

# PPI<sup>®</sup> for Kenya 2005

**Important:** A PPI score **must** be converted into a poverty likelihood using the PPI Look-up Table.

Indicators	Responses	Score
1. How many members does the household have?	A. Nine or more	0
	B. Seven or eight	5
	C. Six	8
	D. Five	12
	E. Four	18
	F. Three	22
	G. One or two	32
2. What is the highest school grade that the female head/spouse has completed?	A. None, or pre-school	0
	B. Primary standards 1 to 6	1
	C. Primary standard 7	2
	D. Primary standard 8, or secondary forms 1 to 3	6
	E. No female head/spouse	6
	F. Secondary form 4 or higher	11
3. What kind of business (type of industry) is the main occupation of the male head/spouse connected with?	A. Does not work	0
	B. No male head/spouse	3
	C. Agriculture, hunting, forestry, fishing, mining, or quarrying	7
	D. Any other	9
4. How many habitable rooms does this household occupy in its main dwelling (do not count bathrooms, toilets, storerooms, or garage)?	A. One	0
	B. Two	2
	C. Three	5
	D. Four or more	8
5. The floor of the main dwelling is predominantly made of what material?	A. Wood, earth, or other	0
	B. Cement or tiles	3
6. What is the main source of lighting fuel for the household?	A. Collected firewood, purchased firewood, grass, or dry cell (torch)	0
	B. Paraffin, candles, biogas, or other	6
	C. Electricity, solar, or gas	12
7. Does your household own any irons (charcoal or electric)?	A. No	0
	B. Yes	4
8. How many mosquito nets does your household own?	A. None	0
	B. One	2
	C. Two or more	4
9. How many towels does your household own?	A. None	0
	B. One	6
	C. Two or more	10
10. How many frying pans does your household own?	A. None	0
	B. One	3
	C. Two or more	7
<b>Total Score:</b>		

This PPI was created in March 2011 using data from Kenya's 2005/06 Integrated Household Budget Survey by **Mark Schreiner** of Microfinance Risk Management, L.L.C. For more information, please visit [www.povertyindex.org](http://www.povertyindex.org).

## Look-up Tables

The following look-up tables are used to convert PPI scores to poverty likelihoods.

Poverty Lines				
PPI Score	Food	National	150% of National	USAID "Extreme"
0 - 4	95.4	95.4	100.0	91.5
5 - 9	72.6	95.0	100.0	73.9
10 - 14	57.1	85.8	96.5	57.9
15 - 19	47.4	82.5	95.7	46.9
20 - 24	37.8	77.3	93.2	46.3
25 - 29	32.8	67.9	89.1	36.5
30 - 34	23.5	63.7	83.3	27.6
35 - 39	12.7	46.4	75.7	16.8
40 - 44	9.9	36.9	64.8	15.4
45 - 49	4.7	30.0	64.3	7.4
50 - 54	1.9	17.8	49.4	2.5
55 - 59	0.9	13.9	41.8	2.3
60 - 64	0.5	6.1	32.3	0.3
65 - 69	0.9	4.6	20.4	1.2
70 - 74	0.2	3.8	11.1	0.2
75 - 79	0.0	0.0	4.1	0.0
80 - 84	0.4	0.4	6.7	0.4
85 - 89	0.0	0.0	4.1	0.0
90 - 94	0.0	0.0	0.0	0.0
95 - 100	0.0	0.0	0.0	0.0

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## Look-up Tables

The following look-up tables are used to convert PPI scores to poverty likelihoods: International 2005 PPP Lines

2005 PPP Poverty Lines				
PPI Score	\$1.25/day 2005 PPP	\$2.50/day 2005 PPP	\$4.00/day 2005 PPP	\$8.44/day 2005 PPP
0 - 4	100.0	100.0	100.0	100.0
5 - 9	97.5	100.0	100.0	100.0
10 - 14	86.2	99.6	100.0	100.0
15 - 19	86.0	99.3	99.7	100.0
20 - 24	81.9	99.0	99.5	100.0
25 - 29	70.1	96.2	99.4	100.0
30 - 34	63.1	95.4	98.6	99.9
35 - 39	49.0	91.8	98.2	99.9
40 - 44	35.1	82.0	95.5	99.8
45 - 49	24.9	75.3	93.8	99.5
50 - 54	9.6	61.1	88.5	98.7
55 - 59	6.8	44.4	75.5	95.6
60 - 64	1.4	29.0	63.2	94.6
65 - 69	0.8	20.3	47.4	87.5
70 - 74	0.1	8.9	31.7	78.7
75 - 79	0.1	5.4	21.1	70.6
80 - 84	0.1	3.0	10.8	60.0
85 - 89	0.0	1.2	4.7	43.3
90 - 94	0.0	0.0	0.0	24.3
95 - 100	0.0	0.0	0.0	0.0

Poverty likelihoods here for \$1.25 and \$2.50/day 2005 PPP differ slightly from Schreiner (2011). They have been adjusted to ensure that poverty likelihoods never increase as scores increase. This preserves unbiasedness and has little other effect.

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## Look-up Tables

The following look-up tables are used to convert PPI scores to poverty likelihoods: International 2011 PPP Lines

2011 PPP Poverty Lines		
PPI Score	\$1.90/day 2011 PPP	\$3.10/day 2011 PPP
0 - 4	100.0	100.0
5 - 9	93.3	100.0
10 - 14	79.3	96.8
15 - 19	79.5	96.4
20 - 24	67.6	92.5
25 - 29	63.2	87.9
30 - 34	52.4	85.7
35 - 39	39.4	73.0
40 - 44	27.5	62.6
45 - 49	14.4	54.6
50 - 54	5.9	30.2
55 - 59	4.2	22.5
60 - 64	0.9	10.2
65 - 69	0.4	7.0
70 - 74	0.2	1.7
75 - 79	0.0	2.3
80 - 84	0.4	0.4
85 - 89	0.0	0.0
90 - 94	0.0	0.0
95 - 100	0.0	0.0

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