HUMAN RESOURCE SURVEY: TEACHER SUPPLY AND DISTRIBUTION

BALOCHISTAN

FINAL REPORT

March 1994

OFFICE OF ADDITIONAL DIRECTOR PRIMARY EDUCATION

EXECUTIVE SUMMARY

The Human Resource Survey (HRS) was designed to collect information on the current status and prospects for primary education in the villages of Balochistan. A main concern was female teacher supply and distribution. At present a shortage of primary teachers threatens efforts to increase the enrollment of girls in rural areas. HRS is intended to assess the current situation in villages of Balochistan and provide information to the Department of Education to plan building and staffing requirements for primary school expansion.

The present report summarizes information from 9003 villages in the 20 districts of Balochistan existing at the time of the survey. The villages were identified from a comprehensive list of villages provided by the Office of Local Government. In each village, teacher-researchers conducted an interview with a knowledgeable local leader. Information was collected on conditions in the villages, the current availability of educational opportunities, student enrollments and degree holders. Community leaders were also asked to estimate to the best of their ability, parental demand for girls' education, the resources needed for initiating or expanding primary education, the availability of qualified female teaching staff, possible alternative teaching arrangements, ways to increase future pools of teaching candidates, and the impact of current programs designed to improve the distribution of teachers.

NOTEWORTHY FINDINGS

Do villagers want education for girls in the 9003 villages of Balochistan?

A majority of parents and community leaders appear to be in favor of providing educational opportunities for girls.

- o 56 percent of these villages report that more than half of the parents want education for girls; in 34 percent of villages all parents reportedly want education for girls.
- o 61 percent of the villages report that all community leaders want education for girls.
- o 50 percent of the villages claim to provide religious education for boys and 39 percent claim to do so for girls, showing already existing interest in relevant kinds of education for both boys and girls.
- o The widespread existence of mixed gender classrooms (see below) supports the idea that there is substantial demand for girls' education in these villages.

To what extent are primary school opportunities available in these villages?

Many more villages have primary school opportunities for boys than for girls. Girls appear to have more opportunities to enroll in mixed gender schools than in single-sex schools for girls.

- o 57 percent of villages report having some type of primary schooling (government primary or government mosque) for boys, compared to 20 percent for girls.
- o Villagers report the existence of more mixed gender than single-sex schools for girls. 16 percent of villages report mixed gender government schools (compared to 4 percent single-sex girls' schools). 14 percent of villages report mixed gender mosque schools (compared to less than 1 percent single-sex mosque schools for girls).

To what extent are additional facilities and teachers required to expand primary schooling?

- Villages report a need for facilities and teachers primarily to <u>begin</u> education for girls; few girls' schools are crowded enough as yet to need to expand existing opportunities. However, for boys, facilities and teachers are needed about equally to begin and to <u>expand</u> existing opportunities.
- o To begin education, facilities are reportedly needed for boys in 42 percent and for girls in 85 percent of villages.
- o To ease crowding or expand existing opportunities, facilities are reportedly needed for boys in 42 percent and for girls in 4 percent of villages.
- o To begin education, teachers are reportedly needed for boys in 43 percent and for girls in 85 percent of villages.
- o To ease crowding or expand existing opportunities, teachers are reportedly needed for boys in 36 percent and for girls in 3 percent of villages.

Are additional female teachers currently available in or near the villages that claim to need teachers for girls?

- Only a small number of villages report being close enough to a potential supply of female teachers to make bussing a potentially useful strategy.
- o Only 4 percent of the villages report being within 10 kilometers of "urban" settlements where potential female teachers may be available, and 17 percent report being within 25 kilometers of such settlements.

Are women becoming qualified at present who might serve as primary teachers in the future?

Few girls are enrolled in primary school, and far fewer go on to middle or matric level. In the short run, therefore, it will be difficult to increase the supply of qualified female teachers. In the long run it will be necessary to increase the supply of middle and

matric graduates.

- o 79 percent of villages report having boys and 26 percent report having girls currently enrolled at primary level somewhere (in the village, in neighboring schools or elsewhere).
- o 37 percent of villages report having boys and 3 percent report having girls attending middle level somewhere.
- o 23 percent of villages report having boys and 2 percent report having girls attending secondary (matric) level somewhere.

What opportunities for middle and matric level schooling exist in these villages, and what facilities would encourage parents to enroll their daughters in these schools?

- There are almost no middle or matric level opportunities for girls in the villages of Balochistan. If such opportunities could be provided in the village or close by, many parents appear willing to enroll their daughters.
- o Less than 1 percent of villages report having middle school opportunities for girls compared to 6 percent for boys.
- o Almost no villages report having matric opportunities for girls, while 2 percent report having them for boys.
- o Of villages which report having female primary school certificate holders, almost 35 percent claimed to be willing to send daughters to middle level if schools were located in the village. Almost as many (28 percent) claimed to be willing to do so if school buses were available.

Are there alternative strategies which would help to expand the availability of primary school opportunities for girls?

It may not always be necessary to hire female teachers or to provide single-sex schools in order to make primary school opportunities available for girls.

- o 62 percent of villages report being willing to accept male teachers for girls in Kachi through Class Three, and 36 percent would reportedly do so for Classes Four and Five.
- o If male teachers are employed for girls' schools, villagers would prefer a local male (45 percent), then a Pesh Imam (42 percent), older retired male teacher (39 percent). Only a few (1 percent) report being willing to accept a male from outside the village.
- o 62 percent of villages report being willing to accept coeducation for girls in Classes K through Three and 37 percent report being willing to accept coeducation for girls in Classes Four

and Five.

- o 16 percent of villages report that coeducational primary school opportunities already exist in their village.
- o Of villages needing teachers to begin or expand education for girls, 29 percent could be served by hiring locally available qualified females or males (if males are acceptable as teachers in the girls' schools by the local community).

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INTRODUCTION

The Human Resource Survey was designed to collect information on the current status and prospects for primary education in villages of Balochistan. A main concern was female teacher supply and distribution. At present a shortage of primary teachers threatens efforts to increase the enrollment of girls in rural areas. HRS is intended to assess the current situation in Balochistan and provide information to the Department of Education to plan building and staffing requirements for primary school expansion.

The Survey began in the early spring of 1990 with support from UNICEF, the Primary Education Development Programme and the BRIDGES Project of the Harvard Institute of International Development. Andrea Rugh from the BRIDGES Project worked with Mr. Malik Ijaz, now Additional Director of Primary Education and Ms. Tahira Qazalbash to design the Survey and train researchers for data collection. In late spring and summer of 1990, Ms. Tahira, with support from Mr. Faiz Jaffir, Assistant Director of Primary Education, conducted the first phase of the survey with the assistance of District Education Officers, supervisors and teachers. This first phase covered semi-urban villages within a short drive of settlements having over 5000 population. Later a second phase covered all other rural villages with populations over 200 inhabitants. The current report summarizes information from 9003 villages in the 20 districts then existing in Balochistan. The villages were identified from a comprehensive list of villages provided by the Office of Local Government.

In each village, teacher-researchers conducted an interview with a knowledgeable local leader. Information was collected on conditions in the villages, the current availability of educational opportunities, student enrollments and present degree holders. Community leaders were also asked to estimate to the best of their ability, parental demand for girls' education, the resources needed for initiating or expanding primary education, the availability of qualified female teaching staff, possible alternative teaching arrangements, ways to increase future pools of teaching candidates, and the impact of current programs designed to improve the distribution of teachers. Their assessments suggest possible avenues for approaching and ultimately improving the teacher supply problem. The report shows that a variety of conditions exist in the districts of Balochistan, and that strategies to expand primary education will need to be flexible to address the existing sets of conditions.

1. Do villages want girls' education in Balochistan?

1.1 Parental interest in education for girls. Table 1 shows parental interest in education for girls in the villages of Balochistan. More than 90 percent of the villages report some parents who are interested in education for girls. 56 percent report that more than half of the parents want education for girls. Over a third claim that all parents in the village want education for girls.

Parents from villages in Ziarat, Panjgur, Jaffarabad, and Kharan districts appear to be most interested in education for girls and those in Dera-Bughti, K.Saifullah, Sibi and Kohlu are least interested. Substantial variations in parental attitudes are in evidence within each division and, in some cases, within a single district (for instance in Kohlu and Kalat).

Table 1: Village interest in education for girls (Ratio of parents

Table 1: Village interest in education for girls (Ratio of parents wanting girls' education)

DIVISION	DISTRICT	N N	None 	Less than Half	Half	More than Half	All
KALAT	KALAT	729	 21%	10%	12%	 17%	40%
	KHARAN	370	6응	2%	22%	15%	55%
	KHUZDAR	1102	4 응	18%	28%	20%	31%
	LASBELA	511	1%	9%	23%	29%	38%
NASIRABAD	J.ABAD	598	4%	4%	16%	20%	56%
	KACHI	942	26%	7%	17%	22%	28%
	TAMBOO	372	3%	15%	34%	17%	31%
QUETTA	CHAGHI	276	2%	3%	13%	36%	46%
	PISHIN	724	2%	11%	36%	29%	22%
	QUETTA	250	10%	8%	16%	29%	36%
SIBI	D-BUGHTI	265	0 응	17%	39%	34%	10%
	KHOLU	206	26%	1%	49%	7%	17%
	SIBI	200	21%	35%	14%	16%	16%
	ZIARAT	115	8%	5%	0%	10%	77%
TURBAT	GAWADER	215	1%	12%	28%	40%	18%
	PANJGOOR	221	0 응	2%	14%	15%	69%
	TURBAT	466	1%	1%	38%	15%	45%
ZOAB	K-SAFULA	304	14%	20%	29%	25%	13%
	LORALAI	827	11%	13%	28%	22%	26%
	ZOAB	310	10% 	26용 	15% 	24용 	25왕
TOTAL	=	9003	===== 9응	11%	====== 24%	22%	34%

1.2 Community contributions to education. Evidence of parental support for education can be found in communities' willingness to contribute materially to the costs of education. Table 2 shows the considerable material contributions villagers claim to have made or are willing to make to boys' and girls' education.

In most instances more is reportedly contributed to boys' as compared to girls' education. This difference is particularly large in some districts (Dera-Bughti, Chaghi, Pishin and Loralai) and relatively small in others (Kalat and Khuzdar); while in Kalat district parents reportedly contribute more to girls' than to boys' education.

Villages appear most willing to provide land for purposes of children's education and less willing to provide buildings and other physical facilities such as residences for teachers. Very few villages appear willing to provide financial support to education, either by way of direct monetary contributions or by paying teachers' salaries.

