

FINANCING IN EDUCATION SECTOR (Public and Private)

FY 2012-13, 2013-14, 2014-15 and 2015-16

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EXECUTIVE SUMMARY

This report was designed to collect and analyze the scanty information regarding financing in education sector in Pakistan. Data was collected from all concerned stakeholders including Federal, Provincial and Areas governments. Moreover, budget books were also used for verification of financial data. According to Pakistan Education Statistics, (2013-14) there are total 243,937 educational institutions functioning in public and private sector including Deeni Madaris and non-formal schools.

The total budgetary expenditure in education sector was Rs 1,188.856 billion in 2014-15 in both public and private sector. The expenditure of Federal government was Rs.122.016 billion in 2014-15 whereas provincial governments spent Rs.533.530 billion in the same financial year. The estimated expenditure incurred by the private sector was Rs.533.310 billion in 2014-15. The public sector is contributing 55% and private sector contribution is 45%. According to Pakistan Education for All Review Report (2015) Pakistan's education expenditure as percentage of GDP has varied between 1.7% and 2.2% during 2007-2008 to 2014-15 which is a gradual small increase that needs to be enhanced at least to 4% as per UNESCO recommendation. The comparison of Federal allocation and expenditure indicate that Federal allocation was Rs.65.250 billion in 2012-2013 that increased upto Rs.98.980 billion (52%) in 2015-16 whereas expenditure incurred increased during the same period from Rs.70.142 billion in 2012-2013 to Rs.94.070 billion (34%) 2014-2015.

Federal financial data further shows that Federal budget including budget of Ministry of Federal Education and Professional Training, other Ministries' spending on Education, FATA, Gilgit Baltistan and AJK Budgets which are being funded by the Federal Government allocated Rs.87.518 billion on Education Sector in 2012-2013 which increased to Rs.130.269 billion (49%) in 2015-2016. Similarly, expenditure incurred by the Federal government increased upwards from Rs.92.478 billion in 2012-2013 to Rs.122.016 billion in 2014-2015 (32%). This shows increase both in allocations (49%) and expenditure (32%). As far as level-wise Federal education budget is concerned data depict that Federal Government allocated major chunk (78%) of its budget for tertiary education as against meager 7%, 9% and 1% on primary, secondary and vocational education respectively.

Provincial/ regional education budgets which stood at Rs 460.978 billion in 2012-13 enhanced to Rs. 683.110 billion (48%) in 2015-16 whereas expenditure increased from Rs.436.694 billion in 2012-13 to Rs.572.905 billion (31%) in 2015-16. Financing on education as proportion of total budgetary as allocation indicates that Federal Government share of education was 2% in 2012-2013 which remained static in 2015-2016. Punjab evidenced decline as share of education budget allocations by 9-10% in 2015-16 as against 32% allocated share of education as proposition of total budget outlay. The proportioned share of education out of total provincial budget declined to 21% in 2015-16 from 27% in 2012-13. Similarly, trends were witnessed in Sindh and KPK during the same period. KPK was spending 31% of its total budget on education in 2012-2013 which decreased to 25% in 2015-16. However, it was encouraging to note that Balochistan's share of allocation increased to 22% in 2015-16 as against 13% of the total budget in 2012-13. Sub-sector wise share of the total education budgets shows that Federal Government allocated 7% of its education budget for primary education in 2015-2016, Punjab 37%, Sindh 36% KPK 40% and Balochistan 33% of its budget for primary education. Share of secondary education out of total education budget of Federal Government is 9% in 2015-2016, whereas Punjab allocated 45%, Sindh 42%, KPK, 43% and Balochistan 38% of the total budget on Secondary education in 2015-2016. Share of higher education out of total education budget of Federal Government is 78%, Punjab 13%, Sindh 14%, KPK 13% and Balochistan 22% in 2015-2016. The per student expenditure on education was calculated @ Rs.24,539/- per annum at national level.

Findings/ Analysis of budget allocation and expenditures

It was revealed that Federal Government has allocated Rs.98.98 billion for education sector for the year 2015-16 as against the expenditure of more than Rs.65.250 billion in 2012-13 (increase 52%). Similarly, increase in education budgets of all provinces is evidenced during the preceding three years and the current 2015-16 but the overall share of education as proportion of total budget outlay has decreased except in Balochistan. As far as share of sub-sectors of education was concerned, it was found that the major chunk of Federal Education budget has been allocated for Higher Education i.e. 78% of total education budgetary allocation as compared to meagre allocations on primary and secondary levels of education, whereas the trend in Provincial budgets is conversely tilted towards primary and secondary education. Data further indicate that the budgetary allocation to education has remained static

around 2.0 percent of GDP for more than a decade. Provinces need to gear up resource generation over and above the share received from the Federal Divisible Pool under 7th NFC award. Financial data reflects that technical and vocational education is grossly neglected among all sub-sectors of education. This requires immediate attention of planners and policy makers. The calculated per student expenditure depicts that it is higher in Sindh province as compared to KPK and FATA despite less number of enrolled students. Or conversely Sindh is spending more on per student as compared to other provinces.

Way forward

On the basis of data analysis, it is recommended that Federal government may fulfill longstanding commitment to enhance share of education out of GDP to at least 4% or Federal Education spending may be increased from present 2% to 6% annually. It is also suggested that share of Technical & Vocational Education has to be increased to ensure socio-economic development of the country. The strategies may be designed to redress the existing inequities in distribution of allocated education funding at district level to ensure focus on disadvantage groups and areas. It is also recommended that provinces may increase generation of resources over and above NFC award allocations or do not rely only on federal dole outs. There is need to develop appropriate mechanism, to identify issues/problems hampering achievement of national targets and strategies may be developed to achieve these national targets. Therefore, there is need to ensure effective coordination between various stakeholders to devise strategies for implementation of National Action Plan and Provincial Education Sector plans.

INTRODUCTION

This report was designed to collect and analyze the scanty information regarding financing in education sector. The work on it was initiated in the month of July 2015 on the direction of the Minister of state for Ministry of Federal Education and Professional Training. After compilation of this report a presentation was made in the Ministry Committee Room C Block. The honorable Minister appreciated the efforts made by AEPAM team for the preparation this report. However, he further directed to share this report with INGOs, NGO and representatives of Civil Society Organizations. Subsequently a meeting was arranged on January 7, 2016 in AEPAM Auditorium Islamabad. A wide spectrum of INGOs, NGO, Representatives of Civil Society Organizations, and Representatives of Sub-ordinates offices of the Ministry of Federal Education and Professional Training and all other stakeholders attended the meeting. List of participants is at (*Annex-I*).

In the said meeting participants took active part in the discussion session and finally they suggested the following recommendations to be included in the report.

- i) It was suggested by the forum that PSLM Survey unit cost (per child) expenditure may be included in the report.
- ii) One of the participant suggested that detail of Recurring Budget may be given in the report. As huge amount of budget around (85%) is spent on salary whereas small amount is left for non-salary budget.
- iii) It is also suggested that a Proforma (FMIS) may be developed for financial data collection on annually basis from concerned departments.
- iv) It was further suggested that Education Accounts in Pakistan may be introduced that will provide flow of funds from start to end.

The aforementioned suggestions are to be considered in the next report which will also be developed in 2016. Research team also decided to work on other various dimensions of financial aspects in education sector.

Education is recognized and guaranteed as a basic human right by the state under UNO charter. The successive governments in Pakistan invested in education for a number of reasons i.e. to generate human capital and fuel economic growth, insure against imperfections of the market that may result in under-investment at the individual level, human rights, promotion of good citizenship and strengthen equality of opportunity. In addition acquiring education is linked to reduction in incidence of poverty as it imparts skills and generates income-earning ability. Therefore, provision and financing of education has remained the primary responsibility of the state in Pakistan. Historically, in Pakistan, the state's commitment to social service delivery - education in particular- has often competed with (and lost out against) heavy debt repayments, large and ever-expanding defense budgets and unproductive expenditures on running an oversized government.

There are certain limitations of data availability and consistency that are recognized at the outset to limit the analysis to some degree. Collecting consistent data on financing and outcomes (across reported sources as well as over time) has ever been a challenge. Pakistan is a country with low per capita income levels. Adult literacy rate at present is 58% which does not indicate satisfactory situation regarding Pakistan's international commitments i.e. EFA and MDGs. Data indicate that around 6.1 million children are still out of school majority of which is of female gender. The public sector in the country is the major service provider in education sector, still suffers from low resource allocation.

Public spending on education in Pakistan has remained around 2% of GDP for the last two decade. This figure is low by regional standards and far below the target set to ensure achievement of universal access to primary education and quality education at all levels. Pakistan is compelled by its constitutional commitments and commitments to international agreements to ensure a minimum level of funding and to undertake policy reform. Implicitly, the state and levels of education financing affect the level of achievement of outcome targets. Under-financing of the education sector and low allocations are the most prevalent criticism and oft-cited reason for slow progress towards EFA goals.

Key messages on Domestic Finance in Education

- The Government of Pakistan has increased its overall spending on education in recent years. However, resource allocations to education as a proportion of GDP 2% which is far below the government's target of 4%. To achieve this target, there is an urgent need to increase budgetary resources for educational development.
- Within provinces, more needs to be done to ensure judicious use, distribution and allocation of resources to overcome inequities in education. This requires planning and budgeting that is sensitive to diverse needs across districts and schools.
- The allocation for higher education as compared to primary and secondary and technical and vocational education is considerably low which needs due attention of the provincial and regional governments for increase.
- The allocation for recurring budget major portion of which is salary component is almost 85% of the total allocated education budgets at federal as well as at provincial/regional level while rest 15% is for development. This needs attention of planners and policy makers for appropriately enhancing the budgetary allocations for development budget.

