

Challenges in Improving Students' Learning in Indonesia

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Condition and Achievements of Primary and Secondary Education

CONDITION OF SCHOOL FACILITIES AND INFRASTRUCTURE

General Overview of the Condition of Primary and Secondary Education of 2017

Education Level	Number of Schools	Number of Teachers and Education Personnel	Number of Students
Primary Education	147.503	1.586.127	25.618.078
Junior Secondary Education	37.763	622.781	10.145.416
Senior Secondary Education	13.144	294.872	4.659.542
Vocational Education	13.236	276.099	4.682.913
Special Needs Education	2.070	24.657	121.244
Total	211.853	2.804.536	45.227.193

Sumber: PDSPK (2017), diolah

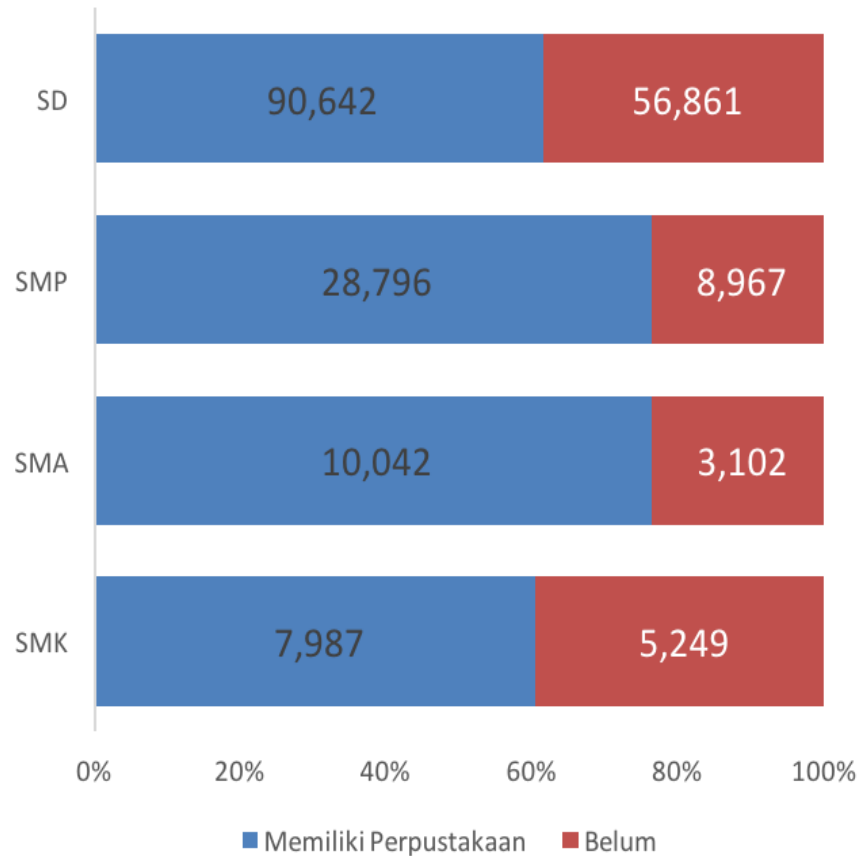
CONDITION OF SCHOOL FACILITIES AND INFRASTRUCTURE

Recapitulation of Classroom Conditions According to the Education Level

No.	Education Level	Number of Classrooms	Good	Minor Damage	Medium Damage	Heavy Damage	Totally Damage
1.	Primary Education	1.051.884	274.174	597.000	77.907	58.991	43.812
2.	Junior Secondary Education	349.351	99.777	193.917	25.069	18.607	11.981
3.	Senior Secondary Education	153.703	70.644	70.926	5.648	3.656	2.829
4.	Vocational Education	144.605	66.681	70.221	3.307	2.322	2.074
5.	Special Needs Education	19.925	7.344	10.964	830	458	329
	TOTAL	1.719.468	518.620	943.028	112.761	84.034	61.025

