SYSTEMS APPROACHES IN EDUCATION: CONSOLIDATION & EXPANSION OF EMA TO EACH CHILD IN THE PROVINCE

Dated: 07-03-2023

www.kpimu.gov.pk
5.5.1 Population Projections

According to the calculations undertaken based on the population census 2017, the population of children of 4-17 years’ age in Khyber Pakhtunkhwa for 2018-19 is estimated at 13,981,072. Considering the population growth rate, it is expected that the population of 4-17 years’ age group would reach 16,590,409 children by 2024-25. The table below presents the population of 4-17 years’ age children in the province from 2020-21 to 2024-25.

Table 6: Population of 4-17 years Children in Khyber Pakhtunkhwa

<table>
<thead>
<tr>
<th>Year</th>
<th>Boys</th>
<th>Girls</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-21</td>
<td>7,995,585</td>
<td>6,804,013</td>
<td>14,799,599</td>
</tr>
<tr>
<td>2021-22</td>
<td>8,226,989</td>
<td>7,000,496</td>
<td>15,227,486</td>
</tr>
<tr>
<td>2022-23</td>
<td>8,465,396</td>
<td>7,202,913</td>
<td>15,668,310</td>
</tr>
<tr>
<td>2023-24</td>
<td>8,711,027</td>
<td>7,411,450</td>
<td>16,122,477</td>
</tr>
<tr>
<td>2024-25</td>
<td>8,964,109</td>
<td>7,626,299</td>
<td>16,590,409</td>
</tr>
</tbody>
</table>

Source: ESP Simulation and Costing Model

Source: Education Sector Plan, E&SED 2020-21 to 2024-25.
Figure 5: Enrolment Projections for Public Schools in Khyber Pakhtunkhwa

Source: Education Sector Plan, E&SED 2020-21 to 2024-25.
Government School Enrolment For Settled Districts (Excluding NMDs)

Source: Education Monitoring Authority Khyber Pakhtunkhwa.
Expenditures/Enrolment:

- 2022:
  - @22TPSC: 35,662
  - @21TPSC: 31,515
  - @20PSC: 19,380
  - @19TPSC: 26,482
  - @18TPSC: 26,331

- 2021:
  - @22TPSC: 35,662
  - @21TPSC: 31,515
  - @20PSC: 19,380
  - @19TPSC: 26,482
  - @18TPSC: 26,331

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  - @22TPSC: 35,662
  - @21TPSC: 31,515
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  - @22TPSC: 35,662
  - @21TPSC: 31,515
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  - @18TPSC: 26,331

- 2018:
  - @22TPSC: 35,662
  - @21TPSC: 31,515
  - @20PSC: 19,380
  - @19TPSC: 26,482
  - @18TPSC: 26,331

Source: Finance Department Govt. of Khyber Pakhtunkhwa. [https://www.finance.gkp.pk](https://www.finance.gkp.pk)
LIST OF THE KEY PERFORMANCE INDICATORS (KPIs)

- **Monthly Indicators**
  - Closed Schools
  - Teaching Staff Absenteeism
  - Non-Teaching Staff Absenteeism
  - Enrollment Attendance Gap
  - Administrative Visits
  - Illegally Occupied Schools
  - Parent Teacher Council (PTC) Details
  - Basic Facilities (Toilet, Boundary wall, Electricity and Drinking water)
LIST OF THE KPIs

• **Annual Indicators**
  • School Area & Infrastructure
  • IT Labs
  • Stipend
  • Enrollment by Age and Section wise
  • Disabled Students
  • Security Measures
  • Provision of Free Textbooks
  • School Furniture
  • Human Resource Details (Teaching and Non Teaching Staff)
  • Sanction, Working and Vacant Posts
FINANCIAL ANALYSIS
2018 to 2022
SETTLED DISTRICTS

Source: Education Monitoring Authority Khyber Pakhtunkhwa.
Average Student to Teacher Ratio in Government Schools, 2022

Source: Education Monitoring Authority Khyber Pakhtunkhwa.
Average Student to Teacher Ratio by Level by School Gender

Source: Education Monitoring Authority Khyber Pakhtunkhwa.
PER SCHOOL COST

Total No of Schools 27,908

Error Bars: 95% CI

Source: Finance Department & Education Monitoring Authority Khyber Pakhtunkhwa.
Source: Education Monitoring Authority Khyber Pakhtunkhwa.
Source: Education Monitoring Authority Khyber Pakhtunkhwa.
Note: These dropouts calculated from Class Prep to Class 10
Note: These dropouts calculated from Class Prep to Class 10
## IMPROVEMENT IN KPIs (SETTLED DISTRICTS)

<table>
<thead>
<tr>
<th>KPI</th>
<th>March – 2014</th>
<th>Present (2023)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non Functional Schools</td>
<td>441 (1.8%)</td>
<td>194 (0.6%)</td>
</tr>
<tr>
<td>Temporary Closed Schools</td>
<td>1,394 (5.6%)</td>
<td>379 (2%)</td>
</tr>
<tr>
<td>Wholly Occupied</td>
<td>61 (0.25%)</td>
<td>8 (0.02%)</td>
</tr>
<tr>
<td>Teacher Absenteeism</td>
<td>21,181 (19%)</td>
<td>17,227 (9.7%)</td>
</tr>
<tr>
<td>Un-authorized Teacher Absenteeism</td>
<td>4,450 (4.5%)</td>
<td>1,676 (0.9%)</td>
</tr>
<tr>
<td>Enrollment Attendance Gap</td>
<td>1,597,673 (48%)</td>
<td>734,361 (14%)</td>
</tr>
<tr>
<td>Electricity Non-Availability</td>
<td>8,760 (38%)</td>
<td>2,207 (8%)</td>
</tr>
<tr>
<td>Water Non-Availability</td>
<td>6,211 (27%)</td>
<td>934 (6%)</td>
</tr>
<tr>
<td>Toilet Non-Availability</td>
<td>3,117 (13%)</td>
<td>1,257 (5%)</td>
</tr>
<tr>
<td>Boundary wall Non-Availability</td>
<td>3,860 (17%)</td>
<td>1,863 (7%)</td>
</tr>
</tbody>
</table>
• School Improvement Plan (SIP) in 2016 - First step towards data-based planning
  • Rs. 27 billions allocated on the basis of SIP data

• Conditional Grant Monitoring (CG)

• Teacher Incentive Program (TIP) Calculation 2016, 2017, 2018, 2019 & 2021

• ERRA/PERRA picture activity (Oct - Nov 2021) – 98 Schools

• HRMIS verification – Oct 2021

• Shelter-less Schools survey – 331 Schools

• Examination Halls Monitoring (July – August 2021) - For All boards
• Double Shift Schools’ Monitoring – 1,377 Schools

• Development of geo-info pictorial database (2021), 70k+ school pics along with coordinates

• Rationalization of textbooks demand for KPTBB

• Independent Price Reporting at Tehsil Level (CM’s & CS’s Directives)

• Identification of schools with electric poles & electric wires (11,000 KV) within school’s premises (Completed in Mardan)

• Flood damage Assessment
Conclusion

• CONSOLIDATION
  • Further cross departmental studies be conducted, including the regulatory departments

• EXPANSION
  • Should EMA activities be extended to and data collected from Private Schools, Technical & Vocational Institutes, Universities and Madaris?
  • Should focus be shifted towards tracing a child’s educational career?
THANK YOU