

APPENDIX I: ETHICAL CODE OF CONDUCT

1. Introduction

1.1 The guidelines given below are applied to data collection on the study “*Economic Profile of People Living with HIV and Socio-Economic Consequences of HIV infection at Household level- a case of Pune City*”. The study upholds these principles while carrying out this study.

1.2 All the participants of the study are approached with mutual respect and confidentiality.

1.4 Participation in the study is purely voluntary, and respondents are free to back out any time during the interview.

1.3 Study realizes the sensitivity of issue concerned and the consecutive legal action.

2. General

2.1 In all circumstances this study considers the ethical implications and psychological consequences for the participants in this research. The essential principle is that the data collection for this study should be considered from the standpoint of participants of this study. All efforts must be taken to identify foreseeable threats to their psychological wellbeing, health, values or dignity and to eliminate these. In our multi-cultural and multi-ethnic society and where investigation involves individuals of different ages, gender and social background, we may not have sufficient knowledge of the implications of our study for the participants.

3. Informed consent

3.1 participants of study were well informed about the objectives of the study.

3.3 An informed consent form was administered. Before beginning the interview, it was well read out, in comprehensible manner.

3.4 No participants were pressurized to participate in this study.

4. Withdrawal from the investigation

4.1 At the onset of this study it was make plain to participants their right to withdraw from the research at any time.

5. Protection of study participants

5.1 Participants should not be exposed to emotional risk greater than in ordinary life. Study considers the possibility of mental conditions that could trigger off emotional stress during the data collection.

6. Giving advice and referrals

6.1 During the normal course of data collection, if a participant solicits advice concerning educational, health or social support, they were well informed about the same.

APPENDIX II: INFORMATION SHEET

This information sheet briefly introduces research study on economic profile of people living with HIV and socio-economic consequences of HIV infection at household level- a case of Pune city. The study is primarily a PhD research.

Purpose of the study

The study intends to collect information on economic profile of PLHIV in Pune city and socio-economic consequences of HIV infection at household level. The study will contribute towards a greater understanding problems faced by PLHIV, and in particular, the extent, pattern, and context of social implication.

Procedures of the study

All information collected is to be voluntary, anonymous, and confidential. No record will be made of your name, or other identifying details. If you agree to take part in the study, you have the right to withdraw at any time, and to request that any data the project has gathered from you be destroyed. During the interview you will be asked about your experiences, as a person living with HIV, in areas such as health, employment, education, privacy, security, freedom from inhuman treatment, family life, and self determination, via a detailed questionnaire.

Risks

Although we are taking all the necessary steps to identify and reduce any psychosocial risk in participating in this study, there is a low risk of breaches of your confidentiality. In certain circumstances a breach of confidentiality could lead to stigmatization, such as losing social status, deprivation of services, loss of job, losing family and community support, being targeted by the authorities, or pressured by authorities to disclose the status of other participants. The study considers the potential risk factor involved and take care the same.

Discomfort

There is the possibility that you may experience some emotional distress during the interview. You may decide to pause or stop the interview at any time, if necessary.

This study has a primary responsibility to protect participants from physical and mental harm.. The interview process takes approximately 45 minutes to one hour.

Benefits to participants and others

The data collected in this study will contribute towards a greater understanding of the socio-economic condition of people living with HIV at household level and economic categorization of PLHIV, AIDS-related discrimination experienced by people living with HIV, the range of discriminatory attitudes and actions and psychological and emotional wellbeing among PLHIV. Such data are essential in developing appropriate legal, social, economical, cultural, and institutional intervention to combat discrimination and human rights violations faced by people living with HIV and policies regarding welfare of PLHIV.

APPENDIX III: INFORMED CONSENT FORM

(Gokhale Institute of Politics and Economics

(University under section 3 of UGC act 1956)

Pune 411004

Title of study: “Economic profile of people living with HIV and socio-economic consequences of HIV infection at household level- a case of Pune city”

Unit of study-HIV households and individuals

CONSENT STATEMENT:

We are carrying out a study on *“Economic profile of people living with HIV/AIDS and socio-economic consequences of HIV infection at Household level-a case of Pune city”* with the help of ***Network of Maharashtra people living with HIV/AIDS (NMP+)***. It is primarily a PhD research. We would like to ask a few questions regarding your economic, educational, health status and psychological well-being. Same set of questions will be asked to each participants of study. However, the participation of household/ individual in the survey is voluntary. Even if you agree to respond these questions, you can refuse to answer any question that you do not wish to answer. Your answers will be kept confidential and only the researcher and study personnel will have access to this information. We would like to assure you that your identity would not be revealed to anyone either in any paper or in report, in the thesis, or in any other way and your name and addresses would be kept strictly confidential. Your name and address will not be mentioned anywhere. However, there is no monetary benefit of participation in the study, yet this study can be an effective way to provide information regarding actual condition and problems faced by people living with HIV/AIDS. This can help to formulate the intervention strategies at the root level that benefit the people, particularly those infected and affected by HIV/AIDS. We respect your confidentiality and understand the sensitiveness of the issue concerned.

We would very much appreciate your participation in the survey as your views are of vital importance.

Do you agree to be interviewed?

Yes.....1

No.....2

APPENDIX IV: LIST OF SYMPTOMATIC AND AIDS RELATED CONDITIONS

1. CDC Classification System: Category B Symptomatic Conditions

Category B symptomatic conditions are defined as symptomatic conditions occurring in an HIV-infected adolescent or adult that meets at least 1 of the following criteria:

- a) They are attributed to HIV infection or indicate a defect in cell-mediated immunity.
- b) They are considered to have a clinical course or management that is complicated by HIV infection.

Examples include, but are not limited to, the following:

- Bacillary angiomatosis
- Oropharyngeal candidiasis (thrush)
- Vulvovaginal candidiasis, persistent or resistant
- Pelvic inflammatory disease (PID)
- Cervical dysplasia (moderate or severe)/cervical carcinoma in situ
- Hairy leukoplakia, oral
- Idiopathic thrombocytopenic purpura
- Constitutional symptoms, such as fever ($>38.5^{\circ}\text{C}$) or diarrhea lasting >1 month
- Peripheral neuropathy
- Herpes zoster (shingles), involving ≥ 2 episodes or ≥ 1 dermatome

CDC Classification System: Category C AIDS-Indicator Conditions

- Bacterial pneumonia, recurrent (≥ 2 episodes in 12 months)
- Candidiasis of the bronchi, trachea, or lungs
- Candidiasis, esophageal
- Cervical carcinoma, invasive, confirmed by biopsy
- Coccidioidomycosis, disseminated or extrapulmonary
- Cryptococcosis, extrapulmonary
- Cryptosporidiosis, chronic intestinal (>1 -month duration)
- Cytomegalovirus disease (other than liver, spleen, or nodes)

