

Working Children in Indonesia: The Results of the 2009 Indonesia Child Labour Survey (ICLS)

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Presentation Outline

1. Background
2. Objectives
3. Methodology:
 - ICLS as a subset of Sakernas,
 - Sampling Design,
 - Estimation Method,
 - Questionnaire and Manuals,
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 - Components of child labour
4. Results: Some Examples

Background

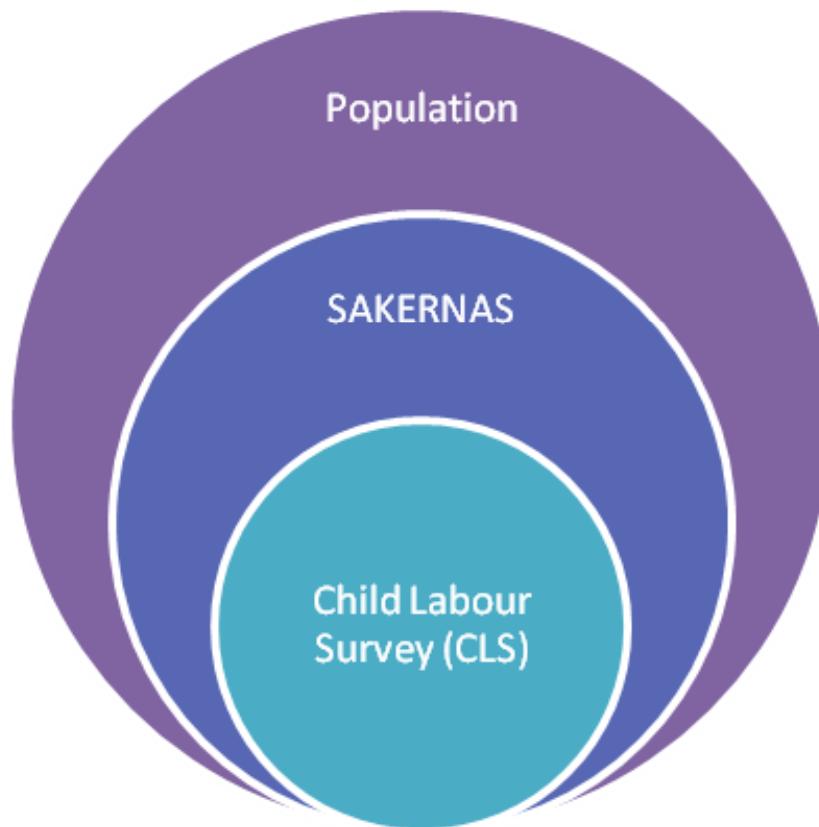
1. Working children, especially child labour, are of global concern
2. Working children aged 5-17 in Indonesia is a reality, but statistically is not 'visible':
 - *Sakernas* does not collect data on working children aged below 10.
 - The number of questions in *Sakernas* is too few to provide appropriate information on socio-economic characteristics of child labour.

Objectives

Two major objectives of ICLS:

- to estimate the prevalence of working children (including child labour) in Indonesia, and
- to collect information on socio-economic characteristics of working children in the country.

Methodology: ICLS as a subset of Sakernas



Methodology:

Sampling Design

- The sampling frame was derived from the results of the listing of 2008 Sakernas.
- Based on the frame, 248 districts were selected by PPS (with the number of working children as size).
- Based on the selected district, 760 census blocks (CBs) were selected by PPS.

Methodology: Sampling Design (Cont'd)

- In 2009, household listing in the selected 760 CBs was updated and based on the updated listing, 16 households in each selected CBs were selected by systematic sampling for the ICLS.
- In total about 1200 households were selected and interviewed by the ICLS questionnaire

Methodology: Estimations

$$\hat{Y}_{\text{CL509}} = \text{Adj}W \sum_{i=1}^{n_{LPS}} \frac{M_i}{n_{LPS} M_i} \sum_{j=1}^{248} \frac{X_{ij}}{248 X_{ij}} \sum_{k=1}^{n_{CLS}} \frac{H_k}{n_{CLS} H_{ijk}} \frac{H_{ijk}}{n_{ijk}} Y_{ijk}$$

Methodology:

Questionnaire and Manuals

- ICLS Questionnaire: “Essential Questions on Child Labour for Household Survey” (dated: 17/07/08), with minor adjustment.
- ICLS Manual: “National Child Labour Survey: Interviewer’s Manual” (dated: 30/9/08), with minor adjustment.
- Sources:
<http://www.ilo.org/ipecinfo/product/viewProduct.do?productId=5014> and
<http://www.ilo.org/ipecinfo/product/viewProduct.do?productId=9610>

Methodology: Basic Concepts

1. Children: Aged 5-17
2. Working children: children who engaged in any activity falling within the production boundary in the SNA for at least one hour during the reference period.
3. Idle children: Children who did not engaged in any activity of employment, schooling or housekeeping.

Methodology: Basic Concepts (Cont'd)

4. Child labour: working children who engaged in any kind of presumably hazardous works as indicated by working hour:
- child labour is part of working children and this is consistent with the resolution, and
 - working hour is used as a proxy indicator of hazardous work.

Methodology:

Components of Child Labour

All working children aged 5-12.	This definition is consistent with the regulation that specifying minimum age for working is 13 years old.
Working children aged 13-14 worked >15 hours per week.	The regulation allows children at this age group engaging in light work; here working hour less than 15 hours per week is used as an indication of light work.
Working children aged 15-17 worked > 40 hours per week.	The regulation defined age 15 as minimum age for general work. However, for children there is special regulation dedicated to protect children in hazardous and worst form works. Here, 40 hours per week is used as proxy indicator for hazardous work. However, the worst forms of child labour is admittedly difficult to measure even by using a proxy measure.

