Odisha SAMBALPUR (RURAL)

ANALYSIS BASED ON DATA FROM 1,177 YOUTH IN 1,089 HOUSEHOLDS IN 60 VILLAGES
Data is not presented where sample size is insufficient.

Background information	State	District
Total population	4,56,96,000	2.5% of state population
Schools with Std VIII per 100000 population	63	60
Schools with Std IX-X per 100000 population	22	22
Schools with Std XI-XII per 100000 population	5	6
% Senior secondary schools (with Std XI-XII) that offer science stream	43.9	53.5

2021 population projections from the International Institute for Population Sciences (IIPS); School data from DISE 2021-22

Enrollment

Table 1: Distribution of youth by age group and enrollment status (%)

Age group and sex		Enrolled in:			Not enrolled	Total
		School (Std X or below)	School (Std XI and XII)	Under-graduate or other		
14-16	Male	70.2	22.7	0.6	6.5	100
	Female	67.1	20.8	0.7	11.3	100
	All	68.6	21.7	0.7	9.0	100
17-18	Male	4.2	41.6	16.7	37.5	100
	Female	1.4	38.0	15.8	44.9	100
	All	2.6	39.6	16.2	41.6	100
14-18	Male	45.8	29.7	6.6	18.0	100
	Female	39.8	27.9	7.0	25.3	100
	All	42.6	28.8	6.8	21.9	100

'Not enrolled' includes youth who never enrolled or have dropped out.
'Undergraduate or other' includes youth who are enrolled in college to pursue an undergraduate degree or a certificate or diploma course.

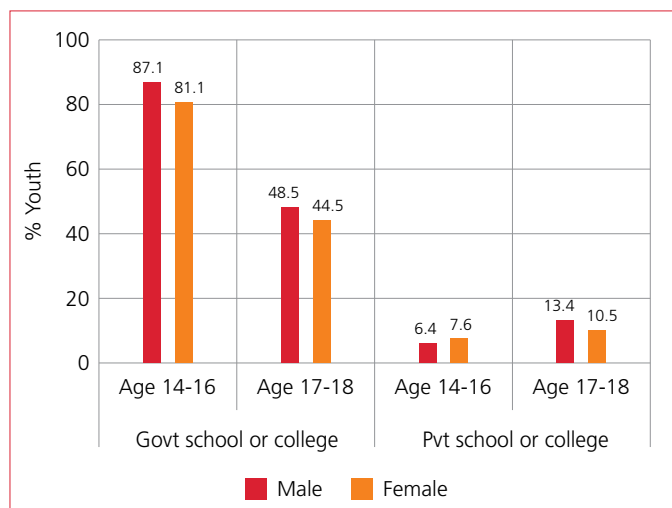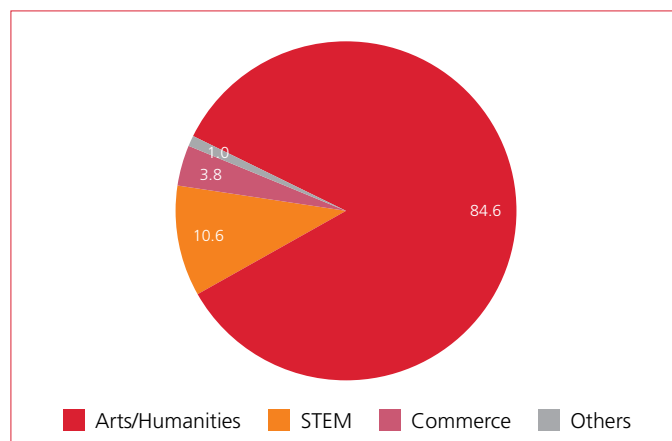**Chart 1: % Youth currently enrolled in school or college, by age group, type of institution and sex**

Govt school or college:
- Age 14-16: Male 87.1, Female 81.1
- Age 17-18: Male 48.5, Female 44.5

Pvt school or college:
- Age 14-16: Male 6.4, Female 7.6
- Age 17-18: Male 13.4, Female 10.5

■ Male ■ Female

Chart 2: % Youth enrolled in Std XI or higher, by choice of stream

- Arts/Humanities: 84.6
- STEM: 10.6
- Commerce: 3.8
- Others: 1.0

■ Arts/Humanities ■ STEM ■ Commerce ■ Others

STEM includes science, engineering and information technology (IT).
Others includes medicine, agriculture, vocational, professional courses (law, CA, etc.) and other streams.