- Encephalopathy, HIV-related
- Herpes simplex: chronic ulcers (>1-month duration), or bronchitis, pneumonitis, or esophagitis
- Histoplasmosis, disseminated or extrapulmonary
- Isosporiasis, chronic intestinal (>1-month duration)
- Kaposi sarcoma
- Lymphoma, Burkitt, immunoblastic, or primary central nervous system
- *Mycobacterium avium* complex (MAC) or *M. kansasii* , disseminated or extrapulmonary
- *Mycobacterium tuberculosis* , pulmonary or extrapulmonary
- *Mycobacterium* , other species or unidentified species, disseminated or extrapulmonary
- *Pneumocystis jiroveci* (formerly *carinii*) pneumonia (PCP)
- Progressive multifocal leukoencephalopathy (PML)
- *Salmonella* septicemia, recurrent (nontyphoid)
- Toxoplasmosis of brain
- Wasting syndrome due to HIV (involuntary weight loss >10% of baseline body weight) associated with either chronic diarrhea (≥ 2 loose stools per day ≥ 1 month) or chronic weakness and documented fever ≥ 1 month

APPENDIX V: LOGISTIC REGRESSION ANALYSIS

Let P is the estimated probability that of occurring an event.
Now the basic form of logistic function implies:

$$P = \frac{1}{1 + e^{-z}} \quad \dots (1)$$

Where z is the explained variable or a linear function of a set of explanatory variables and e is base of natural logarithm.

From (1) it follows that $1 - P = \frac{1}{1 + e^{-z}} = \frac{e^{-z}}{1 + e^{-z}} \quad \dots (2)$

Dividing (1) by (2)

$$\frac{P}{1 - P} = e^{-z} = \Omega \text{ (say)} \quad \dots (3)$$

Taking the natural logarithm both side of (3),

$$\log \frac{P}{1 - P} = Z \quad \dots (4)$$

The quantity P / (1-P) is called the odds denoted more concisely as Ω and the quantity $\log P / (1-P)$ is called the log-odds or the Logit of P

$$\text{Odds} = \frac{P}{1 - P} = \Omega \quad \dots (5)$$

$$\text{Logit } P = \log \frac{P}{1 - P} = \log \Omega \quad \dots (6)$$

Now suppose that Z is the function of set of predictor variables as is so often the case.

$$\text{So, } Z = \alpha + \beta_1 X_1 + \beta_2 X_2 + \dots + \beta_i X_i \quad \dots (7)$$

$$\text{Then, } \text{logit } P = \alpha + \beta_1 X_1 + \beta_2 X_2 + \dots + \beta_i X_i, \text{ and} \quad \dots (8)$$

$$\text{Log} \frac{P}{1 - P} = \log \Omega = \alpha + \beta_1 X_1 + \beta_2 X_2 + \dots + \beta_i X_i \quad \dots (9)$$

APPENDIX VI: PROBIT REGRESSION MODEL

Probit model is specification for an ordinal or a binary response model. This model is most often estimated using standard maximum likelihood procedure, such an estimation being called a **probit regression**.

Suppose response variable Y is *binary*, that is it can have only two possible outcomes which we will denote as 1 and 0. We also have a vector of regressors X , which are assumed to influence the outcome Y . Specifically, we assume that the model takes form

$$Pr(Y=1|X) = \Phi(X'\beta)$$

Where Pr denotes probability, Φ is the Cumulative Distribution Function (CDF) of the standard normal distribution. The parameters β are typically estimated by maximum likelihood. It is also possible to motivate the probit model as a latent variable model. Suppose there exists an auxiliary random variable.

$$Y^* = X'\beta + \varepsilon \text{ where } \varepsilon \sim N(0, 1).$$

$$Y = 1_{\{y^* > 0\}} = \{1 \text{ if } y^* > 0 \text{ i.e. } -\varepsilon < X'\beta, 0 \text{ otherwise}\}$$

Model is estimated using Maximum Likelihood Approach (MLE).

Suppose data set $\{y_i, x_i\}_{i=1, \dots, n}$, contains n independent statistical units, then the joint log likelihood function is as follow:

$$\ln \mathcal{L}(\beta) = \sum_{i=1}^n \left(y_i \ln \Phi(x_i'\beta) + (1 - y_i) \ln(1 - \Phi(x_i'\beta)) \right)$$

The estimator $\hat{\beta}$ which maximizes this function will be consistent, asymptotically normal and efficient provided that $E[XX']$ exists and is not singular. It can be shown that this log-likelihood function is globally concave in β , and therefore standard numerical algorithms for optimization will converge rapidly to the unique maximum.

Asymptotic distribution for $\hat{\beta}$ is given by

$$\sqrt{n}(\hat{\beta} - \beta) \xrightarrow{d} \mathcal{N}(0, \Omega^{-1}),$$

Where

$$\Omega = E \left[\frac{\varphi^2(X'\beta)}{\Phi(X'\beta)(1 - \Phi(X'\beta))} XX' \right], \quad \hat{\Omega} = \frac{1}{n} \sum_{i=1}^n \frac{\varphi^2(x_i'\hat{\beta})}{\Phi(x_i'\hat{\beta})(1 - \Phi(x_i'\hat{\beta}))} x_i x_i'$$

And $\varphi = \Phi'$ is the Probability Density Function (PDF) of standard normal distribution.

APPENDIX VII: ORDERED PROBIT REGRESSION MODEL

Ordered probit Specification is given as follow:

$$y_i^* = x_i \beta + e_i$$

y_i^* is unobserved response variable (latent variable), relating to i 'th individual.

Given the above modeling justification for OPR, obviously, predicted notions (y^*) are unobserved. y_i is the observed ordinal variable, takes on values 0 through 0 according to following scheme.

$$y_i = j \iff \mu_{j-1} < y_i^* \leq \mu_j \quad \text{where } j = 0 \dots m$$

We are concerned with how changes in the predictors translate into the probability of observing a particular ordinal outcome. Consider the probabilities of each ordinal outcome:

$$\begin{aligned} P [y_i = 0] &= P [\mu_{-1} < y_i^* \leq \mu_0] \\ &= P [-\infty < y_i^* \leq \mu_0], \\ &= P [y_i^* \leq \mu_0], \end{aligned}$$

Substituting from (1),

$$\begin{aligned} &= P [x_i \beta + e_i \leq \mu_0], \\ &= P [e_i \leq \mu_0 - x_i \beta], \\ &= \Phi(\mu_0 - x_i \beta); \\ P [y_i = 1] &= P [\mu_0 < y_i^* \leq \mu_1], \\ &= P [\mu_0 < x_i \beta + e_i \leq \mu_1], \\ &= P [\mu_0 - x_i \beta < e_i \leq \mu_1 - x_i \beta], \\ &= \Phi(\mu_1 - x_i \beta) - \Phi(\mu_0 - x_i \beta). \end{aligned}$$

It is straightforward to see that

$$P [y_i = 2] = \Phi(\mu_2 - x_i \beta) - \Phi(\mu_1 - x_i \beta),$$

And that generically

$$P [y_i = j] = \Phi(\mu_j - x_i \beta) - \Phi(\mu_{j-1} - x_i \beta).$$

For $j = m$ (the ‘‘highest’’ category) the generic form reduces to

$$\begin{aligned} P [y_i = m] &= \Phi(\mu_m - x_i \beta) - \Phi(\mu_{m-1} - x_i \beta), \\ &= 1 - \Phi(\mu_{m-1} - x_i \beta) \end{aligned}$$

To use MLE, log likelihood function is needed. It is done by defining an indicator variable Z_{ij} ,

which equals 1 if $y_i = j$ and 0 otherwise. The log-likelihood is simply

$$\ln L = \sum \sum Z_{ij} \ln [\Phi_{ij} - \Phi_{i,j-1}], \quad \text{where } i = 1 \dots N, j = 0 \dots m$$

Where $\Phi_{ij} = \Phi [\mu_j - x_i\beta]$ and $\Phi_{i,j-1} = \Phi[\mu_{j-1} - x_i\beta]$.

