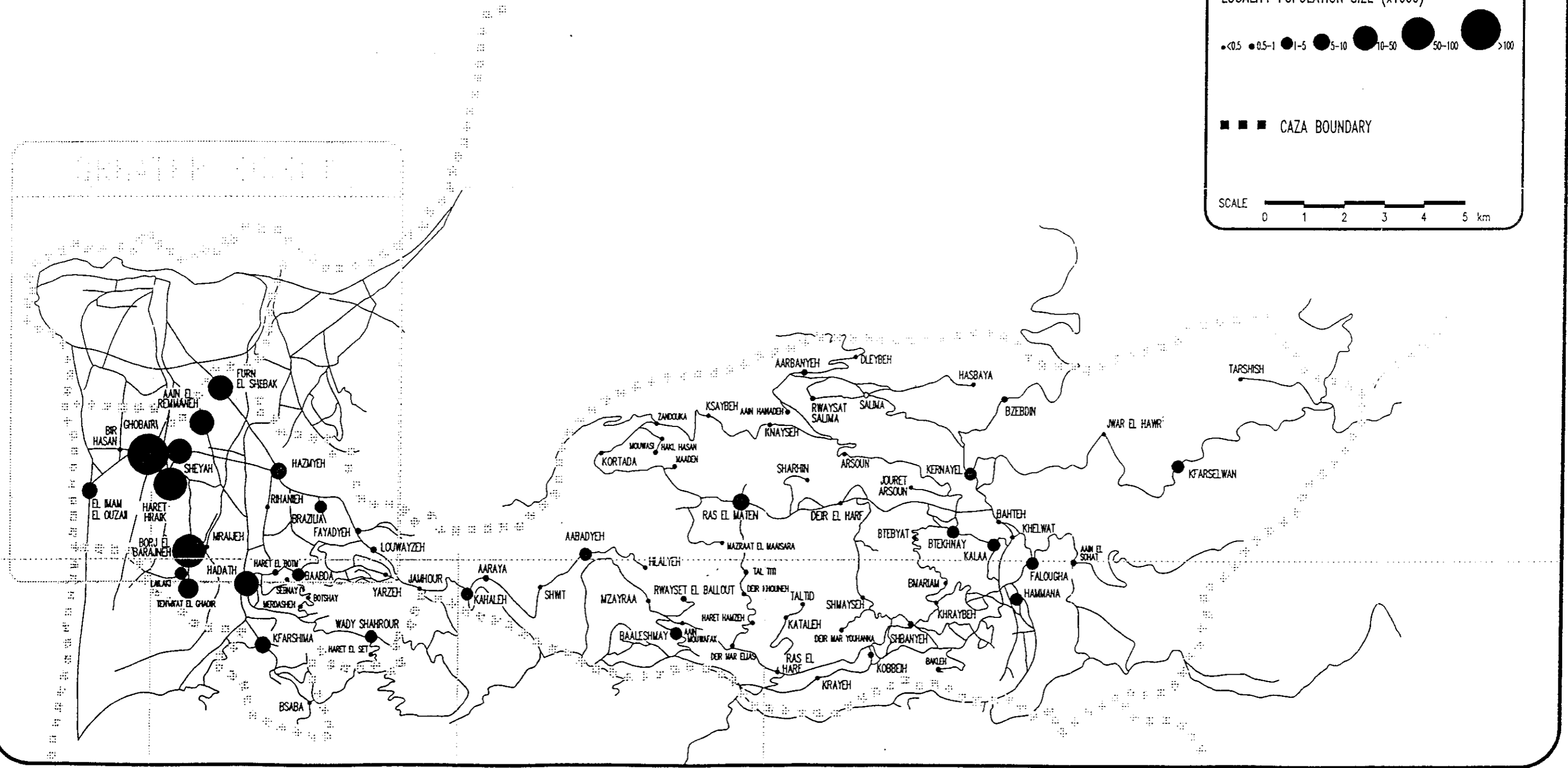
CAZA OF
BAABDA

LOCALITY POPULATION SIZE (x1000)

● <0.5 ● 0.5-1 ● 1-5 ● 5-10 ● 10-50 ● 50-100 ● >100

■ ■ ■ CAZA BOUNDARY

SCALE 0 1 2 3 4 5 km



SCHOOL REGROUPING PROJECT

CONSTRAINTS & OPPORTUNITIES

MOUNT LEBANON
CAZA OF
BAABDA

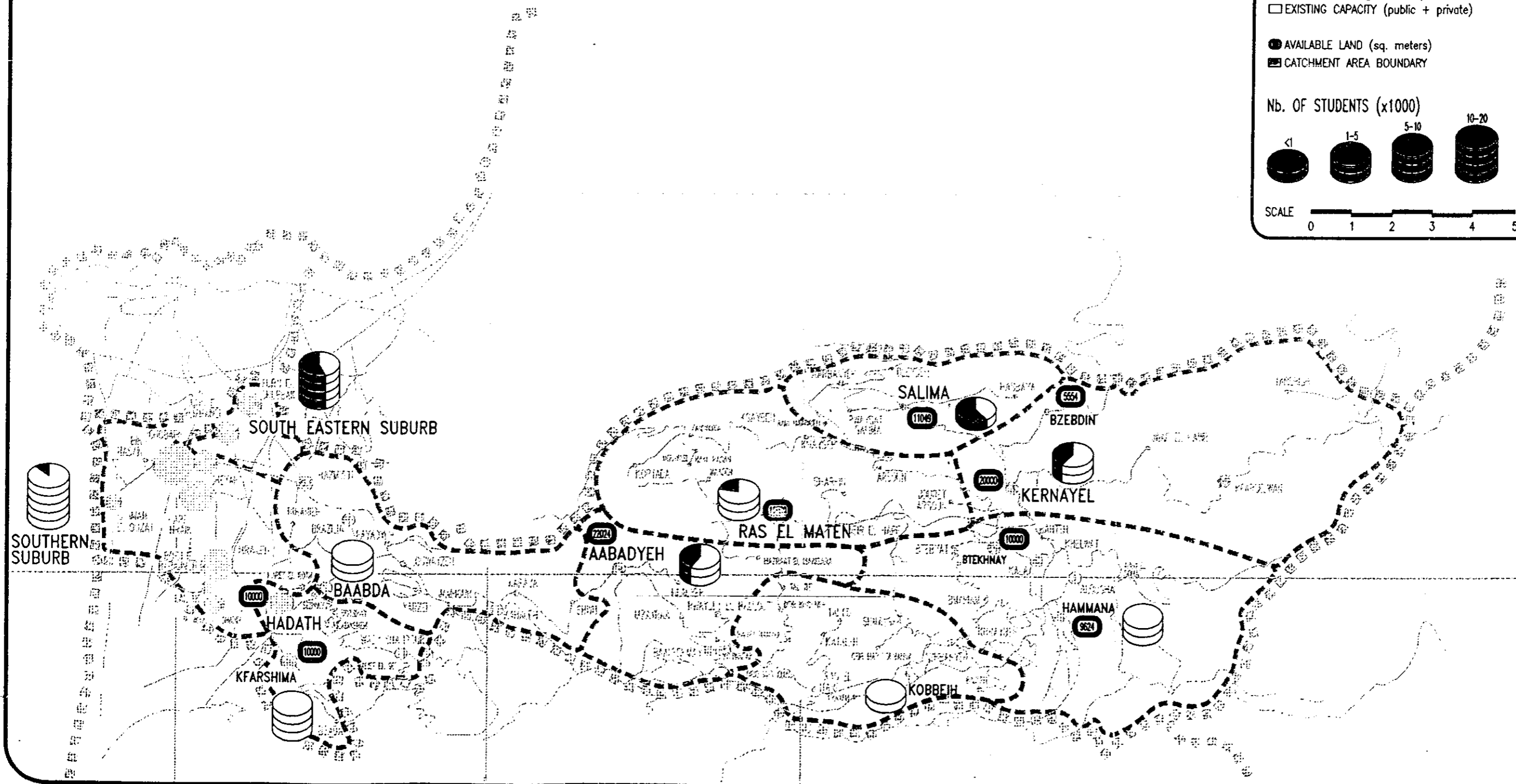
SCHOOLING DEMAND
 ■ TOTAL DEMAND (year 2005)
 □ EXISTING CAPACITY (public + private)

● AVAILABLE LAND (sq. meters)
 ▬ CATCHMENT AREA BOUNDARY

Nb. OF STUDENTS (x1000)

<1 1-5 5-10 10-20 >20

SCALE 0 1 2 3 4 5 km



JBAIL

CAZA SUMMARY

MOHAFAZAT : MOUNT LEBANON

CAZA : JBAIL

Average Growth Rate : 1.73%
 2002 Population : 115,080
 2005 Population : 121,170
 Pre-Elementary schooling population : 1.16% of total
 Elementary schooling population : 13.94% of total
 Complementary schooling population : 7.43% of total
 Secondary schooling population : 3.64% of total

1 - POPULATION ESTIMATES

STRATEGIC AREA	YEAR	
	2002	2005
Aakoura	3,875	4,080
Aamshit	11,786	12,410
Afka	3,543	3,730
Behdidat	4,768	5,020
Ehmej	7,294	7,680
Halat	10,970	11,550
Hsarat	4,359	4,590
Jbail	14,455	15,220
Kartaba	10,932	11,510
Kartaboun	17,067	17,970
Lehfed	15,899	16,740
Mounsef	6,544	6,890
Torzaya	3,590	3,780
TOTAL	115,080	121,170

2 - SCHOOLING POPULATION

STRATEGIC AREA	TOTAL NUMBER OF STUDENTS								
	TOTAL DEMAND (2005)					PUBLIC (State/Non-State Owned)			
	Pre-Elem.	Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Aakoura	47	569	303	148	1,068	0/40			0/40
Aamshit	144	1,730	923	451	3,248	150/20	210/0		360/20
Afka	43	520	277	136	976	0/110	0/10		0/120
Behdidat	58	700	373	183	1,314	0/140	0/60		0/200
Ehmej	89	1,070	571	279	2,010	30/0	80/0		110/0
Halat	134	1,610	859	420	3,023	0/230	0/90		0/320
Hsarat	53	640	341	167	1,201	0/210	0/60		0/270
Jbail	177	2,121	1,132	554	3,983	180/420	290/420	0/730	470/1,570
Kartaba	134	1,604	856	419	3,012	60/50	0/120		60/170
Kartaboun	209	2,505	1,336	654	4,703	0/400	0/240		0/640
Lehfed	194	2,333	1,245	609	4,381	0/430	0/250	0/100	0/780
Mounsef	80	960	512	251	1,803	0/80			0/80
Torzaya	44	527	281	137	989	100/60	50/20		150/80
TOTAL	1,407	16,889	9,008	4,407	31,712	520/2,190	630/1,270	0/830	1,150/4,290

CAZA SUMMARY (cont.)

