

MAIN FINDINGS

One of the major objectives of the census of Private Educational Institutions was to estimate the share of private education in GDP. Since long no data was available for this indicator. As per estimate in 1980-81, private education was contributing 0.4 percent of the GDP (factor cost). For 1999-2000 the projected share of private education in GDP(fc) was 0.49 percent. The result of this census indicates that share of private education is 0.66 percent of GDP(fc). Therefore, this improved estimates will be used as a bench mark for estimating GDP(fc) in future.

Private Institutions

The census indicates that there were 36,096 private institutions in Pakistan. Detail by type and region is given below.

Private Institutions by type : Pakistan and Region

Region	General	Professional/ Technical (Under- Graduate)	Professional/ Technical (Graduate and Post- Graduate)	Vocational	Total
1	2	3	4	5	6
Pakistan	33,893	433	265	1,505	36,096
Islamabad	309	10	12	31	362
Punjab	22,855	263	157	688	23,963
Sindh	5,943	86	42	386	6,457
N.W.F.P	3,995	73	48	335	4,451
Balochistan	465	1	6	53	525
FATA	326	-	-	12	338

Nos

Source: Statistical table No.1

Out of total 36,096 educational institutions, 66.4% lies in Punjab, 17.9% in Sindh, 12.3% in NWFP, 1.5% in Balochistan, 0.9% in FATA & 1% in Islamabad. 93.9% institutes are involved in providing general education, 1.9% in technical educational and 4.2% vocational training. Overall 39% (14,092) total institutes are in rural areas, while 61% (22,004) lie in urban areas. In all the provinces, most of the institutions, lie in urban areas, except in NWFP & FATA. In NWFP 59% institutes are in rural areas, while 41% in urban areas. In FATA 100% institutes

are in rural areas. Province-wise position of urban/rural area in percent is given below:-

Institutions by urban/rural and Region

Region	Percent	
	Rural	Urban
Punjab	42.1	57.9
Sindh	11.2	88.8
NWFP	58.9	41.1
Balochistan	28.2	71.8
FATA	100.0	00.0
Islamabad	48.3	51.7

Source: Statistical table No. 1 & 2

Enrolment

The census results indicates that total enrolment was 6,089,139. Details are given below.

Enrolment by type of private institutions: Pakistan and Region

Region	Nos				
	General	Professional/ Technical (Under- Graduate)	Profession al/ Technical (Graduate and Post- Graduate)	Vocation al	Total
1	2	3	4	5	6
Pakistan	5,835,559	58,264	67,602	127,714	6,089,139
Islamabad	45,174	1,839	2,632	5,103	54,748
Punjab	3,633,018	33,432	43,027	45,897	3,755,374
Sindh	1,316,839	16,601	14,884	41,714	1,390,038
N.W.F.P	672,786	6,080	6,618	22,919	708,403
Balochistan	97,263	312	441	10,655	108,671
FATA	70,479	-	-	1,426	71,905

Source: Statistical table No. 1 & 2

Enrolment also indicates that overall in general education 96% students were enrolled, while around 4% students are obtaining technical or vocational education. Region-wise enrolment is given below in percent.

Enrolment by type of private institutions by Region

Percent

Region	General Education	Technical Education
Punjab	96.7	3.3
Sindh	94.7	5.3
NWFP	95.0	5.0
Balochistan	89.5	10.5
FATA	98.0	2.0
Islamabad	82.5	17.5

Source: Statistical table No. 1 & 2

Overall 31%(1,876,839) enrolment is in rural areas and 69%(4,212,300) enrolment is in urban areas. Overall region-wise enrolment in percent is given below.

Total enrolment by region

Region	Percent
Punjab	61.7
Sindh	22.8
NWFP	11.6
Balochistan	1.8
FATA	1.2
Islamabad	0.9

Source: Statistical table No. 1 & 2

Region-wise enrolment by urban and rural in percent is given below.

Enrolment by urban/rural and region

Percent

Region	Rural	Urban
Punjab	35.2	64.8
Sindh	4.5	95.5
NWFP	52.8	47.2
Balochistan	20.4	79.6
FATA	100.0	00.0
Islamabad	44.8	55.2

Source: Statistical table No. 1 & 2

Types of institutions

The distribution of general educational institutions (33,893), indicates that 43.5%(14,748) are primary, 37%(12,550) middle, 17.5%(5,940) high and only 2%(655) are higher secondary and above. A small number of technical & vocational institutes lies in the private sector as compared to general education.

Institutions by Gender

By gender distribution of the institutions is given below.

