

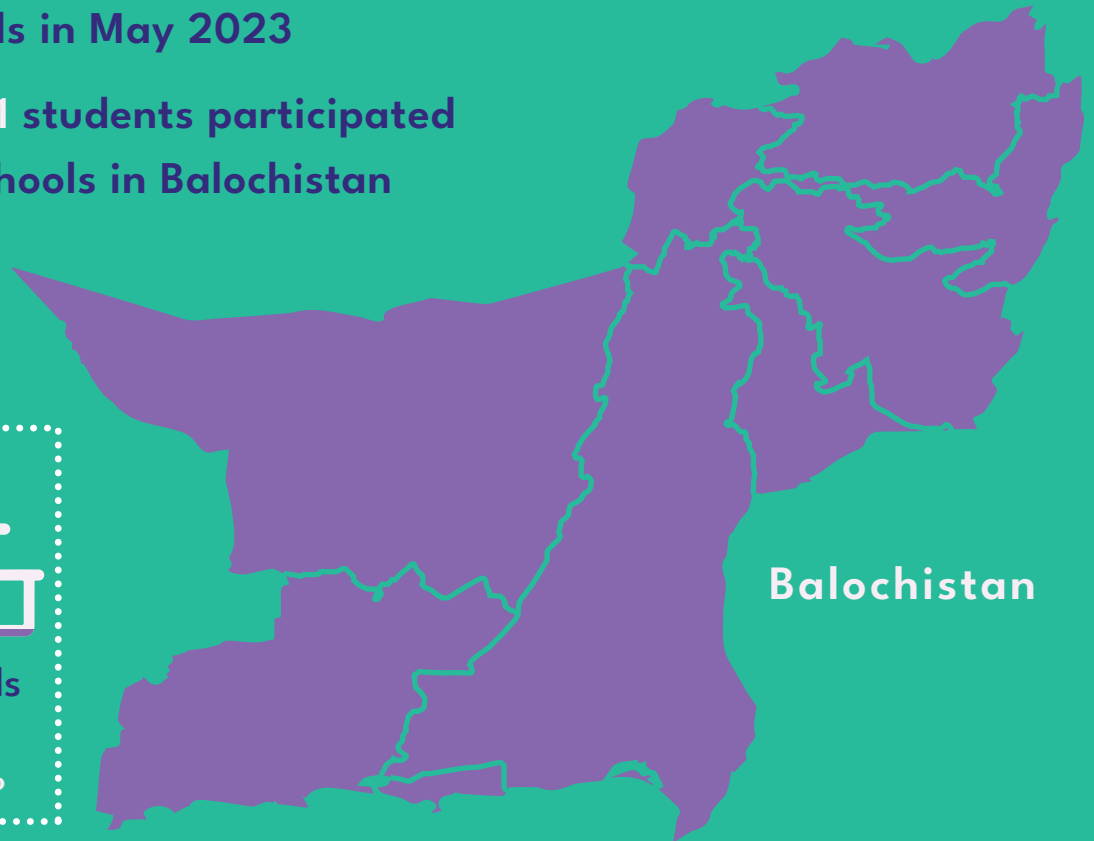
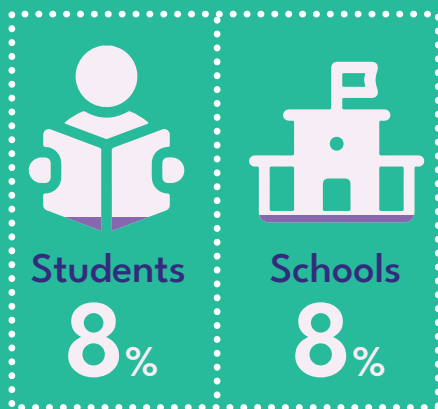
# National Achievement Test FINDINGS 2023 BALOCHISTAN

The National Achievement Test (NAT) is a sample-based assessment that is envisioned to take place every two years in a range of subjects at Grade 4 and Grade 8 level in Pakistan. It is conducted by the National Assessment Wing (NAW) of the Pakistan Institute of Education (PIE), with support from provincial and area education departments. This document provides a snapshot of the findings of NAT 2023 in Balochistan to inform the provincial school departments' programming and reforms.