Vocational training or other courses

Table 2: % Youth enrolled in vocational training or other courses, by age group and sex

Age group	Male	Female	All
14-16	2.5	2.7	2.6
17-18	14.5	4.7	9.0
All youth	7.0	3.6	5.2

Youth were asked whether they are currently taking vocational training at an ITI, polytechnic, etc. or any other classes like computer, sewing, etc.

Work information

Table 3: % Youth who worked for 15 or more days in the last month (excluding household work), by age group and sex

Age group	Male	Female	All
14-16	27.8	28.4	28.1
17-18	44.9	34.8	39.3
All youth	34.2	31.1	32.6

Youth were asked whether they did any work other than housework (part-time or full-time) like helping in a family enterprise, working on a farm, etc.

Odisha SAMBALPUR (RURAL)

All tasks were administered one-on-one to surveyed youth.

Basic reading

Table 4: % Youth who can read at least a Std II level text (ASER reading test), by age group and sex

Age group	Male	Female	All
14-16	74.9	79.8	77.4
17-18	73.4	81.1	77.7

Basic arithmetic

Table 5: % Youth who can do at least division (ASER arithmetic test), by age group and sex

Age group	Male	Female	All
14-16	35.3	40.1	37.8
17-18	27.7	37.3	33.1

Basic English

Table 6: % Youth who can read at least sentences in English (ASER English test), by age group and sex

Age group	Male	Female	All
14-16	52.1	53.1	52.6
17-18	53.2	56.6	55.1

ASER READING TOOL

Std II level text

ରାକେଶ ବିକାପାଲି ଗାଁ ରେ ରୁହେ । ତା'ର ଗାଁ ପାଖରେ ଗୋଟିଏ ସୁନ୍ଦର ନଦୀ ବହେ । ଗାଁର ଲୋକମାନେ ନଦୀକୂଳରେ ନିଜର ପଶୁ ଚରାନ୍ତି । ଦିନେ ସହରରୁ କିଛି ଲୋକ ନଦୀକୂଳକୁ ବୁଲିବାକୁ ଆସିଲେ । ସେଠି ଲୋକମାନେ ନଦୀକୂଳରେ ଅଳିଆ ପକାଇଲେ ଓ ଚାଲିଗଲେ । ନଦୀକୂଳରେ ଏତେ ଅଳିଆ ଦେଖି ରାକେଶର ମନ ଖରାପ ହେଲା । ରାକେଶର ମନରେ ଏକ ଉପାୟ ଆସିଲା । ସେ ନଦୀକୂଳକୁ ବହୁତ ଗୁଡ଼ିଏ ଅଳିଆଡବା ରଖିଲା । ଏବେ ଲୋକମାନେ ନଦୀକୂଳକୁ ଆସୁଛନ୍ତି ହେଲେ ଚାରିପଟେ ଅଳିଆ ପକାଉ ନାହାନ୍ତି ।

Std I level text

ମାମା ଘରେ ବାହାଘର ଅଛି । ବାହାରୁ ଅତିଥ ମାନେ ଆସିବେ । କେଇଜେ ନୂଆ ପୋଷାକ ଆଣିବେ । ବାହାଘର ଖୁସିରେ ସଭିଏଁ ନାଚିବେ ।

Letters

ଷ	ଜ	ଠ
ନ	ଦ	
ଭ	ର	ଲ
ଗ	ମ	

Words

ହାତୀ	ବାଲି
ବେଣୀ	
ଲୋଡ଼ା	ପାରା
ଶୈଳ	ରୋଗ
ମୂଗ	କୂଳ

ASER ARITHMETIC TOOL

ଅଙ୍କ ଚିହ୍ନଟ ୧-୯	ସଂଖ୍ୟା ଚିହ୍ନଟ ୧୧-୯୯	ଯୋଡ଼ଣ	ହରଣ
3 6	32 84	92 - 68 35 - 17	7) 883
9 2	65 43	73 - 55 41 - 24	4) 537
4 7	55 18	53 - 38 96 - 77	6) 778
8 5	72 37	81 - 56 64 - 35	8) 925
	29 98		

ASER ENGLISH TOOL

R	F	J
T	B	
M	K	H

q	z	o
w	a	
d	s	c

fun	jug
hot	
bat	sun
dog	

Where is your cow?
This is a big shop.
I like to read.
She has a red kite.

