

Annexure A: Household Surveys

Maps were obtained for Emfuleni and a sample stratification was designed on account of the geographical distribution and concentration of people in Emfuleni. Emfuleni was divided into the different areas and extensions and the questionnaires were apportioned evenly among the inhabited sites. Plots/sites at which field workers were supposed to complete questionnaires were identified individually from the map before the field workers went out. However, where people could not be obtained for an interview, or where it was impossible to trace the house, a next pre-selected household was interviewed. Information was obtained from the breadwinner or the spouse.

A total of about 350 households were interviewed. Almost all the households approached were willing to partake in the surveys. Experience in previous surveys conducted by the Employment Research Unit (ERU), VRG and other institutions (e.g. Bureau of Market Research) has shown that samples of this size with a low refusal rate supply statistically reliable data within reasonable limits (Levin 1985: 2).

An example of the format of the questionnaires used in the surveys is given below:

HOUSEHOLD QUESTIONNAIRE

N.B.: The information in this questionnaire will be treated in strict confidence.

Suburb:	Section/Zone:	Date:	Questionnaire no:
Street:	House number:	Interviewer:	

Please note that the Head of the Household should preferably answer this questionnaire.

A: BACKGROUND INFORMATION

1. What is the position of the respondent in the Household? Cross *

Head of household	Other member of household	Extended Family member	Boarder
-------------------	---------------------------	------------------------	---------

2. How many housing Units are on the site?

3. How many people stay permanently on the site?

4. How long have you (respondent) stayed in the Vaal Triangle (years)?

5. Before moving to the Vaal Triangle, where did you stay? *

1. Born in the Vaal Triangle	2. In a town(ship) in the Free State / Gauteng / North W	3. On a Farm in the Free State / Gauteng / NW	4. In a town(ship) in another province	5. On a Farm in another province
------------------------------	--	---	--	----------------------------------

6. What was your main reason for moving to the Vaal Triangle? (Combination) *

1. Seeking a better life / job	2. Had to leave the farm	3. Followed family	4. Low cost housing	5. Other, explain:
--------------------------------	--------------------------	--------------------	---------------------	--------------------

B: ENVIRONMENTAL

7. How do you feel about the environment in which you stay? (Mark 2 options) *

1. It is clean and pleasant	2. It is polluted, untidy and dirty	3. Indifferent – No opinion	4. Something should be done to clean it	5. It can be left as it is
-----------------------------	-------------------------------------	-----------------------------	---	----------------------------

8. If you feel it should be cleaned up, who should take the initiative and responsibility? (* More)

1. The Municipality	2. A street Committee	3. Every person should be made responsible	4. A campaign should be organised	5. Other: (explain)
---------------------	-----------------------	--	-----------------------------------	---------------------

9. If you would have the money, what would you be prepared to pay monthly to live in a clean environment?

10. Has any person in your household been a victim of crime in the last 12 months?

11. What kind of crime? (Can mark * more than one option)

1. Assault	2. Robbery	3. Rape	4. Murder	5. Abduction	6. Other
------------	------------	---------	-----------	--------------	----------

12. How do you experience, especially in winter, the smoke levels (air pollution) in your area? *

1. Not affected	2. Slightly affected	3. Affected	4. Badly affected	5. Unbearable (Severely Affected)
-----------------	----------------------	-------------	-------------------	-----------------------------------

13. If you are making fire for cooking & heating purposes, would you like to be introduced to technologies that will reduce the smoke levels at your house? *

1. Not making fire: using electricity for cooking &	2. Making coal / wood fire: but Not interested	3. Making coal / wood fire: And Interested	4. Using paraffin: Not interested	5. Using paraffin: Interested
---	--	--	-----------------------------------	-------------------------------

heating				
---------	--	--	--	--

14. If you would have the money, what would you be prepared to pay monthly to live in a smoke-free environment?

15. It is known that the burning of plastics & tyres had serious toxic & polluting effects. In order to restrict such pollution, do you think people who do that should be given a fine? *

16. Especially in the spring & summer some people are using amplifiers to make loud music. How are you affected by this in your area? *

1. Not affected (quiet in the area)	2. I hear it but I don't care (accepting it)	3. I hear it and it is affecting me (don't like it)	4. I hear it and I am badly affected	5. I hear it and it is unbearable (severely affected)
-------------------------------------	--	---	--------------------------------------	---

17. If you feel that something should be done in your area to reduce the noise levels, who should be responsible and what should be done? (Mark * more than one option)

1. The Municipality should control & restrict people to play loud music	2. The police should control & restrict people to play loud music	3. A street committee should control & restrict people to play loud music	4. People who disturb the neighbourhood with noise should be fined / punished	5. The instruments of those who disturb the neighbourhood should be confiscated
---	---	---	---	---

18. If you would have the money, what would you be prepared to pay monthly to live in a quiet environment?

C: CONSUMPTION

19. How much of the following items do you buy per week & about how much do you spend on these items per week?

Product	Kilograms / litres per week	Rand per week	Town ✓	Township ✓
1. Maize Meal				
2. Bread				
3. Meat / chicken				
4. Vegetables				
5. Milk				
6. Washing powder				
7. Coal				
8. Paraffin				

20. How does your household spend your income monthly?

Item	Rand per month	Name of Shop	Town x	Township x
Housing				
Water				
Electricity				
Other energy (coal, paraffin etc.				

