



An Overview Of Child Work Indicators



*Understanding Children's Work
An Inter-Agency Research Cooperation Project
at
Innocenti Research Centre*

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Child work indicators

- Indicators can be developed on the basis of available HH or labour force surveys
- A set of necessary information is required in order to develop the indicators
- Indicators are not able to fully capture the various dimension of child work, but should try to answer some basic questions

Necessary information to develop child work indicators

- Information on economic activity should start possibly at age 6, but not later than 10
- Information on household background (income, education, etc.) is essential
- Sector of activity and position in employment are also relevant
- Reference can be made to the “core” questionnaire developed by IPEC with collaboration of UNICEF and WB



Additional information



- “Community” variables
- Health status and/or incidence of illnesses/injuries
- Weight and height of children
- School expenditures
- Oversampling of working children

Questions indicators should address



- What is child work?
- How widespread is it?
- What are its characteristics?
- How damaging is it for the child's health and future earning capacity?
- Which household, local or national characteristics make it more likely that a child will work?

What is child work?



Percentage of Children Working only, or Working and Studying , by Sex and Age



<i>Age</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
6	7.2	8.0	7.6
7	10.6	9.3	10.0
8	11.7	8.6	10.0
9	13.3	14.2	13.7
10	21.2	15.1	18.1
11	20.7	16.7	18.8
12	29.3	18.6	23.9
13	19.1	17.3	18.1
14	36.2	22.2	29.2
Total	18.7	14.4	16.5

Source: Enquesta Nacional de Hogares Sobre Medición de Niveles de Vida, Peru 1994

Percentage of Children Attending School, by Sex And Age



<i>Age</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
6	99.1	98.4	98.8
7	98.5	98.9	98.7
8	98.9	98.3	98.6
9	97.5	99.4	98.5
10	98.6	98.4	98.5
11	99.5	98.1	98.8
12	96.7	97.2	97.0
13	97.2	92.2	94.5
14	92.4	93.7	93.0
Total	97.6	97.1	97.4

Source: Enquesta Nacional de Hogares Sobre Medición de Niveles de Vida, Peru 1994

Percentage of Children Who Carry Out Household Chores, by Sex, Type Of Activity and Household Chore



<i>Type of Activity</i>	<i>Household Chores</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Work only	Cooking	14.3	25.0	18.2
	Cleaning	28.6	25.0	27.3
	Washing	0.0	0.0	0.0
	Going to the market	14.3	0.0	9.1
Study only	Cooking	18.9	48.5	33.5
	Cleaning	30.7	53.9	42.2
	Washing	3.4	22.6	12.8
	Going to the market	10.6	17.6	14.0
Work and study	Cooking	29.4	75.3	51.3
	Cleaning	42.6	78.7	60.1
	Washing	5.3	41.5	22.8
	Going to the market	15.4	21.0	18.1
No activities	Cooking	11.5	14.3	13.0
	Cleaning	19.2	17.9	18.5
	Washing	3.8	0.0	1.9
	Going to the market	5.3	0.0	2.3
Total	Cooking	21.8	54.8	37.9
	Cleaning	33.9	59.5	46.5
	Washing	4.0	27.1	15.3
	Going to the market	12.0	17.7	14.8

Source: Kazakhstan Living Standard Survey, 1996

How widespread is it?





Percentage of Children aged 6-14, by Sex and Type of Activity

<i>Type of Activity</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Work only	1.3	1.1	1.2
Study only	80.1	84.0	82.0
Work and study	17.5	13.2	15.3
No activities	1.1	1.7	1.4
Total	100	100	100

Source: Enquesta Nacional de Hogares Sobre Medición de Niveles de Vida, Peru 1994

Percentage Of Children aged 7-14, by Sex, Type of Activity and Regions



<i>Type of Activity</i>	<i>Region</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Work only	Central	3.4	2.8	3.1
	Southern	0.0	0.8	0.4
	Western	0.9	0.0	0.5
	Northern	0.9	0.0	0.4
	Eastern	0.6	0.0	0.3
Study only	Central	59.0	58.9	58.9
	Southern	77.9	73.4	75.9
	Western	73.1	84.8	78.5
	Northern	53.0	61.4	57.4
	Eastern	58.6	55.7	57.2
Work and study	Central	32.5	30.8	31.7
	Southern	18.2	18.8	18.4
	Western	22.2	14.1	18.5
	Northern	38.5	34.8	36.5
	Eastern	36.2	40.5	38.3
No activities	Central	5.1	7.5	6.3
	Southern	3.9	7.0	5.3
	Western	3.7	1.1	2.5
	Northern	7.7	3.8	5.6
	Eastern	4.6	3.8	4.2

Source: Kazakhstan Living Standard Survey, 1996

Percentage of Children aged 7-14 by Sex, Type of Activity and Area



<i>Type of Activity</i>	<i>Area</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Work only	Urban	1.0	0.4	0.7
	Rural	1.1	0.9	1.0
Study only	Urban	72.2	74.0	73.1
	Rural	58.2	58.5	58.4
Work and study	Urban	21.7	21.3	21.5
	Rural	35.8	35.6	35.7
No activities	Urban	5.0	4.3	4.7
	Rural	4.9	5.0	4.9

Source: Kazakhstan Living Standard Survey, 1996

What are its characteristics?



