

Maharashtra NANDED (RURAL)

ANALYSIS BASED ON DATA FROM 1,374 YOUTH IN 1,200 HOUSEHOLDS IN 60 VILLAGES
 Data is not presented where sample size is insufficient.

Background information	State	District
Total population	12,44,37,000	3.0% of state population
Schools with Std VIII per 100000 population	44	49
Schools with Std IX-X per 100000 population	21	21
Schools with Std XI-XII per 100000 population	9	9
% Senior secondary schools (with Std XI-XII) that offer science stream	56.8	57.0

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)	Undergraduate or other			
14-16	Male	87.0	10.2	0.5	2.3	100
	Female	82.5	13.7	0.0	3.8	100
	All	84.5	12.1	0.2	3.2	100
17-18	Male	9.2	66.1	13.9	10.9	100
	Female	7.2	65.9	15.9	11.0	100
	All	8.1	66.0	15.0	10.9	100
14-18	Male	58.5	30.7	5.4	5.5	100
	Female	55.2	32.6	5.8	6.4	100
	All	56.6	31.8	5.6	6.0	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

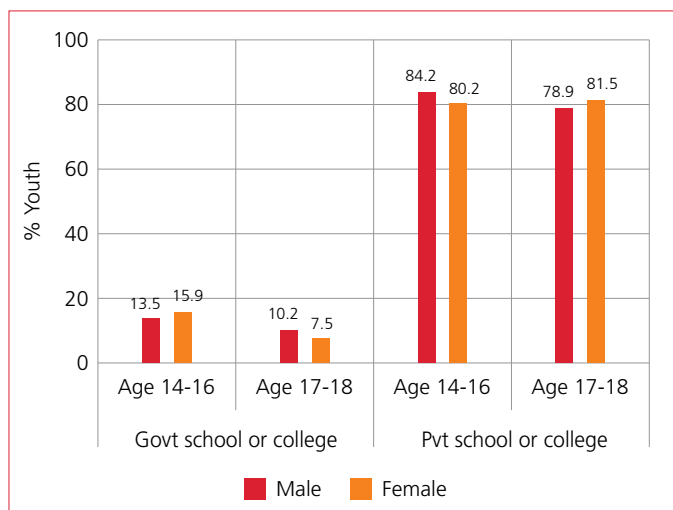
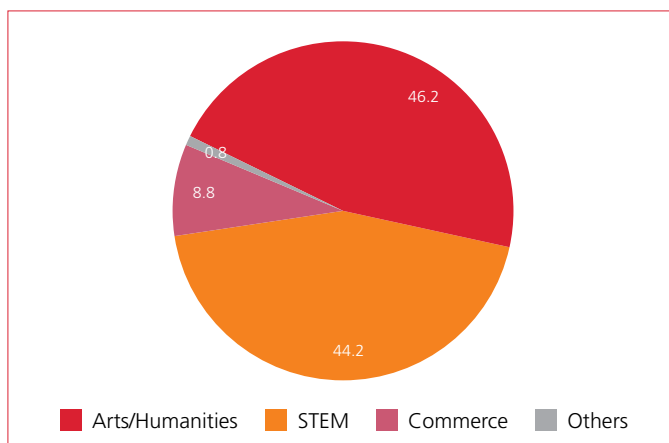


Chart 2: % Youth enrolled in Std XI or higher, by choice of stream



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	4.1	3.1	3.5
17-18	12.6	15.6	14.3
All youth	7.2	7.6	7.4

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	52.9	41.6	46.6
17-18	55.6	50.6	52.8
All youth	53.9	44.9	48.8

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.

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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	73.6	78.5	76.4
17-18	72.6	84.0	79.0

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	35.2	36.0	35.7
17-18	27.3	35.8	32.1

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	50.8	50.5	50.6
17-18	61.4	60.3	60.8

ASER READING TOOL

Std II level text

दिनुच्या गावातून एक सुंदर नदी वाहते. गावातील लोक तिथे रोज गुरे चरायला घेऊन जातात. एके दिवशी शहरातील काही लोक नदीकाठी फिरायला आले. त्यांनी त्यांचा कचरा नदीकाठी टाकला आणि ते निघून गेले. हे पाहून दिनुला खूप वाईट वाटले. त्याला एक कल्पना सुचली. त्याने आणि त्याच्या मित्रांनी तो परिसर साफ केला. नदीकाठी त्याने एक मोठी कचरापेटी ठेवली. आता लोक नदीकाठी घेतात पण कचरा त्या पेटीत टाकतात.

Std I level text

मामा गावात राहतो. गाव खूप सुंदर आहे. मला गावाला जायला आवडते. मामा मला घेऊन जातो.