Table 2. William past contributions to bound and similar advantion

Table 2:	Village p	past o	conti	ribut:	ions	to bo	oys'	and c	jirls	s'edi	ıcati	on	
DIVISION	DISTRICT	 Fre La: M		Fre Bu: M	ee ild. F	Bou Wal	und. ll F	Mor Dor M	ney nat. F	Tcl Res M	nr. s. F		ary Tch F
KALAT	KALAT	52%	57%	15%	2%	2%	1%	0%	0 %	22%	6%	0%	0%
	KHARAN	50%	33%	2%	0%	1%	0%	0%	0 응	2%	0%	0%	0%
	KHUZDAR	37%	33%	2%	1%	0%	0%	0%	0%	1%	1%	0%	0%
	LASBELA	49%	8%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
NASIRABAI		53%	21%	2%	0%	1%	0%	0%	0%	11%	2%	0%	0%
	KACHI	45%	4%	5%	1%	1%	1%	0%	0%	8%	1%	0%	0%
	TAMBOO	61%	16%	1%	1%	2%	2%	0%	0 %	25%	7%	0 %	0%
QUETTA	CHAGHI	69%	0%	2%	0%	0%	1%	0%	0 %	7%	1%	0%	0%
	PISHIN	80%	6%	12%	1%	8%	2%	0%	0%	15%	2%	0%	0%
	QUETTA	52%	20%	12%	8%	10%	9%	0%	0 %	3%	1%	0 %	0%
SIBI	D-BUGHTI	63%	3%	26%	3%	14%	1%	0%	0 %	37%	1%	0%	0%
	KHOLU	77%	26%	38%	5%	1%	1%	0%	0%	3%	2%	0%	0%
	SIBI	66%	28%	15%	9%	7%	6%	0%	0 %	88	7%	1%	1%
	ZIARAT	79%	57%	24%	24%	88	25%	0%	1%	13%	23%	0 %	0%
TURBAT	GAWADER	58%	33%	7%	2%	4 %	1%	1%	0 %	29%	12%	0%	0%
	PANJGOOR	•	33%	1%	4%	3%	14%	2%	0 %	42%	14%	0%	0%
	TURBAT	56%	88	5%	1%	1%	0%	1%	0%	33%	4%	0 %	0%
ZOAB	K-SAFULA		21%	56%	10%	32%	12%	1%	0%	65%	18%	1%	0%
	LORALAI	67%	4%	40%	3%	16%	3%	0%	0%	27%	2%	0%	0%
	ZOAB	72% 	16%	41%	7%	14%	5%	0%	0 %	38%	5 % 	2%	0 응 ====
TOTAL	 	 57%	12%	13%	2%	5%	2%	0%	0%	 17%	4%	0%	0%

1.3 Community leader acceptance of education for girls. In many villages, community leaders strongly influence whether girls go to school or not. Their attitudes can make a difference in whether school facilities are provided and whether girls enroll in school.

As Table 3 shows, community leaders (Maliks, Sardars, Imams) in the villages display widespread interest in education for girls. More than 90 percent of the villages claim to have at least some leaders interested in education for girls, and more than 60 percent report that all community leaders

support education for girls. Community leader support is highest in Quetta, Ziarat and Chaghi districts. Kohlu, Kachi and Sibi still have a substantial proportion of community leaders who oppose education for girls.

Table 3:	Table 3: Village leader interest in education for girls											
DIVISION	DISTRICT	N	N N	one %	A. N	11 %	N	Some %				
KALAT	KALAT	729	153	21%	438	60%	138	19%				
	KHARAN	370	25	7%	222	60%	123	33%				
	KHUZDAR	1102	42	4%	767	70%	293	27%				
	LASBELA	511	7	1%	396	77%	108	21%				
NASIRABAD	J.ABAD	598	22	4%	451	75%	125	21%				
	KACHI	942	246	26%	510	54%	186	20%				
	TAMBOO	372	14	4%	271	73%	86	23%				
QUETTA	CHAGHI	276	8	3%	227	82%	41	15%				
	PISHIN	724	17	2%	365	50%	341	47%				
	OUETTA	250	28	11%	212	85%	9	4%				
SIBI	D-BUGHTI KHOLU SIBI	265 206 200	55 47	28 278 248	129 70 91	49% 34% 46%	132 81 62	50% 39% 31%				
TURBAT	ZIARAT	115	10	9%	97	84%	8	78				
	GAWADER	215	8	4%	112	52%	95	448				
	PANJGOOR	221	4	2%	175	79%	42	198				
	TURBAT	466	6	1%	248	53%	212	458				
ZOAB	K-SAFULA	304	42	14%	157	52%	105	35%				
	LORALAI	827	87	11%	365	44%	375	45%				
	ZOAB	310	36	12%	175	56%	99	32%				
TOTAL	=======	=====	==== 861	==== 10%	===== 5478	==== 61%	2661	===== 30%				

Support for girls' education: Summary and implications. Table 4 shows the number of villages in each district that are substantially in favor of education for girls and are reportedly willing to contribute materially to girls' education (by providing free land, rooms or teacher residences).

Almost half the villages report substantial community interest in girls' education, but only 12% percent of these villages report that land, rooms or teachers' residences have been contributed for girls' education.

Table 4. Villages substantially in favor of girls' education which contribute materially to girls' education

DIVISION DISTRICT | N |Substantial Support and Will |Comm. support* Contribute+ -----|-----

KALAT	KALAT	729	383	53%	65	17%
	KHARAN	370	217	59%	0	0%
	KHUZDAR	1102	484	44%	40	8%
	LASBELA	511	324	63%	17	5%
NASIRABAD	J.ABAD	598	419	70%	12	2%
	KACHI	942	407	43%	54	13%
	TAMBOO	372	165	44%	41	25%
QUETTA	CHAGHI PISHIN	276	205	74% 44%	22 23	11% 7%
SIBI	QUETTA	250	161	64%	38	24%
	D-BUGHTI	265	94	35%	6	6%
	KHOLU	206	45	22%	21	47%
TURBAT	SIBI	200	54	27%	24	44%
	ZIARAT	115	96	83%	61	64%
	GAWADER	215	93	43%	13	14%
TONDAT	PANJGOOR TURBAT	221 455	167 234	76% 50%	35 15	21%
ZOAB	K-SAFULA	304	98	32%	17	17%
	LORALAI	827	289	35%	11	4%
	ZOAB	310	123	40%	11	9%
TOTAL		9003	====== 4373	===== 49%	526	===== 12%

^{*} Villages where all community leaders and more than half the parents reportedly want education for girls

2. To what extent are primary school opportunities available in the semi-urban villages of Balochistan?

2.1 Religious education. Table 5 shows the wide availability of religious education for boys and girls in Balochistan. About 50 percent of villages report having religious education for boys and almost 40 percent have these opportunities for girls.

Most districts report far more mixed classes than single sex classes of religious education for girls. This appears true even in some districts that report relatively conservative attitudes towards girls' education (particularly Pishin, K-Safula and Zoab and also Sibi and Kohlu). It appears that under certain conditions mixed gender classes are acceptable even in conservative communities.

Districts where attitudes are positive and villages are willing to contribute materially to girls' education (such as Ziarat and --Jaffarabad) may contain villages where girls' enrollment can be --increased with relatively little investment.

⁺ Villages where support is high and residents are willing to provide land, buildings or teacher residences for girls' education

Table 5: \[\]	Jillages wit	th opporti	unitie	s for	religio	us e	ducati	ion
DIVISION	DISTRICT	N	В	oys	Gir	ls	Miz	xed
			l N	용	N	용	N	용
KALAT	KALAT	729	200	27%	45	6%	409	56%
	KHARAN	370	8	2%	1	0%	96	26%
	KHUZDAR	1102	172	16%	6	1%	274	25%
	LASBELA	511	11	2%	8	2%	58	11%
NASIRABAD	J.ABAD	598	62	10%	2	0 응	150	25%
	KACHI	942	204	22%	55	6%	77	8%
	TAMBOO	372	16	4%	9	2%	79	21%
QUETTA	CHAGHI	276	23	8%	3	1%	91	33%
	PISHIN	724	60	8%	14	2%	691	85%
	QUETTA	250	84	34%	18	7%	82	33%
SIBI	D-BUGHTI	265	11	4%	2	1%	3	1%
	KHOLU	206	22	11%	4	2%	42	20%
	SIBI	200	58	29%	2	1%	47	24%
	ZIARAT	115	7	6%	7	6%	100	87%
TURBAT	GAWADER	215	41	19%	17	8%	52	24%
	PANJGOOR	221	63	29%	17	8%	50	23%
	TURBAT	466	35	8%	13	3%	53	11%
ZOAB	K-SAFULA	304	9	3%	4	1%	256	84%
	LORALAI	827	92	11%	1	0 응	493	60%
	ZOAB	310	46	15%	2	1%	174	56%
========	=======	=====	l	====	=====		====	
TOTAL		9003	1224	14%	230	3%	3205	36%

2.2 Government primary schools. Table 6 shows the availability of government primary school opportunities for children. The table shows the wide discrepancy between the opportunities reportedly available for boys (40 percent) and those for girls (14 percent). It appears that less than half as many villages have opportunities for government primary schooling as for religious education for girls. Further, as with religious schools, more villages report mixed gender government educational opportunities than single-sex opportunities for girls.

There appears to be little correlation between the location of Government primary schools for girls and the regions where there is substantial local (parental or community leader) support for girls' education (see Table 1 above). However, in two (Ziarat and Kharan) of the districts showing the highest ratio of villages where all parents are reported to want girls' education, there are more villages where girls are attending schools with boys.

