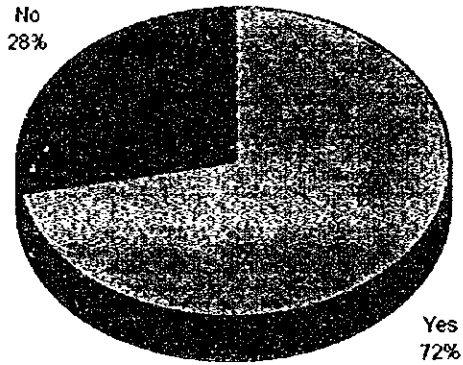


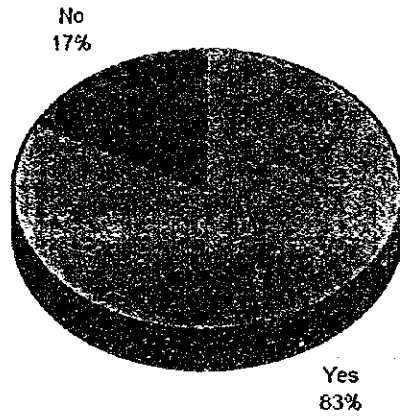
Question 5 -1Would you cooperate with the new system?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	72%	83%	82%	76%
No	28%	17%	18%	24%