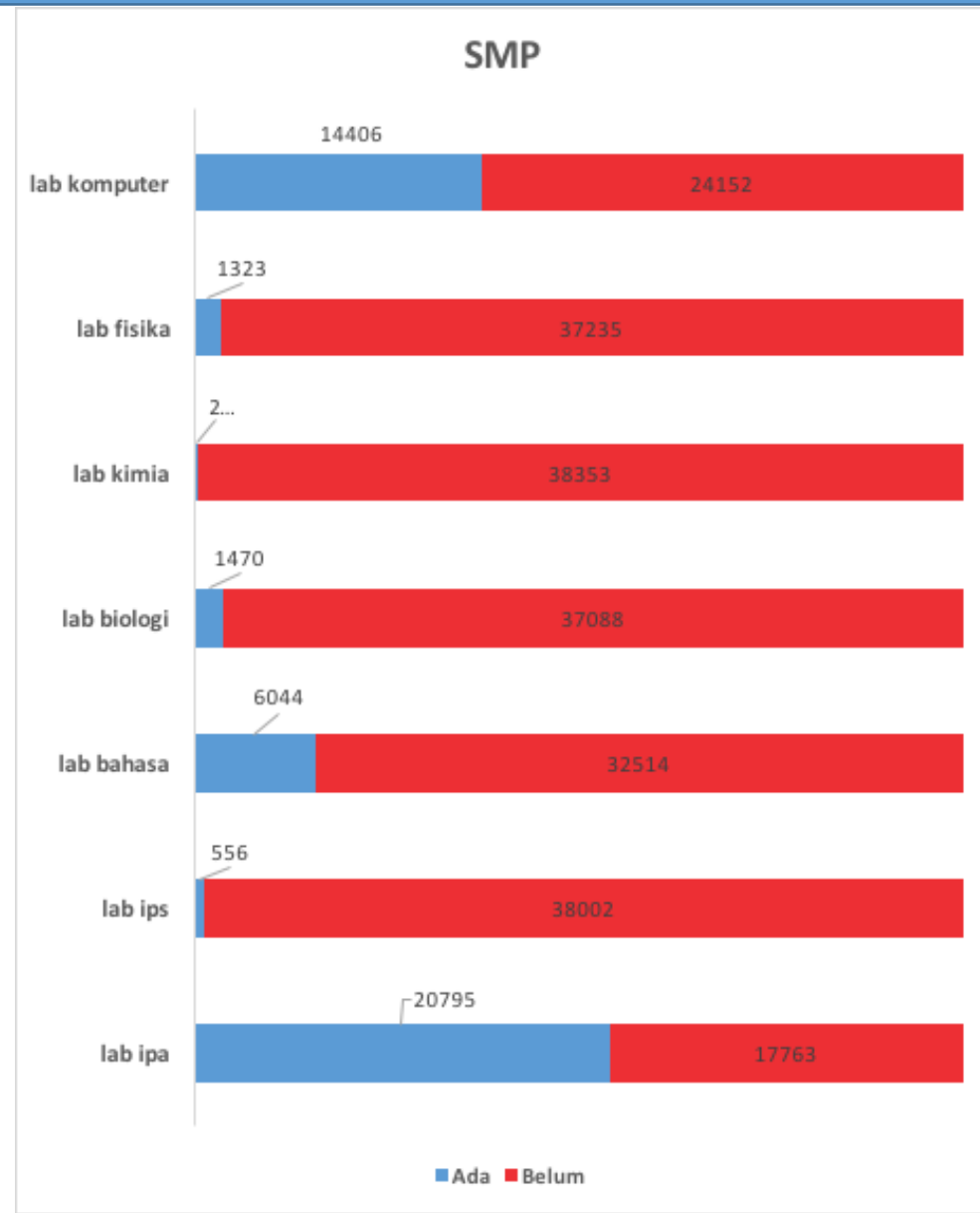
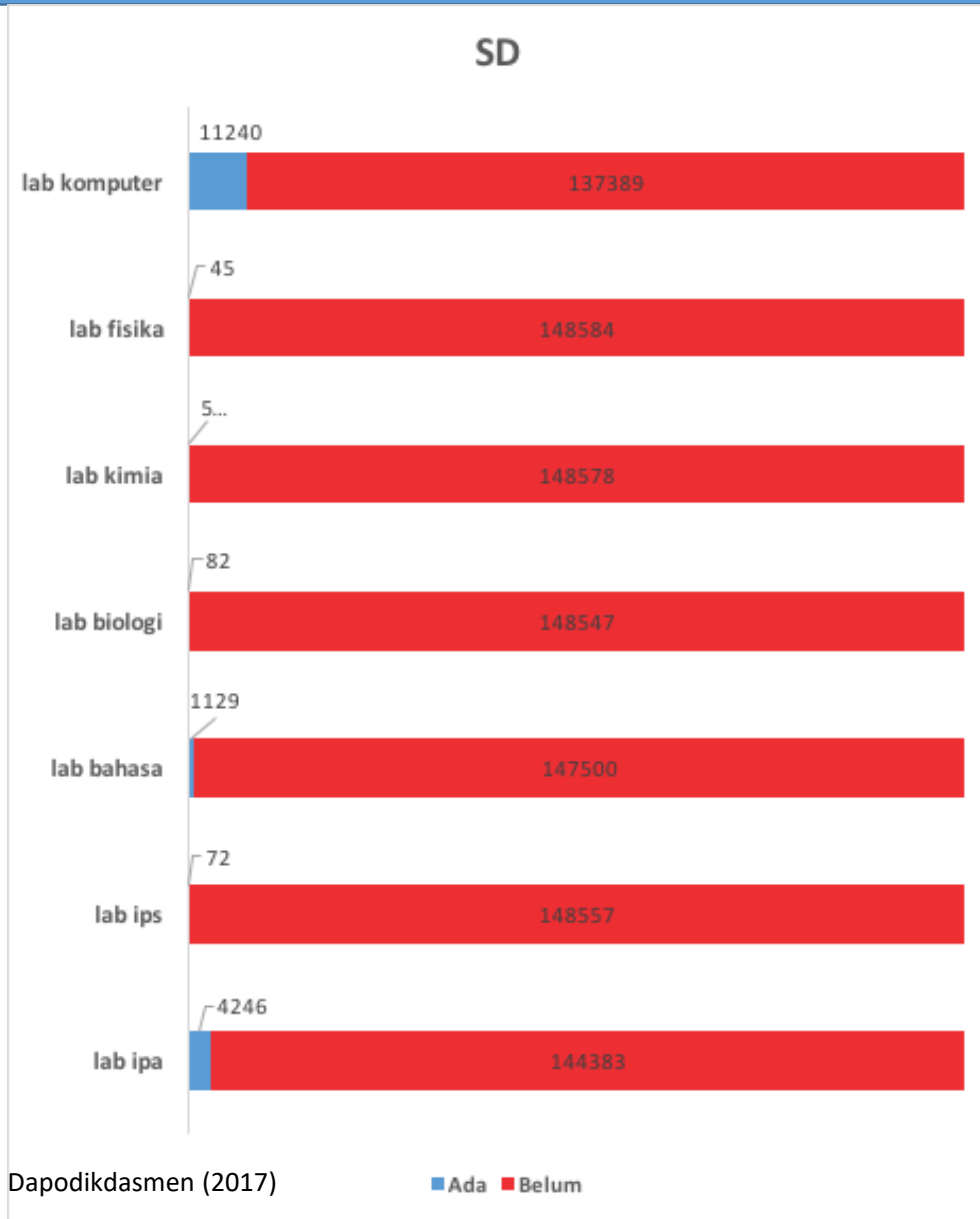
CONDITION OF SCHOOLS FACILITIES AND INFRASTRUCTURE

