

Annual Status of Education Report

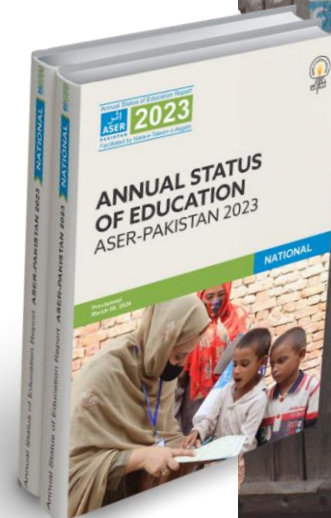
اثر  
ASER

2023

PAKISTAN

Facilitated by Idara-e-Taleem-o-Aagahi

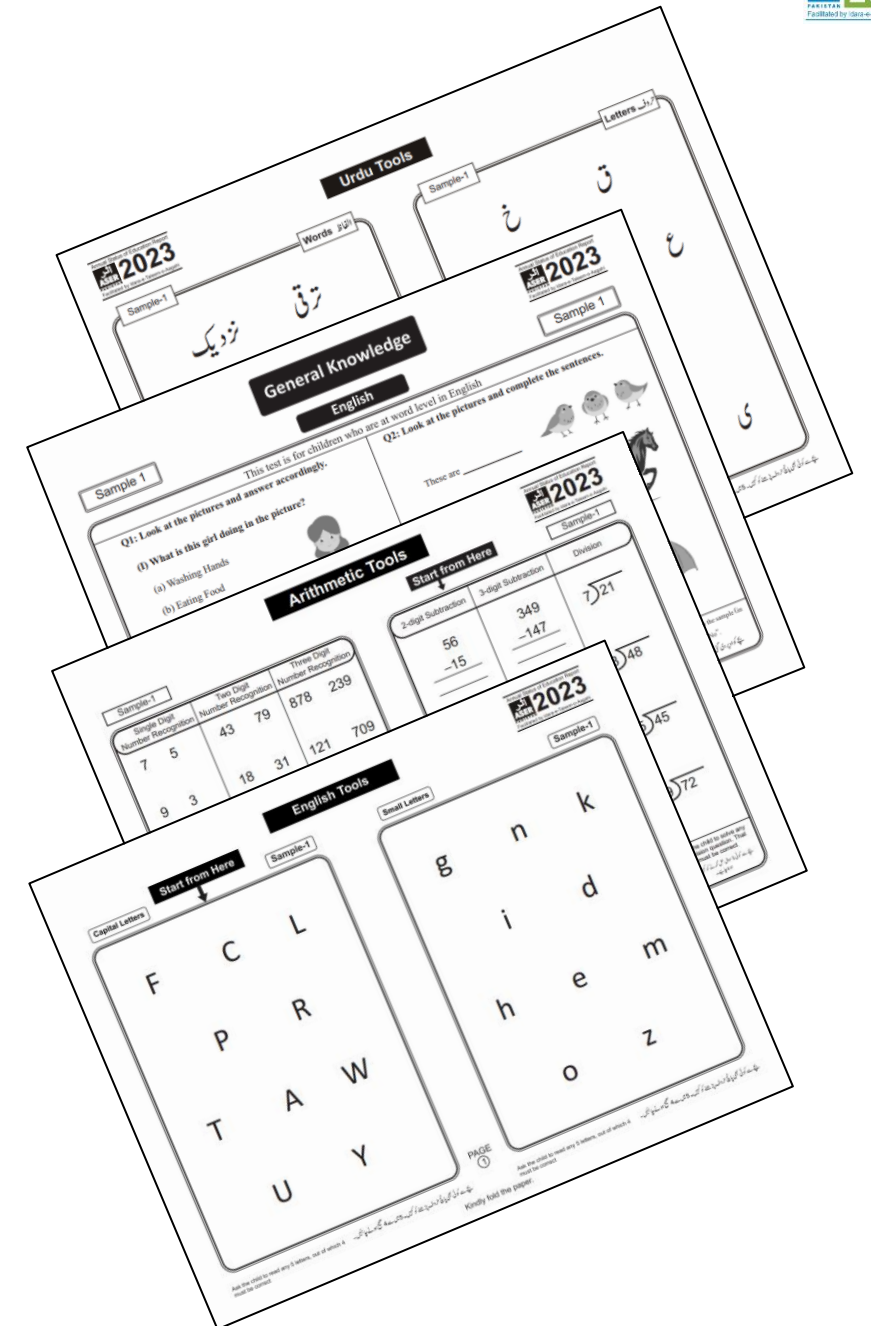
# Annual Status of Education Report (ASER) Survey Findings



Foundational Learning Assessment

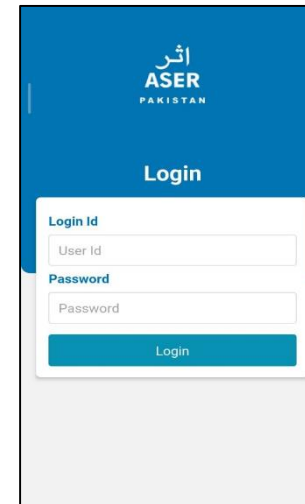
# ASER Assessment Tools

- ASER Assessment Tools test basic competencies in Urdu/Sindhi Reading, Arithmetic, English and General Knowledge:
  - Reading (Urdu/Sindhi)
  - Arithmetic
  - English
  - General Knowledge
- Assessment on Class II level curriculum/SLOs in Urdu/Sindhi, English and Arithmetic
- Arithmetic tool covers number recognition for single, double and 3-digits & word problems in operations
- ASER survey includes Household and School level questionnaires

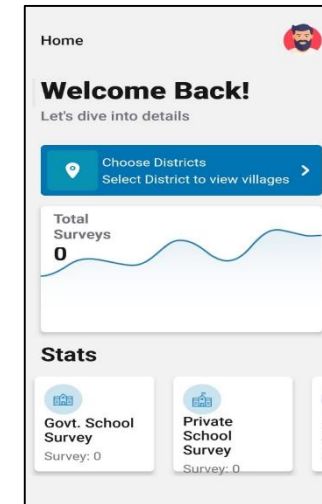


# ASER 2023 Cycle –Data Collection through Mobile App

- Real time data collection, reporting & analysis on ASER app
- **App allows multiple users** with varying levels of data access: Super Admins, Master Trainers, and Volunteers
- **Linked to an interactive dashboard** for use by ASER team and MTs from ASER partner organizations for monitoring data collection, data visualization, and user management
- **An integrated database** developed; data being uploaded through pen & paper-based surveys & the ASER mobile app can be consolidated



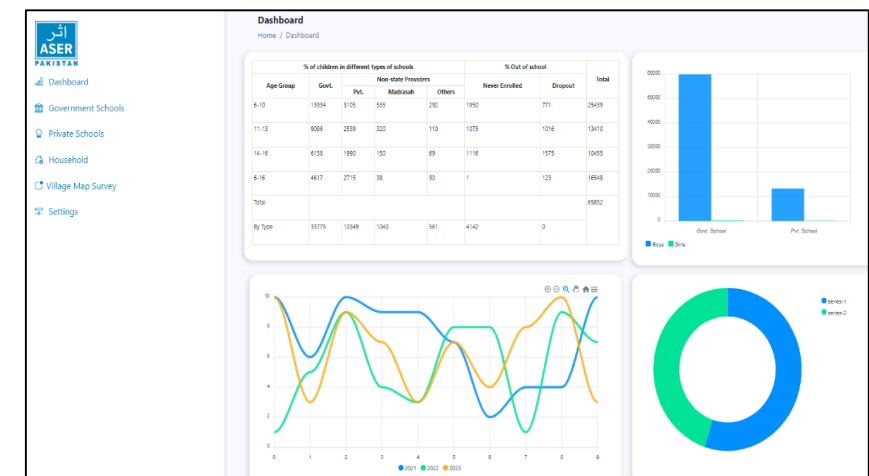
ASER App user authentication



ASER App Home Screen



Survey Categories



ASER App's Interactive Dashboard

# ASER Survey Sampling Methodology and Sample Size

ASER 2023 sample coverage: National, KP Rural & Urban

## ASER 2023 – Rural Survey:

- Two-stage stratified random sampling
- Villages as **Primary Sampling Units (PSUs)** and households (HHs) as **Secondary Sampling Units (SSUs)**
- 30 villages from each district (PSUs) are selected using the **Probability Proportional to Size (PPS)** method
- From each village, 20 HHs were selected using the “*Left-hand side*” rule

## ASER 2023 – Urban Survey:

- ASER urban covered **1154 PSUs**. (Urban PSUs provided by the **Pakistan Bureau of Statistics -PBS**)
- From each PSU, **20 households (SSUs)** were sampled using systematic random sampling

Sample Distribution	National	KP Rural	KP Urban
Districts	151 Rural and 123 Urban	34 Districts	23 Districts
Primary Sampling Units (PSUs)	4381 Villages 1154 Enumeration blocks	1020 villages	224 Blocks
Number of Children Surveyed 3-16 years	272370 (Girls: 118,579) (Transgender: 1,993)	43,488 (Girls: 16,245) (Refugees: 2,513)	10,596 (Girls: 4,040) (Refugees: 105)
Number of Children Assessed 5-16 years	200,987 (Girls: 84,216) (Transgender: 1,272)	31,618 (Girls: 10,627)	9,755 (Girls: 3,701)

**Total HHs: 106,974 National (Urban & Rural).**  
**KP Rural HHs 20,565 & Urban HHs 4,423**

**Disclaimer:** *"The ASER National Rural Survey is representative at the district-level whereas the ASER National Urban Survey is representative of urban divisions. The National Rural and Urban Surveys are based on distinct methodologies (refer to Technical Note). However, **only for summary purposes** a national consolidated report of the two surveys is shown in the National Report Card. Given the stark contrast in indicators by location (rural/urban) there is merit in considering the two surveys individually and drawing comparisons."*

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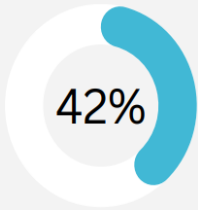
# NATIONAL FINDINGS



# Enrollment Age Groups (3-5) & (6-16) – National 2023

## National - Urban & Rural

### 3-5 Years



Gov't Schools



69%

Pvt. Schools



31%

### 6-16 Years



Gov't Schools



66%

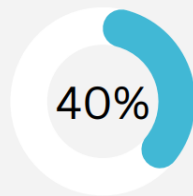
Pvt. Schools



34%

## National - Rural

### 3-5 Years



Gov't Schools



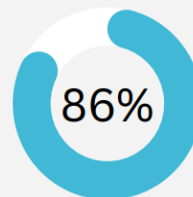
78%

Pvt. Schools



22%

### 6-16 Years



Gov't Schools



77%

Pvt. Schools



23%

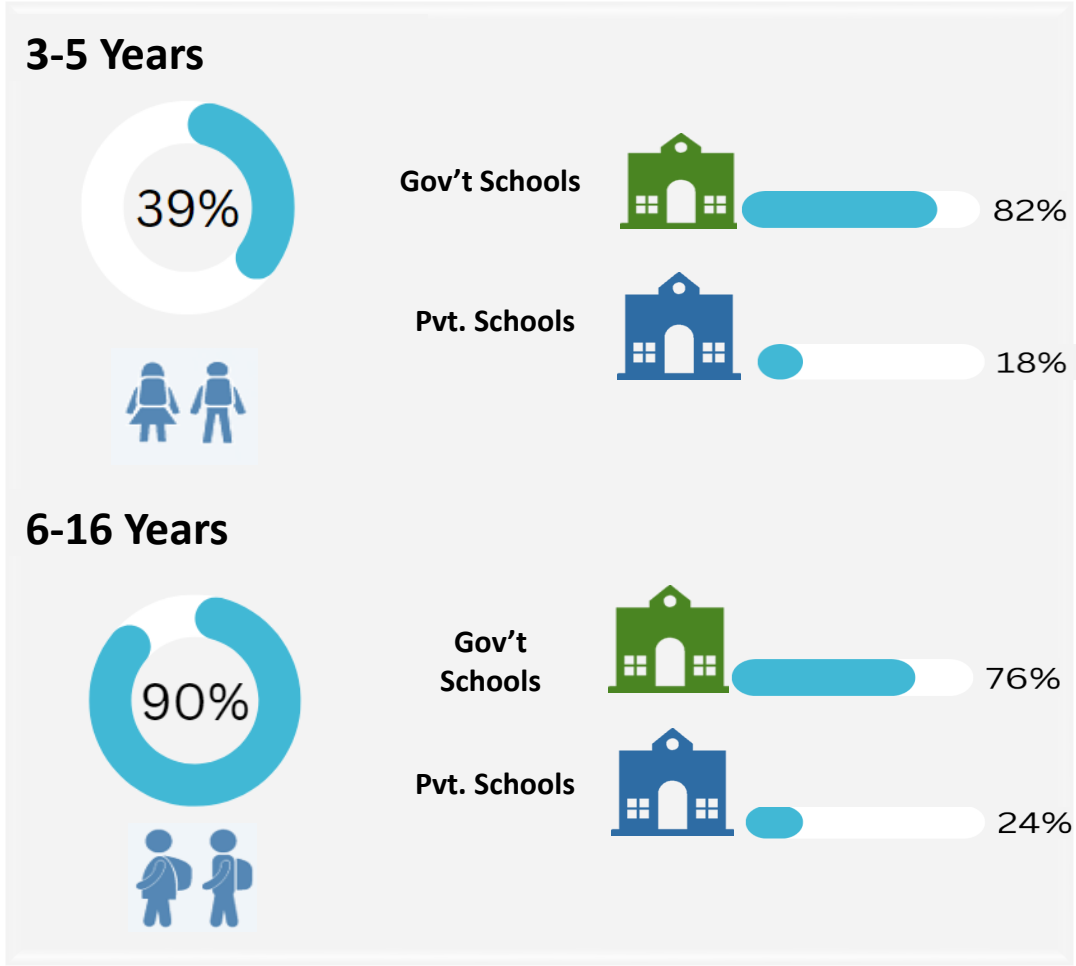
## National Rural (3-5 years) ECE

Proportion of enrolled children has increased to **40%** in **2023** compared to **2021 (38%)**

## National Rural (6-16 years)

In **2023**, % of children enrolled has increased to **90%** (**81% in 2021**), proportion of OOSC has decreased compared to **2021 (19%)**

# Enrollment–Rural ECE & 6-16 Years



## KP Rural (3-5 years) ECE

Proportion of enrolled children has increased to **39%** in **2023** compared to **2021 (30% in 2021)**

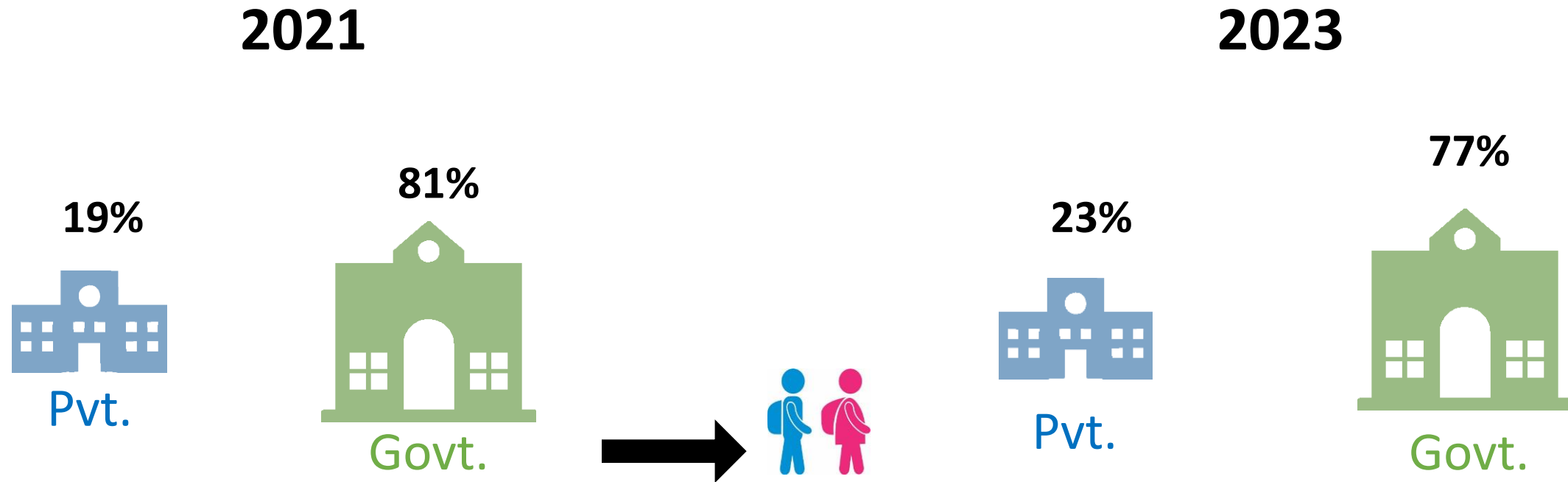
## KP Rural (6-16 years)