μ 's are threshold values in the OPR model, unknown and determined by maximum likelihood estimate method. y_i is the final score of self perceived notion of quality of life among people living with HIV. Note that 2 (three categories minus one) threshold values are to be estimated jointly with regression coefficients. From the two values (μ_i) we can readily estimate the probability of a PLHIV individual categorizing itself for a particular category of self perceived notion of quality of life (low, medium and high). Greene outlined this methodology. The threshold values are estimated jointly with in the mod.

APPENDIX VIII: INTERVIEW SCHEDULE

Gokhale Institute of Politics and Economics

(University under section 3 of UGC act 1956)

Pune 411004

Questionnaire for studying socio-economic impact of HIV/AIDS at micro level

Unit of study-HIV households and individuals

Consent statement:

*We are carrying out a study on “**Economic profile of people living with HIV/AIDS and socio-economic consequences of HIV/AIDS at micro level**” with the help of Network of Maharashtra people living with HIV/AIDS (NMP+). It is primarily a PhD research. We would like to ask a few questions regarding your economic, educational, health status and psychological well-being. Same set of questions will be asked to each participants of study. However, the participation of household/ individual in the survey is voluntary. Even if you agree to respond these questions, you can refuse to answer any question that you do not wish to answer. Your answers will be kept confidential and only the researcher and study personnel will have access to this information. We would like to assure you that your identity would not be revealed to anyone either in any paper or in report, in the thesis, or in any other way and your name and addresses would be kept strictly confidential. Your name and address will not be mentioned anywhere. However, there is no monetary benefit of participation in the study, yet this study can be an effective way to provide information regarding actual condition and problems faced by people living with HIV/AIDS. This can help to formulate the intervention strategies at the root level that benefit the people, particularly those infected and affected by HIV/AIDS. We respect your confidentiality and understand the sensitiveness of the issue concerned.*

We would very much appreciate your participation in the survey as your views are of vital importance.

Do you agree to be interviewed?

Yes.....1

No.....2

Respondent ID.....

Date of interview.....

Time of interview.....

Name of interviewer.....

Questionnaire for studying socio-economic impact of HIV/AIDS at household level

Part 1: Household details:

Section 1: Household characteristics

1.1	Place of interview	NPP office.....1 Residence.....2 Others (specify).....9
1.2 (a)	Type of locality	Slum.....1 Low.....2 Middle.....3 Upper middle.....4 Rich.....5
1.2 (b)	Since when are you staying at current place? (If since birth skip to Q.NO 1.3)	_____
1.2 (c)	At the time of migration, what was the place of last residence?	Rural.....1 Urban.....2 Not applicable.....3
1.2 (d)	What are the reasons to come in current location? (multiple answer possible)	Search for employment.....1 Social or family boycott.....2 To seek medical treatment.....3 Loss of land/property.....4 Reason of anonymity.....5 Asked to vacate by owner if living in rented house.....6 Not applicable.....8 Any other (specify).....9
1.3	Religion	Hindu.....1 Muslim.....2 Christian.....3 Buddhist/Neo Buddhist.....4 Others (specify).....9
1.4	Caste	SC.....1 ST.....2 OBC.....3 Others.....9
1.5	Size of household (number of family members)	_____

1.6	Type of house	Pucca.....1 Semi pucca.....2 Kutchha.....3
1.7	What is the main source of lighting in the house?	Electricity.....1 Kerosene.....2 Gas.....3 Oil.....4 Other (specify).....9
1.8	What is the main source of drinking water?	Private tap.....1 Private hand pump.....2 Public tap.....3 Public hand pump.....4 Tube well.....5 Supply tanker.....6 Well/river/pond.....7 Any other.....9
1.9 (a)	Does the household own this house or any other house?	Yes.....1 No.....2
1.9 (b)	How many rooms are there in the house?	_____
1.10	Is there any separate room, which is used as a kitchen?	Yes.....1 No.....2
1.11	Type of fuel mostly used for cooking.	Firewood.....1 Coal.....2 Kerosene.....3 LPG.....4 Cow dung.....5 Electricity.....6 Biogas.....7
1.12	Does the house have a toilet? (if 2 go to Q No 1.14)	Yes.....1 No.....2

1.13	Type of toilet	Service latrine.....1 Septic tank.....2 Flush system.....3 Any other.....8 Not applicable.....9																																																																																							
1.14 (a)	Does the household own any agriculture land? (if 2 go to Q No 1.15)	Yes.....1 No.....2																																																																																							
1.14 (b)	If yes, how much land does household own (Acres)? (write one decimal point)	_____																																																																																							
1.14 (C)	Out of this, how much is irrigated?	_____																																																																																							
1.15	Does the household own any livestock?	Yes.....1 No.....2																																																																																							
1.16	Does the household own any of the following items?	<table border="1"> <thead> <tr> <th>Items</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr><td>Fan</td><td>1</td><td>2</td></tr> <tr><td>Bicycle</td><td>1</td><td>2</td></tr> <tr><td>Radio/transistor</td><td>1</td><td>2</td></tr> <tr><td>Cooler/AC</td><td>1</td><td>2</td></tr> <tr><td>Tape recorder</td><td>1</td><td>2</td></tr> <tr><td>Television B/W</td><td>1</td><td>2</td></tr> <tr><td>Television color</td><td>1</td><td>2</td></tr> <tr><td>Refrigerator</td><td>1</td><td>2</td></tr> <tr><td>Telephone</td><td>1</td><td>2</td></tr> <tr><td>Mobile phone</td><td>1</td><td>2</td></tr> <tr><td>Washing machine</td><td>1</td><td>2</td></tr> <tr><td>Clock/watch</td><td>1</td><td>2</td></tr> <tr><td>Pressure cooker</td><td>1</td><td>2</td></tr> <tr><td>Water pump</td><td>1</td><td>2</td></tr> <tr><td>Computer</td><td>1</td><td>2</td></tr> <tr><td>Music system</td><td>1</td><td>2</td></tr> <tr><td>Car/jeep/van</td><td>1</td><td>2</td></tr> <tr><td>Bullock cart</td><td>1</td><td>2</td></tr> <tr><td>Tractor</td><td>1</td><td>2</td></tr> <tr><td>Thresher</td><td>1</td><td>2</td></tr> <tr><td>Tube well</td><td>1</td><td>2</td></tr> <tr><td>Gas</td><td>1</td><td>2</td></tr> <tr><td>Cup board</td><td>1</td><td>2</td></tr> <tr><td>Mixer</td><td>1</td><td>2</td></tr> <tr><td>Sewing machine</td><td>1</td><td>2</td></tr> <tr><td>Cot/bed</td><td>1</td><td>2</td></tr> <tr><td>Table/chair</td><td>1</td><td>2</td></tr> <tr><td>Mattress</td><td></td><td></td></tr> </tbody> </table>	Items	Yes	No	Fan	1	2	Bicycle	1	2	Radio/transistor	1	2	Cooler/AC	1	2	Tape recorder	1	2	Television B/W	1	2	Television color	1	2	Refrigerator	1	2	Telephone	1	2	Mobile phone	1	2	Washing machine	1	2	Clock/watch	1	2	Pressure cooker	1	2	Water pump	1	2	Computer	1	2	Music system	1	2	Car/jeep/van	1	2	Bullock cart	1	2	Tractor	1	2	Thresher	1	2	Tube well	1	2	Gas	1	2	Cup board	1	2	Mixer	1	2	Sewing machine	1	2	Cot/bed	1	2	Table/chair	1	2	Mattress		
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1.17	Family status	Extended family.....1 Nuclear family.....2
1.18	Is there any HIV+ member in the household?	Yes.....1 No.....2
1.19	How many members of household are living with HIV?	_____