Library Facilities

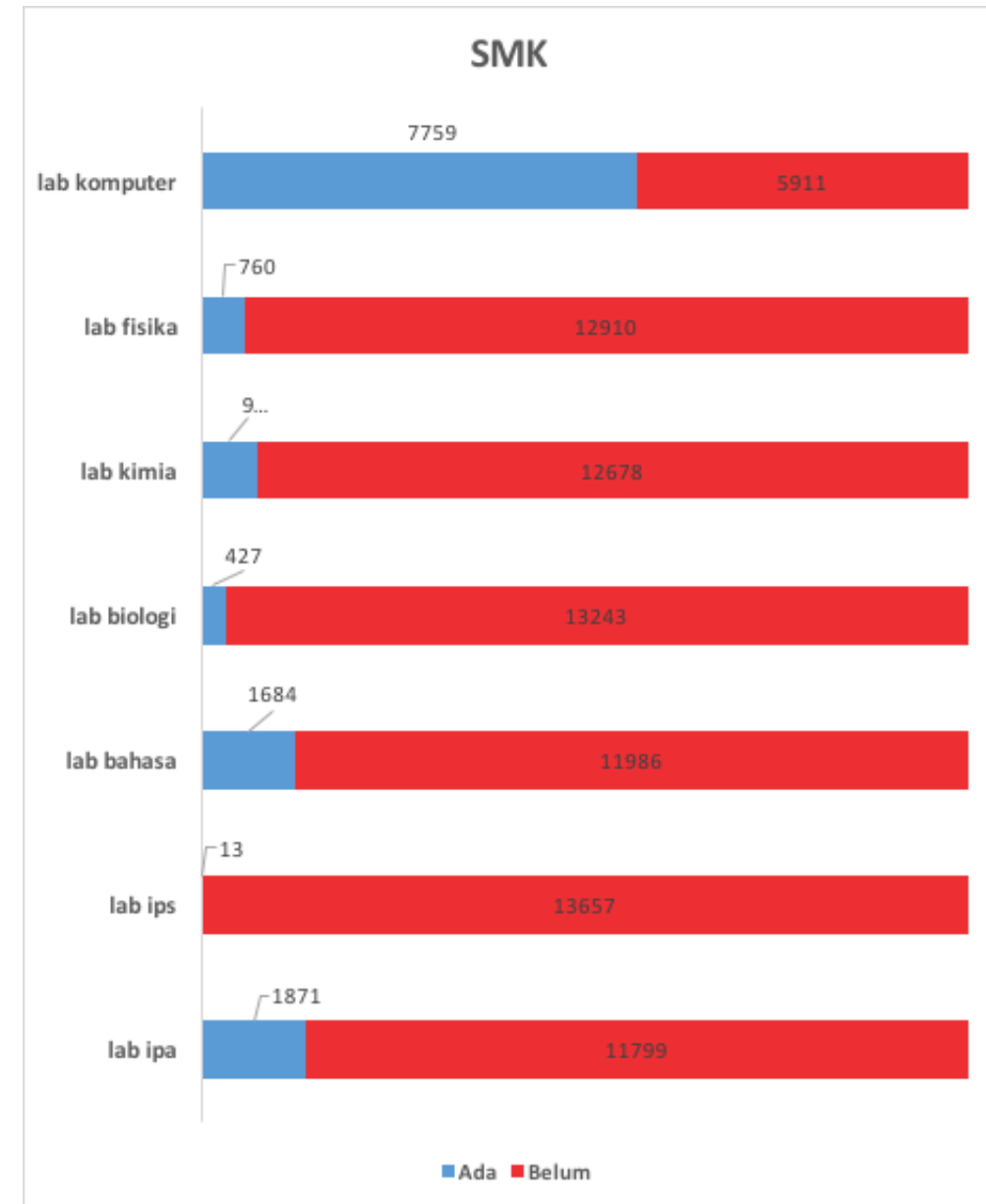
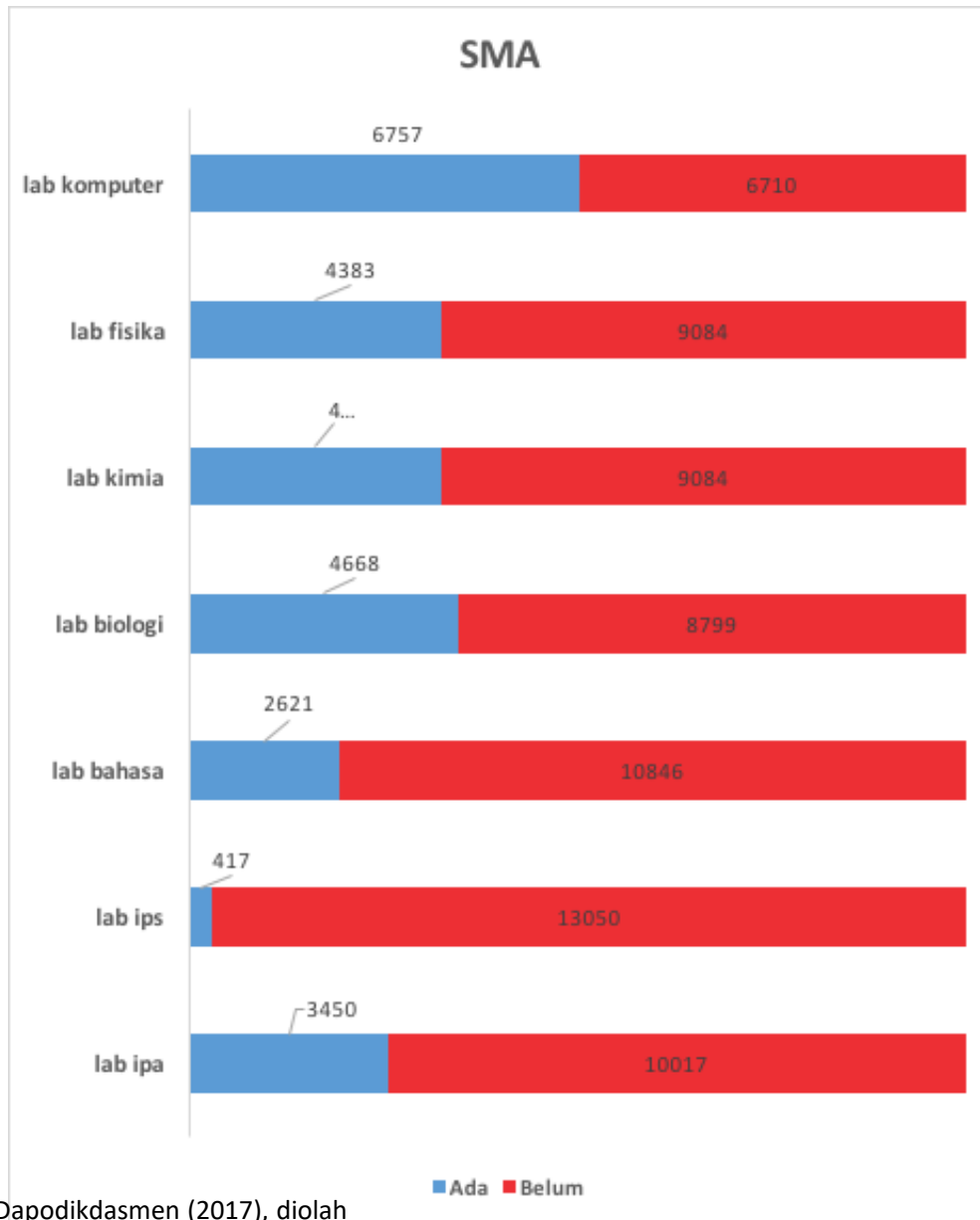


Education Level	Number of Libraries	Good	Minor Damage	Medium Damage	Heavy Damage	Totally Damaged
Primary Education	90.642	28.137	51.785	4.324	3.150	3.246
Junior Secondary Education	28.796	8.315	15.570	1.840	1.636	1.435
Senior Secondary Education	10.042	4.357	4.789	394	263	239
Vocational Education	7.987	3.566	3.868	221	152	180