Results:

Some Examples

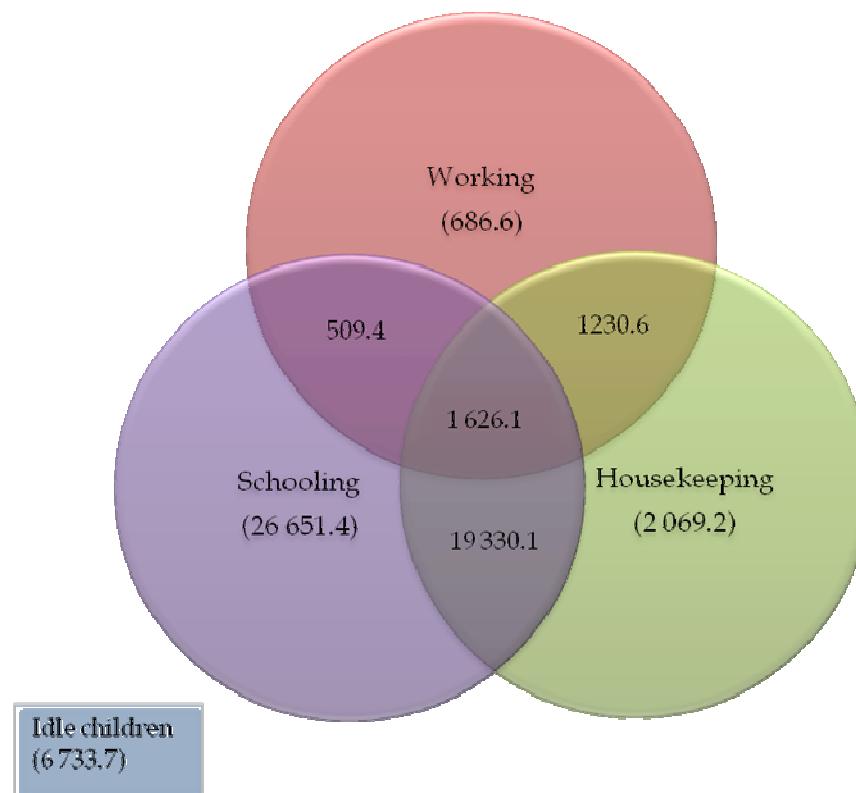
Table 4.1 Children Aged 5-17 by Type of Activity and Sex (000)
Indonesia, August 2009

Type of Activity	Male	Female	Total
Children in Economic Activities	2,612.6	1,915.8	4,528.4
Children in Employment	2,391.3	1,661.5	4,052.8
Seeking Work	221.4	254.2	475.6
Children not in Economic Activities	27,517.7	26,791.1	54,308.9
Total	30,130.3	28,706.9	58,837.2
In Employment only	585.0	101.6	686.6
In Employment and schooling	1,147.4	988.1	2,135.5
In Employment and housekeeping	1,433.1	1,423.6	2,856.8
In Employment, schooling and housekeeping	774.3	851.8	1,626.1
Schooling only	16,159.9	10,491.5	26,651.4
Schooling and housekeeping	7,941.4	13,014.8	20,956.2
Housekeeping only	651.6	1,417.6	2,069.2
IDLE children (residual)	3,760.5	2,973.2	6,733.7
Children in Employment			
A. Standard (Sakernas Standard)	2,391.3	1,661.5	4,052.8
B. Refined*	2,496.5	1,788.2	4,284.8
C. Extended**	3,237.8	2,432.3	5,670.2

*) A plus children not in employment (by sakernas standard) but doing economic activities

**) B plus children neither in employment nor doing economic activities but engaged in chores which obvious economic benefit

Graph 4.1a: Children Aged 5-17 by Type of Activity (in thousand),
Indonesia, 2009



Graph 4.1 Age-Distribution of Working Children (in Thousand)
Indonesia, 2009

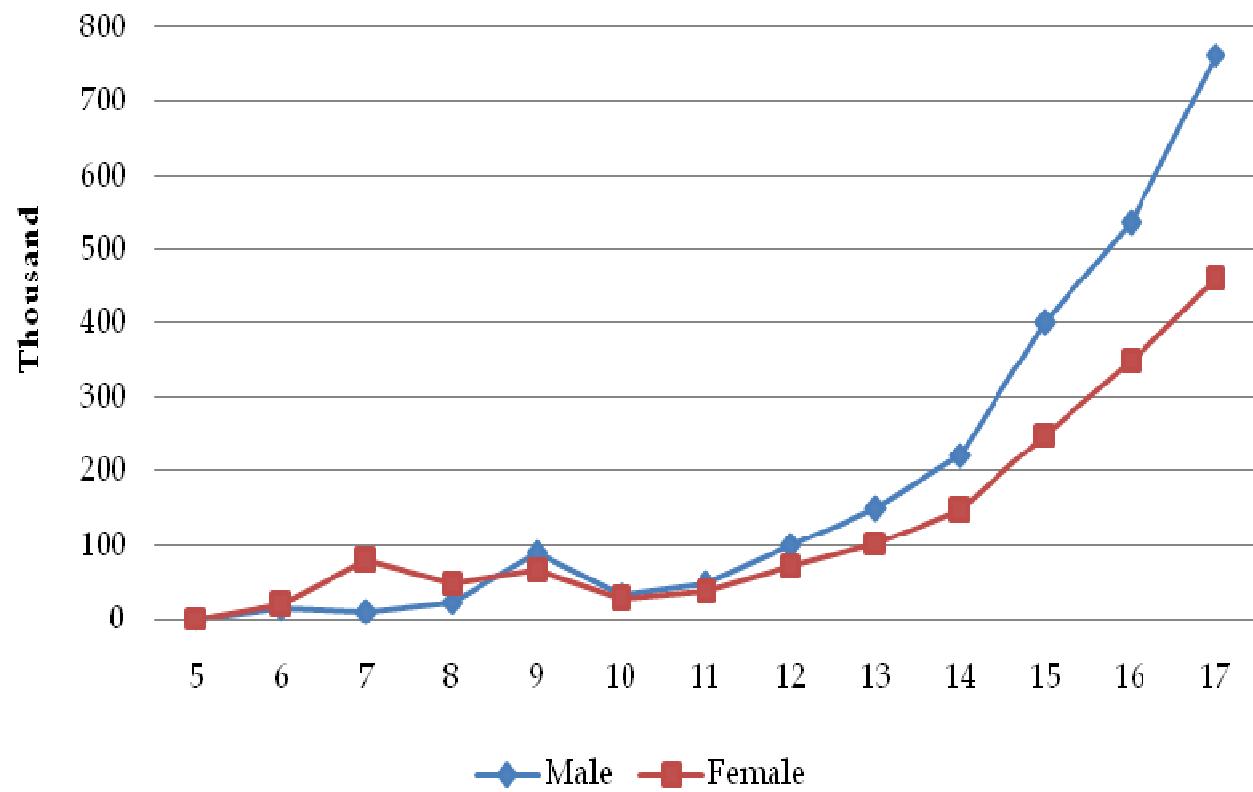


Table 4.2 Proportion of Working Children Who are Schooling by Age Group and Sex, Indonesia, 2009

