

Equality Issues in Education of Korea

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* Note: Not for citation. This version of presentation did not include full referencing.

I. Introduction

Equity vs Equality

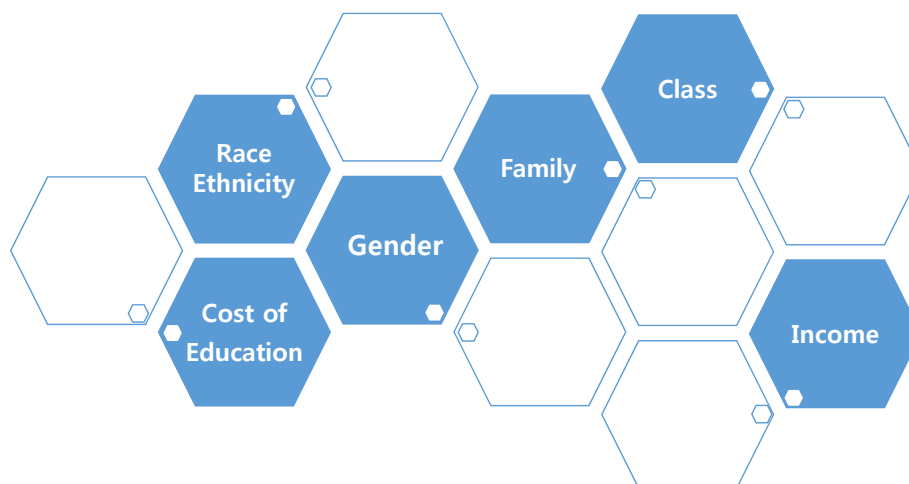
Equity

- Equity recognizes that some are at a larger disadvantage than others and aims at compensating for these peoples misfortunes and disabilities to ensure that everyone can attain the same type of healthy lifestyle. Examples of this are:
- "When libraries offer literacy programs, when schools offer courses in English as a second language, and when foundations target scholarships to students from poor families, they operationalize a belief in equity of access as fairness and as justice" (ALA, 2014)

Equality

- "access to channels of communication and sources of information that is made available on even terms to all--a level playing field--is derived from the concept of fairness as uniform distribution, where everyone is entitled to the same level of access and can avail themselves if they so choose." (ALA, 2014)
- In this definition of equality no one person has an unfair advantage. Everyone is given equal opportunities and accessibility and are then free to do what they please with it. However, this is not to say that everyone is then inherently equal. Some people may choose to seize these open and equal opportunities while others let them pass by.