LABORATORIUMS CONDITIONS IN PRIMARY AND SECONDARY EDUCATION



CONDITION OF LABORATORIUMS IN VOCATIONAL EDUCATION

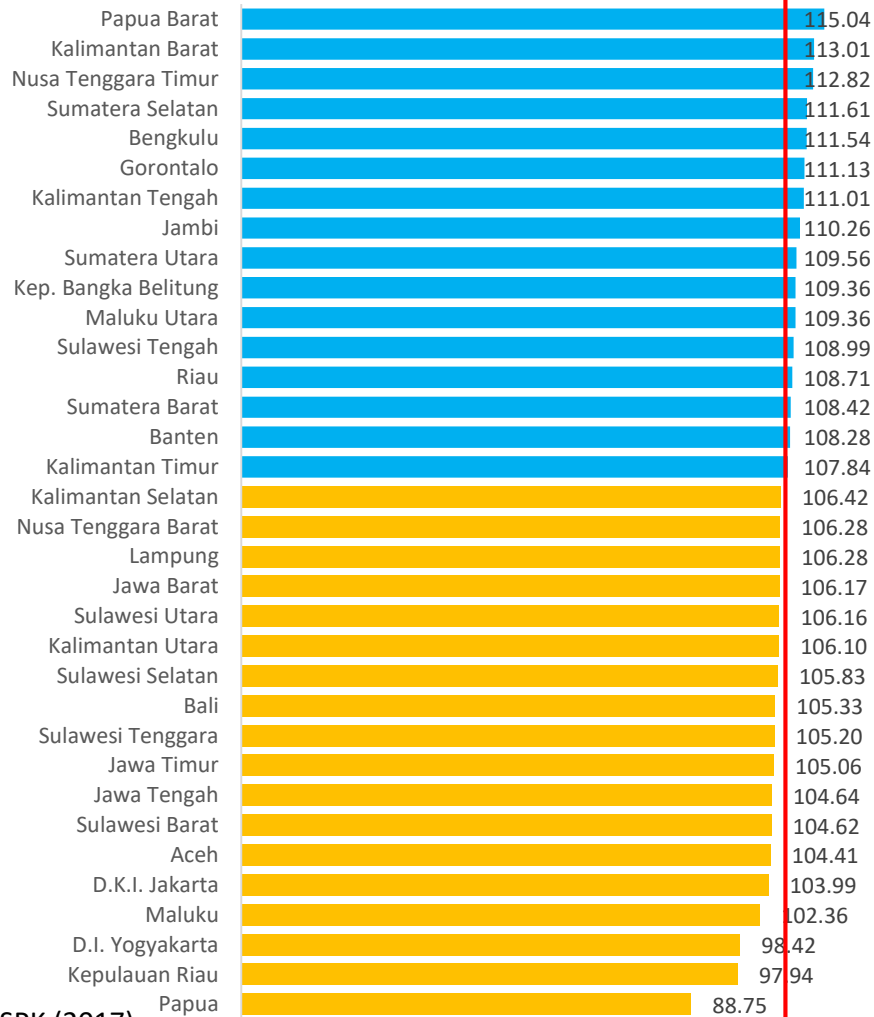


Source: Dapodikdasmen (2017), diolah

GROSS ENROLLMENT RATE AND NET ENROLLMENT RATE FOR PRIMARY EDUCATION Academic Year of 2016/2017

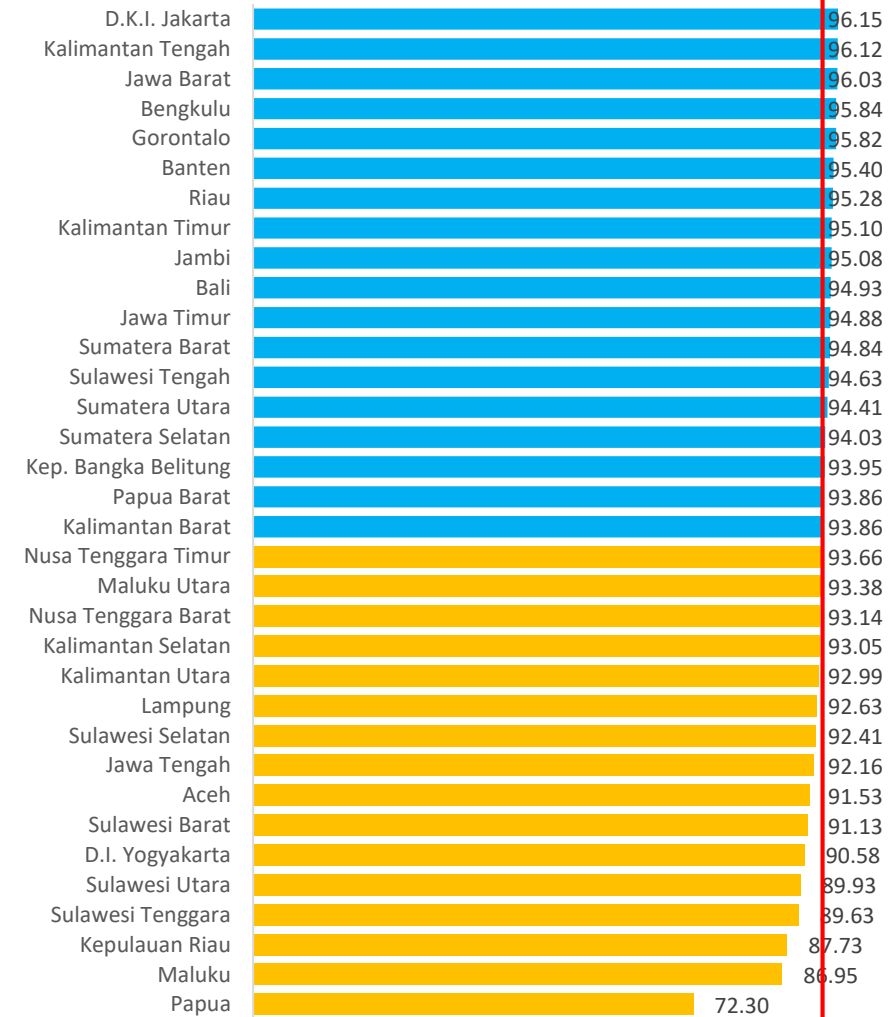
Gross Enrollment Rate
Primary Education - Year 2016/2017

Nasional
106,44



Net Enrollment Rate
Primary Education - Year 2016/2017

Nasional
93,73

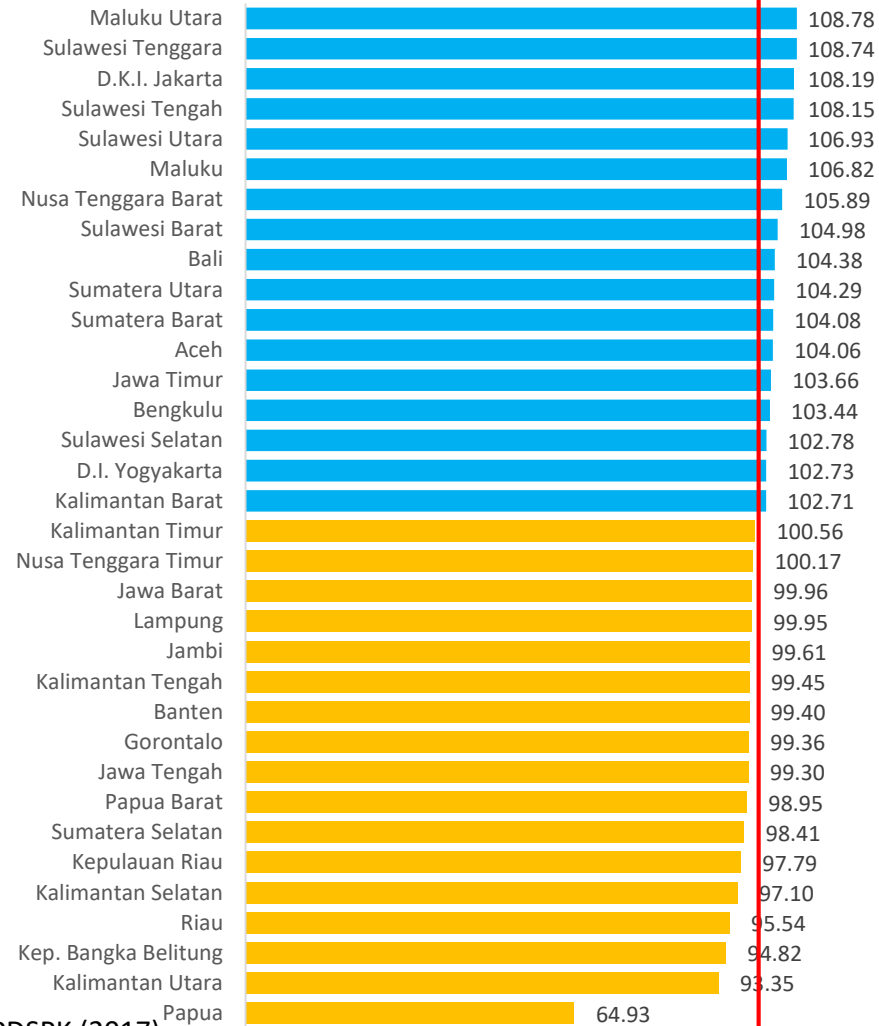


Sumber: PDSPK (2017)

