

Bihar PAISA District Studies



PURNEA

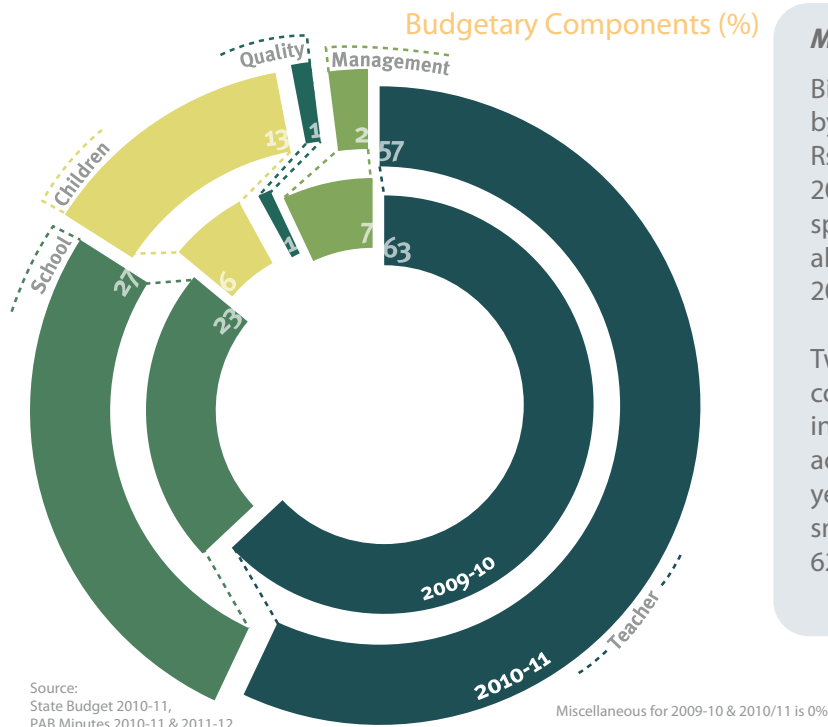
Rural

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- ▶ How does Purnea Prioritize its Education Resources? ◀
- ▶ When do SSA Funds Flow to Purnea's Schools (2009/10)? ◀
- ▶ When do SSA Funds Flow to Purnea's Schools (2010/11)? ◀
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How does Bihar Prioritize its Education Resources? What are the Outputs and Outcomes?

FIGURE 1.1



More on Bihar’s budget

Bihar’s elementary education budget increased by 25.6% between 2009-10 and 2010-11, from Rs. 8,940.5 crore to Rs. 11,225.6 crore. In 2009-10 (latest available estimates), the state spent Rs. 4,705.4 per child. SSA contributed about half of the total budget: 46.2% in 2009-10 and 56.3% in 2010-11.

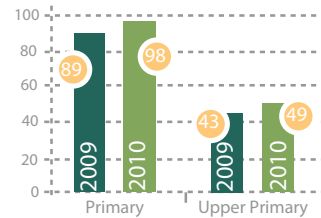
Two features of Bihar’s budget stand out when compared to other PAISA states. First, the state invests a significant proportion of its budget in activities related to children - 10.1% over two years. Second, the state invests a relatively smaller proportion of its budget on teachers - 62.8% in 2009-10 and 56.6% in 2010-11.

FIGURE 1.2

Key Output Indicators

1.2.1

Net Enrolment Ratio (%)



Source 1.2.1 & 1.2.2 : State Elementary Education Report Card 2008-09 & 2009-10, PAB Minutes

FIGURE 1.4

Child Enrolment and Attendance (%)

	Primary		Upper Primary	
	2009	2010	2009	2010
Enrolled Children Present (average)	57	56	58	56
Schools with Less than 50% Enrolled Children Present	35	34	29	34
Schools with 75% or more Enrolled Children Present	16	14	16	15

Source: ASER 2009, ASER 2010



1.2.2

Other Indicators

	2009	2010
Pupil Teacher Ratio (elementary)	55	57
Student Classroom Ratio (elementary)	96	89
Drop-Out Rate (primary)	12	13.4

FIGURE 1.3

Toilet Facilities in Schools (%)

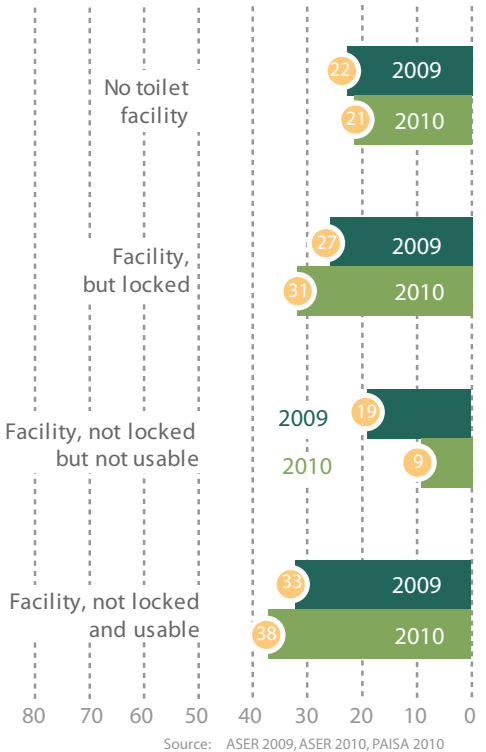


FIGURE 1.5

Learning Levels (%)