Macro Relations Between Education and Economic, Social and Cultural Aspects



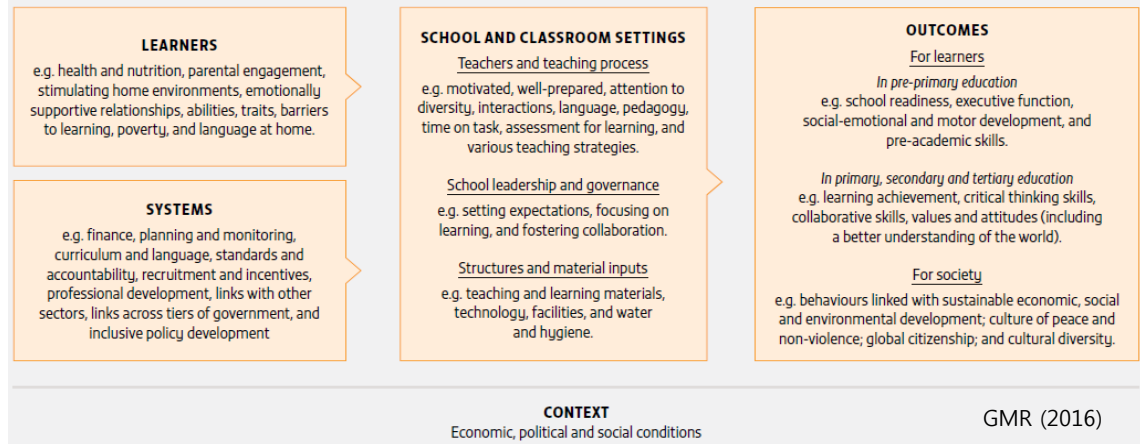
Equity in Education of OECD

Criteria	Themes	Main Components	Key Indicators
Input	The access to learning opportunities as the input	Level of equitable educational opportunities	School enrolment Public education expenditure per student
Process	The participation as the process	Participation in learning process of vulnerable groups	Completion of upper secondary
Output	The learning achievement as the output	Quantitive and Qualitative differences in learning outcome between students from vulnerable groups and non-vulnerable groups	Differences in learning outcome based on the level of parents' education Differences in learning outcome based on family income

Schleicher, A. (2014), OECD

Access and Quality in Education of UN

A framework for education quality



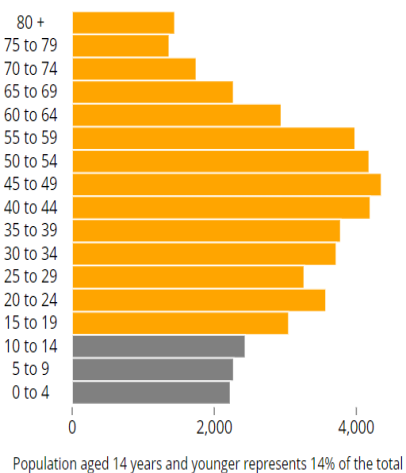
II. Korean Education: Overview

Korea – Overview

Socio-economic indicators

Total population (in thousands)	50,792
Annual population growth (%)	0.40
Population 15-24 years (in thousands)	6,619
Population aged 14 years and younger (in thousands)	6,934
Rural population (% of total population)	17
Total fertility rate (births per woman)	1.20
Infant mortality rate (per 1,000 live births)	3
Life expectancy at birth (years)	82
Prevalence of HIV (% of population aged 15-49 years)	...
Poverty headcount ratio at 3.10 PPP\$ a day (% of population)	...
GDP per capita - PPP\$	34,549
Annual GDP growth (%)	3.10
Total debt service (% of GNI)	...
GDP in billions - PPP\$	1,969

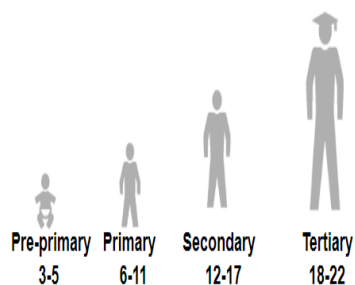
Total population by age group, 2016 (in thousands)



(UIS, 2018)

Korean Education System

Official school ages by level of education



School-age population by education level

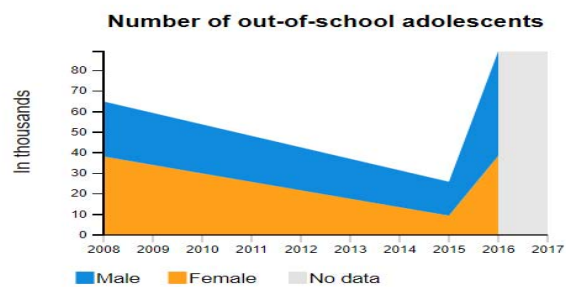
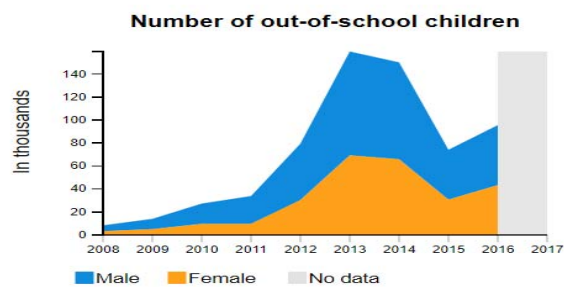
Pre-primary	1,345,304
Primary	2,763,236
Secondary	3,240,027
Tertiary	3,416,889

- Compulsory education lasts 9 years from age 6 to age 14

(UIS, 2018)