Table 6: Villages with opportunities for government primary education

DIVISION DISTRICT | N | Boys Girls Mixed | N % N % N % N % N %

TZ 7\ T 7\ FT	727) T 7) M	1 729	I 191	26%		1 Ω	3%	16	2%
KALAT	KALAT		1 - 2 -			19		16	
	KHARAN	370	37	10%		4	1%	84	23%
	KHUZDAR	1102	178	16%		9	1%	120	11%
	LASBELA	511	160	31%		20	4%	22	4%
NASIRABAD	J.ABAD	598	132	22%		16	3%	92	15%
	KACHI	942	321	34%		29	3%	12	1%
	TAMBOO	372	78	21%		4	1%	37	10%
QUETTA	CHAGHI	276	85	31%		11	4%	54	20%
	PISHIN	724	282	39%		35	5%	72	10%
	QUETTA	250	103	41%		55	22%	22	9%
SIBI	D-BUGHTI	265	156	59%		9	3%	2	1%
	KHOLU	206	120	58%		13	6%	32	16%
	SIBI	200	93	47%		19	10%	13	7%
	ZIARAT	115	15	13%		9	8%	42	37%
TURBAT	GAWADER	215	39	18%		1	0%	35	16%
	PANJGOOR	221	91	41%		19	9%	19	9%
	TURBAT	466	164	35%		14	3%	35	8%
ZOAB	K-SAFULA	304	82	27%		7	2%	62	20%
	LORALAI	827	226	27%		27	3%	104	13%
	ZOAB	310	104	34%		2	1%	31	10%
========	=======	=====	====	200	==		4.0	===	100
TOTAL		9003	2657	30%	3	22	4 %	906	10%

2.3 Other primary opportunities. There are two other types of primary school open for children: private schools and mosque schools (where the government provides a teacher for general subjects). Only a few private schools were reported for the twenty districts, of which about half were mixed gender schools, and the other half were boys' schools; only a handful were girls' schools.

Table 7 shows the number of mosque schools reportedly providing a general primary education in the villages. Again a wide discrepancy exists between the opportunities available for boys (21 percent) and girls (7 percent). Limited as they are, more opportunities are available for girls in mixed mosque schools than in single-sex mosque schools for girls.

Table 7: Villages having opportunities for primary education in mosque schools (with teacher provided by the government)

							 				•
DIVISION	DISTRICT	1	N	- [В	oys	Giı	cls	Mi	xed	
					N	%	N	엉	N	용	
KALAT	KALAT KHARAN		729 370		148 25	 20응 7응	 0	 0응 0응	17 51	 2응 14응	

				- ^		2.0	0.0	•
	KHUZDAR	1102	57	5%	0	0 응	92	8%
	LASBELA	511	65	13%	0	0%	11	2%
NASIRABAD	J.ABAD	598	70	12%	0	0%	41	7%
	KACHI	942	105	11%	2	0%	5	1%
	TAMBOO	372	75	20%	0	0%	33	9%
QUETTA	CHAGHI	276	30	11%	0	0%	27	10%
	PISHIN	724	189	26%	0	0%	40	6%
	QUETTA	250	48	19%	1	0%	20	8%
SIBI	D-BUGHTI	265	14	5%	1	0%	0	0%
	KHOLU	206	13	6%	0	0%	8	4%
	SIBI	200	58	29%	1	1%	6	3%
	ZIARAT	115	7	6%	0	0%	31	27%
TURBAT	GAWADER	215	30	14%	2	1%	32	15%
	PANJGOOR	221	67	30%	3	1%	32	14%
	TURBAT	466	54	12%	2	0%	15	3%
ZOAB	K-SAFULA	304	40	13%	1	0%	43	14%
	LORALAI	827	137	17%	1	0%	88	11%
	ZOAB	310	43	14%	0	0%	22	7%
========	=======	=====	====	====	=====	===	===	=====
TOTAL		9003	1275	14%	14	0%	614	7%

2.4 Opportunities for primary school: Summary and implications. Table 8 shows that more than half the villages (57 percent) report some kind of primary opportunity for boys: mosque school, government school, private, single sex or mixed schools. Only 20 percent have similar opportunities for girls.

Districts which report willingness to contribute to girls' education tend to report more numerous opportunities for girls, particularly for the more ad hoc means of accommodating girls (such as mosque schools and mixed classrooms, as opposed to government primary schools and single-sex schools).

Table 8: Villages having opportunities for any type of primary

DISTRICT		N		B N	oys %	Gir N	ils %		
KALAT KHARAN KHUZDAR LASBELA	 	729 370 1102 511	 	365 195 404 253	50% 53% 37% 50%	52 138 213 54	7% 37% 19% 11%		
J.ABAD KACHI TAMBOO		598 942 372 276		324 431 207 194	548 468 568 708	148 47 73 91	25% 5% 20% 33%		
	DISTRICT KALAT KHARAN KHUZDAR LASBELA J.ABAD KACHI	DISTRICT KALAT KHARAN KHUZDAR LASBELA J.ABAD KACHI TAMBOO	DISTRICT N	DISTRICT N	DISTRICT N B N N N N N N N N	DISTRICT N Boys N % KALAT 729 365 50% KHARAN 370 195 53% KHUZDAR 1102 404 37% LASBELA 511 253 50% J.ABAD 598 324 54% KACHI 942 431 46% TAMBOO 372 207 56%	DISTRICT N Boys Gir N % N KALAT 729 365 50% 52 KHARAN 370 195 53% 138 KHUZDAR 1102 404 37% 213 LASBELA 511 253 50% 54 J.ABAD 598 324 54% 148 KACHI 942 431 46% 47 TAMBOO 372 207 56% 73	DISTRICT N Boys Girls N % KALAT 729 365 50% 52 7% KHARAN 370 195 53% 138 37% KHUZDAR 1102 404 37% 213 19% LASBELA 511 253 50% 54 11% J.ABAD 598 324 54% 148 25% KACHI 942 431 46% 47 5% TAMBOO 372 207 56% 73 20%	DISTRICT N Boys Girls N % KALAT 729 365 50% 52 7% KHARAN 370 195 53% 138 37% KHUZDAR 1102 404 37% 213 19% LASBELA 511 253 50% 54 11% J.ABAD 598 324 54% 148 25% KACHI 942 431 46% 47 5% TAMBOO 372 207 56% 73 20%

SIBI	PISHIN QUETTA D-BUGHTI KHOLU SIBI	724 250 265 206	563 174 168 159	78% 70% 63% 77% 75%	145 100 12 51 36	20% 40% 5% 25% 18%
TURBAT	ZIARAT GAWADER	200 115 215	130 89 106	77% 49%	76 57	66% 27%
	PANJGOOR TURBAT	221	154 252	70% 54%	57 63	26% 14%
ZOAB	K-SAFULA LORALAI ZOAB	304 827 310	210 540 188	69% 65% 61%	106 212 51	35% 26% 16%
TOTAL	=======	====== 9003	====== 5126	57%	1782	20%

Table 9 summarizes the reported availability of single-sex schools for girls compared to mixed gender schools in these villages. The table combines all categories of available primary schooling: private, mosque and government primary schools. As the table shows, mixed gender educational opportunities out-number single-sex opportunities for girls in all but Kachi, Quetta, D.Bugti, and Sibi districts.

Table 9. Villages having mixed as compared to single-sex schools for girls

DIVISION	DISTRICT		N		Girls' Prm Opportunities						
					Sing	ζ	1	Mixe	ed		
KALAT	KALAT	-	729		19		 3응		33		 5%
	KHARAN	İ	370	ĺ	4		1%	1	35		36%
	KHUZDAR		1102		9		1%	2	205		19%
	LASBELA		511		20		4%		34		7%
NASIRABAD	J.ABAD		598		16		3 %	1	.32		22%
	KACHI		942		31		3 %		18		2%

	TAMBOO	372	4	1%	69	19%
QUETTA	CHAGHI	276	11	4%	81	29%
2021111	PISHIN	724	35	5%	112	15%
	OUETTA	250	, 53 I 57	23%	45	18%
SIBI	D-BUGHTI	265	10	4%	2	1%
	KHOLU	206	13	6%	38	18%
	SIBI	200	20	10%	18	9%
	ZIARAT	115	9	8%	69	60%
TURBAT	GAWADER	215] 3	1%	56	26%
	PANJGOOR	221	21	10%	41	19%
	TURBAT	455	16	3%	48	10%
ZOAB	K-SAFULA	304	8	3%	98	32%
	LORALAI	827	28	3%	186	22%
	ZOAB	310	2	1%	49	16%
========	=======	======	======	4.0	1 4 6 0	1.00
TOTAL		9003	336	4%	1469	16%

Finally, Table 10 juxtaposes data on villages where support for girls' education is reportedly high (see Table 4 above) with data on existing primary school (government or mosque) opportunities for girls. Overall, 49 percent of villages report substantial community support for girls' education and 20 percent of all villages have some type of primary opportunities available for girls. 24% percent of the villages where there is high support for girls education have opportunities available for girls. It appears, therefore, that even when there is community support for girls education there is not any greater likelihood that educational opportunities will exist for girls.

Table 10. Opportunities for girls in villages where support for girls' education is high: demand versus availability

DIVISION	DISTRICT	N 		Substan communi support	ty i	avai	level lable girls	Prm level available where support is high+				
KALAT NASIRABAD	KALAT KHARAN KHUZDAR LASBELA J.ABAD KACHI	 79 37 110 51 59	0 2 1 8	 383 217 484 324 419 407	53% 59% 44% 63% 70% 43%	52 138 213 54 148 47	78 378 198 118 258	27 82 139 41 70	7% 38% 29% 13% 17% 8%			
QUETTA	TAMBOO CHAGHI	37 37 27	2	165 205	43% 44% 74%	73 91	20% 33%	41 81	25% 40%			

	PISHIN	724	315	44% 1	145	20%	112	36%
	QUETTA	250	161	64% 3	100	40%	77	48%
SIBI	D-BUGHTI	265	94	35%	12	5%	7	7%
	KHOLU	206	45	22%	51	25%	24	53%
	SIBI	200	54	27%	36	18%	16	30%
	ZIARAT	115	96	83%	76	66%	68	71%
TURBAT	GAWADER	215	93	43%	57	27%	16	17%
	PANJGOOR	221	167	76%	57	26%	26	16%
	TURBAT	466	234	50%	63	14%	36	15%
ZOAB	K-SAFULA	304	98	32% 3	106	35%	53	54%
	LORALAI	827	289	35% 2	212	26%	67	23%
	ZOAB	310	123	40%	51	16%	19	15%
=======	======	=====	======	==== ==		==== =		
TOTAL		9003	4373	49% 1	782	20%	1034	24%

^{*} Villages where all community leaders and more than half the parents want education for girls

Gender differences are apparent. For boys, the same percent of villages (42 percent) report the need for more facilities to house children in overcrowded schools as to start education. By contrast, girls need facilities mainly to start education (85 percent of villages), and few need them because schools are crowded (4 percent). Only 1 percent say they have sufficient facilities for girls compared to 14 percent for boys and 10 percent do not need facilities because they do not want education for girls while only 1 percent claim the same situation for boys.

The widespread existence of mosque schools and mixed gender schools 3.s Too what extent are physical facilities required to expand primary alterial and providing single-sex schools for girls, such as using mosques as interim school sites and converting existing single-sex schools to coeducational facilities.