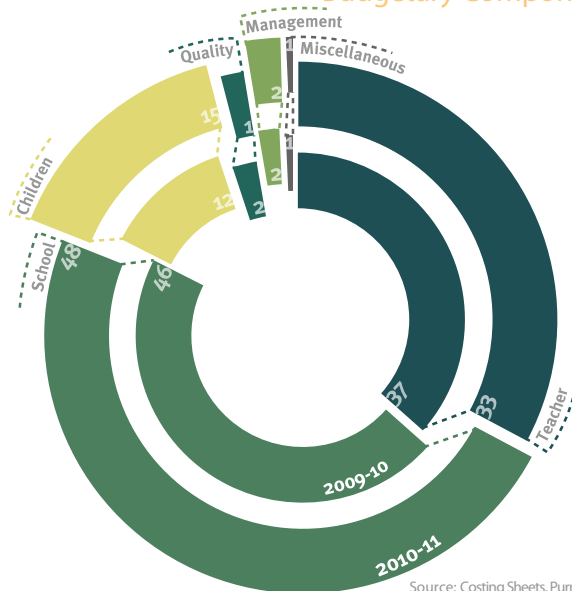
	2009	2010
Students in Std 3-5 who can read Std I text or more	62.1	63.8
Students in Std 3-5 who can do subtraction or more	63.7	63.1

Source: ASER 2009, ASER 2010

How does Purnea Prioritize its Education Resources? What are the Outputs and Outcomes?

FIGURE 2.1

Budgetary Components, SSA (%)



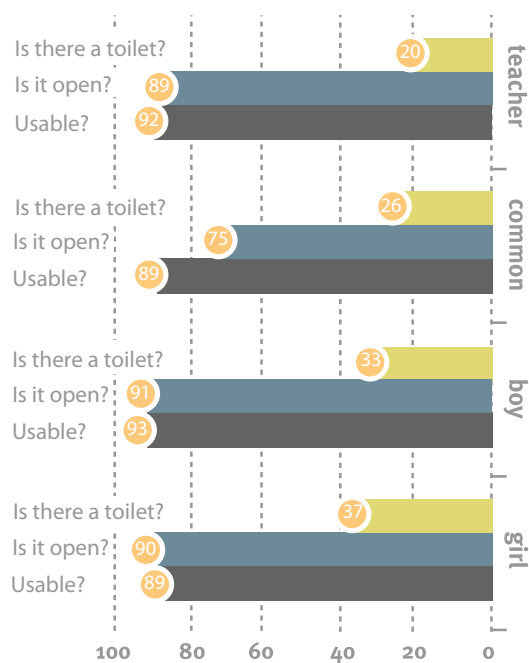
Source: Costing Sheets, Purnea District 2009-10 & 2010-11

More on Purnea's budget

In 2010-11, Purnea's total elementary education budget stood at Rs. 284 crore. Investment per child amounted to Rs. 4,841.

FIGURE 2.3

Toilet Facilities in Schools (%)



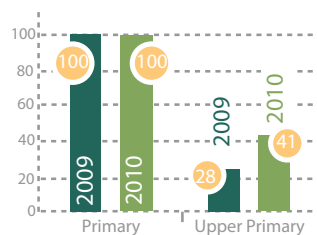
Source: PAISA Survey 2011

FIGURE 2.2

Key Output Indicators

2.2.1

Net Enrolment Ratio (%)



2.2.2

Other Indicators

	2009	2010
Pupil Teacher Ratio (elementary)	65	66
Student Classroom Ratio (elementary)	124	107
Drop-Out Rate (primary)	14.3	22.7

Source 2.2.1 & 2.2.2: District Elementary Education Report Cards 2008-09 & 2009-10

FIGURE 2.4

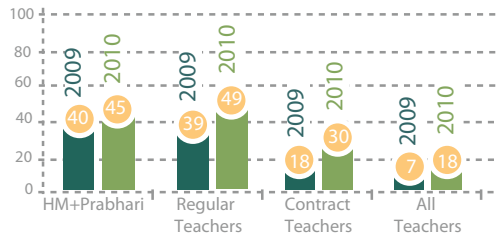
Days of Training Received

Types of Teachers	2009	2010
HM + Prabhari	15.5	12.4
Regular Teachers	27.1	30.3
Contract Teachers	46.2	28.8
Total	55.9	39.9

HM = Headmaster,
Source: PAISA Survey 2011

FIGURE 2.5

Teachers Who Did Not Receive Training (%)



HM = Headmaster,
Source: PAISA Survey 2011

FIGURE 2.6

Teacher Presence (%)

Teacher Type	% Present
HM	92
Prabhari	93
Regular Teachers	72
Contract Teachers	75
All	80

HM = Headmaster,
Source: PAISA Survey 2011

FIGURE 2.7

Children Enrolment and Attendance (%)

School	No. of Schools	Enrolment	Attendance Rate
Std. 1-5	79	235.7	50
Others	63	512.9	54
All	142	358.7	50