3 - PUBLIC SCHOOL STUDENTS IN 2005

STRATEGIC AREA	EXISTING CAPACITY (To be Retained After Upgrading)				ADDITIONAL CAPACITY TO BE PROVIDED FOR			
	Pre-Elem./Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Aakoura					420	560		980
Aamshit	210	280		490	630	280	420	1,330
Afka					420	280		700
Behdidat					210	280		490
Ehmej	210			210		280		280
Halat					630	560		1,190
Hsarat					420	560	210	1,190
Jbail	420			420	840	420	420	1,680
Kartaba	210			210	420	280	210	910
Kartaboun					1,050	980		2,030
Lehfed					840	560	210	1,610
Mounsef					210	280	210	700
Torzaya	210			210	210	280	210	700
TOTAL	1,260	280		1,540	6,300	5,600	1,890	13,790

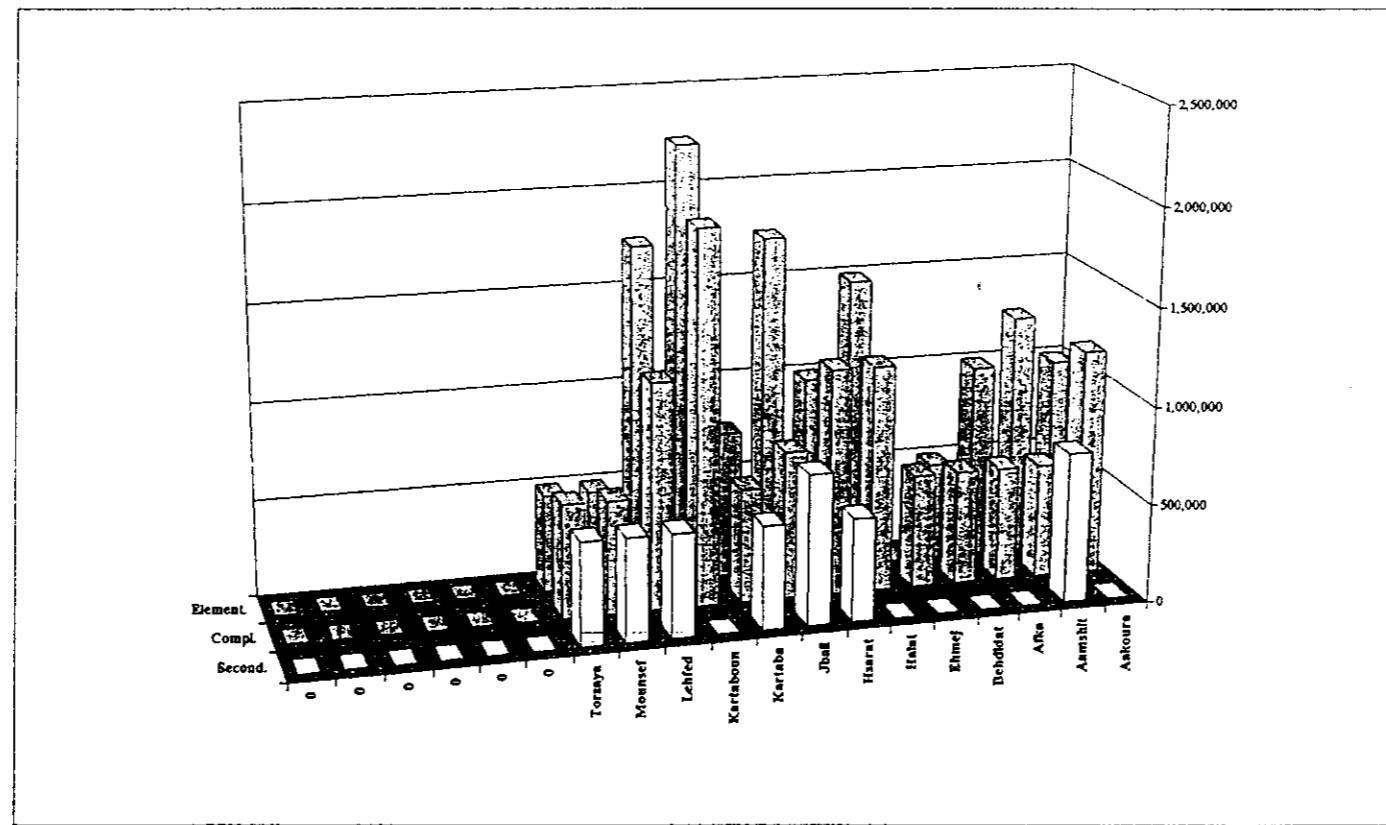
4 - ADDITIONAL NUMBER OF SCHOOLS REQUIRED IN 2005

STRATEGIC AREA	TOTAL NUMBER OF SCHOOLS														
	ELEMENTARY					COMPLEMENTARY					SECONDARY				
	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL
Aakoura	2				2	2				2					
Aamshit	1	1			2	1				1		1			1
Afka	2				2	1				1					
Behdidat	1				1	1				1					
Ehmej						1				1					
Halat	3				3	2				2					
Hsarat	2				2	2				2					1
Jbail	2	1			3		1			1		1			1
Kartaba		1			1	1				1	1				1
Kartaboun	3	1			4	2	1			3					
Lehfed	2	1			3	2				2	1				1
Mounsef	1				1	1				1	1				1
Torzaya	1				1	1				1	1				1
TOTAL	20	5			25	17	2			19	5	2			7

CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS									
	SQUARE METERS				TOTAL COST IN \$			TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Aakoura	2,808	3,222		6,030	996,600	1,159,020		2,155,620	107,781	2,263,401
Aamshit	3,450	1,611	2,090	7,151	1,247,315	579,510	763,153	2,589,978	129,499	2,719,476
Afka	2,808	1,611		4,419	996,600	579,510		1,576,110	78,806	1,654,916
Behdidat	1,404	1,611		3,015	498,300	579,510		1,077,810	53,891	1,131,701
Ehmej		1,611		1,611		579,510		579,510	28,976	608,486
Halat	4,212	3,222		7,434	1,494,900	1,159,020		2,653,920	132,696	2,786,616
Hsarat	2,808	3,222	1,480	7,510	996,600	1,159,020	523,065	2,678,685	133,934	2,812,619
Jbail	4,854	2,064	2,090	9,008	1,745,615	754,670	763,153	3,263,438	163,172	3,426,609
Kartaba	2,046	1,611	1,480	5,137	749,015	579,510	523,065	1,851,590	92,580	1,944,170
Kartaboun	6,258	5,285		11,543	2,243,915	1,913,690		4,157,605	207,880	4,365,485
Lehfed	4,854	3,222	1,480	9,556	1,745,615	1,159,020	523,065	3,427,700	171,385	3,599,085
Mounsef	1,404	1,611	1,480	4,495	498,300	579,510	523,065	1,600,875	80,044	1,680,919
Torzaya	1,404	1,611	1,480	4,495	498,300	579,510	523,065	1,600,875	80,044	1,680,919
TOTAL	38,311	31,511	11,580	81,402	13,711,075	11,361,010	4,141,630	29,213,715	1,460,686	30,674,401



TOTAL COST IN \$

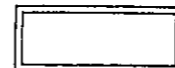
PUBLIC SCHOOL ALLOCATION FOR YEAR 2005

CAZA : JBAIL

MOHAFAZAT : MOUNT LEBANON



Special Case Geographic



Special Case Socio-Economic

Existing Retained School

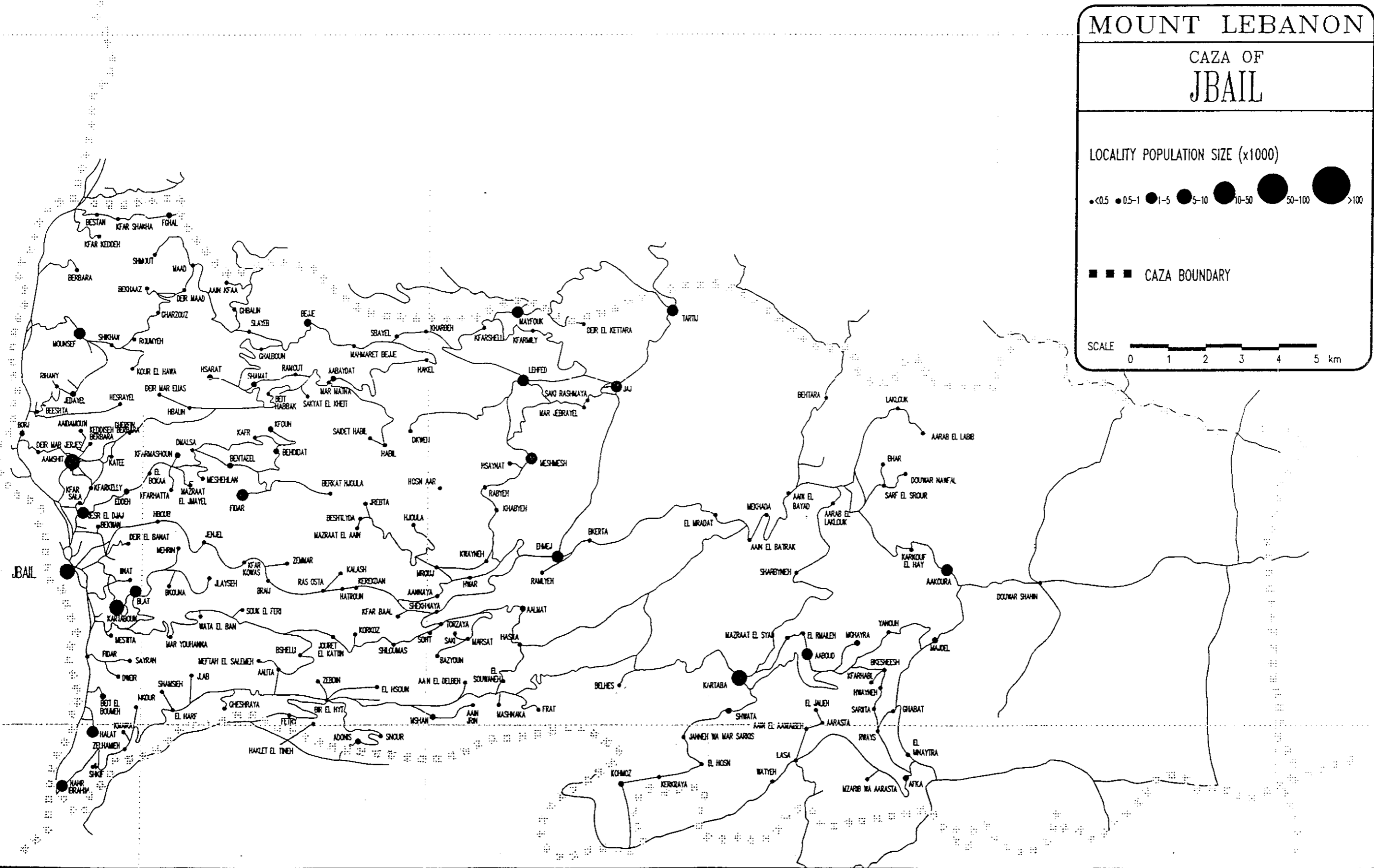
LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Aakoura	1				1								*
Aalmat					1				1				*
Aamshit		1			1					1			
Bejje	1				1				1				*
Bir El Hyt	1				1								*
Blat	1												
Bshelli	1				1								
Ehmej					1								
Fidar	1				1								
Ghabat	1				1								*
Halat	1				1								
Hesrayel	1												
Hsarat	1				1								*
Jbail	1	1				1				1			
Kartaba		1			1				1				
Kartaboun		1				1							
Kfar Sala	1												
Kfarmashoun	1				1								*
Kohmoz	1												
Lasa	1				1								
Lehfed		1			1				1				*
Maad	1				1				1				*
Meshmesh	1												
Mghayra													
Nahr Ibrahim	1												
Tartij	1				1								*
Torzaya	1												
TOTAL	20	5			17	2			5	2			10