In **2023**, % children enrolled increased to **90%** (**73%** in **2021**)

OOSC has decreased in 2023 (**10%**) compared to **2021 (27%)**

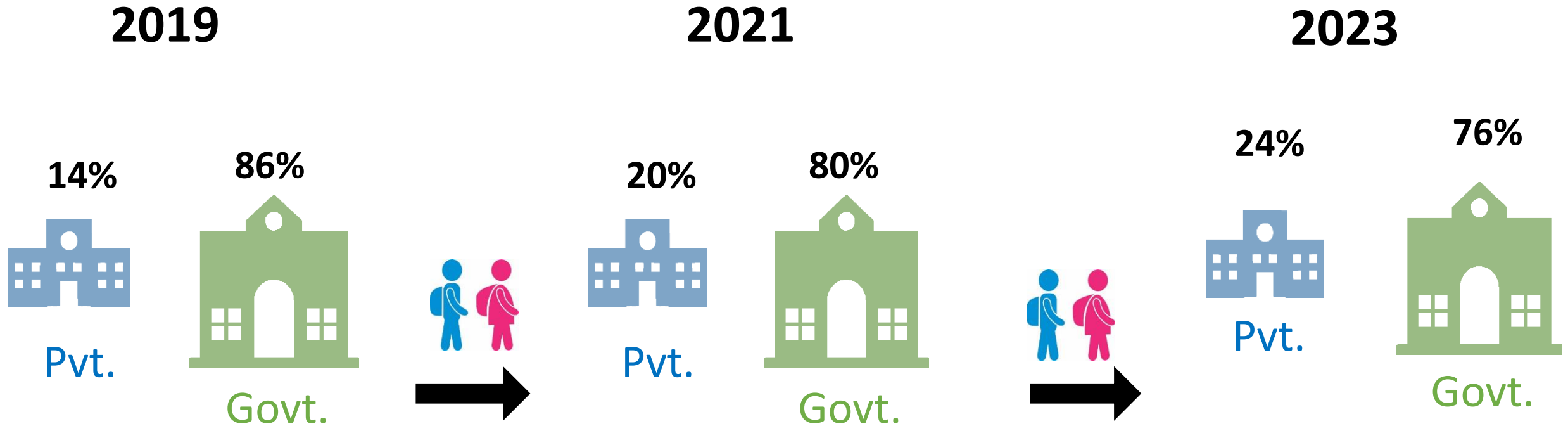


# Shift in Enrollment (6-16 Years) From Government to Private Schools – National Rural



*In 2023, the share of children going to state/government schools has decreased*

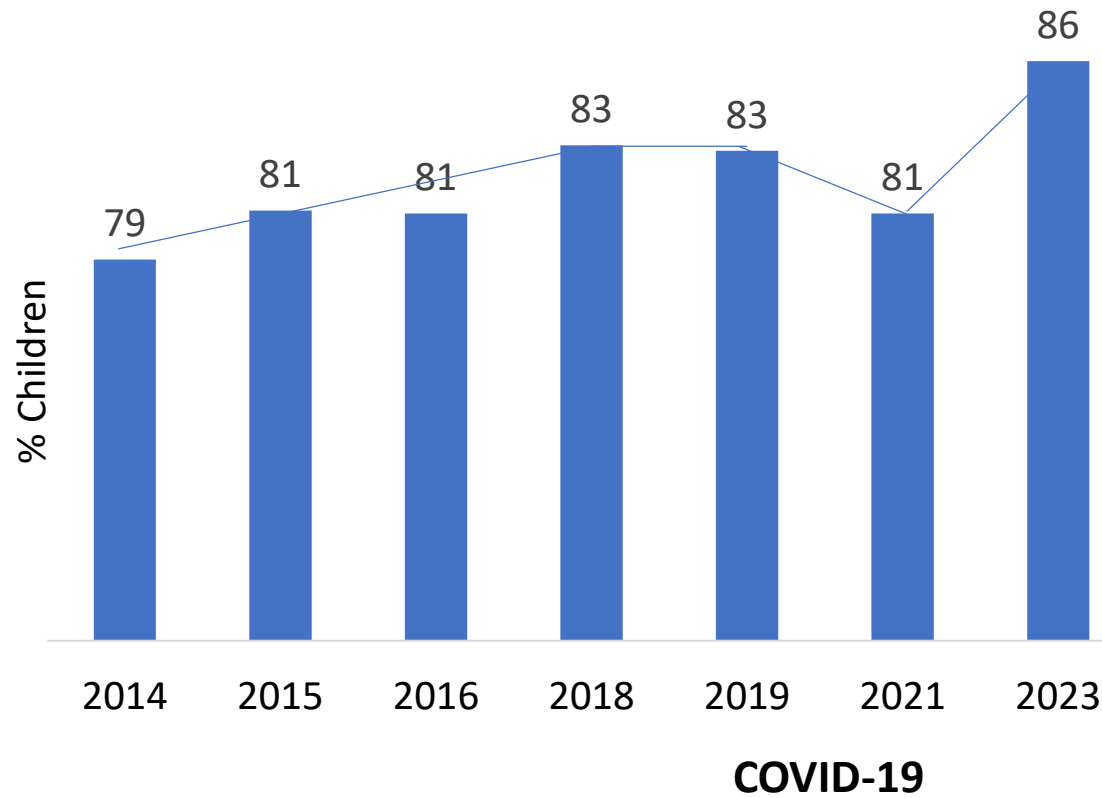
# Shifts in Enrollment (6-16 Years) – KP Rural



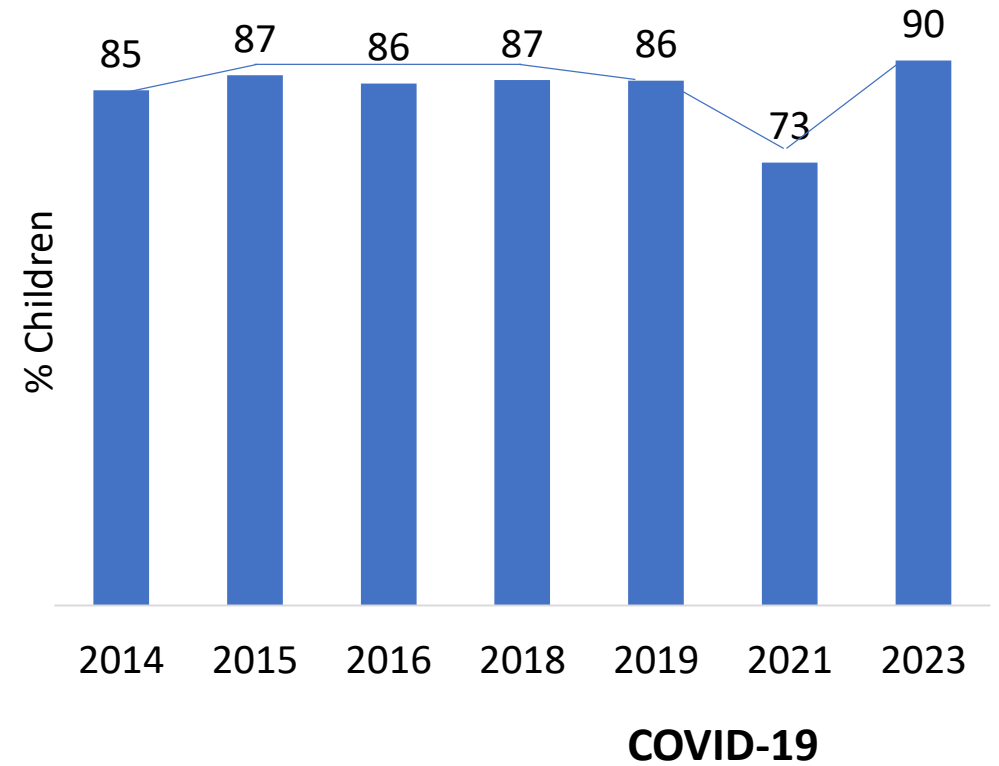
*In 2023, the share of children going to state/government schools has decreased to 76 % (80% in 2021). Private schools' share increased from 14% in 2019 to 24% in 2023*

# Enrollment Trends (6-16 Years) –Rural

## National



## Khyber Pakhtunkhwa



# Provincial Comparison - Rural

AJ&K has the highest percentage of children (Age 6-16 years) enrolled – AJ&K (98%)



**75%**

**Balochistan**  
**62% (2021)**



**93%**

**Punjab**  
**86% (2021)**



**90%**

**Khyber Pakhtunkhwa**  
**73% (2021)**



**94%**

**Gilgit Baltistan**  
**90% (2021)**



**86%**

**Sindh**  
**76% (2021)**



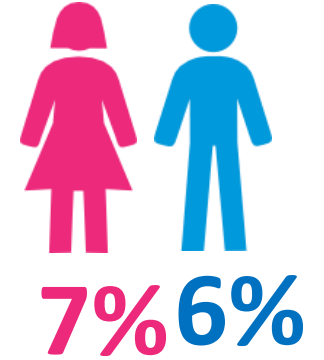
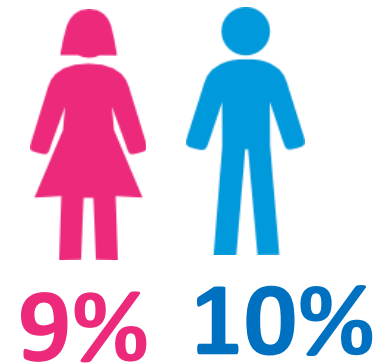
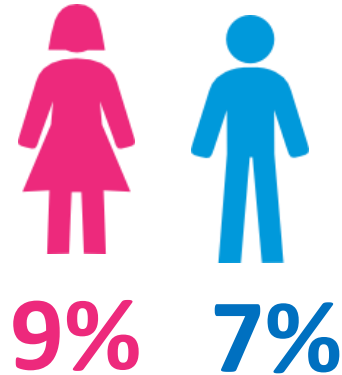
**98%**

**Azad Jammu & Kashmir**  
**92% (2021)**

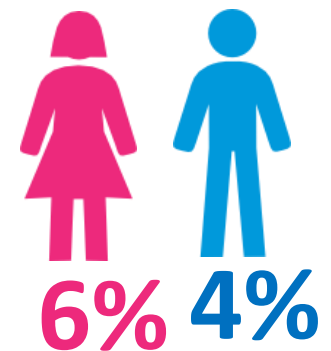
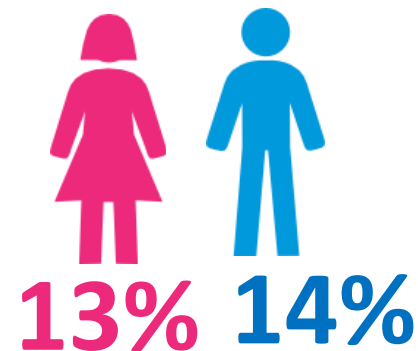
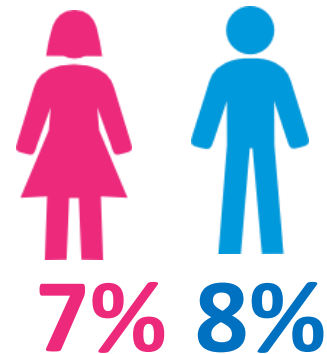
# Gender Gap in Out-of-School Children (6-16) - Rural



National

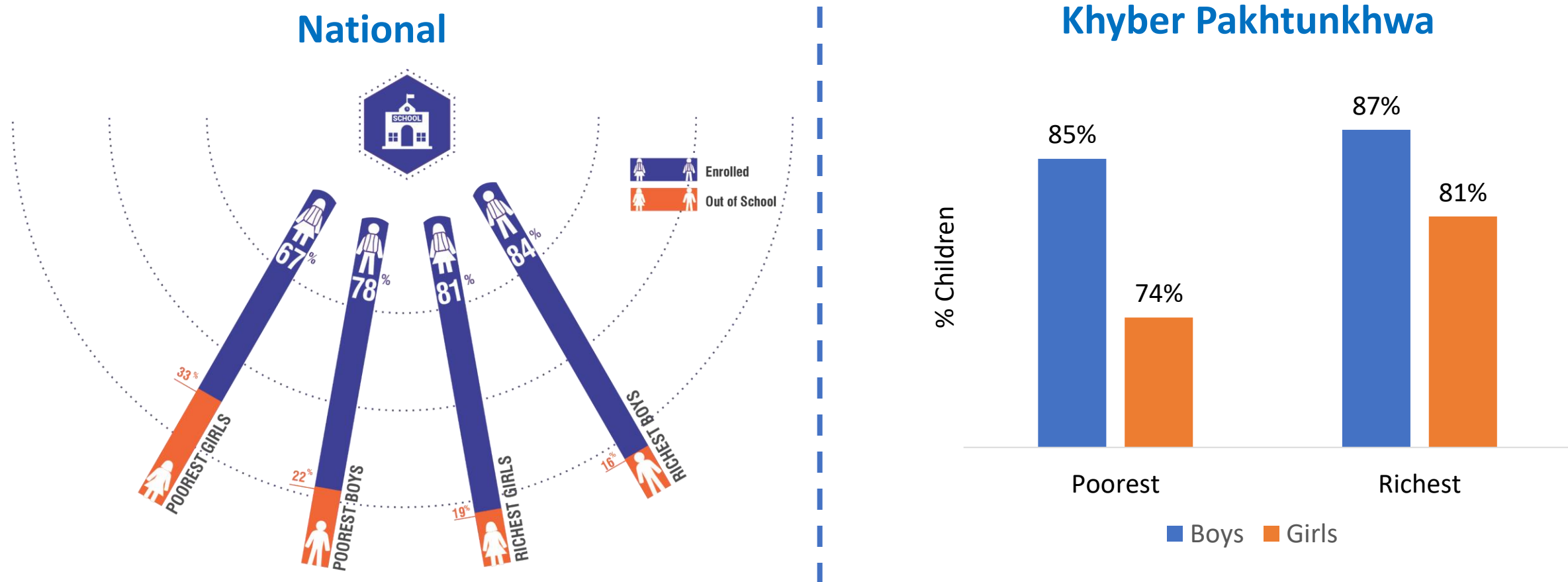


KP



*Gender gaps persist but more girls and boys are going to school as compared to 2021 (National & KP). The gender gap is narrowing nationally and in KP (2019, 2021, 2023)*