III. Korean Education: Trends

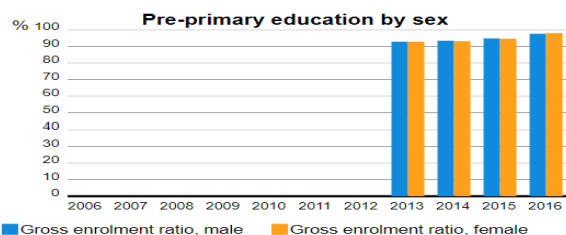
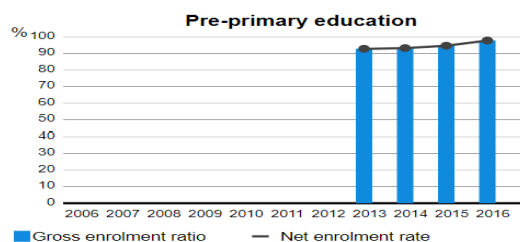
Participation in Education (Dropout)



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Out-of-school children										
Total	8,278	13,933	27,243	33,870	79,417	159,634	150,215	74,115	95,530	...
Female	3,297	5,113	9,753	9,836	30,588	69,294	65,926	30,833	43,502	...
Male	4,981	8,820	17,490	24,034	48,829	90,340	84,289	43,282	52,028	...
Out-of-school adolescents										
Total	64,989	11,670	4,383	1,246	2,233	1,685	...	25,880	89,267	...
Female	38,169	...	...	...	...	...	...	9,404	38,468	...
Male	26,820	...	...	...	...	...	...	16,476	50,799	...

(UIS, 2018)

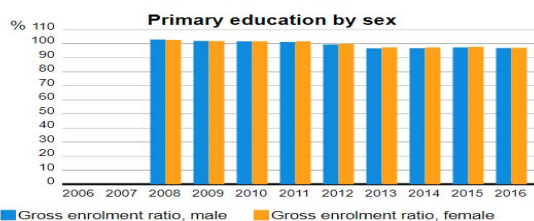
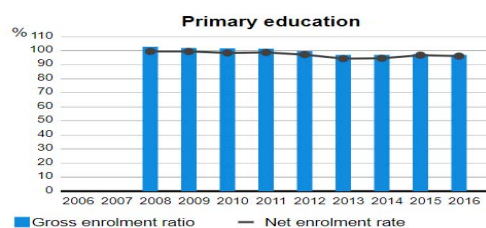
Participation in Education (Pre-Primary)



PRE-PRIMARY EDUCATION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gross enrolment ratio (%)										
Total	92.88	93.33	94.77	97.86	...
Female	92.87	93.18	94.68	98.08	...
Male	92.88	93.46	94.85	97.66	...
Net enrolment rate (%)										
Total	92.83	93.27	94.7	97.81	...
Female	92.83	93.13	94.62	98.03	...
Male	92.82	93.4	94.77	97.62	...

(UIS, 2018)

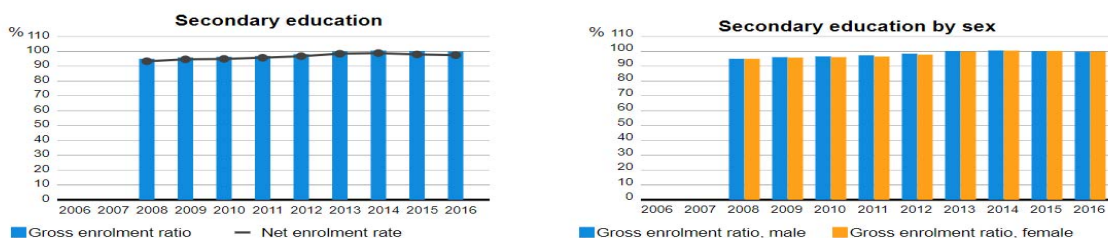
Participation in Education (Primary)



PRIMARY EDUCATION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gross enrolment ratio (%)										
Total	102.81	101.94	101.7	101.44	99.67	97.02	97.04	97.59	96.99	...
Female	102.66	101.91	101.73	101.68	99.99	97.37	97.33	97.82	97.09	...
Male	102.94	101.97	101.67	101.23	99.38	96.7	96.78	97.37	96.9	...
Net enrolment rate (%)										
Total	99.5	99.43	98.4	98.78	97.2	94.36	94.59	96.8	96.14	...
Female	99.52	99.51	98.55	99.18	97.71	94.85	95.02	97.08	96.27	...
Male	99.49	99.36	98.26	98.41	96.75	93.91	94.19	96.53	96.02	...

