

The 1st Social Science and Humanities Forum between Japan and Russia

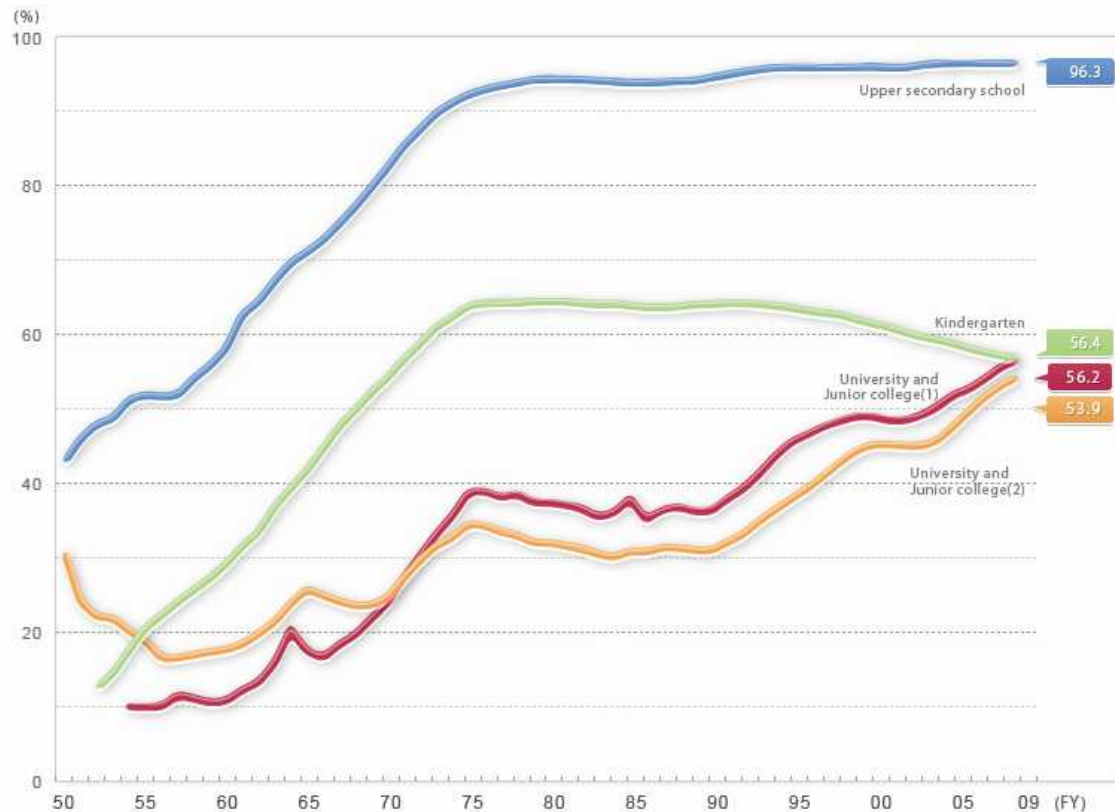
9 Dec., 2011

HOW WE CAN PULL UP THE EDUCATIONAL POTENTIALS AT THE UNIVERSITY ?

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Enrollment and Advancement Rate in Japan 1950-2009

Enrollment and Advancement Rate



(1) New entrants to university and junior college, as a percentage of the 18-year old age cohort.

(2) New graduates from upper secondary school who advanced to university and junior college upon graduation, as a percentage of the total upper secondary school graduates for each year. Figures include new graduates of upper division of secondary schools.