Age Group	Male	Female	Both Sex
5 - 12	90.3	90.7	90.5
13 - 14	72.2	81.1	75.7
15 - 17	34.8	43.9	38.3
5-17	48.0	59.5	52.7

Table 4.3 Working Children by Age Group, Total Working Hours and Sex
Indonesia, 2009

Age Group	Working Hours				Total
	0 - 15	16 - 30	31 - 40	> 40	
In thousand					
5 - 12	451.7	183.6	10.9	28.0	674.3
13 - 14	297.9	233.8	35.9	51.5	619.1
15 - 17	811.2	834.0	354.3	759.8	2 759.4
5 - 17	1 560.8	1 251.4	401.1	839.4	4 052.8
In percent					
5 - 12	67.0	27.2	1.6	4.2	100.0
13 - 14	48.1	37.8	5.8	8.3	100.0
15 - 17	29.4	30.2	12.8	27.5	100.0
5 - 17	38.5	30.9	9.9	20.7	100.0

Table 4.4 Percentage of Working Children by Status of Schooling and Working Hour
Indonesia, 2009

Schooling Status	Working hour				<u>Total</u>	
	0 - 15	16 - 30	31 - 40	> 40	%	000
Not in Schooling Anymore	15.9	27.3	17.1	39.7	100.0	1 917.2
Schooling:						
Primary School	70.8	23.1	1.7	4.4	100.0	607.1
Junior High School	51.7	40.3	4.2	3.8	100.0	788.4
Senior High School	56.6	36.6	4.0	2.8	100.0	740.0
Total	38.5	30.9	9.9	20.7	100.0	4 052.8

Graph 4.2: Percentage Working Children by Working Hours and Sex, Indonesia, 2009

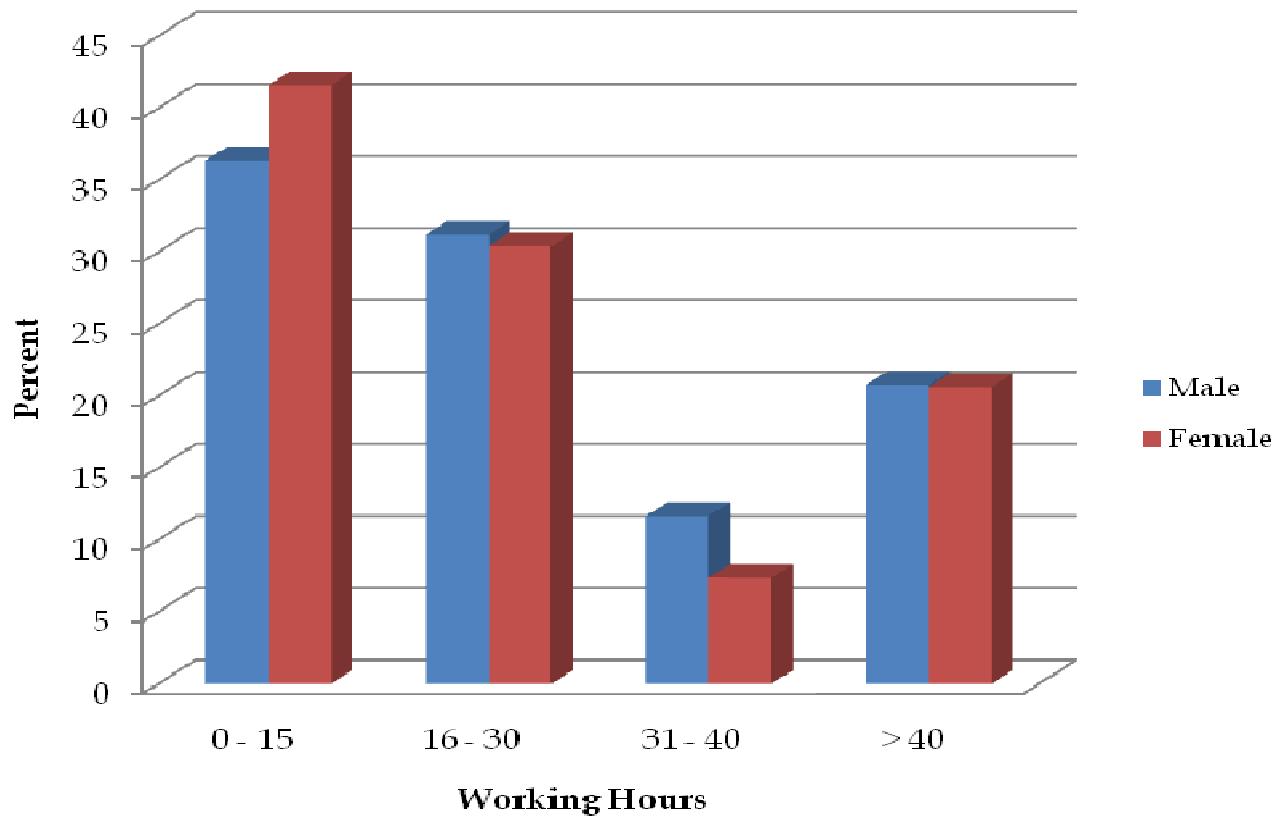
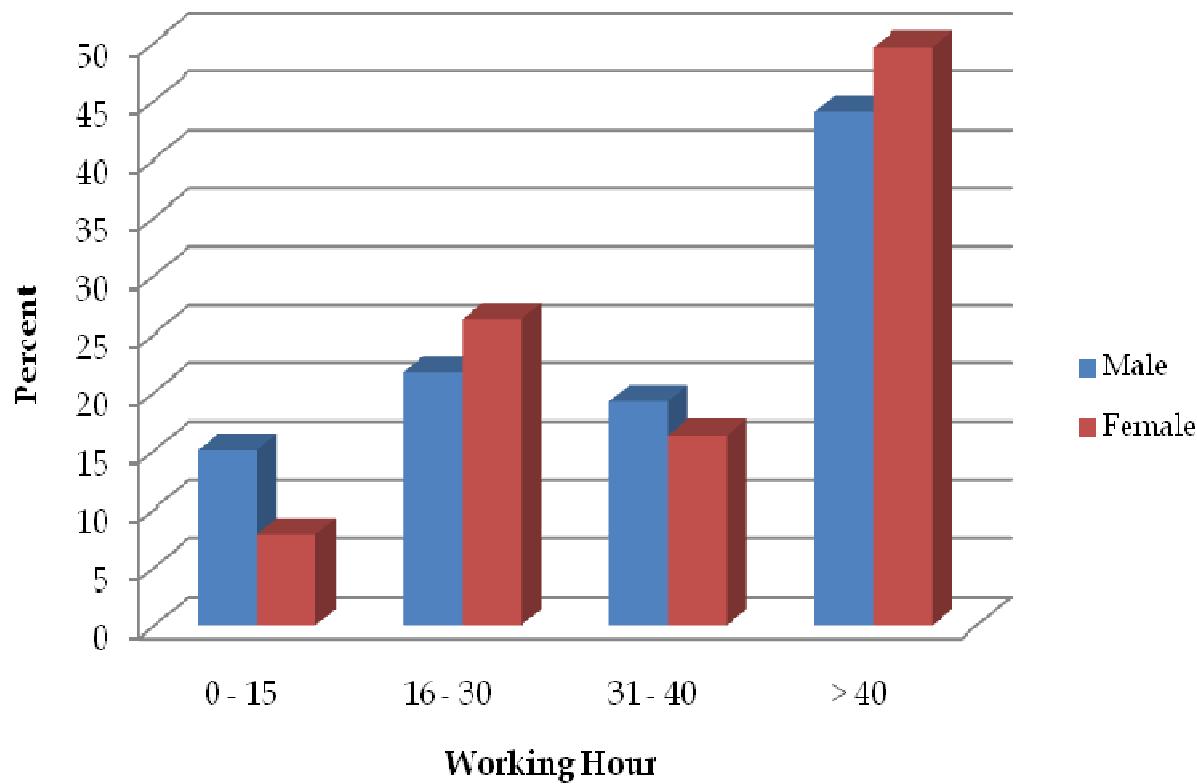