Source: PAISA Survey 2011

FIGURE 2.8

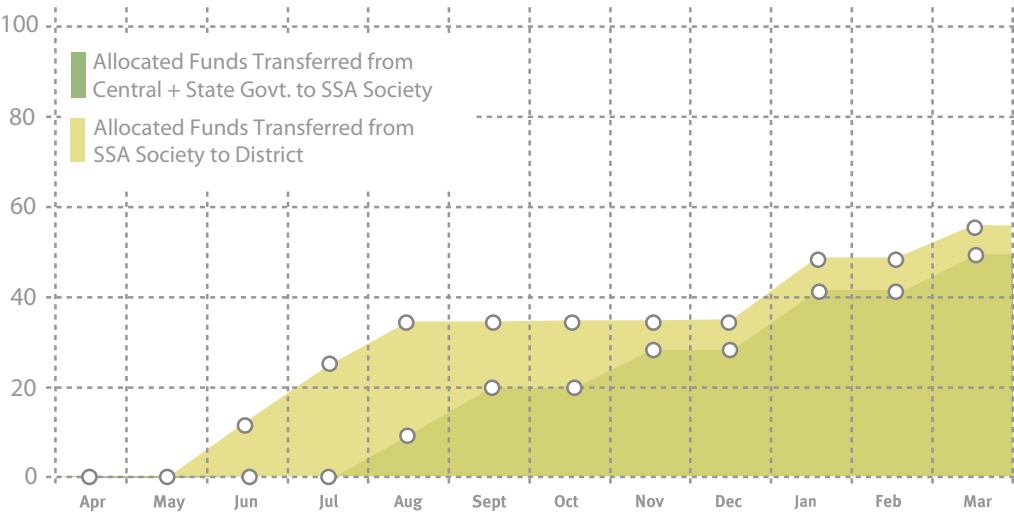
Learning Levels (%)

	2009	2010
Students in Std 3-5 who can read Std I text or more	59.9	78.0
Students in Std 3-5 who can do subtraction or more	60.7	77.0

Source: ASER 2009, ASER 2010

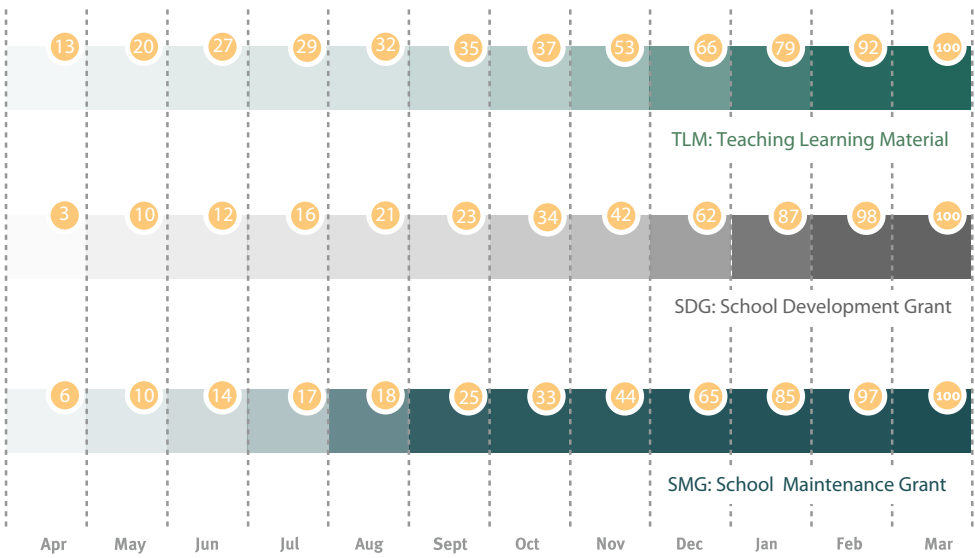
When do SSA Funds Flow to Purnea's Schools (2009/10) ?

FIGURE 3.1
Monthly Fund Flows to SSA Society and Purnea District (Cumulative %)



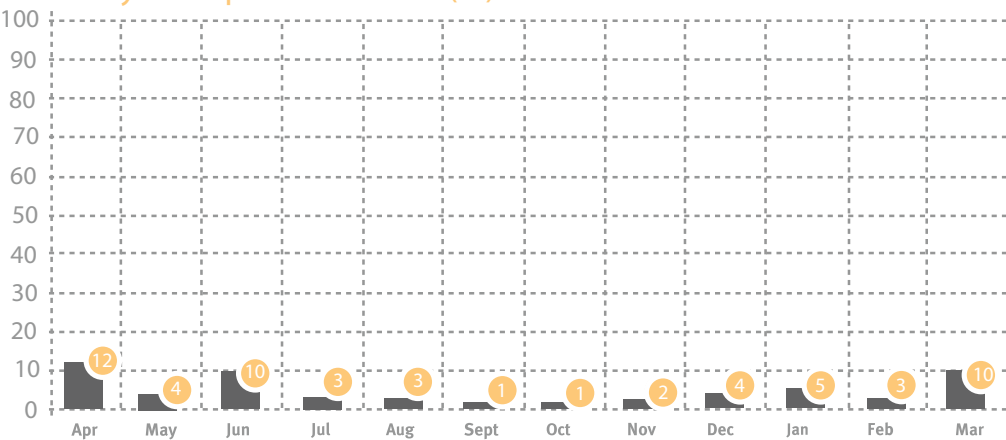
The SSA Society received 49% of its allocation. The State Government released 52% of its share. This was significantly higher than GOI's release amount, which stood at 47% of its share. Purnea received 50% of its allocation.