Section 2: Demographic characteristics of household members

ID no	Age	Sex*	Relationship with the head	Marital status	Education	Occupation	Sector	Annual income	HIV status**
2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.10

* Male.....1 Female.....2 Transgender.....3
 ** HIV +ve.....1 HIV -ve.....2 Don't know.....3

Codes:

Marital status	Relationship with head	Educational status	Occupation	Sector
Married.....1	Head.....1	Non-literate.....1	Farmer/ Cultivator.....1	Agriculture and allied activities.....1
Separated/divorced.....2	Wife/husband.....2	Primary (up to 5 th).....2	Agricultural labourer.....2	Mining and quarrying.....2
Abandoned...3	Son/daughter.....3	Secondary (5 th to 10 th).....3	Construction related work.....3	Manufacturing.....3
Widowed.....4	Son-in-law/ daughter-in-law.....4	Senior secondary (10 th to 12 th).....4	Skilled/ semi-skilled/ other non agricultural labour.....4	Electricity, gas, and water.....4
Living together.....5	Grandchild.....5	Diploma (less than graduation.....5	Service (govt/pvt).....5	Construction.....5
Unmarried/ no live-in relation.....6	Parent/ parent-in-law.....6	Graduation.....6	Petty Business/small shop.....6	Trade.....6
	Brother/sister.....7	Post-graduation.....7	Large business/medium to large shop.....7	Transport, storage and communication.....7
	Brother-in-law/sister-in-law.....8		Small artisan.....8	Hotels and restaurant.....8
	Other relatives and friends.....9		Self employed/professional...9	Finance, insurance, real estate.....9
			Truck drivers/cleaner.....10	Health sector.....10
			Other transport workers.....11	Community, social and personal services.....11
			Pensioner/retired.....12	Tourism.....12
			Domestic servant.....13	Not available.....13
			Rentier.....14	Others (specify)...99
			Housewife.....15	
			Student.....16	
			Unemployed.....17	
			Others (specify).....99	

2.12	Have you ever enrolled your child in school?	Yes.....1 No.....2
2.13	Is he/she currently enrolled in school?	Yes.....1 No.....2
2.14	If yes in which school he/she is currently enrolled.	Government school.....1 Public private school.....2 Convent school.....3 Charitable school.....4 Any other (specify).....8
2.15	How much did you spend on the education of your child in the previous year?	_____ (Rs) NA*.....9999
2.16	Has the HIV status of any member of the family affected the higher education of any member?	Yes.....1 No.....2
2.17	Can you afford the higher education for your child?	Yes.....1 No.....2 Don't know.....3

NA*....not applicable

Section 3: Death in the household

3.1 Was there death of any earning (non-HIV) member in the family in the last two years?

Yes.....1

No.....2 (if 2 go to Q No 3.6)

	If yes	Person
3.2	At what age did, the person die?(in completed years)	
3.3	What was the cause of death? See code list	
3.4	Details about the employment of deceased member a. Nature of occupation {see code list} b. Sector c. How much was that person earning (per month income in Rs.) _____ d. Whether family receive any benefits like (Yes-1 No-2) PF 1 2 Gratuity 1 2 Insurance..... 1 2 Widow pension/family pension..... 1 2 Employment to any other member of family.. 1 2	
3.5	How much did you spend on funeral and other related ceremonies for one year? (In rupees)	_____

Information related to death of an AIDS patient in the household

3.6 Was there any death of any member of household due to AIDS?

Yes.....1

No.....2 (if 2 go to section 4)

	If yes	Person
3.7	No of years back this person died.	
3.8	At what age did the person die? (in completed years)	
3.9	How long were he/she suffering? (no of years)	
3.10	Was this person employed at the time of death Yes.....1 (if I got to Q No 3.12) No.....2 Never employed.....9	
3.11	If no, when did the person stop earning?	

<p>3.12 (a)</p> <p>a) Nature of occupation b) Sector c) How much was this person earning (per month in Rs) d) After his death did the family received any benefit like</p> <p style="text-align: right;">(Yes...1 No...2)</p> <p>PF 1 2 Gratuity..... 1 2 Insurance..... 1 2 Widow pension/family pension.. 1 2 Employment for another member. 1 2</p> <p>3.12 (b)</p> <p>What was the saving of the deceased? (if any) NA.....999</p>	<p>If yes, details about the last employment of the deceased</p>	
<p>3.13</p>	<p>Where did the person die?</p> <p>Hospital.....1 Home.....2</p> <p style="text-align: right;">(if 2 go to Q No 3.15)</p>	
<p>3.14 (a)</p>	<p>If the person died in the hospital, did you face any problem/discrimination at the hospital?</p> <p>Yes.....1 No.....2 NA.....9</p> <p style="text-align: right;">(if 2 go to Q No 3.16)</p>	
<p>3.14 (b)</p>	<p>If yes, what kind of discrimination? (multiple answers)</p> <p>Staff refused to lift or touch the dead body.....1 Used plastic sheet to wrap the dead body.....2 Reluctant to provide transport for the body.....3 Not willing to keep the body in the hospital or mortuary...4 Any other (specify).....8 NA.....9</p>	
<p>3.15 (a)</p> <p>3.15 (b)</p>	<p>If the death took place at home whether face discrimination</p> <p>Yes.....1 No.....2</p> <p style="text-align: right;">(if 2 go to Q No 3.16)</p> <p>If yes, what kind of discrimination? (multiple answers)</p> <p>Neighbor did not help in funeral rites..... 1 Transport facility.....2 Social boycott.....3 Any other (specify).....8 NA.....9</p>	
<p>3.16 (a)</p>	<p>Did you face any problem in cremating the body?</p> <p>Yes.....1 No.....2</p> <p style="text-align: right;">(if 2 go to Q No 3.17)</p>	