Pakistan's education system represents a distinct division as there are parallel streams of primary, elementary, secondary and tertiary education. The system is further divided as public and private sector, in addition to non-formal and Madrassah stream that caters for the poorest of the poor mostly focusing on religious education. Detail of educational institutions is given in the following table.

OVERVIEW OF EDUCATIONAL INSTITUTIONS (2013-14)

		Province/Region								
		Balochistan	KP	Punjab	Sindh	GB	ICT	FATA	AJK	PAKISTAN
Public	Male	9027	17726	26064	38336	837	183	3149	3316	98638
	Female	3506	10233	26621	8094	334	165	2383	2586	53822
Private	Male	100	422	2733	261	29	09	186	30	3770
	Female	41	205	3426	397	66	12	09	56	4212
	Mixed	802	5268	39089	9934	358	533	174	1949	58107
NEF/BECS (Non-formal)		607	1380	5614	1674	1425	248	872	203	12023
Deeni Madaris	Male	227	1292	2187	539	45	20	142	165	4617
	Female	28	506	1160	150	06	09	71	166	2096
	Mixed	471	1038	2541	1329	42	17	316	938	6692
TOTAL		14809	38070	109435	60714	3142	1196	7302	9409	243937

Note: Public sector enrolments include students in NCHD- supported feeder schools.

Source: Pakistan Education Statistics, 2013-14, AEPAM

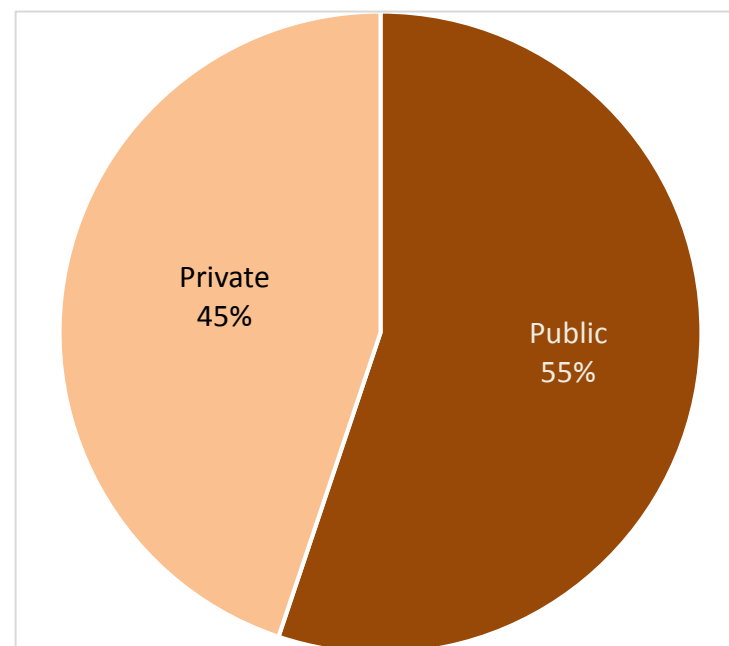
FINANCING IN EDUCATION

Pakistan's education estimated funding of Rs 1189 billion relies on both the public as well as private sector, with the former contributing 55% and the latter 45%.

Rs. in Billion

Sector	Budget (Expenditure)		
	2012-13	2013-14	2014-15
A) Public Sector	500.618	539.251	655.546
Federal Government	92.478	109.810	122.016
Provincial Government	408.140	429.441	533.530
B) Private Sector *	533.310	533.310	533.310
Total (A+B)	1,033.928	1,071.561	1,188.856

**Estimated from NEMIS data 2013-2014
Source: Pakistan Economic Survey 2014-15*



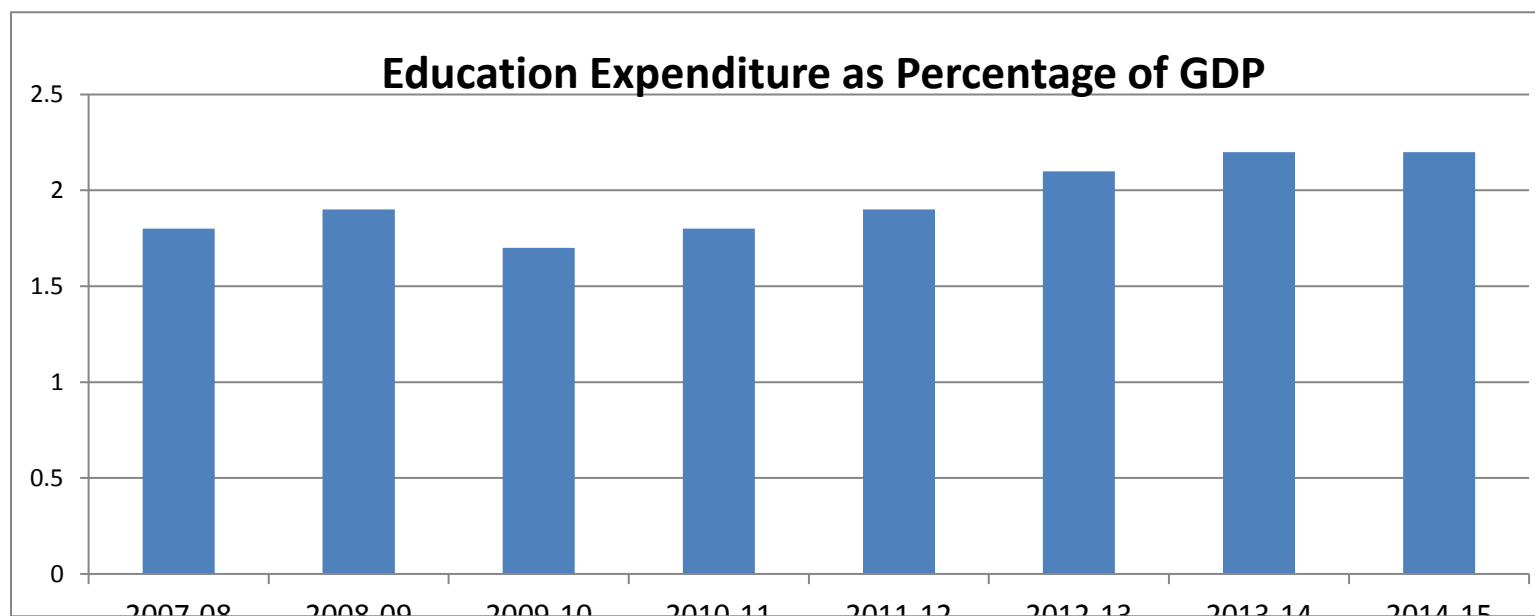
EDUCATION EXPENDITURE AS PERCENTAGE OF GDP 2007-08 TO 2014-15

Pakistan's education expenditure as percentage of GDP has varied between 1.7% and 2.2% during 2007-2008 to 2014-15.
Education Expenditure as % of GDP

Table 1

2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
1.8	1.9	1.7	1.8	1.9	2.1	2.2	2.2

Source: i) Pakistan Education for All Review Report 2015
ii) Pakistan Economic Survey, 2014-15



The data indicate that there has been a gradual increase in education financing in terms of GDP share. The above table depicts that percentage of GDP allocation of education sector in 2007-2008 was 1.8% which increased upto 2.2% in 2014-15.

Table 2**Federal Education Budget****Rs. in Billion**

Budget		2012-13		2013-14		2014-15		2015-16		Increase from 2012-13 to 2015-16 (%)	
		Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure
A	Current	47.873	56.952	59.277	66.206	63.221	64.519	75.580	58	13	
B	Development	17.376	13.190	21.121	20.510	21.106	29.557	23.400	35	124	
Total (A+B)		65.250	70.142	80.398	86.716	84.328	94.070	98.980	52	34	

- Source:**
- i) *Public Financing of Education in Pakistan 2014 (I-SAPS), Islamabad*
 - ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure*
 - iii) *Concerned Education Departments*

The data includes the commulative figure of federal budgeting and expenditure either directly made by federal ministries like Ministry of Federal Education and Professional Training, Capital Administration and Development Division and others and the spending of FATA, GB and AJK governments financed by federal government. The data shows an increase of 52% in allocation and 34% in expenditure. There is a need to analyse the reasons for low expenditure as compared to the allocation. This may involve significant of release processes as well as capacity building of the respective institutions/organizations and departments.