Institutions by gender and type

Type		Boys	Girls	Combined	Total
General	Nos	935	872	32,086	33,893
	%	2.76	2.57	94.67	100.00
Technical/Professional (Under-graduate)	Nos	124	13	296	433
	%	28.64	3.00	68.36	100.00
Technical/Professional (Graduate and Post Graduate)	Nos	112	4	149	265
	%	42.26	1.51	56.23	100.00
Vocational	Nos	405	438	662	1,505
	%	26.91	29.10	43.99	100.00

Source: Statistical table No.4

The above distribution indicates that in general education 94.7%, in Technical/Professional (Under-graduate) 68.4%, in Technical/Professional (Graduate & Post Graduate) 56.2% and Vocational education 44% institutes are combined institutions for boys and girls together. In general education, very small percentage of institutions are set up for separate education for boys and girls.

Enrolment by type of Education

Overall 57% are male and 43% female enrolled in different types of education.

Gender-wise distribution is given below in percentage.

Enrolment by type and level of education

Type		Male	Female	Total
General	Nos	3,309,840	2,525,719	5,835,559
	%	56.7	43.3	100.0
Technical/Professional (Under-graduate)	Nos	51,713	18,168	69,881
	%	74.0	26.0	100.0
Technical/Professional (Graduate and Post Graduate)	Nos	40,469	8,762	49,231
	%	82.2	17.8	100.0
Vocational	Nos	78,936	55,532	134,468
	%	58.7	41.3	100.0
Total	Nos	3,480,958	2,608,181	6,089,139
	%	57.2	42.8	100.0

Source: Statistical table No.5

Enrolment by level of education

In general education enrolment indicates that 78% in primary, 15% in middle, 5% in high and remaining 2% in higher secondary & above. Subject-wise enrolment is given in statistical table No.5. Subject-wise distribution in Technical & Vocational education indicates that as compared to other subjects, percentage of enrolment is quite high in Commerce, Computer and Administration.

Percent distribution by level of education: Pakistan

Level	General		Level	Technical/Professional (Under Graduate)	
	Numbers	%		Numbers	%
Primary	4,568,890	78.30	Engineering	4,213	6.03
Middle	885,146	15.17	Medical	25,226	36.10
High	305,798	5.24	Commerce	12,976	18.57
Higher Secondary	47,225	0.81	Administration	2,298	3.29
Degree College	10,697	0.18	Computer	20,254	28.98
University	1,390	0.02	Agriculture	1,208	1.73
British System	4,705	0.08	Law	132	0.19
Others	11,708	0.20	Education	198	0.28
			Others	3,376	4.83
Total	5,835,559	100.00	Total	69,881	100.00
Level	Technical/Professional (Graduate and Post Graduate)		Level	Vocational	
	Numbers	%		Numbers	%

Engineering	428	0.87	Industrial Arts	10,045	7.47
Medical	5,323	10.81	Para-medical	1,451	1.08
Commerce	16,111	32.73	Management	1,202	0.89
Administration	5,790	11.76	Computer	77,390	57.55
Computer	11,167	22.68	Agriculture	1,191	0.89
Agriculture	-	00.00	Education	6,051	4.50
Law	7,575	15.39	Home Sciences	3,464	2.58
Education	2,042	4.15	Others	33,674	25.04
Others	795	1.61			
Total	49,231	100.00	Total	134,468	100.00

Source: Statistical table No.5

Teaching staff

Distribution of teaching staff by type of education in Pakistan and regions is given below:-

Teaching staff by type of private institutions: Pakistan and Region

Nos

Region	General	Professional/ Technical (Under- Graduate)	Professional/ Technical (Graduate and Post- Graduate)	Vocational	Total
1	2	3	4	5	6
Pakistan	292,010	2,933	4,626	4,597	304,166
Islamabad	3,378	102	268	173	3,921
Punjab	174,200	1,791	2,280	1,707	179,978
Sindh	71,010	557	1,444	1,499	74,510
N.W.F.P	36,161	471	554	910	38,096
Balochistan	4,578	12	80	286	4,956
FATA	2,683	-	-	22	2,705

Source: Statistical table No.6

Overall 96% of teaching staff is engaged in general education and 4% in technical & vocational education. Province-wise position of teaching staff is given below in percent.

Teaching staff by Region

Region	Percent
Punjab	59.2
Sindh	24.5

NWFP	12.5
Balochistan	1.6
FATA	0.9
Islamabad	1.3

Source: Statistical table No.6

Overall 71% teaching staff is working in urban institutions while 29% in rural institutions.