3.16 (b)	What kind of problems: (multiple answer) Transport.....1 Performing rituals.....2 Non-cooperation from cremation ground staff.....3 Social boycott.....4 Others (specify).....9	
3.17	How much did you spend on funeral and other related ceremonies for one year? (Rs)	

Section 4: Household income and expenditure

4A Total household income during the last one year (Rs)

		Source of income				Amount(Rs)
4.1	Income from agriculture and allied activities after deducting expenses on production					
4.2	Income from trade/ business/petty shops etc					
4.3	Income from self employment like artisan					
4.4	Salary income					
4.5	Wages income earned by the household members					
	ID No	Days worked	Daily income	Monthly income	Annual income	
	1.					
	2.					
	3.					
4.						
	Wage income					
4.6	Income from rent, interest, dividend etc					
4.7	Transfer income (remittance from household members living in other places)					
4.8	Any other windfall gain e.g. lottery etc					
4.9	Other income e.g. pension					
4.10	Total income from all sources					

4 B: Total household consumption expenditure

I. Expenditure on food items during last month

	Items	Total value (Rs)
4.11	Cereals Rice Wheat Coarse cereal	
4.12	Pulses	
4.13	Edible oil and vanaspati	
4.14	Milk and milk product	
4.15	Sugar	
4.16	Vegetables and fruits	
4.17	Meat, fish and egg	
4.18	Beverages (tea, coffee and cold drinks etc)	
4.19	Processed food like bread, biscuit and snacks etc	
4.20	Spices	
4.21	Other grocery items	
4.22	Total of all food items	

II. Expenditure on non-food items during the last month

		Total value (Rs)
4.23	Fuel (LPG, Kerosene, Firewood etc)	
4.24	Electricity	
4.25	House rent	
4.26	Transport (including own vehicle)	
4.27	Entertainment	
4.28	Telephone, cable TV	
4.29	Toilet articles (toothpaste, soap, detergents, shaving creams etc)	
4.30	Alcohol, Bidi/cigarette/hukka/tobacco	
4.31	Total of all items	

III. Other annual consumption expenditure during the last year (Rs)

		Total value (Rs)
4.32	Clothing	
4.33	Footwear	
4.34	Durable goods a. automobiles b. electronic appliances c. other durables e.g. furniture, utensils etc.	
4.35	Education of children	
4.36	Travel	

4.37	Repair and maintenance of house, vehicles etc.	
4.38	House tax etc.	
4.39	Other major expenditure e.g. wedding, social events etc.	
4.40	Total annual expenditure	

IV. Total annual medical expenditure

Other members		HIV positive member		
OPD	Hospitalization	Check ups	Hospitalization	ART drugs

Part 2 Details about people living with HIV/AIDS

(Respondent in the following section should be a HIV-positive adult male, female)

Section 5: Details regarding HIV/AIDS status

<p>5.1 (a)</p> <p>How did you get to know about your HIV status?</p> <p style="text-align: center;">(if 1 go to Q No 5.3) (if 2 go to Q No 5.2) (if 3-9 go to Q No 5.4)</p>	<p>Voluntary testing.....1</p> <p>After prolonged illness.....2</p> <p>While donating blood.....3</p> <p>During pregnancy.....4</p> <p>Blood test at the time of joining a job.....5</p> <p>During surgery6</p> <p>At the time of applying for VISA to go abroad.....7</p> <p>Other (specify).....9</p>
<p>5.1 (b)</p> <p>Number of years back you got to know about your HIV status.</p>	<p>Less than or equal to one year.....1</p> <p>One to five years.....2</p> <p>Five and more.....3</p>
<p>5.2</p>	<p>If prolonged illness-can you please tell, what the illness was? (see codes)</p> <p>_____</p>
<p>5.3</p> <p>If you had gone for voluntary testing, why did you choose to obtain HIV test?</p>	<p>Sickness.....1</p> <p>Health provider suggestion.....2</p> <p>Knew other with HIV.....3</p> <p>Partner infected.....4</p> <p>Due to risky behaviour.....5</p> <p>Any other (specify).....8</p> <p>NA.....9</p>
<p>5.4</p> <p>From where did you get to know about your HIV status?</p>	<p>Government hospital.....1</p> <p>VCTC/STD clinic.....2</p> <p>Private hospital.....3</p> <p>Blood donation camp.....4</p> <p>Other (specify).....9</p>
<p>5.5</p>	<p>What was the cost of testing?</p> <p>_____ (Rs)</p>
<p>5.6</p>	<p>Did you have pre and post test counseling?</p> <p>Yes.....1</p> <p>No.....2</p>

5.7	After detecting your HIV status how many times did you go for check up. (No of visits)	_____
5.8	Have you ever gone for CD4+ count after detecting HIV positive status? (if 2 go to Q No5.11)	Yes.....1 No.....2
5.9	If yes, how many times had you gone for that up to now? (no of visit)	_____ NA.....99
5.10 (a)	What is the level of CD4+ count in the last 6 months?	_____ NA.....999
5.10 (b)	Cost for the CD4+ count/ viral load	_____ NA.....999
5.11	If no, what are the reasons for not getting the CD4+ count?	
5.12	Did you seek any treatment after being diagnosed HIV+? (if 2 go to Q No 5.14)	Yes.....1 No.....2
5.13	If yes a) What kind of treatment..... b) From whom you sought that treatment..... c) What was the cost for that treatment?..... d) Are you continuing with that treatment?	}NA.....9 }NA.....9 Yes.....1 No.....2
5.14 (a)	Had you heard about the HIV/AIDS before you were detected HIV positive?	Yes.....1 No.....2
5.14 (b)	What had you heard about the HIV/AIDS <i>i.e.</i> how HIV infection is transmitted?	Sexual intercourse-heterosexual.....1 Sexual intercourse-homosexual.....2 Sharing needles.....3 Through blood transfusion.....4 From mother to infant at the time of pregnancy, at the time of delivery, through the breast feeding.....5 Through the casual contact with the person infected.....6 Any other (specify).....8

5.14 (c)	Do you think precautions should be taken to avoid transmission of infection? (if 2 go to Q No 5.16)	Yes.....1 No.....2
5.15	What precautions you have taken so far to avoid transmission of infection to others (spouses, casual partners etc) (multiple answers)	Abstain from having sex.....1 Started using condom continuously.....2 Stopped sharing needle.....3 Stopped donating blood.....4 Decided not to have child.....5 Used AZT/Nevropine during pregnancy/ no breastfeeding/ AZT to infant.....6 No precaution taken.....7 Any other (specify).....8 NA.....9
5.16	Do you think your behaviour was risky in the recent past? (if 2 go to Q No 5.18)	Yes.....1 No.....2 NA.....9
5.17	If yes, how long did it take you to change that behaviour?	Less than or equal to one year.....1 More than one year.....2 NA.....9

