



Save the Children

Impact of Rehab Intervention under OFC Period



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Outline

1. Background and significance of the project
2. Objectives
3. Methods
4. Results

Background and Significance of the Project

- 1) Coping mechanism as an indicator for household food security
- 2) Shelter as a support to common coping mechanisms in using self-management as a mean to achieve the outcome
- 3) Shelter Rehabilitation Program by SCl aims to support vulnerable children and their families who live in sub-standard buildings by attending to the continued degradation of their living conditions to reduce the negative coping mechanisms used by beneficiaries.

Objectives of the Analysis



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graph LR; A[To assess the living conditions of beneficiaries prior to the intervention] --> B[To assess the living conditions of beneficiaries after the intervention]; B --> C[To observe changes in the coping mechanism];
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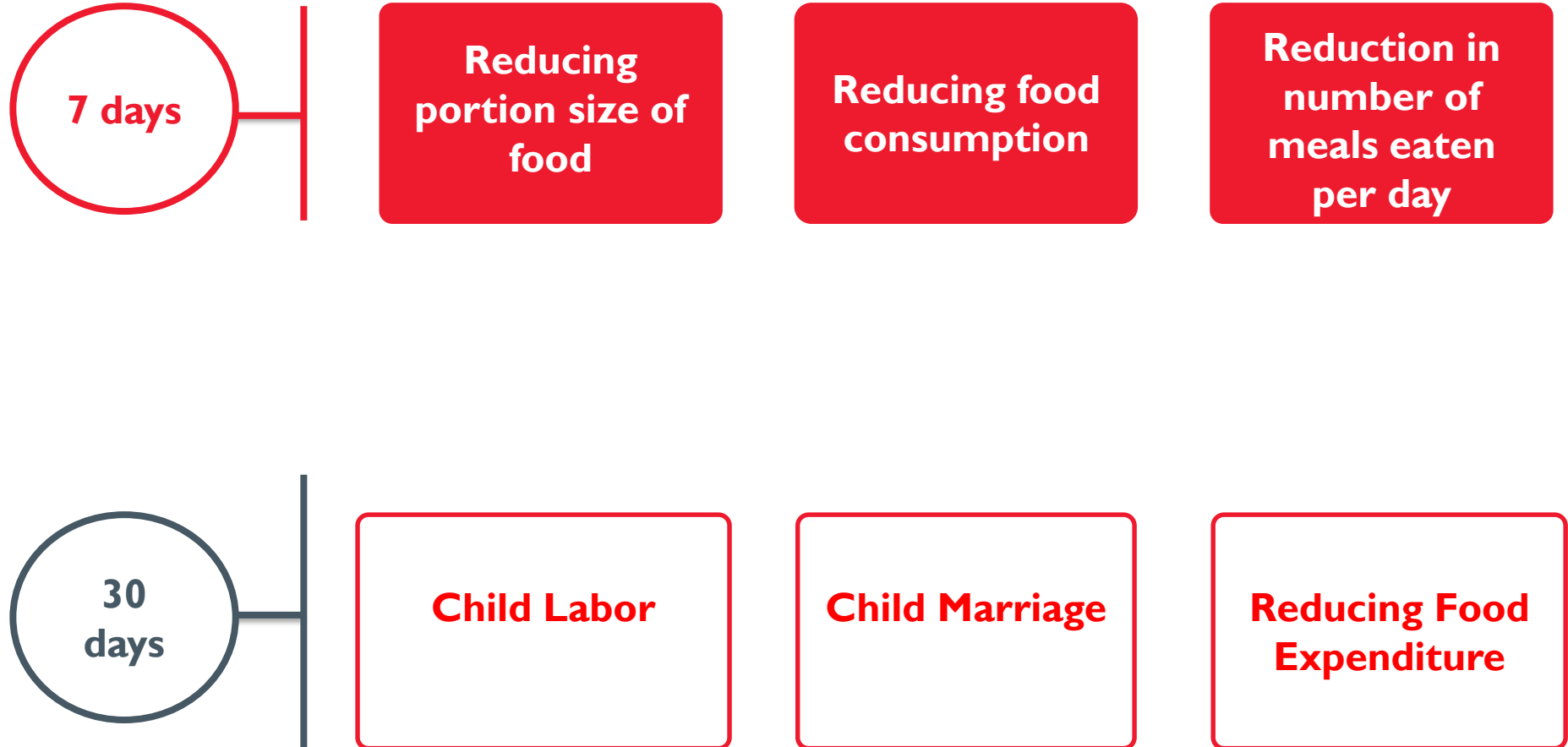
To assess the living conditions of beneficiaries prior to the intervention

To assess the living conditions of beneficiaries after the intervention

To observe changes in the coping mechanism

Methodology

CSI index



Results

Descriptive Analysis

- Status
- Health
- Access
- Protection
- Stability
- Coping

Sample Size

Sample size 316 Households assisted with shelter rehabilitation program in exchange of 12 months OFC.

Vulnerability score:

- **Severely Vulnerable 80.5%**
 - **Highly Vulnerable: 10.05%**
 - **Mildly Vulnerable: 5.03%**
 - **Least Vulnerable: 4.40%**
-
- **64% of the sample are not receiving MPCA**

Statistics

P-value → the probability of obtaining a result when the null hypothesis is true.