# Enrollment (6-16 Years) by Wealth Quartiles & Gender - Rural

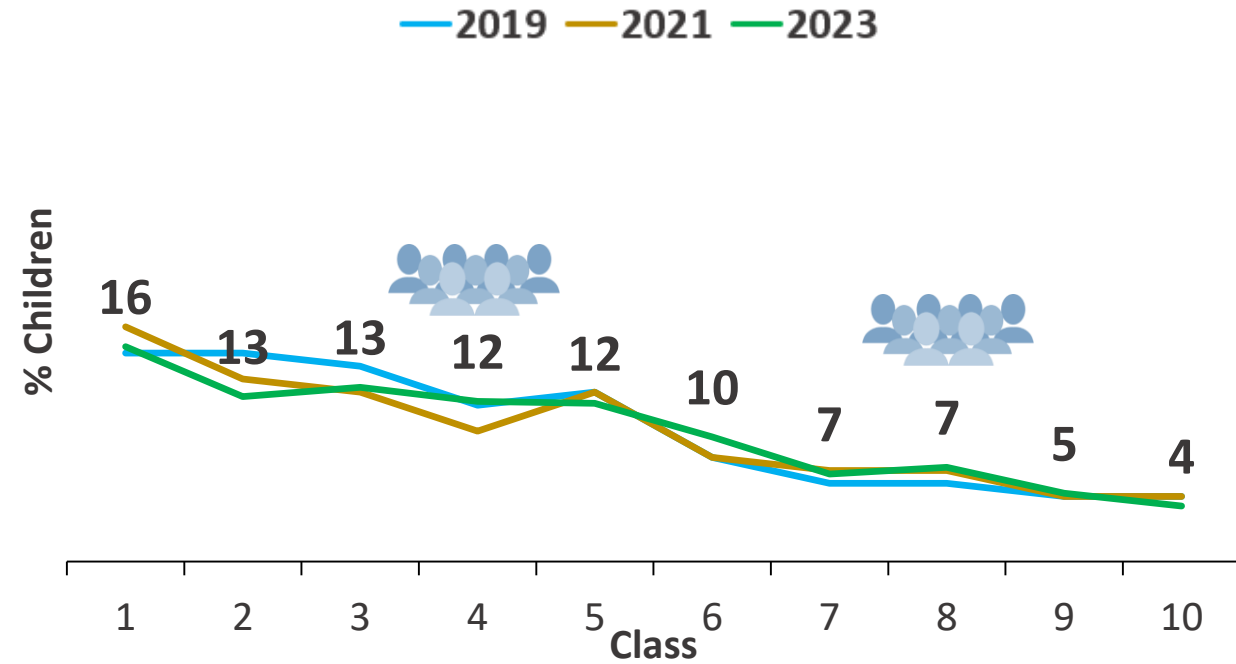


**National level:** 33% of the poorest girls are out of school compared to 19% of the richest girls. Of the poorest households, 22% boys are out of school compared to 33% girls (an 11% intra-quartile/intra wealth difference)

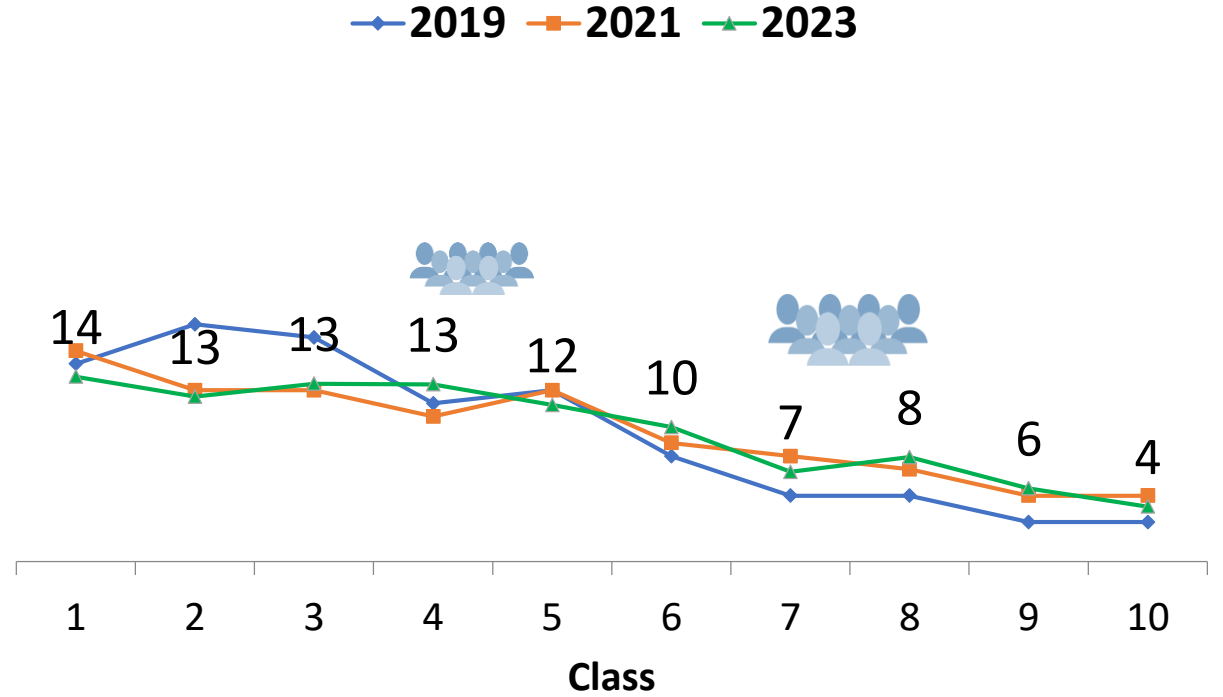
**Khyber Pakhtunkhwa:** 26% of the poorest girls are out of school as compared to 19% of the richest girls. Of the poorest households, 15% boys are out of school as compared to 26% girls ( 10% intra-quartile/intra wealth difference)

# Grade-wise Enrollment – Rural

## National



## Khyber Pakhtunkhwa



*Supply Side Challenge at post primary!*

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# LEARNING LEVELS



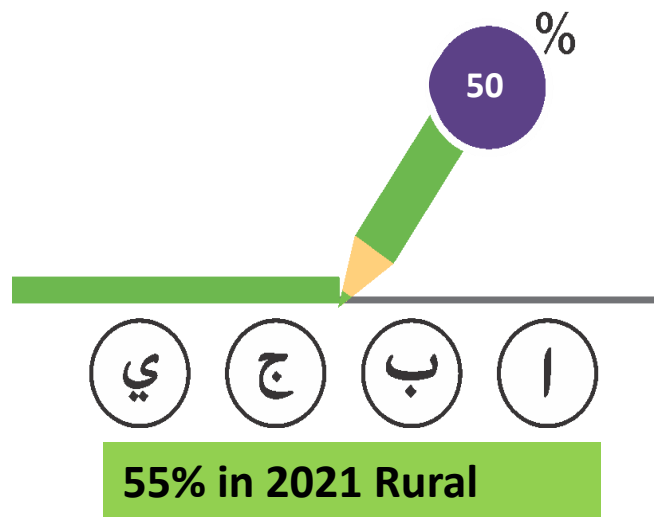


# Learning Levels Class 5

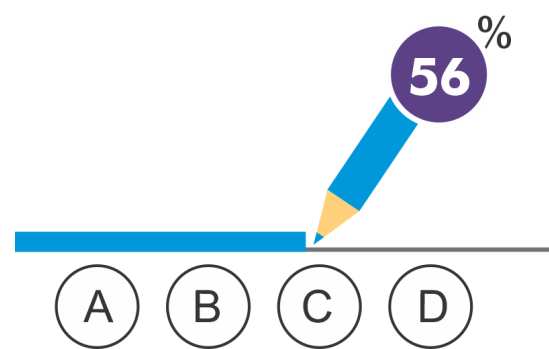
CAN READ STORY IN URDU  
(URBAN & RURAL)



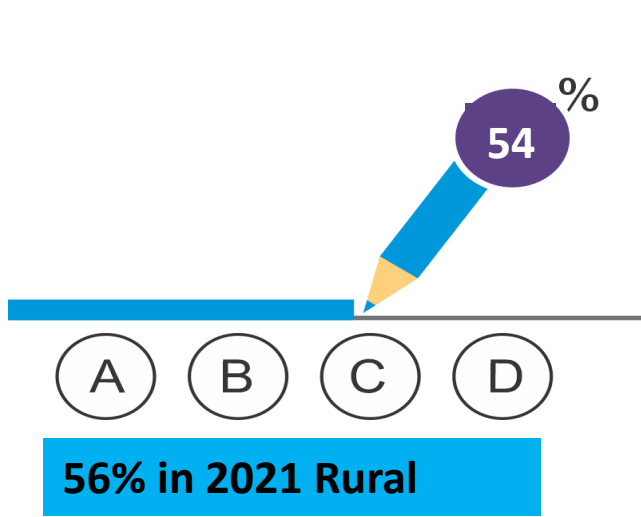
CAN READ STORY IN  
URDU - RURAL



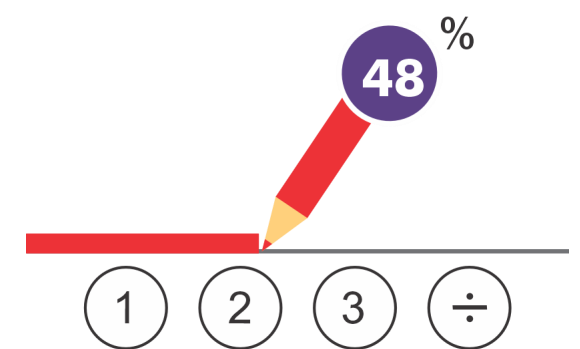
CAN READ SENTENCES IN ENGLISH  
(URBAN & RURAL)



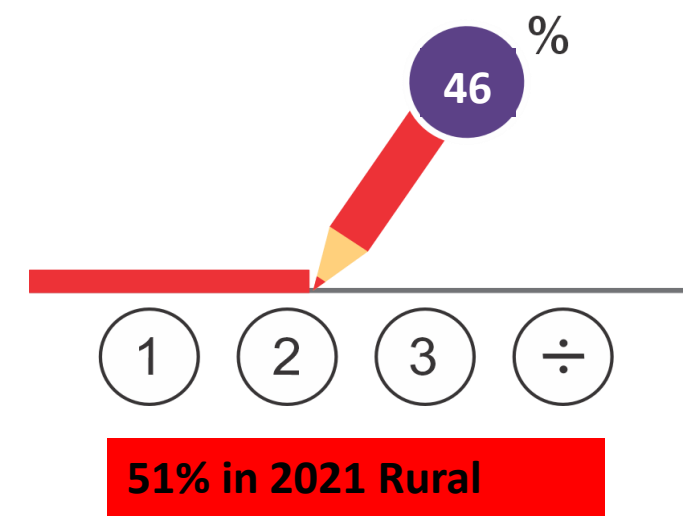
CAN READ SENTENCES IN  
ENGLISH - RURAL



CAN DO 2-DIGIT DIVISION IN ARITHMETIC  
(URBAN & RURAL)

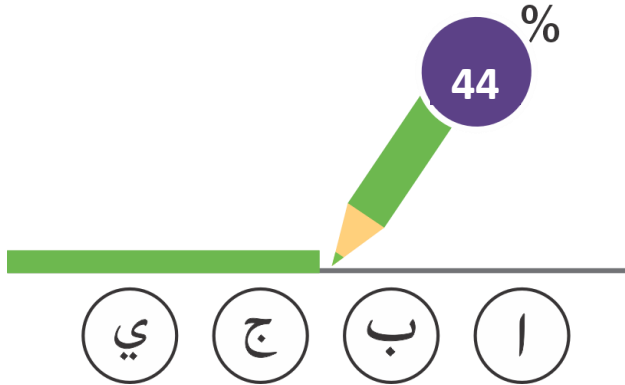


CAN DO 2 DIGIT DIVISION  
IN ARITHMETIC - RURAL



# Learning Levels Class 5 - KP Rural

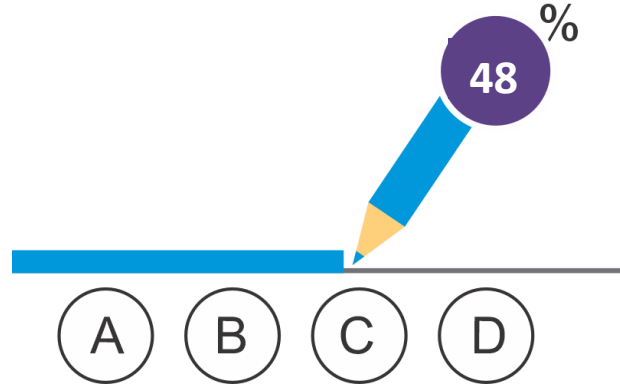
CAN READ STORY IN  
URDU



50% in 2021

55% in 2019

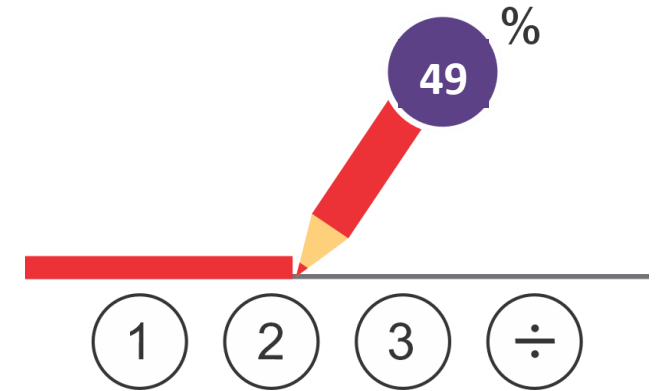
CAN READ SENTENCES IN  
ENGLISH



54% in 2021

60% in 2019

CAN DO 2-DIGIT DIVISION  
IN ARITHMETIC



50% in 2021

53% in 2019

In KP Learning crisis has not recovered from Covid-19; deteriorated further in **2023- Needs Urgent Action!**