FIGURE 3.2
Schools that Reported Receipt of Grants (Cumulative %)



64.2% schools received the three SSA grants. 70.3% received TLM grant; 65.9% received SDG grant and 53.7% received the SMG grant.

FIGURE 3.3
Monthly Receipt of Uniforms (%)



Children receive various annual entitlements such as uniforms and textbooks. 44% schools received uniforms for 2009-10 in 2010-11. Textbook distribution was equally sporadic. As many as 28.6% schools received their textbooks for 2009-10 in 2010-11.

When do SSA Funds Flow to Purnea's Schools (2010/11)?

FIGURE 4.1
Monthly Fund Flows to SSA Society and Purnea District (Cumulative %)

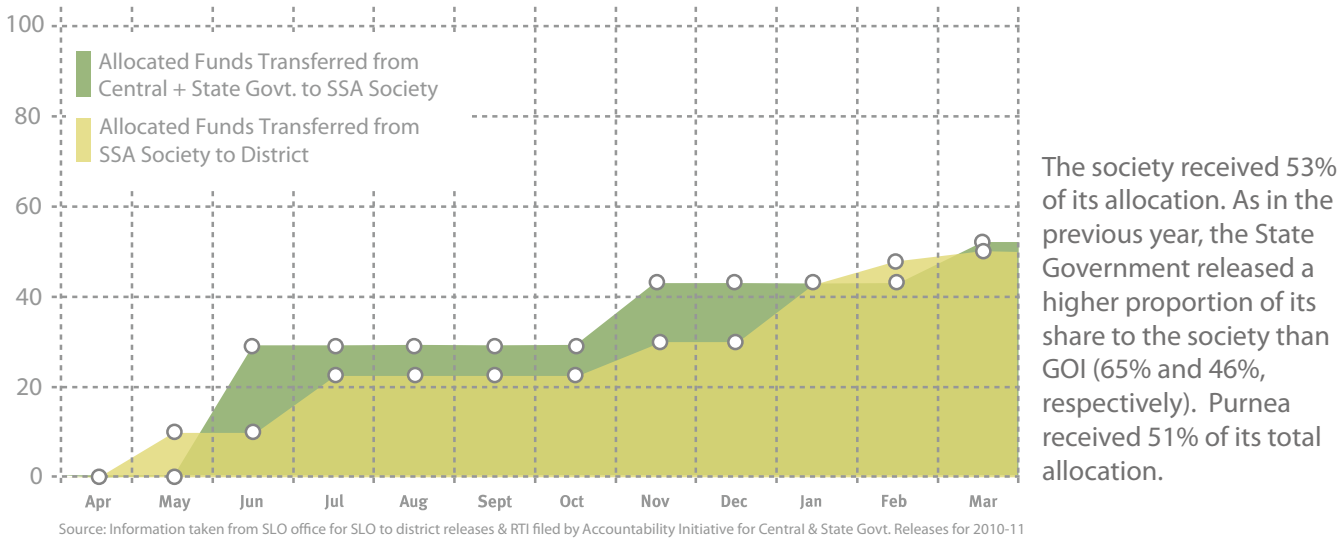
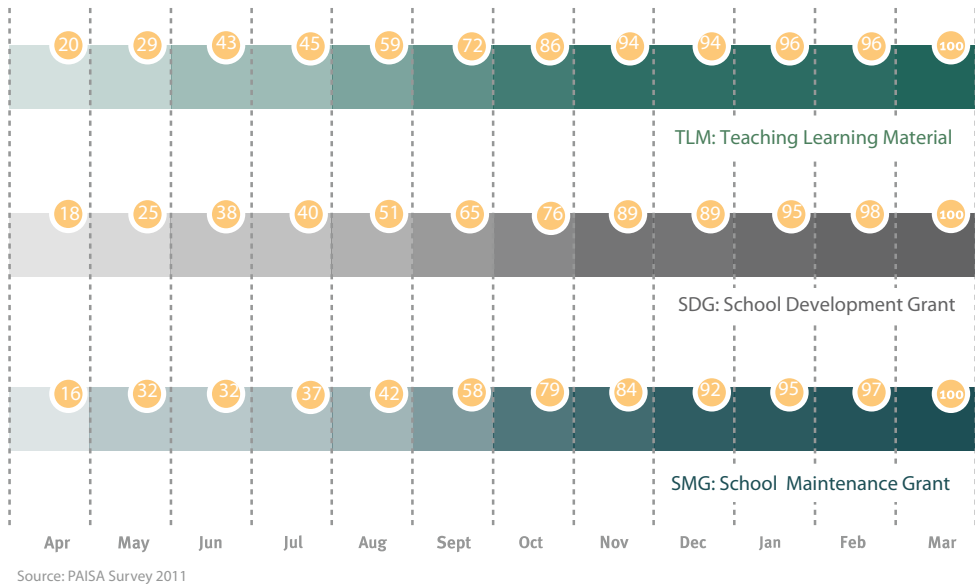
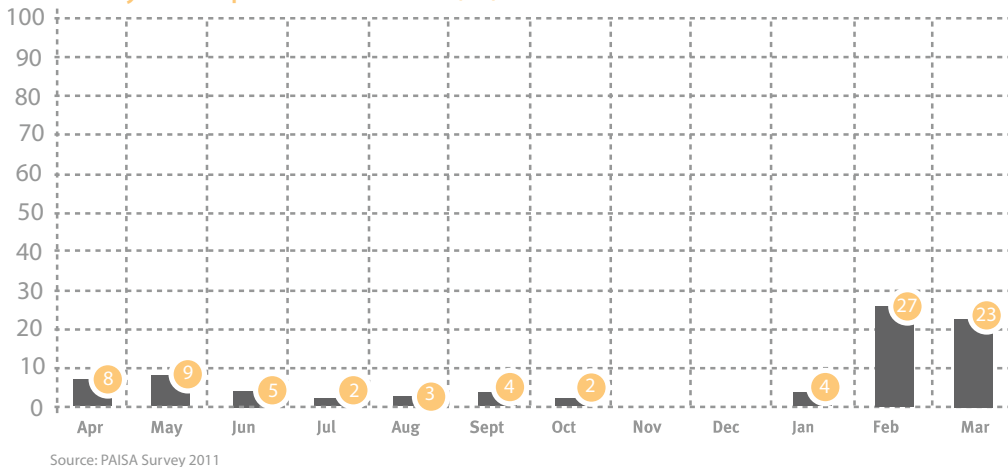