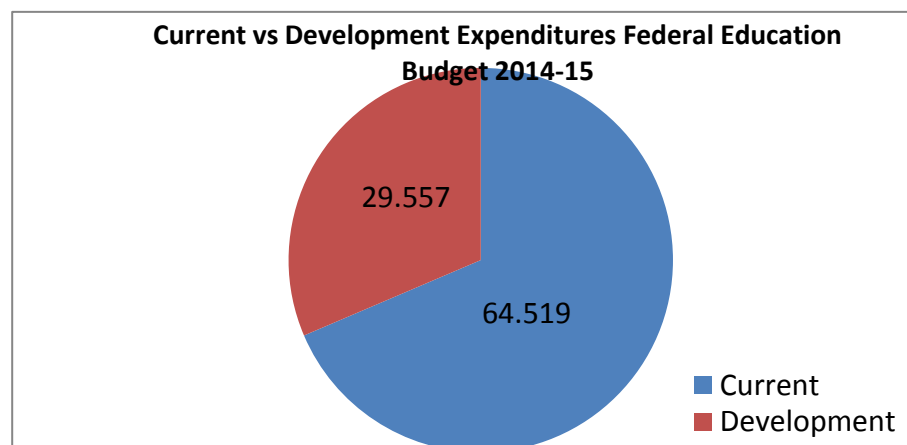


Table 3**Federal Financing on Education****Rs. in Billion**

Budget	2012-13		2013-14		2014-15		2015-16	Increase from 2012-13 to 2015-16 (%)	
	Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure	Allocation	Allocation	Expenditure
M/o Federal Education and Professional Training including Higher Education Commission	52.502	56.292	63.193	66.033	67.525	74.551	75.058	43	32
Other Federal Ministries Financing on Education	18.016	18.546	22.888	22.627	24.77	24.217	29.323	63	31
Gilgit Baltistan and AJK	17.00	17.64	20.62	21.150	23.185	23.248	25.888	52	32
Total Federal Financing on Education	87.518	92.478	106.701	109.81	115.48	122.016	130.269	49	32

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS), Islamabad*
ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure*
iii) *Concerned Education Departments*

The Federal budget include budget of Ministry of Federal Education and Professional Training, other Ministries' spending on Education, FATA, Gilgit Baltistan and AJK Budget being funded by Federal Government. This shows an increase both in allocations (49%) and expenditure (32%). The gap between allocation and expenditure is on the pattern of national scenario i.e 2% of GDP, this requires due attention of relevant authorities.

Table 4

**Budget of Ministry of Federal Education and
Professional Training, Higher Education Commission and NAVTTC**

Rs. in Billion

Budget		2012-13		2013-14		2014-15		2015-16	Increase/decrease from 2012-13 to 2015-16 (%)	
		Allocation	Exp.	Allocation	Exp.	Allocation	Exp.	Allocation	Allocation	Exp.
Ministry of Federal Education and Professional Training										
A	Current	0.773	1.055	1.016	1.070	0.910	1.344	1.178	52	27
B	Development	2.651	2.636	5.045	3.030	3.290	1.845	2.207	-17	-30
Higher Education Commission										
Current		32.755	36.278	39.000	43.118	43.000	43.050	51.000	56	19
Development		15.800	15.800	18.490	18.490	20.000	27.809	20.000	27	76
NAVTTC										
Current		0.223	0.223	0.170	0.170	0.165	0.258	0.324	45	16
Development		0.300	0.300	0.192	0.155	0.160	0.245	0.349	16	-18
Total		52.502	56.292	63.913	66.033	67.525	74.551	75.058	43	32

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS)*, Islamabad

ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure*

iii) *Concerned Education Departments*

The pattern of increase in allocation of budget and actual expenditure is almost the same however the gap between allocation and expenditure is an decrease which is positive and shows efforts made by the Ministry and institutions/organizations under it. This trend needs to be continued to ensure 100% utilization of the budgetary allocations every year.

Table 5**Other Federal Ministries Financing on Education****Rs. in Billion**

Name of Ministry	2012-13		2013-14		2014-15		2015-16	Increase/decrease from 2012-13 to 2015-16 (%)	
	Allocation	Exp.	Allocation	Exp.	Allocation	Exp.	Allocation	Allocation	Exp.
CAD Division	4.250	4.072	7.402	6.725	8.127	7.643	9.351	120	88
Ministry of Religious Affairs									
i) Grants of Model Deeni Madaris	0.036	0.036	0.046	0.046	0.050	0.050	0.053	47	39
i) Madaris Reforms (Teaching of formal subjects in Deeni Madaris)	0.039	0.039	0.038	0.037	0.040	0.040	0.040	3	3
Ministry of Science & Technology									
i) NUST, Islamabad	1.512	1.512	1.562	1.490	1.703	1.703	2.146	42	13
ii) COMSATS, Islamabad	0.008	0.009	0.050	0.050	0.100	0.100	0.100	1150	1011
iii) National Institute of Electronics	0.094	0.094	0.104	0.095	0.096	0.096	0.112	19	2
iv) iv) Development Budget	0.033	0.035	0.005	0.005	0.020	0.020	0.020	-39	-43
Ministry of Defence FGEI (Cantt & Garrison)	2.893	03.574	3.823	4.012	4.136	4.136	4.875	69	16
Cabinet Division	0.048	0.039	0.067	0.063	0.786	0.787	0.857	1685	1918

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Rs. in Billion

Name of Ministry	2012-13		2013-14		2014-15		2015-16	Increase from 2013-14 to 2015-16 (%)	
	Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure	Allocation	Allocation	Exp.
Ministry of Economic Affairs and Statistics	0.199	0.198	0.105	-	-	-	-	-	-
M/o Information, Broadcasting and National Heritage	0.127	0.144	0.148	0.019	0.022	0.022	0.129	2	-85
Ministry of Inter Provincial Coordination	0.210	0.216	0.590	1.141	0.105	0.217	0.109	-48	1
Ministry of States and Frontier Regions	7.192	7.192	7.964	7.983	8.484	8.484	10.209	42	18
Establishment Division	0.456	0.450	0.139	0.138	0.142	-	-	-	-
Ministry of Foreign Affairs	0.063	0.094	0.064	0.055	0.010	0.010	0.011	-82	-89
Ministry of Overseas	0.80	0.780	0.717	0.701	0.879	0.757	1.151	44	-3
Ministry of Water and Power	0.042	0.046	0.047	0.049	0.051	0.050	0.058	38	9
Ministry of Railways	0.014	0.016	0.017	0.018	0.019	0.102	0.102	629	538
Grand Total	18.016	18.546	22.888	22.627	24.77	24.217	29.323	63	31

Source: Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure

An increasing trend is visible from the data both in allocation and expenditure however the gap between expenditure and allocation as a whole is quite wide. The federal government as a whole may look into the situation and take steps for 100% utilization of budgetary allocation on education.

Table 6**Level Wise Federal Education Budget**

Rs. in Billion

Level	2012-13		2013-14		2014-15		2015-16 Allocation
	Allocation	Exp.	Allocation	Exp.	Allocation	Exp.	
Primary Education	4.70 (7%)	6.33 (9%)	5.83 (7%)	7.18 (6%)	6.33 (8%)	6.035 (6%)	7.24 (7%)
Secondary Education	5.63 (8.62%)	7.63 (11%)	7.43 (9%)	8.61 (10%)	8.13 (10%)	8.00 (8%)	9.28 (9%)
Tertiary Education	51.62 (79%)	52.71 (75%)	61.88 (77%)	65.97 (76%)	67.76 (80%)	75.78 (80%)	77.40 (78%)
Federal (NAVTTC & PM Special Initiative for Hunarmand Pakistan Program)	0.998 (1.52%)	0.998 (1.52%)	0.712 (0.9%)	0.675 (0.8%)	0.671 (0.8%)	0.759 (0.8%)	1.02 (1%)
Others*	2.302 (3.52%)	2.474 (3.5%)	4.53 (6%)	4.27 (5%)	1.43 (2%)	3.50 (3%)	4.04 (5%)
Total	65.250	70.142	80.390	86.710	84.320	94.070	98.980

* Salary and benefit of secretariat employees, POL and utility charges, etc.

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS)*, Islamabad
 ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II*
Current Expenditure and Vol-III Development Expenditure
 iii) *Budget Book 2015-16*

Note: (i) Federal budget include budget of Ministry of Federal Education and Professional Training, other Ministries spending on Education and FATA.
 (ii) Gilgit Baltistan and AJK Budget are partially funded by Federal Government.

The figures show that a huge disparity exists in allocation of resources between basic education, tertiary education and technical and vocational education. This needs to be considered at appropriate level and steps be taken to remove the disparity particularly in respect of technical and vocational education.

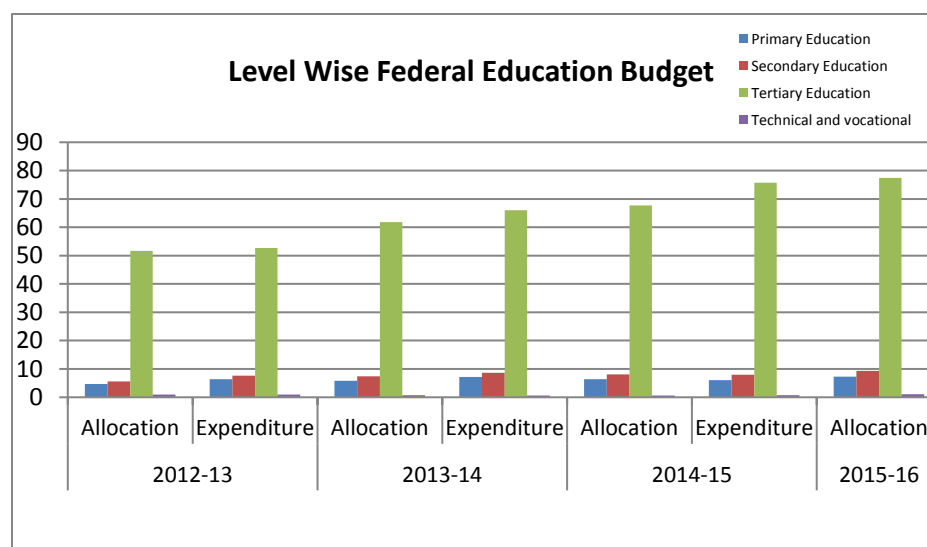


Table 7**Provincial/Regional Education Budget Allocations****Rs. In Billion**

Province/ Region	2012-13		2013-14		2014-15		2015-16	Increase from 2012-13 to 2015-16 (%)	
	Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure	Allocation	Allocation	Expenditure
Provincial Budgets	432.536	408.14	499.417	429.441	551.715	533.530	637.662	47	31
Regional Budgets	28.442	28.554	35.986	35.858	39.796	39.375	45.448	60	38
Total:	460.978	436.694	535.403	465.299	591.511	572.905	683.110	48	31

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS), Islamabad*
ii) *Concerned Education Departments*

The pattern of increase in education budget at province/region level is similar to that of federal government. Gap in utilization at provincial/regional level is also these which require attention of relevant authorities.