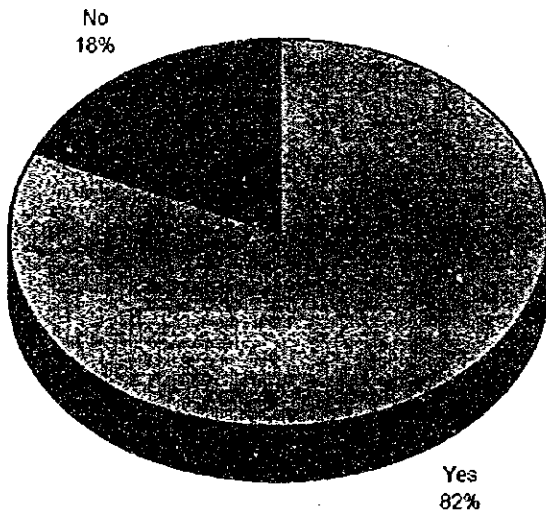
Urban



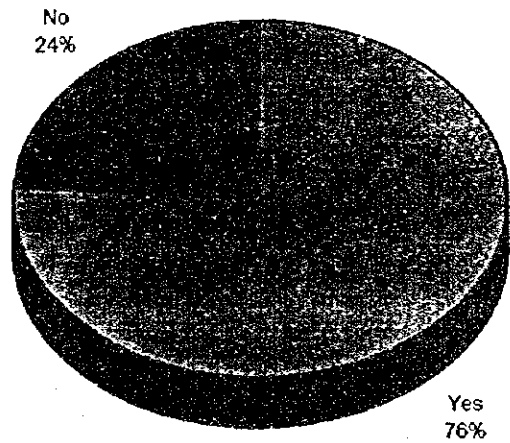
Semi-Urban Planned



Semi-Urban Unplanned



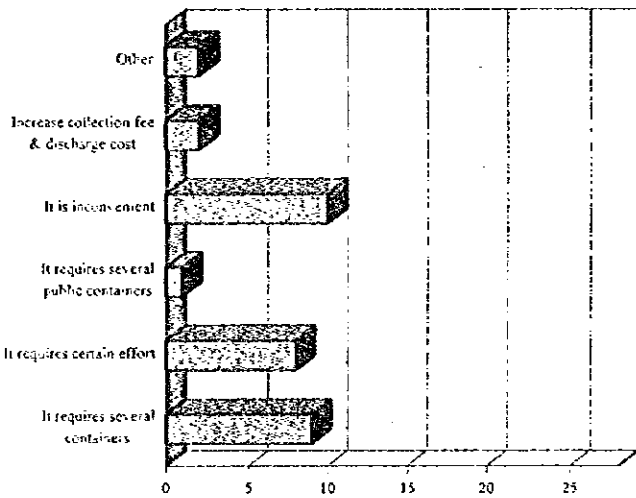
Rural



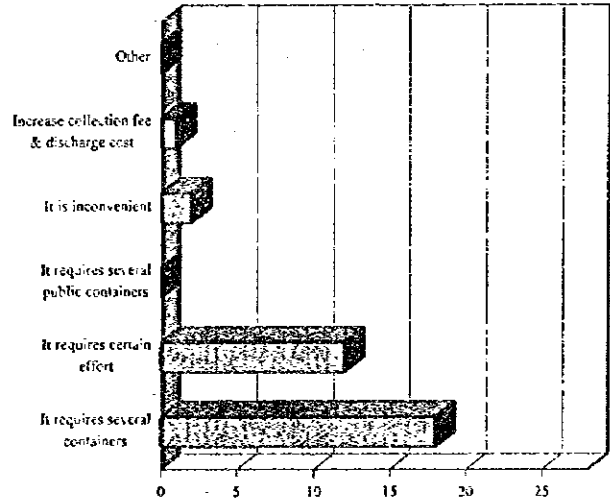
Question 5 - 2 What are the reasons (If No to Q 5-1)

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
It requires several containers	9	18	27	6
It requires certain effort	8	12	10	3
It requires several public containers	1	0	6	1
It is inconvenient	10	2	25	7
Increase collection fee & discharge cost	2	1	5	1
Other	2	0	0	1

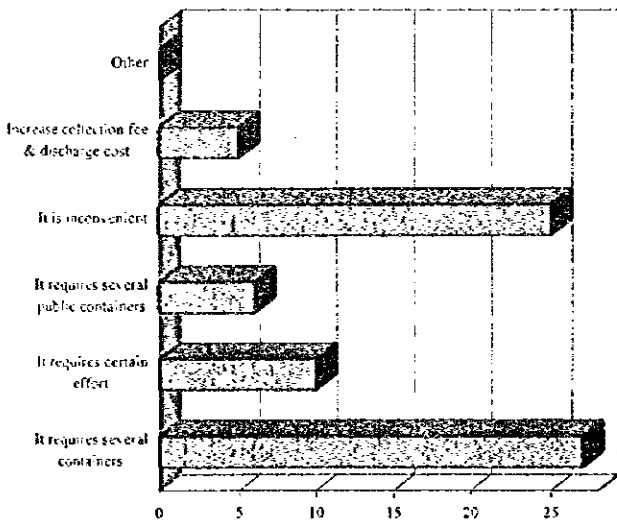
Urban



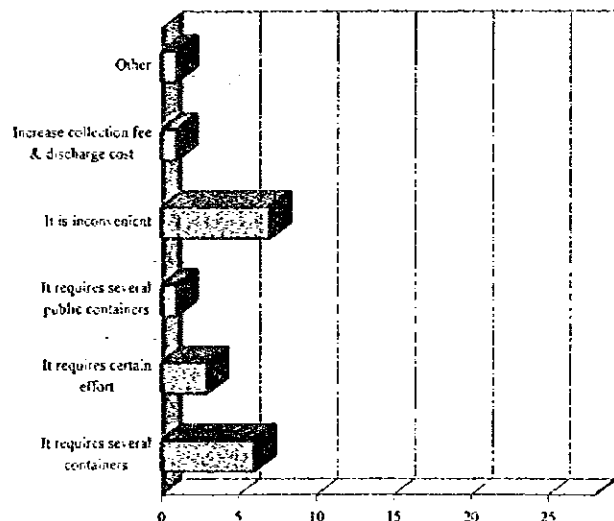
Semi-Urban Planned



Semi-Urban Unplanned



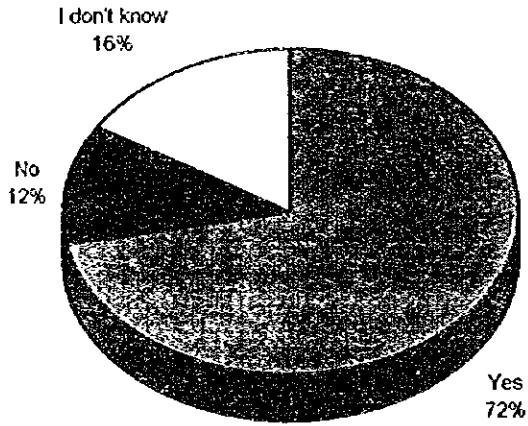
Rural



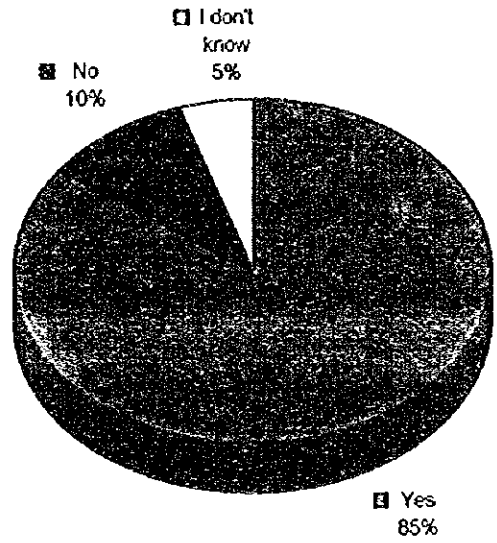
Question 5 - 3 Resource recovery from wastes & recycling necessary?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	72%	85%	79%	90%
No	12%	10%	13%	2%
I don't know	16%	5%	8%	8%