FIGURE 4.2
Schools that Reported Receipt of Grants (Cumulative %)



41.8% schools received the three SSA grants. 50.7% received the TLM grant; 40.2% received the SDG grant and 27.7% received the SMG grant.

FIGURE 4.3
Monthly Receipt of Uniforms (%)

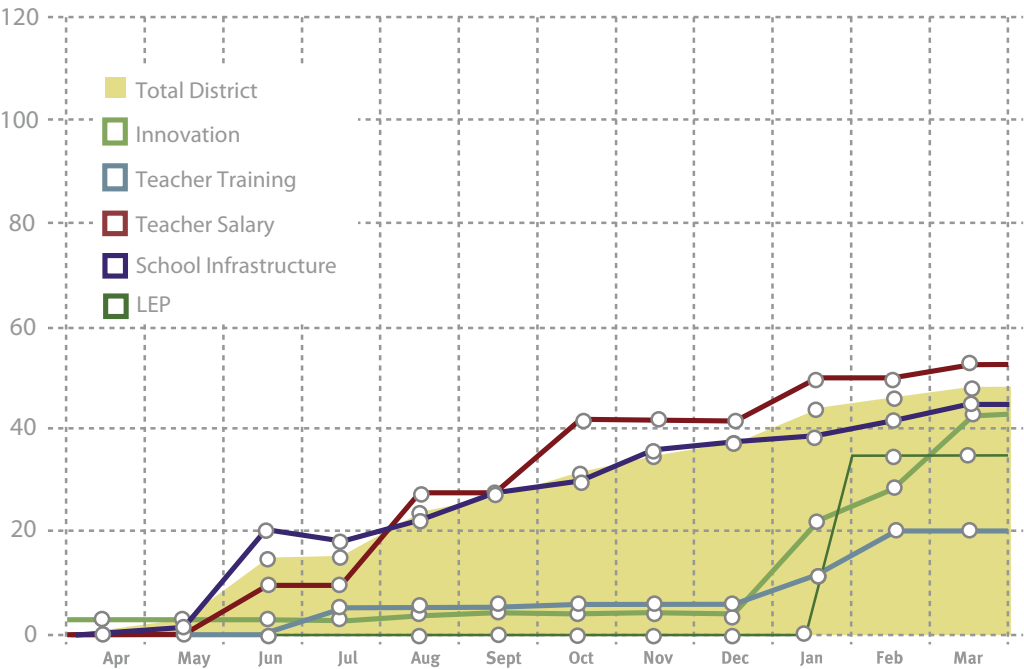


The flow of entitlement related grants remained sporadic. 14.9% schools reported receiving uniforms for 2010-11 in 2011-12. 26.1% schools received their textbook entitlement for 2010-11 in 2011-12.

When does Purnea Spend its SSA Money (2009/10)?