Table 8**Provincial Education Budget Allocations and Expenditures**

Rs. in Billion

Provinces		2012-13		2013-14		2014-15		2015-16	Increase/decrease from 2012-13 to 2015-16 (%)	
		Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure	Allocation	Allocation	Expenditure
Punjab	Current	185.546	186.763	200.110	182.113	221.039	241.260	264.093	42	29
	Dev.	35.026	9.323	32.456	28.933	38.589	42.120	46.107	32	352
	Total	220.575	196.086	232.566	211.107	259.629	283.380	310.200	41	45
Sindh	Current	97.297	92.697	118.665	98.199	134.462	109.054	144.783	49	18
	Dev.	12.000	5.728	16.885	5.529	11.800	6.526	10.000	-17	14
	Total	109.297	98.425	135.546	103.709	146.270	115.581	154.783	42	17
Khyber Pakhtunkhwa	Current	55.992	65.856	66.608	65.707	80.729	77.088	97.542	74	17
	Dev.	22.152	18.602	29.798	14.967	26.106	25.373	22.178	0	36
	Total	78.145	84.458	96.407	80.675	106.835	102.462	119.720	53	21
Balochistan	Current	22.457	26.601	24.743	28.643	39.773	27.835	38.325	71	5
	Dev.	2.061	2.570	10.154	5.306	5.992	4.299	14.032	581	67
	Total	24.519	29.171	34.898	33.950	35.766	32.107	52.959	116	10
Total	Current	361.294	371.917	410.122	394.702	466.015	455.717	544.745	51	23
	Dev.	71.242	36.233	89.295	54.739	82.487	78.313	92.917	30	116
	Total	432.536	408.14	499.417	429.441	548.500	533.530	637.662	47	31

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS)*, Islamabad
ii) *Concerned Provincial Education Departments*

This table shows budgetary allocation of four major federal units Punjab, Sindh, Khyber Pakhtunkhwa and Balochistan. A trend of increase is visible in allocations however on expenditure side there is a need to pay attention for 100% utilization.

Provincial Education Budget Allocations and Expenditures

- Punjab
- Sindh
- Khyber Pakhtunkhwa
- Balochistan

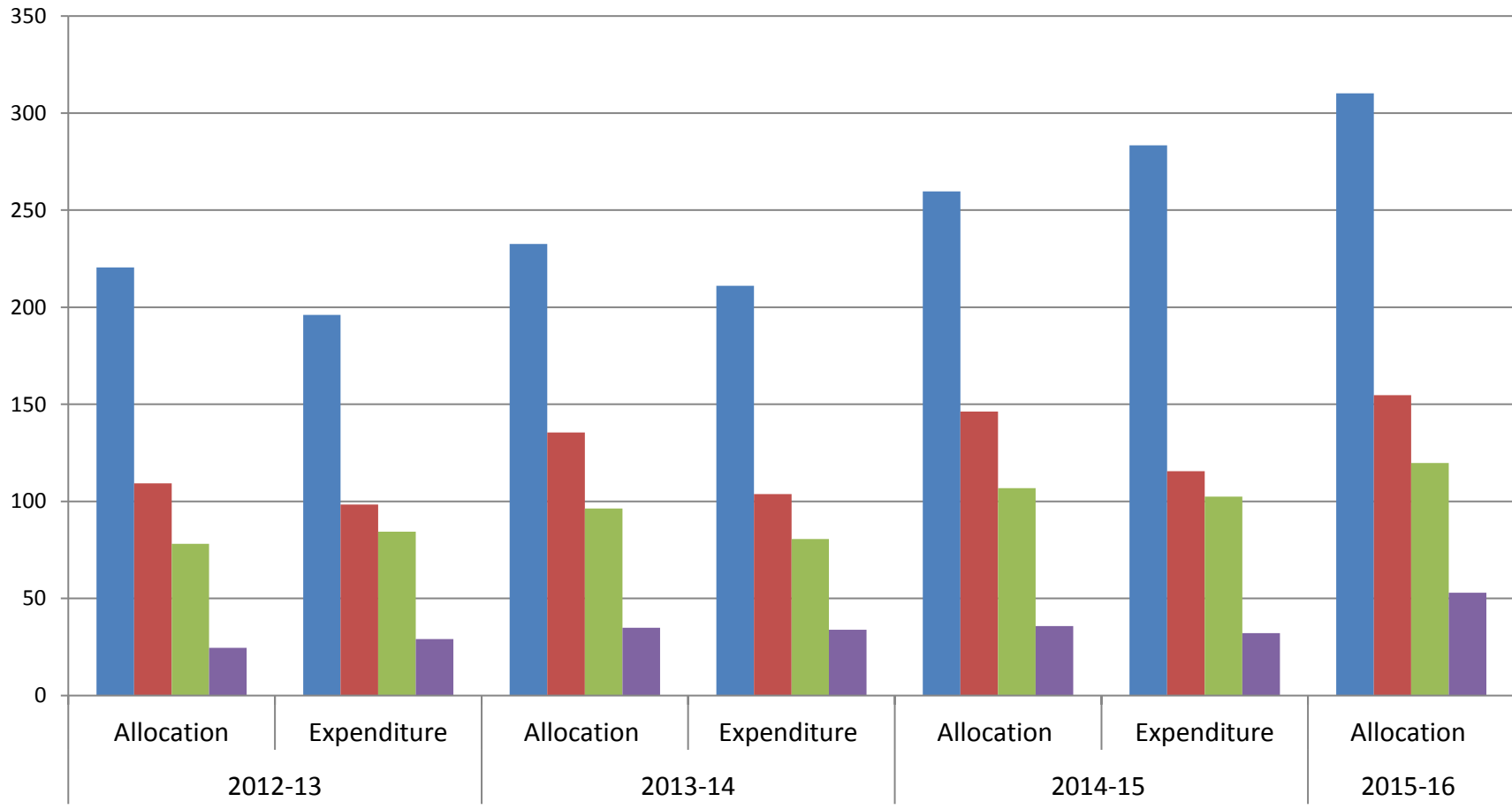


Table 9**Regional Current and Development Education Budget Allocations and Expenditures**

Budget	2012-13		2013-14		2014-15		2015-16	Increase from 2012-13 to 2015-16 (%)	
	Alloc	Exp	Alloc	Exp	Alloc	Exp	Alloc	Alloc	Exp
Current	27.378	27.900	35.555	33.820	37.911	38.034	41.982	53	36
Development	1.064	0.654	0.431	2.038	1.885	1.341	3.466	226	105
Total	28.442	28.554	35.986	35.858	39.796	39.375	45.448	60	38

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS)*, Islamabad
ii) *Concerned Provincial Education Departments*

Table 10**Regional Education Budget Allocations and Expenditures**

Rs. in Billion

Provinces		2012-13		2013-14		2014-15		2015-16	Increase/decrease from 2012-13 to 2015-16 (%)	
		Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure	Allocation	Allocation	Expenditure
Gilgit Baltistan	Current	3.849	3.889	4.333	3.929	5.007	5.011	5.234	36	29
	Dev.	0.251	0.251	0.087	0.521	0.326	0.323	1.352	439	29
	Total	4.10	4.14	4.420	4.450	5.333	5.334	6.586	61	29
Azad Jammu & Kashmir	Current	12.200	12.000	15.878	15.415	17.042	17.159	18.197	49	43
	Dev.	0.700	0.262	0.322	1.285	0.810	0.755	0.105	-85	188
	Total	12.90	13.15	16.200	16.700	17.852	17.914	19.302	50	36
FATA	Current	7.192	7.192	7.964	7.983	8.484	8.484	10.209	42	18
	Dev.	Nil								
	Total	7.192	7.192	7.964	7.983	8.484	8.484	10.209	42	18
ICT	Current	4.137	3.931	7.380	6.493	7.378	7.380	8.342	102	88
	Dev.	0.113	0.141	0.222	0.232	0.749	0.263	1.009	793	87
	Total	4.250	4.072	7.402	6.725	8.127	7.643	9.351	120	88
Total	Current	27.378	27.900	35.555	33.820	37.911	38.034	41.982	53	36
	Dev.	1.064	0.654	0.431	2.038	1.885	1.341	3.466	226	105
	Total	28.442	28.554	35.986	35.858	39.796	39.375	45.448	60	38

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS)*, Islamabad
ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure*
iii) *Concerned Regional Education Departments*

The Table shows that at regional level increase in budget allocation for education on the pattern of provincial and federal level is visible.