**Over 23,000 students participated from  
1,283 public schools in May 2023**

**Out of which, 1,851 students participated  
from 106 public schools in Balochistan**



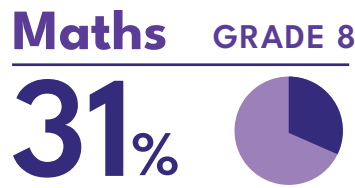
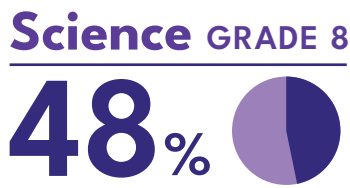
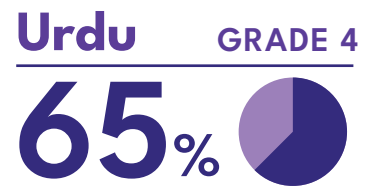
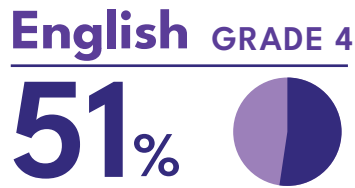
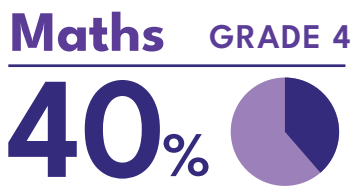
## NAT captures the learning environment

- ▶ Academic assessment on **English, Urdu**, as well as **Maths** for Grade 4, and **Maths** and **Science** for Grade 8
- ▶ Perception surveys with headteachers, teachers, parents and students enrolled in Grade 4 and 8



# NAT results: students scored the least in Maths

Average student score percentages for Grade 4 and Grade 8, by subject



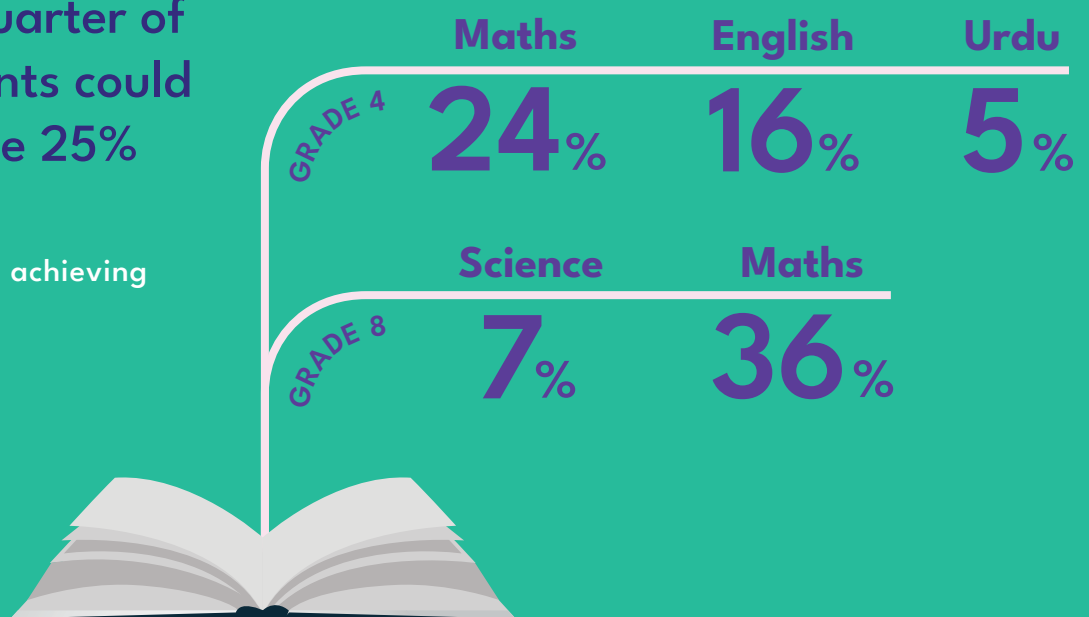
The overall performance across all grades and subjects indicates a need for improvement, particularly in Maths and Science (mean scores for these subjects remain below **50%**)

Grade 8 students on average scored **48%** in Science

Students at Grade 4 level perform better in Urdu (**65%**) compared to English (**51%**)

## More than a quarter of Grade 8 students could not score above 25% in Maths

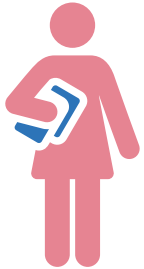
Percentage of students achieving no more than 25%



