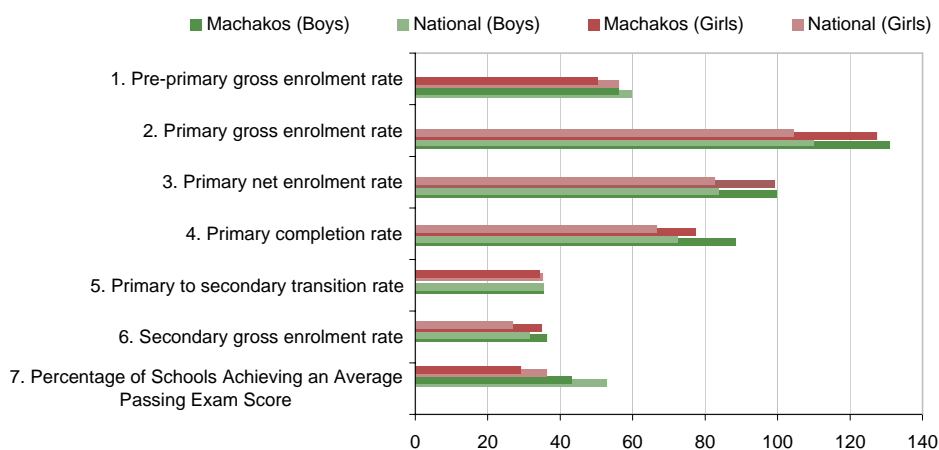


Machakos Kenya District Primary Education Profile

Kenya District Education profiles are intended to give an overview of the education sector in Kenya's districts, highlighting enrollment, efficiency, and resources for pupils. In addition to providing an understanding of the district, the profiles can be used to identify particular districts or schools which have unusually good or bad performance.

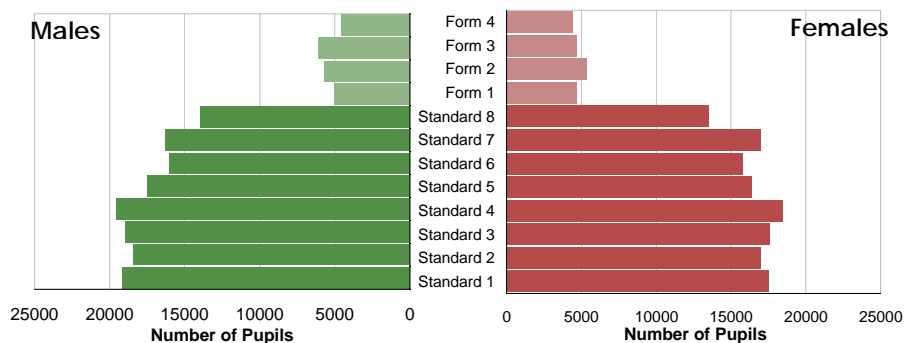
Overview of Machakos District



NOTES AND SOURCES: 1. EMIS 2005; 2. EMIS 2005; 3. TSC and EMIS 2005; 4. TSC and EMIS 2005; 5. TSC 2005 and MoE 2003 (using province-level repetition rate); 6. TSC 2006 and ; 7. KNEC 2005
note: all EMIS and TSC data is taken from district summaries. TSC data includes public schools only

Machakos Enrolment Pyramid for Primary and Secondary Grades

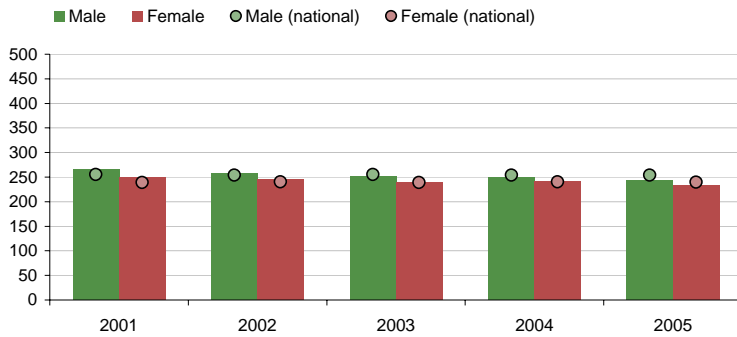
The grade pyramid shows the number of pupils by grade. Tapering of the pyramid (a wide base and a narrow tip) can be caused by high dropout, high population growth, or by recent growth in school entry rates. The primary grades shown are solid colored and the secondary grades shown are patterned.