Regional Education Budget Allocations and Expenditures

- Gilgit Baltistan
- Azad Jammu & Kashmir
- FATA
- ICT

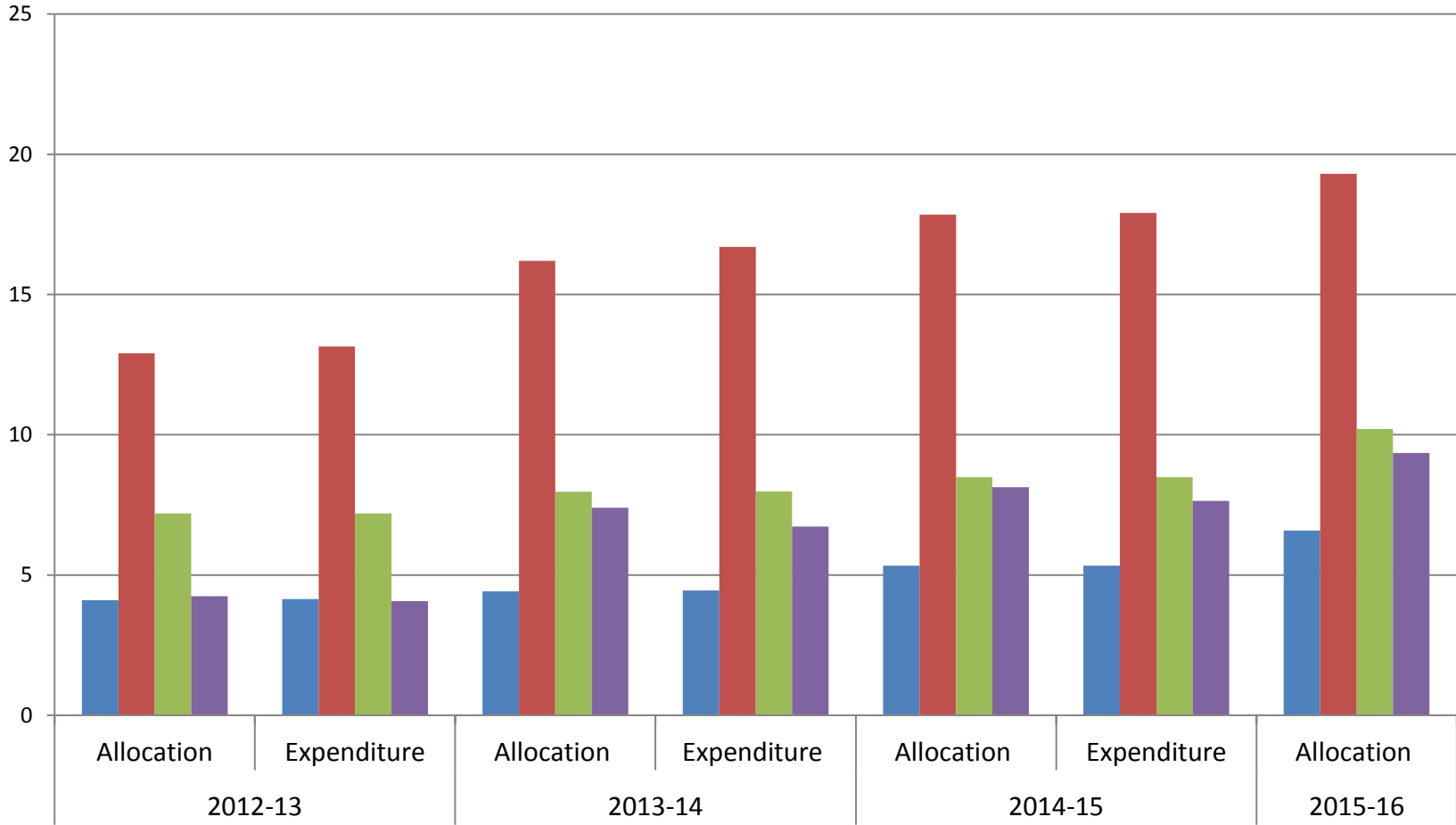


Table 11**Regional Education Budget Allocations and Expenditures**

Provinces		2012-13		2013-14		2014-15		2015-16	Increase/decrease from 2012-13 to 2015-16 (%)	
		Alloc.	Exp.	Alloc.	Exp.	Alloc.	Exp.	Alloc.	Alloc.	Exp.
Gilgit Baltistan	Current	3.849	3.889	4.333	3.929	5.007	5.011	5.234	36	29
	Dev.	0.251	0.251	0.087	0.521	0.326	0.323	1.352	439	29
	Total	4.100	4.140	4.420	4.450	5.333	5.334	6.586	61	29
Azad Jammu & Kashmir	Current	12.200	12.000	15.878	15.415	17.042	17.159	18.197	49	43
	Dev.	0.700	0.262	0.322	1.285	0.810	0.755	0.105	-85	188
	Total	12.90	13.15	16.200	16.700	17.852	17.914	19.302	50	36
FATA	Current	7.192	7.192	7.964	7.983	8.484	8.484	10.209	42	18
	Dev.	Nil								
	Total	7.192	7.192	7.964	7.983	8.484	8.484	10.209	42	18
ICT	Current	4.137	3.931	7.380	6.493	7.378	7.380	8.342	102	88
	Dev.	0.113	0.141	0.222	0.232	0.749	0.263	1.009	793	87
	Total	4.250	4.072	7.402	6.725	8.127	7.643	9.351	120	88
Total	Current	27.378	27.900	35.555	33.820	37.911	38.034	41.982	53	36
	Dev.	1.064	0.654	0.431	2.038	1.885	1.341	3.466	226	105
	Total	28.442	28.554	35.986	35.858	39.796	39.375	45.448	60	38

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS), Islamabad*
ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure*
iii) *Concerned Regional Education Departments*

Table 12**Per Student Expenditure on Education**

Federal/ Provinces	2012-2013			2013-2014		
	Enrollment	Expenditure (Rs. in Billion)	Per Student Cost/Year (Rs.)	Enrollment	Expenditure (Rs. in Billion)	Per Student Cost/Year (Rs.)
Punjab	11109679	196.086	17650	10679496	211.107	19768
Sindh	4628940	98.425	21263	4399850	103.709	23571
Khyber Pakhtunkhwa	4564602	84.458	18503	4721815	80.675	17086
Balochistan	1103982	29.171	26423	1115477	33.95	30435
AJK	563359	13.15	23342	560040	16.7	29819
Gilgit Baltistan	145468	4.14	28460	148224	4.45	30022
FATA	599126	7.192	12004	604559	7.983	13205
ICT	200322	4.072	20327	207519	6.725	32407
Total	22915478	436.694	167973	22436980	465.299	196312
National (mean)						24539

Source: i) Pakistan Education Statistics 2012-2013 & 2013-2014
ii) Provincial/Regional Education Departments.

Per student cost is visible increasing in all provinces areas. However, there is a need to study the impact of this increase on overall quality of student's achievement.

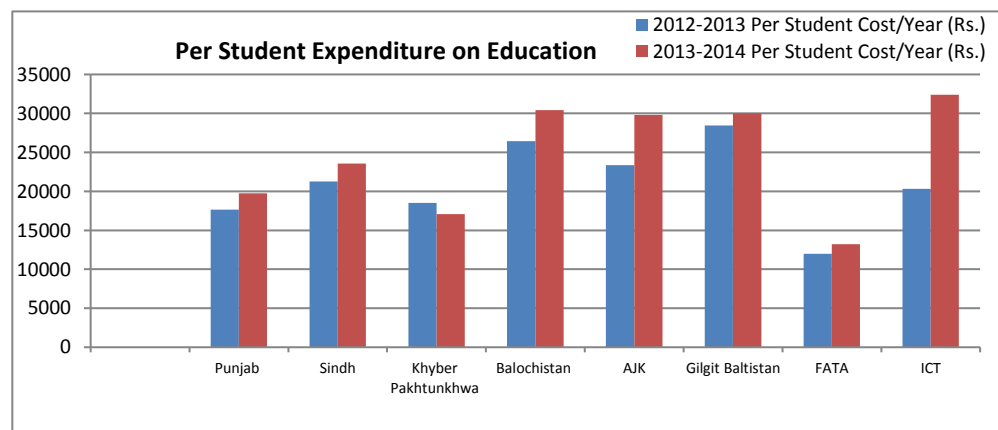


Table 13**Utilization of Education Budget**

Rs. in Billion

Provinces	2012-13		2013-14		2014-15		Percentage of Budget utilization		
	Allocation	Utilization	Allocation	Utilization	Allocation	Utilization	2012-13	2013-14	2014-15
Federal	65.250	70.142	80.398	86.716	84.328	94.070	107	108	112
Punjab	220.575	196.086	232.566	211.107	259.629	283.380	89	91	109
Sindh	109.297	98.425	135.546	103.709	146.270	115.581	90	77	79
Khyber Pakhtunkhwa	78.145	84.458	96.407	80.675	106.835	102.462	108	84	96
Balochistan	24.519	29.171	34.898	33.950	35.766	32.107	119	97	90
Total:	497.786	478.282	579.815	516.157	632.828	627.6	96	89	99

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS), Islamabad*
ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure*
iii) *Concerned Provincial Education Departments*