Odisha SAMBALPUR (RURAL)

All tasks were administered one-on-one to surveyed youth.

Everyday calculations

Table 7: % Youth who can do everyday calculations, by age group and sex

Task	Age 14-16			Age 17-18		
	Male	Female	All	Male	Female	All
Calculating time	37.4	40.2	38.9	40.7	34.5	37.3
Adding weights	61.2	44.6	52.6	64.0	44.8	53.3
Measuring length (easy)	91.5	83.4	87.4	85.5	82.1	83.6
Measuring length (hard)	43.6	28.4	35.8	45.5	32.2	38.1
Applying unitary method	50.5	44.5	47.4	54.1	39.6	46.0

Reading and understanding written instructions

Chart 3: Of those who can read at least a Std I level text (ASER reading test), % youth who can read instructions and answer at least 3 out of 4 questions, by age group and sex
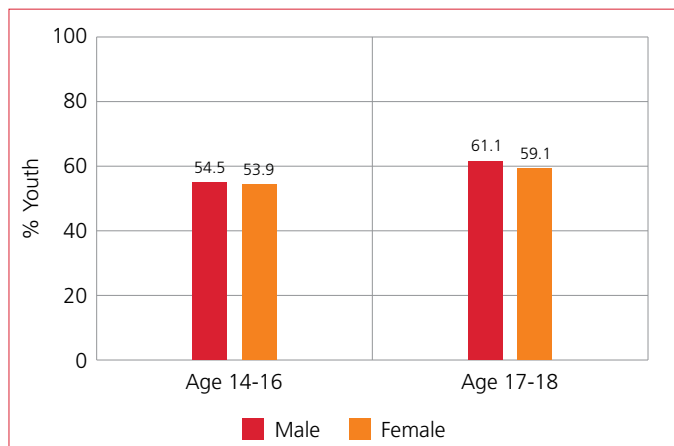
Chart 3: Bar chart showing % Youth.
Age 14-16: Male 54.5, Female 53.9.
Age 17-18: Male 61.1, Female 59.1.
Legend: Male, Female

Financial calculations

Table 8: Of those who can do at least subtraction (ASER arithmetic test), % youth who can do financial calculations, by age group and sex

Task	Age 14-16			Age 17-18		
	Male	Female	All	Male	Female	All
Managing a budget	53.9	46.1	49.7	57.7	45.4	50.9
Applying a discount	31.0	18.0	23.9	48.6	26.1	36.0
Calculating repayment	7.1	7.6	7.4	14.7	6.8	10.3

CALCULATING TIME

08:30 PM

04:30 AM

MEASURING LENGTH (EASY)

MEASURING LENGTH (HARD)

ADDING WEIGHTS

100 ଗ୍ରାମ g   200 ଗ୍ରାମ g   50 ଗ୍ରାମ g
100 ଗ୍ରାମ g   50 ଗ୍ରାମ g
1 କିଲୋ kg   500 ଗ୍ରାମ g

APPLYING UNITARY METHOD

15 ଲିଟର   25 ଲିଟର

READING AND UNDERSTANDING WRITTEN INSTRUCTIONS

ଓ.ଆର.ଏସ
(ଜୀବନ ରକ୍ଷକ ମିଶ୍ରଣ)

MANAGING A BUDGET

ମୂଲ୍ୟ ସୂଚୀ

କପି..........................₹16
ଚାହା ....₹12
ଚିପ୍ସ ....₹20
ପାଣିବୋତଲ ....₹25
ଚକୋଲେଟ୍..........................₹ 14

