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# **Occupational Structure's Change in Colonial Korea, 1930-40**

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# Introduction

- Highest Economic Growth Period in Colonial Korea, 1930-40
  - Mizoguchi, eds. 1988
  - Kim, ed. 2006
- Puzzle
  - The gainful occupied populations reduced during 1930s

# Occupational Structure's Change during Industrialization, 1930-40:

## Economic Growth without Employment Growth?

Table 1 Occupational Structure's Change of Colonial Korea in Comparison with Japan (100persons, %)

	Korea								Japan			
	Total by Industry		Total by Occupation		Males		Females		Males		Females	
	1930	1940	1930	1940	1930	1940	1930	1940	1930	1940	1930	1940
Manager/Office /Engineer						2,431		634		20,642		4,833
Agriculture/ Forestry/Fishery	77,863	68,207	77,872	67,520	51,434	46,536	26,438	20,984	82,441	70,788	64,425	72,875
Mining	342	1,765	341	1,018	334	972	7	46	2,101	3,257	410	421
Manufacturing	5,858	4,950	5,857	4,322	3,040	3,773	2,817	550	42,692	53,360	14,303	18,295
Commerce	5,621	6,009	5,621	4,597	3,451	3,080	2,170	1,517	30,140	19,646	14,642	14,787
Transport	1,075	1,522	1,076	1,501	1,050	1,451	26	50	10,286	10,145	790	1,099
Public service/ Liberal profession	1,827	2,393	1,827	2,393	1,430	1,422	190	175	14,490	9,233	3,524	4,798
House-maid	1,209	1,728	1,209	1,728	290	402	919	1,281	842	367	6,971	6,685
Others	3,861	5,393	3,861	5,393	3,194	5,789	667	870	4,883	9,858	827	3,736
Total of Gainful Occupied Population	97,655	91,965	97,457	91,963	64,223	65,856	33,234	26,107	187,875	197,296	105,892	127,529
Total of Non-gainful Occupied Population	112,918	150,583	112,929	150,583	43,207	56,275	69,722	94,308	133,619	151,446	214,704	237,927
Servicemen/ Civilian Employees			206		206				2,428	16,918		27
Total	210,573	242,548	210,592	242,546	107,636	122,131	102,956	120,415	323,922	365,660	320,596	365,483
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Chosenotokufu, *Kokuseichosa 1930*; Chosenotokufu, *Kokuseichosa 1940*; Naikakutokeikyoku, *Kokuseichosa 1930*; Naikakutokeikyoku, *Kokuseichosa 1940*.

# What was the reason of reduce in female gainful occupied populations?

Table 2 Secondary Workers of Colonial Korea in Comparison with Taiwan (1930, 100persons, %)

	Korea		Taiwan	
	Males	Females	Males	Females
Total Population	107,430	102,956	23,533	22,392
Gainful Occupied Population	64,223	33,234	13,715	4,186
Principal Occupations	57,018	28,554	13,715	4,186
Subsidiary Occupations	7,205	4,680	1,383	1,366
Having Principal Occupation	7,189	4,283	1,367	309
(Ratio against Total Population)	6.69	4.16	5.81	1.38
Without Principal Occupation	16	397	16	1,057
(Ratio against Total Population)	0.01	0.39	0.07	4.72
Non-gainful Occupation Populations	43,207	69,722	9,818	18,207

Source: Chosensotokufu, *Kokuseichosa 1930*; Liu, I-Ling, Osamu Saito and Tadayoshi Taniguchi (1994).