51 NEW SCHOOLS IN 26 LOCALITIES

USING 10 SITES FROM A TOTAL OF 10 LANDS AVAILABLE

SCHOOL REGROUPING PROJECT

BASE MAP



SCHOOL REGROUPING PROJECT

CONSTRAINTS & OPPORTUNITIES

MOUNT LEBANON
CAZA OF JBAIL

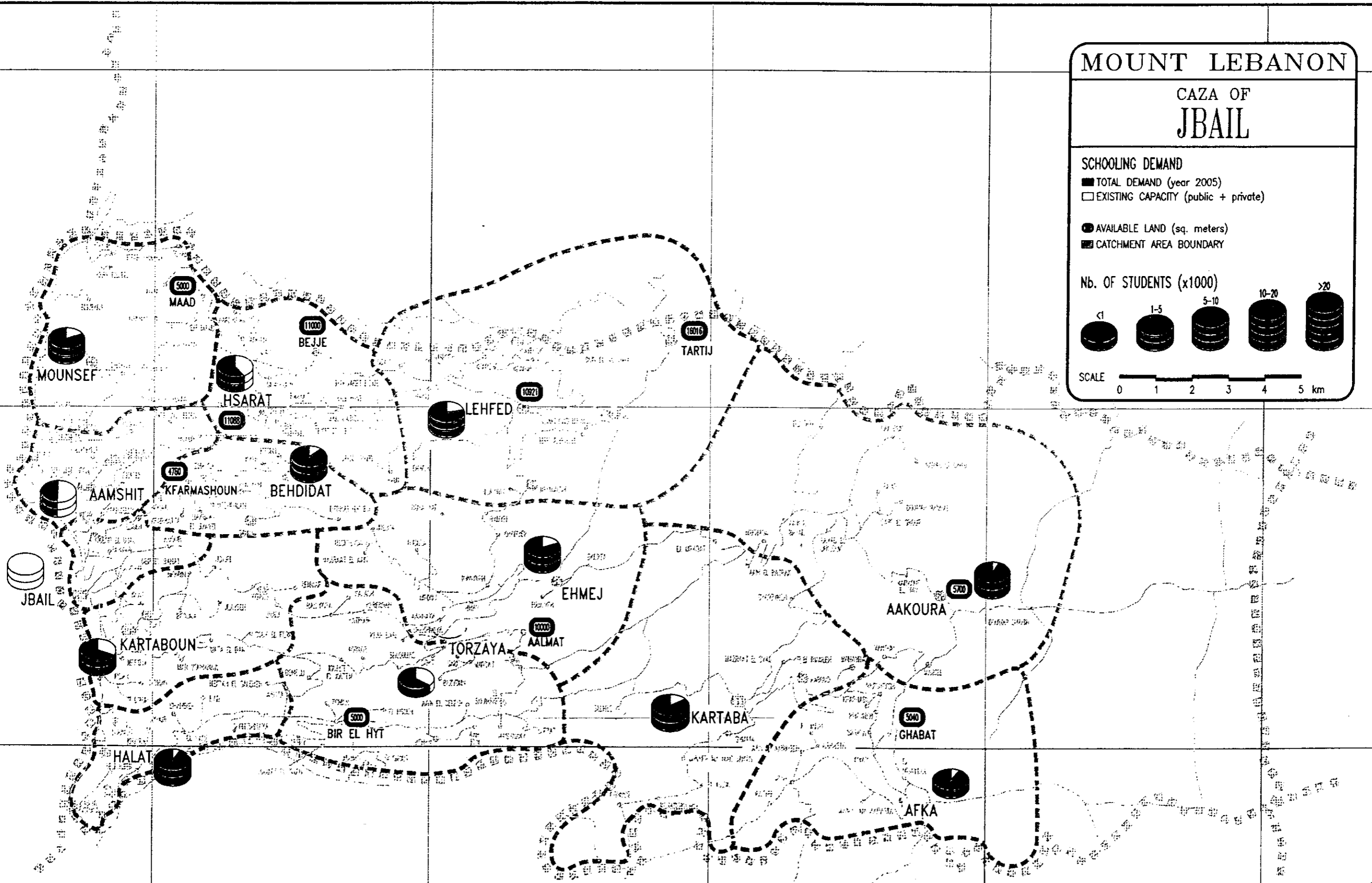
SCHOOLING DEMAND
 ■ TOTAL DEMAND (year 2005)
 □ EXISTING CAPACITY (public + private)

● AVAILABLE LAND (sq. meters)
 ■ CATCHMENT AREA BOUNDARY

Nb. OF STUDENTS (x1000)

● <1 ● 1-5 ● 5-10 ● 10-20 ● >20

SCALE 0 1 2 3 4 5 km



SCHOOL REGROUPING PROJECT

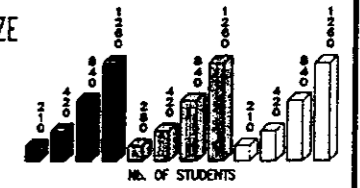
FUTURE SCHOOLS

MOUNT LEBANON

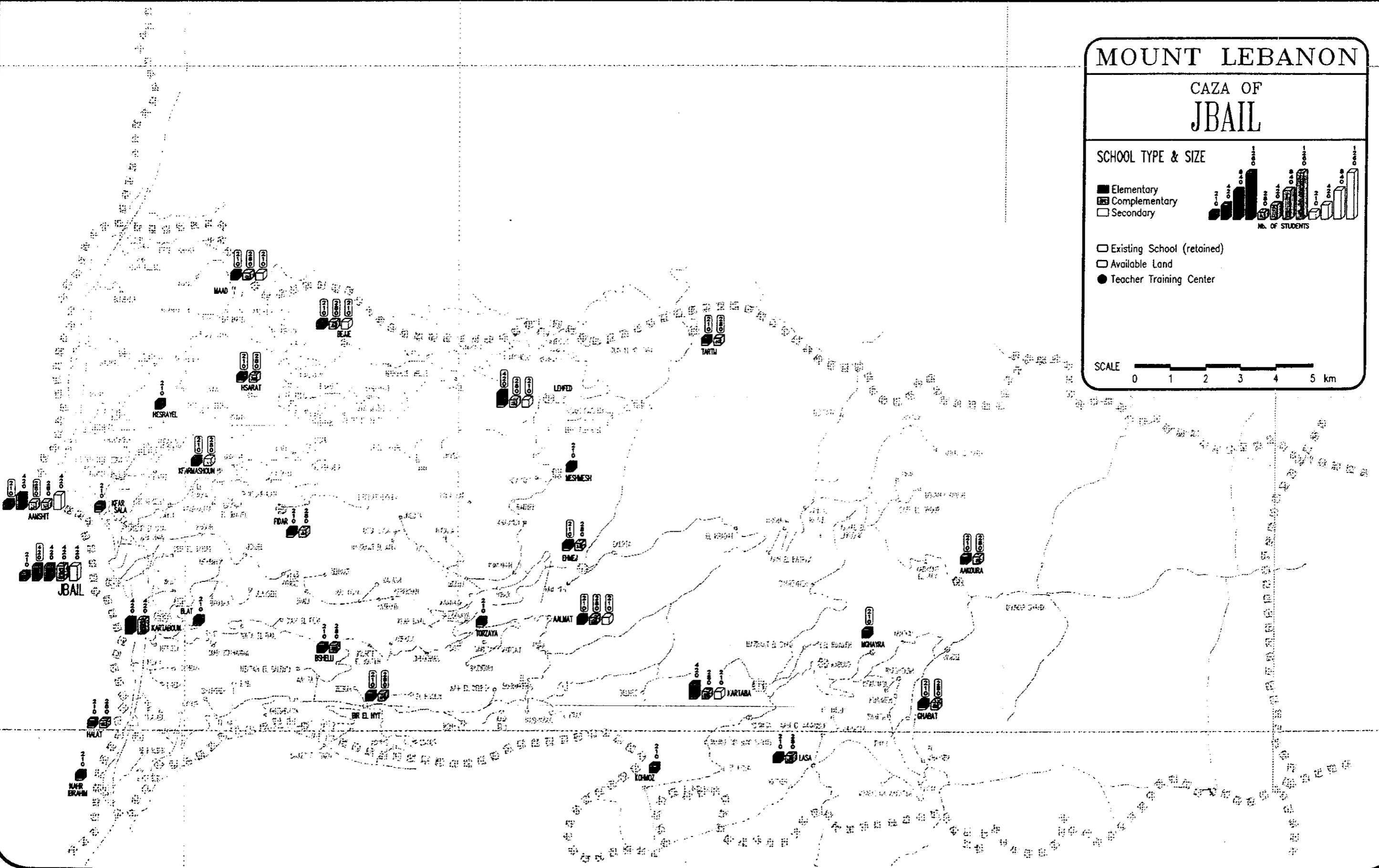
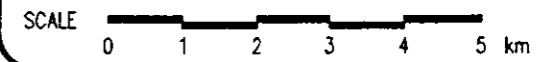
CAZA OF JBAIL

SCHOOL TYPE & SIZE

- Elementary
- ▣ Complementary
- Secondary



- Existing School (retained)
- Available Land
- Teacher Training Center



KESERWAN

CAZA SUMMARY

MOHAFAZAT : MOUNT LEBANON

CAZA : KESERWAN

Average Growth Rate :	1.74%
2002 Population :	185,572
2005 Population :	195,400
Pre-Elementary schooling population :	1.03% of total
Elementary schooling population :	12.38% of total
Complementary schooling population :	6.98% of total
Secondary schooling population :	3.51% of total

1 - POPULATION ESTIMATES

STRATEGIC AREA	YEAR	
	2002	2005
Aajaltoun	10,589	11,150
Aakaybeh	4,435	4,670
Aashkout	10,960	11,540
Ghazir	9,279	9,770
Ghbaleh	7,864	8,280
Hrajel	7,379	7,770
Jounyeh	83,773	88,210
Mazraat Kfarzebyan	4,720	4,970
Tabarja	4,074	4,290
Yahshoush	3,125	3,290
Zouk Mkayel	25,120	26,450
Zouk Mosbeh	14,255	15,010
TOTAL	185,572	195,400