Distribution of teaching staff by gender is given below:-

Teaching staff by gender and type of education: Pakistan

Type		Male	Female	Total
General	Nos	78,929	213,081	292,010
	%	27.3	72.97	100.00
Technical/Professional (Under-graduate)	Nos	2445	488	2,933
	%	83.36	16.64	100.00
Technical/Professional (Graduate and Post Graduate)	Nos	3,806	820	4,626
	%	82.27	17.73	100.00
Vocational	Nos	3,009	1,588	4,597
	%	65.46	34.54	100.00
Total	Nos	88,189	215,977	304,166
	%	28.99	71.01	100.00

Source: Statistical table No.6

Overall 29% male and 71% female teaching staff is working in private sector.

Source of Income

When we examine the sources of income, it was observed that over all major source of income is tuition fee (58%) and admission fee (28%). Donations contribute around 9% and other sources about 5%.

(Reference table No.7)

Value of fixed assets

Percentage distribution of fixed assets is given below. The tables show that major items of fixed assets are building, furniture, machinery and equipment.

Fixed assets by items: Pakistan

Head of Assets	Percent
Improvement of land	8.3
Construction of building	34.9
Furniture & fixture	22.4
Transport & transport equipment	5.1
Machinery & equipment	14.3
Laboratories	6.0
Teaching Aids	3.5
Others	5.5

Source: Statistical table No.9

Facilities available

In total 14,702 institutions have their play grounds, 15,309 libraries, 823 boarding houses, 7,432 halls, 5,700 science laboratories, 5,773 computer laboratories, 14,086 teaching kits, 3,229 sports rooms, 5,226 audio visual aids & 1,800 transport facilities Their share in Urban/Rural is different for each facility which is given below.

Facilities available by urban/rural: Pakistan

(%)

Facility	Rural	Urban
Play ground	47.5	52.5
Library	31.2	68.8
Boarding/Lodging	27.7	72.3
Hall	26.7	73.3
Science Laboratory	19.5	80.5
Computer Lab.	12.2	87.8
Teaching kits	31.5	68.5
Sports room	24.2	75.8
Audio visual	21.6	78.4
Transport	32.1	67.9

Source: Statistical table No.10

Institutions by ownership : Pakistan

Nos

Level	General	Technical/ Professional (Under-	Technical/ Professional (Graduate &	Vocational	Total

		Graduate)	Post Graduate)		
Pakistan	33,893	433	265	1,505	36,096
Self Owned	27,319	265	122	1,105	28,811
NGO	2,368	45	17	150	2,580
Trust	1,006	26	44	58	1,134
Foundation	674	9	16	47	746
Others	2,526	88	66	145	2,825

Source: Statistical table No.11

As regards ownership of the institutions, 79.8% are self owned, 7.2% are run by NGOs, 3.1% by trust, 2.1% by foundations and 7.8% by others.

Expenditure incurred during the academic year: Pakistan

Rs ('000')

Level	Teaching staff	Non Teaching staff	Repair and maintenance of machinery & equipment	Purchases (stores & stationery)	Traveling/ POL/ Transport	Utilities, electricity, gas water, telephone and postage	Rent of building	Repair and maint. of building	Misc	Total
Pakistan										
General	5946379	1068756	132091	266530	137868	612924	1004891	285178	532992	9987609
Technical/ Professional/ (Under-Graduate)	112896	46355	5115	7837	3107	23483	37731	4413	17549	258486
Technical/ Professional/ (Graduate & Post Graduate)	635069	173659	12863	58673	33190	113209	84649	41695	267425	1420432
Vocational	103342	33411	11929	7864	4714	29870	35432	4879	10778	242219
Total	6797686	1322181	161998	340904	178879	779486	1162703	336165	828744	11908746

Source: Statistical table No.13

Major expenditure (57%) of the total expenditure is incurred on pay and allowances of teaching & 11.1% on non teaching staff, 1.4% percent on repair & maintenance, 2.9% on purchase of store & stationery, 1.5% on traveling, 6.6% on utilities, 9.8% on rent of building and 2.8% on repair & maintenance of building and 6.9% on misc. items.

Enrolment in vocational institutions by duration of courses: Pakistan

Region	Less than one month	1-2 months	3-4 months	5-6 months	More than 6 months	Total
Pakistan	6,658 5.21	17,799 13.94	53,926 42.22	20,478 16.04	28,853 22.59	127,714 100.00
Male	4,196	12,218	29,076	14,465	13,582	73,537
Female	2,462	5,581	24,850	6,013	15,271	54,177

Source: Statistical table No.14

By duration of the courses, it indicates that census result that enrolment was highest (42.2%) in 3-4 months programmes, while 23% of the enrolment was in 6 months to one year programmes, 16% in 5-6 months programmes. It indicates that usually 3 to 4 months programmes are mostly attended by the participants.