FIGURE 5.1

District Monthly Expenditure (Cumulative) (% Expenditure of Allocated Funds: District and Line Items)



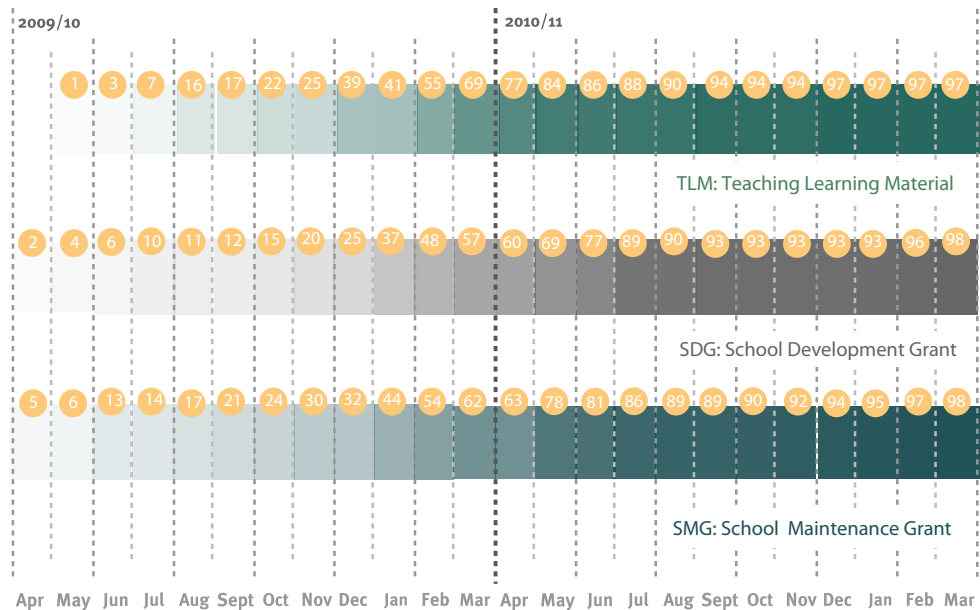
Purnea spent 50% of its SSA budget.

Expenditures on children (entitlements), training and quality (LEP), were low -1%, 20% and 35% of allocated funds, respectively.

Source: Statement of Physical & Financial Progress under SSA & NPEGL 2009-10

FIGURE 5.2

Schools that Initiated Expenditure (Cumulative %)

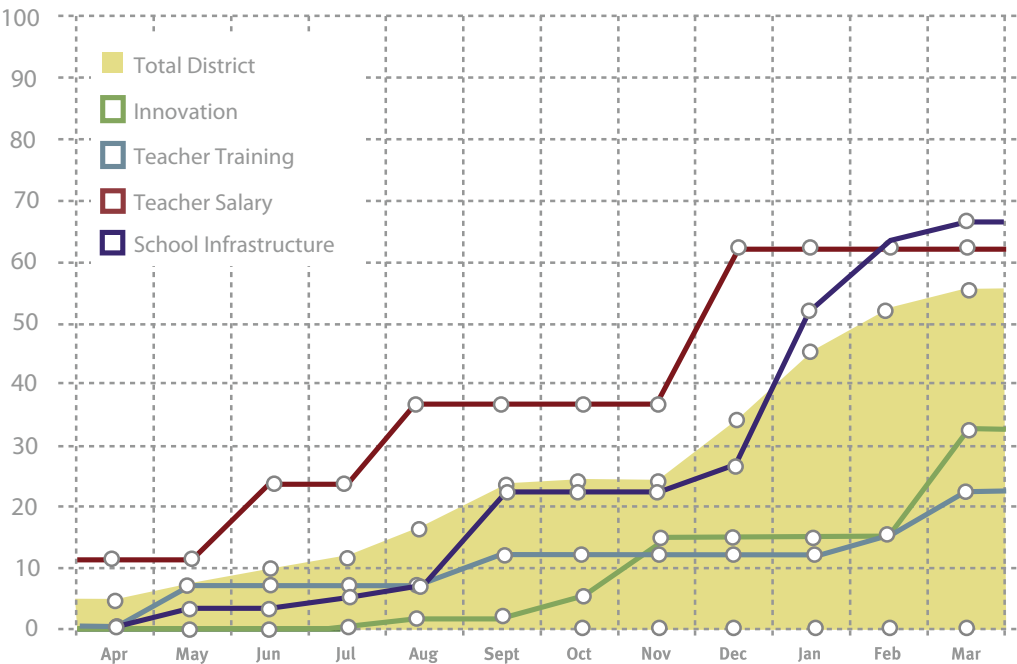


90.4% of schools that received the SSA grants had initiated expenditures. In total 87.3% of the grant amount was spent. There was a time lag of 77 days between the date of grant receipt and actual spending.

Source: PAISA Survey 2011

When does Purnea Spend its SSA Money (2010/11)?

FIGURE 6.1
 District Monthly Expenditure (Cumulative)
 (% Expenditure of Allocated Funds: District and Line Items)