3.1 Facilities needed. Table 11 shows the need for facilities for boys' and girls' education as reported by the villages of the sample.

Table 11: Villages needing physical facilities for education

DIVISION	DISTRICT		Ed. not Wanted		 ed art 	Neede (Crowd		Suffi -ient	
		М	F	M	F	М	F	М	F
KALAT	KALAT KHARAN	1% 1%	25% 6%	49%	70% 92%	39% 46%	48 18	12% 7%	1% 1%
	KHUZDAR LASBELA	1% 1%	4응 2응	64% 49%	94% 95%	35% 43%	1% 4%	1% 7%	0 응 0 응
NASIRABAD	J.ABAD KACHI	1% 1%	4% 26%	45% 53%	92% 71%	34% 32%	4% 2%	20% 14%	1% 1%

⁺ Villages where support is high and government schooling is available for girls in single-sex, mixed or mosque schools

QUETTA	TAMBOO	3%	6%	44%	92%	37%	28	16%	0%
	CHAGHI	0%	3%	29%	92%	40%	38	30%	2%
	PISHIN	0%	2%	22%	93%	47%	48	31%	1%
	QUETTA	1%	11%	32%	66%	58%	198	8%	4%
SIBI	D-BUGHTI	1%	1%	40%	97%	51%	2%	14%	0%
	KHOLU	7%	29%	20%	65%	60%	4%	13%	2%
	SIBI	7%	25%	28%	66%	26%	7%	40%	3%
TURBAT	ZIARAT	6%	10%	23%	43%	69%	45%	3%	1%
	GAWADER	0%	9%	50%	87%	25%	3%	17%	0%
	PANJGOOR	3%	2%	31%	78%	65%	20%	1%	0%
ZOAB	TURBAT	2%	38	41%	93%	52%	5 %	4%	0%
	K-SAFULA	3%	158	29%	80%	44%	4 %	24%	0%
	LORALAI	1%	118	33%	85%	48%	3 %	18%	1%
	ZOAB	0%	138	38%	86%	38%	2 %	23%	0%
TOTAL	ZUAD ====== = 	1% ====================================	13% ===== = 10% 	30% ===== = 42% 	85% 	30% ===== = 42% 	26 ===== = 48 	236 ===== = 148 	1%

3.1.1 Facilities needed where community support for girls' education is high. Table 12 shows the number of villages reporting substantial demand for girls' education which need facilities to begin girls' education. Almost half the villages report substantial support for girls' education. Of these villages about half report that they need facilities to begin education for girls.

There is considerable variation in the need for facilities. Almost all the high support villages in Kachi, Tamboo, Chaghi, Kohlu, Gawadar, Panjgur and Zhob need buildings to start education for girls while less than a quarter need them in Khuzdar, K. Saifullah and Loralai. Said another way, high support for girls' education is not a guarantor that facilities will be available for girls' education.

Table 12. Villages needing facilities to start education for girls where community support for girls' education is high

DIVISION	DISTRICT	N 			High	support needed t	
KALAT	KALAT KHARAN KHUZDAR LASBELA	729 370 11102 511	383 217 484 324	53% 59% 44% 63%	94 52 47 101	25% 24% 10% 31%	
NASIRABAD	J.ABAD KACHI TAMBOO	598 942 372	419 407 165	70% 43% 44%	115 387 158	27% 95% 96%	
QUETTA	CHAGHI PISHIN QUETTA	276 724 250	205 315 161	74% 44% 64%	192 137 94	94% 43% 58%	
SIBI	D-BUGHTI KHOLU SIBI	265 206 200	94 45 54	35% 22% 27%	51 40 44	54% 89% 81%	

TURBAT ZOAB	ZIARAT GAWADER PANJGOOR TURBAT K-SAFULA LORALAI		115 215 221 466 304 827		96 93 167 234 98 289	83% 43% 76% 50% 32% 35%	45 85 149 64 19	47% 91% 89% 27% 19% 20%	
	ZOAB		310	 	123	40% 	110	89% 	
TOTAL		 	9003		4373 	49%	2042	47% 	

3.2 Facilities available. Section 1.2 above summarized villages' reported willingness to provide various physical resources for the development of primary education. From Table 2 it appeared that villages were most willing to provide land for purposes of their children's education, and somewhat less willing to provide actual physical facilities (rooms or teacher residences).

Table 13 below looks at the number of villages wanting to begin or expand education which claim to have land or rooms currently available for education. About half these villages claim to have land currently available for boys' and girls' schools while only 5 percent report rooms currently available for girls' and 4 percent for boys' education. This small percentage of villages with rooms available may be ideal candidates for immediate expansion of schooling opportunities, while those with land available should be the first considered for school construction.

Table 13: Villages where facilities are needed and resources are available now to begin/expand education

DIVISION DISTRICT Want to --Villages need and avail.-- Begin/Exp. Rooms Land M F M F M F KALAT KALAT | 635 | 540 | 22 3% | 21 4% | 92 15% | 106 20% KHARAN | 340 | 344 | 0 0% | 2 1% | 91 27% | 84 24% 0 0%| 0 0%| KHUZDAR | 1084 | 1053 79 7%| 92 LASBELA | 471 | 501 | 2 0% | 1 0% | 158 34% | 165 33% NASIRABAD J.ABAD | 474 | 570 | 3 1% | 11 2% | 124 26% | 150 26% KACHI | 804 | 692 | 5 18 | 4 18 | 754 948 | 648 948 TAMBOO | 301 | 349| 5 2% | 7 2% | 297 96% | 335 96% 9 5% | 8 3% | 186 97% | 259 98% CHAGHI | 191 | 264 QUETTA PISHIN | 501 | 701 | 21 4% | 19 3% | 250 50% | 248 35% QUETTA | 226 | 212 5 2% | 8 4% | 112 50% | 99 47% D-BUGHTI| 241 | 262 | 51 21% | 67 26% 71 29%| 90 34% SIBI KHOLU | 165 | 142 | 0 0% | 3 2% | 164 99% | 137 96% SIBI | 107 | 145 | 6 6% | 3 6% | 91 85% | 112 77% ZIARAT | 105 | 102 | 11 10% | 25 25% | 102 97% | 96 94% GAWADER | 161 | 194 | 17 11% | 14 7% | 139 86% | 177 91% TURBAT

	PANJGOOR TURBAT	212 436		. –				202 142			
ZOAB	K-SAFULA	221	256	4	2%	6	2%	78	35%	95	37%
	LORALAI	674	731	38	6%	60	8%	245	36%	261	36%
	ZOAB	235	271	90	38% 3	118	44%	226	96%	254	94%
========	=======	=====	====	====		====	-===	=====			====
TOTAL		7584	8000	294	4용 :	386	5%	3603	48%	3753	47%

3.3 Availability of facilities: Summary and implications. Table 14 shows the number of villages in each district which report the need for physical facilities to begin education for girls and which claim to have land or rooms currently available for girls' education. Of the 89 percent of villages reportedly needing facilities to start girls' education, about half currently have land or rooms available. In a situation of limited resources, these may be the villages where educational facilities for girls can be provided with relatively low investment.

Only Kalat, Kharan and Khuzdar report very few villages where physical facilities are needed and land or rooms are not available.

Table 14. Villages needing physical facilities for girls' education and claiming to have land or rooms available.

DIVISION	DISTRICT	Want to Begin/Exp Ed	Phys Fac. needs	
KALAT	KALAT KHARAN KHUZDAR LASBELA	540 344 1053 501	112 21% 84 24% 167 16% 483 96%	
NASIRABAD	J.ABAD KACHI TAMBOO	570 692 349	548 96% 669 97% 343 98%	
QUETTA	CHAGHI PISHIN QUETTA	264 701 212	255 97% 675 96% 165 78%	
SIBI	D-BUGHTI KHOLU SIBI	262 142 145	256 98% 134 94% 131 90%	
TURBAT	ZIARAT GAWADER PANJGOOR TURBAT	102 194 217 454	50 49% 187 96% 173 80% 433 95%	
ZOAB	K-SAFULA	256	243 95%	

	LORALAI ZOAB		731 271		, 0 ,	97% 98%
TOTAL	=======	: 	8000	=	3870	==== 48%

not want education for girls.

4. How what lextent rape radditional theathers required to expand primary education? girls, even where community support is high. A small proportion of villages have rooms and land already available, making them ideal candidates for the immediate establishment of 4. Ich Teachers yneeded v. Tableed Sappeaus will improve the kellenh favaileachers for boys is appropriate. 'education in the villages of the sample. Gender differences follow roughly the same pattern as for facilities. 36 percent of villages report the need for more teachers for boys because of crowded classes and 43 percent to start education; about 20 percent of the villages report sufficient teachers for boys. Girls, again, need teachers mainly to start education (85 percent), and few need them because classes are crowded (3 percent); only 1 percent have sufficient staff and 10 percent do not need staff because they do

Table 15: Villages needing teachers for boys' and girls' education

DIVISION	DISTRICT	-	Ed. not Wanted M F		Needed to Start M F			Needed to Expand M F			Suffic -ient M F		
KALAT	KALAT KHARAN KHUZDAR LASBELA		1% 0% 0% 0%	24% 6% 5% 1%	 49% 47% 65% 50%	72% 92% 94% 95%		21% 33% 32% 42%	2% 1% 1% 4%		29% 20% 3% 8%		 1% 0% 0%
NASIRABAD	J.ABAD KACHI TAMBOO		0% 0% 2%	4% 26% 6%	45% 54% 46%	93% 71% 92%		34% 24% 34%	2% 2% 1%		21% 22% 18%		0 응 1 응 0 응
QUETTA	CHAGHI PISHIN QUETTA	 	0% 0% 0%	2% 3% 12%	30% 23% 32%	93% 92% 65%		35% 44% 56%	4% 4% 20%		35% 32% 11%		18 28 38
SIBI	D-BUGHTI KHOLU SIBI	 	0% 3% 2%	0% 28% 27%	39% 22% 30%	97% 66% 67%		32% 56% 28%	2% 5% 5%		29% 19% 42%		18 18 28
TURBAT	ZIARAT GAWADER PANJGOOR TURBAT		0% 4% 1% 0%	10% 7% 1% 2%	25% 52% 32% 43%	80% 92% 79% 95%		48% 31% 64% 50%	88 18 198 38		27% 13% 3% 6%		38 08 08 08
ZOAB	K-SAFULA		1%	18%	32%	76%		33%	5% 6%		35%		0% 0%

LORALAI ZOAB		0 0		34% 39%				28% 29%	1왕 0왕
=======================================		=====	====	=====	====	=====	====	=====	====
TOTAL	İ	0%	10%	43%	85%	36%	3%	20%	1%

4.2 Teachers available. As Table 16 shows, 29 percent of the villages wanting to begin or expand education claim there is an acceptable teacher available to teach boys, but only 12 percent claim to have an acceptable teacher available for girls. In the case of the girls, most villages are probably assuming a female teacher since that is the current pattern in the Department of Education. We know, however, from other information that male teachers might be more widely available to teach girls (see Section 6 below).