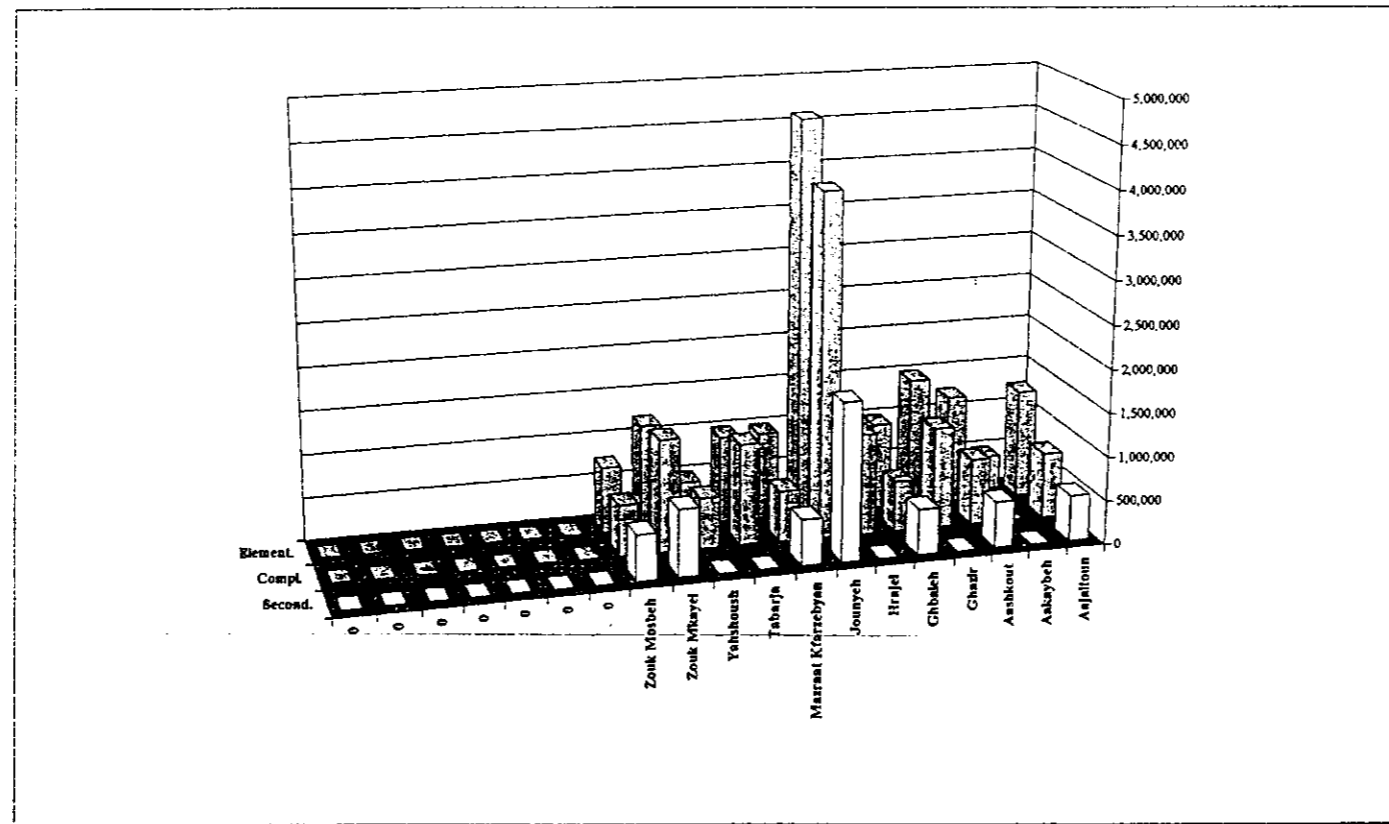
2 - SCHOOLING POPULATION

STRATEGIC AREA	TOTAL NUMBER OF STUDENTS								
	TOTAL DEMAND (2005)					PUBLIC (State/Non-State Owned)			
	Pre-Elem.	Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Aajaltoun	115	1,380	778	391	2,664		0/60	0/170	0/230
Aakaybeh	48	578	326	164	1,116	0/30			0/30
Aashkout	119	1,428	805	405	2,757	0/30	0/100		0/130
Ghazir	101	1,209	682	343	2,334	110/70	260/60	220/0	590/130
Ghbaleh	85	1,025	578	290	1,978	0/140	0/50		0/190
Hrajel	80	962	542	273	1,857	40/170	60/20		100/190
Jounyeh	910	10,919	6,154	3,094	21,077	0/410	0/590	0/330	0/1,330
Mazraat Kfarzebyan	51	615	347	174	1,188	0/80	0/90		0/170
Tabarja	44	531	299	150	1,025	0/50	0/50		0/100
Yahshoush	34	407	230	115	786	0/100	0/50		0/150
Zouk Mkayel	273	3,274	1,845	928	6,320	0/310	0/230		0/540
Zouk Mosbeh	155	1,858	1,047	527	3,587	0/40	0/10		0/50
TOTAL	2,016	24,186	13,633	6,855	46,689	150/1,430	320/1,310	220/500	690/3,240

CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS									
	SQUARE METERS				TOTAL COST IN \$			TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Aajaltoun	3,450	2,064	1,480	6,994	1,247,315	754,670	523,065	2,525,050	126,253	2,651,303
Aakaybeh	1,404			1,404	498,300			498,300	24,915	523,215
Aashkout	3,450	2,064	1,480	6,994	1,247,315	754,670	523,065	2,525,050	126,253	2,651,303
Ghazir	4,212	3,222		7,434	1,494,900	1,159,020		2,653,920	132,696	2,786,616
Ghbaleh	2,808	1,611	1,480	5,899	996,600	579,510	523,065	2,099,175	104,959	2,204,134
Hrajel	2,808	3,222		6,030	996,600	1,159,020		2,155,620	107,781	2,263,401
Jounyeh	12,342	10,788	5,050	28,181	4,599,248	3,954,133	1,809,283	10,362,663	518,133	10,880,796
Mazraat Kfarzebyan	2,808	1,611	1,480	5,899	996,600	579,510	523,065	2,099,175	104,959	2,204,134
Tabarja	2,808	3,222		6,030	996,600	1,159,020		2,155,620	107,781	2,263,401
Yahshoush	1,404	1,611		3,015	498,300	579,510		1,077,810	53,891	1,131,701
Zouk Mkayel	3,178	3,439	2,090	8,707	1,200,883	1,285,773	763,153	3,249,808	162,490	3,412,298
Zouk Mosbeh	2,046	1,611	1,480	5,137	749,015	579,510	523,065	1,851,590	92,580	1,944,170
TOTAL	42,719	34,463	14,541	91,722	15,521,675	12,544,345	5,187,760	33,253,780	1,662,689	34,916,469




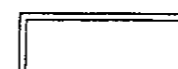
TOTAL COST IN \$

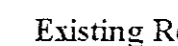
PUBLIC SCHOOL ALLOCATION FOR YEAR 2005

CAZA : KESERWAN

MOHAFAZAT : MOUNT LEBANON

 Special Case Geographic

 Special Case Socio-Economic

 Existing Retained School

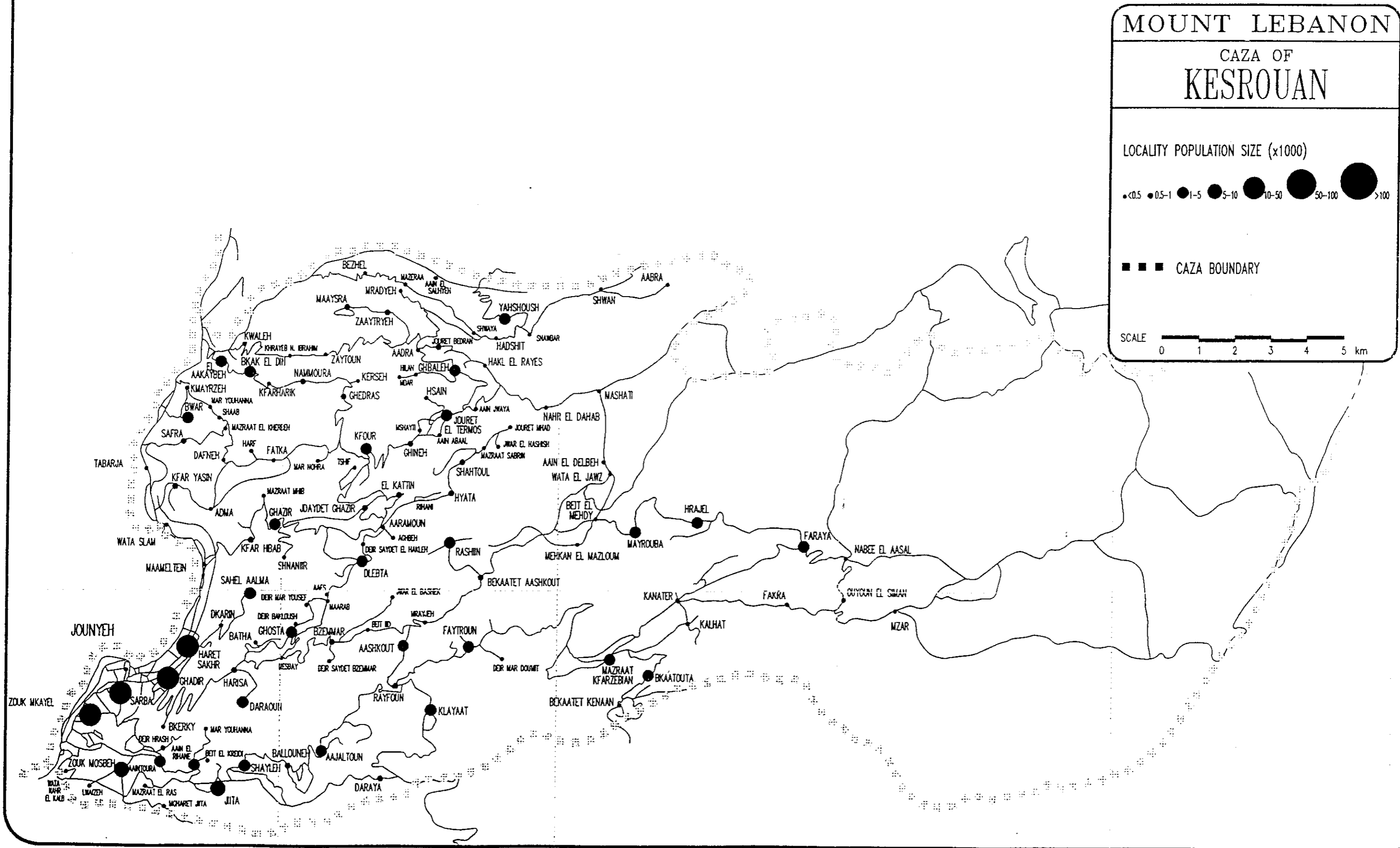
LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Aajaltoun		1				1			1				*
Aakaybeh	1												
Aashkout		1				1			1				*
Bkaatouta	1												
Bwar	1				1								
Daraoun	1				1								
Ghadir			1			1			1				
Ghazir	1				1								*
Ghbaleh	1				1				1				
Haret Sakhr			1			1			1				
Hrajel	1				1								
Kfour	1												
Klayaat	1												
Maaysra	1												
Mayrouba	1				1								
Mazraat Kfarzebyan	1				1				1				*
Raashin	1												
Safra	1				1								
Sahel Aalma	1				1								
Sarba			1				1			1			
Shahtoul	1				1								
Yahshoush	1				1								*
Zouk Mkayel			1				1			1			
Zouk Mosbeh		1			1				1				*
TOTAL	17	3	4		12	4	2		7	2			6