Food				
Cleaning materials				
Cigarettes & Tobacco				
Beer, wine & spirits				
Transport				
Clothing				
School				
Entertainment				
Medical Expenses				
Investment / Insurance				
Gambling: Lotto Casino				
Savings				
Licenses e.g. TV, Vehicle				
Rates and Taxes				
Property tax				
Income tax				
Housekeeping services				
Telephone / Cell				
Car Payment				
Loans				
Furniture				
Other				

21. Complete in respect of all members of the household (Refer to Code List)

1. Number of people in the household						
2. Composition of members (Father, Mother, Son etc)						
3. Age of each member in years						
4. Sex (Male = 1; female = 2)						
5. Marital Status						
6. Qualifications (still at school)						
7. Qualifications (not at school)						

8. Employment Status						
9. Sector of employment						
10. Duration of employment /unemployment in years						
11. Preparedness for Skills Training Unemployed & Underemployed						
12. Sector in which person would like to get Skills Training						
13. What the Unemployed doing presently						
14. Minimum wage expected (unemployed)						
15. Wages/salaries per month (Take home pay)						
16. Pension/Remittance						
17. Grant from Government for children						
18. Help (family/relatives/etc)						
19. Informal activities (eg. SMME)						
20. Subsidies (eg. Housing)						
21. Interest/dividends						
22. Other (Specify)						

E: OWNERSHIP & WEALTH**22. How many of the following items does your household own?**

	NUMBER	CODE
Motor vehicle, including cars and bakkies		1
Bicycles		2
Radio		3
Electric Stove		4
Gas Stove		5
DVD, Video recorder, TV		6
Fridge		7
Electric Geyser (Hot water)		9

Annexure B: Economic activities

The 10 economic sectors represent an international grouping of economic activities. The activities referred to in the study are defined as below. The main categories of the South African Standard Classification of all Economic Activities (SIC) of 1993 (CSS 1993) are utilised for this purpose.

1. AGRICULTURE

This sector includes the following:

- Agriculture, hunting and related services
- Growing of crops, market gardening, horticulture
- Farming of animals
- Production of organic fertiliser

2. MINING (Mining and quarrying)

This sector includes the following:

- Mining of coal and lignite
- Extraction of crude petroleum and natural gas, service activities incidental to oil and gas extraction, excluding surveying
- Mining of metal ores, except gold and uranium
- Other mining and quarrying
- Stone quarrying, clay and sand-pits
- Service activities incidental to mining of minerals

3. MANUFACTURING

This sector includes the manufacturing of the following:

- Food products, beverages and tobacco products

- Textiles, clothing and leather goods
- Wood and cork products (except furniture), straw and painting materials, paper and paper products, publishing, printing and reproduction of recorded media
- Coke, refined petroleum and nuclear fuel products, chemicals and chemical products, rubber and plastic products
- Other non-metallic mineral products
- Basic metals, fabricated metal products, machinery and equipment, office/ accounting and computing machinery
- Electrical machinery and apparatus, not elsewhere classified
- Radio, television and communication equipment, medical, precision and optical instruments, watches and clocks
- Transport equipment
- Furniture, recycling, manufacturing not elsewhere classified

4. ELECTRICITY/ GAS AND WATER

This sector includes the following:

- Electricity, gas, steam and hot water supply
- Collection, purification and distribution of water

5. CONSTRUCTION

This sector includes the following:

- Site preparation
- Building complete constructions or parts thereof, civil engineering
- Building installation

6. TRADE (wholesalers and retailers)

This sector includes the following:

- Wholesale and commission trade, except motor vehicles and motorcycles
- Retail trade, except motor vehicles and motorcycles, repair of personal household goods
- Sales, maintenance and repair of motor vehicles/ motor cycles, retail trade in automotive fuel

7. TRANSPORT

This sector includes the following:

- Land and via pipeline transport
- Water
- Air
- Supporting and auxiliary activities, travel agencies
- Post and telecommunications

8. FINANCING

This sector includes the following:

- Financial intermediation, except insurance and pension funding
- Insurance and pension funding, except compulsory social security
- Activities auxiliary to financial intermediation
- Real estate activities
- Rental of machinery and equipment, without operator, personal and household goods
- Computer and related activities
- Research and development

- Other business activities

9. SERVICES

This sector includes the following:

- Public administration and defence activities
- Education
- Health and social work
- Other community, social and personal service activities
- Membership organisations, not elsewhere classified
- Other service activities

10. TOURISM AND ENTERTAINMENT

This sector includes the following:

- Hotels and restaurants
- Recreational, cultural and sporting activities
- Parks and other organisations, not included elsewhere