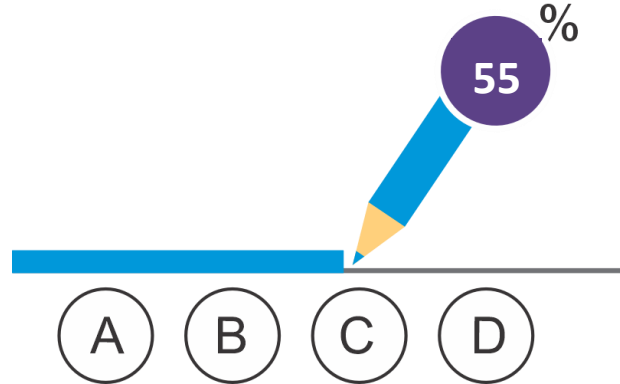
# Learning Levels Class 5 - KP Urban

CAN READ STORY IN  
URDU



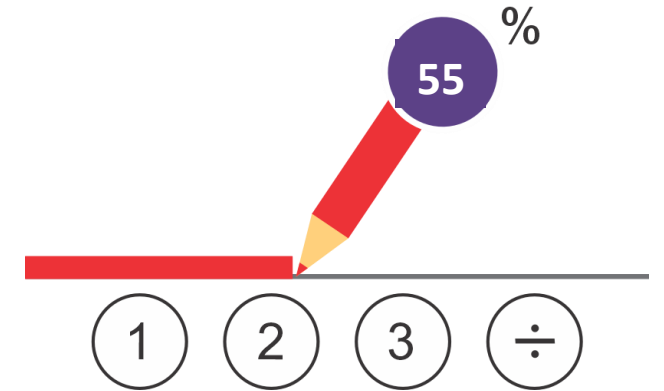
2023 Rural: 44%

CAN READ SENTENCES IN  
ENGLISH



2023 Rural: 48%

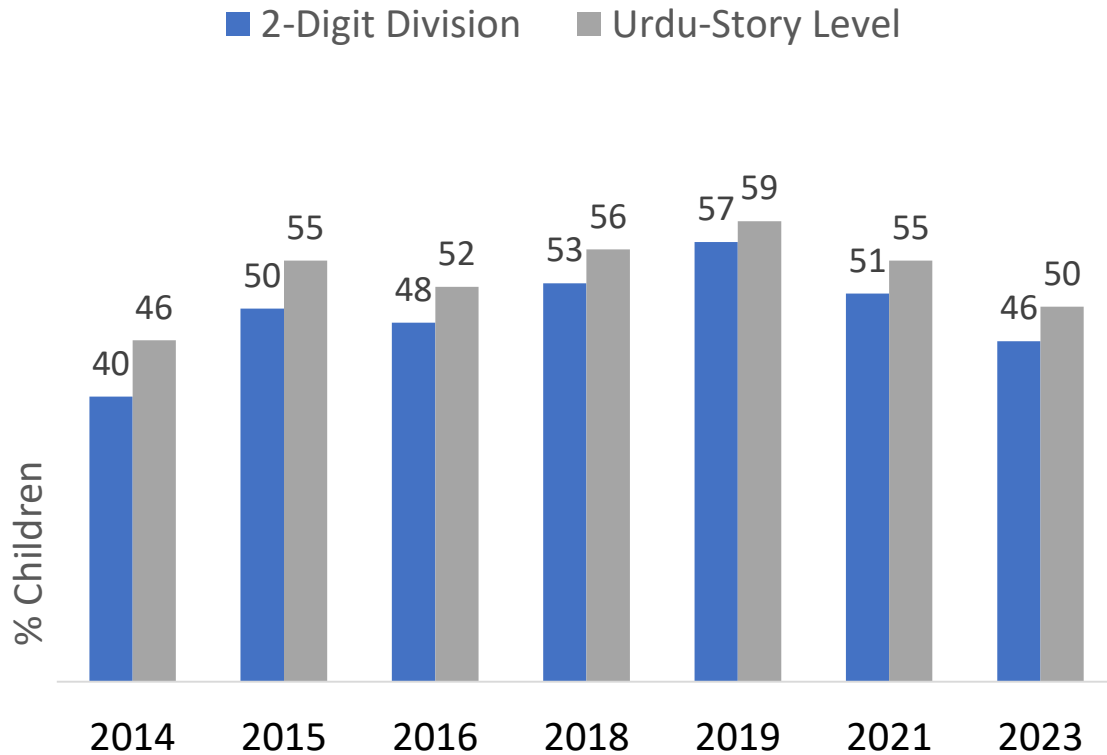
CAN DO 2-DIGIT DIVISION  
IN ARITHMETIC



2023 Rural: 49%

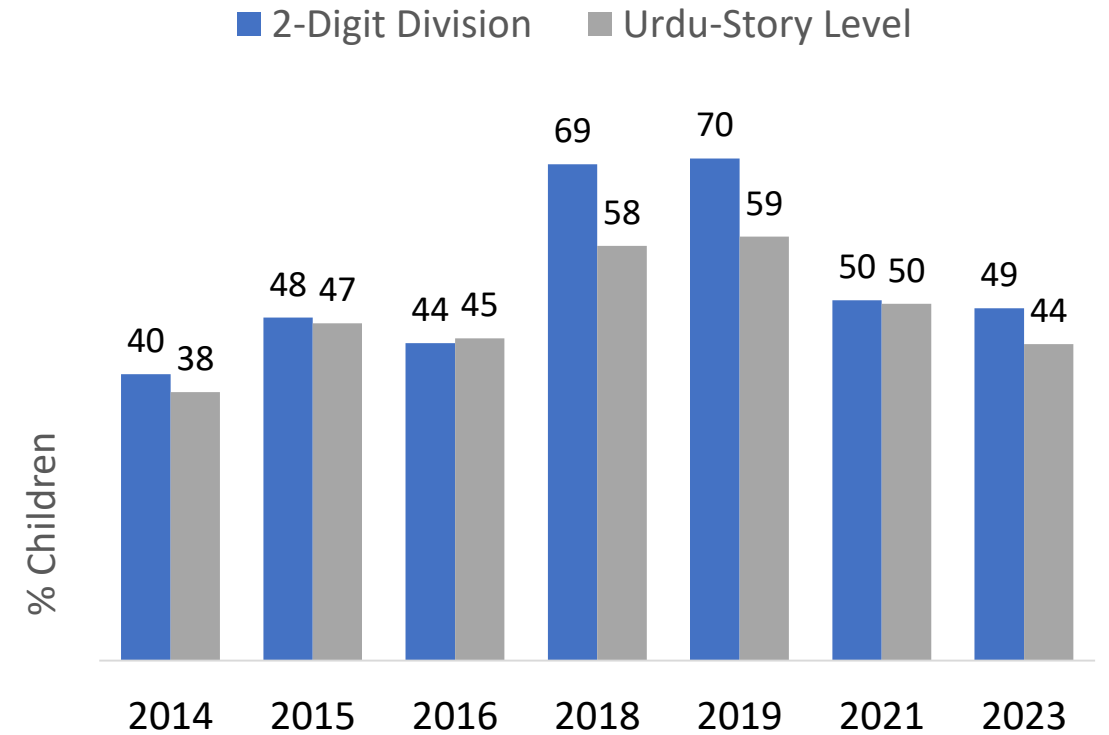
# Learning Levels Trends - Class 5 Rural

## National



Learning Gains from 2014-2019 (Arithmetic/Literacy)  
Learning Dips due to COVID-19 & Floods for **2021-2023**

## Khyber Pakhtunkhwa



Learning gains 2014-2019 Literacy: 38-59%; **Dip-2021-23**  
Learning gains 2014-2019 Numeracy: 40-70%; **Dip- 2021-24**

# Learning Levels - Rural

Provincial Comparison- Punjab, AJK Leading!

## COMPARISON

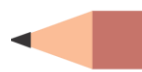
Class 5 (5-16 Years)



WHO CAN READ SENTENCES IN  
**ENGLISH**

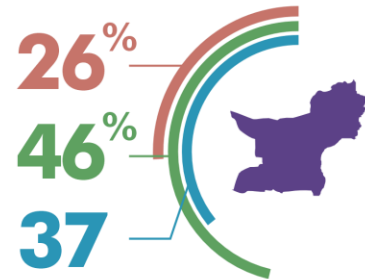


WHO CAN READ STORY IN  
**URDU/SINDHI/PASHTO**

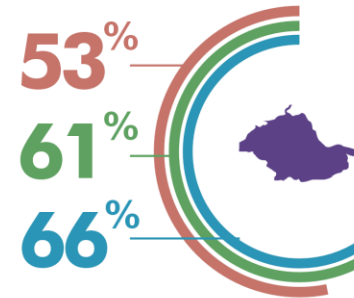


WHO CAN DO 2 DIGIT  
**DIVISION**

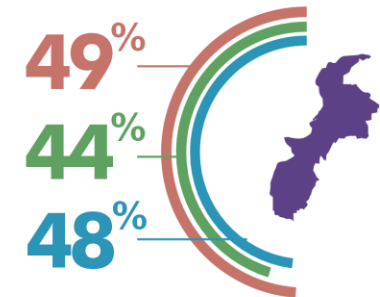
### BALUCHISTAN



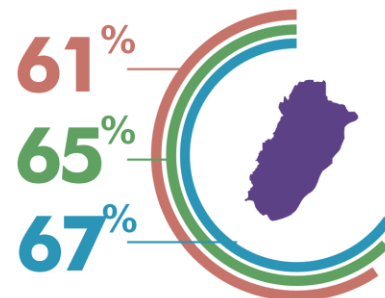
### GILGIT-BALTISTAN



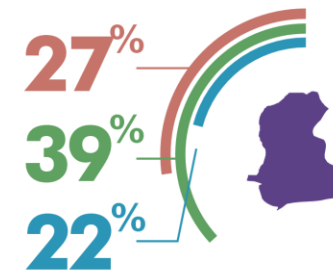
### KHYBER PAKHTUNKHWA



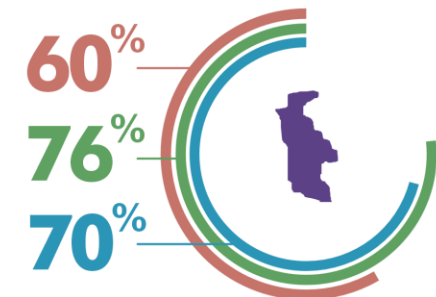
### PUNJAB



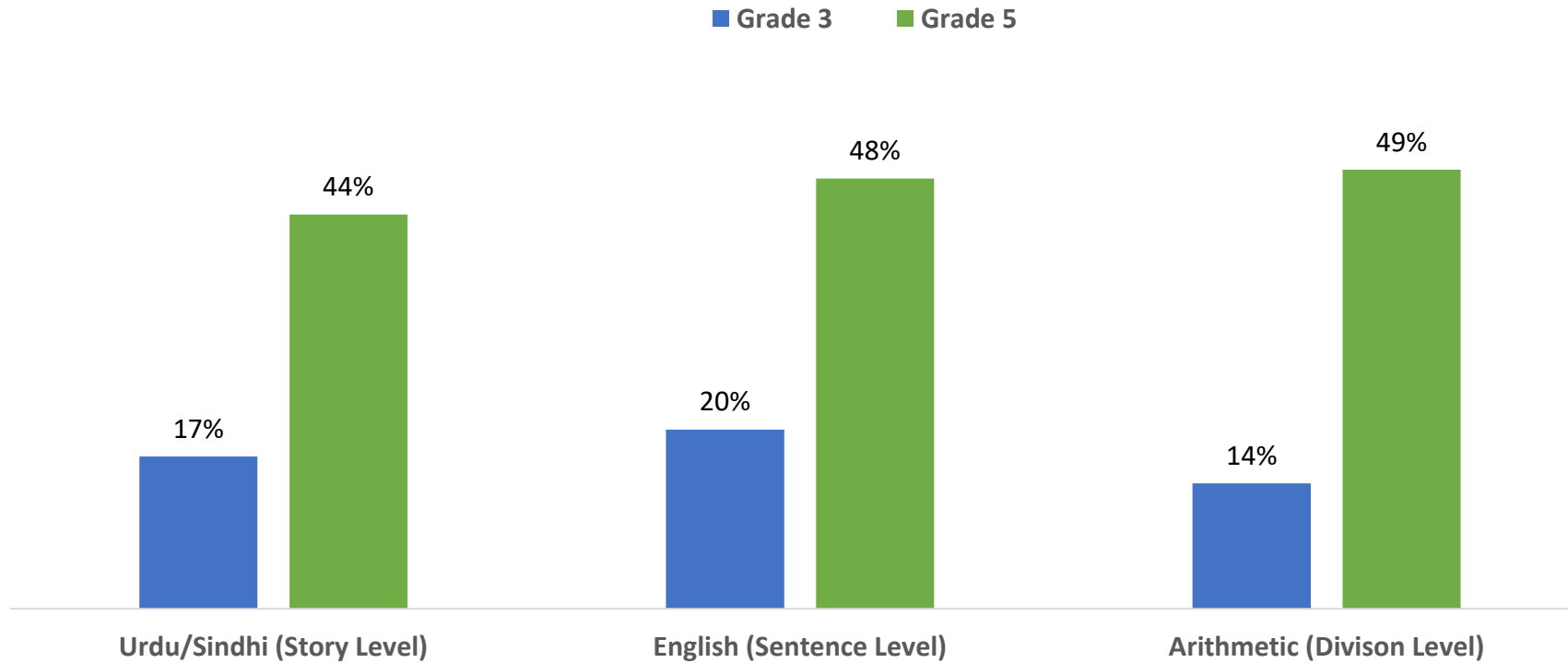
### SINDH



### AZAD JAMMU & KASHMIR



# Learning Levels in Khyber Pakhtunkhwa-Rural

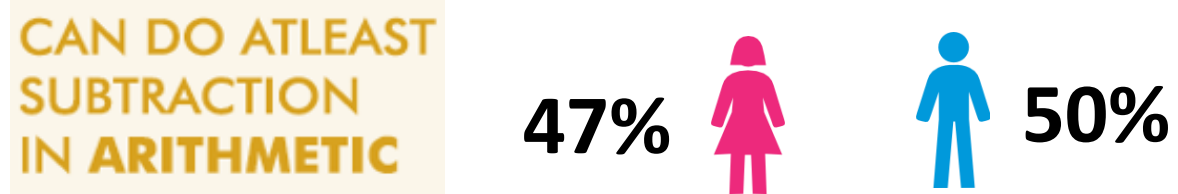
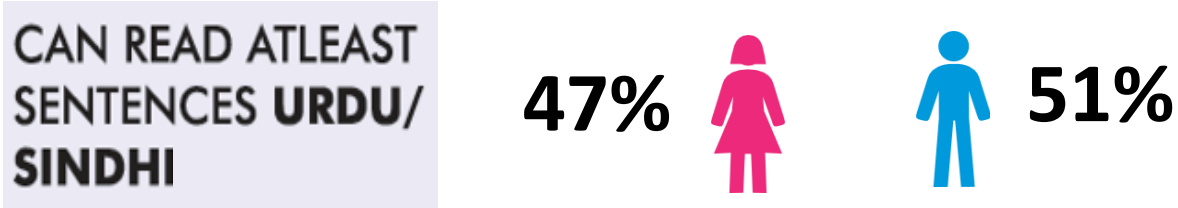


The Learning Crisis appears early in **Grade 3** – The most ignored grade; **Foundational Learning deserves Urgent Attention!**

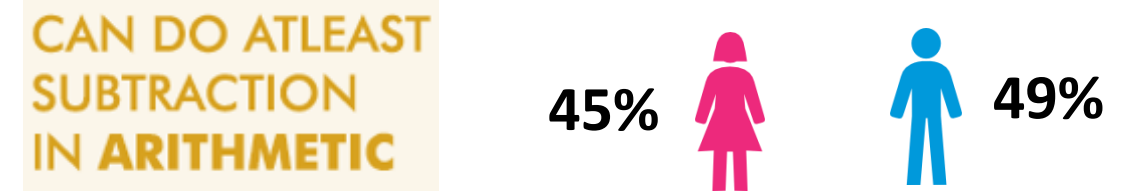
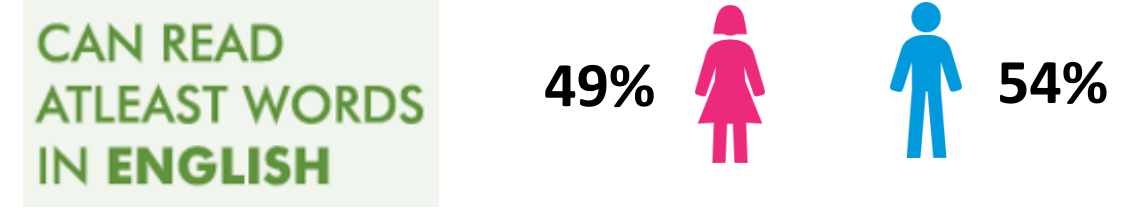
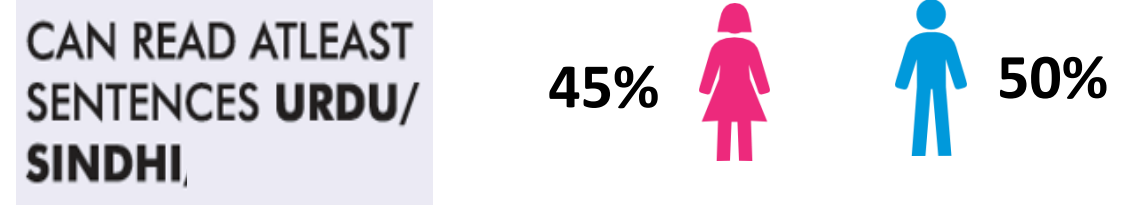
What is not covered in **grades 2/3** leads to ongoing Learning Crisis in **grade 5 and upwards!**

# Learning levels by Gender (5-16 Years) - National

## NATIONAL (Urban & Rural)



## RURAL



*Boys continue to outperform girls in all three competencies –gender gaps are reducing!*