(UIS, 2018)

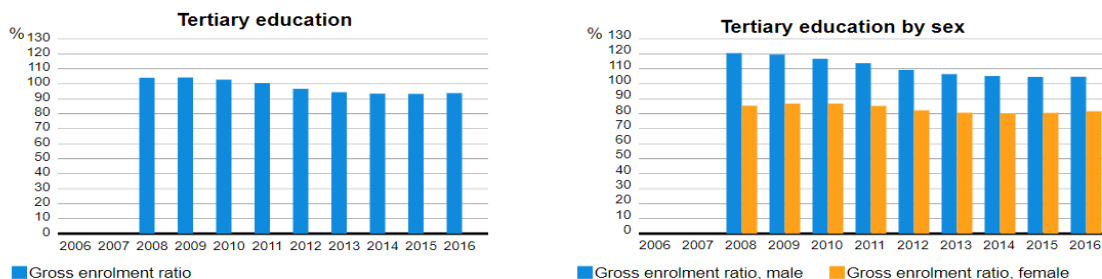
Participation in Education (Secondary)



SECONDARY EDUCATION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gross enrolment ratio (%)										
Total	94.97	95.9	96.33	96.91	98.1	99.96	100.51	100.2	99.75	...
Female	94.97	95.75	96.06	96.47	97.75	99.75	100.47	100.27	99.82	...
Male	94.97	96.04	96.57	97.3	98.41	100.15	100.55	100.13	99.68	...
Net enrolment rate (%)										
Total	93.3	94.58	94.87	95.64	96.72	98.35	98.8	97.89	97.42	...
Female	93.41	94.46	94.68	95.38	96.56	98.25	98.94	98.08	97.64	...
Male	93.21	94.68	95.03	95.88	96.86	98.44	98.67	97.72	97.23	...

(UIS, 2018)

Participation in Education (Tertiary)



TERTIARY EDUCATION	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gross enrolment ratio (%)										
Total	104.02	104.21	102.76	100.45	96.64	94.37	93.42	93.26	93.78	...
Female	85.39	86.78	86.8	85.27	82.29	80.69	80.2	80.57	81.66	...
Male	120.45	119.47	116.69	113.75	109.25	106.45	105.16	104.6	104.7	...

(UIS, 2018)

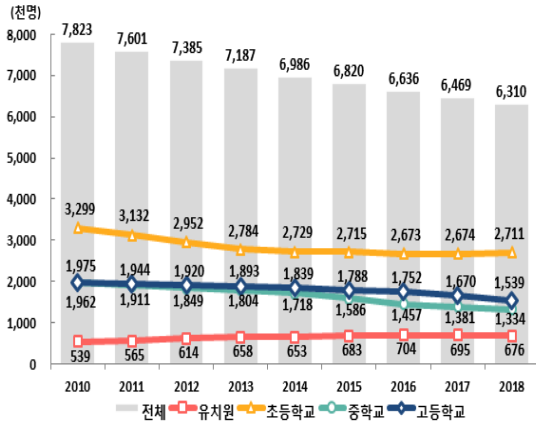
Progress and Completion in Education

	TOTAL	MALE	FEMALE	
School life expectancy ISCED 1-8 (years)	16.39	16.9	15.82	(2016)
Percentage of repeaters in primary (%)	0	0	0	(2016)
Survival to the last grade of primary (%)	99.4	99.4	99.39	(2015)
Gross intake ratio into the last grade of primary (%)	96.12	95.8	96.47	(2016)
Primary to secondary transition rate (%)	99.65	99.8	99.49	(2015)

(UIS, 2018)