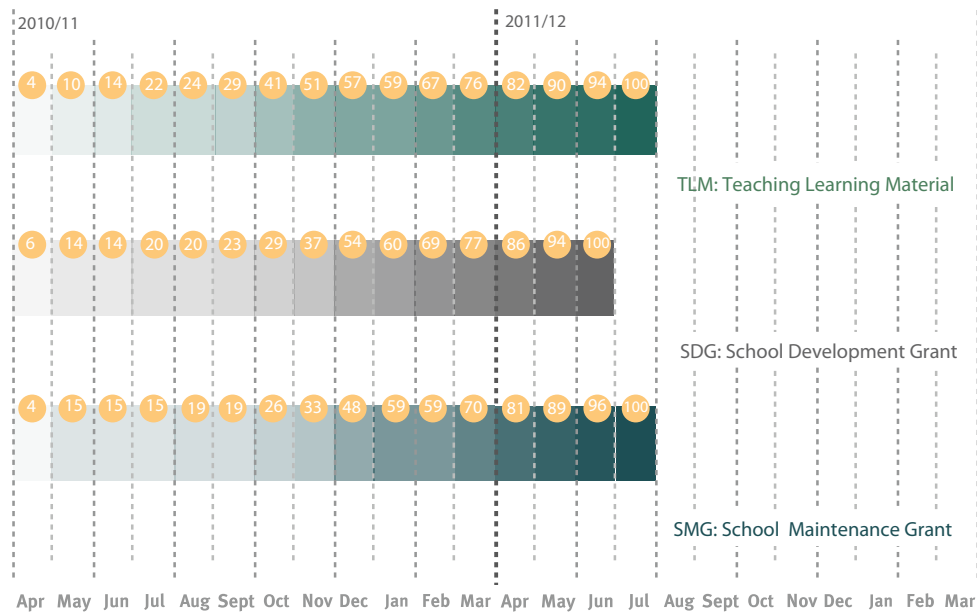


Source: Statement of Physical & Financial Progress under SSA & NPEGL 2010-11

Between 2009-10 and 2010-11, Purnea’s budget increased by 36%. Purnea spent 55% of this allocation.

Expenditures in some key areas did not keep pace with the overall increase in allocation. For instance, 23% of teacher training and 43% of children mainstreaming funds were spent. However, none of the children entitlement funds were spent.

FIGURE 6.2
 Schools that Initiated Expenditure (Cumulative %)



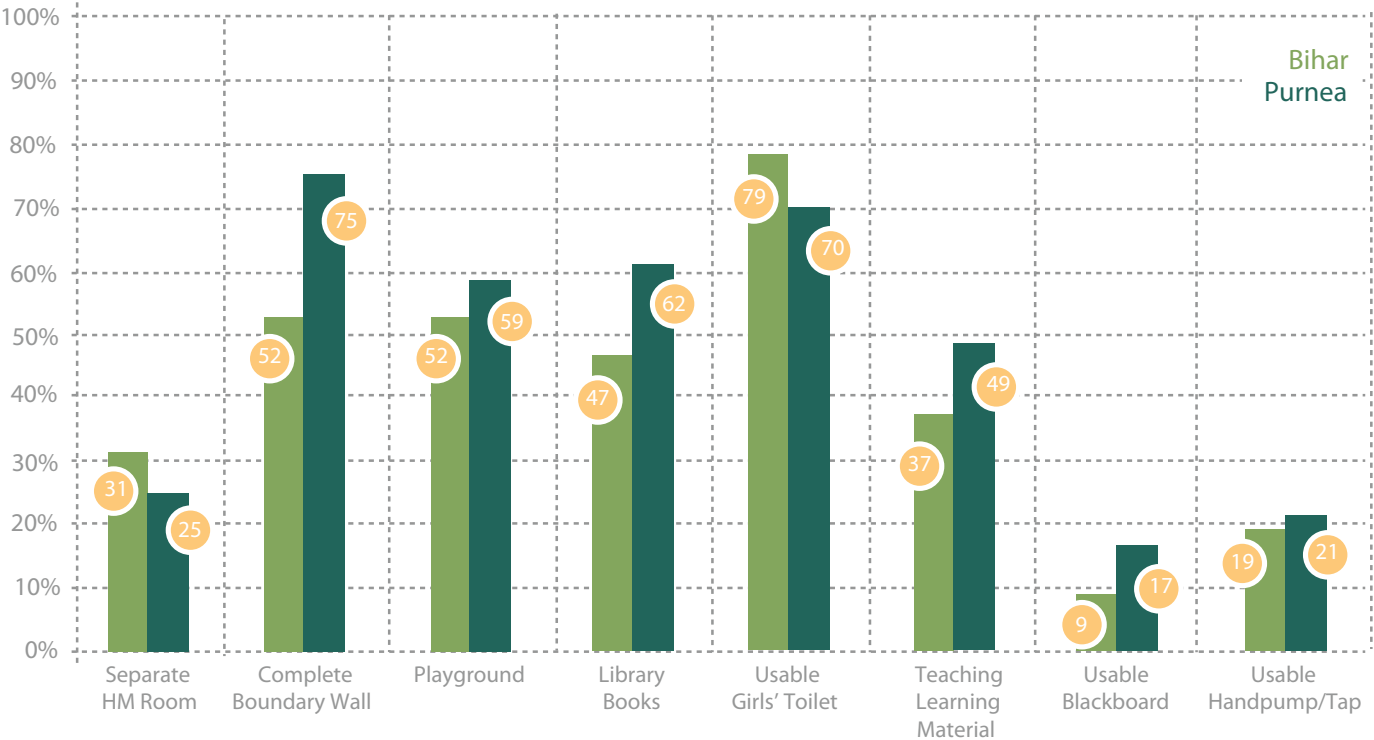
Source: PAISA Survey 2011

71.7% of schools that received the SSA grants had initiated expenditures. In total 67% of the grant amount was spent. There was a time lag of 82 days between the date of grant receipt and actual spending.

How do Bihar and Purnea Schools Perform on RTE Indicators?