Table 16: Villages needing teachers and having candidates available at the present time

DIVISION DISTRICT Teachers wanted to Teachers available begin/expand educa. nearby where needed Μ F 응 Μ 응 F 응 70% 9 KALAT 508 543 74% 61 12% 2% KALAT 58 296 80% 346 94% 20% 42 12% KHARAN 291 1073 97% 1048 95% 536 50% 28% KHUZDAR LASBELA 470 92% 504 99% 53 11% 27 5% 473 79% 571 95% 197 42% 177 NASIRABAD J.ABAD 31% 29 733 78% 689 73% 102 14% 4% KACHI 349 94% **TAMBOO** 299 80% 40 13% 21 6% 179 268 97% 14 5% QUETTA CHAGHI 65% 62 35% PISHIN 490 68% 691 95% 134 27% 44 6% 212 85% 74 33% 25 **OUETTA** 221 888 12% 99% 76 40% 188 71% 262 14 5% SIBI D-BUGHTI 161 78% 145 70% 7 4% 4 3% KHOLU SIBI 114 57% 143 72% 41 36% 13 9% 73% ZIARAT 84 101 888 39 46% 25 25% 199 93% 26 15% TURBAT **GAWADER** 178 83% 16 8% 28% 212 218 99% 73 **PANJGOOR** 96% 65% 60 434 93% 456 98% 33% 8% TURBAT 144 37

ZOAB	K-SAFULA LORALAI ZOAB	 	196 596 220	64% 72% 71%	727	000		0= 0	20 42 17	8% 6% 6%
TOTAL	=======		7125	79%	7992	89%	2035	29%	927	12%

4.2.1 Female teachers within bussing distance. Communication and transport are difficult in Balochistan. It is particularly difficult to find female teachers who will reside in stranger villages. As Table 17 shows 37 percent of the villages report being within 50 kilometers of a potential female teacher. However, it is probably only reasonable to expect a female teacher to commute from within a radius of 10 kilometers. If this is the case then only 5 percent of villages report having a female teacher available.

Table 17: Villages having potential female teachers available within specified distances

DIVISION	DISTRICT	N 	 In Vill.	1-10 Km.	11-24 Km.	25-50 Km.	> 50 Km.
KALAT	KALAT	729	। 5%	2%	9%	13%	71%
	KHARAN	370	0%	0%	0%	0%	99%
	KHUZDAR	1102	0 응	0%	2%	8%	90%
	LASBELA	511	1%	6%	20%	30%	44%
NASIRABAD	J.ABAD	598	3%	13%	25%	49%	11%
	KACHI	942	1%	2%	8%	22%	67%
	TAMBOO	372	5%	1%	2%	27%	64%
QUETTA	CHAGHI	276	2%	3%	13%	20%	62%
	PISHIN	724	1%	6%	14%	30%	49%
	QUETTA	250	1%	8%	37%	24%	22%
SIBI	D-BUGHTI	265	1%	0%	1%	6%	91%
	KHOLU	206	0 응	1%	8%	21%	69%
	SIBI	200	3%	7%	20%	38%	31%
	ZIARAT	115	0 응	1%	2%	3%	94%
TURBAT	GAWADER	215	4%	3%	4%	13%	77%
	PANJGOOR	221	1%	7%	8%	19%	65%
	TURBAT	466	0 응	0%	2%	10%	87%
ZOAB	K-SAFULA	304	0 응	3%	19%	12%	65%
	LORALAI	827	0 응	8%	23%	21%	48%

ZOAB	310	0%	1%	20%	31%	47%
TOTAL	======	===== 1%	====== 4 %	====== 12%	20%	===== 63%

4.2.2 Females with academic qualifications. Many villages in Balochistan have few or no women with the appropriate qualifications (matric graduates) to become teachers.

Table 18 shows the number of villages reporting female degree holders. The respondents were asked to count the number of certificate holders at each level, using only the highest certificate for each individual. Only 1 percent of villages report having primary degree holders; 1 percent report having middle pass holders; and 1 percent report having matric holders. Clearly the pool of existing female matric graduates who could be tapped for primary school teaching is very small. If current trends continue, it is unlikely that the numbers of academically qualified females will increase significantly in the future.

Table 18: Villages with female certificate holders

TOTAL

Table 16:	villages v	vith lemale 	ale celtilicate noiders							
DIVISION	DISTRICT	Total Villages	Prima N	ary %	Mic N	ddle %	Mat N	tric %		
KALAT	KALAT	729	2	0응	6	 1%	3			
	KHARAN	370	4	1%	3	1%	0	0%		
	KHUZDAR	1102	7	1%	4	0%	1	0%		
	LASBELA	511	12	2%	3	1%	3	1%		
NASIRABAD	J.ABAD	598	21	4%	14	2%	11	2%		
	KACHI	942	0	0 응	3	0 응	3	0%		
	TAMBOO	372	5	1%	3	1%	1	0%		
QUETTA	CHAGHI	276	9	3%	2	1%	0	0%		
	PISHIN	724	8	1%	6	1%	5	1%		
	QUETTA	250	2	1%	3	1%	1	0%		
SIBI	D-BUGHTI	265	0	0 응	0	0 응	0	0%		
	KHOLU	206	1	0 응	1	0 응	0	0%		
	SIBI	200	3	2%	1	1%	0	0%		
	ZIARAT	115	5	4%	1	1%	3	3%		
TURBAT	GAWADER	215	4	2%	0	0 응	1	0 응		
	PANJGOOR	221	0	0%	1	0 응	2	1%		
	TURBAT	466	6	1%	5	1%	3	1%		
ZOAB	K-SAFULA	304	1	0%	5	2%	0	0%		
	LORALAI	827	15	2%	9	1%	11	1%		
	ZOAB	310	0	0%	0	0%	0	0%		
========	========	=====	=====	====	===	====	====	=====		

9003 | 105 1% 70 1% 48

1%

4.3 Availability of teachers: Summary and implications. Table 19 matches potential female teachers reportedly within a short bussing distance or living in the village who have matric degrees to villages where it was stated that there is a need for teachers to begin girls' education or to reduce class size.

If the potential teacher resources were possible to use, only about 4 percent of the villages asking for teachers to begin girls' education could be provided with a nearby academically qualified female teacher, and 15 percent of those needing teachers to expand education. It is clear that other interim solutions will be necessary if education opportunities are to be provided to girls.

Table 19: Villages with a need for teachers for girls' education where female teacher candidates are available*

DIVISION	DISTRICT	Vill.ne	eed to	start	Vill.	need to	expand
		Tot.	Tchr	avail.	Tot.	Tchr	avail.
KALAT	KALAT	528	44	8%		 4	27%
	KHARAN	342	0	0%	4	j O	0%
	KHUZDAR	1039	0	0%	9	j O	0 응
	LASBELA	483	27	6%	21	6	29%
NASIRABAD	J.ABAD	557	83	15%	14	5	36%
	KACHI	667	17	3%	22	5	23%
	TAMBOO	344	15	4%	5	2	40%
QUETTA	CHAGHI	256	8	3%	12	3	25%
	PISHIN	665	46	7%	26	4	15%
	QUETTA	163	22	13%	49	12	24%
SIBI	D-BUGHTI	257	3	1%	5	1	20%
	KHOLU	135	0	0%	10	1 0	0%
	SIBI	133	10	88	10	4	40%
	ZIARAT	92	0	0%	9	1	11%
TURBAT	GAWADER	197	7	4 %	2	1 0	0%
	PANJGOOR	175	12	7%	43	1 6	14%
	TURBAT	443	2	0%	13	1 0	0%
ZOAB	K-SAFULA	231	4	2%	17	4	24%
	LORALAI	705	59	8%	22	1 2	9%
	ZOAB	269	4	1%] 3	0	0%
TOTAL	=======	===== 7681	====== 363	5%	===== 311	: ===== 59	===== 15%

*Teachers reported to be available within 10 kilometers or females in the village with matric degree

Finally, Table 20 summarizes the magnitude of the inputs reportedly needed by villages in order to begin education for girls.

As the Table shows, the majority of villages need both buildings and teachers to start girls' education. Only 4 percent of villages claim they have access to a teacher within 10 kilometers but do not have rooms available. Only 6 villages report already having rooms available but needing a teacher in order to begin girls' education.

Table 20. Villages needing teachers, buildings or both to begin education for girls

DIVISION	DISTRICT	 N 		tchr, bldg		bldg, tchr*		d tchr bldg
KALAT	KALAT	729		 0응	44	6 6 8	504	 69ક
	KHARAN	370	1	0%	0	0%	340	92%
	KHUZDAR	1102	0	0%	0	0%	1032	94%
	LASBELA	511	I 0	0%	27	5%	482	94%
NASIRABAD	J.ABAD	598	2	0%	83	14%	545	91%
	KACHI	942	1	0%	17	2%	666	71%
	TAMBOO	372	0	0%	17	5%	338	91%
QUETTA	CHAGHI	276	0	0%	8	3%	254	92%
	PISHIN	724	0	0%	49	7%	664	92%
	QUETTA	250	0	0%	22	9%	163	65%
SIBI	D-BUGHTI	265	0	0%	3	1%	256	97%
	KHOLU	206	0	0%	0	0%	131	64%
	SIBI	200	1	1%	9	5%	123	62%
	ZIARAT	115	0	0%	0	0%	50	43%
TURBAT	GAWADER	215	0	0%	6	3%	182	85%
	PANJGOOR	221	0	0%	12	5%	169	76%
	TURBAT	466	0	0%	1	0%	432	93%
ZOAB	K-SAFULA	304	0	0%	5	2%	225	74%
	LORALAI	827	0	0%	57	7%	702	85%
	ZOAB	310	0	0%	3	1%	261	84%
TOTAL	=======	9003	======= 6	===== 0응	363	4%	7519	====== 84%

^{*} Potential teacher located within 10 kilometers of village

5.Are females becoming qualified at present who might serve as primary school teachers for girls in the future?