IV. Equity in Korean Education

Schools and Students

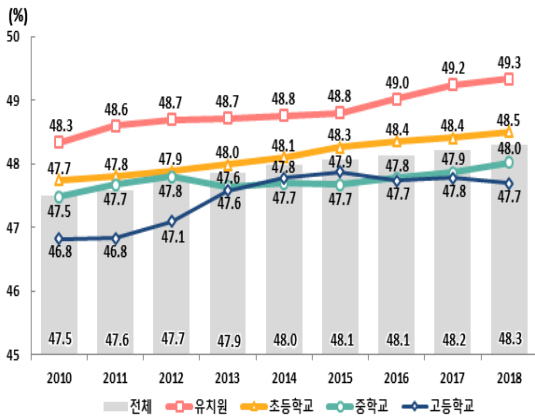


- Number of schools increased by 29, while 24 primary schools are increased in comparisons to the number of schools in 2017 .
- Overall, total number of students in 2018 are in decline (6,468,629, 158,906, 2.5% in decline) , while the number of primary school students are in increase
- Total number of students are all in decline, except in Sejong City which 17.8% increased in comparison to that of 2017.

Translation: Grey (total), Red (Pre-primary), Yellow (primary) Green (lower secondary), blue (upper-secondary)

Source: 2018 Korean Education Statistics (MoE, August, 2018)

Status of Girls in Education

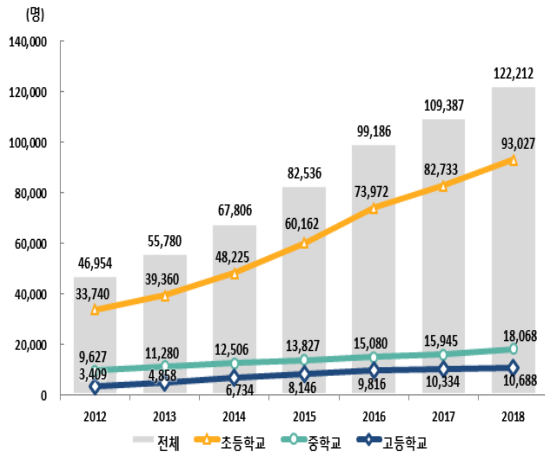


- Ratios of girls in primary and lower secondary increased 0.1% each in comparison to those of 2017.
- Total number of girls in primary and lower secondary decreased by 72,454 in comparison to those of 2017.

Translation: Grey (total), Red (Pre-primary), Yellow (primary) Green (lower secondary), blue (upper-secondary)

Source: 2018 Korean Education Statistics (MoE, August, 2018)

Multiculturalism in Korean Education (1)



Translation: Grey (total), Red (Pre-primary), Yellow (primary)
Green (lower secondary), blue (upper-secondary)

- 'Students with multicultural backgrounds' is make up of 2.2% (122,212) of total number of students in Korea
- Total number (109,387 -> 122,212) and ratio (11.7% increased) of students with multicultural backgrounds increased
- Total number (82,733 -> 93,027) and ratio (12.4% increased) of students with multicultural backgrounds increase.

Source: 2018 Korean Education Statistics (MoE, August, 2018)

Multiculturalism in Korean Education(2)

- In 2018, Ratio of 'Students with multicultural backgrounds increased by 2.2 % in comparison to 1.9% in 2017
- In 2018, 80.4% 'students with multicultural backgrounds' are from internationally marriage couples (*born in Korea*)'
- In 2018, largest number of parents of 'students with multicultural backgrounds' are from Vietnam (35,568 persons, 29.1%).

