

EMERGE COVID-19 and Gender Questions Energy and the Environment

Now I would like to ask you about your how your experiences with fuel/energy and pollution may have changed since the start of the COVID-19 pandemic and the social containment efforts to manage the spread of the virus (lockdown, curfew, etc.)

Energy

1. What is the primary source of cooking fuel in this household? (select one)
 - a. Charcoal
 - b. Firewood
 - c. Animal Dung
 - d. Crop Residue
 - e. Kerosene
 - f. Gas
 - g. Electricity

2. Do you have any secondary sources of cooking fuel in this household? (check all that apply)
 - a. Charcoal
 - b. Firewood
 - c. Animal Dung
 - d. Crop Residue
 - e. Kerosene
 - f. Gas
 - g. Electricity

3. What was the primary source of cooking fuel in this household before the pandemic? (select one)
 - a. Charcoal
 - b. Firewood
 - c. Animal Dung
 - d. Crop Residue
 - e. Kerosene
 - f. Gas
 - g. Electricity

Code responses for items 1-3 as *Dirty fuel* (charcoal, firewood, animal dung, crop residue) or *Clean fuel* (kerosene, gas, electricity).

4. How much time on average do you spend each day exposed to smoke and fumes from the burning of cooking and/or heating fuel? (respond number of hours per day) _____hours

5. Is this number of hours higher, lower or the same as you did before the COVID-19 pandemic?
 - a. Higher
 - b. Lower
 - c. Same

6. Do you experience any health problems, such as headaches, dizziness or difficulty in breathing from exposure to the smoke and fumes from your cooking and/or heating fuel?
 - a. Yes
 - b. No (If no, skip to question 8)

7. How would you rate these problems (severe, moderate, minor)? (circle one)
 - a. Severe
 - b. Moderate
 - c. Minor

8. Does your dwelling have access to electricity?
 - a. Yes

- b. No (If no, go to next section)
9. Approximately how many hours per day on average does your dwelling have electricity?
- Up to 5 hours per day
 - Up to 10 hours per day
 - Up to 20 hours per day
 - More than 20 hours per day

Source: Questions for this survey were made by EMERGE.

To further develop your survey, please refer to the following modules:

- [Domestic Work Distribution, Time Use and Unpaid Labour](#)

Environment

3. Please indicate if any of the following are a significant problem for you, either at or near your home or at other places you spend a lot of time. Also, have these issues have gotten worse, better, or stayed the same since the COVID-19 pandemic and social containment?

	Yes or No (circle one)		Better	Worse (circle one)	Same
i. Large amounts of rubbish or a waste disposal site	Yes	No	Better	Worse	Same
ii. Open Sewage	Yes	No	Better	Worse	Same
iii. Air pollution (air that smells bad or makes your eyes or throat sting)	Yes	No	Better	Worse	Same
iv. Pools of water where mosquitoes or other disease carrying insects breed	Yes	No	Better	Worse	Same
v. Stores of unsecured agricultural or industrial chemicals and waste	Yes	No	Better	Worse	Same
vi. Heavy vehicle traffic for much of the day	Yes	No	Better	Worse	Same
vii. High levels of noise other than from vehicle traffic for much of the day	Yes	No	Better	Worse	Same

Sources: Questions on Energy and Environment were adapted from:

- The “Energy Dimension” and “Environment Dimension” in Wisor S, Bessell S, Castillo F, Crawford J, Donaghue K, Hunt J, ... & Pogge T. 2014. *The individual deprivation measure: A gender-sensitive approach to poverty measurement*. Melbourne: The International Women’s Development Agency.