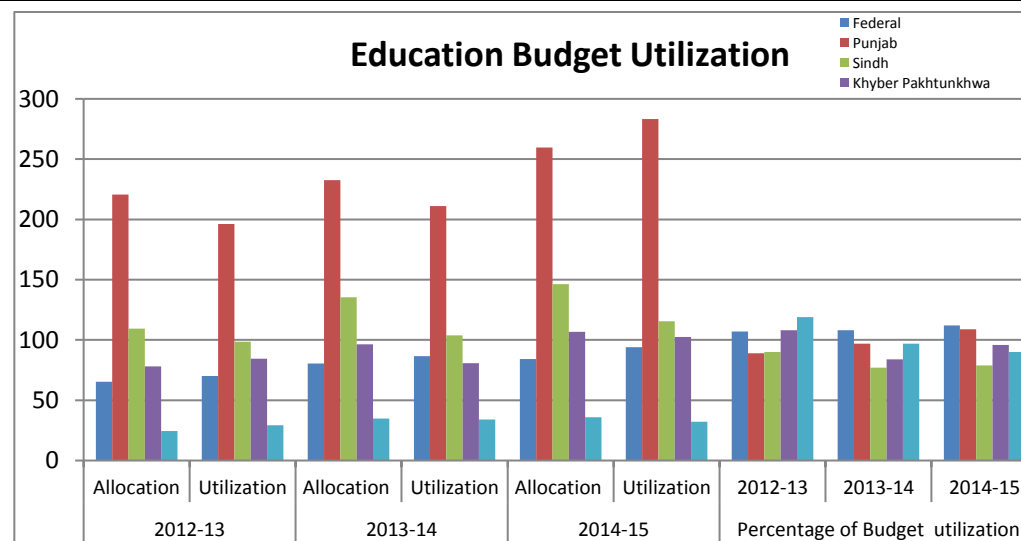


Table 14**Increase in Budget Allocations from 2012-13 to 2015-16****Rs. In billion**

Budget	Total Budget					Education Budget				
	2012-13	2013-14	2014-15	2015-16	Percentage (%) Increase in Total Budget from 2012-13 to 2015-16	2012-13	2013-14	2014-15	2015-16	Percentage (%) Increase in Education Budget from 2012-13 to 2015-16
Federal	3441.01	3,985.00	4,301.75	4,451.30	29	65.250	80.39	84.33	98.980	52
Punjab	690.88	897.56	1,095.12	1,447.24	109	220.515	232.56	259.62	310.200	41
Sindh	404.25	585.91	686.18	739.00	83	109.297	135.54	149.48	154.784	42
Khyber Pakhtunkhwa	248.08	329.00	404.80	487.00	96	78.145	96.41	106.84	119.720	53
Balochistan	183.35	198.40	215.72	243.00	33	24.519	34.89	40.67	52.959	116
Total	4816.30	5,995.87	6,703.57	7367.54	53	497.78	579.80	640.94	735.542	48

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS), Islamabad*
ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure*
iii) *Concerned Provincial Education Departments*

Quite handsome increase has been shown in this table in education which is gradually growing which is positive. This needs to be seen in the context of students learning achievement.

Table 15**Financing on Education as Proportion of Total Budget Allocation**

Rs. in Billion

Budget	Total Budget				Education Budget				Share of Education (%)			
	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16
Federal	3441.01	3,985.00	4,301.75	4,451.30	65.250	80.39	84.33	98.980	2	2	2	2
Punjab	690.88	897.56	1,095.12	1,447.24	220.515	232.56	259.62	310.200	32	26	24	22
Sindh	404.25	585.91	686.18	739.00	109.297	135.54	149.48	154.783	27	23	22	21
Khyber Pakhtunkhwa	248.08	329.00	404.80	487.00	78.145	96.41	106.84	119.720	31	29	26	25
Balochistan	183.35	198.40	215.72	243.00	24.519	34.89	40.67	52.959	13	18	19	22
Total	4816.30	5,995.87	6,703.57	7367.54	497.78	579.80	640.94	735.542	10	10	10	10

- Source:** i) *Public Financing of Education in Pakistan 2014 (I-SAPS), Islamabad*
ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure*
iii) *Concerned Provincial Education Departments*

Distribution of Pakistan's Education Finance 2014-15

All provinces have earmarked significant portion of their total provincial budget for education. The highest proportion of provincial outlay has been recorded for KPK (26%), Punjab (24%), Sindh (22%) and Balochistan (19%). During 2013-14 the lowest utilization of education budget was recorded i.e. Sindh (77%), KPK (84%), Punjab (91%) and Balochistan (97%).

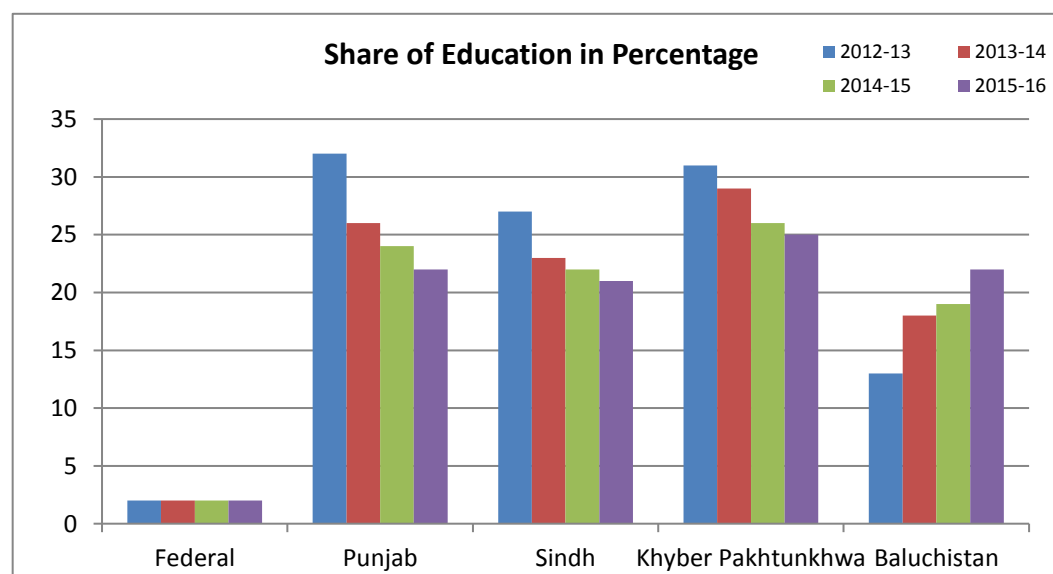


Table 16**Sub-Sector wise share of the total education Budgets****Rs. in Billion**

Federal/ Provinces	Share of Primary Education out of Total Education Budget						
	2012-13		2013-2014		2014-15		2015-16
	Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure	Allocation
Federal	4.700 (7%)	6.377 (9%)	5.832 (7.25%)	7.189 (6%)	6.334 (7.51%)	6.035 (6.45%)	7.240 (7%)
Punjab	94.995 (43%)	90.272 (46%)	98.962 (42%)	92.188 (43%)	108.579 (41%)	112 (39%)	116 (37%)
Sindh	44.223 (40%)	45.744 (46%)	52.810 (38.96%)	48.995 (47%)	57.637 (38.55%)	47.380 (41%)	55.720 (36%)
Khyber Pakhtunkhwa	22.569 (29%)	30.379 (36%)	45.136 (46.81%)	36.154 (44%)	35.974 (33.67%)	32.060 (33%)	48 (40%)
Balochistan	5.313 (22%)	8.87 (30%)	7.809 (22.37%)	9.425 (27%)	9.851 (24.22%)	9.630 (30%)	17.470 (33%)
Total	171.8 (40%)	181.643 (44%)	210.549 (36%)	193.951 (37%)	218.375 (34%)	210.105 (33%)	246.300 (33%)

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS), Islamabad*
ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure*
iii) *Concerned Provincial Education Departments*

The increase in primary budget by provinces is quite high and is a step in right direction. This will help in achieving the targets of UPE, EFA and MDGs. This however for 2014-15 (34%) is less than 2012-13 (40%)

