

Changes and correlates of household food insecurity during COVID-19: a panel survey of low-income households in peri-urban Peru

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Supplemental file 1 Definitions of COVID-19 related variables

1. Concerns pandemic has brought (max 3 responses)	Unemployment/loss of income	
	High cost of food	
	Social distancing	
	Fear of getting infection/dying for yourself	
	Fear of infection/dying for other family members	
	Loss of a family member in the household	
	Travel/transport restrictions	
	Shortage in food supply	
	Quarantine/isolation/ mental wellbeing	
	Shops being closed	
	Schools/daycare centres/Cuna Mas being closed	
	Difficulty accessing health services	
	Other concern	
2. Financial impacts of the pandemic on households and adaptations to these	Household financially impacted by the pandemic	Yes – a lot; yes – a bit; no – not at all; don't know
	How do you consider your current household income levels	Less; same; more
	Have you had to make any changes/adjustments within your household due to the economic impact of the pandemic?	Yes – a lot; yes – a bit; no – not at all; don't know
	If yes, how did you deal with the financial impact the pandemic had on your household?	Used bank savings; used cash savings; reduced food expenditures; borrowed money; bought on credit; sold off assets; sharing pot/community kitchens.
3. Sources of financial support	Government bonus (for independent worker)	
	Government bonus (stay home)	
	Bonus child < 2 years	
	NGO bonus	
	Electricity bonus	
	Financial help from family member/ friend/ acquaintance	
	Other Government bonus	
4. Sources of food assistance	Vaso de leche (glass of milk for children under 6y, pregnant women)	
	Qaliwarma for primary school children (food baskets for homes)	
	Municipality food basket	
	Other programme/institution	

Supplemental file 2 Socio-demographic characteristics stratified by area of residence (Lima vs. Huánuco)

	Lima N=383	Huánuco N=376	p value
Maternal age at date of survey completion (years)	31.1 (6.6)	29.1 (5.7)	<0.001
Maternal employment (working)	73 (19.1%)	90 (23.9%)	0.22
Maternal education >= secondary	265 (69.2%)	267 (71.0%)	0.61
Maternal marital status = married/living together	327 (85.4%)	319 (84.8%)	0.95
Caregiver = mother	371 (96.9%)	371 (98.9%)	0.13
Socio-economic status (tertiles)			<0.001
<i>low</i>	88 (23.0%)	165 (44.0%)	
<i>middle</i>	147 (38.4%)	106 (28.3%)	
<i>high</i>	148 (38.6%)	104 (27.7%)	
At least 2 children < 5	85 (22.2%)	70 (18.6%)	0.76
Deal with financial impact: Reduced food expenditures	228 (59.5%)	133 (35.7%)	<0.001
Deal with financial impact: Sharing pot/community kitchens	135 (35.2%)	113 (30.3%)	0.20
Deal with financial impact: Used bank/cash savings / sold off assets	159 (41.5%)	221 (59.2%)	<0.001
Deal with financial impact: borrowed money / bought on credit	76 (19.8%)	180 (48.3%)	<0.001
Financial help	275 (71.8%)	272 (72.5%)	0.34
Household receiving food from any programme/institutions	210 (54.8%)	243 (64.8%)	0.009
Livestock ownership	155 (40.5%)	220 (58.7%)	<0.001
<i>Chickens/poultry</i>	123 (32.1%)	194 (51.7%)	<0.001
<i>Pigs</i>	70 (18.3%)	134 (35.7%)	0.11
<i>Sheep/goat</i>	1 (0.3%)	5 (1.3%)	0.13