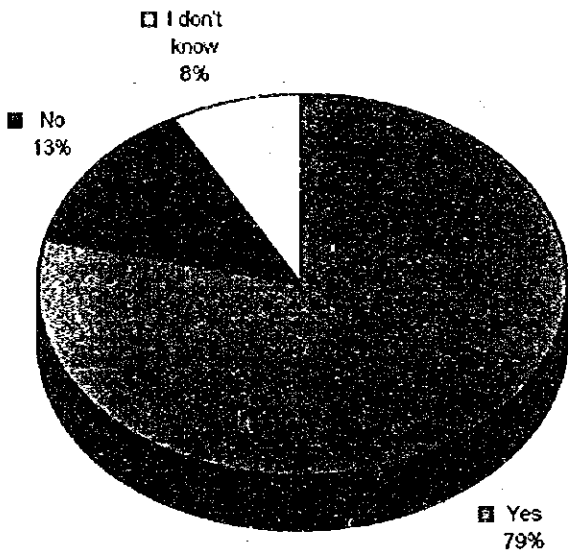
Urban



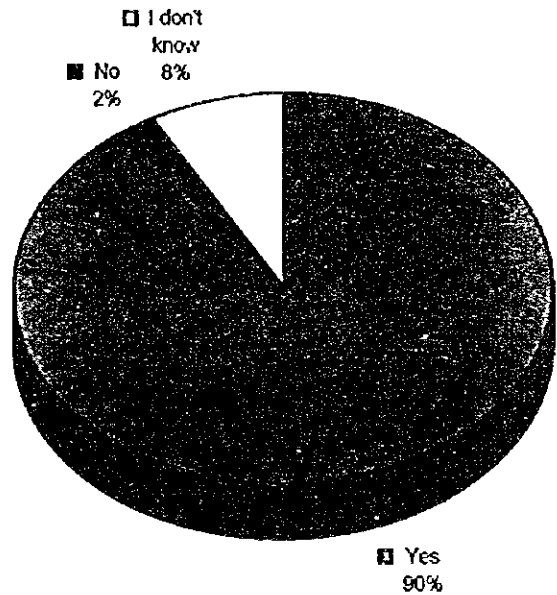
Semi-Urban Planned



Semi-Urban Unplanned



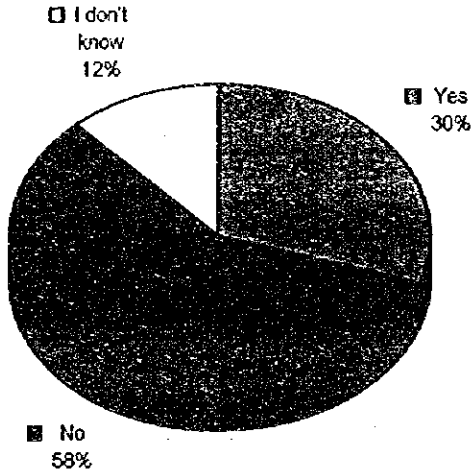
Rural



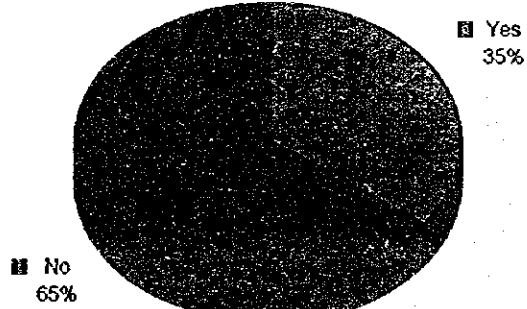
Question 5 - 4 Someone collects/buys your reusable/recyclable materials?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	30%		35%	24%
No	58%		65%	75%
I don't know	12%		0%	1%