## *Two choices*

1. Analysis of female non-gainful occupations
2. Investigation the reason of reduce in female gainful occupied populations in detail

# Structure's Change of Non-gainful Occupied Populations

Table 3 Detailed Structure's Change of Non-gainful Occupied Populations in Colonial Korea (100persons, %)

		1930	1940	Number of Increase	Rate of Increase	Contribution rate of Increase
Students	Males	6,417	10,910	4,494	70.0	35.2
	Females	1,329	3,943	2,614	196.7	11.0
	Total of Korean	7,746	14,853	7,108	91.8	19.4
	Males	438	636	198	45.2	118.7
	Females	380	569	189	49.7	21.3
	Total of Japanese	818	1,205	387	47.3	36.7
	Males	6,855	11,546	4,692	68.4	36.3
	Females	1,709	4,512	2,803	164.0	11.3
	<b>Total</b>	8,564	16,058	7,495	87.5	19.9
	Males	34,989	43,321	8,332	23.8	65.3
Females	65,713	87,209	21,496	32.7	90.2	
Families	Total of Korean	100,702	130,531	29,829	29.6	81.5
	Males	569	754	184	32.4	110.5
	Females	1,524	2,242	718	47.1	81.0
	Total of Japanese	2,093	2,996	903	43.1	85.7
	Males	35,559	44,075	8,517	24.0	65.9
	Females	67,237	89,452	22,215	33.0	89.9
	<b>Total</b>	102,796	133,527	30,732	29.9	81.6
	Males	42,094	54,856	12,762	30.3	100.0
	Females	67,653	91,480	23,827	35.2	100.0
	Total of Korean	109,747	146,336	36,589	33.3	100.0
<b>Total</b>	Males	1,252	1,419	167	13.3	100.0
	Females	1,941	2,828	887	45.7	100.0
	Total of Japanese	3,193	4,246	1,054	33.0	100.0
	Males	43,346	56,275	12,929	29.8	100.0
	Females	69,593	94,308	24,714	35.5	100.0
	<b>Total</b>	112,940	150,583	37,643	33.3	100.0

Source: Chosensotokufu, *Kokuseichosa 1930*; Chosensotokufu, *Kokuseichosa 1940*.

Table 4 Age group Structure's Change by Occupation in Colonial Korea (100persons, %)