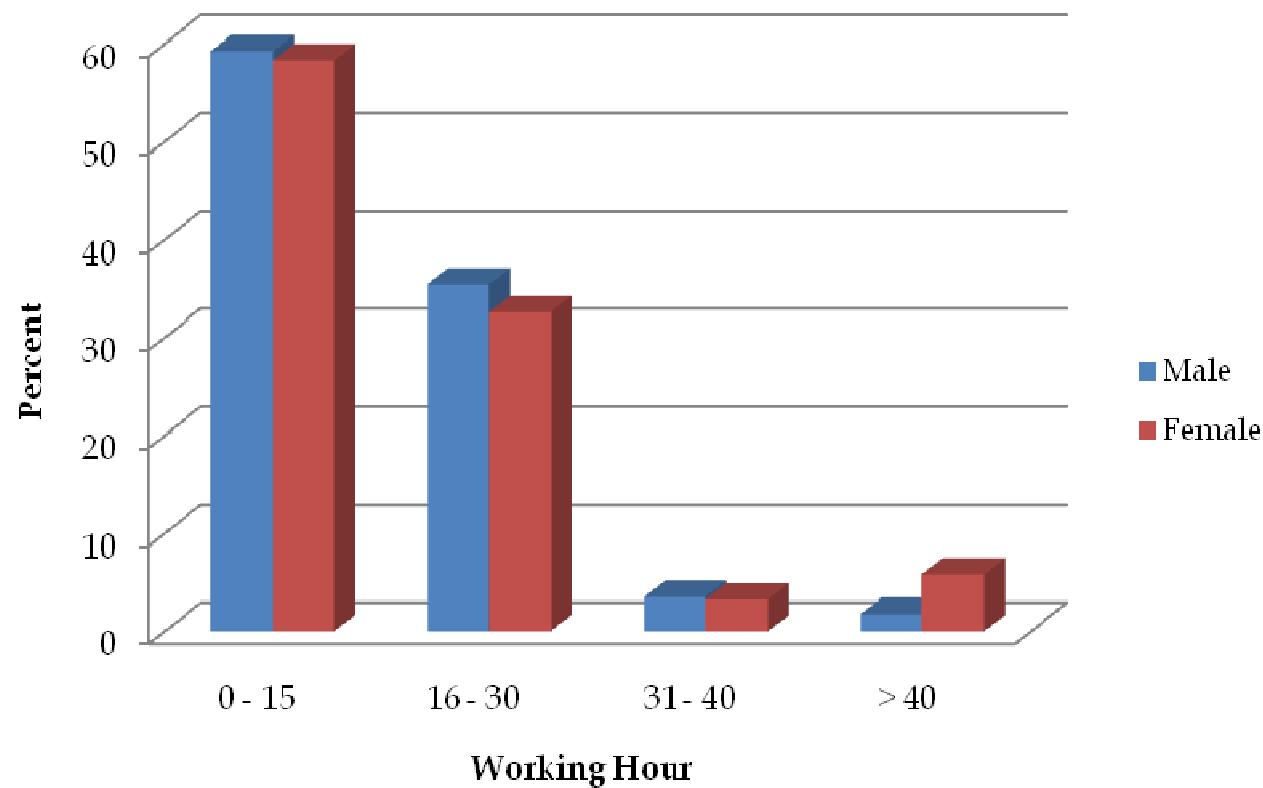
Table 4.5 Percentage of Working Children by Type of Activity, Age Group and Working Hour, Indonesia, 2009

Age Group	Working Hour				Total
	0 - 15	16 - 30	31 - 40	> 40	
<u>Working children only</u>					
5 - 12	13.9	75.4	10.6	0.0	100.0
13 - 14	20.1	33.4	20.4	26.1	100.0
15 - 17	13.3	19.0	19.0	48.7	100.0
5 - 17	14.0	22.4	18.8	44.9	100.0
<u>Working children and schooling</u>					
5 - 12	70.5	24.3	0.9	4.4	100.0
13 - 14	56.4	38.3	2.5	2.8	100.0
15 - 17	53.1	37.9	5.3	3.6	100.0
5 - 17	58.8	34.1	3.4	3.7	100.0
<u>Working children and housekeeping</u>					
5 - 12	70.6	27.6	1.5	0.3	100.0
13 - 14	48.8	38.9	4.8	7.5	100.0
15 - 17	33.5	31.3	11.7	23.5	100.0
5 - 17	41.9	31.9	9.0	17.2	100.0
<u>Working Children, schooling and housekeeping</u>					
5 - 12	72.8	26.2	1.0	0.0	100.0
13 - 14	55.0	39.2	2.7	3.1	100.0
15 - 17	57.3	34.3	5.1	3.3	100.0
5 - 17	60.7	33.4	3.5	2.4	100.0