GROSS ENROLLMENT RATE AND NET ENROLLMENT RATE FOR JUNIOR SECONDARY EDUCATION Academic Year of 2016/2017

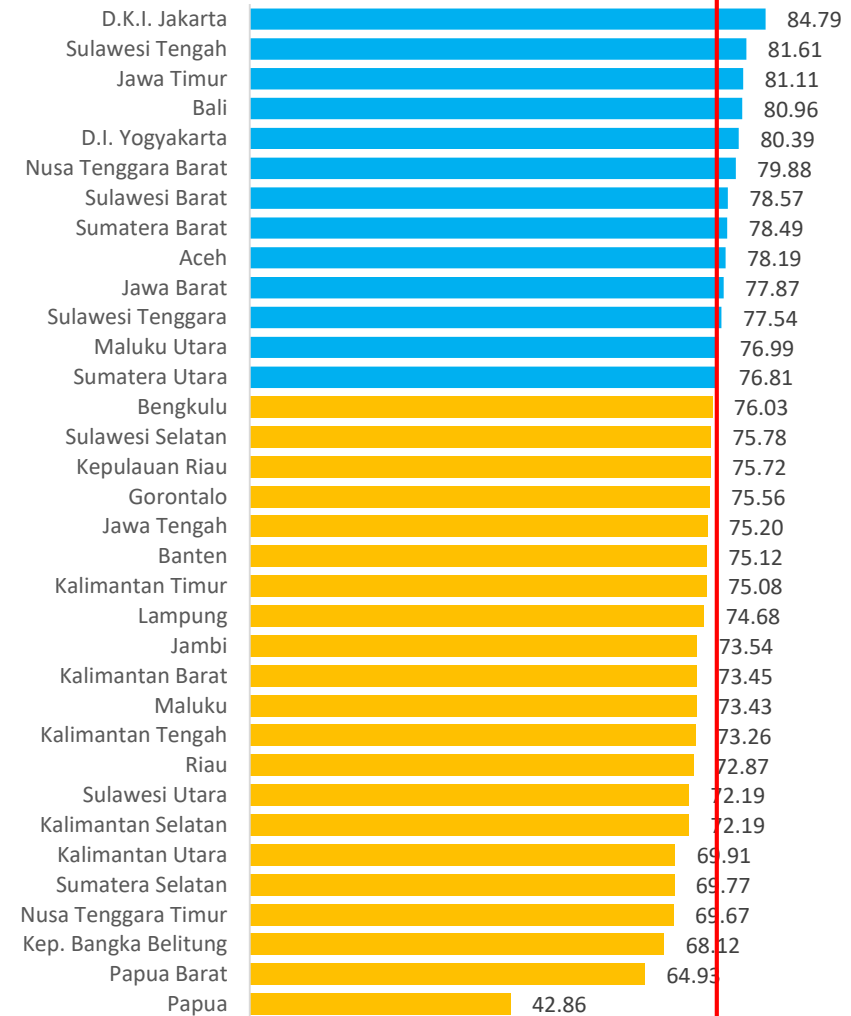
**Gross Enrollment Rate of Junior Secondary Education
Year 2016/2017**