(Unit : number of persons, %)

Countries	Number of Students with	Ration
Total	122,212	100.0
Vietnam	35,568	29.1
China (exclude Korean Chinese)	27,200	22.3
Philippines	14,093	11.5
China (Korean Chinese)	12,522	10.2
Japan	10,363	8.5
Others	22,466	18.4

주 1) Note) "Others " includes Thailand, Mongolia, Russia, US, USA, Taiwan, Indonesia, EU, Africa, Oceania, South Asia, central Asia

Ten Year Overview 2018-2017 (Pre-primary and Primary)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pre-primary education										
Number of pupils per teacher										
Pupil/teacher ratio	...	...	...	...	...	14.67	13.63	13.36	13.25	...
Primary education										
Gross intake ratio into the first grade of primary (%)										
Total	101.52	93.8	99.88	99.04	92.8	96.34	105.59	100.42	96.53	...
Female	101.56	93.7	100.48	99.68	93.24	96.58	105.88	100.42	96.39	...
Male	101.48	93.89	99.34	98.45	92.39	96.12	105.31	100.41	96.66	...
Survival to the last grade of primary (%)										
Total	98.83	99.28	99.04	99.23	99.56	99.35	99.46	99.4	...	...
Female	98.73	99.33	99.1	99.27	99.48	99.35	99.6	99.39	...	...
Male	98.91	99.24	98.98	99.18	99.63	99.36	99.33	99.4	...	...
Gross intake ratio into the last grade of primary (%)										
Total	100.02	101.55	101.13	103.1	109.54	102.21	94.26	98.88	96.12	...
Female	99.58	102.1	100.73	103.05	109.41	102.67	94.39	99.44	96.47	...
Male	100.42	101.04	101.48	103.15	109.67	101.8	94.15	98.37	95.8	...
Number of pupils per teacher										
Pupil/teacher ratio	24.07	22.38	20.92	19.05	17.88	16.85	16.5	16.55	16.31	...

Ten Year Overview 2018-2017 (Secondary & Tertiary)

Secondary education										
Primary to secondary transition rate (%)										
Total	99.99	...	99.98	...	99.8	99.69	99.64	99.65	...	...
Female	99.98	...	100	...	99.63	99.56	99.51	99.49	...	...
Male	100	...	99.97	...	99.95	99.8	99.76	99.8	...	...
Enrolment in technical and vocational education and training (TVET) as % of the total enrolment in secondary education										
Total	25.47	24.38	23.68	21.35	19.45	17.71	17.85	17.82	17.54	...
Female	24.62	23.54	22.88	20.31	18.11	16.13	16.06	15.82	15.32	...
Male	26.23	25.13	24.38	22.26	20.63	19.14	19.48	19.64	19.56	...
Number of pupils per teacher										
Pupil/teacher ratio	18.05	18.02	17.64	16.21	15.98	15.61	14.91	14.41	13.84	...
Tertiary education										
Gross graduation ratio. ISCED 6 and 7. First degrees (%)										
Total	48.37	50.9	...	53.23	50.39	47.7	46.03	47.8	49.42	...
Female	47.9	51.19	...	54.35	51.93	49.54	48.62	50.77	52.76	...
Male	48.8	50.64	...	52.25	49.05	46.09	43.76	45.19	46.45	...

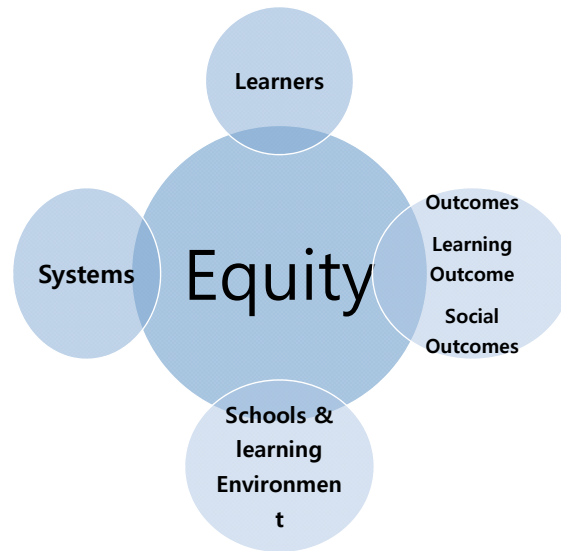
V. DISCUSSION & CONCLUSION

Korean Education : Competitiveness and Challenges



Korean Education

Access and Quality From the Equity Perspective



Korean Education

From the Equity Perspective



Thank you !

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