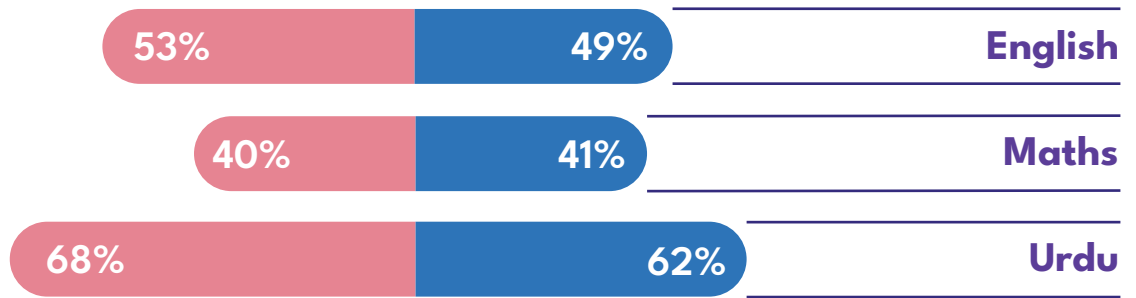
**24%** of the students assessed in Grade 4 and **36%** assessed in Grade 8 scored **25%** or below in the Maths assessment

# Girls scored higher than boys

Average student scores for Grade 4 and Grade 8, by subject & gender



## GRADE 4



## GRADE 8

Maths

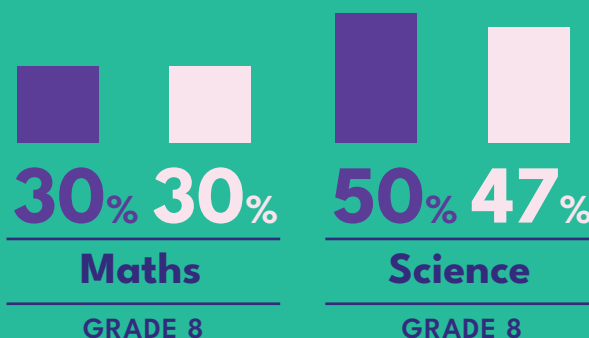
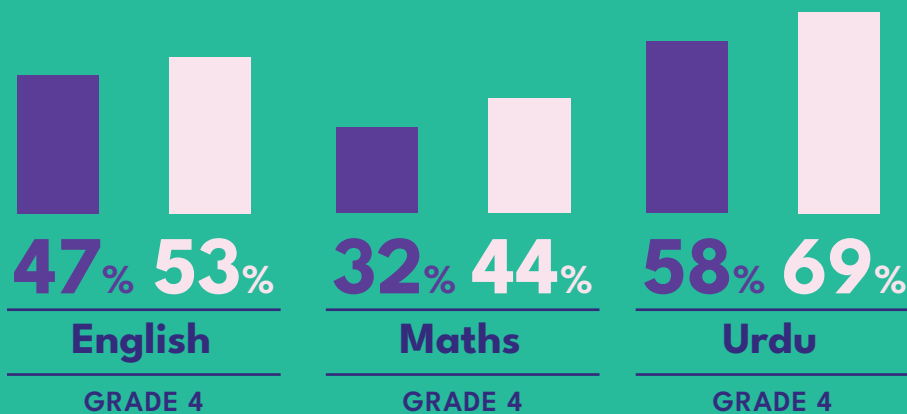