51 NEW SCHOOLS IN 24 LOCALITIES

USING 6 SITES FROM A TOTAL OF 6 LANDS AVAILABLE

SCHOOL REGROUPING PROJECT

BASE MAP



SCHOOL REGROUPING PROJECT

CONSTRAINTS & OPPORTUNITIES

MOUNT LEBANON

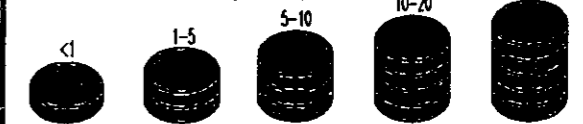
CAZA OF
KESROUAN

SCHOOLING DEMAND

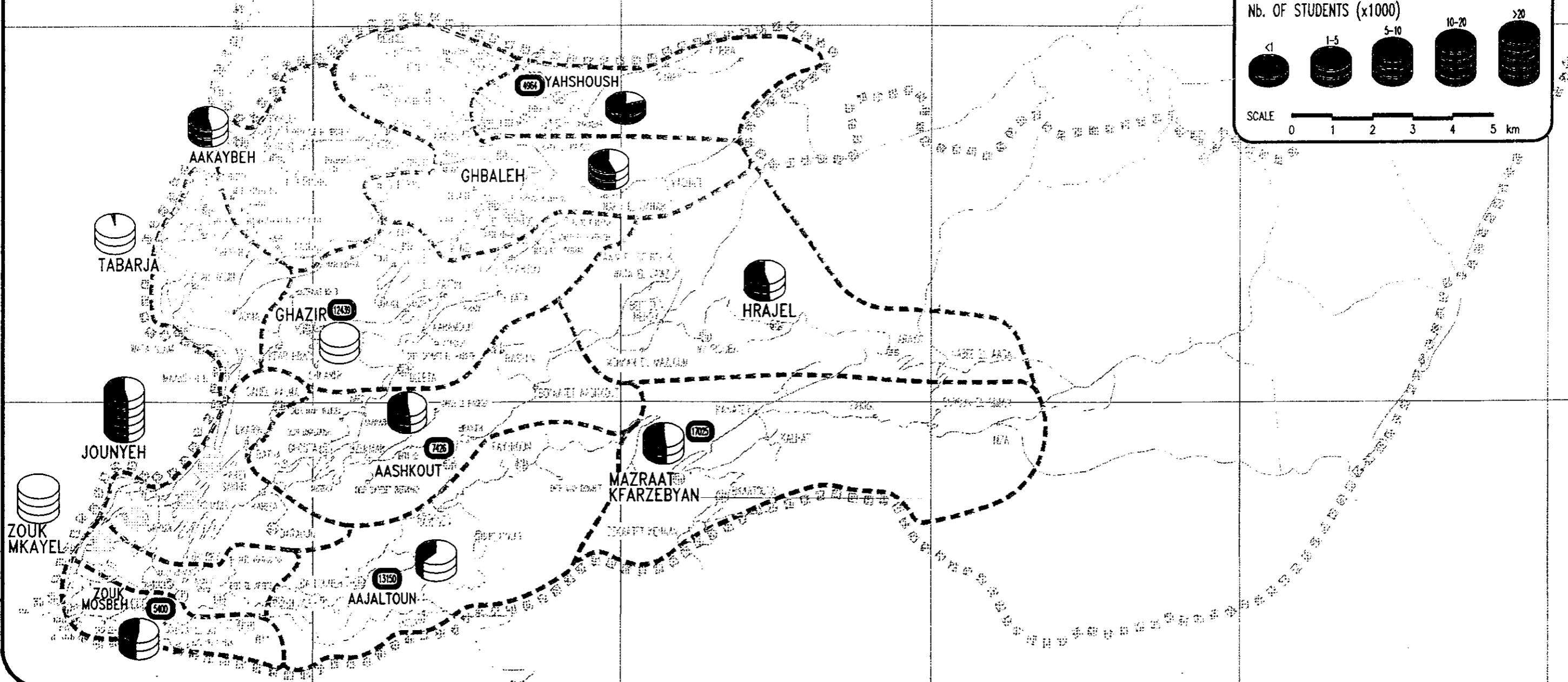
- TOTAL DEMAND (year 2005)
- EXISTING CAPACITY (public + private)

- AVAILABLE LAND (sq. meters)
- ▨ CATCHMENT AREA BOUNDARY

Nb. OF STUDENTS (x1000)



SCALE



SCHOOL REGROUPING PROJECT

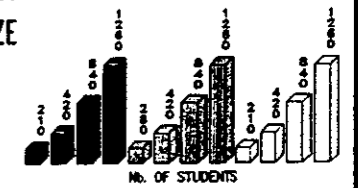
FUTURE SCHOOLS

MOUNT LEBANON

CAZA OF KESROUAN

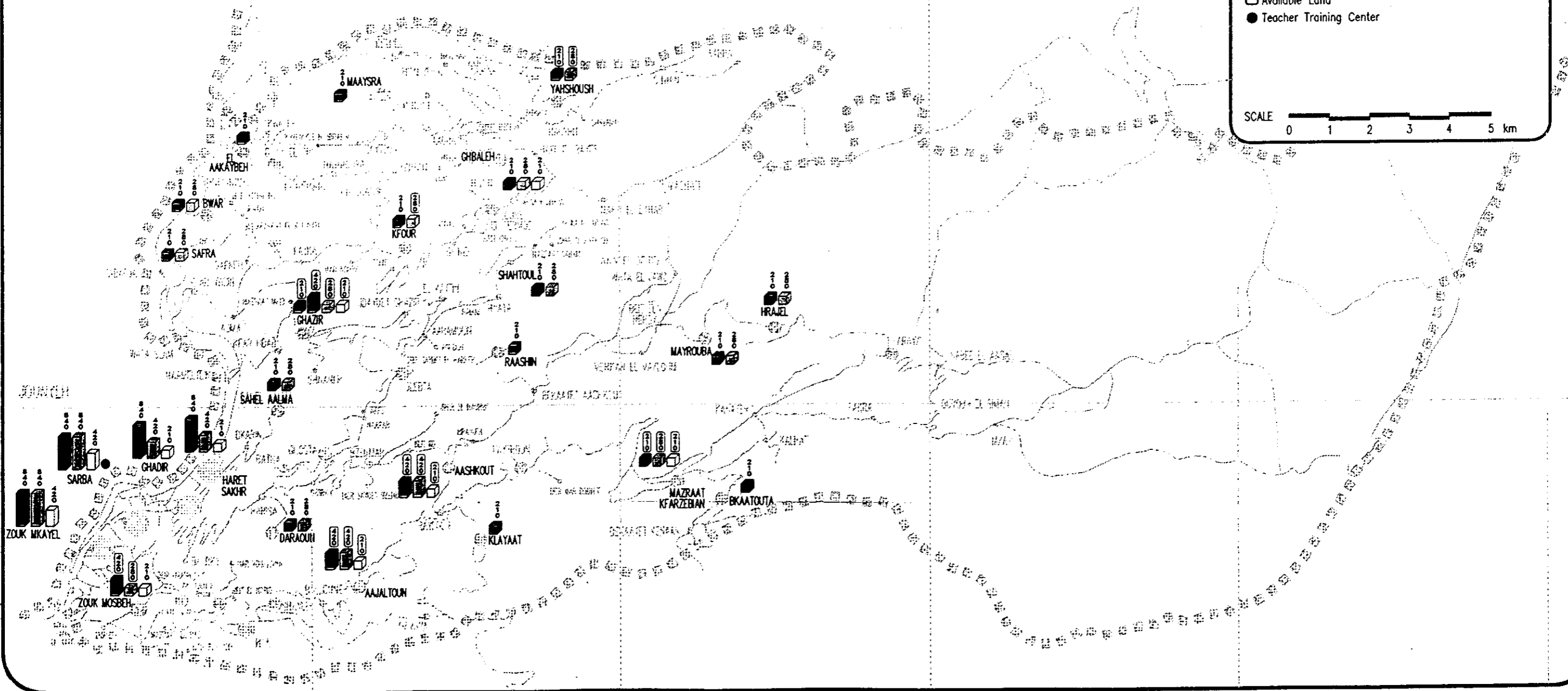
SCHOOL TYPE & SIZE

- Elementary
- ▣ Complementary
- Secondary



- Existing School (retained)
- Available Land
- Teacher Training Center

SCALE 0 1 2 3 4 5 km



MATEN

CAZA SUMMARY

MOHAFAZAT : MOUNT LEBANON

CAZA : MATEN

Average Growth Rate : 1.84%
 2002 Population : 411,637
 2005 Population : 434,730
 Pre-Elementary schooling population : 1.11% of total
 Elementary schooling population : 13.29% of total
 Complementary schooling population : 7.49% of total
 Secondary schooling population : 3.74% of total

1 - POPULATION ESTIMATES

STRATEGIC AREA	YEAR	
	2002	2005
Antelias	16,637	17,570
Baskenta	10,188	10,760
Beit El Sheaar	6,382	6,740
Beit Shabab	6,552	6,920
Bekfaya	15,803	16,690
Borj Hammoud	156,661	165,450
Broummana	26,200	27,670
Bsalim	21,958	23,190
Bteghrin	14,042	14,830
Dekwaneh	35,385	37,370
Dhour El Shwair	10,378	10,960
Jdaydeh	28,785	30,400
Mansouryeh	13,966	14,750
Mrouj	10,955	11,570
Sin El Fil	37,743	39,860
TOTAL	411,637	434,730

2 - SCHOOLING POPULATION

STRATEGIC AREA	TOTAL NUMBER OF STUDENTS								
	TOTAL DEMAND (2005)					PUBLIC (State/Non-State Owned)			
	Pre-Elem.	Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Antelias	195	2,335	1,316	657	4,504	120/400	260/360	0/210	380/970
Baskenta	119	1,430	806	403	2,758	0/170	0/90		0/260
Beit El Sheaar	75	896	505	252	1,728	0/120	0/120		0/240
Beit Shabab	77	920	518	259	1,774	0/90	0/80		0/170
Bekfaya	185	2,218	1,250	624	4,278	0/190	0/270	0/350	0/810
Borj Hammoud	1,833	21,991	12,395	6,190	42,408	0/1,110	0/810		0/1,920
Broummana	306	3,678	2,073	1,035	7,092	0/470	0/400	0/180	0/1,050
Bsalim	257	3,082	1,737	868	5,944	170/340	50/180		220/520
Bteghrin	164	1,971	1,111	555	3,801	110/0	80/0	140/0	330/0
Dekwaneh	414	4,967	2,800	1,398	9,579	0/150	0/180		0/330
Dhour El Shwair	121	1,457	821	410	2,809	30/80	0/130	0/180	30/390
Jdaydeh	337	4,041	2,277	1,137	7,792	0/670	0/930	0/1,260	0/2,860
Mansouryeh	163	1,960	1,105	552	3,781	0/70	0/50		0/120
Mrouj	128	1,538	867	433	2,966	0/230	0/130		0/360
Sin El Fil	441	5,298	2,986	1,491	10,217	0/180	0/300	0/350	0/830
TOTAL	4,815	57,782	32,569	16,265	111,430	430/4,270	390/4,030	140/2,530	960/10,830

CAZA SUMMARY (cont.)