Share of Primary Education out of Total Education Budget

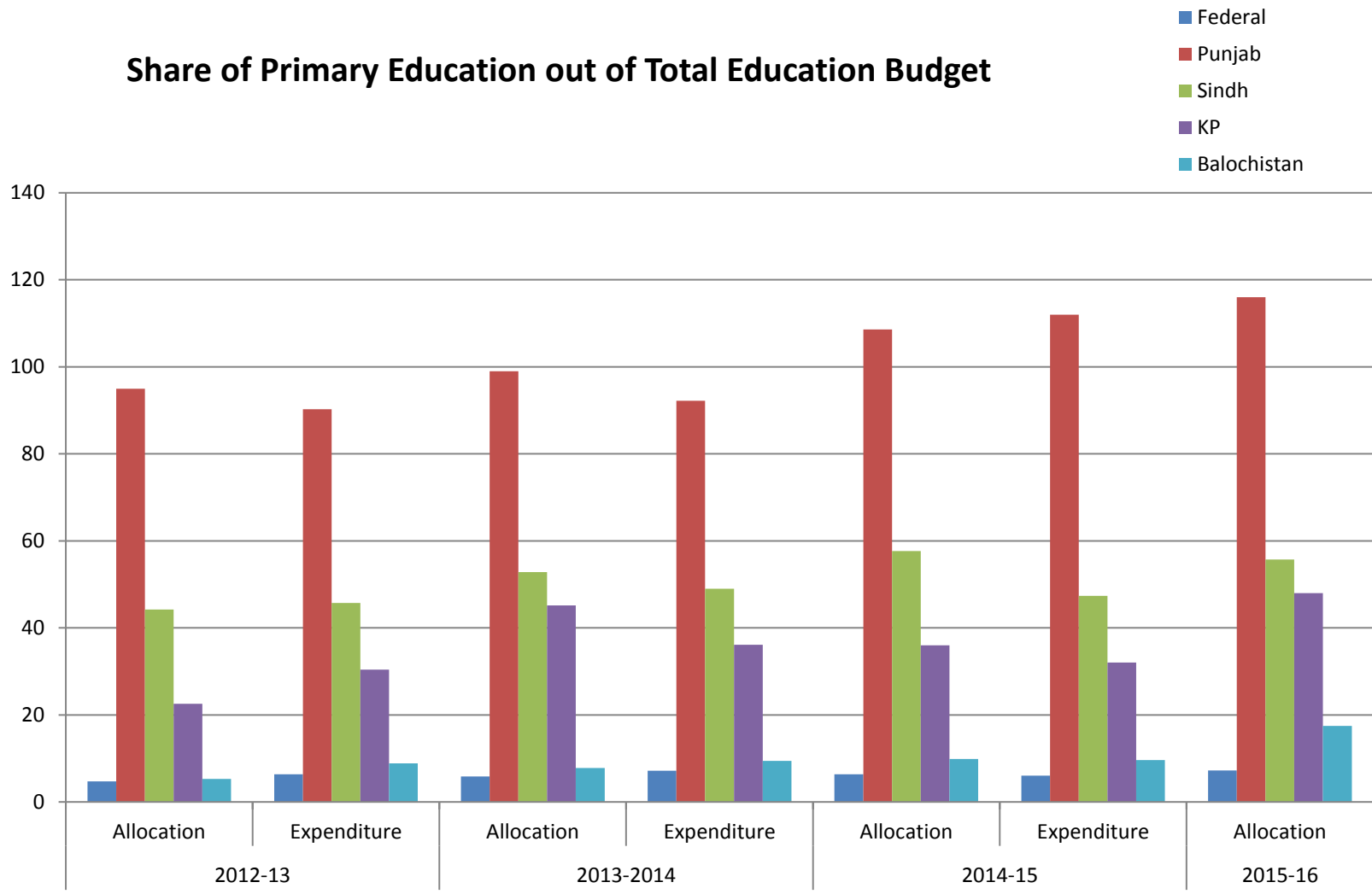


Table 17**Share of Secondary Education out of Total Education Budget****Rs. in Billion**

Federal/ Provinces	2012-2013		2013-2014		2014-15		2015-16
	Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure	Allocation
Federal	5.632 (9%)	7.637 (11%)	7.434 (9%)	8.613 (10%)	8.130 (10%)	8.000 (8%)	9.280 (9%)
Punjab	92.029 (42%)	71.724 (37%)	99.594 (42%)	84.14 (39%)	111.321 (42%)	118.000 (41%)	139.590 (45%)
Sindh	28.654 (26%)	26.605 (27%)	39.561 (29.18%)	29.070 (28%)	42.857 (28.66%)	41.60 (36%)	65.000 (42%)
Khyber Pakhtunkhwa	28.986 (37%)	34.120 (40%)	35.899 (37.23%)	33.042 (40%)	55.648 (52.08%)	51.325 (50%)	52.000 (43%)
Balochistan	7.094 (29%)	11.670 (40%)	14.113 (40.44%)	17.092 (50%)	14.627 (35.96%)	13.160 (41%)	21.180 (40%)
Total	162.395 (38%)	151.756 (37%)	196.601 (33%)	171.957 (33%)	232.582 (36%)	232.085 (37%)	287.050 (38%)

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS), Islamabad*
ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II*
Current Expenditure and Vol-III Development Expenditure
iii) *Concerned Provincial Education Departments*

Except Balochistan provinces have remarked made increased allocations of secondary education. This seems to be a right step in meeting the constitutional objections under Article 25 A. However, in 2014-15 (36%) is less than 2012-13 (38%).

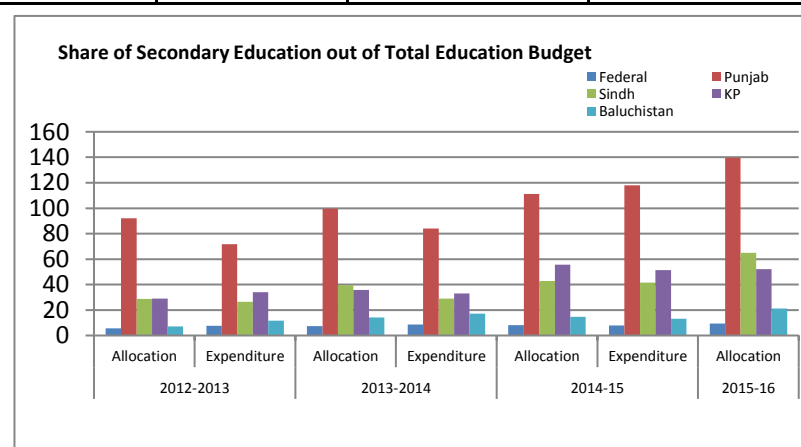


Table 18**Share of Higher Education out of Total Education Budget**

Rs. in Billion

Federal/ Provinces	2012-2013		2013-2014		2014-15		2015-16
	Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure	Allocation
Federal	51.62 (79%)	52.71 (75%)	61.88 (77%)	65.973 (76%)	67.761 (80%)	75.78 (80%)	77.400 (78%)
Punjab	25.612 (12%)	22.582 (12%)	26.189 (11%)	26.590 (12%)	31.605 (12%)	41 (14%)	40.320 (13%)
Sindh	20.327 (19%)	14.353 (15%)	21.203 (15.64%)	15.572 (15%)	20.343 (13.60%)	16.180 (14%)	21.660 (14%)
Khyber Pakhtunkhwa	10.103 (13%)	10.674 (13%)	11.777 (12.21%)	10.578 (13%)	13.224 (12.37%)	12.615 (12%)	15 (13%)
Balochistan	4.503 (18%)	4.120 (14%)	6.985 (20.01%)	4.517 (13%)	7.768 (19.10%)	6.420 (20%)	12.190 (23%)
Total	112.165 (26%)	104.435 (26%)	128.037 (22%)	123.23 (23%)	140.701 (22%)	149.215 (23%)	166.570 (22%)

Source: i) *Public Financing of Education in Pakistan 2014 (I-SAPS), Islamabad*
ii) *Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure*
iii) *Concerned Provincial Education Departments*

Federal allocation is meant for universities located in provinces. As a whole 22% increase in budget for higher education is encouraging.

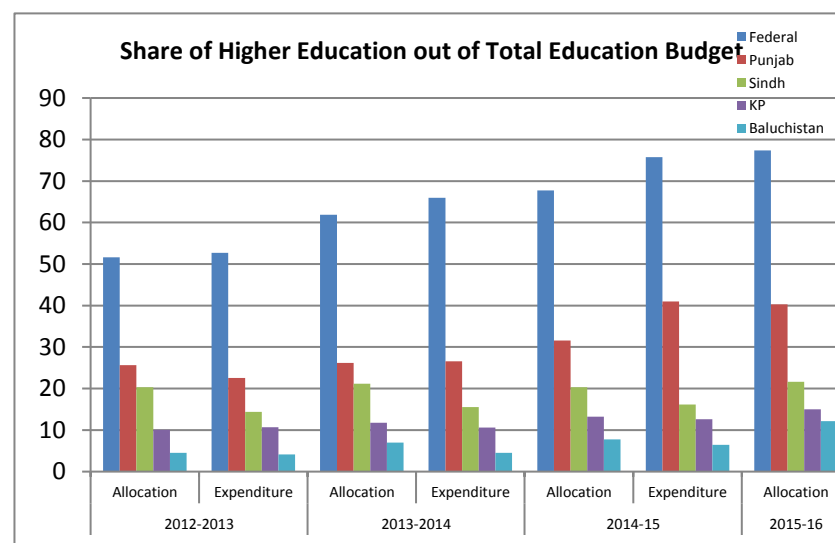


Table 19**Share of Technical & Vocational Education Budget out of Total Education Budget****Rs. in Billion**

Federal/ Provinces		2012-2013		2013-2014		2014-15		2015-16
		Allocation	Exp.	Allocation	Exp.	Allocation	Exp.	Allocation
Federal	NAV TTC	0.223	0.223	0.362	0.325	0.325	0.514	0.673
	PM Special Initiative for Hunarmand Pakistan Program	0.300	0.300	0.350	0.350	0.350	0.245	0.349
	Total	0.523 (2%)	0.523 (2%)	0.71 (0.9%)	0.67 (0.8%)	0.67 (0.8%)	0.75 (0.8%)	1.02 (1%)
Punjab	TEVTA	4.41	3.92	6.098	5.972	6.659	6.705	6.821
	Punjab Skills Development Fund (PSDF)	2.200	0.650	2.000	1.500	2.860	2.360	1.860
	Total	6.61 (3%)	4.57 (2%)	8.098 (3%)	7.472 (4%)	9.519 (4%)	9.065 (3%)	8.681 (3%)
Sindh (STEVTA)		2.18 (2%)	1.968 (2%)	3.895 (2%)	2.668 (2%)	3.587 (2%)	2.566 (2%)	4.289 (2%)
Khyber Pakhtunkhwa (TEVTA)		1.562 (2%)	1.689 (2%)	4.388 (4%)	2.263 (2.80%)	2.791 (2.61%)	4.308 (4%)	3.412 (2.84%)
Balochistan (TEVTA)		0.490 (2%)	0.583 (2%)	0.7 (2%)	0.7 (2%)	0.7 (2%)	0.6 (2%)	1.1 (2%)
Total		11.363 (3%)	9.333 (2%)	15.335 (3%)	13.125 (3%)	16.617 (3%)	15.03 (3%)	17.48 (3%)

Source: i) Federal Budget 2012-13, 2013-14, 2014-15 and 2015-16 Vol-I & II Current Expenditure and Vol-III Development Expenditure
ii) NAVTTC, Islamabad
iii) Concerned TEVTA Authorities

This seems to be a neglected area witnessing an increase of 2% during 2014-15 as compared to 34% in primary, 36% in secondary and 22% in higher education. Steps to taken to reasonably increase budgeting allocations to this sector.