# Learning levels by Gender (5-16 Years) - KP

## RURAL

CAN READ ATLEAST SENTENCES URDU/ SINDHI,



CAN READ ATLEAST WORDS IN ENGLISH



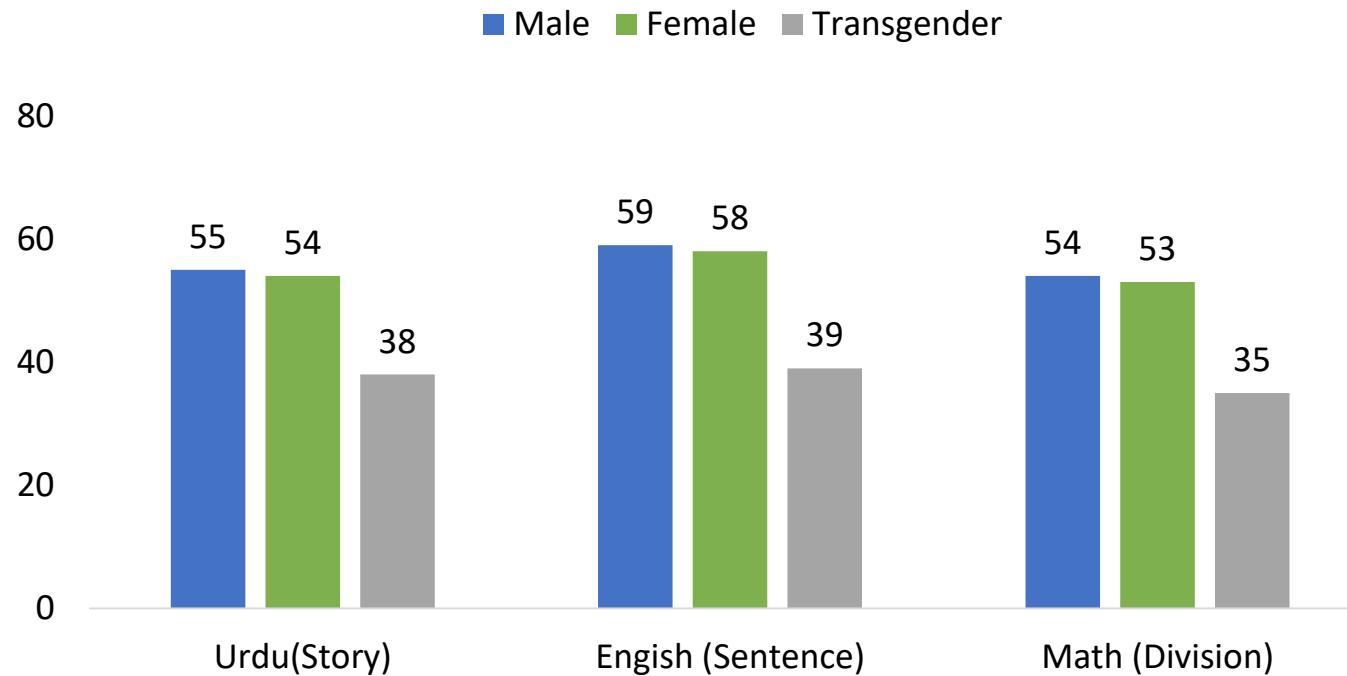
CAN DO ATLEAST SUBTRACTION IN ARITHMETIC



*Boys continue to outperform girls in all three competencies*



# Gender-wise Inclusive Learning Competencies (%) - National Rural



ASER **2023** reached to **1,957** trans-genders of **age 3-16** years in rural areas of Pakistan. Learning levels of transgender is lower than boys and girls

# Learning By School Type – Rural



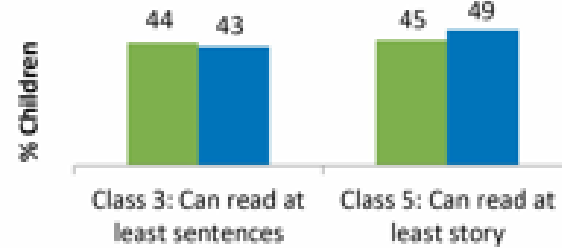
Private



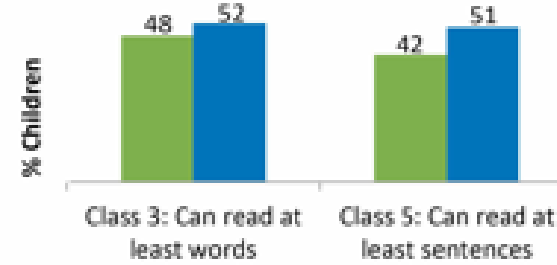
Government

## National

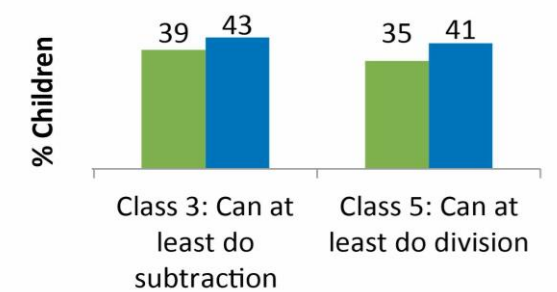
Learning levels by school type Urdu/Sindhi



Learning levels by school type English

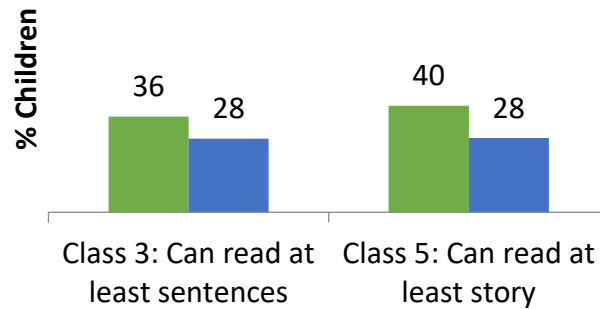


Learning levels by school type Arithmetic

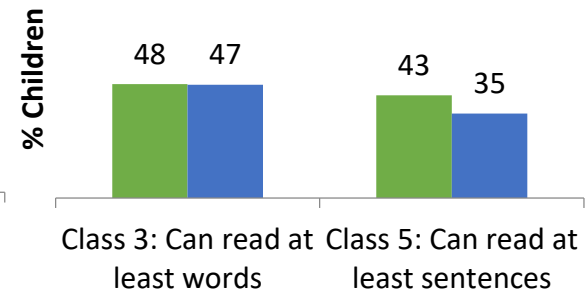


## KP

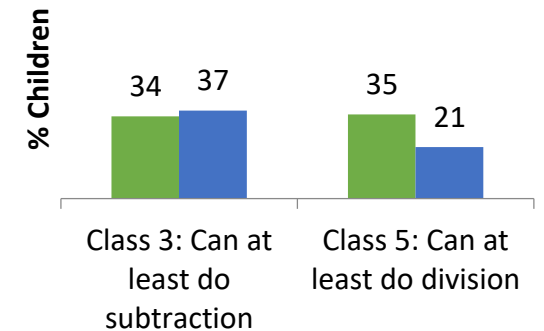
Learning levels by school type (Urdu)



Learning levels by school type English

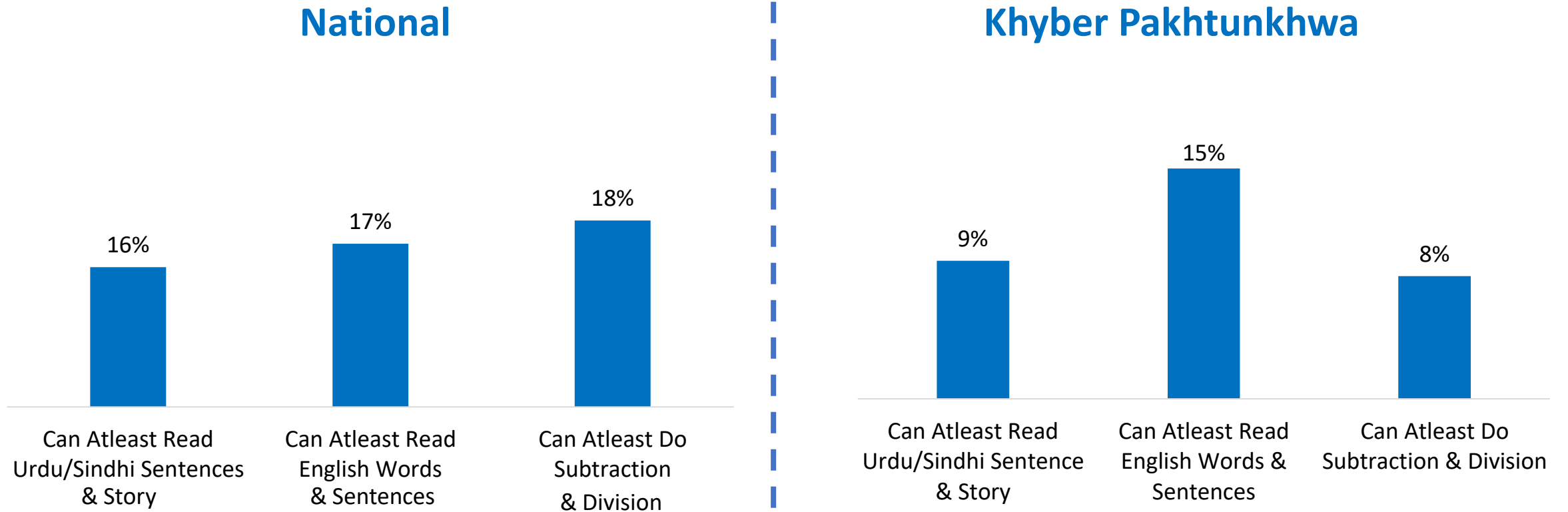


Learning levels by school type Arithmetic



Government Schools are performing better than Private Schools!

# Learning Level of OOSC – Rural



ASER **2023** cycle shows moderate learning levels for out-of-school children –  
 An opportunity for remedial and second chance programs for OOSC!

# Multi-grade Classrooms – Rural

## 2021



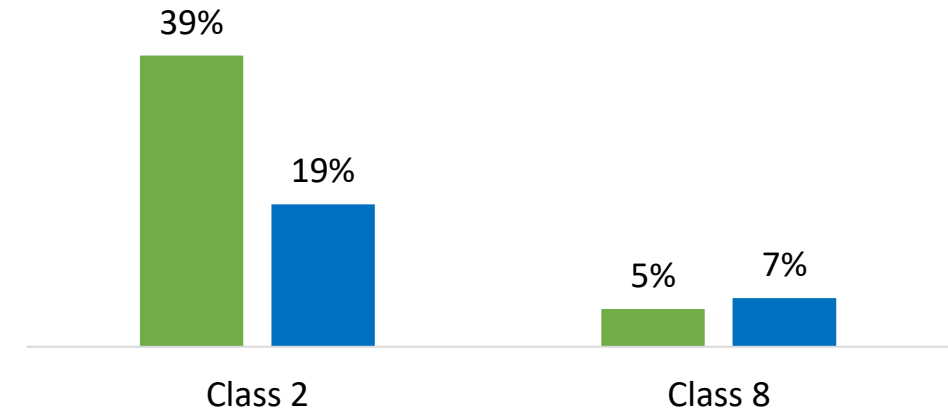
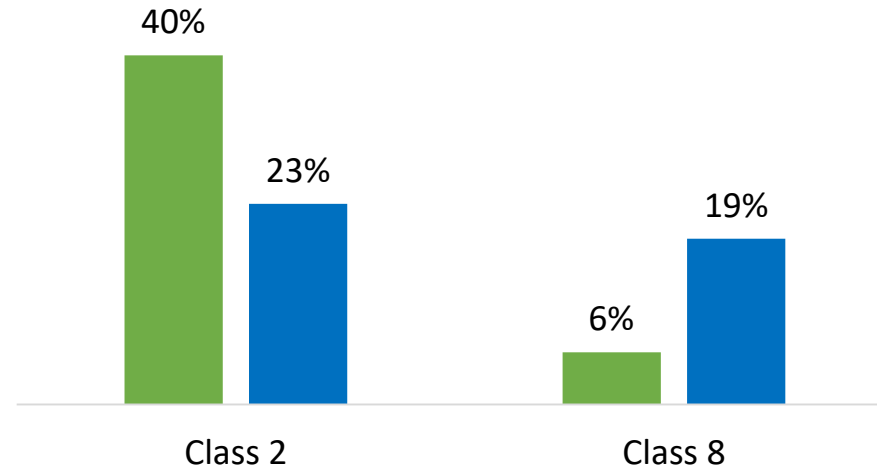
Private



Government

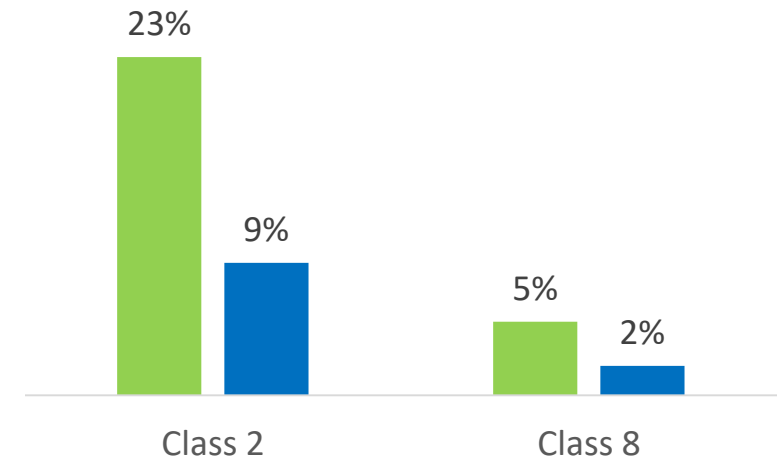
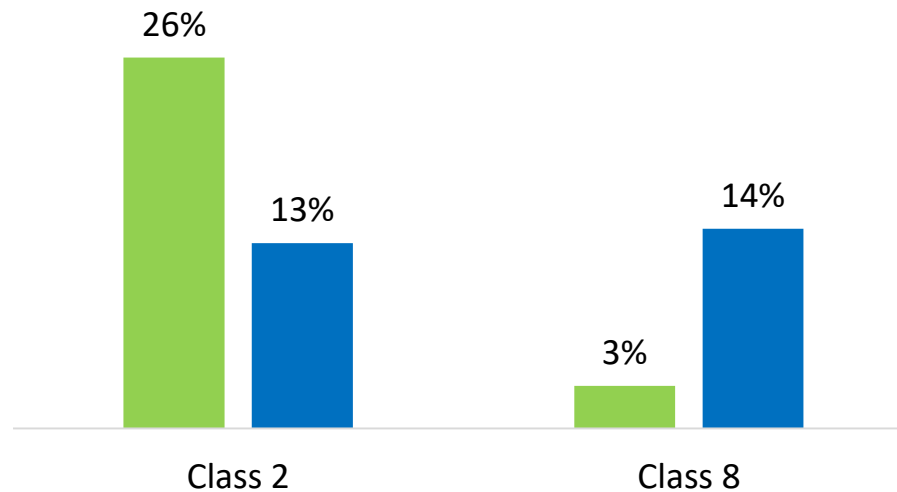
## 2023