5.1 Potential literate populations. Table 21 shows the number of villages reporting boys and girls currently enrolled somewhere, whether in the village or outside. The table shows that almost 80 percent of the villages report boys and 26 percent report girls attending primary schooling somewhere; 37 percent report boys and 3 percent report girls attending middle school somewhere; and 23 percent report boys and 2 percent report girls attending secondary (matric) level somewhere. These reports are slightly inconsistent with the reports of certificate holders (see Table 18) but not enough to escape the conclusion that there is a very small pool of qualified female candidates who can be tapped for primary school teaching. If the demand for female primary teachers is to be met in the future, it will require substantial increases in the numbers of girls completing middle and matric level schooling.

Table 21:	Villages	having	curren	t enr	ollmen	ts at	vario	us level:	S
DIVISION	DISTRICT	N	Prim M	ary F	Mid M	dle F	Seco M	nd. F	
KALAT	KALAT KHARAN KHUZDAR LASBELA	729 370 1102 511	67% 76% 62% 83%	9% 41% 24% 28%	31% 31% 25% 33%	2왕 0왕	19% 18% 14% 21%	1% 0% 0% 2%	
NASIRABAD	J.ABAD KACHI TAMBOO	598 942 372	968 668 938	34% 7% 26%	58% 25% 45%	1%	37% 15% 28%	2% 1% 1%	
QUETTA	CHAGHI PISHIN QUETTA	276 724 250	86% 96% 94%	45% 24% 65%	36% 54% 74%	4% 4% 21%	34%	3% 2% 13%	
SIBI	D-BUGHTI KHOLU SIBI ZIARAT	265 206 200 115	88% 90% 83% 97%	10% 13% 23% 79%	42% 27% 36% 59%	0% 5%	22% 10% 26% 57%	0% 0% 3% 7%	
TURBAT	GAWADER PANJGOOR TURBAT	215 221 466	61%	32% 40% 36%	21% 52% 46%	1% 30%	13%	0% 19% 1%	
ZOAB	K-SAFULA LORALAI ZOAB	304 827 310	'	37% 25% 15%	21% 39% 9%	2%		1% 1% 1%	
TOTAL	-======	9003	===== 79%	26%	37%	3%	23%	==== 2%	

5.2 Opportunities for matric (class 9-10) and middle (class 6-8) level education. Table 22

shows the number of villages reporting matric level opportunities for children within their home village. Very few of these exist for boys (2 percent) or girls (0 percent). Since candidates for teaching should have completed matric, this table demonstrates how few opportunities there are in rural areas to obtain this degree.

Teaching candidates should have completed the matric degree (class 10), but in some cases this requirement is relaxed to middle pass (class 8) when no other candidates are available. Table 22 shows the number of villages reporting middle school opportunities for children within the villages. Very few of these exist for boys (6 percent), and even fewer for girls (0 percent). At these schooling levels, few mixed classes exist although at the middle pass level, they provide some of the few opportunities that exist for girls.

Table 22: Opportunities for matric and middle level education DIVISION DISTRICT | Total | -- Matric level -- | -- Middle level --|Villages Boys Girls Mixed | Boys Girls Mixed KALAT | 729 | 2% KALAT 0 응 0% 1 6% 0 응 0 % KHARAN | 370 | 1% 0 응 0% 1 5% O % 1% 0% 0% 0% 3% 5% 0% | 0% | KHUZDAR | 1102 | 1% 0 응 1% LASBELA | 511 1% 1% 0% NASIRABAD J.ABAD | 598 2% 0용 1 4% 1% 1% KACHI | 942 1% 0 응 0 % I 5% 0 응 0% | 372 2% 0 응 0% 1 4% 1% 1% TAMBOO QUETTA CHAGHI | 276 2% 0 응 0% | 10% 0% 0% PISHIN | 724 2% 0 응 0% 1 6% 2% 0% 0% 0% 0% | 250 3% 0% | 7% 0 % 1% QUETTA 0% | D-BUGHTI | 265 3% 8% 0 % 0% SIBI KHOLU | 206 1% 0 응 0% 1 7% 2% 0% SIBI | 200 ZIARAT | 115 3% 1% 0% 1 9% 0% 0% 2% 0% 0% | 9% 0% 2% GAWADER | 215 0 응 0% | 4% 3% TURBAT 1% 1% 0% | 14% PANJGOOR | 221 5% 1% 0 % 0% TURBAT | 466 2% 0 응 0% 1 7% 0 % 0% K-SAFULA | 304 ZOAB 1% 0 응 0용 1 7% 0% 0 % LORALAI | 827 1% 0 응 0% | 5% 0 % 0% ZOAB | 310 | 1% 0% 0% | 5% 0 응 0% ======== | ===== | ===== ==== | ==== ==== ==== I 9003 | TOTAL 2% 0 응 0% 1 6% 0 응 0%

5.3 Increasing girls' enrollments at higher levels. Table 23 shows the number of villages finding certain conditions attractive enough to allow their daughters to continue on to middle level schooling. The first column shows the number of villages where there are girls now enrolled at the primary level, for whom the question of middle school might be relevant.

Table 23 shows that, from the villages that answered this question about middle school, the most popular option for girls to continue on to middle school was if that school were located within the village, followed by the option of providing a school bus. Another possible option would be to provide a mobile teacher. This table shows that a number of villages are willing to send girls to middle school if the appropriate conditions are present.

Table 23: Villages* where girls would attend middle levels if certain

		prm.		5 Km	to Sch	School	TCIII	Course
KALAT	KALAT			2	4	26	7	4
	KHARAN	28	8	0	1	8	7	4
	KHUZDAR	65	25	3	3	13	20	1
	LASBELA	74	32	4	6	22	9	1
NASIRABAD	J.ABAD	184	75	2	2	59	29	17
	KACHI	57	17	6	4	12	13	5
	TAMBOO	20	14	0	0	0	5	1
QUETTA	CHAGHI	23	9	1	0	8	4	1
	PISHIN	190	67	6	4	62	33	18
	QUETTA	201	54	8	11	51	36	21
SIBI	D-BUGHTI	16	6	1	1	4	2	2
	KHOLU	11	4	0	0	3	2	1
	SIBI	36	15	2	5	13	6	4
	ZIARAT	4	1	1	0	1	1	0
TURBAT	GAWADER	66	17	2	6	21	15	5
	PANJGOOR	259	88	1	2	91	68	9
	TURBAT	128	41	11	4	43	27	2
ZOAB	K-SAFULA	28	9	0	0	10	8	1
	LORALAI	124	42	6	14	35	18	9
	ZOAB	18	6	1	1	6	4	0
=======	=======	====	=====	=====	=====	=====	=====	=====
TOTAL		1589	556	57	68	488	314	106

^{*}Many did not answer this question either because they did not want middle education for girls or they had no primary school girls eligible for middle school.

6. Are there alternative strategies which would help to expand the availability of primary

school opportunities for girls?

6.1 Acceptability of coeducation. Many villages are too small to provide separate sex schools, or they have difficulty finding female teachers. Already, as shown above, over a third of the villages claim to provide religious education for boys and girls in mixed gender institutions, and 10 percent report mixed classes in government schools. Table 24 shows the number of villages which claim to accept the idea of mixed schooling if it were not possible to provide separate schools for girls.

Table 24 shows that 62 percent of the villages reportedly accept the idea of coeducation in classes Kachi through 3; and almost 40 percent accept the idea for classes 4 and 5. By contrast, only 1 percent of villages reportedly accept the idea of coeducation at middle or matric levels.