Share of Technical & Vocational Education Budget out of Total Education Budget

- Federal
- Punjab
- Sindh
- KP
- Balochistan

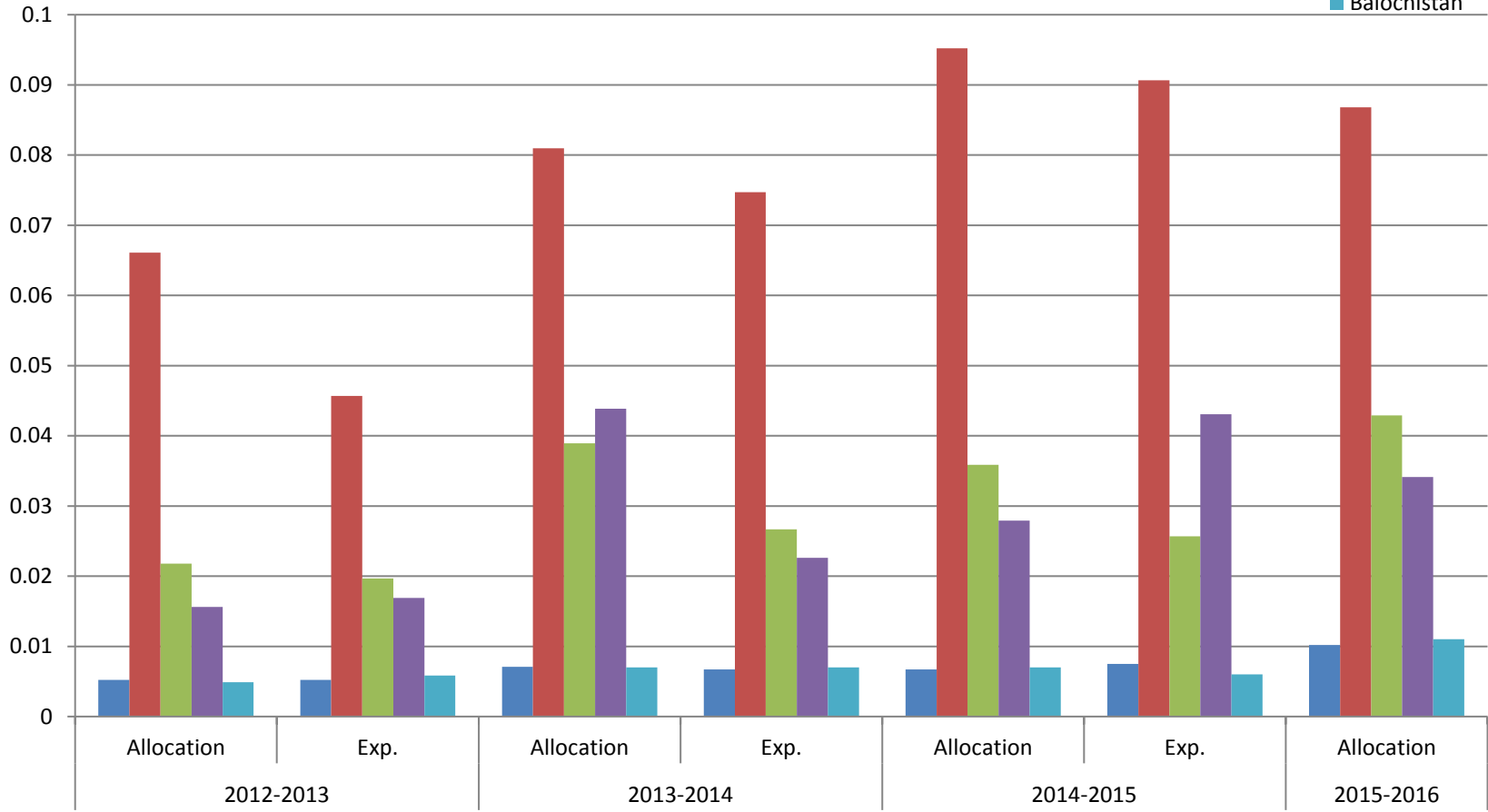


Table 20**Private Sector Expenditure in Education**

						Rs. in Billion
S#	Institutions		Category	Enrolment	Monthly Fee	Annual Fee
1	Primary*	18,043	15,337 (85%)	8,714,588	6.540	78.43
			2,346 (13%)	1,332,819	13.330	159.940
			361 (2%)	205,049	3.080	36.910
2	Middle	26,282	22,340 (85%)	1,850,097	1.390	16.650
			3,417 (13%)	282,956	2.830	33.950
			526 (2%)	43,532	0.650	7.840
3	Secondary	18,237	15,501 (85%)	799,840	0.600	7.200
			2,371 (13%)	122,328	1.220	14.680
			365 (2%)	18,820	0.280	3.390

Continue.....

Rs. in Billion

4	Higher Sec/ Inter Colleges	3,411	2,899 (85%)	256,741	0.19	2.31
			443 (13%)	39,266	0.390	4.710
			68 (2%)	6,041	0.090	1.090
5	Degree Colleges	116	-	124,051	0.62	7.440
6	Tertiary Education	70	-	230,058	3.450	41.410
7	Technical & Vocational Institutions	2,326	-	173,937	0.870	10.440
8	Deeni Madaris	13,012	-	1,782,163	8.910	106.920
Total				15,982,286	44.440	533.310

Source: Pakistan Education Statistics, 2013-14

* Including Pre-Primary

*Average Fee 85% Rs.750 per student per month, Average Fee 13% Rs.10,000 per student per month, Average Fee 2% Rs.15,000 per student per month

• Average Expenditure Rs.500 per student per month for Deeni Madaris & Higher Education fee is calculated at Rs. 15000 per month per student

* Degree Colleges and Technical & Vocational Institutions fee is calculated at Rs. 5000 per month per student

Analysis of Budget Allocations and Expenditures

- Federal Government has allocated Rs.98.98 billion for education sector for the year 2015-16 against the expenditure of more than Rs.65.250 billion in 2012-13 (Increase 52%)
- Although increase in education budget of all Provinces is evidenced during the preceding three years and the current 2015-16 but the overall share of education as proportion of total budget outlay has decreased except in Balochistan
- The major chunk of Federal Education budget has been allocated for Higher Education i.e. approximately 78% of total education budgetary allocation as compared to primary and secondary levels of education whereas the trend in Provincial budgets is conversely tilted towards primary and secondary education
- The budgetary allocation to education has remained static around 2.0 percent of GDP for more than a decade.
- Provinces need to gear up resource generation over and above the share received from the Federal Divisible Pool under 7th NFC award
- Technical and vocational education is neglected among all sub-sectors of education.
- Per student expenditure on Education in Sindh province is comparatively higher than KPK, FATA despite less number of enrolled students. Or conversely Sindh is spending more on per student as compared to other provinces.

Way Forward

- To fulfill longstanding commitment to enhance share of education out of GDP to at least 4%
- Federal Education spending may be increased from present 2% to 6% annually
- Share of Technical & Vocational Education may be increased to ensure socio-economic development of the country
- Redressal of inequities in distribution of allocated education funding at District level and to ensure focus on disadvantage groups and areas
- Provinces to increase generation of resources over and above NFC award allocations
- To identify issues/problems hampering achievement of national targets
- To ensure effective coordination between various stakeholders to devise strategies for implementation of NAP and Provincial Education Sector plans

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Financing on Education as Proportion of Total Budget Allocation

Rs. in Billion

Budget	Total Budget				Education Budget				Share of Education (%)			
	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16
Federal	3441.01	3,985.00	4,301.75	4,451.30	65.250	80.39	84.33	98.980	2	2	2	2
Punjab	690.88	897.56	1,095.12	1,447.24	220.515	232.56	259.62	310.200	32	26	24	22
Sindh	404.25	585.91	686.18	739.00	109.297	135.54	149.48	154.783	27	23	22	21
Khyber Pakhtunkhwa	248.08	329.00	404.80	487.00	78.145	96.41	106.84	119.720	31	29	26	25
Balochistan	183.35	198.40	215.72	243.00	24.519	34.89	40.67	52.959	13	18	19	22
Total	4816.30	5,995.87	6,703.57	7367.54	497.78	579.80	640.94	735.542	10	10	10	10

2012-2013			2013-2014			2014-2015		
Education Budget	497.78		Education Budget	579.80		Education Budget	640.94	
<hr style="width: 50%; margin: 0;"/>		X 100 = 10.33	<hr style="width: 50%; margin: 0;"/>		X 100 = 9.66	<hr style="width: 50%; margin: 0;"/>		X 100 = 9.56
Total Budget	4816.30	= 10	Total Budget	5995.87	= 10	Total Budget	6703.57	= 10

2015-2016		
Education Budget	735.542	
<hr style="width: 50%; margin: 0;"/>		X 100 = 9.98
Total Budget	7367.54	= 10