

Gujarat MAHESANA (RURAL)

ANALYSIS BASED ON DATA FROM 1,301 YOUTH IN 1,191 HOUSEHOLDS IN 60 VILLAGES
 Data is not presented where sample size is insufficient.

Background information	State	District
Total population	6,97,88,000	3.4% of state population
Schools with Std VIII per 100000 population	44	42
Schools with Std IX-X per 100000 population	17	16
Schools with Std XI-XII per 100000 population	12	10
% Senior secondary schools (with Std XI-XII) that offer science stream	28.8	27.8

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	73.1	17.5	1.7	7.7	100
	Female	61.9	16.6	2.1	19.5	100
	All	67.3	17.0	1.9	13.8	100
17-18	Male	4.2	28.0	27.8	40.0	100
	Female	5.1	32.7	24.0	38.3	100
	All	4.7	30.4	25.8	39.1	100
14-18	Male	48.8	21.2	10.9	19.2	100
	Female	41.8	22.3	9.8	26.1	100
	All	45.2	21.7	10.3	22.7	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

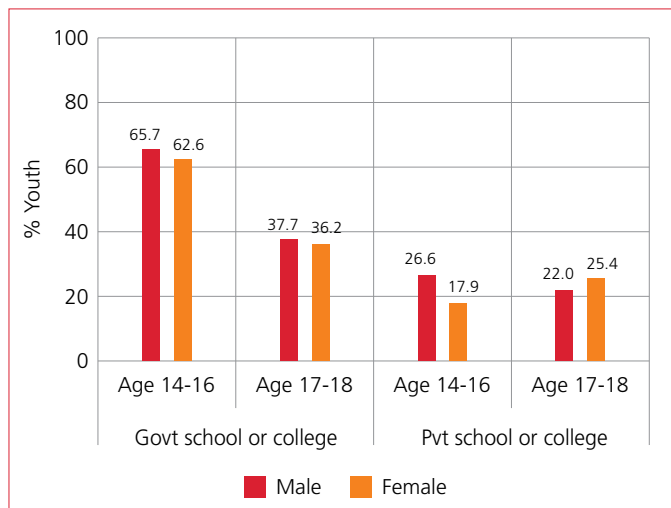
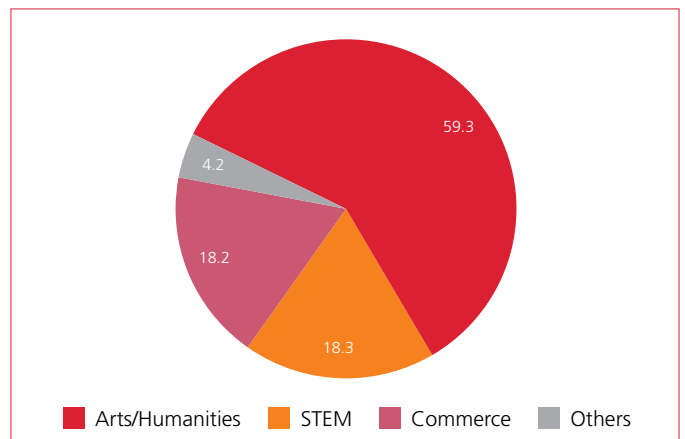


Chart 2: % Youth enrolled in Std XI or higher, by choice of stream



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	1.8	2.3	2.1
17-18	15.2	9.6	12.3
All youth	6.5	4.9	5.7

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	23.1	19.3	21.1
17-18	41.5	33.0	37.2
All youth	29.6	24.1	26.8

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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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	85.1	91.4	88.4
17-18	83.2	87.2	85.2

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	54.3	51.7	53.0
17-18	46.2	50.1	48.2

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	63.1	62.3	62.7
17-18	65.0	66.8	65.9

ASER READING TOOL

Std II level text

નદીમના ગામ પાસે એક સુંદર નદી વહે છે. ગામના લોકો નદી કિનારે ઢોર ચરાવે અને ફરવા આવે છે. એક દિવસ શહેરમાંથી કેટલાક લોકો નદી કિનારે ફરવા આવ્યા. તેઓએ નદી કિનારે કચરો ફેંક્યો અને ચાલ્યા ગયા. આ જોઈને નદીમને એક વિચાર આવ્યો. તેમણે નદી કિનારે કેટલીક કચરા ટોપલી ખૂંટી. હવે લોકો ફરવા આવે છે પણ ગંદકી થતી નથી.

Std I level text

રિયાના ઘરે સગાઈ છે. ઘણા લોકો રિયાના ઘરે આવશે. બધાં નવા કપડાં પહેરશે. સગાઈમાં બધાં ગરબા રમશે.