Graph 4.3: Percentage of Working Children Only by Sex and Working Hour, Indonesia, 2009



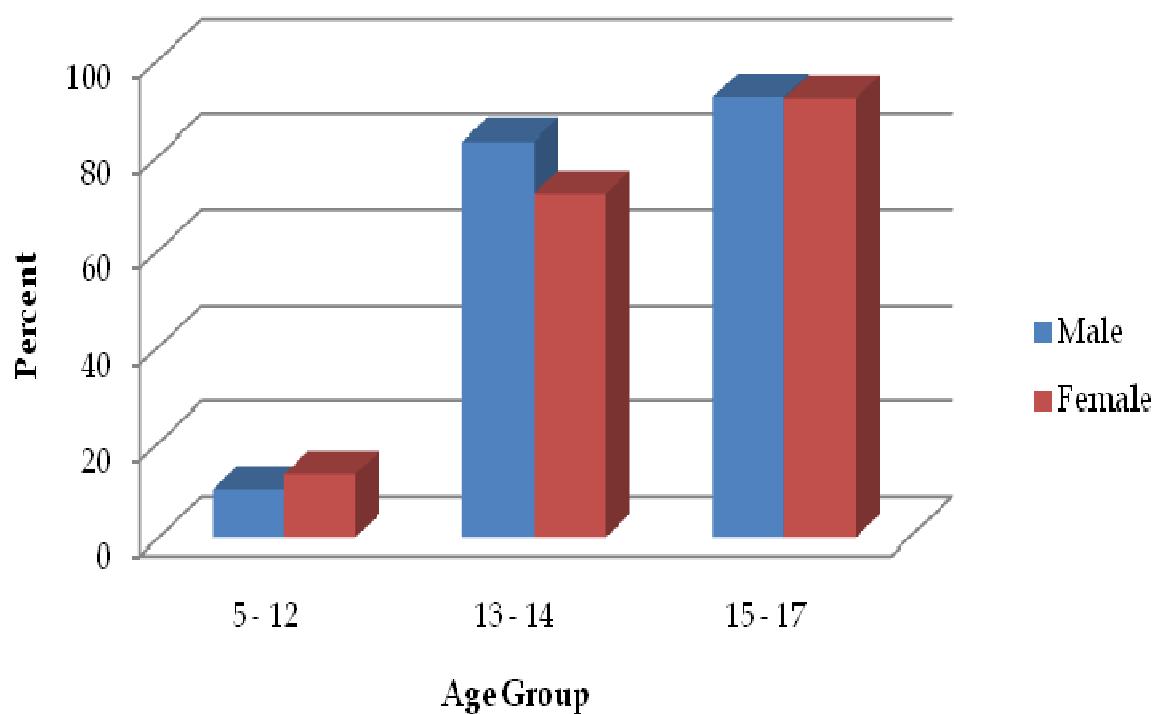
Graph 4.4: Percentage of Working Children and Schooling by Sex and Working Hour, Indonesia, 2009



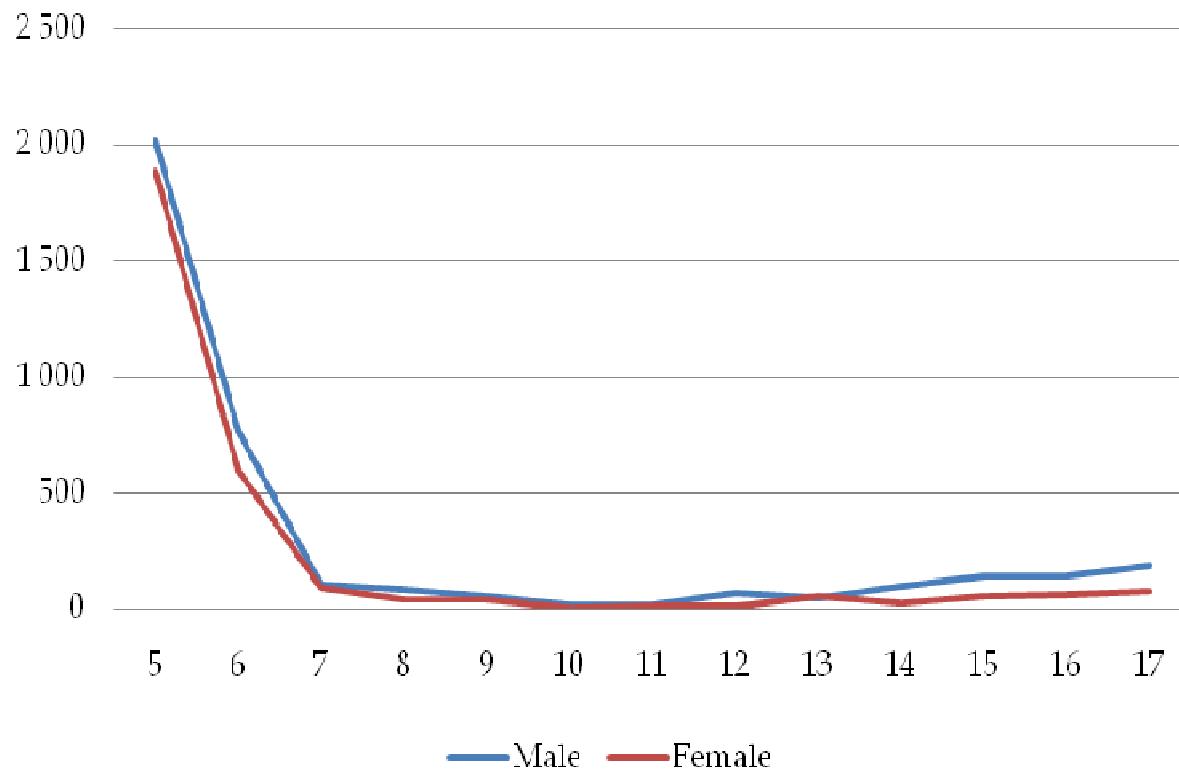
**Table 4.6 Estimated Number of Child Labour (in Thousand)
Indonesia, 2009**