APPLYING A DISCOUNT

ସେଲ୍!!!
10% ରିହାତି
M.R.P. ₹500

CALCULATING REPAYMENT

ବ୍ୟାଙ୍କର ନାମ	ରଣର ସୁଧର ହାର
ହମାରା ବ୍ୟାଙ୍କ	14% ପ୍ରତି ବର୍ଷ
ପଲ୍ସା ବ୍ୟାଙ୍କ	12% ପ୍ରତି ବର୍ଷ
ନୟା ବ୍ୟାଙ୍କ	13% ପ୍ରତି ବର୍ଷ

ରଣର ପରିମାଣ = ଟ.20,000

Odisha SAMBALPUR (RURAL)

ANALYSIS BASED ON DATA FROM 1,177 YOUTH IN 1,089 HOUSEHOLDS IN 60 VILLAGES
Data is not presented where sample size is insufficient.

Access and ownership of digital devices

Table 9: Smartphone availability and use, by age group and sex

Age group and sex		Have a smartphone at home	Could bring a smartphone to do digital tasks*	Can use a smartphone	Of those who can use a smartphone, % who have their own smartphone
		% Youth who:			
14-16	Male	79.6	53.9	91.8	29.6
	Female	73.8	45.1	84.2	15.4
	All	76.6	49.3	87.9	22.6
17-18	Male	94.8	79.5	96.5	81.2
	Female	81.4	51.4	90.1	46.5
	All	87.3	63.7	92.9	62.3
14-18	Male	85.2	63.4	93.5	49.3
	Female	77.0	47.7	86.7	28.8
	All	80.8	55.0	89.9	38.8

Use of smartphone (Self-reported)

Table 10: Of those who can use a smartphone, % youth who used social media in the reference week and know how to use safety features, by age group and sex

Age group and sex		% Youth who used any social media in the reference week	Of these, % youth who can:		
			Block/ report a profile	Make profile private	Change password
14-16	Male	88.1	39.9	39.5	46.5
	Female	86.3	39.2	35.7	34.2
	All	87.3	39.6	37.7	40.5
17-18	Male	97.2	64.4	68.3	75.8
	Female	90.6	43.1	40.0	43.8
	All	93.6	53.2	53.4	58.9

Table 11: Of those who can use a smartphone, % youth who were engaged in the following activities, by age group and sex

Age group and sex		At least 1 education related activity in the reference week	Ever accessed any online services	At least 1 entertainment related activity in the reference week
		% Youth who did the following activities online:		
14-16	Male	72.6	15.3	86.8
	Female	68.7	10.0	79.4
	All	70.6	12.6	83.2
17-18	Male	67.7	40.1	91.1
	Female	63.4	21.7	83.7
	All	65.4	29.7	87.1

Online services includes making payments, filling a form, paying a bill and booking a ticket.

Digital tasks (Administered one-on-one to surveyed youth)

SETTING AN ALARM	BROWSING FOR INFORMATION	USING GOOGLE MAPS	FINDING AND SHARING A YOUTUBE VIDEO
ଆସନ୍ତା କାଲି ସକାଳ 8:30	ଭାରତର ପ୍ରଥମ ମହିଳା ରାଷ୍ଟ୍ରପତି	Maps (ମ୍ୟାସ୍)	PMGDISHA Module 1 (ପି.ଏମ୍.ଜି ଦିଶା ମଡ୍ୟୁଲ ୧)

Table 12: Of those who could bring a smartphone, % youth who could do digital tasks on it, by age group and sex

Age group and sex		% Youth who could bring a smartphone to do digital tasks*	Of these, % youth who could do the following tasks:				
			Setting an alarm	Browsing for information	Using Google Maps	Finding YouTube video	Of those who found video, % able to share it
14-16	Male	53.9	63.6	44.3	38.3	79.4	92.0
	Female	45.1	46.6	38.4	20.4	75.8	
	All	49.3	55.6	41.6	30.2	77.8	90.1
17-18	Male	79.5	69.1	40.0	50.9	80.9	96.9
	Female	51.4	58.6	41.4	28.0	78.4	
	All	63.7	64.4	40.6	40.9	79.8	94.8

*Youth were asked to bring a smartphone with good connectivity during the survey to do the digital tasks on the assessment.