**Nasional
101,05**



**Net Enrollment Rate of
Junior Secondary Education
Year 2016/2017**

**Nasional
76,29**

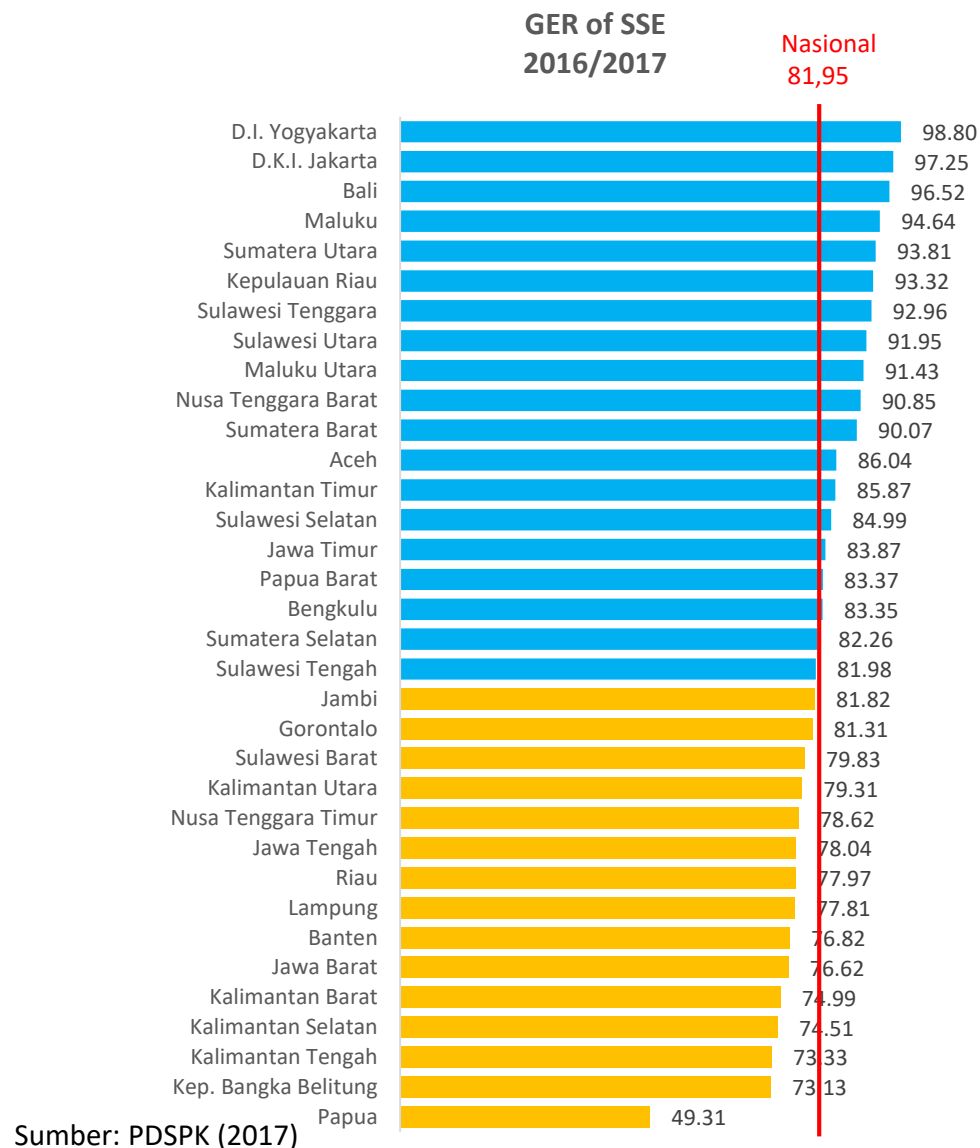


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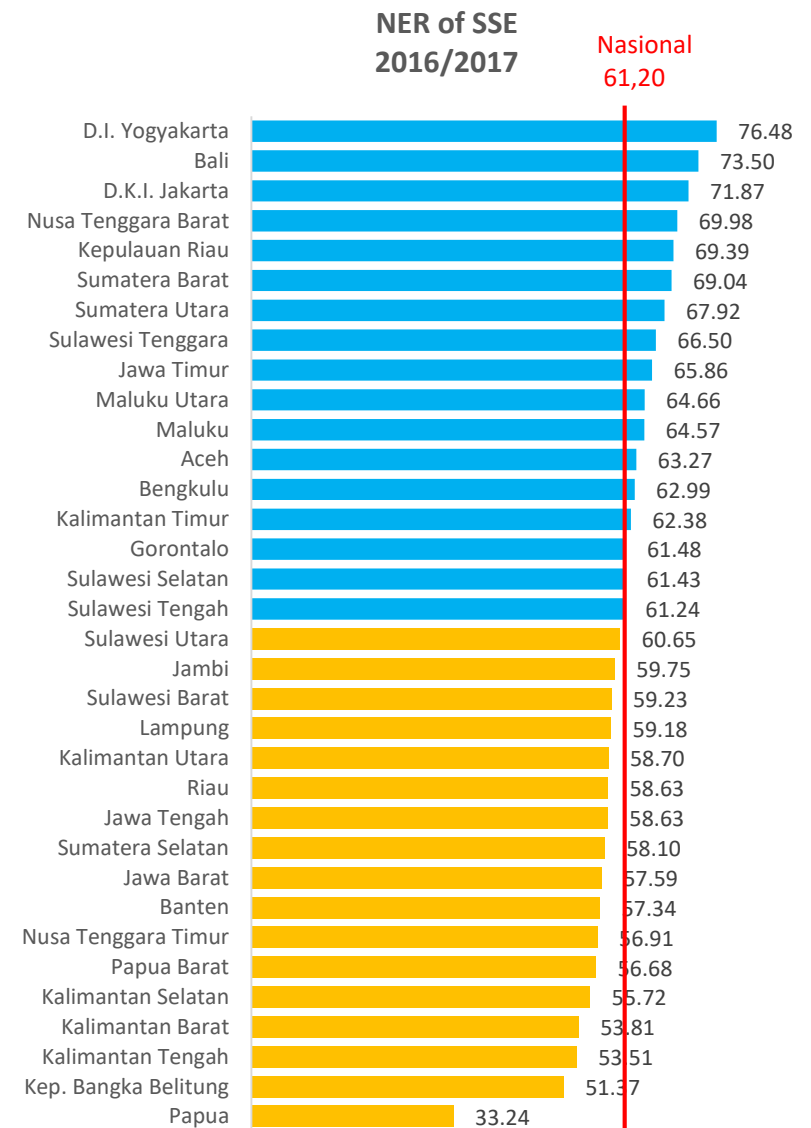
GROSS ENROLLMENT RATE AND NET ENROLLMENT RATE

SENIOR SECONDARY EDUCATION

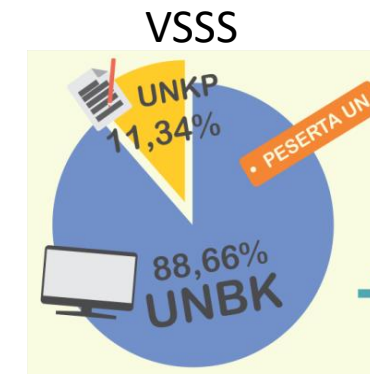
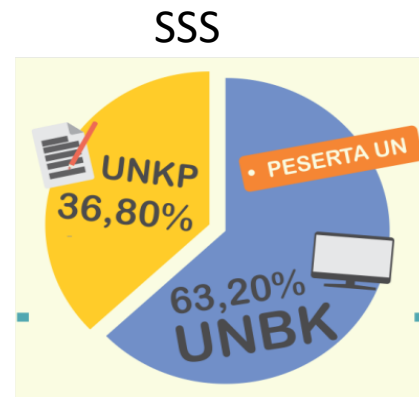
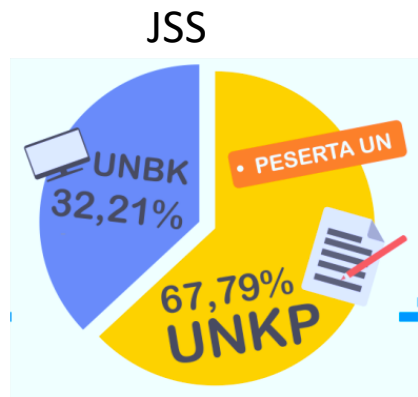
Year 2016/2017



Sumber: PDSPK (2017)



Computer-Based National Exam for Primary School, Junior Secondary School, Senior Secondary School, and Vocational Senior Secondary School



	JSE	SSE	VSE
Students	4,2 Millions	1,8 Millions	1,3 Millions
Computer-Based National Exam	11.096 Schools	9.652 Schools	9.829 Schools
Paper-Based National Exam	45.092 Schools	10.905 Schools	2.680 Schools

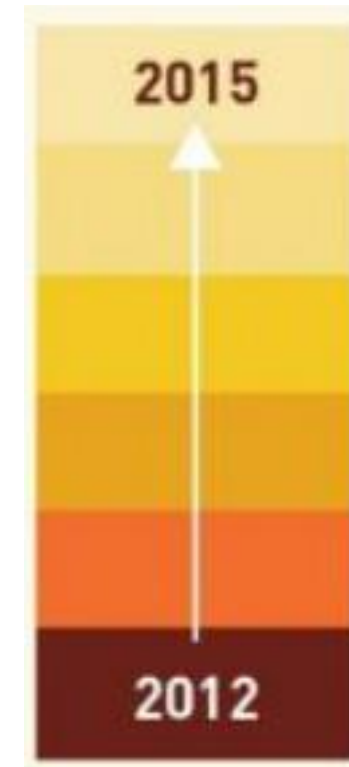
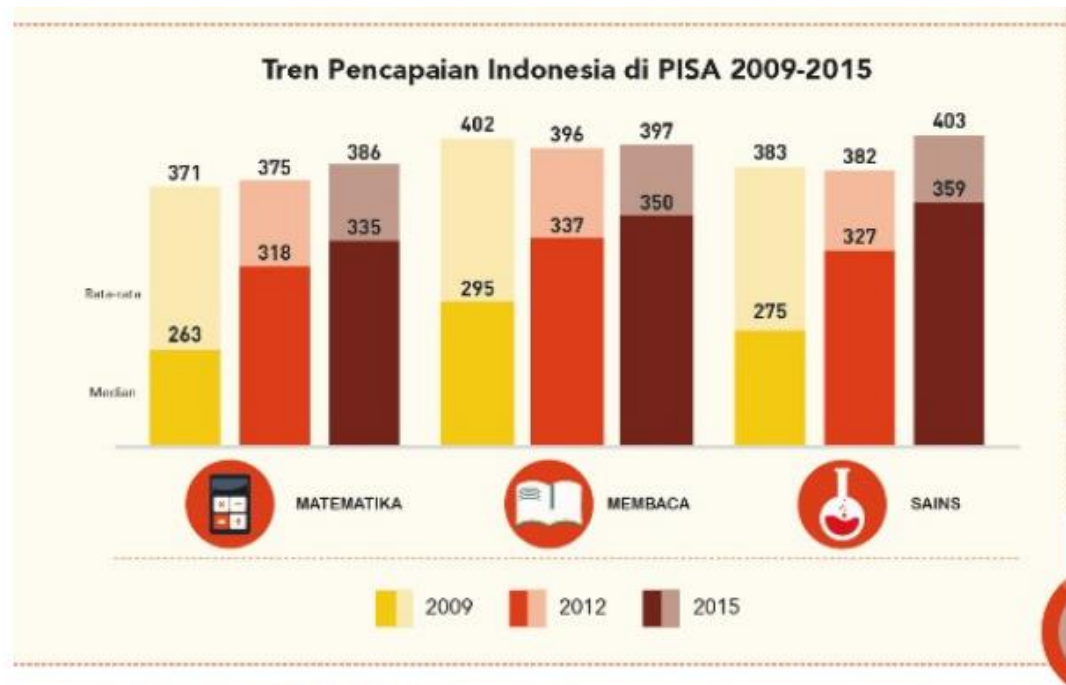
National Exam Results