Letters

ख ज ठ
त न
भ ल स
ग ढ

Words

आंबा गालू
भाजी गाल
पुरी तीन
मीठ कैरी
वही गाव

ASER ARITHMETIC TOOL

अंक ओळख 1 - 9	संख्या ओळख 11 - 99	उच्चावृत्ती	भागकार
3 6	32 84	92 35 - 68 - 17	7)883
9 2	65 43	73 41 - 55 - 24	4)537
4 7	55 18	53 96 - 38 - 77	6)778
8 5	72 37	81 64 - 56 - 35	8)925

ASER ENGLISH TOOL

शेरी अक्षर

R F J
T B
M K H

शेरी अक्षर

q z o
w a
d s c

शब्द

fun jug
hot
bat sun
dog

वाक्ये

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



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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	43.1	35.5	38.8	45.7	38.0	41.3
Adding weights	61.6	36.9	47.6	61.4	46.5	53.0
Measuring length (easy)	85.0	84.1	84.5	86.5	86.1	86.3
Measuring length (hard)	43.2	34.8	38.4	39.6	37.3	38.3
Applying unitary method	56.0	40.3	47.1	48.9	45.5	47.0

CALCULATING TIME

MEASURING LENGTH (EASY)

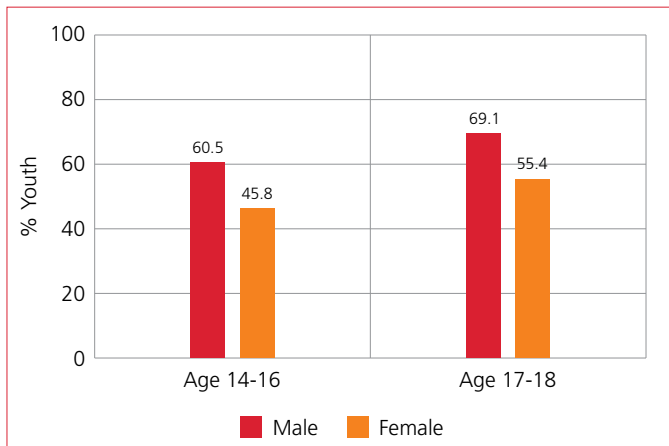
MEASURING LENGTH (HARD)

ADDING WEIGHTS

APPLYING UNITARY METHOD

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



READING AND UNDERSTANDING WRITTEN INSTRUCTIONS

ओ.आर.एस.
(जीवन रक्षक द्राव)

ओ.आर.एस. द्राव तयार करण्याची कृती

ओ.आर.एस. द्रावने प्रमाण पत्र आणि अतिवासाच्या मागीलनुसार घ्या.

मुले : 1 ते 2 लिटर द्राव 24 तासांच्या आत पाजा.

मोठे : 2 ते 4 लिटर द्राव 24 तासांच्या आत पाजा.

हा उष्ण ओटिंगर वाट सोडण्यास पावू नये.

सूचना :

- बनवलेला द्राव झारून ठेवा व 24 तासांच्या आत त्याचा वापर करा.
- उरलेला द्राव फेकून द्या.

हे पॅकेट सूचना व बंद जागी ठेवा.
किंमत : 22 रुपये
उत्पादनाची तारीख : मार्च 2022
समाप्तीची तारीख : फेब्रुवारी 2025

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	58.8	50.7	54.2	68.9	55.2	60.7
Applying a discount	46.0	26.0	34.6	56.3	29.9	40.5
Calculating repayment	18.7	8.3	12.7	13.6	7.1	9.7

MANAGING A BUDGET

पैशांची सूची

कोंफी ₹ 16

चहा ₹ 12

चिप्स..... ₹ 20

कोल्ड्रिंक..... ₹ 25

चॉकलेट ₹ 14

APPLYING A DISCOUNT

सेल !!!
10% सूट

M.R.P. ₹500

CALCULATING REPAYMENT

बँकेचे नाव	कर्जावरील व्याज दर
हमारा बँक	14% दर साल
पैसा बँक	12% दर साल
नया बँक	13% दर साल

कर्जाची किंमत = ₹ 20,000

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Access and ownership of digital devices

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

Age group and sex	% Youth who:			Of those who can use a smartphone, % who have their own smartphone	
	Have a smartphone at home	Could bring a smartphone to do digital tasks*	Can use a smartphone		
14-16	Male	87.6	60.2	92.2	24.1
	Female	88.1	48.1	89.1	7.9
	All	87.9	53.4	90.4	15.1
17-18	Male	93.6	72.5	97.2	68.5
	Female	91.0	53.2	94.4	22.0
	All	92.1	61.7	95.6	42.6
14-18	Male	89.8	64.7	94.0	40.8
	Female	89.2	50.0	91.0	13.2
	All	89.4	56.4	92.3	25.5



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	94.9	41.0	35.4	54.8
	Female	87.7	33.2	18.0	24.3
	All	90.9	36.8	26.1	38.4
17-18	Male	96.9	66.3	64.8	75.3
	Female	89.7	47.3	36.8	44.0
	All	92.9	56.1	49.8	58.5

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	% Youth who did the following activities online:			
	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	
14-16	Male	73.7	33.3	87.1
	Female	70.7	16.4	77.9
	All	72.0	23.8	82.0
17-18	Male	69.4	58.4	87.4
	Female	70.0	22.2	74.0
	All	69.7	38.0	80.0

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
उद्या सकाळी 8.30 वाजता	भारताची पहिली महिला राष्ट्रपती	Maps (मॅप्स)	PMGDISHA Module 1 (पी.एम.जी.दिशा मॉड्यूल 1)

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:				Of those who found video, % able to share it	
		Setting an alarm	Browsing for information	Using Google Maps	Finding YouTube video		
14-16	Male	60.2	67.1	74.4	47.2	73.9	85.1
	Female	48.1	47.2	67.4	23.8	71.7	84.6
	All	53.4	57.0	70.9	35.3	72.8	84.9
17-18	Male	72.5	75.3	65.0	51.4	76.2	95.1
	Female	53.2	58.6	79.5	29.1	77.7	82.7
	All	61.7	67.2	72.1	40.6	76.9	89.1

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