Registration status for all types: Pakistan

Nos

Level	General	Technical/ Professional (Under- Graduate)	Technical/ Professional (Graduate & Post Graduate)	Vocational	Total
Pakistan	33,893	433	265	1,505	36,096
Registered	22,321	152	93	474	23,040
Recognized	1,472	58	32	45	1,607
Affiliated	682	76	115	73	946
Others	9,418	147	25	913	10,503

Source: Statistical table No.15

When we examine the registration status, 64% institutes are registered, 3.4% recognized and remaining others.

Institutions by ownership of building: Pakistan

Nos

Region	General	Technical/ Professional (Under- Graduate)	Technical/ Professional (Graduate & Post Graduate)	Vocational	Total
Pakistan	34,138	435	267	1,509	36,349
Owned	12,926	81	28	398	13,433
Rented	19,346	343	223	989	20,901
Others	1,866	11	16	122	2,015

Source: Statistical table No.16

Most of the institutions (57%) are located in rented buildings, 37% are located in own buildings, while 6% have other different arrangements.

Average investment, receipts and expenditure

Average investment during last year is Rs 69,108, while average receipt is Rs 608,869 and expenditure Rs 329,919. Type wise average investment, receipt and expenditure is given below.

Average investment, receipts and expenditure: Pakistan

(Rs '000')

Type	Average Investment	Average Receipt	Average Expenditure
General	57,838	567,736	294,681
Technical/Professional (Under-graduate)	179,095	773,307	596,975
Technical/Professional (Graduate and Post graduate)	1,355,185	7,762,313	5,360,109
Vocational	64,805	228,316	160,942
All type	69,108	608,869	329,919

Source: Statistical table No.2

Average enrolment per institute by type: Pakistan and Region

Type	Pakistan	Islamabad	Punjab	Sindh	NWFP	Balochistan	FATA
All types	169	151	157	215	159	207	213
General	172	146	159	222	168	209	216
Technical/Professional (Under graduate)	135	184	127	193	83	312	-
Technical/Professional (Graduate and Post Graduate)	255	219	274	354	138	74	-
Vocational	85	165	67	108	68	201	119

It has been observed that enrolment per institution is greater in technical/ professional post graduate and less in vocational institutions. In the general institutions enrolment per institution is higher in Sindh Province whereas it is less in Islamabad.

Participation rate in private education: Pakistan

Stage	Percentage		
	Both	Male	Female
Primary	19.93	22.16	17.71
Middle	9.05	9.56	8.61
High	4.67	5.01	4.34

The overall participation rate at primary stage is 19.93 percent (boys 22.16 and girls 17.71 percent). At middle stage 9.05 percent (boys 9.56 & girls 8.61 percent) and high 4.67 percent (boys 5.01 & girls 4.34 percent). It has been observed that girls participation rate at all levels are lower than boys.

Teaching staff by qualification: Pakistan

Type	Matriculation	Higher Secondary FA/F.Sc	B.A/ B.Sc	M.A/ M.Sc	M.Phil/ Ph.D	Others	Total
Primary Nos	26,833	25,911	17,704	4,158	31	1,287	75,924
Primary %	35.34	34.13	23.32	5.48	0.04	1.7	100.0
Middle Nos	30,079	36,676	30,079	7,918	60	1,569	106,381
Middle %	28.27	34.48	28.27	7.44	0.06	1.47	100.0
High Secondary Nos	13,182	24,379	38,927	16,288	211	1,622	94,609
High Secondary %	13.93	25.77	41.15	17.22	0.22	1.71	100.0
Higher Secondary Nos	715	1,402	3,581	4,915	114	182	10,909
Higher Secondary %	6.55	12.85	32.83	45.05	1.05	1.67	100.0
Degree College Nos	70	127	567	1,508	80	130	2,482
Degree College %	2.82	5.12	22.84	60.76	3.22	5.24	100.0
British System Nos	7	54	343	571	23	51	1,049
British System %	0.67	5.14	32.70	54.43	2.20	4.86	100.00

Teaching staff by teaching qualification: Pakistan

Level	Untrained	Total	Untrained % of total
Primary Nos	50,763	75,924	66.86
Middle Nos	67,114	106,381	63.09
High Nos	55,125	94,609	58.27

Source: Statistical table No.18

Data indicates that in primary, middle and high level more than 50% of the staff is not trained in private educational institutions. For the type of education, detail of qualification of teachers could not be collected.