

APPENDIX 7

EXAMPLE HOUSEHOLD SURVEY QUESTIONNAIRE: GHANA

The questionnaire on the following 7 pages was jointly developed by the University of Washington and Nkrumah University of Science and Technology, Kumasi, Ghana and was used to conduct a community injury survey in Ghana in 1998. One urban area and one rural area were surveyed (1).

Introduction

“The Holy Family Hospital/University of Science and Technology is asking the people of Berekum district/Kumasi these questions to get information about how many injuries are occurring. This will help us to plan what is needed at these hospitals and the associated health posts in order to better care for people who are injured. We are seeking information about whether you or any member of your household has had an injury.”

If necessary, explain what is meant by the word “injury” and list road traffic accidents, knockdowns, falls, burns, cuts, snakebites, etc.

I. Sampling information

1. Village/cluster code number
2. Which household surveyed within that cluster
 - 2a. Identifying information for the household
3. Which individual surveyed _____ out of how many total injured persons surveyed _____ in the household
4. Which injury _____ out of how many total _____ for that individual
A separate form to be used for each injury event.
5. Date _____
6. Interviewer _____

II. Household denominator information

- 7–10. How many people live in this household and what are their ages, sexes and occupations?

Record number of individuals in household by age and sex. Write ages as exactly as possible, but at least 5–10 year groups. For each individual aged >5, write their occupation. Use occupations from question 16 below as a guideline if necessary.

7. Age	8. M/F	9. Present	10. Occupation		7. Age	8. M/F	9. Present	10. Occupation
7. ___	8. ___	9. Y N	10. _____		7. ___	8. ___	9. Y N	10. _____
7. ___	8. ___	9. Y N	10. _____		7. ___	8. ___	9. Y N	10. _____
7. ___	8. ___	9. Y N	10. _____		7. ___	8. ___	9. Y N	10. _____
7. ___	8. ___	9. Y N	10. _____		7. ___	8. ___	9. Y N	10. _____
7. ___	8. ___	9. Y N	10. _____		7. ___	8. ___	9. Y N	10. _____
7. ___	8. ___	9. Y N	10. _____		7. ___	8. ___	9. Y N	10. _____
7. ___	8. ___	9. Y N	10. _____		7. ___	8. ___	9. Y N	10. _____
7. ___	8. ___	9. Y N	10. _____		7. ___	8. ___	9. Y N	10. _____
7. ___	8. ___	9. Y N	10. _____		7. ___	8. ___	9. Y N	10. _____

III. Did any injury occur?

11. Have you or any member of your family who live in this house (i.e. spend at least 6 months per year living in this house) had any type of injury within the last year? Please limit your comments to those injuries which prevented the victim from carrying out his/her normal daily activities for at least one day or for which you paid for any type of treatment. (Also ask if anyone in the household had tetanus in the past year).

If so, for any of these please tick here _____ and get information for Sections III – VIII.

Has anyone who lived in your household died from an injury or from tetanus within the last year?

If so, indicate injury _____ or tetanus _____ and get information for Sections III – V and VIII. If the deceased survived long enough to get treatment, also answer Section VI. Also, for expired cases, answer question 12.

Is there anyone living in your household who has a permanent disability as a result of an injury?

This applies to any permanent disabilities which have occurred from injuries occurring any time in life up to one year ago. If so, tick here ____ and get information for Sections III – VIII.

If answer is no to all of these questions, make sure to get information for Section II (Household denominator).

12. Were the remains of the deceased taken to a morgue before burial? Y / N .
13. A. Respondent B. Surrogate (injured person present) C. Surrogate (injured person absent)
14. Age _____
15. Male or female _____
16. What was his/her usual job or activity?
 - a) Employment for cash (or wages); if so, what type of work? _____
 - b) Trading
 - c) Subsistence farming
 - d) Cash farming
 - e) Housekeeping
 - f) School
 - g) Other (specify) _____

IV. Details of when, where and how the injury occurred

17. On what date did the injury occur? (as accurately as possible, but at least the season or month and the day of the week). _____ Day of week? _____
18. At what time did the injury occur? (as accurately as possible, but at least day or night). _____
19. Where did the injury occur ? (respondent's own words). Give exact geographic location if possible, otherwise, type of location _____
20. Circle one:
 - a) Home – inside
 - b) Home – outside
 - c) Other building (specify) _____
 - d) Road – paved
 - e) Road – unpaved
 - f) Intersection – paved
 - g) Intersection – unpaved
 - h) Farm
 - i) Other (specify in question 19 above) _____
21. How did it happen? (respondent's own words) _____

22. Circle one:
- Transport-related: a) Motor vehicle crash
 b) Motorcycle crash
 c) Pedestrian
 d) Bicycle
 e) Other (specify) _____
- Burn: f) Fire
 g) Scald
 h) Other (specify) _____
- Penetrating: i) Stab/slash – accidental
 j) Stab/slash – intentional
 k) Gunshot wound – accidental
 l) Gunshot wound – intentional
 m) Assault (blunt)
 n) Fall
 o) Snakebite
 p) Other (specify) _____
23. Was the injury occupational? N
 Y – agricultural
 Y – non-agricultural (specify) _____
24. Was the injury suicidal in intent? Y / N
25. If the victim was injured in or by a motor vehicle, what type of vehicle was involved? (include type of vehicle involved in knockdowns/pedestrian injuries). Circle all that apply.
- a) Taxi
 b) Private auto – victim's own
 c) Private auto – other's
 d) Car – not otherwise specified
 e) Public passenger lorry; if so, how many occupants were present (approximately)

 f) Commercial cargo lorry; if so, what cargo, if known _____
 g) Motorized vehicle – not otherwise specified
 h) Motorcycle
 i) Other (specify) _____
- If the respondent can supply more detail, add this information.*
26. If injured in a motor vehicle crash, motorcycle crash, or bicycle crash, was the injured person a:
- a) Driver?
 b) Passenger?
27. If the injured person was the driver of a vehicle, was he/she a professional driver?
 Y / N