### National

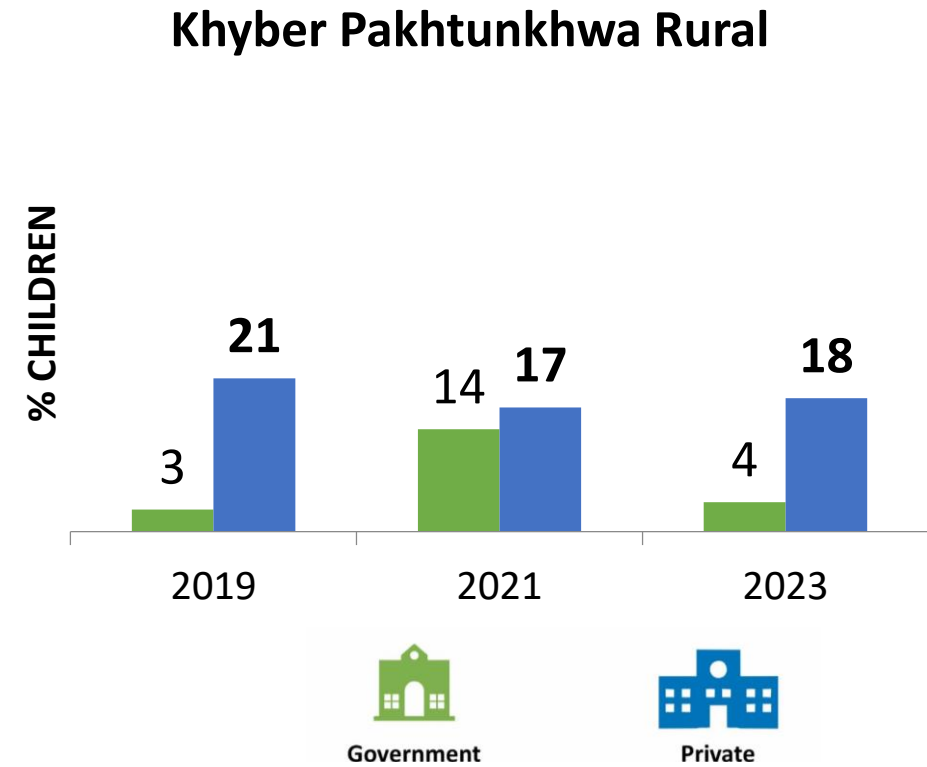
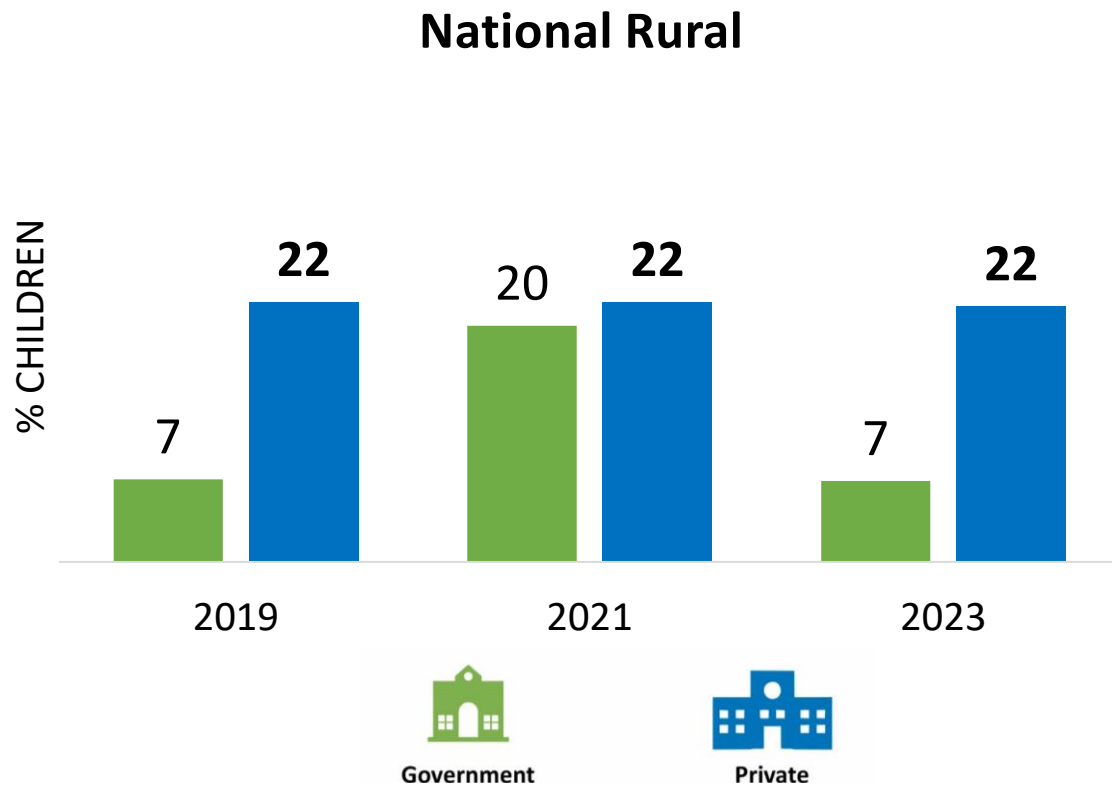


### Khyber Pakhtunkhwa

MG-declining in  
Govt. and Private  
Schools 2021-  
2023!

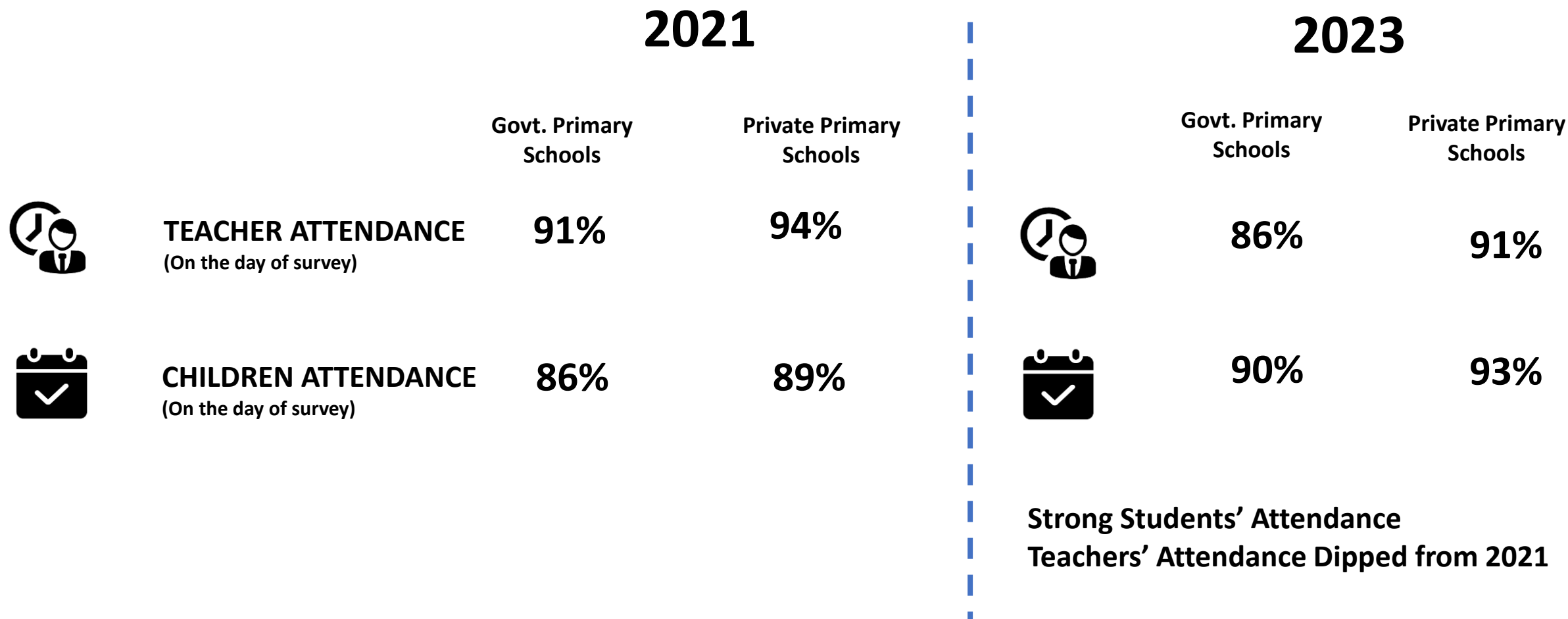


# Tuition Trends (Children 5-16 years)



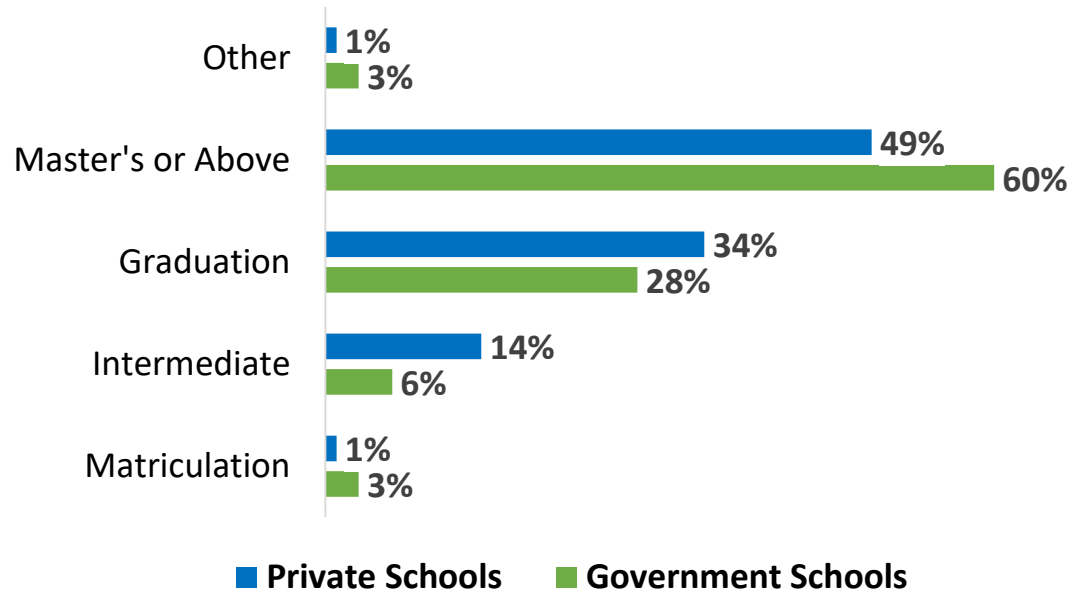
*Tuition has gone to pre-COVID level for Government school students (3% in 2019) in KP and (7% in 2019) Nationally.  
 Paid tuition has declined for private schools in KP*

# Teacher and Student Attendance - KP Rural

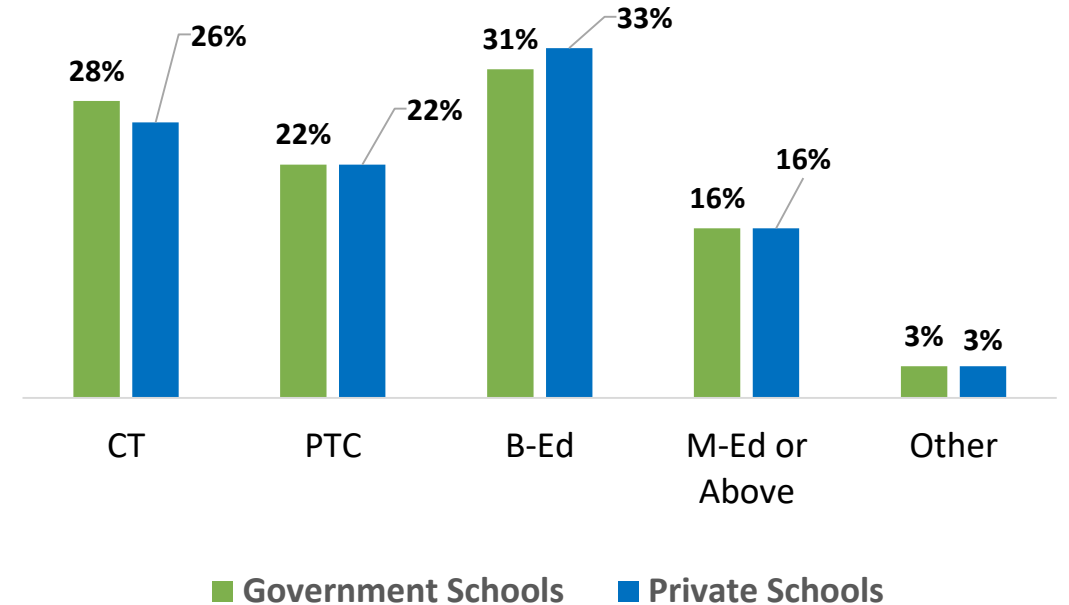


# Teachers' Highest and Professional Qualifications- KP Rural

Teacher's Highest Qualifications



% Teachers with Professional Qualifications

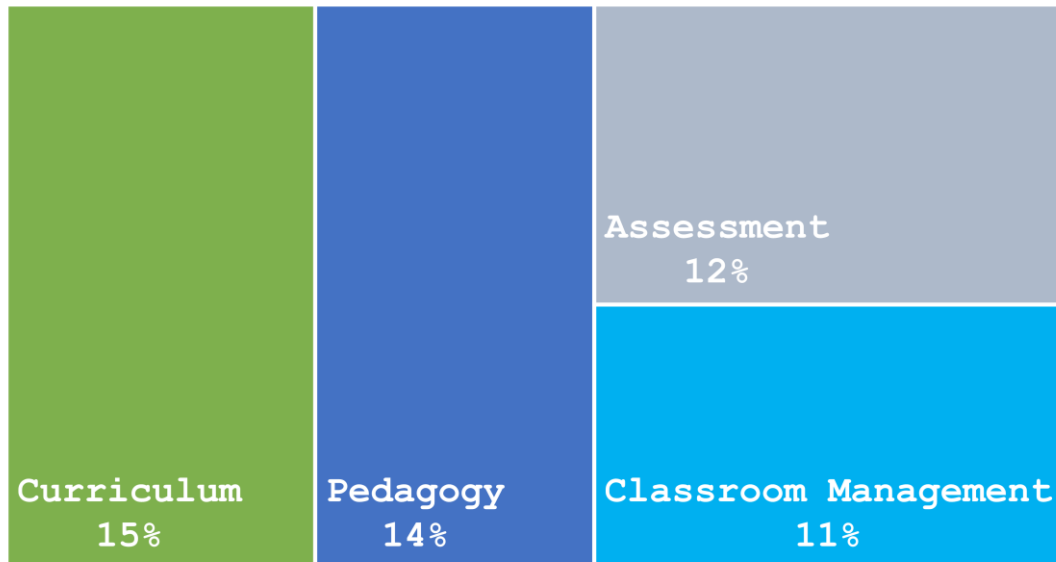


Changing patterns of Teacher Recruitment Qualifications/ criteria in KP

# Teachers' Training and Future Training Needs in Schools-KP Rural

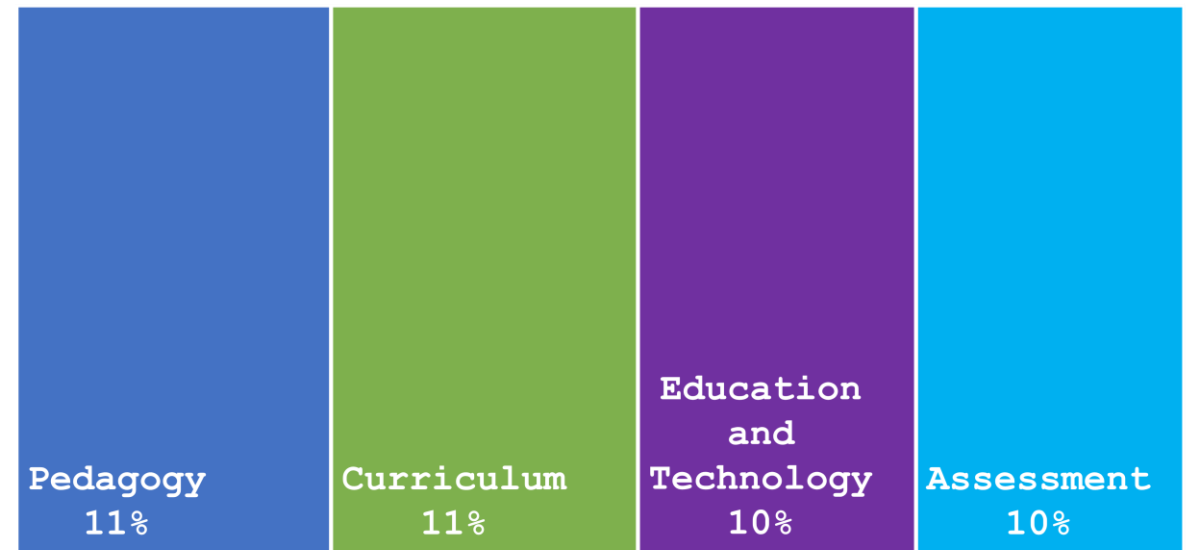
Teachers' Training Based On (Within Few weeks of the Survey)