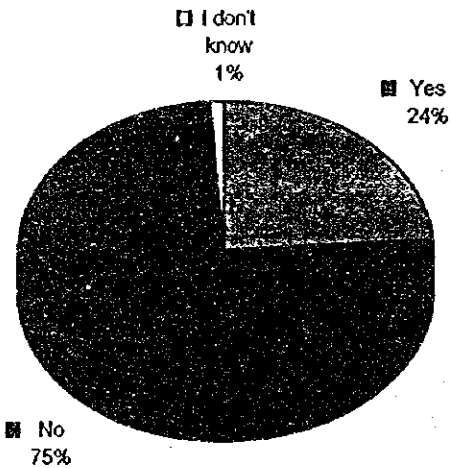
Urban



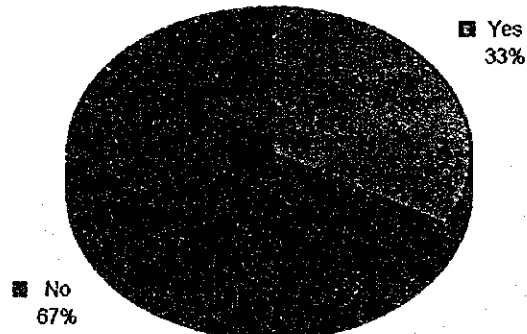
Semi-Urban Planned



Semi-Urban Unplanned



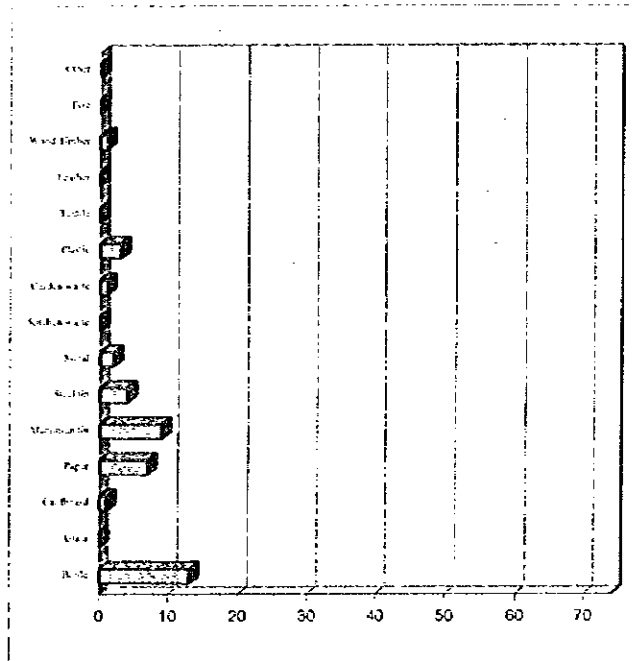
Rural



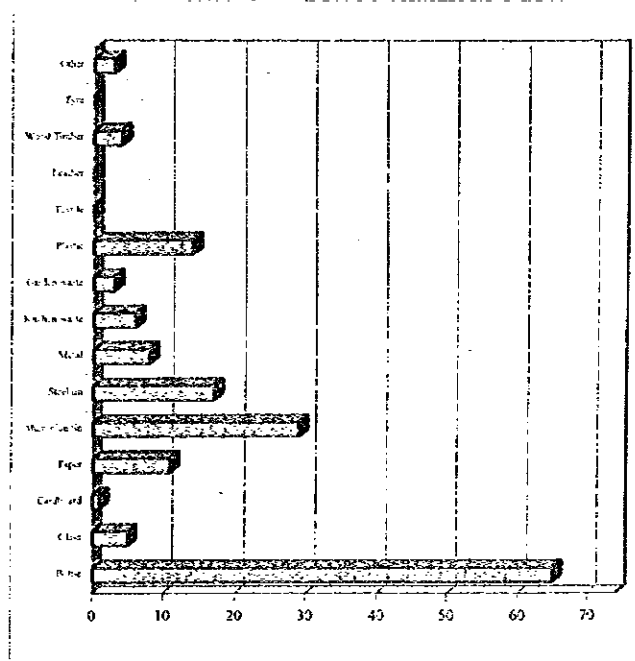
Question 5 - 5 Which material do they collect or buy from you?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Bottle	13	65	41	13
Glass	0	5	13	1
Cardboard	1	1	2	0
Paper	7	11	5	1
Aluminium tin	9	29	17	8
Steel tin	4	17	7	1
Metal	2	8	8	7
Kitchen waste	0	6	3	3
Garden waste	1	3	4	0
Plastic	3	14	4	1
Textile	0	0	0	1
Leather	0	0	0	0
Wood/Timber	1	4	3	0
Tyre	0	0	0	0
Other	0	3	1	1