Percentage of Children aged 5-14, by Sex and Industry



<i>Industry</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Agriculture	95.87	97.07	96.46
Fishing	2.97	0.97	1.98
Manufacturing	0	0.02	0.01
Construction	-	-	-
Electricity, gas and water	0.04	0	0.02
Wholesale and retail trade	0.6	0.68	0.64
Transports	0.2	0.11	0.15
Financial Intermediation	0.16	0.06	0.11
Other community services	0.03	0.13	0.08
Private hh employee	0.13	0.98	0.55
Total	100	100	100

Source: Zambia LCMS, 1998

Percentage of Children aged 7-14, by Sex and Modality of Employment



<i>Modality of Employment</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Wage employ	7.7	9.0	8.3
Self employ	2.7	3.1	2.9
Family employ	89.5	87.9	88.7
Total	100	100	100

Source: Encuesta Continua de Hogares, Bolivia 1999

Children Working Only: Average Working Hours By Sex and Age



<i>Age</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
6	4.0	0.0	4.0
8	40.6	30.0	38.1
9	20.0	0.0	20.0
10	35.5	0.0	35.5
11	25.9	37.7	28.5
12	37.6	30.0	34.7
13	27.9	41.1	32.2
14	40.1	42.1	41.1
Total	33.3	39.8	35.5

Source: Pesquisa Sobre Padroes de Vida, Brazil 96-97



Children Working And Studying: Average Working Hours By Sex and Age

<i>Age</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
6	14.4	3.0	12.0
7	7.1	20.0	8.2
8	12.6	22.1	14.7
9	16.2	8.5	13.6
10	24.1	16.5	22.3
11	21.4	18.6	20.6
12	20.2	12.3	17.6
13	25.9	20.2	23.9
14	30.1	28.7	29.7
Total	23.7	19.7	22.4

Source: Pesquisa Sobre Padroes de Vida, Brazil 96-97

How damaging is it for the
child's health and future earning
capacity?





Percentage of Children aged 7-14 with Health Problems, by Sex and Type of Activity

<i>Type of Activity</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Work only	15.6	17.6	16.6
Study only	17.9	18.9	18.3
Work and study	33.2	7.2	24.1
No activities	18.1	14.5	15.9
Total	17.4	16.7	17.1

Source: Enquête Intégrale sur les conditions de Vie des Ménages (avec module budget et consommation), Guinea 1994



Percentage of Children aged 7-14 Working Only with Health Problems, by Sex and Modality of Employment

<i>Modality of Employment</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Self employ	21.9	27.8	26.5
Unpaid employ	11.0	24.3	17.6
Agricultural employ	15.8	17.1	16.4
Total	15.6	17.6	16.6

Source: Enquête Intégrale sur les conditions de Vie des Ménages (avec module budget et consommation), Guinea 1994

Percentage of Children aged 7-14 Working and Studying with Health Problems, by Sex and Modality of Employment



<i>Modality of Employment</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Self employ	0.0	17.3	13.1
Unpaid employ	19.7	12.0	16.4
Agricultural employ	36.9	4.4	26.7
Total	33.2	7.2	24.1

Source: Enquête Intégrale sur les conditions de Vie des Ménages (avec module budget et consommation), Guinea 1994

Body Mass Distribution, by Sex and Type of Activity



<i>Type of Activity</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Work only	16.9	20.5	18.0
Study only	17.4	17.9	17.7
Work and study	17.6	18.7	18.0
No activities	17.7	17.2	17.4
Total	17.5	17.9	17.7

Source: Pesquisa Sobre Padroes de Vida, Brazil 96-97

Which household characteristics
make it more likely that a child
will work?



Percentage of Children by Household Income Quintile, Sex and Type of Activity



Sex	Type of Activity	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5	Total
Male	Work only	7.2	0.5	0.8	0.4	0.0	2.4
	Study only	58.8	76.2	82.8	91.4	93.6	77.3
	Work and study	21.0	15.5	11.7	4.5	6.2	13.2
	No activities	13.0	7.8	4.7	3.7	0.1	7.0
Female	Work only	2.2	0.6	1.5	0.3	0.1	1.1
	Study only	72.1	82.0	90.0	92.7	96.3	84.3
	Work and study	9.4	5.4	2.7	5.4	3.3	5.8
	No activities	16.3	12.0	5.8	1.5	0.3	8.8
Total	Work only	4.8	0.6	1.2	0.3	0.0	1.8
	Study only	65.3	79.1	86.3	92	95	80.8
	Work and study	15.3	10.4	7.2	4.9	4.8	9.5
	No activities	14.6	9.9	5.3	2.7	0.2	7.9

Source: Pesquisa Sobre Padroes de Vida, Brazil 96-97



Percentage of Children aged 6-14, by Household Head's Level of Education and Children's Activity

<i>Type of Activity</i>	<i>No Education</i>	<i>Primary</i>	<i>Secondary</i>	<i>Upper Secondary</i>	<i>University</i>	<i>Total</i>
Work only	3.3	90.3	4.9	-	1.6	100
Study only	0.9	43.7	37.7	5.8	11.9	100
Work and study	2.8	66.4	28.6	1.8	0.5	100
Household Chores	1.4	50.2	35.7	4.4	8.3	100
No activities	1.4	71.1	24.7	1.4	1.4	100

Source: Enquesta Nacional de Hogares Sobre Medición de Niveles de Vida, Peru 1994