

National Achievement Test

FINDINGS 2023

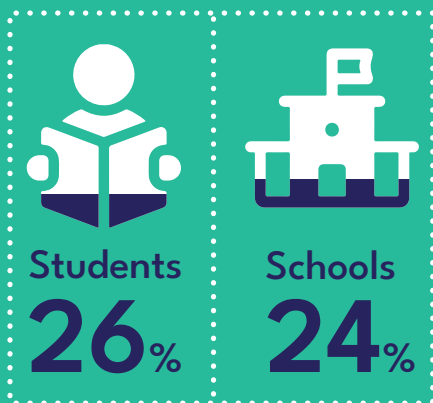
Khyber Pakhtunkhwa

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 Khyber Pakhtunkhwa 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, over 6,000 students participated from 312 public schools in Khyber Pakhtunkhwa



Khyber Pakhtunkhwa

*Khyber Pakhtunkhwa includes the newly merged districts

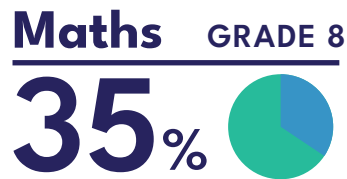
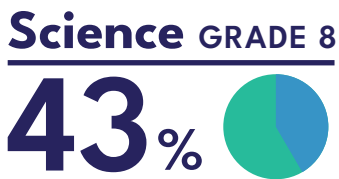
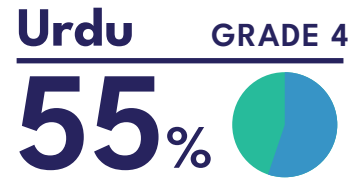
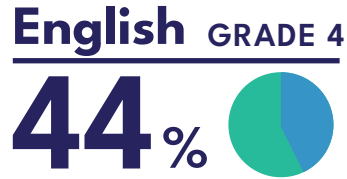
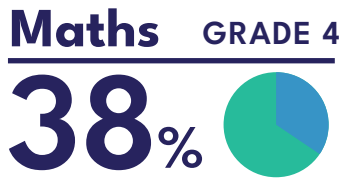
NAT captures the learning environment

- ▶ 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



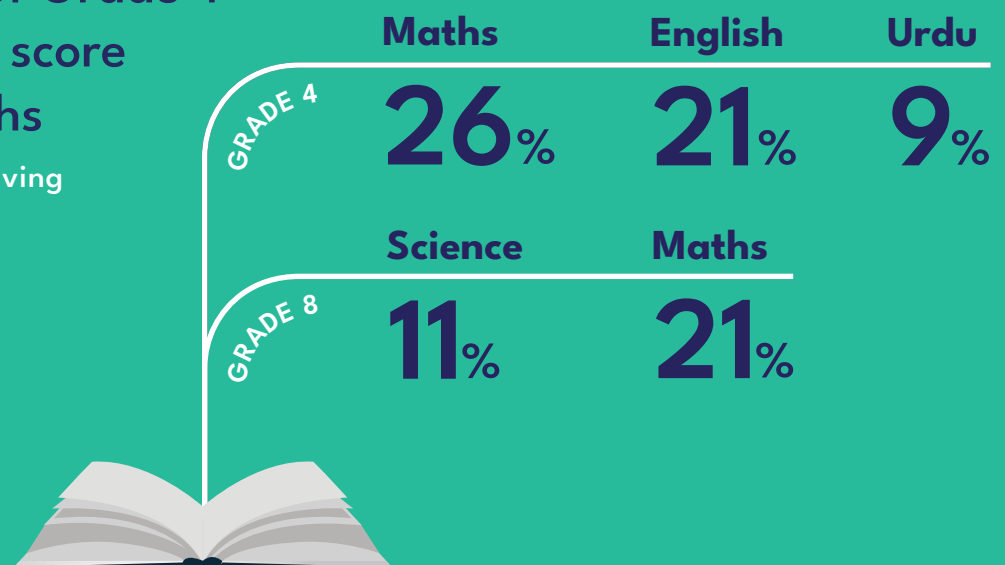
The overall performance across all grades and subjects indicates a need for improvement, particularly in English, Maths and Science (mean scores for these subjects remain below 50%)

Grade 8 students on average scored 43% in Science

Students at Grade 4 level perform better in Urdu (55%) compared to English (44%)