SOURCE: TSC 2005 (public schools only; based on district summary)

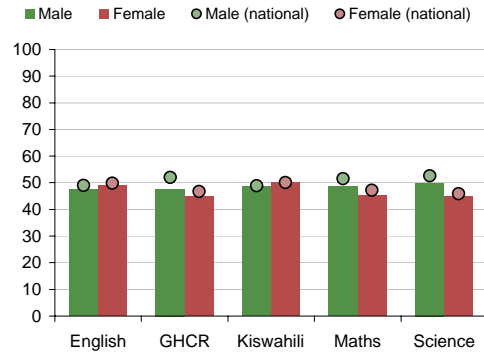
KCPE Exam Scores in Machakos District

Average Aggregate Exam Scores Compared to National Scores



SOURCE: KNEC 2001 - 2005

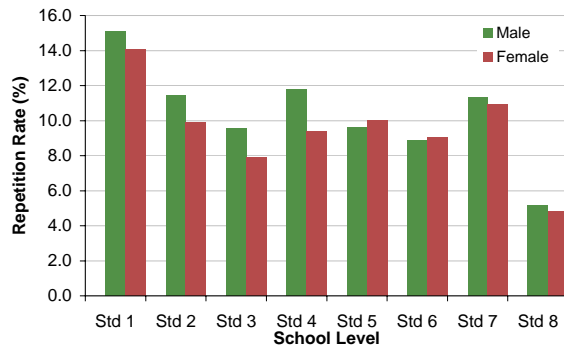
2005 Average Exam Scores



Efficiency -- Repetition and Drop-out Rates by Grade in Machakos District

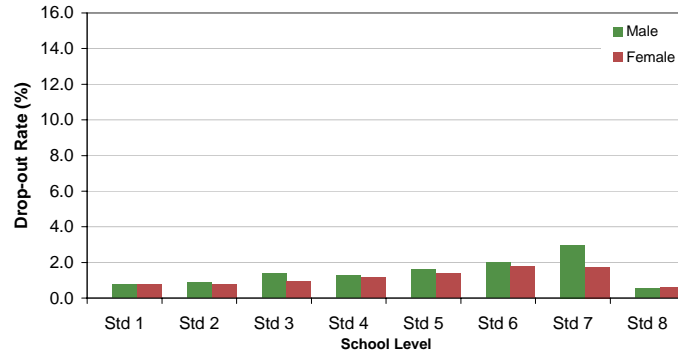
Repetition, drop-out and gender imbalance are all indications of a greater use of resources.

Repetition



Source for repetition: EMIS 2005; Source for drop-out: EMIS 2005

Drop-out Rates*

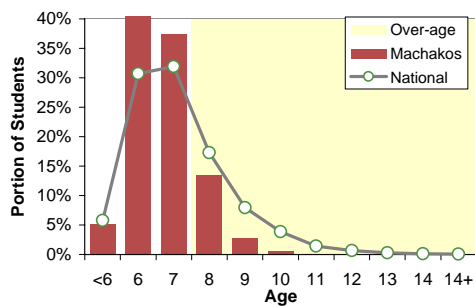


* includes very small numbers of pupils who die

Over-age Attendance in Machakos District

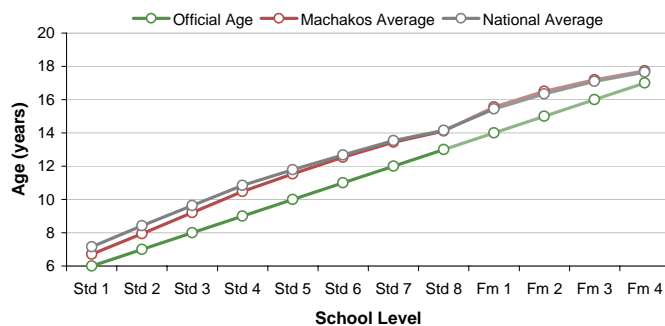
Over-age attendance may be associated with higher repetition and dropout. The graph shows pupils by age in each grade - many of them over-age. The average age in grade table summarizes the extent of over-age attendance. In a completely efficient system, the average age difference between each grade is one year; larger differentials suggest repetition; smaller differentials suggest over-age attendance is increasing over time.