Characteristic	Male	Female	Total
All working children aged 5 - 12	320.1	354.2	674.3
Working children aged 13 - 14 with working hours > 15 hours per week	193.4	127.8	321.2
Working children aged 15 - 17 with working hours > 40 hours per week	463.6	296.3	759.8
Total Child Labour:	977.1	778.2	1 755.3
As % to total children aged 5-17	3.2	2.7	3.0
As % to total working children aged 5-17	40.9	46.8	43.3
Proportion to total children at respective ages (%)			
Aged 5-12	100.0	100.0	100.0
Aged 13-14	52.3	51.3	51.9
Aged 15-17	27.3	28.0	27.5

Graph 4.5: Percentage IDLE Children by Age Group and Ability to Read and Write, Indonesia, 2009



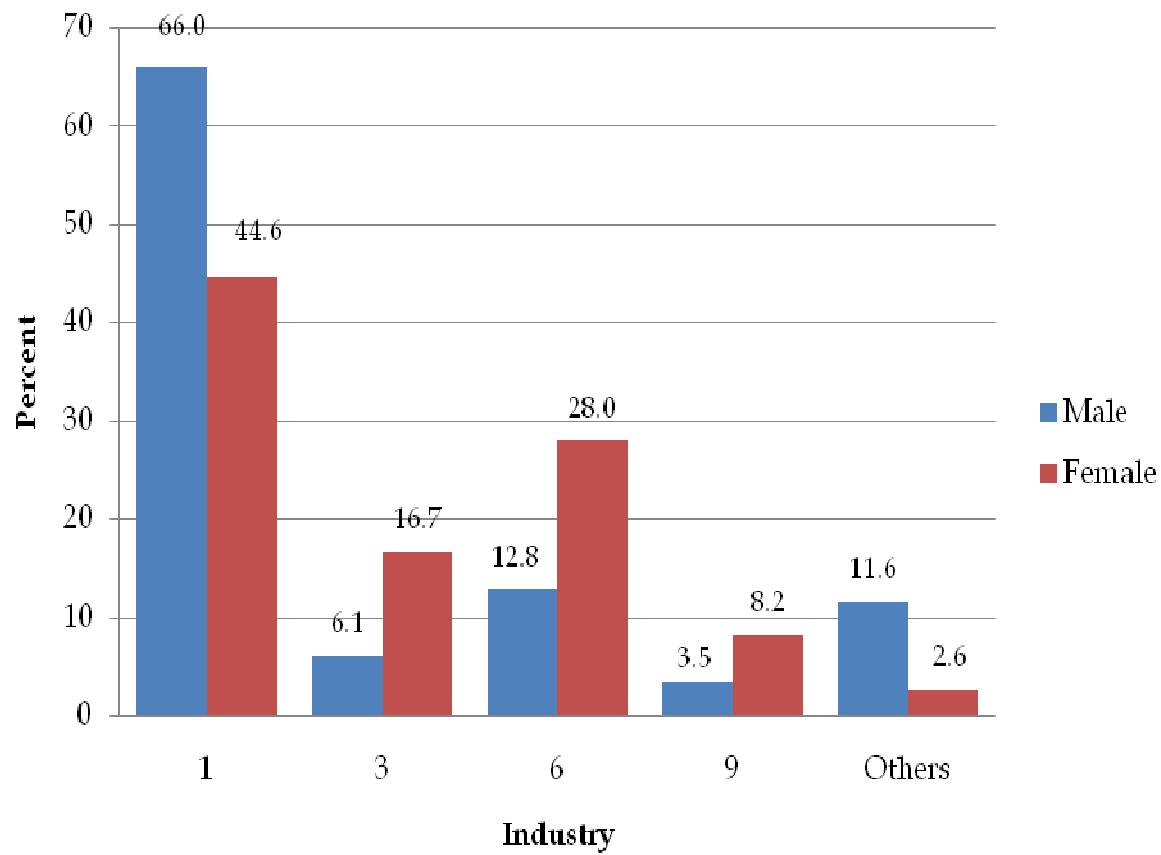
**Graph 4.6: The Number of Idle Children by Age and Sex
(in thousand), Indonesia, 2009**



**Table 5.1 % of Working Children by Industry and Age-Group
Indonesia, 2009**

Industry	5-12	13-14	15-17	5 - 17
Agriculture, Forestry, Hunting and Fishery (Code 1)	64.3	64.6	53.8	57.2
Manufacturing Industry (Code 3)	10.7	8.4	10.8	10.4
Wholesale Trade, Retail Trade, Restaurant and Hotels (Code 6)	18.3	18.4	19.3	19.0
Community, Social and Personal Services (Code 9)	4.3	3.4	6.1	5.4
Others (Codes 2, 4, 5, 7 and 8)	2.4	5.3	9.9	7.9
Total	100.0	100.0	100.0	100.0
in thousand	674.3	6 190.9	2 759.4	4 052.8

Graph 5.1: Percentage of Working Children by Industry and Sex, Indonesia, 2009



Graph 5.2: Sex Ratio of Working Children by Industry (per 100 female), Indonesia, 2009