Almost a quarter of Grade 4 students could not score above 25% in Maths

Percentage of students achieving no more than 25%

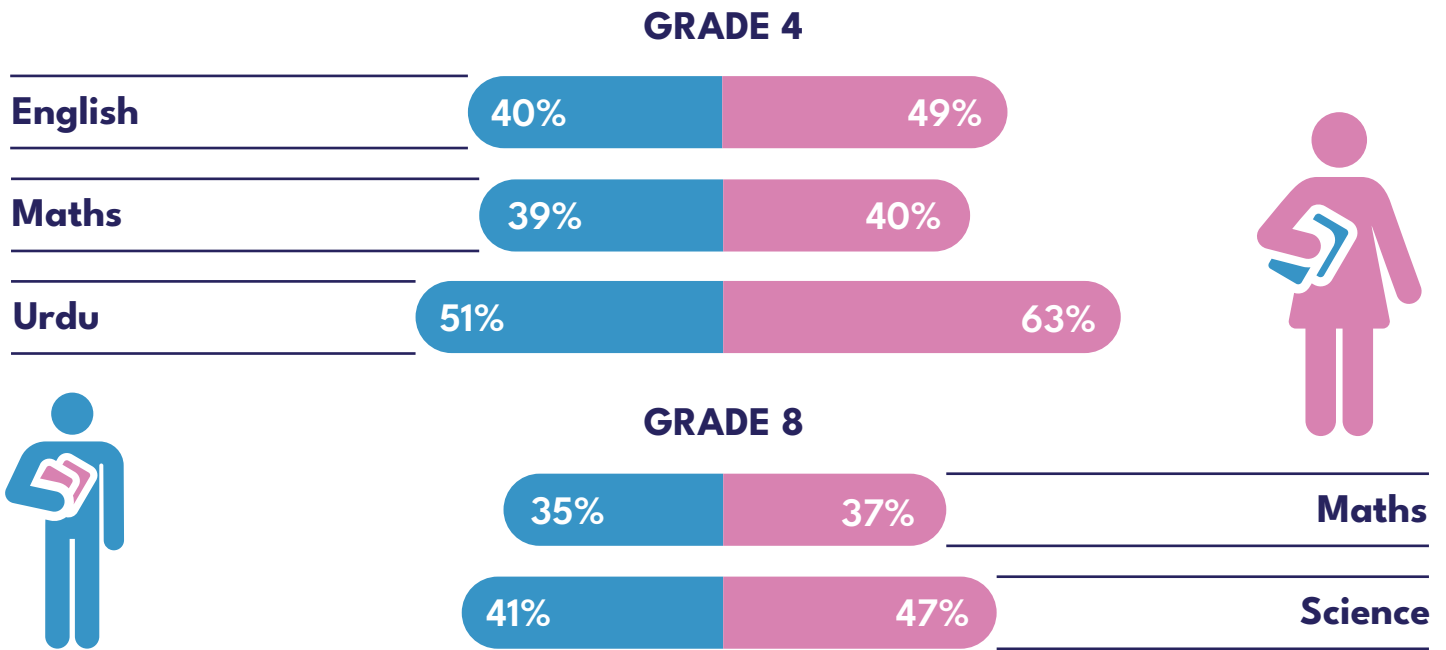


26% of the students assessed in Grade 4 and **21%** assessed in Grade 8 scored 25% or below in the Maths assessment