■ Pedagogy ■ Curriculum ■ Assessment ■ Classroom Management



Future Training Needs Expressed by Head Teachers

■ Pedagogy ■ Curriculum ■ Assessment ■ Education and Technology





Annual Status of Education Report





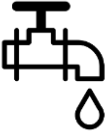
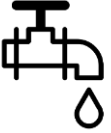






# SCHOOL FACILITIES



# School Facilities – Khyber Pakhtunkhwa (Contd.)

## 2021

## 2023

		Govt. Primary Schools	Private Primary Schools		Govt. Primary Schools	Private Primary Schools
	<b>USABLE TOILET</b>	<b>92%</b>	<b>20%</b>		<b>90%</b>	<b>96%</b>
	<b>CLEAN DRINKING WATER</b> (On the day of survey)	<b>80%</b>	<b>84%</b>		<b>82%</b>	<b>83%</b>
	<b>BOUNDARY WALL</b>	<b>92%</b>	<b>13%</b>		<b>94%</b>	<b>98%</b>
	<b>SCHOOL RECEIVED GRANTS</b>	<b>34%</b>	<b>3%</b>		<b>42%</b>	<b>3%</b>
	<b>AVAILABILITY OF LIBRARY</b>	<b>12%</b>	<b>92%</b>		<b>12%</b>	<b>19%</b>
				<b>WORKING LIBRARY</b>		

Annual Status of Education Report

اثر  
ASER  
PAKISTAN

2023

Facilitated by Idara-e-Taleem-o-Aagahi

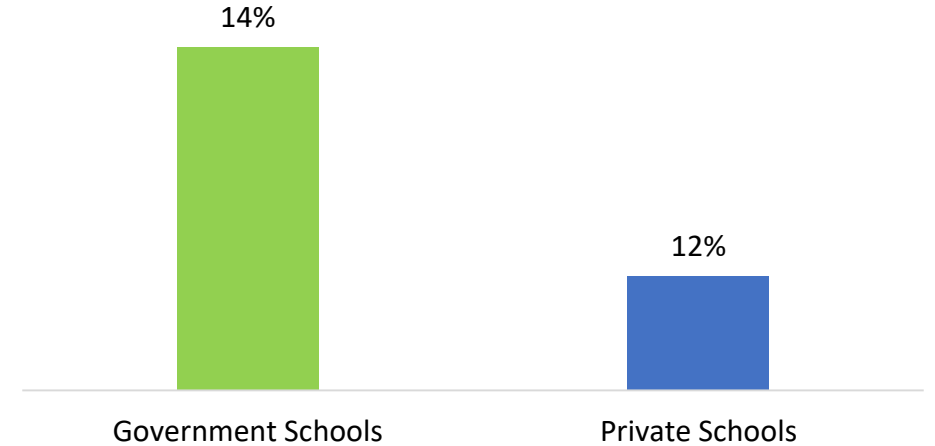
# DISABILITY HEALTH & FUNCTIONIONING



# Disability & Health Assessment – KP Rural

- **12%** Private schools and **14%** governments schools host children with some **Functional Disability**
- **39%** of the children received all the five basic vaccines (BCG, Polio, DPT-HepB-Hib, Pneumococcal, Measles) while **11%** received none
- **29%** did not have a vaccination card and/or any other documents

**% Children with Some Disability in Schools**



Children that Received None of the Five Basic Vaccines

**11%**

**29** Have None

**71** Have a Vaccination Card, Other Document or Both

Annual Status of Education Report

اثر  
ASER  
PAKISTAN

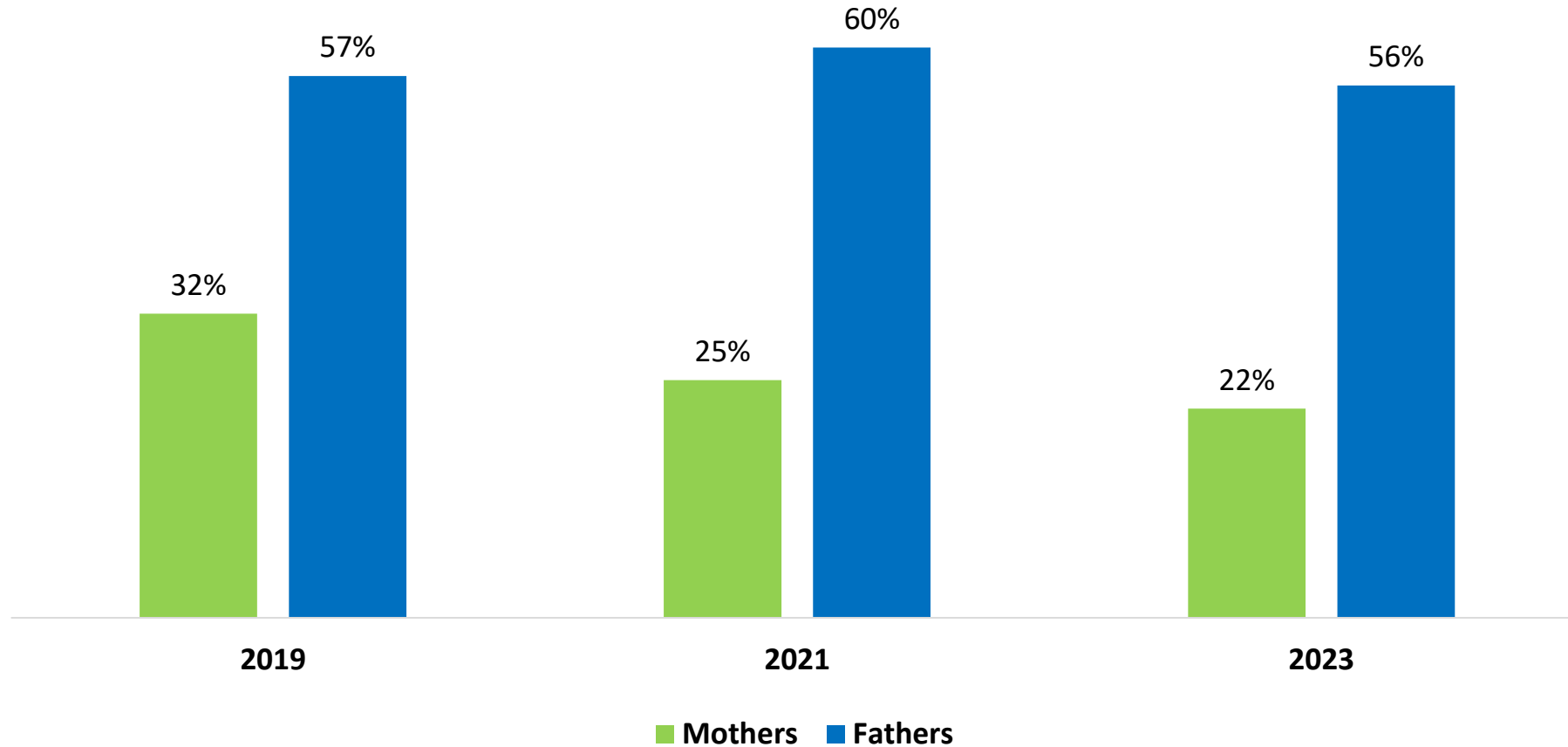
2023

Facilitated by Idara-e-Taleem-o-Aagahi

# HOUSEHOLD INDICATORS

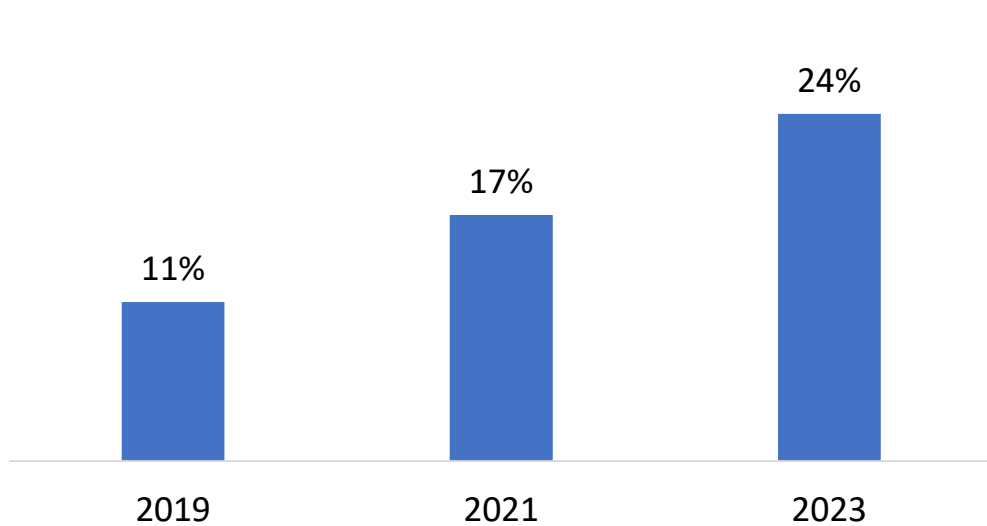


# Parental Education (At Least Primary) – KP Rural

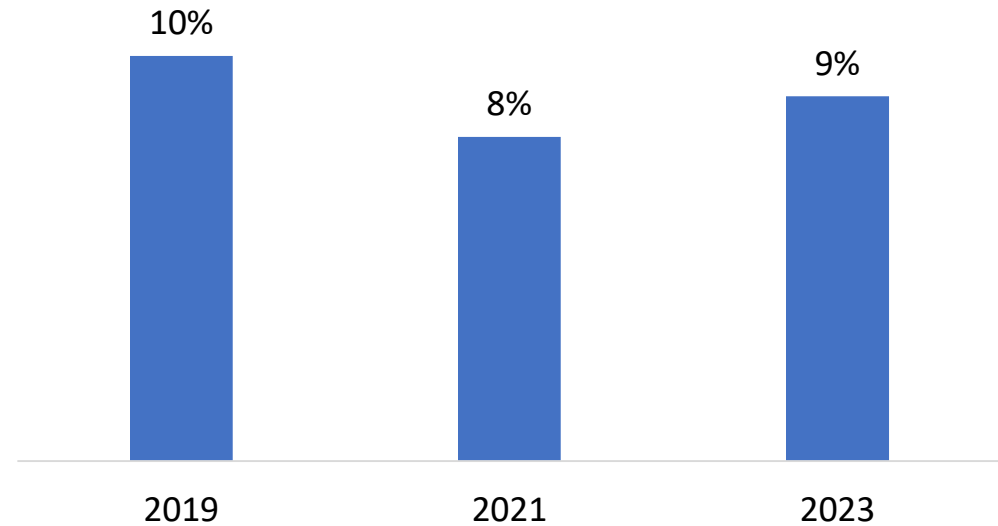


# Social Safety Nets – KP Rural

**% Households Receiving Any Welfare Transfers**



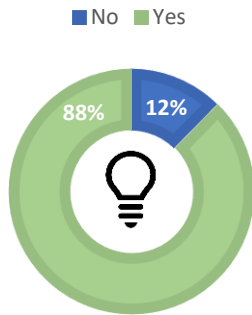
**% Households Receiving BISP**



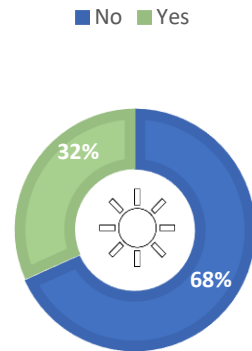
Households receiving welfare transfers have steadily increased from **2019-2023**.  
 The share of **BISP** has decreased for **2021** and then increased for **2023**