	Agriculture/ Forestry/ Fishery		Mining		Manufacturing		Commerce		Transport		Public service/ Liberal profession		House- maid		Others		Non-gainful occupied populations		Contribution rate of Increase
	1930	1940	1930	1940	1930	1940	1930	1940	1930	1940	1930	1940	1930	1940	1930	1940	1930	1940	
0-14	7.1	3.4	1.2	2.5	3.2	2.7	2.5	2.8	0.8	1.6	0.4	1.7	47.6	36.7	2.3	1.8	89.4	87.6	81.7
15-19	14.8	13.1	9.1	15.3	11.4	17.6	12.0	13.5	10.7	19.3	3.7	10.9	26.3	28.2	10.0	9.9	4.5	5.3	7.9
20-24	13.2	12.5	14.8	17.8	15.0	18.8	12.3	12.5	19.6	20.0	26.6	18.5	8.1	9.2	11.8	12.1	1.0	1.1	1.4
25-29	10.5	11.8	14.6	17.8	14.2	17.6	11.6	14.1	18.0	18.5	19.0	20.6	3.3	5.4	12.1	13.7	0.4	0.5	1.0
30-34	10.7	10.4	16.0	14.1	13.9	13.2	12.6	12.7	15.9	13.7	15.8	17.4	3.0	3.4	13.9	12.9	0.3	0.3	0.3
35-39	9.4	9.0	14.4	10.3	12.1	9.4	11.9	10.8	12.4	9.6	10.8	11.2	2.4	2.7	13.4	11.2	0.3	0.2	0.2
40-44	8.4	9.5	11.8	9.0	9.9	7.8	10.8	10.0	9.2	7.2	8.0	7.6	2.1	2.8	11.7	11.3	0.2	0.2	0.2
45-49	7.2	8.3	8.5	6.1	7.5	5.3	8.8	7.9	6.5	4.6	5.3	4.7	1.8	2.8	9.1	9.5	0.2	0.2	0.3
50-54	6.0	7.4	5.0	3.8	5.1	3.7	6.7	6.3	3.7	2.9	3.6	3.2	1.5	2.7	6.6	7.4	0.3	0.3	0.5
55-59	4.9	5.9	2.7	2.1	3.3	2.1	4.8	4.4	1.9	1.5	2.6	1.9	1.3	2.4	4.3	5.0	0.4	0.5	0.9
60-64	3.6	4.3	1.3	0.9	2.1	1.1	3.1	2.7	0.9	0.7	1.9	1.1	1.2	1.7	2.7	2.9	0.6	0.7	1.3
65-69	2.4	2.6	0.4	0.3	1.3	0.5	1.8	1.4	0.3	0.2	1.3	0.6	0.8	1.0	1.3	1.4	0.7	0.9	1.5
70-	1.9	1.8	0.2	0.1	1.1	0.2	1.2	0.9	0.2	0.1	1.1	0.5	0.6	1.0	0.8	0.8	1.7	2.0	2.8
Total	51,435	46,733	334	1,702	3,041	4,392	3,451	4,319	1,049	1,462	1,636	2,156	290	370	3,194	4,725	43,206	56,275	13,069
0-14	6.0	3.5	3.0	10.0	11.3	20.5	2.7	2.4	6.6	15.5	2.0	4.3	52.3	52.2	1.7	1.4	54.9	50.7	38.6
15-19	13.9	13.0	8.5	17.0	17.6	41.3	8.7	15.0	53.2	57.8	13.7	31.1	15.9	19.5	7.0	5.7	8.0	8.3	9.2
20-24	14.0	13.1	9.4	11.3	13.2	9.1	10.3	11.6	19.7	13.4	17.2	19.1	6.1	6.2	10.3	8.5	6.2	6.7	8.4
25-29	11.9	13.1	10.7	12.0	10.3	6.8	10.8	10.8	4.8	4.6	9.3	11.4	4.0	4.1	11.7	11.3	4.7	6.1	10.2
30-34	12.3	12.0	17.3	12.9	10.2	5.9	13.4	12.0	4.4	2.6	8.2	8.4	3.4	2.9	14.7	13.2	4.3	4.9	6.5
35-39	10.4	10.2	16.1	11.1	9.2	4.9	13.2	11.6	3.4	1.7	7.8	6.0	3.4	2.4	14.2	12.9	3.6	3.9	4.5
40-44	9.1	10.4	12.0	10.8	8.0	4.3	12.0	11.6	3.1	1.7	8.6	4.8	3.2	2.5	12.2	13.6	3.2	3.7	5.3
45-49	7.5	8.5	10.1	7.8	6.6	3.1	10.0	9.4	2.3	1.4	8.2	4.0	3.0	2.7	9.0	11.3	2.7	3.2	4.5
50-54	5.8	6.9	7.3	4.3	5.1	2.1	7.7	7.1	1.2	0.7	7.2	3.6	2.7	2.5	6.7	8.6	2.5	3.0	4.3
55-59	4.2	4.7	3.1	1.6	3.7	1.1	5.2	4.3	0.6	0.4	5.9	2.8	2.3	2.1	4.9	5.8	2.4	2.6	3.3
60-64	2.6	2.7	1.0	0.8	2.4	0.6	3.3	2.4	0.3	0.2	4.9	1.9	1.7	1.4	3.5	3.8	2.3	2.3	2.3
65-69	1.5	1.3	1.0	0.2	1.4	0.3	1.7	1.1	0.2	0.0	3.5	1.2	1.1	0.9	2.4	2.2	2.1	1.9	1.2
70-	0.9	0.7	0.3	0.1	0.9	0.2	1.0	0.6	0.2	0.0	3.4	1.3	0.9	0.7	1.6	1.7	3.0	2.6	1.7
Total	26,428	21,473	8	63	2,817	558	2,170	1,690	26	60	190	237	919	1,358	667	668	69,722	94,308	24,586

Source: Chosensotokufu, *Kokuseichosa 1930*; Chosensotokufu, *Kokuseichosa 1940*.