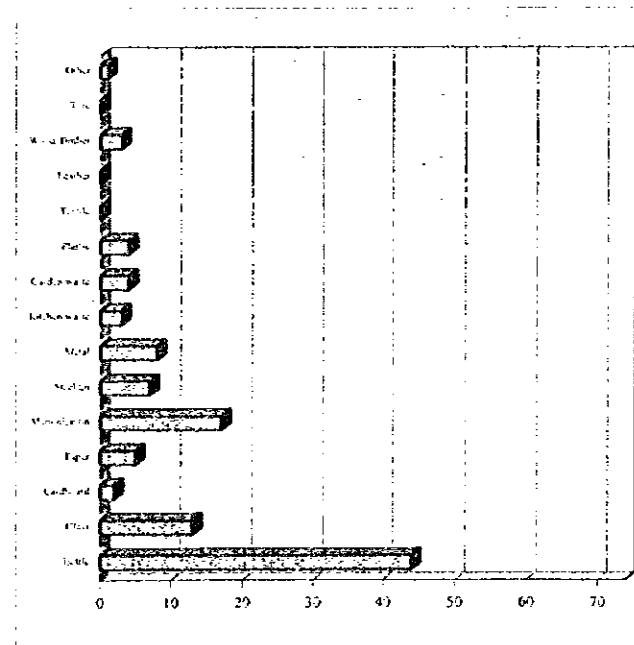
Urban



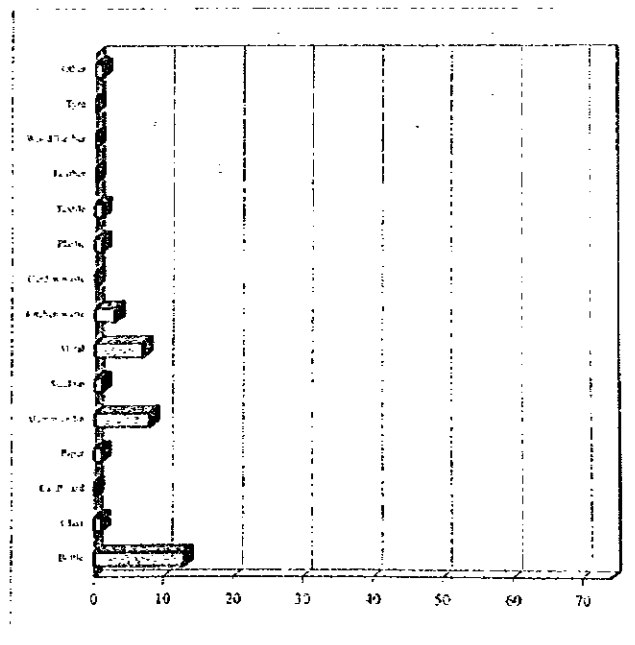
Semi-Urban Planned



Semi-Urban Unplanned



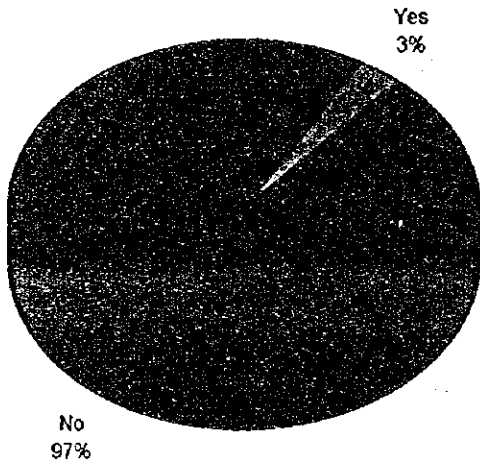
Rural



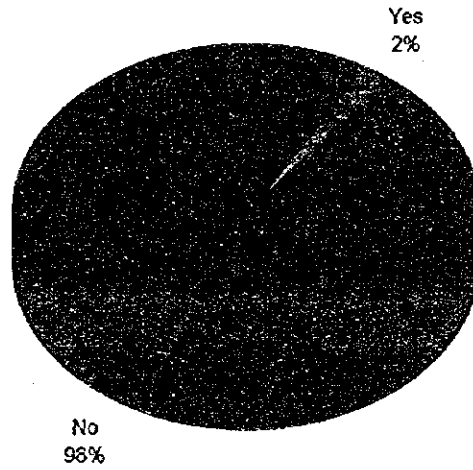
Question 5 - 6 Do you sell recyclable materials to shops?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	3%	2%	0%	3%
No	97%	98%	100%	97%