Table 24. Willages accepting mixed gender schooling for girls

DIVISION DISTRICT Total Kind3	Table 24:	Villages	accepti	ıng mıx	ed ge	ender s	chool	ing for	girls	3
KALAT	DIVISION	DISTRICT	•	•						
KHARAN									· 	
KHUZDAR	KALAT	KALAT	729	105	14%	38	5%	2	0%	
LASBELA 511 397 78% 252 49% 4 1% NASIRABAD 598 338 57% 232 39% 3 1% KACHI 942 316 34% 106 11% 1 0% TAMBOO 372 257 69% 143 38% 3 1% QUETTA CHAGHI 276 223 81% 188 68% 2 1% PISHIN 724 185 26% 94 13% 5 1% QUETTA 250 151 60% 88 35% 2 1% SIBI D-BUGHTI 265 225 85% 13 5% 2 1% KHOLU 206 131 64% 37 18% 0 0% SIBI 200 75 38% 26 13% 0 0% SIBI 200 75 38% 26 13% 0 0% ZIARAT 115 103 90% 91 79% 1 1% TURBAT GAWADER 215 207 96% 157 73% 12 6% PANJGOOR 221 196 89% 138 62% 1 0% TURBAT 466 350 75% 267 57% 7 2% ZOAB K-SAFULA 304 245 81% 218 72% 1 0% LORALAI 827 576 70% 336 41% 21 3% ZOAB 310 241 78% 82 26% 1 0%		KHARAN	370	298	81%	280	76%	3	1%	
NASIRABAD J.ABAD 598 338 57% 232 39% 3 1% KACHI 942 316 34% 106 11% 1 0% TAMBOO 372 257 69% 143 38% 3 1% QUETTA CHAGHI 276 223 81% 188 68% 2 1% PISHIN 724 185 26% 94 13% 5 1% QUETTA 250 151 60% 88 35% 2 1% SIBI D-BUGHTI 265 225 85% 13 5% 2 1% KHOLU 206 131 64% 37 18% 0 0% SIBI 200 75 38% 26 13% 0 0% SIBI 200 75 38% 26 13% 0 0% ZIARAT 115 103 90% 91 79% 1 1% TURBAT GAWADER 215 207 96% 157 73% 12 6% PANJGOOR 221 196 89% 138 62% 1 0% TURBAT 466 350 75% 267 57% 7 2% ZOAB K-SAFULA 304 245 81% 218 72% 1 0% LORALAI 827 576 70% 336 41% 21 3% ZOAB 310 241 78% 82 26% 1 0% SUAR	KHUZDAR	1102	984	89%	590	54%	12	1%		
KACHI		LASBELA	511	397	78%	252	49%		1%	
QUETTA	NASIRABAD	J.ABAD	598	338	57%	232	39%	3	1%	
QUETTA		KACHI	942	316	34%	106	11%		0 %	
PISHIN 724 185 26% 94 13% 5 1% QUETTA 250 151 60% 88 35% 2 1% SIBI D-BUGHTI 265 225 85% 13 5% 2 1% KHOLU 206 131 64% 37 18% 0 0% SIBI 200 75 38% 26 13% 0 0% ZIARAT 115 103 90% 91 79% 1 1% 1% TURBAT GAWADER 215 207 96% 157 73% 12 6% PANJGOOR 221 196 89% 138 62% 1 0% TURBAT 466 350 75% 267 57% 7 2% ZOAB K-SAFULA 304 245 81% 218 72% 1 0% LORALAI 827 576 70% 336 41% 21 3% ZOAB 310 241 78% 82 26% 1 0% ETERRITOR 241 78% 241		TAMBOO	372	257	69%	143	38%		1%	
QUETTA 250 151 60% 88 35% 2 1% D-BUGHTI 265 225 85% 13 5% 2 1% KHOLU 206 131 64% 37 18% 0 0% SIBI 200 75 38% 26 13% 0 0% ZIARAT 115 103 90% 91 79% 1 1% TURBAT GAWADER 215 207 96% 157 73% 12 6% PANJGOOR 221 196 89% 138 62% 1 0% TURBAT 466 350 75% 267 57% 7 2% ZOAB K-SAFULA 304 245 81% 218 72% 1 0% LORALAI 827 576 70% 336 41% 21 3% ZOAB 310 241 78% 82 26% 1 0%	QUETTA	CHAGHI	276	223	81%	188	68%			
SIBI D-BUGHTI 265 225 85% 13 5% 2 1% KHOLU 206 131 64% 37 18% 0 0% SIBI 200 75 38% 26 13% 0 0% ZIARAT 115 103 90% 91 79% 1 1% TURBAT GAWADER 215 207 96% 157 73% 12 6% PANJGOOR 221 196 89% 138 62% 1 0% TURBAT 466 350 75% 267 57% 7 2% ZOAB K-SAFULA 304 245 81% 218 72% 1 0% LORALAI 827 576 70% 336 41% 21 3% ZOAB 310 241 78% 82 26% 1 0%		PISHIN	•	•						
KHOLU		QUETTA	•	•						
SIBI 200 75 38% 26 13% 0 0% ZIARAT 115 103 90% 91 79% 1 1% TURBAT GAWADER 215 207 96% 157 73% 12 6% PANJGOOR 221 196 89% 138 62% 1 0% TURBAT 466 350 75% 267 57% 7 2% ZOAB K-SAFULA 304 245 81% 218 72% 1 0% LORALAI 827 576 70% 336 41% 21 3% ZOAB 310 241 78% 82 26% 1 0%	SIBI	D-BUGHTI	265							
ZIARAT 115 103 90% 91 79% 1 1% TURBAT GAWADER 215 207 96% 157 73% 12 6% PANJGOOR 221 196 89% 138 62% 1 0% TURBAT 466 350 75% 267 57% 7 2% ZOAB K-SAFULA 304 245 81% 218 72% 1 0% LORALAI 827 576 70% 336 41% 21 3% ZOAB 310 241 78% 82 26% 1 0%		KHOLU	206	131	64%	37		0		
TURBAT GAWADER 215 207 96% 157 73% 12 6% PANJGOOR 221 196 89% 138 62% 1 0% TURBAT 466 350 75% 267 57% 7 2% ZOAB K-SAFULA 304 245 81% 218 72% 1 0% LORALAI 827 576 70% 336 41% 21 3% ZOAB 310 241 78% 82 26% 1 0% =================================		SIBI	•					0		
PANJGOOR 221 196 89% 138 62% 1 0% TURBAT 466 350 75% 267 57% 7 2% ZOAB		ZIARAT	115			91	79%	1		
TURBAT 466 350 75% 267 57% 7 2% ZOAB	TURBAT	GAWADER	•	207		157				
ZOAB K-SAFULA 304 245 81% 218 72% 1 0% LORALAI 827 576 70% 336 41% 21 3% ZOAB 310 241 78% 82 26% 1 0%		PANJGOOR	221	196		138	62%			
LORALAI 827 576 70% 336 41% 21 3% ZOAB 310 241 78% 82 26% 1 0% =================================		TURBAT	•	•				· ·		
ZOAB 310 241 78% 82 26% 1 0%	ZOAB	K-SAFULA	•	'				-		
=======================================		LORALAI	827	576	70%	336	41%	21	3%	
			:	!				1	0%	
		=======	1	l				83	1%	

6.2 Acceptability of male teachers for teaching girls. Table 25 shows the number of villages which claim to accept the idea of males teaching girls if no female teachers are available. The table shows that male teachers are more acceptable for kindergarden through class 3 (62 percent) than for classes four and five (36 percent). About the same ratios of villages accept mixed schools as

accept male teachers.

Table 25: Villages accepting male teachers for girls

Table 25:	Villages a	acceptir	ng male t	teacher	s ior gi	ırıs	
DIVISION	DISTRICT	Total	Villages	accep	ting mai	le teachers	
		Vill.	 K - 	- 3	4 -	- 5 	
KALAT	KALAT KHARAN KHUZDAR LASBELA	729 370 1102 511	104 307 1003 413	91%	607	55%	
NASIRABAD	J.ABAD KACHI TAMBOO	598 942 372		61% 37% 66%	91	10%	
QUETTA	CHAGHI PISHIN QUETTA	276 724 250	241 185 130	87% 26% 52%		11%	
SIBI	D-BUGHTI KHOLU SIBI ZIARAT	265 206 200 115	137 75	94% 67% 38% 90%	45 35 27 92	17% 14%	
TURBAT	GAWADER PANJGOOR TURBAT	215 221 455	192 207 219	89% 94% 47%	133 132 178	62% 60% 38%	
ZOAB	K-SAFULA LORALAI ZOAB	304 827 310 =====	241 595 240 =======	798 728 778 =====		40% 35%	
TOTAL		9003	 5606	62%	3261	36%	

6.2.1 Types of acceptable male teacher. Table 26 shows the kinds of male teachers that are reported to be acceptable to villagers to teach in girls' schools. The table shows that villagers prefer a local male (45 percent), followed by a Pesh Imam (42 percent) or an older retired male teacher (39 percent). Least acceptable is a male from outside the village (7 percent).

Table 26:	Kinds of r	nale tea	achers vi	llages	accept	for	girls
DIVISION	DISTRICT	N	Outsidr Male	Local Male	Retire Male		Pesh Imam
KALAT	KALAT KHARAN KHUZDAR LASBELA	729 370 1102 511	0% 2% 10% 21%	10% 82% 79% 74%	49%	568	5
NASIRABAD	J.ABAD KACHI TAMBOO	598 942 372	25% 1% 2%	51% 12% 28%	54% 7% 52%	99 369 389	5
QUETTA	CHAGHI PISHIN QUETTA	276 724 250	12% 1% 3%	69% 16% 22%	61% 16% 22%	798 168 288	5
SIBI	D-BUGHTI KHOLU SIBI	265 206 200	2% 0% 3%	18%	68% 24% 33%	419	5
TURBAT	ZIARAT GAWADER PANJGOOR TURBAT	115 215 221 455	3% 17% 13% 1%	77% 51% 81% 37%	74% 76% 50% 36%	398	5
ZOAB	K-SAFULA LORALAI ZOAB	304 827 310	5% 9% 3%	22% 48% 53%	63% 45% 50%) 5
TOTAL		9003	====== 7% 	==== = 45% 	====== 39% 	===== 42%	= 5

6.2.2 Availability of males willing to teach. Table 27 shows the villages that claimed to know male candidates willing to teach in primary schools. 42 percent of the villages reportedly knew of matric male candidates; 40 percent knew of middle pass candidates; 12 percent knew a retired male teacher; and 6 percent knew some other male candidate. These candidates would help considerably to expand girls' primary education in villages which accept the idea of a male teacher for girls.

Table 27: Villages with available male candidates willing to teach

DIVISION	DISTRICT	N 	Matric Male 	Mid.pas Male	s Ret.M. Teachr	Other Male
KALAT	KALAT	 729	 25%	23%	12%	 7%
	KHARAN	370	11%	12%	0%	0%
	KHUZDAR	1102	1 48%	35%	13%	2%
	LASBELA	511	22%	25%	5%	1%
NASIRABAD	J.ABAD	598	1 47%	30%	9%	1%
	KACHI	942	33%	34%	6%	6%
	TAMBOO	372	19%	19%	13%	7%
QUETTA	CHAGHI	276	34%	38%	88	4%
	PISHIN	724	62%	70%	9%	7%
	QUETTA	250	73%	72%	20%	17%
SIBI	D-BUGHTI	265	76%	72%	4%	0%
	KHOLU	206	27%	18%	2%	0%
	SIBI	200	69%	62%	31%	18%
	ZIARAT	115	50%	57%	7%	4%
TURBAT	GAWADER	215	43%	43%	24%	14%
	PANJGOOR	221	54%	68%	46%	20%
	TURBAT	455	46%	47%	21%	12%
ZOAB	K-SAFULA	304	50%	48%	13%	12%
	LORALAI	827	40%	40%	10%	6%
	ZOAB	310	38%	38%	13%	1%
TOTAL	=======	======	======= 42%	===== 40%	12%	==== 6%

6.3 Alternative strategies: Summary and implications. Table 28 matches all male and female candidates who villagers claim are available and willing to teach (from Tables 18 and 27, including matric and middle pass males and females, retired male teachers and other literate males and females) to villages claiming to need teachers to begin education for girls.

The table shows that candidates are available to cover about a third of the reported demand for

teachers and in some districts a great deal more. This finding assumes that the candidates are indeed available and willing to teach, are suitably qualified, and that villagers would accept male teachers for girls' schools in all these villages. Though probably unlikely that all these assumptions will be met, these data suggest that there may be local or nearby alternatives to draw on when trying to staff a large number of girls' schools.

Table 28: Available male and female candidates willing to teach matched to villages where teachers are needed to begin girls'ed.