Enrollment Rate to College in Japan 1950-2009

Enrollment and Advancement Rate (2/3)

(unit : %)

FY	University & Junior college(3)						Specialized training college		
				University & Junior college(4)					
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1950	...	...	...	30.3	34.6	17.2	...	...	...
1960	...	...	...	17.2	19.7	14.2	...	...	...
1970	...	...	...	24.2	25.0	23.5	...	...	...
1980	...	...	...	31.9	30.3	33.5	8.6	6.6	10.5
1990	30.6	23.8	37.3	30.5	23.8	37.2	15.8	14.9	16.7
1995	37.6	29.7	45.4	37.5	29.6	45.4	16.7	16.0	17.4
2000	45.1	42.6	47.6	45.1	42.6	47.6	17.2	15.0	19.3
2005	47.3	45.9	48.7	47.2	45.9	48.6	19.0	16.1	22.0
2006	49.4	48.1	50.6	49.3	48.1	50.6	18.2	15.1	21.4
2007	51.2	50.0	52.5	51.2	49.9	52.4	16.8	13.5	20.2
2008	52.9	51.4	54.4	52.8	51.4	54.3	15.3	12.0	18.8
2009	53.9	52.3	55.6	53.9	52.3	55.5	14.7	11.3	18.1

(3) New graduates from upper secondary school who advanced to university and junior college upon graduation, as a percentage of the total upper secondary school graduates for each year. Figures include new graduates of upper division of secondary schools.

(4) Excluding those advancing to correspondence courses of universities and junior colleges.

Number of Higher Education Institutions in Japan 1950-2009

Number of Schools (2/2)

(unit : school)

FY	School for the other disabled	Schools for special needs education	College of technology	Junior college(2)	University(1)	Specialized training college	Miscellaneous school
1950	3	...	...	149	201	...	4,190
1960	46	...	...	280	245	...	8,089
1970	234	...	60	479	382	...	8,011
1980	677	...	62	517	446	2,520	5,302
1990	769	...	62	593	507	3,300	3,436
1995	790	...	62	596	565	3,476	2,821
2000	814	...	62	572	649	3,551	2,278
2005	825	...	63	488	726	3,439	1,830
2006	831	...	64	468	744	3,441	1,729
2007	...	1,013	64	434	756	3,435	1,654
2008	...	1,026	64	417	765	3,401	1,585
2009	...	1,030	64	406	773	3,348	1,533
(National)	...	45	55	2	86	11	-
(Local)	...	971	6	26	92	204	10
(Private)	...	14	3	378	595	3,133	1,523

(1) Not including 6 universities providing correspondence courses only (University of the Air and 5 private university).

(2) Not including 1 junior college providing correspondence course only (1 private junior college).

Source: MEXT, School Basic Survey

Rate of the Enrollment to College in some countries with high indicator

- FINLAND 85%
 - SOUTH KOREA 82%
 - USA 81%
 - SWEDEN 76%
 - NEW ZEALAND 72%
 - RUSSIA & NORWAY 70%
 - AUSTRALIA 65%
 - LATVIA 64%
 - BELARUS 62%
 - GREECE & SLOVENIA 61%
 - ESTONIA 60%
 - CANADA, DENMARK, UK, SPAIN 59%
 - (Cf. : Average in the World 26%)
 - JAPAN 49%
- (Source : Statistics of UNESCO, 2000-2002)

Number of Students of H.E.I. in Japan

Students (2/2)

(unit : person)