Levels of Education	National Exam Average		Increase/Decrease	National Exam Integrity Index		Increase/Decrease
	2016	2017		2016	2017	
JSE	58,61	54,25	-4,36	69,65	77,96	8,31
SSE	55,02	50,93	-4,09	64,21	73,12	8,91
MA	53,92	48,45	-5,47	61,12	74,68	13,56
VSSE *)	52,84	47,01	-,583	70,94	67,73	-3,21

*) Vocational Education's NE Integrity Index declines because NE Integrity Index for Paper Based National Exam's Result also drops down, while for Computer-Based National Exam the score is still 100

PISA

The figure shows that PISA 2015 science score increase 21 points from 2012 to 2015.



Indonesia moved up 6 levels from the second lowest rank in 2012 to rank 62 (out of 69) in 2015 for science literacy.

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Policies and Program of Primary and Secondary Education 2017

Strategic Framework of Ministry of Education and Culture 2015-2019

STRATEGY 1

Strengthening of Education and Culture Actors

- Strengthening students, teachers, principals, parents, and leaders of educational institutions in education ecosystem.
- Empowering culture actors in the cultural preservation and development.
- Focus of policy is directed to the strengthening of independent behavior and positive character

STRATEGY 2

Improvement of Quality and Access

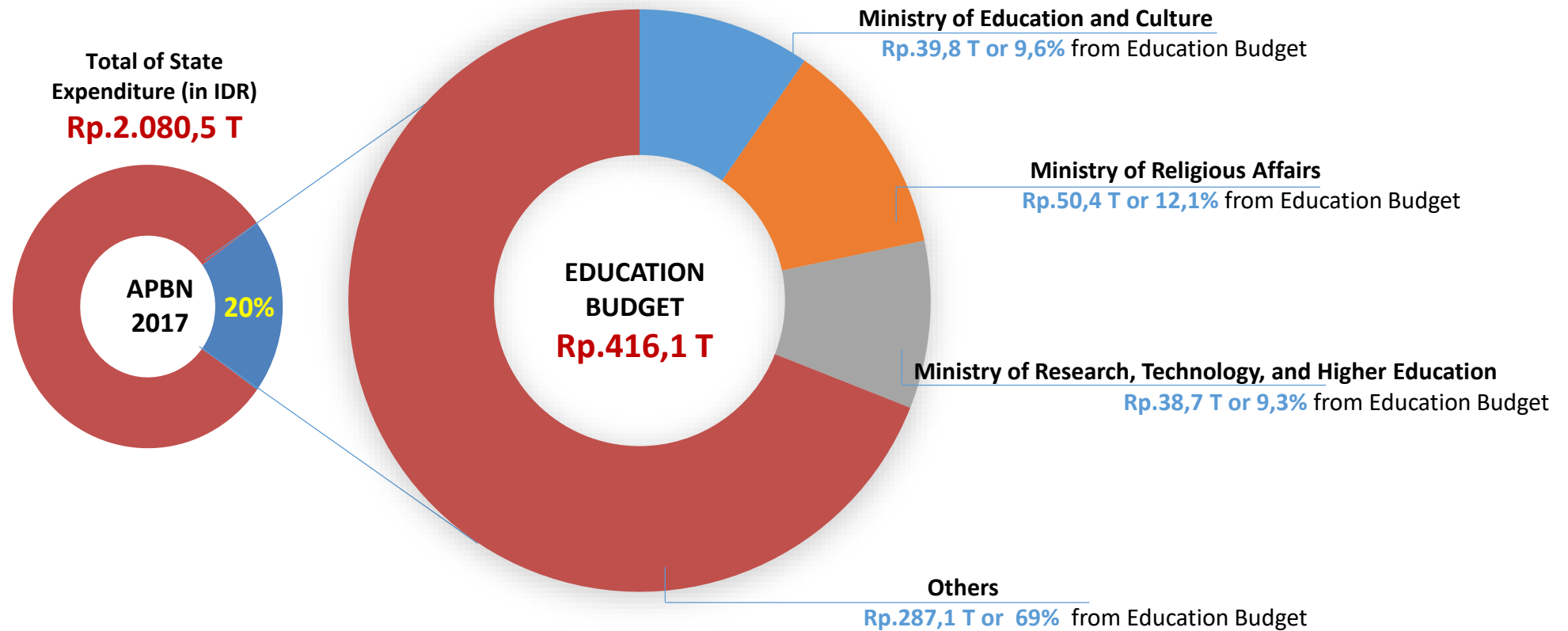
- Improving the quality of education according to the scope of National Standard of Education to optimize the achievement of 12 Years of “Wajib Belajar”.
- Enhancing the availability and affordability of educational service, especially for marginalized groups.
- The focus of policy is based on the acceleration of quality and access improvement and to face global competition with understanding towards diversity, strengthening of good practice, and innovation.

STRATEGY 3

Development of Bureaucracy Effectivity through Improvement of Good Governance and Public Involvement

- Involving the public into the entire aspect of policy management with the basis of data, research, and field evidence.
- Helping to strengthen the capacity of governance of educational bureaucracy in all provinces.
- Developing cross-sector coordination and cooperation.
- The focus of policy is started from realizing the bureaucracy of Ministry of Education and Culture which can be a role model in a clean and good governance, effective, and efficient, as well as involving the public.