3 - PUBLIC SCHOOL STUDENTS IN 2005

STRATEGIC AREA	EXISTING CAPACITY (To be Retained After Upgrading)				ADDITIONAL CAPACITY TO BE PROVIDED FOR			
	Pre-Elem./Element.	Compl.	Second.	TOTAL	Pre-Elem./Element.	Compl.	Second.	TOTAL
Antelias	420			420	1,470	1,120	1,050	3,640
Baskenta					630	420	210	1,260
Beit El Sheaar					210	280	420	910
Beit Shabab					420	280	210	910
Bekfaya	210			210	630	840	420	1,890
Borj Hammoud					5,250	2,520	1,680	9,450
Broummana					1,050	1,260	420	2,730
Bsalim					1,050	980	210	2,240
Bteghrin	210		210	420	420	420		840
Dekwaneh					1,260	840	840	2,940
Dhour El Shwair	210			210	630	700	210	1,540
Jdaydeh					2,520	1,400	1,260	5,180
Mansouryeh					1,050	420		1,470
Mrouj					630	840	210	1,680
Sin El Fil					1,680	1,260	420	3,360
TOTAL	1,050		210	1,260	18,900	13,580	7,560	40,040

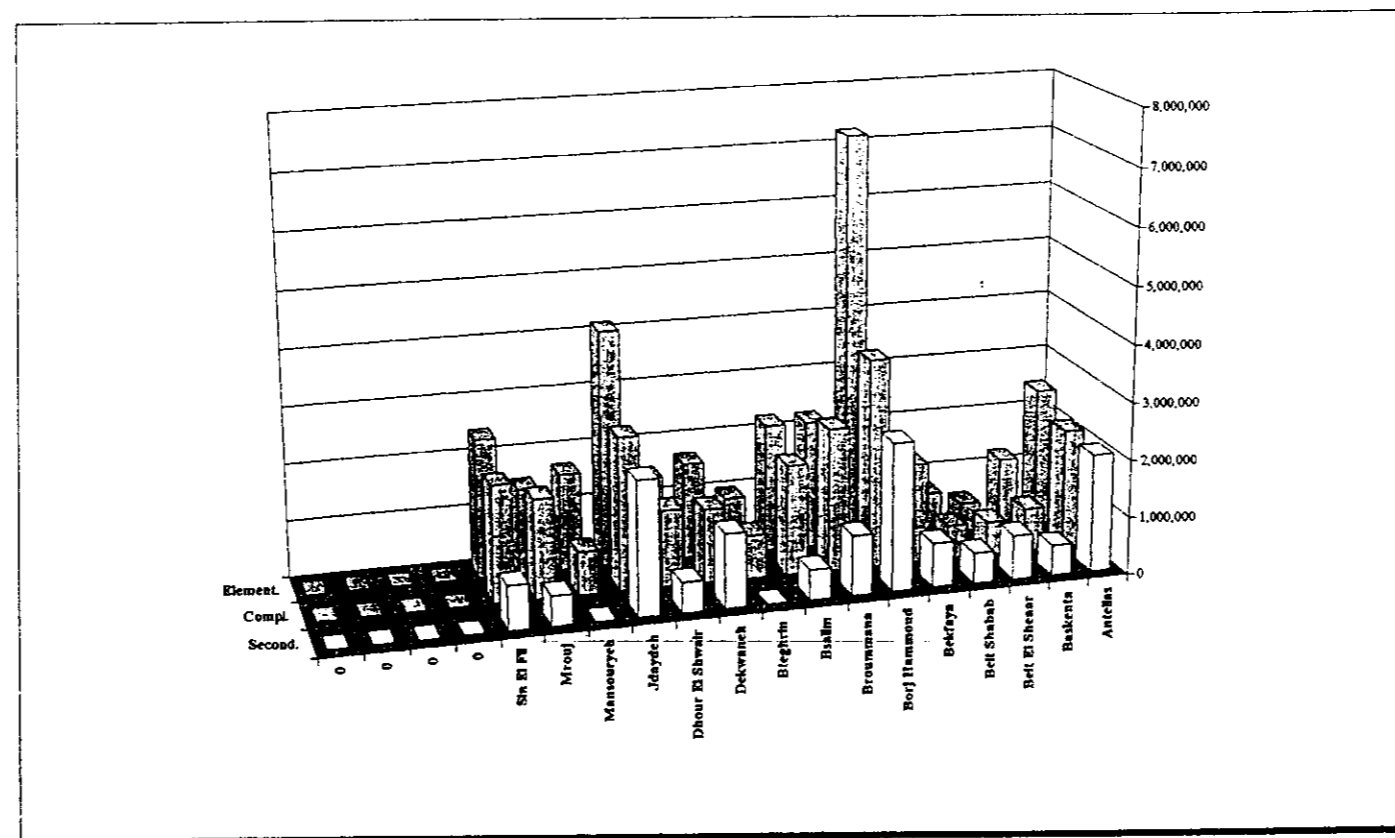
4 - ADDITIONAL NUMBER OF SCHOOLS REQUIRED IN 2005

STRATEGIC AREA	TOTAL NUMBER OF SCHOOLS														
	ELEMENTARY					COMPLEMENTARY					SECONDARY				
	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL	SMALL	MEDIUM	LARGE	X'LARGE	TOTAL
Antelias	1	1	1		3	1	2			3	1	2			3
Baskenta	1	1			2		1			1	1				1
Beit El Sheaar	1				1	1				1		1			1
Beit Shabab		1			1	1				1	1				1
Bekfaya	1	1			2	3				3		1			1
Borj Hammoud	1			4	5				2	2			2		2
Broummana	3	1			4	3	1			4	2				2
Bsalim	3	1			4	2	1			3	1				1
Bteghrin	2				2		1			1					
Dekwaneh				1	1			1		1			1		1
Dhour El Shwair	3				3	1	1			2	1				1
Jdaydeh	2	1	2		5	2	2			4	2		1		3
Mansouryeh	1		1		2		1			1					
Mrouj	3				3	3				3	1				1
Sin El Fil		1		1	2		1	1		2		1			1
TOTAL	22	8	4	6	40	17	11	2	2	32	10	5	4		19

CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS							TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	SQUARE METERS				TOTAL COST IN \$					
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Antelias	6,628	5,738	5,660	18,026	2,448,198	2,088,850	2,049,370	6,586,418	329,321	6,915,738
Baskenta	3,450	2,064	1,480	6,994	1,247,315	754,670	523,065	2,525,050	126,253	2,651,303
Beit El Sheaar	1,404	1,611	2,090	5,105	498,300	579,510	763,153	1,840,963	92,048	1,933,011
Beit Shabab	2,046	1,611	1,480	5,137	749,015	579,510	523,065	1,851,590	92,580	1,944,170
Bekfaya	3,450	4,832	2,090	10,372	1,247,315	1,738,530	763,153	3,748,998	187,450	3,936,447
Borj Hammoud	19,010	9,639	6,879	35,527	7,228,250	3,636,610	2,571,545	13,436,405	671,820	14,108,225
Broummana	6,258	6,896	2,960	16,115	2,243,915	2,493,200	1,046,130	5,783,245	289,162	6,072,407
Bsalim	6,258	5,285	1,480	13,024	2,243,915	1,913,690	523,065	4,680,670	234,034	4,914,704
Bteghrin	2,808	2,064		4,872	996,600	754,670		1,751,270	87,564	1,838,834
Dekwaneh	4,402	3,439	3,439	11,280	1,682,488	1,285,773	1,285,773	4,254,033	212,702	4,466,734
Dhour El Shwair	4,212	3,674	1,480	9,367	1,494,900	1,334,180	523,065	3,352,145	167,607	3,519,752
Jdaydeh	11,210	7,349	6,400	24,959	4,147,380	2,668,360	2,331,903	9,147,643	457,382	9,605,025
Mansouryeh	4,582	2,064		6,646	1,699,183	754,670		2,453,853	122,693	2,576,545
Mrouj	4,212	4,832	1,480	10,525	1,494,900	1,738,530	523,065	3,756,495	187,825	3,944,320
Sin El Fil	6,448	5,503	2,090	14,040	2,431,503	2,040,443	763,153	5,235,098	261,755	5,496,852
TOTAL	86,379	66,601	39,008	191,987	31,853,175	24,361,195	14,189,503	70,403,873	3,520,194	73,924,066



TOTAL COST IN \$

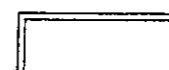
PUBLIC SCHOOL ALLOCATION FOR YEAR 2005

CAZA : MATEN

MOHAFAZAT : MOUNT LEBANON



Special Case Geographic



Special Case Socio-Economic

Existing Retained School

LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Aain Saadeh	1												
Aaintoura	1				1								
Antelias		1				1				1			
Baabdat	1				1				1				
Baskenta		1				1			1				*
Beit Mery	1				1				1				
Beit Shabab		1			1				1				*
Bekfaya		1			1					1			
Borj Hammoud				2				1			1		
Boshryeh			1			1			1				
Broummana		1				1							
Bsalim	1				1								
Bteghrin	1					1							
Byakout	1				1								
Dawra	1												
Dbayeh	1				1				1				
Dekwaneh				1			1				1		*
Dhour El Shwair	1				1				1				
Douwar	1												
Fanar	1				1								
Hemlaya	1				1								
Jal El Dib			1			1				1			*
Jdaydeh			1			1					1		
Jesr El Basha		1				1							
Khenshara	1												
Mansouryeh			1			1							*
Mazraat Yashouh	1				1					1			*
Mhaydseh					1								
Mrouj	1				1				1				

PUBLIC SCHOOL ALLOCATION FOR YEAR 2005 - Continued

CAZA : MATEN

MOHAFAZAT : MOUNT LEBANON

Special Case Geographic

Special Case Socio-Economic

Existing Retained School

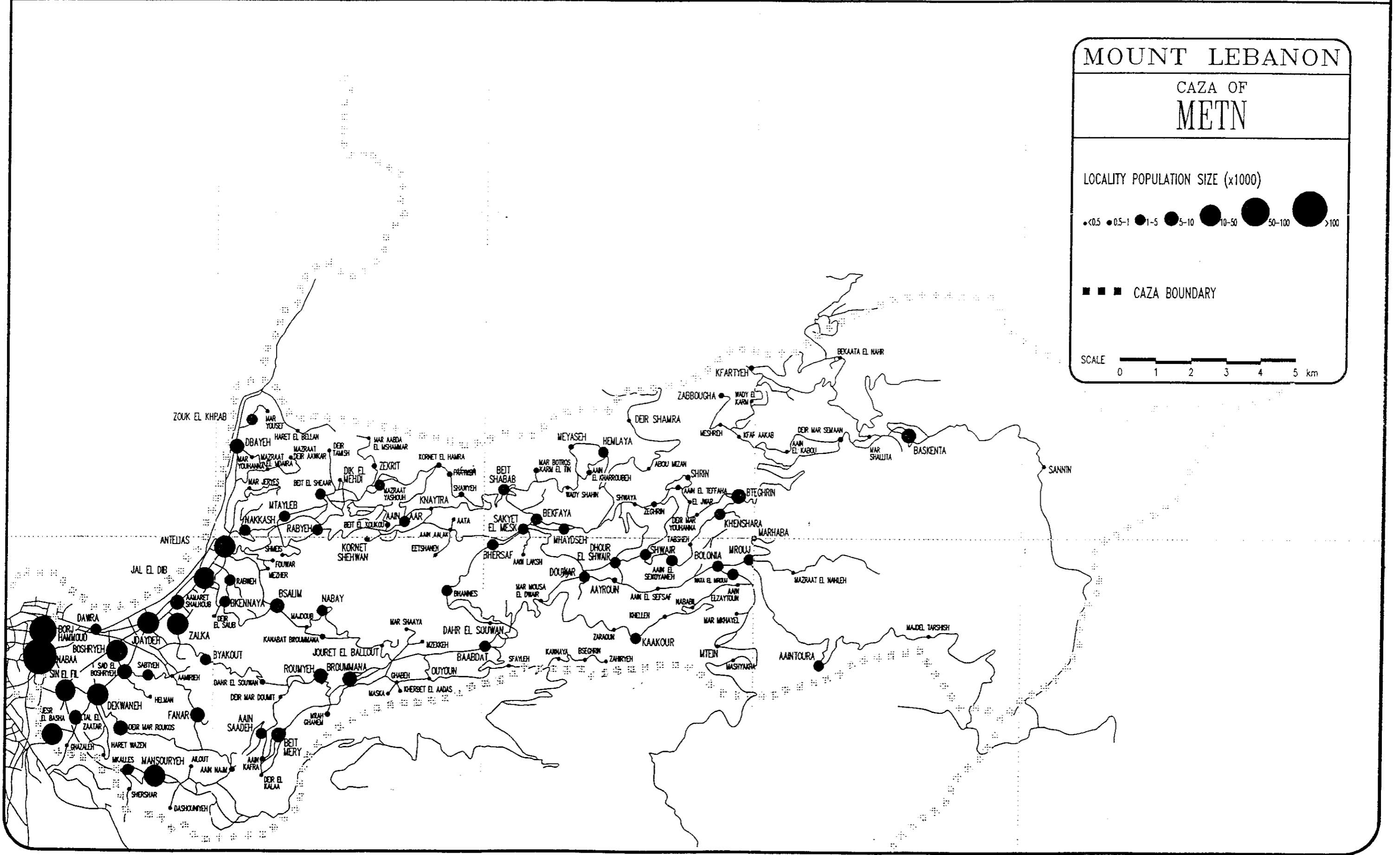
LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Mtein	1				1								*
Nabaa				2				1			1		
Rabweh	1												
Roumyeh	1				1								
Sabt'yeh	1												
Sad El Boshryeh		1			1				1				
Shwair	1					1							*
Sim El Fil				1			1			1			
Wady El Karm	1												
Zalka		1				1			1				
Zaraoun													
TOTAL	22	8	4	6	17	11	2	2	10	5	4		8