DIVISION	DISTRICT	N	Teache Need			start girls' ed. and Avail.
KALAT	KALAT KHARAN KHUZDAR LASBELA			92% 94%	17 82	 25% 5% 8% 20%
NASIRABAD	J.ABAD KACHI TAMBOO	598 942 372	557 667 344	93% 71%	109 308	20% 46% 27%
QUETTA	CHAGHI PISHIN QUETTA	276 724 250	256		101 205	39% 31% 72%
SIBI	D-BUGHTI KHOLU SIBI ZIARAT	265 206 200 115	257 135 133 92	97% 66% 67%	82 48 110	32% 36% 83% 60%
TURBAT	GAWADER PANJGOOR TURBAT	215 221 466	197	79% 95%	92 118	47% 67% 30%
ZOAB	K-SAFULA LORALAI ZOAB	304 827 310	231 705 269	87응 85응	119 117	27% 17% 43%
TOTAL		===== 9003	7681	==== 36% 	====== 2196 	==== 29%

7. What has been the impact of existing programs to bring more female teachers to rural areas?

A few programs have been tried on a limited basis to encourage more female teachers to work in rural areas. Villages in the sample reported programs for bussing female teachers (2 percent), for providing teacher residences attached to schools (1 percent). A few report allowances for difficult areas, cluster hostels and take-home rations for teachers.

Villages assessed the impact of all the programs as helpful but differed in the extent to which they felt the programs solved the problem completely. The most positive response was to programs where teachers were bussed to school. A high portion of villages which reported having established this program claimed that it had solved the problem of finding female teachers completely or almost completely.

								_
Table 29.	Villages	having	programs	to	encourage	female	teachers*	
DIVISION	DISTRICT	N -	Bus Tchr	Tchr Res		Money Incent.	Tchr Rations	_
KALAT	KALAT KHARAN KHUZDAR LASBELA	729 370 1102 511	0	5 0 1 0	0 0 0 0	0 0 0 0	0 0 0 0	
NASIRABAD	J.ABAD KACHI TAMBOO	598 942 372	8 3	2 2 0	0 1 1	1 0 10	1 0 0	
QUETTA	CHAGHI PISHIN QUETTA	276 724 250	12	3 8 2	0 1 0	0 1 0	0 3 0	
SIBI	D-BUGHTI KHOLU SIBI ZIARAT	265 206 200 115	9	0 9 0	3 1 0	1 0 0	0 0 1	
TURBAT	GAWADER PANJGOOR TURBAT	215 221 455	0 21	1 0 1	0 0	0 0	1 1 1	
ZOAB	K-SAFULA LORALAI ZOAB	304 827 310	16	4 11 4	0 0 0	0 0 0	3 2 4	
TOTAL	=======	9003	==== 132(2%) 55	==== (1%) 7 (0	==== %) 13(0%	==== %) 17(0%)	

8. Summary and conclusions

The Human Resource Survey presents evidence of the substantial support for girls' education in the 9003 villages surveyed in Balochistan. The extent of this support varies from district to district but in only a few is there a great deal of resistance to girls' education. A large number of villages report willingness to contribute to the costs of starting and expanding education for boys and girls. At present in these villages, primary opportunities for girls are severely limited compared to those available for boys. According to villagers' reports, on the female side, need is greatest for facilities and teachers to begin education for girls, while there is little need to expand existing schools since few girls schools are crowded enough to require expansion. Many villages also do not have educational opportunities for boys, and those that do frequently complain of crowded conditions. Villagers are about as likely to report the need for more facilities and staff to ease crowded

conditions as they are to request schools and staff to begin education for boys.

Surprisingly, more opportunities for education exist at present for girls in mixed gender as opposed to single-sex schools. In villages where support for girls' education is high, parents often have organized such interim solutions as mosque schools or mixed gender classes. The widespread existence of these interim solutions suggests that there are viable and relatively low-cost alternatives to single-sex schools for girls.

A substantial number of villages report a need for teachers for girls' education. A few of these villages could be served by bussing teachers on a daily basis from nearby urban areas where there are available female teachers. Most villages do not have appropriately qualified females either resident or within bussing distance. Parents in many villages expressed a willingness to have their daughters attend mixed schools, and/or be taught by suitable local male teachers at the primary level. This strategy for solving the problem of female teacher supply appears to be the most viable one in the short term if education is to be provided for girls in many villages. This solution, however, requires careful planning to ensure the support of parents in each village where the strategy is applied. The Human Resource Survey shows dramatically the range of attitudes and conditions that exist in the villages of a single district or division. Solutions need to be adapted closely to the unique conditions in each locale.

Given present low enrollments and limited opportunities for girls' education at all levels, it is unlikely that the problem of finding female teachers will be solved in the near future unless there is a rapid expansion in opportunities for girls from primary through matric. Many parents express a willingness to allow their girls to continue to middle and matric levels if schooling opportunities are provided in their own villages or if school busses take them from their homes to school. Resolving this problem of expanding the numbers of qualified female teaching candidates requires that considerable resources be expended in upgrading primary to middle schools where Class Five enrollments warrant this effort.

In Balochistan, it must be concluded that the main constraint on primary enrollments for both boys and girls is the lack of sanctioned teaching posts. Parents in many villages are willing to use interim facilities and can find candidates--male if not always female--that they find acceptable for teaching positions. Waiting until facilities are built to sanction teaching posts, delays or prevents the education of many thousands of children. Planners need to consider how they might deliver educational opportunities more quickly without waiting until costly school buildings are built.

APPENDIX 1. Village characteristics

1.1 Distribution of villages. This report covers 9003 villages in the 20 districts that existed in Balochistan at the time of the survey. The villages surveyed were all those with more than 200 and fewer than 5000 inhabitants. Table A shows the distribution of villages by division and district.

Table A:	 Distributio	on of	villa	ges in	 n the	20	distr:	icts	
DIVISION	DISTRICT N			DIVISION			DISTRICT		
KALAT	KALAT KHARAN KHUZDAR LASBELA	729 370 1102 511 2712		SIBI		D-BU KHOI SIBI ZIAR	: RAT	265 206 200 115 	
NASIRABAD	J.ABAD KACHI TAMBOO	ABAD 598 ACHI 942		TURBA'	URBAT GAW <i>I</i> PANJ TURE			215 221 466	
	TOTAL	1912				TOTA	\L	902	
QUETTA	CHAGHI PISHIN QUETTA	276 724 250		ZOAB		K-SA LORA ZOAE		304 827 310	
	TOTAL	1250			====	TOTA	L ====	1441	
				TOTAL				9003	

1.2 Conditions in the villages. Table B summarizes the physical facilities available in or near the villages covered in this report. Villages reported the presence or absence of basic amenities (water, electricity, health facilities), transport and communications (roads, bus stands, railway stations, telephones), and the existence of mosques. These conditions may affect the desirability of areas to which teachers are assigned.

Table B: Facilities available within 2 Km. of villages										
DIVISION	DISTRICT	N 	Pukka Road		Rlwy Stn		Tel	Hlth Fac.	_	Drnk Watr
KALAT	KALAT	729	26%	48%	2%	43%	9%	16%	99%	86%
	KHARAN	370			1%		7%			97%
	KHUZDAR	1102	7%	28%	0%	11%	4%	11%	888	90%
	LASBELA	511	29%	34%	0%	13%	6%	16%	60%	86%
NASIRABAD	J.ABAD	598	32%	74%	1%	69%	18%	25%	87%	38%
	KACHI	942	8%	12%	4%	20%	9%	13%	96%	33%
	TAMBOO	372	5%	73%	3%	66%	18%	21%	97%	51%
QUETTA	CHAGHI	276	33%	17%	14%	15%	26%	25%	96%	93%
	PISHIN	724	22%	50%	6%	51%	19%	21%	98%	94%
	QUETTA	250	75%	76%	21%	92%	51%	40%	98%	888
SIBI	D-BUGHTI	265	12%	25%	0%	11%	9%	17%	44%	54%
	KHOLU	206	0%	0 응	0%	10%	2%	25%	97%	888
	SIBI	200	16%	28%	7%	41%	20%	30%	98%	56%
	ZIARAT	115	46%	17%	0%	56%	54%	43%	97%	100%
TURBAT	GAWADER	215	5%	12%	0%	2%	6%	16%	47%	60%
	PANJGOOR	221	19%						77%	93%
	TURBAT	466	0응	5%		0 %		12%	75%	60%
ZOAB	K-SAFULA	304	22%	19%			6%	16%	99%	98%
	LORALAI	827	•	43%	0%	17%	9%	15%	96%	71%
	ZOAB	310	19%	32%	1%	16%	8%	14%	99%	89%
========	=======		=====							=====
TOTAL		9003	18%	35%	3%	28%	12%	18%	888	74%

1.3 Language backgrounds. Table C shows the main mother tongue for the villages in the sample. Of these villages, only a few claim Urdu as a main mother tongue, 24 percent claim Pashto, 36 percent claim Baluchi, 23 percent Brauhvi, 7 percent Sindi, and 4 percent Seraiki.

Table	C:	Language	backgrounds	
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DIVISION	DISTRICT	N	U:	rdu	Pas	shto	Bal	uchi	Brauhvi		Sindi		Sera	- aiki
KALAT	KALAT KHARAN KHUZDAR LASBELA	729 370 1102 511	3 1 0 2	0%	6 1 0	18 08 08 08	56 257 296 102	 8% 69% 27% 20%	653 111 775 46	90% 30% 70% 9%	0 0 31 208	 0% 0% 3% 41%	1 0 0	0% 0% 0% 0%
NASIRABAD	J.ABAD KACHI TAMBOO	 598 942 372	 2 1 0	0%	2 4 2	0% 0% 1%	436	57% 46% 42%	92	13% 10% 19%			73 235 45	
QUETTA	CHAGHI PISHIN QUETTA	276 724 250	2 9 3	1% 1% 1%	3 708 153	1% 98% 61%	151 7 2	-	120 0 89	0%	0 0 0	0% 0% 0%	0 0 0	0 % 0 % 0 %
SIBI	D-BUGHTI KHOLU SIBI ZIARAT	265 206 200 115	1 1 1 1 1 0	0% 0% 1% 0%	1 14 99 1151	7왕 50왕	262 177 45 0	998 868 238 08	0 0 8 0	0% 0% 4% 0%	1 1 37 0	0% 0% 19% 0%	0 0 10 0	0% 0% 5% 0%
TURBAT	GAWADER PANJGOOR TURBAT	 215 221 466	 0 1 1	0 % 0 % 0 %	0 1 0	0%		100% 99% 100%	0 0 0	0% 0% 0%	0 0 0	0% 0% 0%	0 0 0	0% 0% 0%
ZOAB	K-SAFULA LORALAI ZOAB	304 827 310	 1 10 0	1%	3031 412 3091	50%	0 59 0	0% 7% 0%	_	0% 1% 0%	0 1 0	08 08 08	0 13 0	0% 2% 0%
TOTAL		9003	 39	0응	2133	24%	324	36%	204	23%	64	7%	37	 4% 7