V. What injury was sustained

28. What part of the body was injured and how was it injured? (description of actual injury in respondents own words) _____

29. Tick all that apply:

Region	Penetrating	Blunt	Burn
Head			
Face			
Neck			
Chest			
Abdomen			
Upper extremity (except hand)			
Hand			
Lower extremity			

30. If an extremity injury, was it an obvious fracture? Y / N

VI. Treatment of the injury

31. What care was given to the injured person, and by whom? (brief description in patients own words) _____

32. Circle all that apply and indicate the order in which treatment was rendered:

Type	Name (if clinic)	Order	Money for treatment	Distance	Travel time	Number of trips	Money for transport (total)
A. Home treatment							
B. Traditional B1. Herbalist B2. Bone setter B3. Spiritual healer B4. Other traditional (specify) _____							
C. Primary health care site C1. Village health post C2. Rural clinic C3. Other PHC C4. Private MD							
D1. Hospital							
D2. Hospital							
E. Other							

33. For each of the sites of treatment utilized in question 32, how much was paid out of pocket for treatment? If the respondent remembers only a general amount, write it here _____

If they remember amounts per type of site and practitioner, please record it next to the appropriate listings in question 32.

34. For each site in question 32, what is the distance (estimate if necessary), and time of transport per trip from home to this site (also indicate how many trips were made for each site).

35. In addition, how much was spent on transportation to get to site of treatment (cumulative)? If the respondent remembers only a general amount, write it here _____

If they remember amounts per trip, please record it next to the appropriate listings in question 32.

36. Why did you go to the first site utilized in question 32? Circle all that apply.

- a) Money/cost
- b) Proximity
- c) Preference
- d) Other (specify) _____

37. If a clinic or a hospital was utilized, how long after the injury did the victim first go there? _____

38. If the injured person was hospitalized, for how long? _____

38a. If the injured person was hospitalized at KATH for >1 day, get particulars (age, name, date of admission) if person/relatives give permission.

39. Is the injured person still receiving treatment? Y / N

VII. Disability resulting from the injury

40. Did the injured person suffer any disability, that is, was he/she unable to perform his/her usual activities or work or attend school because of the injury? Y / N

41. If so, in what way were they disabled? (respondent's own words) _____

42. Circle all that apply:

- a) Inability to use hand or arm or decreased strength or pain on motion of the extremity
- b) Walk with a limp or unable to walk at all
- c) Loss of vision
- d) Weakness or shortness of breath

43. For how long was he/she not able to perform his/her usual activity or work? _____

44. Was there any reduction of cash wage income? Y / N N/A (not engaged in cash making activity)

44a. If so, how much? _____

45. Is he/she now able to perform his/her usual activities? Y (able) / N (not able)

If he/she is working at the same place, but in a lesser capacity mark No above and tick here _____)

46. Did the injured person return to normal after the injury? Y (normal) / N (not normal)

If not normal, how so? (respondent's own words) _____

47. If answer is No to either question 45 or 46, what is the level of disability? Circle one:

- Self-care Not able to care for self (bathing, feeding)
- Mobility Not able to walk around the house
- Major Able to walk around the house, but not able to walk more than ¼ mile (give example from their location); not able to grasp with a hand; not able to go up or down stairs
- Minor A disability, but not as severe as the other categories
- Other Specify _____

48. How has this injury affected the family as a whole (including any member of the extended family, whether they are living in the household or not)?

Record any direct response by the respondents in their own words, but also ask the following questions:

49. Did the usual household income decline (money coming in, not expenditures)? Y / N
50. Did the usual household food production decline? Y / N
51. Did the usual household food consumption decline? Y / N
52. Did the injured person or the family have to borrow any money to pay for medical treatment for the injury or to make up for loss of income of the injured person? Y / N
53. If so, how much? _____
54. How much did you have to pay back? _____
55. Are you still paying back? Y / N
56. Did you pawn anything in order to borrow money? Y / N
57. What did you pawn? _____
58. Did you loose your pawn? Y / N
59. Did the injured person or the family have to sell anything to pay for medical treatment for the injury or to make up for loss of income of the injured person? Y / N
60. If so, what? _____
61. What value? _____
62. Did any member of the family change his/her usual activities to undertake the activities of the injured person? (e.g. farming, housekeeping) (A)
- Did any member of the family change his/her usual activities to work to make money to pay for medical treatment for the injury to make up for loss of income of the injured person? (B)
- Did the injured person require the assistance of other individuals for home-based care, accompanying them to treatment site, etc? (C)
- If answer is Yes, to any of the above questions, what was that persons usual activity which he/she had to stop doing, how many days of this person's time was utilized for this, and did he/she loose wages because of the time off from work. If a student, did he/she miss school?

Who (relation)	Which one			Usual activity missed	Days	Lost income	
	A	B	C			Y	N
						Y	N
						Y	N
						Y	N

Information to be added in later by research assistants (for rural areas).

63. Distance from site of injury to nearest health facility? _____
64. What type of health facility? _____

Reference

1. Mock C et al. Incidence and outcome of injury in Ghana: a community-based survey. *Bulletin of the World Health Organization*, 1999, 77:955–964.