FIGURE 7.1

Infrastructure Indicators (% schools reporting shortfall)



Source: ASER 2010, PAISA Survey 2011

FIGURE 7.2

Other Indicators: Purnea

RTE Indicator	Shortfall (% Schools)
Schools (1-5) with HM (enrol.>150)	83.6
Schools (6-8) with HM (enrol.>100)	NA
1 classroom per teacher (excl. HM)	47.7
1 classroom per teacher (incl. HM)	50.0

Source: PAISA Survey 2011

To what extent is Purnea’s meeting the RTE Act’s infrastructure requirements?

To meet the RTE shortfall, Purnea’s infrastructure budget increased by 64.1% between 2009-10 and 2010-11. However, construction activity has not kept pace with the budgetary increase. For instance, the number of schools in the PAISA survey that started building new classrooms dropped from 10.2% in 2009-10 to 5.9% in 2010-11. Toilet construction increased from 14.5% in 2009-10 to 24.6% in 2010-11. Boundary wall construction too increased from 8.1% to 16.4% in the same period. Despite this marginal increase in activity, given the scale of the infrastructure gap, Purnea is unlikely to meet the RTE gap by 2013.

How are Purnea’s Schools Governed?

How are schools governed in Purnea?
How often do they interact with government officials?
Who do they consider their chief problem solvers?
How much does the school engage with the community and the Panchayat?
How effectively have RTE’s transparency requirements been implemented?

To answer these questions and gain insights into school governance, PAISA asked a range of governance questions at school level.

FIGURE 8.1
Meetings with Administration (%)

Frequency of Meetings	SMC	CRC	BRC
Fortnightly	NA	9.2	6.4
Monthly	56.5	87.9	86.5
Once in 2-3 Months	11.6	0.0	5.0
Once in 6 Months	0.0	0.7	0.0

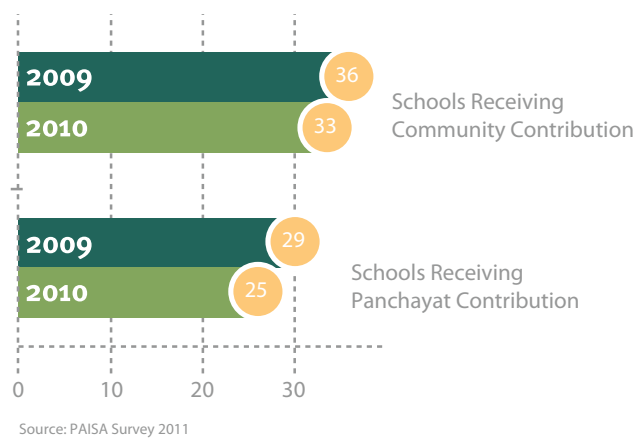
Source: PAISAC Survey 2011

FIGURE 8.2
Primary Problem Solving Office (%)

	Minor Repairs	Teacher Absenteeism	Late Grants
SMC	16.1	10.1	3.6
Cluster	10.2	15.2	11.5
Block	62.0	68.1	75.5
District	2.9	1.5	5.8
Panchayat	6.6	3.6	2.2

Source: PAISA Survey 2011

FIGURE 8.3
Community and Panchayat Contribution (%)



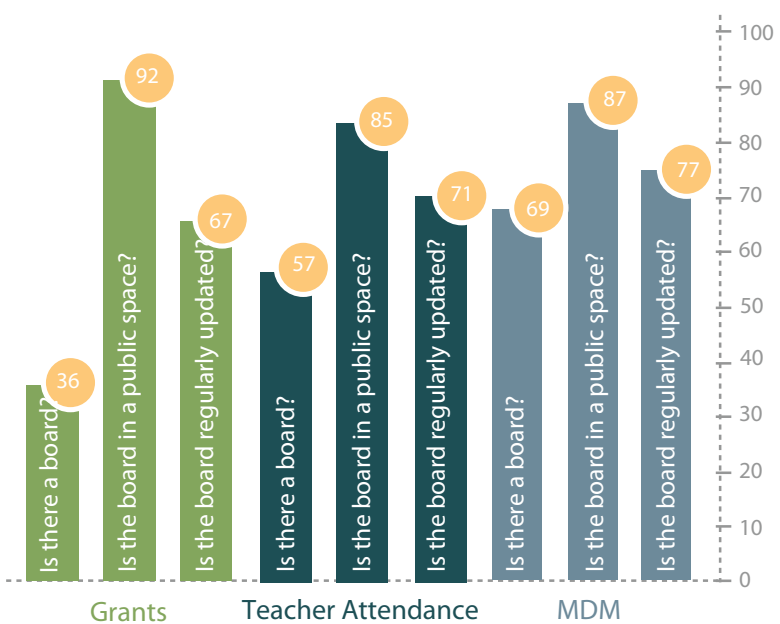
Source: PAISA Survey 2011

FIGURE 8.4
Forms of Community and Panchayat Contribution
(No. of Schools)

Forms of Community Contribution		Forms of Panchayat Contribution		
2009	2010	2009	2010	
3	2	1	2	Cash
9	3	11	5	Kind
4	5	1	0	Labour
34	34	27	27	Monitoring
5	4	1	1	Other

Source: PAISA Survey 2011

FIGURE 8.5
Status of Transparency Boards (%)



Source: PAISA Survey 2011