# Occupational Structure's Change in Manufacturing

Table 5 Occupational Structure's Change in Manufacturing and Construction in Comparison with Japan (100 persons, %)

	Males		Females		Males		Females	
	1930	1940	1930	1940	1930	1940	1930	1940
Textile/Clothing/ Accessories	451 14.8	303 8.0	2,092 74.3	381 69.4	7,521 17.6	5,752 10.8	11,067 77.4	10,935 59.8
Metal manufactures/ Instruments	371 12.2	774 20.5	6 0.2	8 1.4	7,409 17.4	18,134 34.0	224 1.6	1,177 6.4
Ceramics	165 5.4	146 3.9	24 0.9	9 1.7	1,412 3.3	1,266 2.4	282 2.0	395 2.2
Chemical goods	111 3.7	248 6.6	32 1.1	35 6.4	1,023 2.4	2,480 4.6	253 1.8	918 5.0
Wooden goods	475 15.6	369 9.8	518 18.4	18 3.2	6,360 14.9	5,445 10.2	673 4.7	873 4.8
Papers/Paper manufactures	129 4.2	137 3.6	9 0.3	6 1.1	2,276 5.3	1,875 3.5	376 2.6	536 2.9
Beverages/Favorite goods	352 11.6	323 8.6	130 4.6	78 14.1	3,605 8.4	4,970 9.3	1,081 7.6	2,562 14.0
Civil engineering & Construction	847 27.9	1,179 31.3	2 0.1	6 1.1	9,966 23.3	9,484 17.8	35 0.2	113 0.6
Others	139 4.6	293 7.8	4 0.1	9 1.6	3,120 7.3	3,952 7.4	312 2.2	785 4.3
Total	3,040 100.0	3,773 100.0	2,817 100.0	550 100.0	42,692 100.0	53,360 100.0	14,303 100.0	18,295 100.0

Source: Chosensotokufu, *Kokuseichosa 1930*; Chosensotokufu, *Kokuseichosa 1940*;

Naikakutokeikyoku, *Kokuseichosa 1930*; Naikakutokeikyoku, *Kokuseichosa 1940*.

Table 6 Number of Worker's Change in Factories and Households (100persons, %)

	1930		1940	
	Factory	Household	Factory	Household
Textile/Clothing/ Accessories	212 8.3	2,331 91.7	516 75.4	169 24.6
Metal manufactures/ Instruments	103 27.3	274 72.7	581 74.3	201 25.7
Ceramics	66 34.9	123 65.1	175 112.7	(20) (12.7)
Chemical goods	180 125.9	(37) (25.9)	866 305.1	(582) (205.1)
Wooden goods	37 3.7	956 96.3	155 40.1	231 59.9
Papers/Paper manufactures	55 39.9	83 60.1	88 61.6	55 38.4
Beverages/ Favorite goods	120 24.9	362 75.1	418 104.4	(18) (4.4)
Ohters	63 44.1	80 55.9	241 79.9	61 20.1
Total	836 16.7	4,172 83.3	3,040 96.9	97 3.1

Source: Chosensotokufu, *Kokuseichosa 1930*; Chosensotokufu, *Kokuseichosa 1940*; Park, Ki-Joo (2006).



# Conclusion

- **Clue to solve the puzzle**

- The number of female gainful occupied populations dramatically reduced from 1930 to 1940
- Clue from the female subsidiary occupations that have principal occupations differently in case of Taiwan
- Analyzed the change in non-gainful occupied populations and in household workers

- **Concluding Remarks**

- The number of female non-gainful occupied population in product able age group reduced rather than in other age group during female household workers dramatically decreased from 1930 to 1940
- Need to examine concerning the actual conditions of household workers in order to solve the puzzle