91 NEW SCHOOLS IN 39 LOCALITIES

USING 8 SITES FROM A TOTAL OF 8 LANDS AVAILABLE

SCHOOL REGROUPING PROJECT

BASE MAP



MOUNT LEBANON

CAZA OF METN

LOCALITY POPULATION SIZE (x1000)

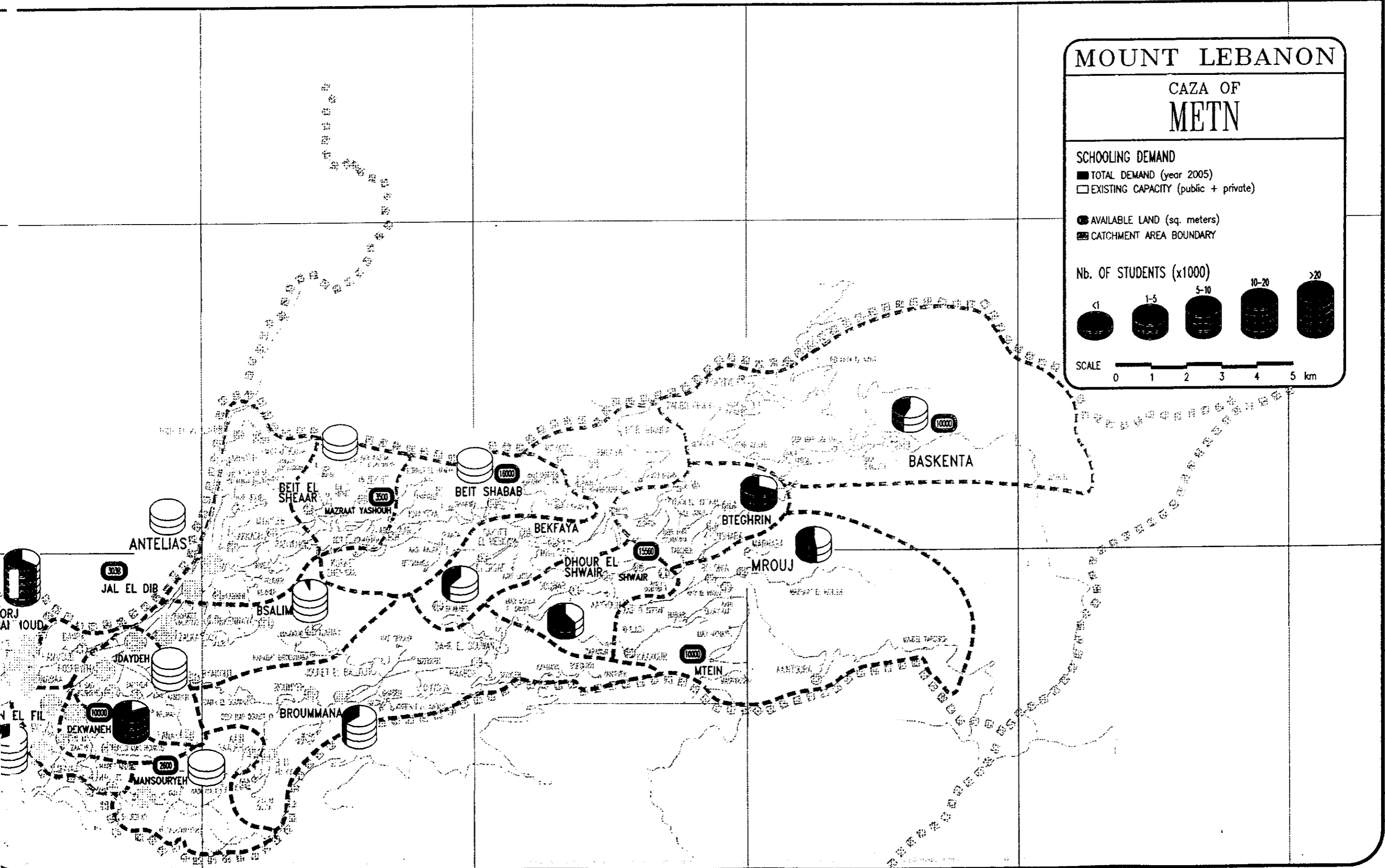
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■ ■ ■ CAZA BOUNDARY

SCALE 0 1 2 3 4 5 km

SCHOOL REGROUPING PROJECT

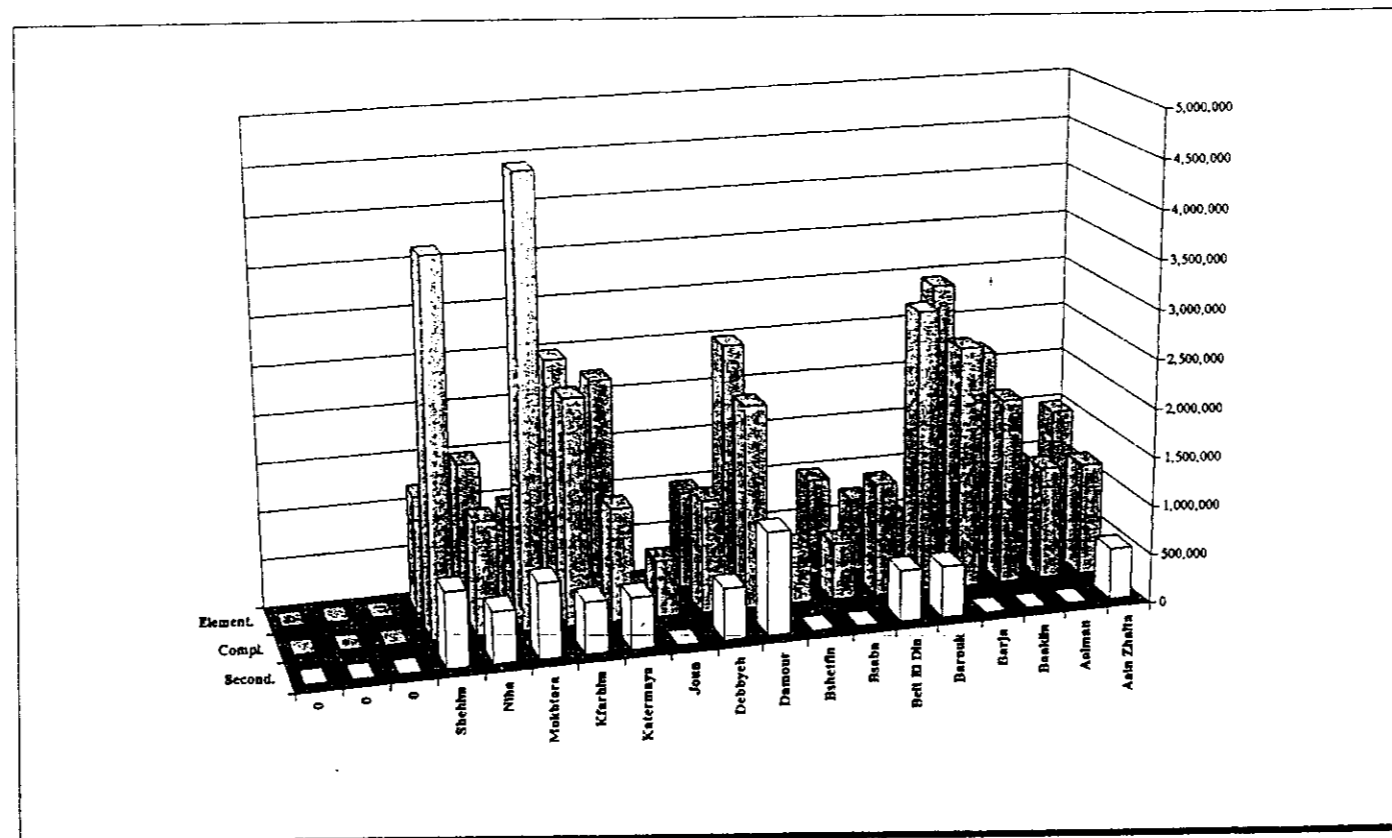
CONSTRAINTS & OPPORTUNITIES



CAZA SUMMARY (cont.)

5 - CAZA BUDGET

STRATEGIC AREA	NEW SCHOOLS							TOTAL NEW (\$)	ENG. COST (\$)	OVERALL TOTAL (\$)
	SQUARE METERS				TOTAL COST IN \$					
	Element.	Compl.	Second.	TOTAL	Element.	Compl.	Second.			
Aain Zhalta	4,212	3,222	1,480	8,914	1,494,900	1,159,020	523,065	3,176,985	158,849	3,335,834
Aalman	2,808	3,222		6,030	996,600	1,159,020		2,155,620	107,781	2,263,401
Baaklin	5,986	5,285		11,271	2,197,483	1,913,690		4,111,173	205,559	4,316,731
Barja	8,032	6,896		14,928	2,946,498	2,493,200		5,439,698	271,985	5,711,682
Barouk	1,404	8,054	1,480	10,938	498,300	2,897,550	523,065	3,918,915	195,946	4,114,861
Beit El Din	2,046	3,222	1,480	6,748	749,015	1,159,020	523,065	2,431,100	121,555	2,552,655
Bsaba	2,808	1,611		4,419	996,600	579,510		1,576,110	78,806	1,654,916
Bshetfin		1,611		1,611		579,510		579,510	28,976	608,486
Damour	6,900	5,738	2,960	15,599	2,494,630	2,088,850	1,046,130	5,629,610	281,481	5,911,091
Debbyeh	2,808	3,222	1,480	7,510	996,600	1,159,020	523,065	2,678,685	133,934	2,812,619
Joun		1,611		1,611		579,510		579,510	28,976	608,486
Katermaya	6,258	3,222	1,480	10,960	2,243,915	1,159,020	523,065	3,926,000	196,300	4,122,300
Kfarhim	7,020	6,443	1,480	14,943	2,491,500	2,318,040	523,065	5,332,605	266,630	5,599,235
Mokhtara	2,808	12,634	2,090	17,532	996,600	4,582,050	763,153	6,341,803	317,090	6,658,893
Niha	4,212	3,222	1,480	8,914	1,494,900	1,159,020	523,065	3,176,985	158,849	3,335,834
Shehim	3,178	10,570	2,090	15,838	1,200,883	3,827,380	763,153	5,791,415	289,571	6,080,986
TOTAL	60,481	79,783	17,501	157,765	21,798,423	28,813,410	6,233,890	56,845,723	2,842,286	59,688,009