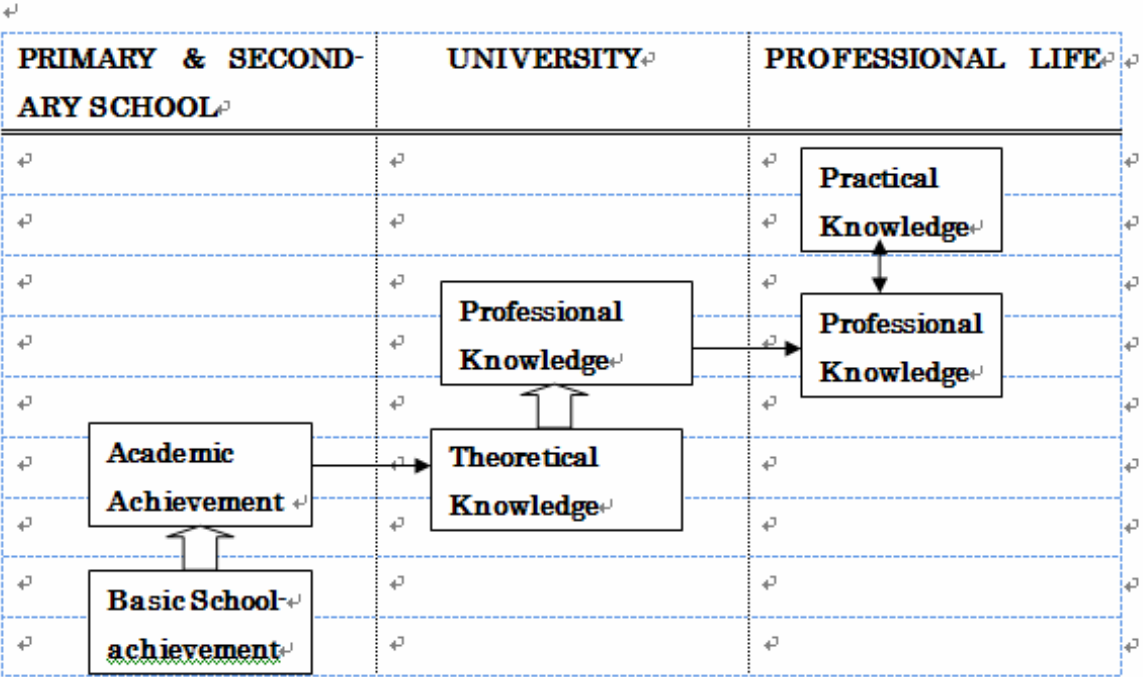
FY	School for the other disabled	Schools for special needs education	College of technology	Junior college	University	Specialized training college	Miscellaneous school
1950	110	...	...	15,098	224,923	...	486,609
1960	4,794	...	...	83,457	626,421	...	1,239,621
1970	24,700	...	44,314	263,219	1,406,521	...	1,352,686
1980	72,122	...	46,348	371,124	1,835,312	432,914	724,401
1990	79,729	...	52,930	479,389	2,133,362	791,431	425,341
1995	74,966	...	56,234	498,516	2,546,649	813,347	321,105
2000	79,197	...	56,714	327,680	2,740,023	750,824	222,961
2005	91,164	...	59,160	219,355	2,865,051	783,783	163,667
2006	94,360	...	59,380	202,254	2,859,212	750,208	149,934
2007	...	108,173	59,386	186,667	2,828,708	703,490	147,261
2008	...	112,334	59,446	172,726	2,836,127	657,502	137,269
2009	...	117,035	59,386	160,976	2,845,908	624,875	134,981
(male)	...	75,984	50,080	17,478	1,687,518	283,441	66,984
(female)	...	41,051	9,306	143,498	1,158,390	341,434	67,997
(National)	...	3,070	53,355	3	621,800	679	-
(Local)	...	113,155	4,028	9,973	136,913	26,845	941
(private)	...	810	2,003	151,000	2,087,195	597,351	134,040

(1) Not including students of correspondence courses

Source:MEXT,School Basic Survey

UNIVERSITY-PROFESSION LINK

UNIVERSITY—PROFESSION LINK : CLASSIC MODEL (SCHEME -1)