Letters

ક ઈ ઝ
ત મ
હ ઢ ફ
ગ થ

Words

કેરી આગ કોરી
નાની પર
ખૂબ કાન
ચાલ ચાલ
લીલી ગાબા

ASER ARITHMETIC TOOL

અંક યોગ્ય 1-9	સંખ્યા યોગ્ય 11-99	બાદબાકી	ભાગકાર
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

બેંગલ શબ્દો

R F J
T B
M K H

બેંગલ શબ્દો

q z o
w a
d s c

બેંગલ શબ્દો

fun jug
hot
bat sun
dog

બેંગલ શબ્દો

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	58.5	52.9	55.6	56.1	55.4	55.8
Adding weights	77.1	60.6	68.7	74.0	62.6	68.2
Measuring length (easy)	88.4	89.1	88.8	88.7	82.6	85.6
Measuring length (hard)	49.5	43.8	46.6	55.6	41.4	48.3
Applying unitary method	55.5	47.3	51.3	61.2	50.8	55.8

Calculating Time

Measuring Length (Easy)

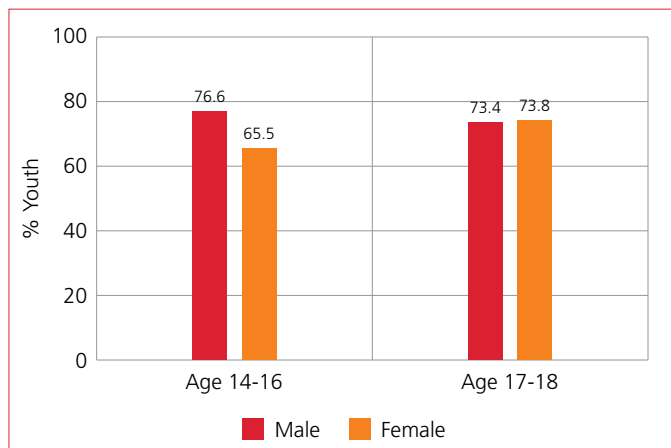
Measuring Length (Hard)

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

ઓ.આર.એસ.
(જીવન રક્ષક મિશ્રણ)

ઓ.આર.એસ. મિશ્રણ તૈયાર કરવાની રીત

ઓ.આર.એસ.ના મિશ્રણની માત્રા સરાની વેબીસતને જોઈને આપો.
બાળક : 1 થી 2 લીટર મિશ્રણને 24 ક્લાકની અંદર પીવડાવો.
પુખ્ત : 2 થી 4 લીટર મિશ્રણને 24 ક્લાકની અંદર પીવડાવો.
આ રીતને જ્યાં સુધી સરા ઓપ ન થાય ત્યાં સુધી ચાલુ રાખો.

સૂચના :

- બનાવેલ મિશ્રણને ઠંડીને રાખો અને 24 ક્લાકની અંદર તેનો ઉપયોગ કરી લો.
- આ પેકેટને સુકી જગ્યામાં રાખો

કિંમત : 22 રૂપિયા
ઉત્પાદનની તારીખ : માર્ચ 2022
સમાપ્તિની તારીખ : ફેબ્રુઆરી 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	69.5	64.9	67.1	77.6	64.7	70.8
Applying a discount	50.2	36.0	42.8	57.5	45.6	51.2
Calculating repayment	18.7	8.6	13.5	33.1	10.9	21.4

MANAGING A BUDGET

APPLYING A DISCOUNT

CALCULATING REPAYMENT

બેન્કનો વ્યાજ દર	વોન (વ્યાજ) વ્યાજ દર
હમારા બેન્ક	14% પ્રતિવર્ષ
પેસા બેન્ક	12% પ્રતિવર્ષ
નવી બેન્ક	13% પ્રતિવર્ષ

વોનની રકમ = 20,000 રૂપિયા

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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	96.9	80.3	98.7	32.5
	Female	95.1	71.5	94.7	15.2
	All	95.9	75.8	96.7	23.8
17-18	Male	98.5	89.9	98.4	74.8
	Female	97.1	75.6	97.2	34.8
	All	97.8	82.6	97.8	54.5
14-18	Male	97.5	83.7	98.6	47.6
	Female	95.8	72.9	95.6	22.3
	All	96.6	78.2	97.1	34.8



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	93.6	60.3	54.4	61.9
	Female	91.3	44.1	35.0	38.0
	All	92.4	52.3	44.7	50.0
17-18	Male	98.6	82.6	80.7	84.0
	Female	92.9	61.3	48.3	47.9
	All	95.7	72.1	64.6	66.1

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	66.2	31.6	87.1
	Female	67.1	16.0	82.2
	All	66.7	23.5	84.6
17-18	Male	55.4	57.5	92.6
	Female	57.0	28.9	78.5
	All	56.2	42.9	85.4

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
આવતી કાલે સવારના 8:30 વાગે ભારતના પ્રથમ મહિલા રાષ્ટ્રપતિ		Maps (મેપ)	PMGDISHA Module 1 (પી. એમ. જી. ઢિશા મોડ્યુલ 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	80.3	84.8	74.8	59.2	85.7	96.8
	Female	71.5	69.6	72.6	36.4	84.8	92.7
	All	75.8	77.4	73.8	48.2	85.2	94.8
17-18	Male	89.9	82.5	72.6	68.4	88.3	98.7
	Female	75.6	77.4	71.6	52.3	86.9	92.5
	All	82.6	80.1	72.1	60.9	87.7	95.8

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