Education Budget Posture for 2017



Intervention Program in Primary and Secondary Education in 2017

Numbers	Activities
17,9 Million	Students receive Indonesia Smart Card (Kartu Indonesia Pintar/ KIP)
22,2 Thousands	Students will participate in competitions such as OSN, O2SN, FLS2N
31,6 Thousands	Students will receive Scholarships for Academic and Non Academic Achievements
53,2 Thousands	Students will receive National Character-Building Training
135 Thousands	Students with special needs will receive operational support
100 Thousands	Primary education students will receive nutrition program
553,4 Thousands	Teachers Training for New Curriculum-2013
4,5 Thousands	Principals will receive School-Based Management Training

Intervention Program in Primary and Secondary Education in 2017

Numbers	Item
221	New School Construction
50	SD-SMP One-Roof Schools
2.625	new classrooms
41.321	Classroom Rehabilitations
2.077	New Laboratories
1.311	New Libraries
305	School revitalizations
15.194	School Equipments
281	Multifunction Rooms
3	School Dormitories

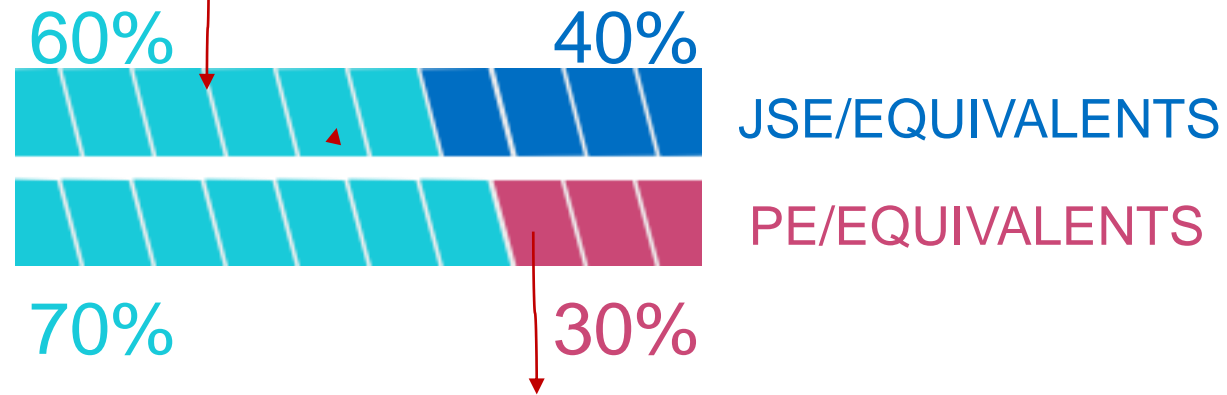
Numbers	Item
79.060	Schools Implement New Curriculum-2013
1.782	Reference Schools
550	Schools Based on Pesantren
14	Indonesian Schools Abroad
50	Vocational Schools of Maritime
50	Vocational Schools of Tourism
100	Vocational Schools of Agriculture
1540	Vocational Schools Cooperating with Industrial Sector
220	Vocational Teaching Factory Schools/ Technoparks

3

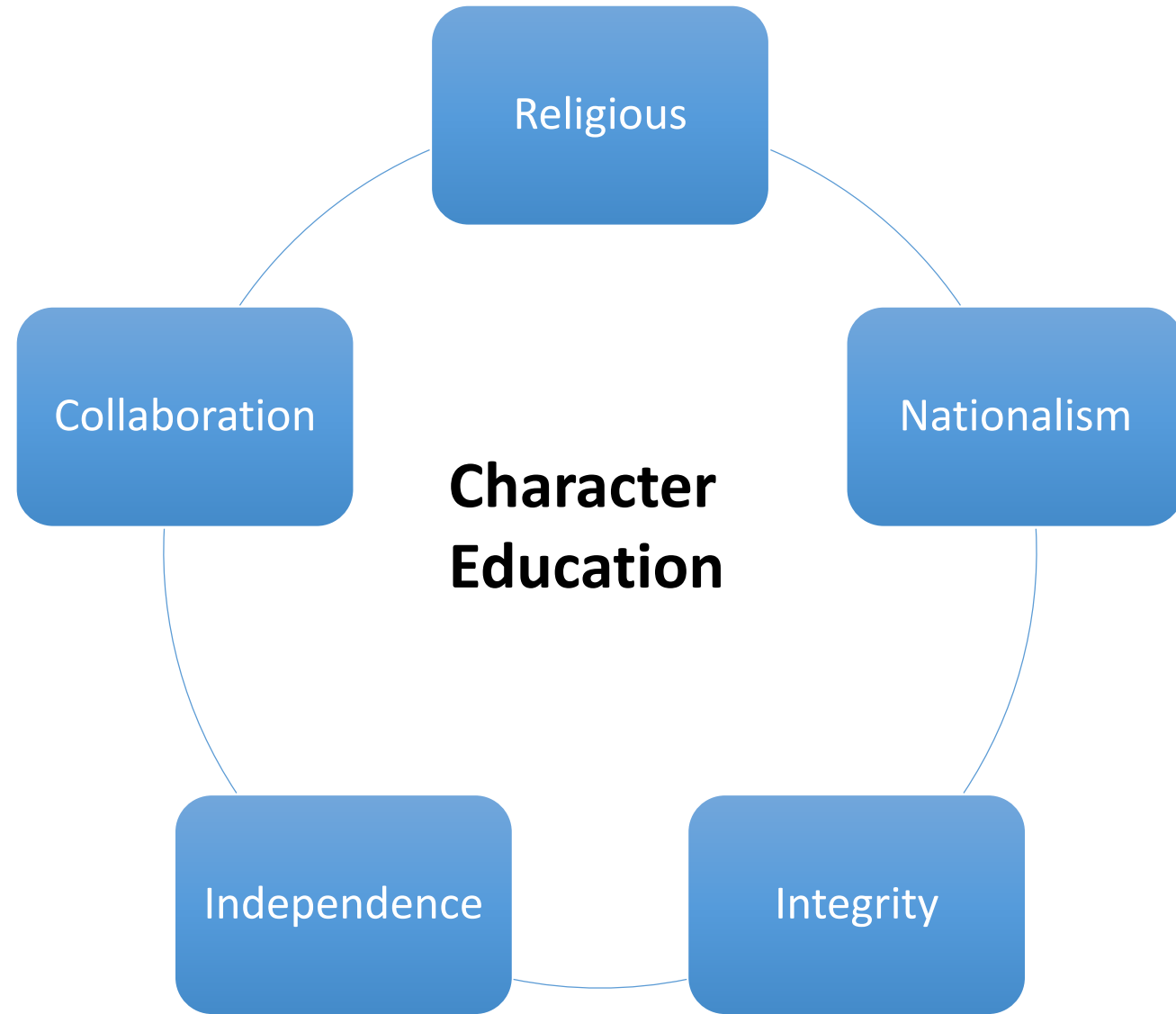
Strengthening the Character Education

CHARACTER EDUCATION

Character Education



Academic Education



CONCLUSION

1. Increasing quality
 - a. Improving learning outcome
 - b. Improving students' understanding and skill
 - c. Supporting students with low reading ability and low motivation
 - d. Improving learning process
 - e. Improving teachers' quality
 - f. Improving school leadership
 - g. Involving teachers, students, parents, and policy makers/ community.

CONCLUSION

2. Improving Equity

- a. Increasing participants in primary and secondary education
- b. Increasing students' life skill and knowledge for further learning prospect
- c. Expanding scholarship for students with poor background

CONCLUSION

- 3. Increasing Good Governance
 - a. Transparency and Accountability
 - b. Bureaucracy Efficiency
 - c. Database Driven Program (Dapodik)
 - d. Capacity Building for District and Province through Education Reform

Thank You