Null hypothesis → the descriptive analysis at baseline and end-line are the same

If $P < 0.05$ → we reject the null hypothesis and conclude that there is a significant difference between the two.

A p value of 0.05 → there is a 5% chance that the results of the study occurred by chance alone and in 95% of the cases we are confident of the result.

Component	Variable	Categories	N(%)- Baseline	N(%)- End line	P-value
Status	Beneficiary status	Existing in place	100%	95%	0.799
		Not existing	-	5%	
Health	Child (under 5) cough	No	90.95%	87.97%	0.835
		Yes	9.05%	12.03%	
	Child (under 5) diarrhea	No	95.83%	95.25%	0.837
		Yes	4.17%	4.75%	
Access	Number of children enrolled in school	0	67.96%	50.95%	0.014*
		1	9.77%	12.34%	
		2+	22.27%	36.71%	
Expenditure	Food	Mean ± S.D	356,557± 819286	385,024± 285086	<0.001*
	Medication	Mean ± S.D	129,033± 182280	132,975 ± 181752	0.022*
	Education	Mean ± S.D	17, 059 ± 230935	19,803 ± 95640	1
Stability	Written lease agreement with your landlord	No	95.26%	19.62%	0.05*
		Yes	4.74%	80.38%	

Component	Variable	Categories	N(%)- Baseline	N(%)- End line	P-value
Protection	Privacy level	1-Very low	2.75%	-	0.051*
		2-Low	4.13%	1.38%	
		3-Average	12.84%	5.07%	
		4-Good	39.91%	73.73%	
		5-Very good	40.37%	19.82%	
	Dignity level	1-Very low	0.92%	0.46%	0.052*
		2-Low	3.67%	-	
		3-Average	14.22%	5.07%	
		4-Good	46.33%	58.53%	
		5-Very good	34.86%	35.94%	
	Theft	No	98.13%	93.04%	0.248
		Yes	1.87%	6.96%	
	Safety Level	1-Very low	0.46%	0.46%	0.049*
		2-Low	2.29%	1.84%	
		3-Average	7.34%	8.76%	
		4-Good	31.65%	69.59%	
		5-Very good	58.26%	19.35%	

Component	Variable	Categories	N(%)- Baseline	N(%)- End line	P-value
Coping	Borrowing money in the last 90 days	No	35.49%	23.73%	0.818
		Yes	64.51%	76.27%	
	Experience lack of food past 30 days	No	46.41%	41.46%	0.245
		Yes	53.30%	58.54%	
Income	Total income	Mean± S.D	227088 ± 247425	300322 ± 397399	0.0150*
Debt	Total debt	Mean± S.D	943,312 ± 3972782	1,019,959± 1367429	0.999
Rent	Rent Paying Now	No	34.48%	95.26%	<0.001*
		Yes	65.52%%	4.74%	
Stability	Landlord honoring terms & conditions	No	35.92%	6.01%	0.064
		Yes	64.08%	93.99%	

Component	Variable	Categories	N(%) Baseline	N(%) End line	P-value
Stability	Landlord tried to evict in the past 3 months	No	96.98%	90.82%	0.992
		Yes	3.02%	9.18%	
	Written lease agreement with your landlord	No	95.26%	19.62%	0.05*
		Yes	4.74%	80.38%	

Coping Strategies

- 7 days -

- Relied on less expensive/less preferred food :
Out of the total who used this strategy at baseline, 53% did not use it at end-line ($P=0.005^*$)
- Restricted consumption of adults in order for young children to eat:
Out of the total who used this strategy at baseline, 92% did not use this strategy at end-line ($P= 0.006^*$)
- Reduced portion size of meals
Out of those who used this indicator at baseline, 54% of them did not use this strategy at end-line. ($P= 0.107$)

Coping Strategies

- 7 days -

- Spent days without eating

Out of those who spent days without eating to cope with the lack of food or the money to buy it at baseline, 96% of them did not use this negative coping mechanism at end-line. (P= 0.102)

- Sent HH members to eat elsewhere
- Borrowed food and/or relied on help from friends/relatives
- Reduced the number of meals eaten per day

Coping Strategies

- 30 days -

- Reduce food expenditure

At baseline, 32.57% used this negative coping mechanism while 23.5% used it at end-line ($P=0.0272^*$)

- Reduce essential non-food expenditure (such as healthcare)

Out of those who used this strategy to cope with the lack of food or the money to buy it at baseline, 86% of them did not use it at end-line. ($P= 0.106$)

- Bought food on credit and/or borrowed money to purchase food

Out of those who used this strategy at baseline, 62% did not use it at end-line ($P=0.026^*$)

Coping Strategies

- 30 days -

- Asked for money from strangers (begged)

At baseline, 12% used this strategy while only 4% used it at end-line ($P=0.0027^*$)

- Marriage of children under 18

Out of those who used this strategy at baseline, 88% did not use it at end-line ($P= 0.012$)

- Withdrew children from school

At baseline, 1.38% used this strategy, while only 0.92% used it at end-line ($P=0.028^*$)

Coping Strategies

- 30 days -

- Selling HH goods (radio, furniture, television, jewellery etc)
- Sell productive assets and/or means of transport (sewing machine)
- Have school aged children (aged 15 years and under) involved in income generation
- HH members accepting high risk, dangerous, or exploitative work
- Sent a HH member to work elsewhere (not related to usual seasonal migration)
- Sold house and/or land
- Spent some or all of the HH savings

Thank You