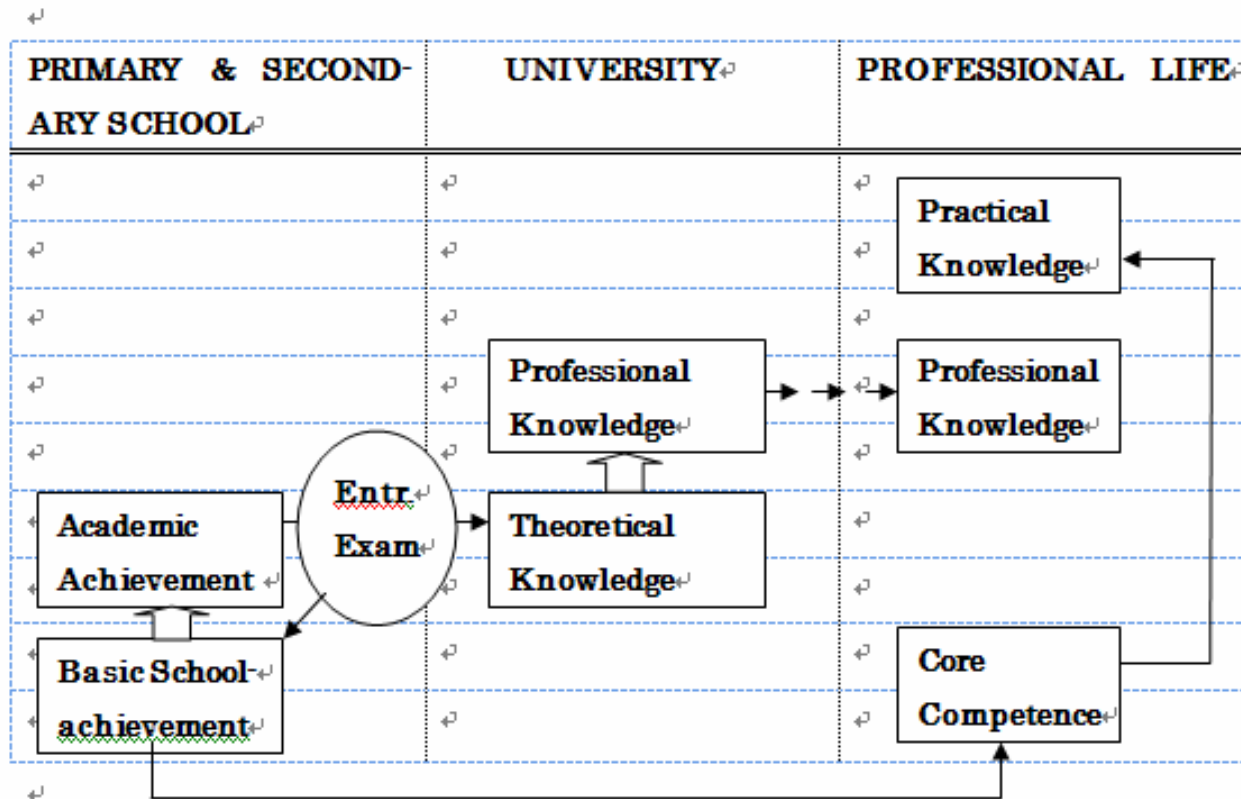


Schemes are translated into Eng. by S.Tokoro from the book: Kaneko.M., "Educational Potentials of the Universities" (in Japanese), Tokyo: Chikuma-Shobo-Press, 2007, p.133.

UNIVERSITY-PROFESSION LINK

<J - MODE> : UNIVERSITY-PROFESSION LINK

(SCHEME -2)