Standard 1 Entrants by Age

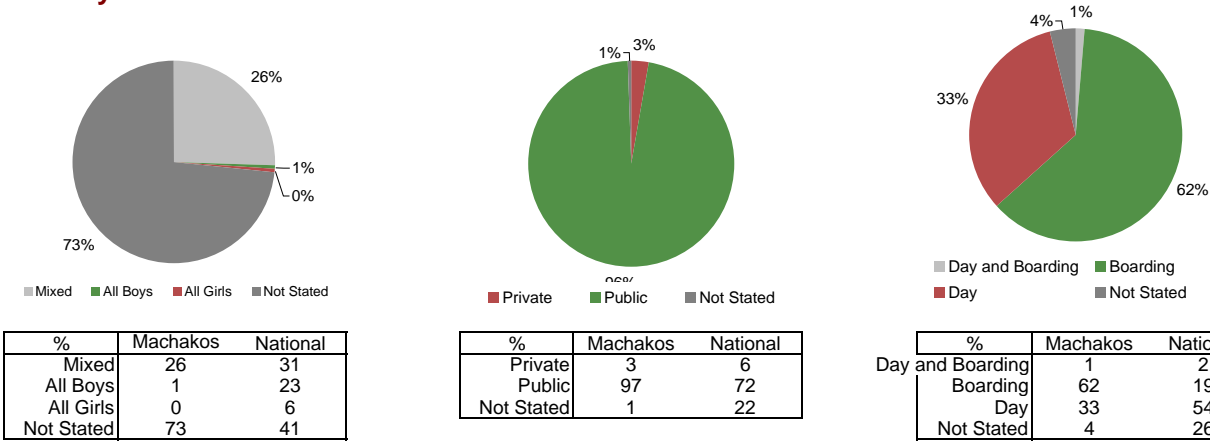


Source: TSC 2006 (public schools only); based on district summary

Average Age of Pupils by Grade



Primary School Characteristics

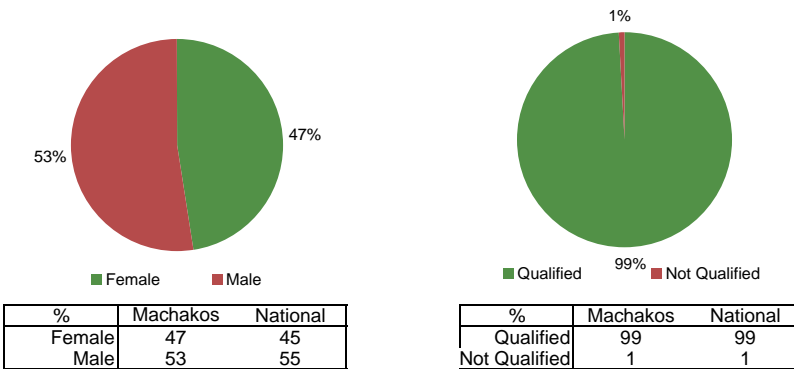


SOURCE: EMIS 2005 (based on data from 859 schools)

SOURCE: EMIS 2005 (based on data from 799 schools)

SOURCE: EMIS 2005 (based on data from 859 schools)

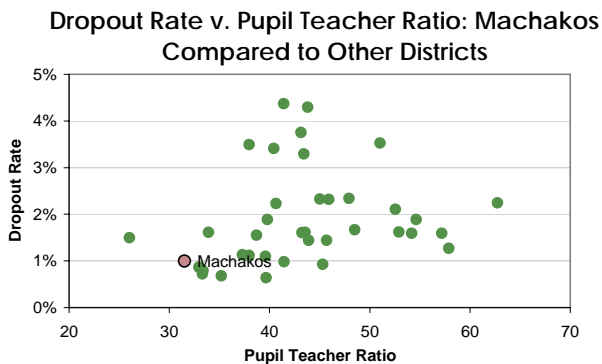
Teacher Profile



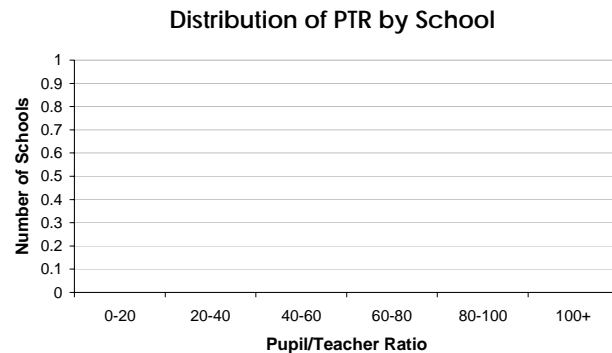
SOURCE: TSC 2006 (based on data from 6649 teachers)

SOURCE: TSC 2006 (based on data from 6649 teachers)

Resources: Pupil Teacher Ratio in schools and relation to repetition/dropout



Source for Dropout Rate: EMIS 2005 (PTR data based on district summaries)



Source for PTR: EMIS 2005 (based on data from 519 schools)