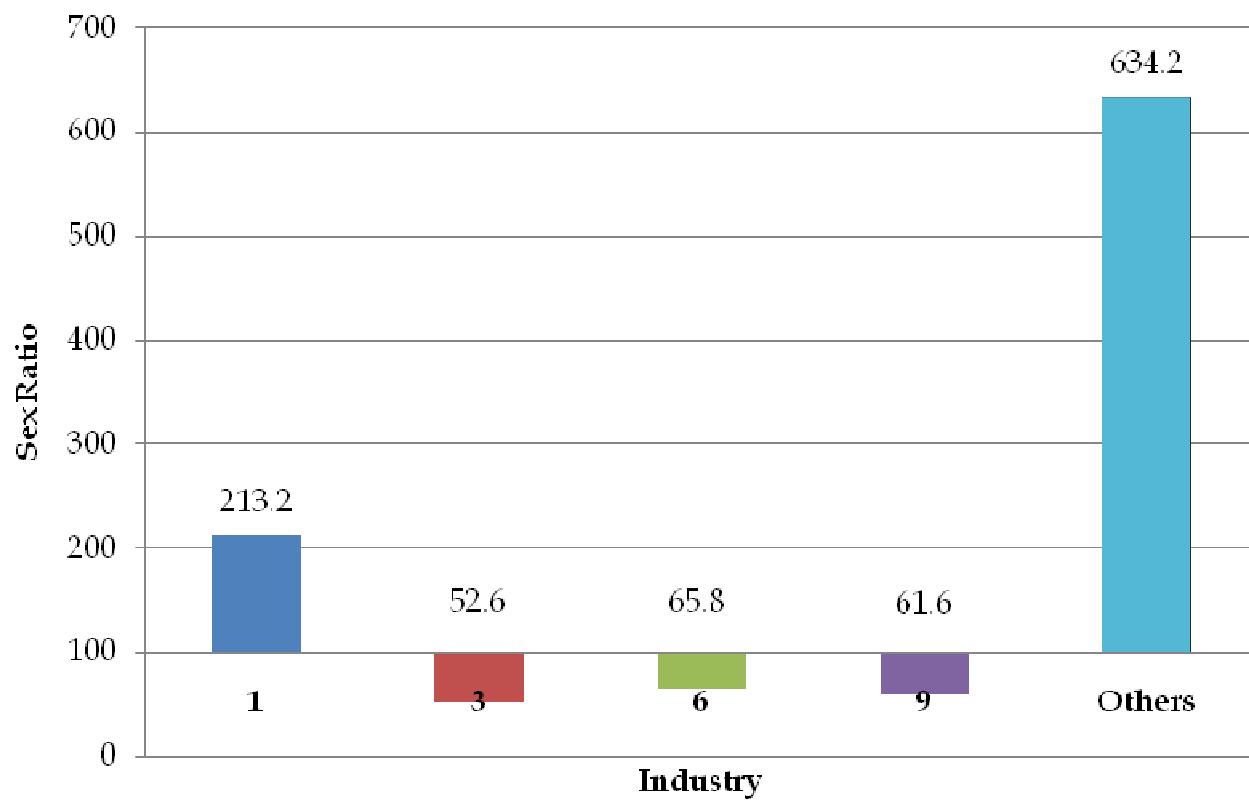
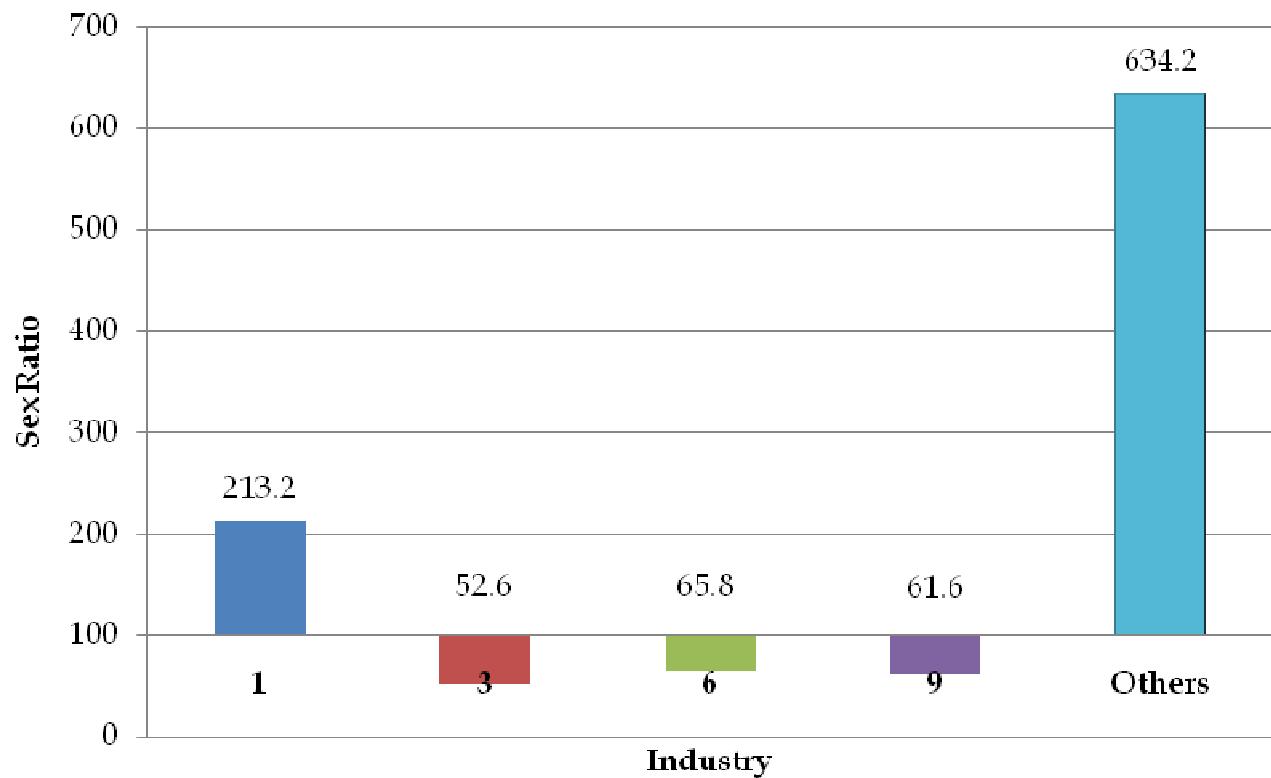