Science

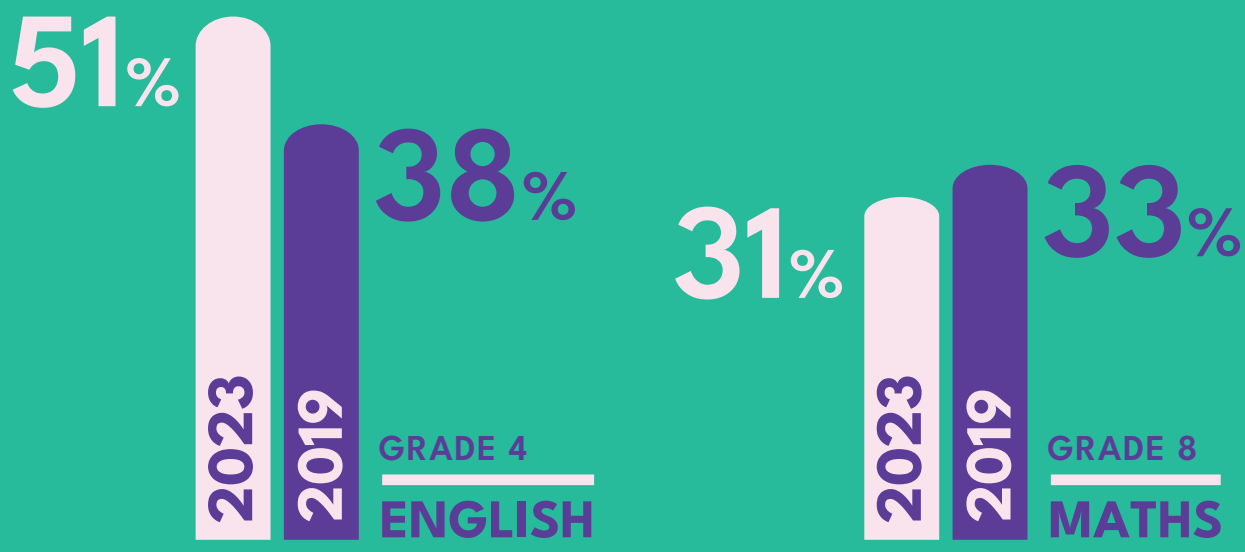


Girls outperform boys in all subjects and grades, except in Maths and Science, where girls and boys achieved similar scores on average

# Grade 4 students performed better in urban schools for English, Maths and Urdu assessments

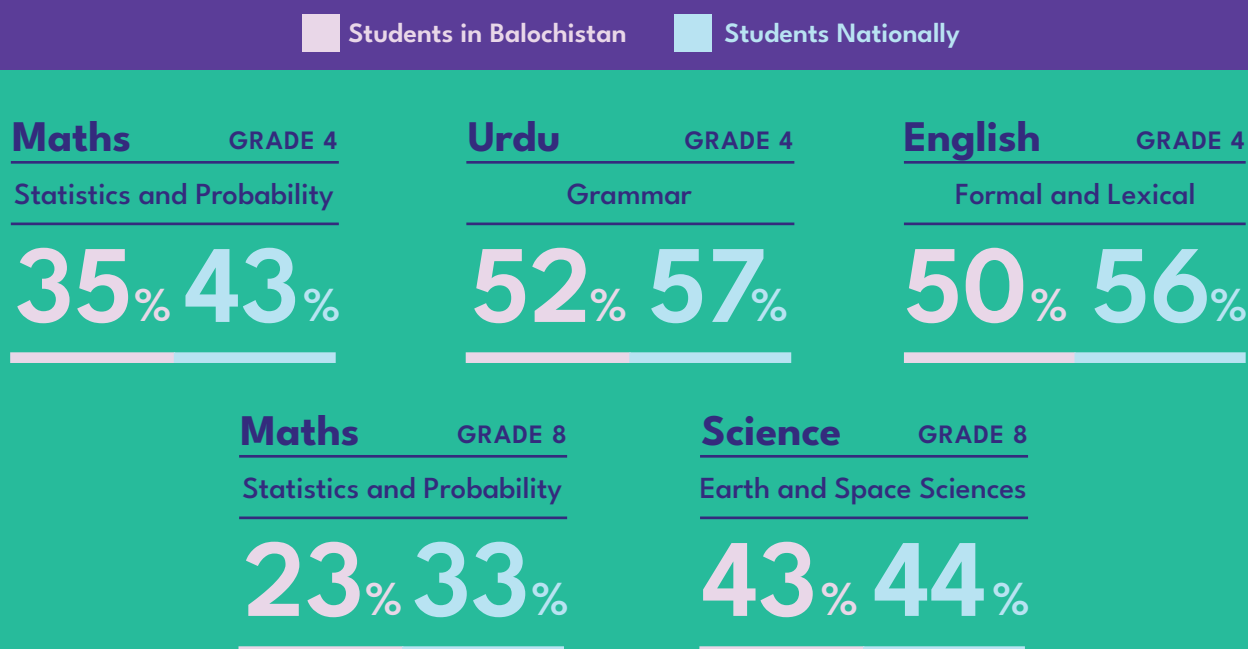


## Student performance improved in English compared to 2019



## Students scored the least in Statistics and Probability in Grade 4 and 8 Maths

Average scores in the weakest content domain for Balochistan compared to the national average



For more information on the findings, please visit our website: [www.pie.gov.pk](http://www.pie.gov.pk)

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