Stigma and discrimination in the family and at community level

5.18	What was your initial reaction to your positive HIV status? (multiple answers)	Shocked.....1 Embarrassed.....2 Couldn't believe.....3 Become isolated.....4 Didn't want to face the family5 Others if any specify.....9
5.19	Have you disclosed your HIV status to your family members or relatives or friends? (if 2 go to Q No 5.22)	Yes.....1 No.....2
5.20	If yes, to whom? (multiple answer)	Spouse.....1 Parents.....2 Brother/sister.....3 Close friends.....4 Co-workers.....5 Neighbour.....6 Others (specify).....8 NA.....9
5.21	How long did it take you to disclose your status?	Immediately after diagnosis..... 1 Less than or equal to one year.....2 More than one year.....3 NA.....9

5.22	If no, what are the reasons for not disclosing your HIV status?	Stigma and discrimination.....1 Rejection and social boycott.....2 Others if any specify.....8 NA.....9
5.23	If unmarried, do you intend to get married?	Yes.....1 No.....2 NA.....9
5.24	What was the initial reaction of the person to whom you disclose your HIV status? (multiple answers)	Shocked.....1 Denied/ disappointed.....2 Angry.....3 Embarrassed.....4 Non-supportive.....5 Not disclosed to any one.....6 Any other (specify).....8 NA.....9
5.25	Now, what is the attitude of person towards you? (multiple answers)	Neglected/ isolated/ avoided.....1 Verbally/physically teased.....2 deprived of using basic amenities.....3 Denied of property share.....4 Asked to leave home.....5 All are supportive.....6 Family is not but spouse is supportive..7 Initial hesitation but then supportive...8 NA.....9
5.26	Did your family accept you? (if 2 go to Q No 5.28)	Yes.....1 No.....2
5.27	If yes, how long did they take to accept?	Immediately.....1 Less than/ equal to one year.....2 More than one year.....3 NA.....9
5.28	Apart from you, are there other family members who are HIV positive? (if 2 go to Q No 5.30)	Yes.....1 No.....2
5.29	If yes, who are they?	Spouse.....1 sibling.....2 Children.....3 age..... sex m/f Others (specify).....9

Stigma at the community level in the neighborhood

5.30	Have you faced stigma/ discrimination at community level in the neighborhood? (if 2 go to Q No 5.32 and if 3 go to 5.34)	Yes.....1 No.....2 Status not know to others.....3
5.31	If yes, please mention any three instances when you had faced discrimination?	1. 2. 3.
5.32	Has your HIV status affected the marriage prospects of your sister/brother?	Yes.....1 No.....2 HIV status not known to others.....3 NA.....9
5.33	Has your HIV status affected the job prospects of other family members?	Yes.....1 No.....2 Status not known to other.....3 NA.....9
5.34	Have you joined any care and support group? (if 2 go to section 6)	Yes.....1 No.....2
5.35	If yes, what kind of support are you getting?	1. 2. 3.

Section 6: Impact of HIV/AIDS on employment

6.1	Are you currently working? (if 2 go to Q No 6.3)	Yes.....1 No.....2
6.2	If yes, Occupation..... {See code list} Sector..... Average monthly income	}NA.....9 _____(Rs) NA.....9999
6.3	Were you working before detecting HIV status? (if 2 go to Q No 6.7)	Yes.....1 No.....2
6.4	If Yes, Occupation..... Sector..... {See code list} Average monthly Income drawn	}NA.....9 _____(Rs) NA.....9999

6.5	Reason for leaving earlier job?	Too ill to work.....1 Dismissed from work.....2 Took voluntary retirement.....3 Reason of anonymity.....4 Discriminated at work.....5 Any other specify.....8 NA.....9
6.6 (a)	Did you receive any benefit at the time of leaving the job?	Yes.....1 No.....2 NA.....9
6.6 (b)	Total amount received in rupees.	_____ (Rs)
6.7	How many times did you change your job after being tested HIV?	_____ NA.....999
6.8	In current work place, have you disclosed your HIV+ status? (if 1 go to Q No 6.10)	Yes.....1 No.....2
6.9	If no, what is the reason for not disclosing HIV status? (multiple answers)	Social discrimination and isolation.....1 Lowered prestige.....2 Fear of job loss.....3 Any other specify.....8
6.10	If yes, are you facing any discrimination at workplace? (if 2 go to Q No 6.13)	Yes.....1 No.....2
6.11	If yes, how were you discriminated?	Promotion denied.....1 Forced to take-up voluntary retirement.....2 Fringe benefits were not given.....3 Being forced to resign.....4 Poor access to shared facilities e.g. canteen, toilets etc.....5 Others.....8 NA.....9

6.12	What is the attitude of co-workers at workplace? (multiple answers)	Neglected, isolated, avoided.....1 Verbally abused, teased.....2 Labeling and name calling.....3 Was looked after well and supportive.....4 Other (specify).....8 NA.....9
6.13	Are you getting any kind of support from your employer? (if 2 go to Q No 6.15)	Yes.....1 No.....2
6.14	If yes, specify the form of support?	Reimbursement of medical expenditure.....1 Paid leave.....2 Group Insurance.....3 Flexibility in work hours.....4 Others (specify).....8 NA.....9
6.15	If no supports of employer how do, you cope with the increased expenditure on medicine, maintenance.	Use past saving.....1 Borrow from others.....2 Mortgage assets.....3 Sale assets/durables.....4 NGO support.....5 Other specify.....8 NA.....9
6.16	How many days were you absent from work or unable to work in the last one year due to illness? (No of days/ months)	_____ NA.....999
6.17	Did you lose wages/income due to leave/absence in that period? (if 2 go to Q No 6.19)	Yes1 No.....2 NA.....9
6.18 (a)	If Yes how much wage/income did you, lose	_____(Rs) NA.....9999
6.18 (b)	Fringe benefits lost	_____(Rs) NA.....9999

6.19	If self employed (small business, petty shops, Artisan, Agricultural household) in your absence, how was the work managed?	Other family members.....1 Hired labourers.....2 Both.....3 None.....4 NA.....9
6.20	If you have hired laborers, how much did you spend on them?	_____ (Rs) NA.....9999