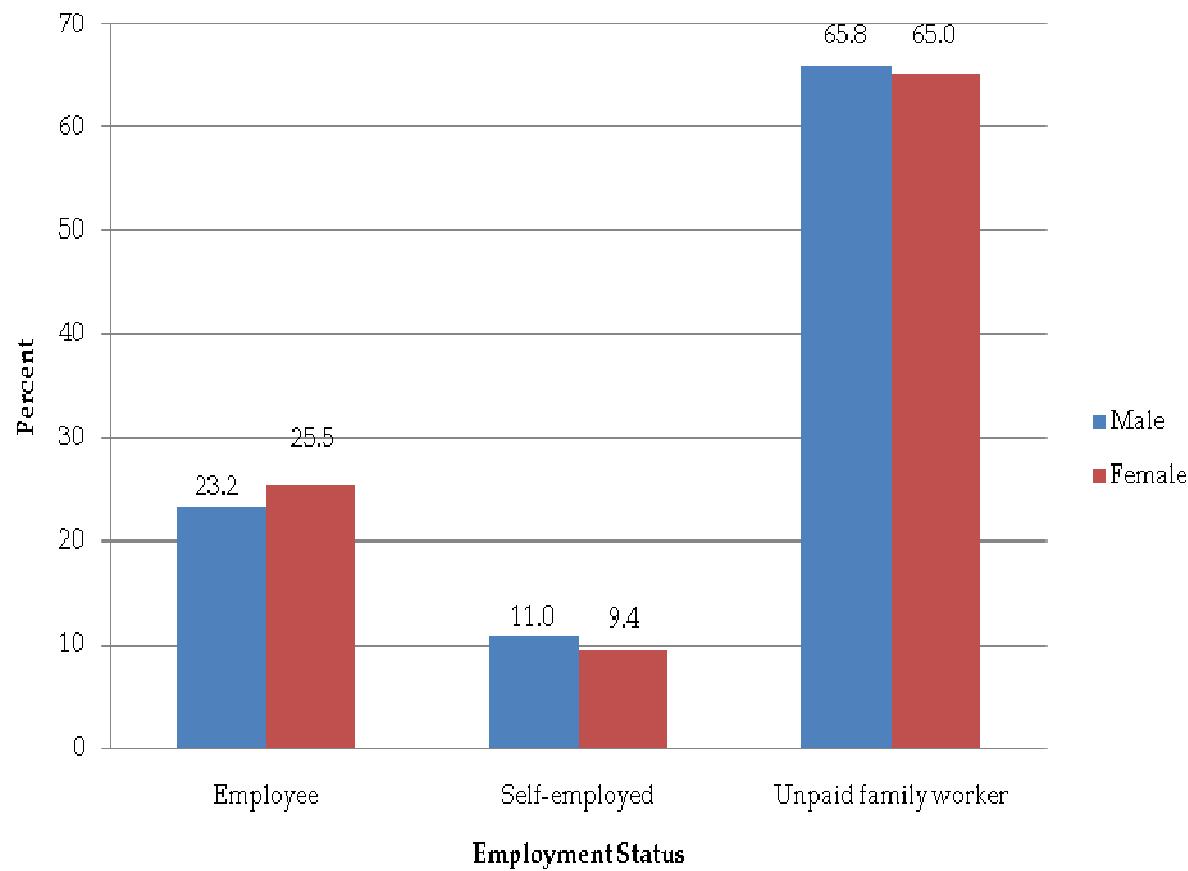
Table 5.2 Percentage of Working Children by Employment Status and Age Group, Indonesia, 2009

Employment Status	5-12	13-14	15-17	5 - 17
Employee	4.8	12.1	31.6	24.2
Self-employed	12.7	6.3	10.7	10.3
Unpaid family worker	82.5	81.5	57.8	65.5
Total	100.0	100.0	100.0	100.0

Graph 5.2: Sex Ratio of Working Children by Industry (per 100 female), Indonesia, 2009



Graph 5.3 Percentage of Working Children by Employment Status and Sex, Indonesia, 2009



Graph 5.4 Sex Ratio of Working Children by Employment Status, Indonesia, 2009

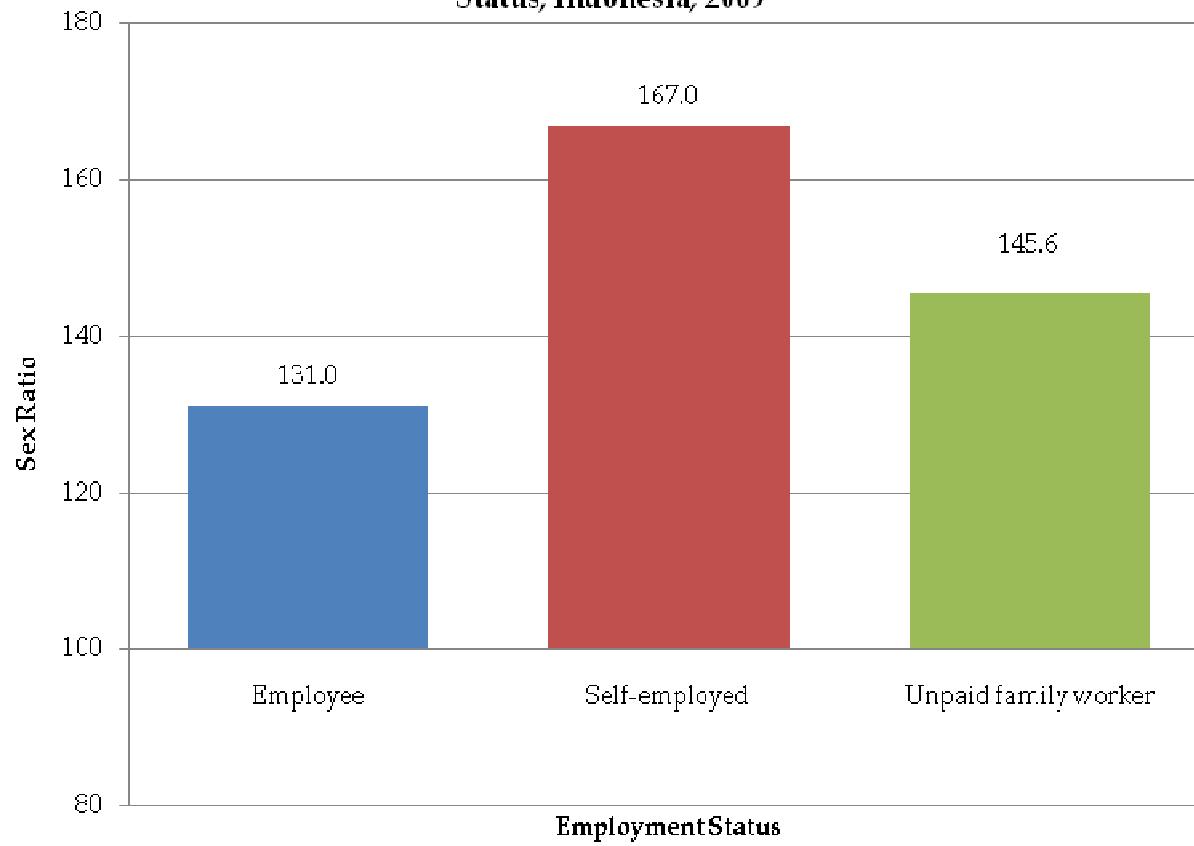


Table 5.3 Percentage of Working Children by Occupation and Age Group

Occupation	5-12	13-14	15-17	5 - 17
3/4/5 Clerical and Related Workers, Sales and service workers	19.0	20.8	20.6	20.3
6 Agricultural, Animal husbandry, Forestry workers, fisherman and hunter	61.9	59.9	48.8	52.7
7/8/9 Production and related workers, transport equipment operators and labourers	19.1	19.3	30.6	27.0
Total	100.0	100.0	100.0	100.0

Graph 5.5 Percentage of Working Children by Occupation
and Sex, Indonesia, 2009