# Household Access To Communication & Technology- National (Rural & Urban)

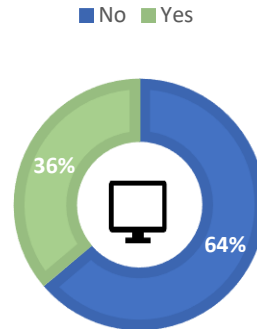
## ELECTRICITY CONNECTION



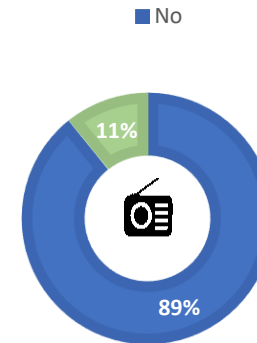
## SOLAR PANEL



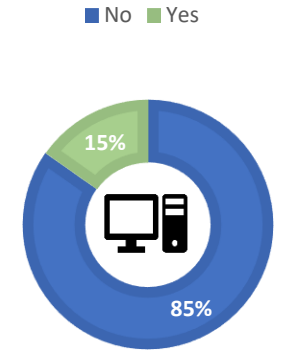
## AVAILABILITY OF TV



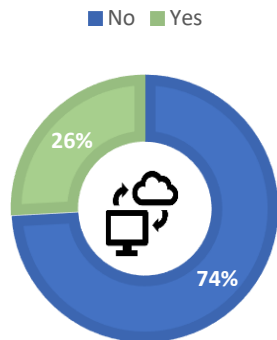
## RADIO



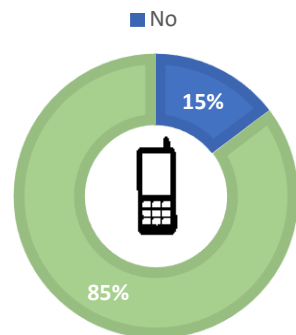
## COMPUTER



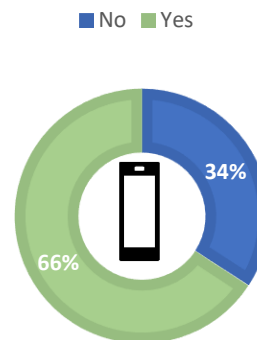
## INTERNET



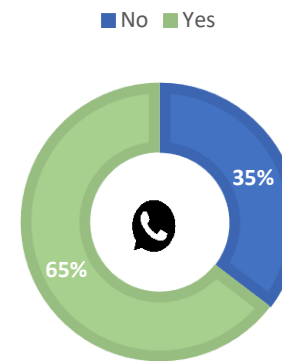
## MOBILE PHONE



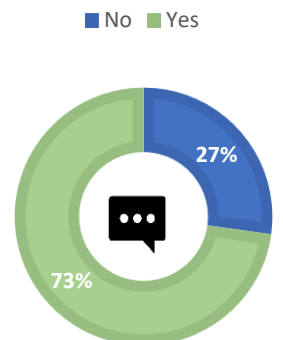
## SMARTPHONE



## WHATSAPP



## ACCESS TO SMS

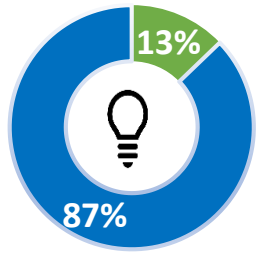




# Household Access To Communication & Technology-KP Rural

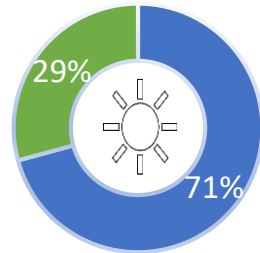
## ELECTRICITY CONNECTION

No Yes



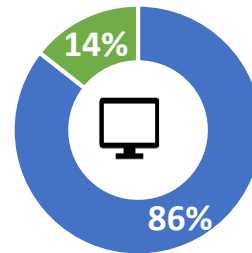
## SOLAR PANEL

No Yes



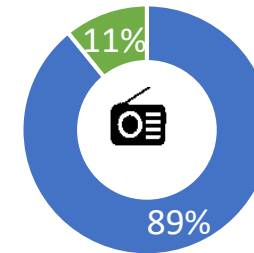
## TV

No Yes



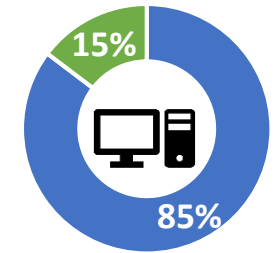
## RADIO

No Yes



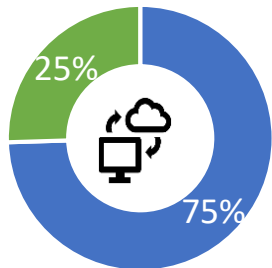
## COMPUTER/LAPTOP

No Yes



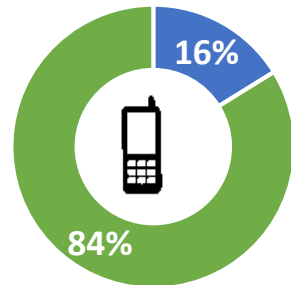
## INTERNET

No Yes



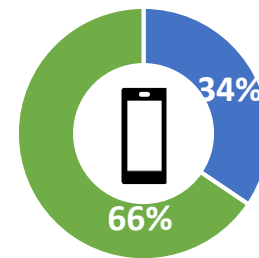
## MOBILE PHONE

No Yes



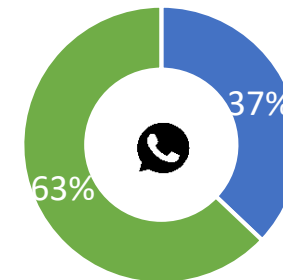
## SMART PHONE

No Yes



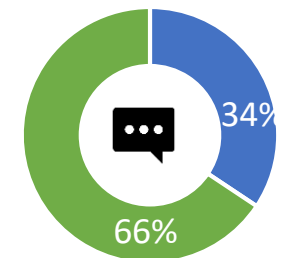
## WHATSAPP

No Yes



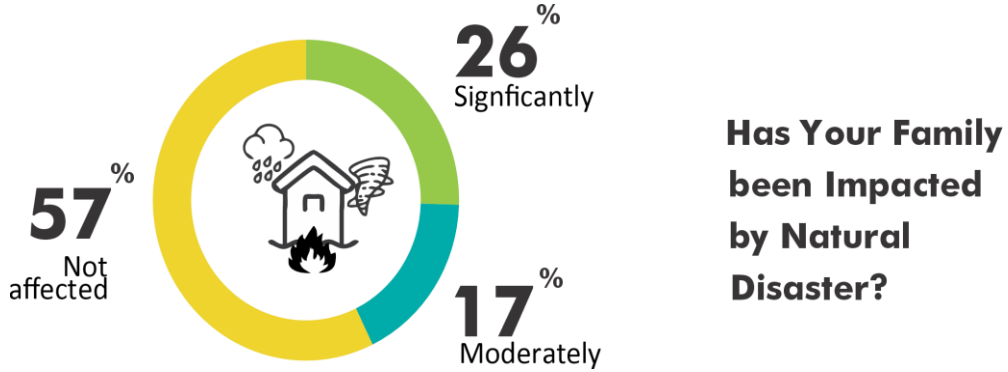
## SMS

No Yes

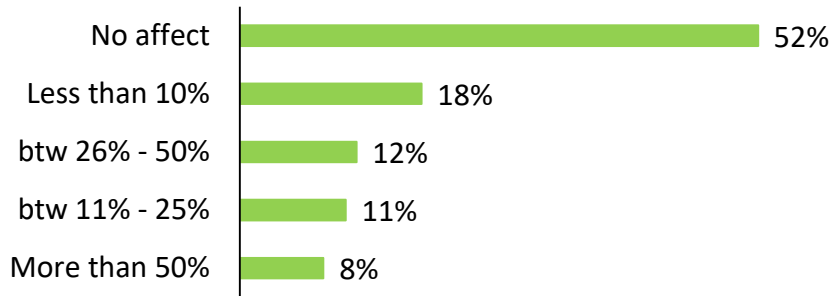


# Effects of Climate Change on Households – Rural

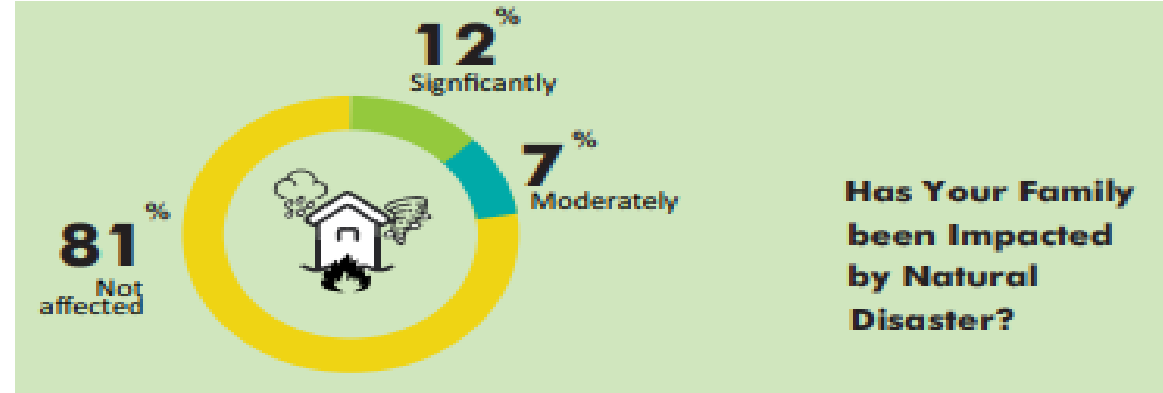
## National



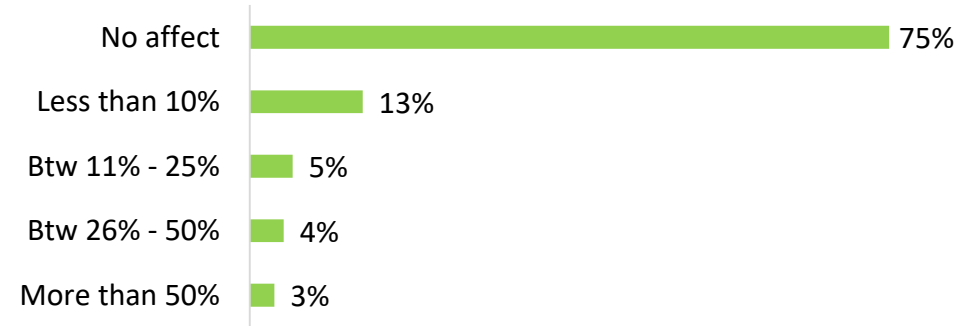
### To What Extent Was Your Income Negatively Impacted?



## Khyber Pakhtunkhwa



### To what extent was your income negatively impacted?

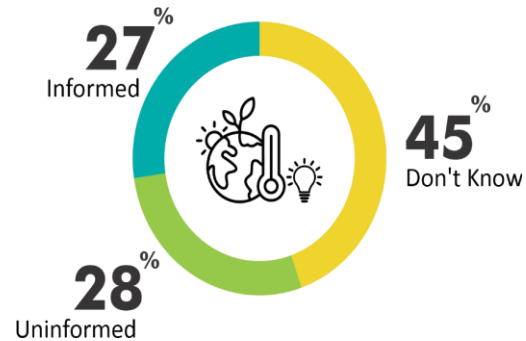


**42% HHs at national & 19% HHs in KP** were “**Significantly or Moderately**” impacted by natural disasters within the last year. **8% HHs at national & 3% HHs in KP** reported loss of more than **50%** of their earnings due to any natural disasters within last year

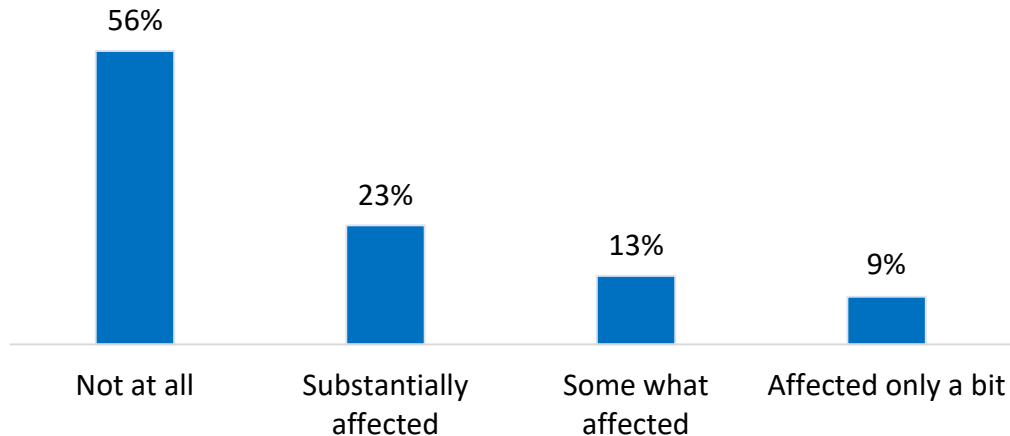
# Effects of Climate Change on Households – Rural

## National

How Well Informed  
Are You About  
Climate Change?

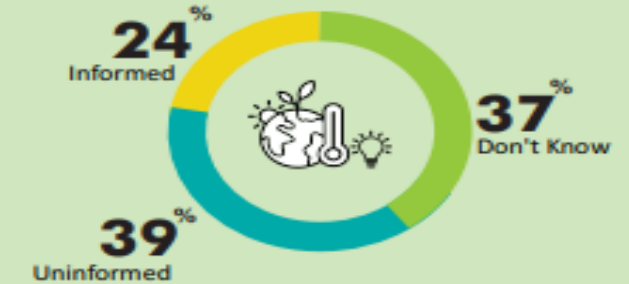


Has Your Psychological Well-being Been Affected  
Due to Climate Change?

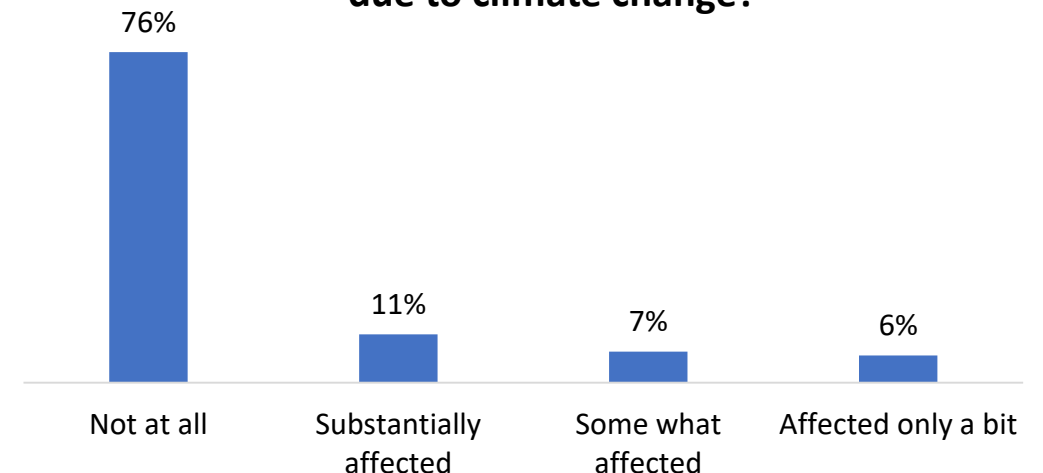


## Khyber Pakhtunkhwa

How Well Informed  
Are You About  
Climate Change?



Has your psychological well being been affected  
due to climate change?

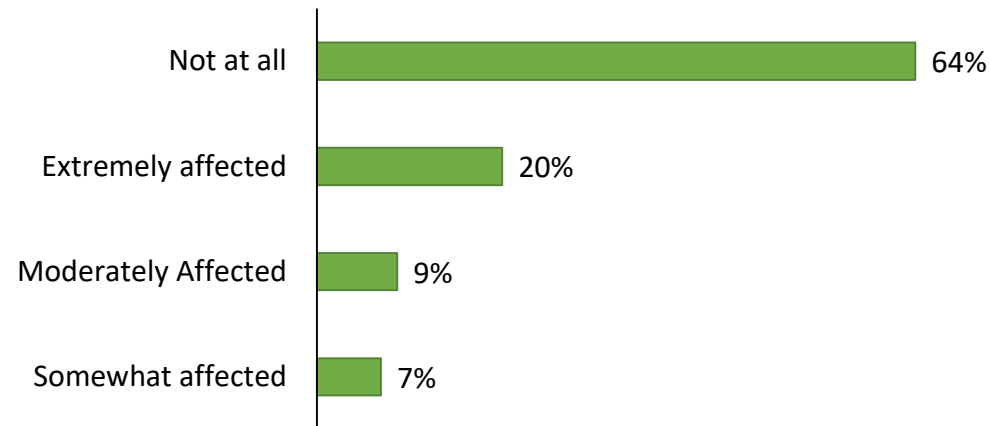


Only **27%** HHs at National and **24%** HHs in KP reported that they are well **“Informed”** about climate change. A significant share (**23%** at National & **11%** in KP) of the household respondents reported that their psychological wellbeing was **“Substantially Affected”** due natural disasters

# Effects of Climate Change on Households –Rural

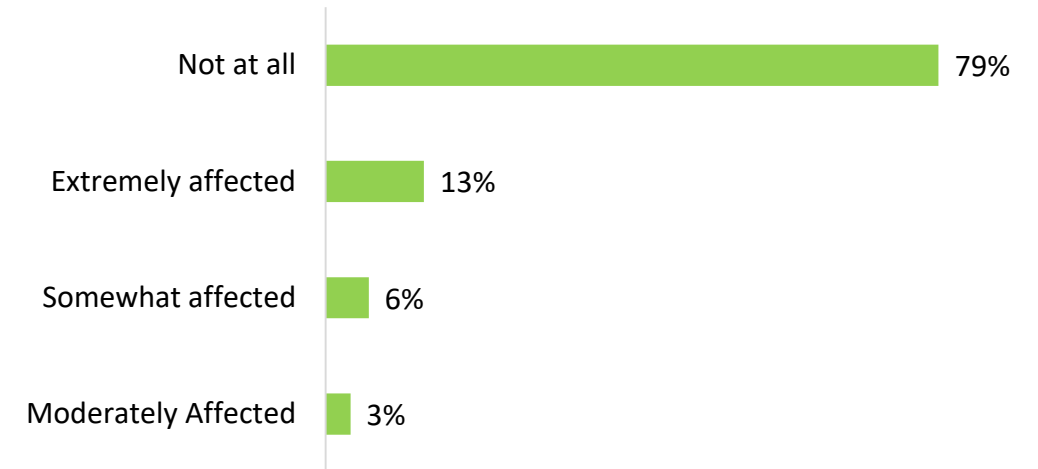
## National

Was Children's Schooling Affected By Any Natural Disaster?



## Khyber Pakhtunkhwa

Was Children's Schooling Affected By Any Natural Disaster?



**29%** at the National and **16%** in KP reported that children's schooling was **"Extremely or Moderately affected"** by any natural disasters within last one year

# ASER National Partners

**Mobilizing 10,000+  
Volunteers – Citizens –  
Youth!**

## Partners of ASER 2023

- National Commission for Human Development (NCHD)
- Ilm-o-Hunar Foundation (IHF)
- First Step Organisation (FSO)
- Society for Empowerment of People (STEP)
- Saiban Kisan Society (SKS)
- Youth for Development & Democracy (YDD)
- Human Aid
- Mohmand Community for Education & Development (MCED)
- Sukkaar Welfare Organisation (SWO)
- Thar Education Alliance (TEA)
- Gwadar & Gwadar Seaports Organization (G&GS)
- Azat Foundation
- Change Thru Empowerment (CTE)
- EHED Foundation
- Geotag Consulting
- Hamza Development Foundation (HDF)