Section 7: Impact of HIV/AIDS on the health status and expenditure thereon

i. Non hospitalized illness

7.1	How many times did you fall ill in the last year for which you were not hospitalized? (If no non hosp. illness go to next section)	Frequently ill.....97 Continuously ill.....98 NA.....99
7.2	Nature of illness (major one) (see codes) No of days ill	_____ _____
7.3	Did you seek any treatment? (if 1 go to Q No 7.5)	Yes.....1 No.....2 NA.....9
7.4	If no, reason for not seeking treatment.....	NA.....9
7.5	If treatment is sought: A) Source of treatment (see codes) B) Duration of treatment C) No. of days bedridden D) No. of days not going to work	
7.6	Expenditure incurred (Rs) a) Fees and medicines b) Clinical tests c) Transport cost d) Bribes and tips e) Fruits and increased nutritious diet	
7.7	Total expenditure incurred	

ii. Hospitalized illness episodes

7.8	Were you ever hospitalized after you were detected HIV positive? (if 2 go to Q No 7.18)	Yes.....1 No.....2
7.9	If yes, how many times you were hospitalized? No of times.....	
7.10	Were you hospitalized in the last one year? (if 2 go to Q No 7.12)	Yes.....1 No.....2
7.11	If yes, number of times hospitalized in the last one year	_____

Details of hospitalized illness:

	Details	Episode 1	Episode 2
7.12	Nature of illness (see codes)		
7.13	No. of days hospitalized (if currently hospitalized-99)		
7.14	Sources of treatment (see codes)		
7.15	Expenditure incurred (Rs) a. Room rent b. Medical expenditure c. Clinical test d. Surgery e. Transport cost f. Bribe and tips g. Diet/lodging for caregivers		
7.16	Total expenditure (Rs)		

Codes:

Reason for no treatment	Sources of finance	Sources of treatment
Illness not considered serious.....1	past saving.....1	SC/PHC/CHC.....1
No medical facility nearby.....2	employer reimburse.....2	Government hospital.....2
No doctor was willing to treat.....3	medical insurance.....3	Charitable institution/NGO.....3
Financial constraints.....4	liquidation of assets.....4	Private doctor.....4
Lack of time/long waiting.....5	loan from employer.....5	Private hospital/nursing home...5
No cooperation from family.....6	NGO support.....6	Home remedy.....6
Any other (specify).....9	Borrow from moneylender/relatives.....7	Chemist shop.....7
	Any other.....9	Faith healer/religious person.....8
		Any other (specify).....9

7.17	Sources of financing hospitalization (See codes)	
7.18	Did you undergo any surgery after you were diagnosed HIV+ (if 2 go to Q No 7.21)	Yes.....1 No.....2

7.19	If yes, were you charged extra for AIDS kit and fumigating OT used for your surgery? (if 2 go to Q No 7.21)	Yes.....1 No.....2 NA.....9
7.20	If yes, how much did you pay	_____ (Rs) NA.....999
7.21	Are you taking ARV on the regular basis? (if 2 go to Q No 7.24)	Yes.....1 No.....2
7.22	If yes sources of obtaining ARV (see code)	NA.....9
7.23(a)	Total amount spent per month on ARV	_____ (Rs)
7.23(b)	How long you are on the ARV. (years/ months)	_____
7.24	If no what is the reason for not taking ARV?	Can't afford to buy that.....1 Side affects of ARV.....2 Any other (specify).....8 NA.....9
7.25	Are you taking any other medicine on the regular basis?	Yes.....1 No.....2
7.26(a)	If yes, how much are you spending per month	_____ (Rs)
7.26(b)	How long you are taking that medication. (years/months)	_____
7.27	Have you been advised to take nutritious diet to improve your health condition?	Yes.....1 No.....2
7.28(a)	If yes, how much are you spending on these additional food items per month	_____ (Rs)
7.28(b)	How long you are spending additional amount on additional nutritional food items. (years/months)	_____

iii. Discrimination at health facilities

7.29	Have you ever been discriminated at a health facility? (if 2 go to section 8)	Yes.....1 No.....2
7.30	If yes, where were you discriminated?	PHC/CHC.....1 Government hospital.....2 Private doctor.....3 Private hospital.....4 Any other (specify).....9
7.31	In what way were you discriminated?	Neglected/isolated.....1 Verbally abused, teased.....2 Physically abused.....3 Refused medical treatment.....4 Referred to an other health facility.....5 Poor access to facilities like toilets and common eating and drinking utensils....6 Unnecessary use of protective gown, mask by healthcare staff.....7 Excuses given for non admission.....8 Doctor, nurse didn't touch.....9 Any other (specify).....99
7.32	What was the attitude of other patients towards you?	Isolated/avoided.....1 Verbally abused, teased.....2 Labeling, name calling.....3 Physically abused.....4 Refused to seek treatment with the HIV+ person.....5 Status not known to other.....6 Not discriminated.....7 Others (specify).....9
7.33	Were you ever denied admission in a health facility?	Yes.....1 No.....2

Section 8A: Coping up strategies and bearing HIV/AIDS economic burden

8.1 (a)	How are you coping with the additional expenditure/loss of income? (multiple answer possible)	Use past saving.....1 Employer reimburses.....2 Medical insurance.....3 Mortgage assets.....4 Liquidation of assets/durable goods/livestock...5 Loan from employer of other family members.....6 Borrow from friends and relatives.....7 Borrow from money lender and other financial institution.....8 NGO support.....9 Support from extended families.....10 Any other specify).....99
8.1 (b)	What additional responsibilities are taken up by other family members of the infected to cope up with the additional expenditure /loss of income/burden of work? (Multiple answer possible)	Wife had to take up job in order to support the family.....1 Children had to take up job in order to support the family.....2 Had to take up additional job in order to support the family.....3 NA.....4 Any other (specify).....9
8.2	Have you taken any medical insurance? (if 2 go to Q No 8.4)	Yes.....1 No.....2 Discontinued.....3
8.3	If yes, what is the insurance cover?	_____ (Rs) NA.....999
8.4	Are you holding any life insurance policy?	Yes.....1 No.....2 Discontinued.....3
8.5	Are you getting any kind of pension?	Yes.....1 No.....2
8.6	If yes, what type of pension?	Widow pension.....1 family pension.....2 from the previous employment.....3
8.7	Have you ever been denied any loan facility?	Yes.....1 No.....2

8.8	If yes what type of loan?	Housing loan from banks.....1 Loan from employer.....2 Education loan for children.....3 Agricultural loan from rural banks/cooperative societies.....4 Kisan Credit Card.....5 Car/scooter.....6 Any other (specify).....9
8.9	Have you made any arrangement (financial or otherwise) for the future of your child/children?	Yes.....1 No.....2 NA.....3
8.10	If yes, what kind of arrangement you have made so far?	