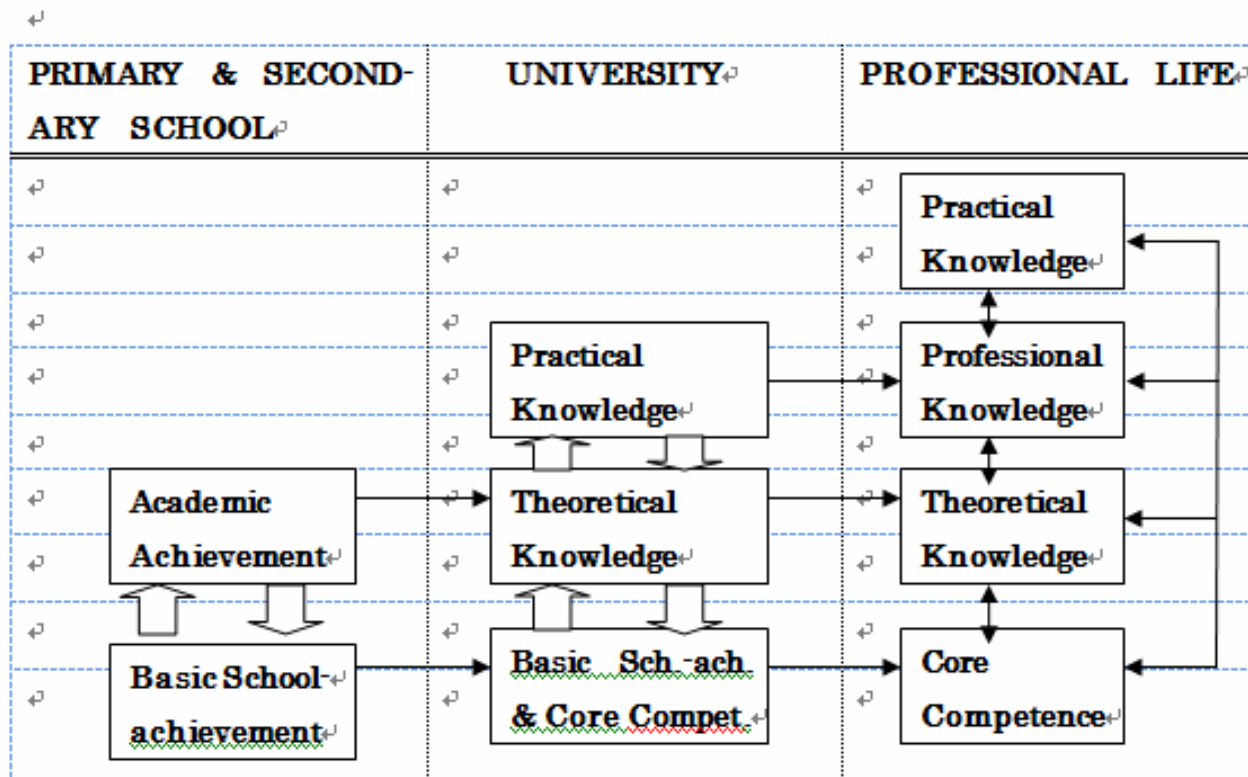


Translated by S. Tokoro from Kaneko M. 2007. p.136

UNIVERSITY-PROFESSION LINK

COMPLEX MODEL : ON-GOING PROCESS

(SCHEME -3)



Translated by S. Tokoro from Kaneko, M. 2007, p.144

JAPANESE PROFESSORS DON'T LIKE EDUCATION FOR STUDENTS

ANSWER TO THE QUESTION : WHICH ARE YOU MORE INTERESTED IN EDUCATION OR RESEARCH?
(From the Carnegie's International Survey) (By percent)

	(N)	EDUCATION RESEARCH		SEX	
				MALE	FEMALE
RUSSIA	(414)	67.9	32.1	61.1	86.0
CHILI	(1022)	66.7	33.3	64.2	71.4
MEXCO	(984)	65.2	34.8	66.6	61.8
BRASIL	(960)	62.0	38.0	61.8	62.2
USA	(3358)	49.2	50.8	46.3	57.2
AUSTRALIA	(1309)	48.0	52.0	43.7	56.8
HONG KONG	(458)	45.9	54.2	40.8	59.2
UK	(1867)	44.4	55.6	43.8	56.2
SOUTH KOREA	(884)	44.3	55.7	43.9	47.8
ISRAEL	(482)	38.4	61.6	29.7	62.3
GERMANY	(2758)	34.2	65.8	33.5	38.4
SWEDEN	(1058)	33.1	66.9	31.4	38.2
JAPAN	(1797)	27.6	72.5	25.9	47.1
HOLAND	(1305)	24.8	75.3	25.4	22.6
(TOTAL)	(18656)	44.0	56.0	40.8	54.0

Note : Figure in the "SEX" means the ratio of answer: EDUCATION.

Source : First Report of the International Survey of Professoriate by Carnegie Foundation, 1994.

From the Japanese edition by A. Arimoto, Tokyo, 1996, of the book: Ernest L. Boyer, *Scholarship Reconsidered: Priorities of the professoriate*. Princeton, N.J., Carnegie Foundation for the Advancement of Teaching, 1990.