EDUCATION BY THE NUMBERS 2017

INCREASING ACCESS TO EDUCATION
ENSURING EQUITY IN EDUCATION
IMPROVING QUALITY IN EDUCATION
ENHANCING EFFICIENCY
**Sports Achievement**

**KUALA LUMPUR 2017**

29th SEA GAMES
9th ASEAN PARA GAMES

- **2** Gold
- **1** Silver
- **3** Bronze

- **467** Student athletes in International events
- **28,900** Student athletes in National events
- **7** Teachers

- **1134** Student athletes
- **5** Teachers
- **22** Student athletes in Rio 2016

**Co-curricular Achievements**

- FIRST Lego league
- Open European Championship
- World Invention Creativity Contest
- Osaka Robotic Games 2017
- 45th International Exhibition of Invention in Geneva
ENSURING EQUITY IN EDUCATION

Percentage of Urban and Rural Schools

<table>
<thead>
<tr>
<th>Year</th>
<th>Primary</th>
<th>Secondary</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>20.47%</td>
<td>79.53%</td>
</tr>
<tr>
<td>2016</td>
<td>25.78%</td>
<td>74.22%</td>
</tr>
</tbody>
</table>

Urban-Rural Gap in SPM 2016 Achievement

- 2015: 0.50 points
- 2016: 0.47 points

Orang Asli Attendance Rate

- 2016: 86.3%
- 2017: 87.3%

Orang Asli & Indigenous Education

- Transition Rate from Year 6 to Form 1
  - 2008: 64%
  - 2017: 73%

- Number of Special Model Comprehensive 9 Schools (K9)
  - 2008: 5
  - 2017: 7

Percentage of Special Education Needs (SEN) Students in Inclusive Education Programme

- 2015: 23.2%
- 2016: 30.3%
ENHANCING EFFICIENCY

- Primary Schools: 2006 - 7,616, 2016 - 7,772, +156

- 99.9% Schools with Access to Electricity
- 100% Schools with Access to Water Supply
- 100% Schools with Access to Internet

Science Laboratory Planned to be Upgraded in 2017
- Major Upgrade: 960 (919 schools)
- Minor Upgrade: 610 (215 schools)
- New: 230 (77 schools)

Number of Dilapidated School Upgraded
- 2016: Primary - 18, Secondary - 2
- 2017: Primary - 112, Secondary - 8
ENHANCING EFFICIENCY

Education Expenditure

2015
RM3,154 million

2016
RM3,182 million

Students Financial Aid

Annual Recurrent Cost Per Student

2016

<table>
<thead>
<tr>
<th>Preschool</th>
<th>Primary</th>
<th>Secondary</th>
<th>Post Secondary</th>
</tr>
</thead>
<tbody>
<tr>
<td>RM 3,484.7</td>
<td>RM 6,532.6</td>
<td>RM 7,545.3</td>
<td>RM 17,472.5</td>
</tr>
</tbody>
</table>
INCREASING ACCESS TO EDUCATION

<table>
<thead>
<tr>
<th>Year</th>
<th>Preschool</th>
<th>Primary</th>
<th>Secondary</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>85.6</td>
<td>97.2</td>
<td>90.3</td>
</tr>
<tr>
<td>2017</td>
<td>84.3</td>
<td>97.9</td>
<td>91.3</td>
</tr>
</tbody>
</table>

Preschool: 5 in 10 pupils attend public school
Primary: 9 in 10 pupils attend public school
Secondary: 9 in 10 pupils attend public school
INCREASING ACCESS TO EDUCATION

TVET
Participation of students aged 15 years in Vocational Education

<table>
<thead>
<tr>
<th>Year</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>4.63%</td>
<td>5.17%</td>
<td>5.28%</td>
<td>6.24%</td>
<td>7.19%</td>
</tr>
</tbody>
</table>

Number of Graduates in Vocational College

- 2017: 12,803
- 2016: 2,273

Employability Rate of Vocational College Graduates

- 2016: 90.6%
- 2017: Almost 60% of VC graduates were employed within a month of graduation.

Percentage of Vocational College Lecturers obtain SKM Level 5

- 2016: 4.7%
- 2017: 5.8%
IMPROVING QUALITY IN EDUCATION

Teacher

Pupil Teacher Ratio
- Preschool: 2016 - 15.70
- Primary: 2016 - 11.59
- Secondary: 2016 - 12.64

Mathematics and Science Teacher 2017
- Primary: 12.71%
- Secondary: 11.71%

Head Master and Principal with NPQEL Qualification
- 2015: 1,371
- 2016: 1,685

Teacher Trainees intake in IPG 2016
- 100% 5As in SPM

Note: NPQEL = National Professional Qualifications for Educational Leaders
IMPROVING QUALITY IN EDUCATION

LINUS
Achievement Year 3 (2016)

- 98.6% Malay Language
- 94.8% English Language
- 99% Numeracy

National Average Grade in SPM

<table>
<thead>
<tr>
<th>Year</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>5.19</td>
</tr>
<tr>
<td>2016</td>
<td>5.10</td>
</tr>
</tbody>
</table>

English Language Performance (2016)

- DLP A2+B1: 75%
- NON-DLP A2+B1: 61%
- Comprehension 2015: 75.7%
- Writing 2015: -
- UPSR Writing 2016: 77.4%

Notes:
- CEFR (Common European Framework of Reference for Languages)
- DLP (Dual Language Program)
IMPROVING QUALITY IN EDUCATION

### PISA

<table>
<thead>
<tr>
<th>Year</th>
<th>Subject</th>
<th>2009</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Science</td>
<td>57</td>
<td>66.3</td>
</tr>
<tr>
<td></td>
<td>Reading</td>
<td>56</td>
<td>62.8</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td>40.7</td>
<td>62.5</td>
</tr>
</tbody>
</table>

### TIMSS

<table>
<thead>
<tr>
<th>Year</th>
<th>Subject</th>
<th>2011</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Science</td>
<td>62.16</td>
<td>77.38</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td>65.4</td>
<td>75.8</td>
</tr>
</tbody>
</table>

- Percentage of students achieved minimum proficiency
- Score