TOTAL COST IN \$

PUBLIC SCHOOL ALLOCATION FOR YEAR 2005

CAZA : SHOUF

MOHAFAZAT : MOUNT LEBANON

Special Case Geographic

Special Case Socio-Economic

Existing Retained School

LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Aain Wa Zein						1							
Aain Zhalta	1				1				1				
Aainbal	1												
Aalman	1				1								
Aamatour					1								
Aammik													
Aanout					1								
Baadaran	1				1								*
Baaklin			1			1							*
Baasir					1								
Barja	1		1		1	1				1			*
Barouk					1				1				
Bater	1				1								*
Batloun					1								
Bekaata	1				1								
Berjayn					1								
Bireh	1												
Botmeh	1												
Brih					1								
Bsaba	1												
Bshetfin					1								
Dahr Aain El Hawr	1												
Dahr El Maghara	1												
Dalhoun					1								
Damit					1								*
Damour	1	1				1			1				*
Daraya					1								
Debbyeh	1				1				1				*
Deir Dourit	1												*
Deir El Kamar		1			1				1				*

PUBLIC SCHOOL ALLOCATION FOR YEAR 2005 - Continued

CAZA : SHOUF

MOHAFAZAT : MOUNT LEBANON

Special Case Geographic

Special Case Socio-Economic

Existing Retained School

LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Deir Koush													
Gharifeh					1								
Haret Baasir	1												
Haret El Naameh					1				1				
Hasrout													
Jahilyeh	1				1								
Jbaa El Shouf													
Jiyeh		1			1								
Joun					1								*
Katermaya		1			1				1				*
Kfar Nabrakh					1								*
Kfarfakoud	1				1								
Kfarhim					1				1				
Kfarkatra					1								*
Khraybeh					1								
Maaser El Shouf					1								
Majdel El M'oush	1				1								
Maz. El Dahr					1								
Maz. El Shouf						1							*
Mazboud					1								
Mghayryeh													
Mokhtara						1							
Mresti	1												
Mtolleh	1												
Naameh		1				1							
Niha	1				1				1				
Rmaileh	1				1								
Seblin	1												
Serjbal	1												*
Sh'him			1			1				1			

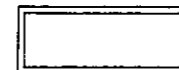
PUBLIC SCHOOL ALLOCATION FOR YEAR 2005 - Continued

CAZA : SHOUF

MOHAFAZAT : MOUNT LEBANON



Special Case Geographic



Special Case Socio-Economic

Existing Retained School

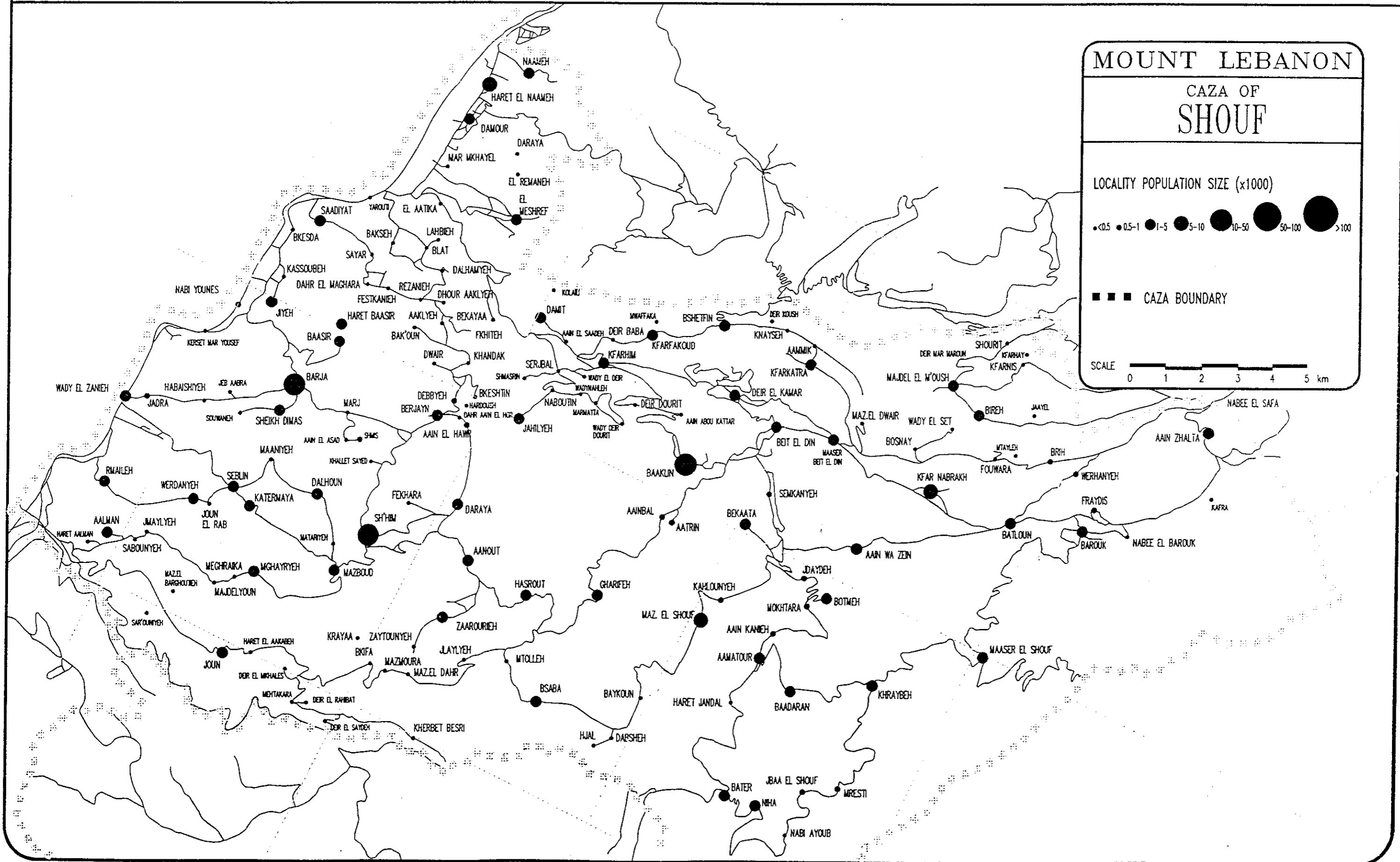
LOCALITY	ELEMENTARY SCHOOLS				COMPLEMENTARY SCHOOLS				SECONDARY SCHOOLS				AVAILABLE LAND
	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	Small	Medium	Large	X-Large	
Wady El Zineh	1												
Wady Bnahley	1												
Werdanyeh	1				1								
Werhanyeh	1				1								*
Zaarourieh						1							
TOTAL	29	5	3		38	9			9	2			16

95 NEW SCHOOLS IN 60 LOCALITIES

USING 16 SITES FROM A TOTAL OF 16 LANDS AVAILABLE

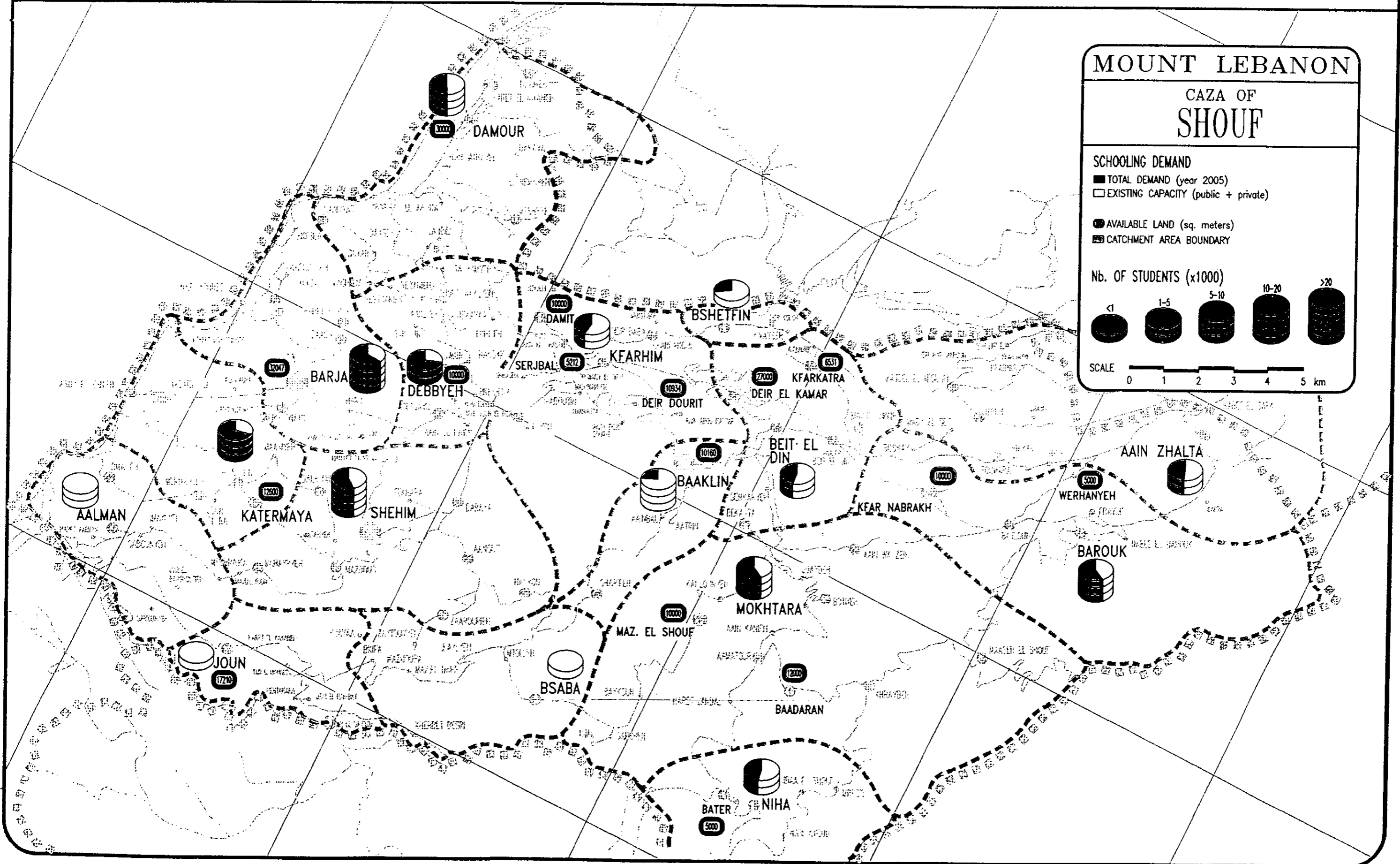
SCHOOL REGROUPING PROJECT

BASE MAP



SCHOOL REGROUPING PROJECT

CONSTRAINTS & OPPORTUNITIES



SCHOOL REGROUPING PROJECT

FUTURE SCHOOLS

الجمهورية اللبنانية
 وزارة الشؤون البلدية والقروية والإسكان
 مركز مشاريع القطاع العام