8B: Information on caregiver

8.11	Do you need anyone to take care of you? (if 2 go to section 10 if patient is a women otherwise to section 9)	Yes.....1 No.....2
8.12	If yes, since when (No of months)	_____ NA.....99
8.13	Who is the prime caregiver?	Spouse.....1 Children.....2 Parents.....3 other relatives.....4 hospital staff.....5 care & support centre.....6 others (specify).....9
8.14	Are you satisfied with the care given by them?	Satisfied.....1 Somewhat satisfied.....2 Not satisfied.....3

If the caregiver is a member of household then ask the following details

8.15	Is the caregiver employed? (if 2 go to Q No 8.19)	Yes.....1 No.....2
8.16	If yes, write the occupation (see codes)	Yes.....1 No.....2

8.17	Did the caregiver lose any income due to the absence from work? (if 2 go to Q No 8.19)	Yes.....1 No.....2
8.18	If yes, how much income lost?	_____ (Rs)
8.19	Whether was he/she employed before? (if 2 go to Q No 8.23)	Yes.....1 No.....2
8.20	If yes, what was his/her occupation (See codes)	_____
8.21	How much was he/she earning per month?	_____ (Rs)
8.22	Did he/she give up job to take care of HIV/AIDS patient in family?	Yes.....1 No.....2
8.23	If the caregiver is some one from outside i.e. not from the household, whether some amount is paid for that?	Yes.....1 No.....2
8.24	If yes, what amount of money is paid for that per month?	_____ (Rs)

Section 9: Questions specifically to be asked from HIV positive woman in the household

9.1	Are you married? (if 2 go to section 10)	Yes.....1 No.....2
9.2	If yes, with whom are you living?	only husband.....1 husband and his family.....2 your parents.....3 alone.....4 other relatives and friends.....5 care and support home.....6 others (specify).....9
9.3	If you are not living with your husband and his family, when did you stop living with them?	After husband was tested positive.....1 after I was tested positive.....2 after husband's death.....3
9.4	Are you getting any financial support from your in laws?	Yes1 No.....2
9.5	If the husband died, were you denied share in his family property?	Yes.....1 No.....2

9.6	After you were detected HIV-positive, did you ever have?	an abortion.....1 delivery.....2 both.....3 currently pregnant.....4 NA.....8
9.7	Were you ever discriminated by health care staff at the time of pregnancy?	Yes.....1 No.....2
9.8	Give three instances in which you were discriminated at health care centre, family.	1. 2. 3.

Section 10: Impact on the quality of life

Instructions:

The following questions ask how you feel about your quality of life, health, or other areas of your life. I will read out each question to you, along with the response options. **Please choose the answer that appears most appropriate.** If you are unsure, about which response to give to a question, the first response you think of is often the best one.

Please keep in mind your standards, hopes, pleasures and concerns. We ask that you think about your life **in the last two weeks.**

10.1	How would you rate your quality of life? *	
<p>*1- Very poor 2- poor 3- neither poor nor good 4- good 5- very good</p>		

10.2	How satisfied are you with your health? **	
<p>**1-Very dissatisfied 2-dissatisfied 3 neither satisfied nor dissatisfied 4-satisfied 5-very satisfied</p>		

The following questions ask about **how much** you have experienced certain things in the **last two weeks.**

10.3	To what extent do you feel that physical pain prevents you from doing what you need to do? ***	
10.4	How much are you bothered by any physical problems related to your HIV infection? ***	
10.5	How much do you need any medical treatment to function in your daily life? ***	
10.6	How much do you enjoy life? ***	
10.7	To what extent do you feel your life to be meaningful***	
10.8	To what extent are you bothered by people blaming you for your HIV status***	
10.9	How much do you fear the future***	
10.10	How much do you worry about death***	
10.11	How well are you able to concentrate? ***	
10.12	How safe do you feel in your daily life? ***	
10.13	How healthy is your physical environment? ***	
<p>*** 1-Not at all 2- a little 3-a moderate 4-very much 5-extremely</p>		

The following questions ask about how completely you experience or were able to do certain things in the last two weeks.

10.14	Do you have enough energy for everyday life? #	
10.15	Are you able to accept your bodily appearance? #	
10.16	Have you enough money to meet your needs? #	
10.17	To what extent do you feel accepted by the people you know#	
10.18	How available to you is the information that you need in your day-to-day life? #	
10.19	To what extent do you have the opportunity for leisure activities? #	
# 1-Not at all 2-a little 3-moderately 4-very much 5-extremely		
10.20	How well are you able to get around? \$	

\$1- Very poor **2-poor** **3- neither poor nor good** **4-good** **5-very good**

The following questions ask you how **good or satisfied** you have felt about various aspects of your life over the last two weeks.

10.21	How satisfied are you with your sleep? ##	
10.22	How satisfied are you with your ability to perform your daily living activities? ##	
10.23	How satisfied are you with your capacity for work? ##	
10.24	How satisfied are you with yourself? ##	
10.25	How satisfied are you with your personal relationships? ##	
10.26	How satisfied are you with your sex life? ##	
10.27	How satisfied are you with the support you get from your friends? ##	
10.28	How satisfied are you with the conditions of your living place? ##	
10.29	How satisfied are you with your access to health services? ##	
10.30	How satisfied are you with your transport? ##	

1- very dissatisfied **2-dissatisfied** **3- neither satisfied nor dissatisfied** **4- satisfied** **5- very satisfied**

The following question refers to how often you have felt or experienced certain things in the last two weeks

10.31	How often do you have negative feelings such as blue mood, despair, anxiety, depression? @	
@ 1-Never 2-seldom 3-quite often 4-very often 5-always		

Do you have any comments about the assessment?

**We are highly grateful to you for your kind co-operation and making the study valuable.
Thanking you for your help.**

Code list:

(Codes for nature of illness/causes of death)

1. Common cold, nose and throat discomfort (running nose, sore throat, tonsillitis etc) pneumonia, bronchitis, whooping cough, respiratory infection.
2. Malaria.
3. Fever.
4. Headache, body ache etc.
5. Weakness, dizziness/anemia etc.
6. Loose motion with/without vomiting, diarrhea, dysentery, vomiting, chronic ameobiosis, and Guinea worm.
7. Stomach problems without loose motion: indigestion, gas, acidity, constipation, and ulcer.
8. Cholera and acute gastroenteritis.
9. Typhoid
10. Jaundice/cirrohosis of liver/liver related problems.
11. Eye problems.
12. Ear problems.
13. T.B (Tuberculosis)
14. Measles, chicken pox, mums.
15. Skin disease/ infections (eczema, ringworm, boils abscess, skin itching).
16. Leprosy.
17. Urinary/genital infection, burning sensation while urinating, urinary tract infection, enlarged prostate gland.
18. Disease of kidney/stone in the bladder.
19. Gynecological problem (irregular and painful menstruation, excess bleeding, white discharge-leucorrhea etc)

20. Aches and pains-arthritis, spondolysis, rheumatism, other disorders of bones.
21. Breathing problems/ breathlessness/asthma.
22. Diabetes.
23. High/low blood pressure.
24. Disease related to pregnancy and childbirth.
25. Diseases of nerves, cerebral stroke.
26. Disease of mouth, teeth and gum.
27. Polio.
28. Tetanus, diphtheria.
29. Filarial (elephantiasis)
30. Meningitis and viral encephalitis.
31. Epilepsy/convulsions/fits.
32. Heart problems.
33. Cancer.
34. Toxoplasmosis stroke.
35. Mental, psychological problems.
36. Dog bite/snake bite/insect bite etc.
37. Sexually transmitted disease (STD).
38. Old age problems including loss of memory etc.
99. If any other (specify).