21% of the students assessed in English scored less than 25%

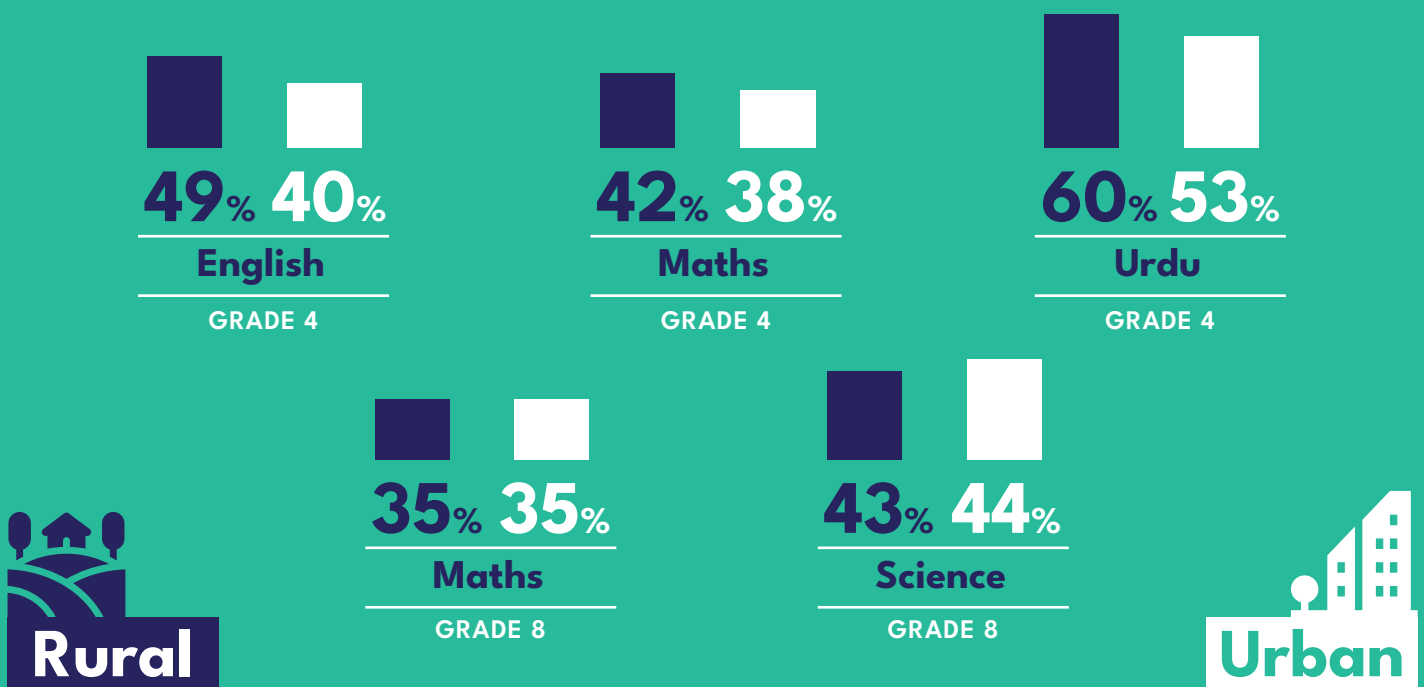
Girls scored higher than boys

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



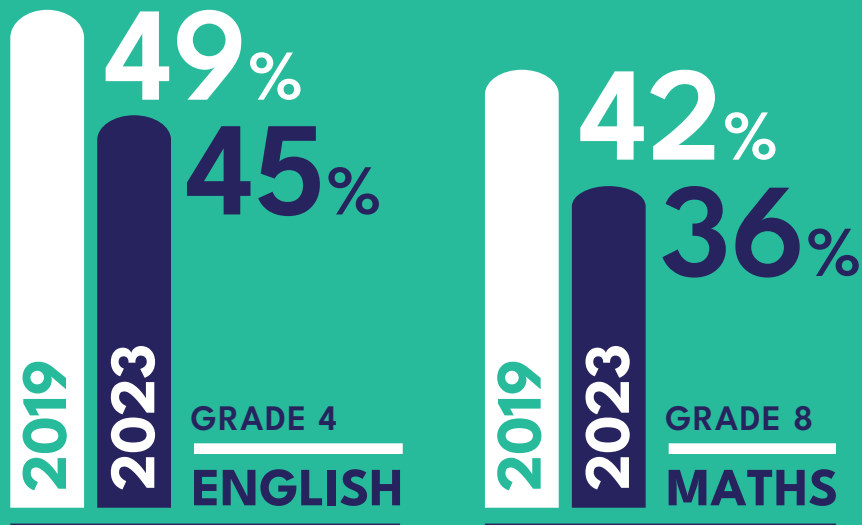
Girls outperform boys in all subjects and grades, except in Maths, where girls and boys achieved similar scores on average

Grade 4 students performed better in rural schools for English and Urdu assessments



Student performance declined in English and Maths compared to 2019

Average student percentage scores in NAT 2019 and NAT 2023



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

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

■ Students in KP ■ Students Nationally