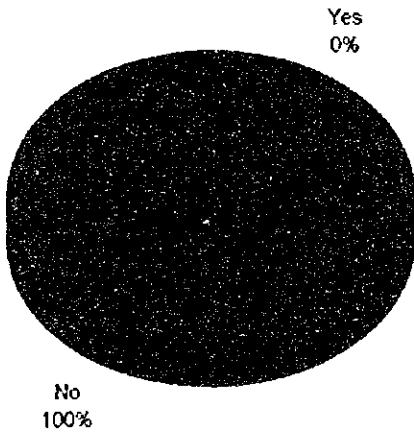
Urban



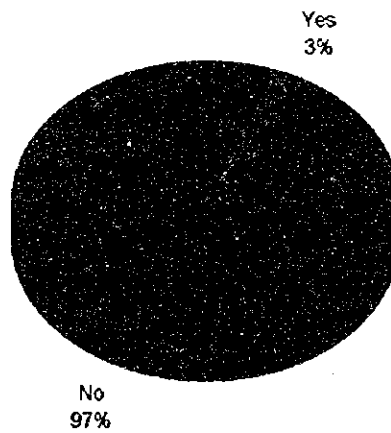
Semi-Urban Planned



Semi-Urban Unplanned



Rural

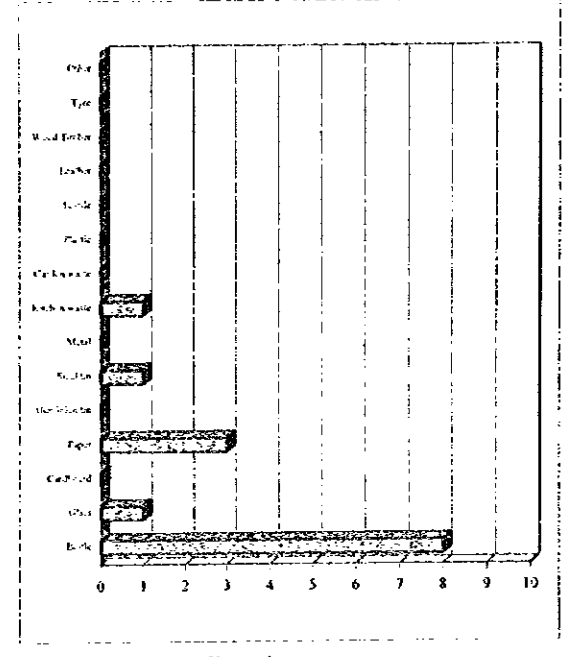
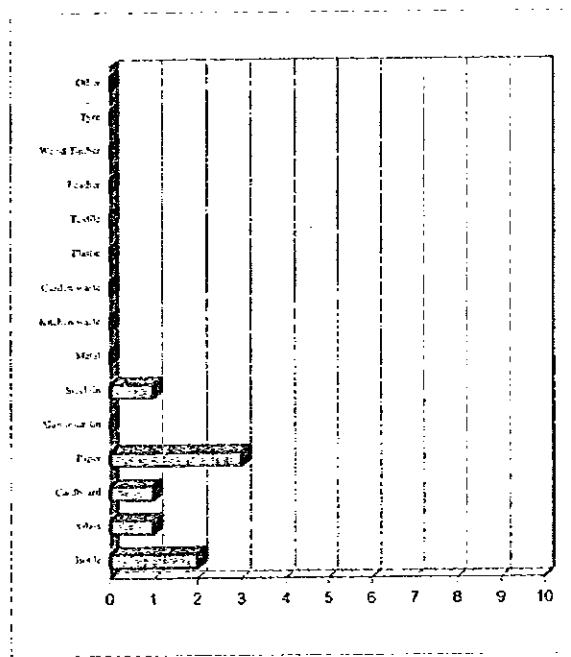


Question 5 - 7 Which materials do you sell to shops?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Bottle	2	8	3	2
Glass	1	1	1	0
Cardboard	1	0	0	0
Paper	3	3	1	1
Aluminium tin	0	0	1	0
Steel tin	1	1	0	0
Metal	0	0	0	3
Kitchen waste	0	1	0	0
Garden waste	0	0	0	0
Plastic	0	0	0	1
Textile	0	0	0	0
Leather	0	0	0	0
Wood/Timber	0	0	0	0
Tyre	0	0	0	0
Other	0	0	0	0

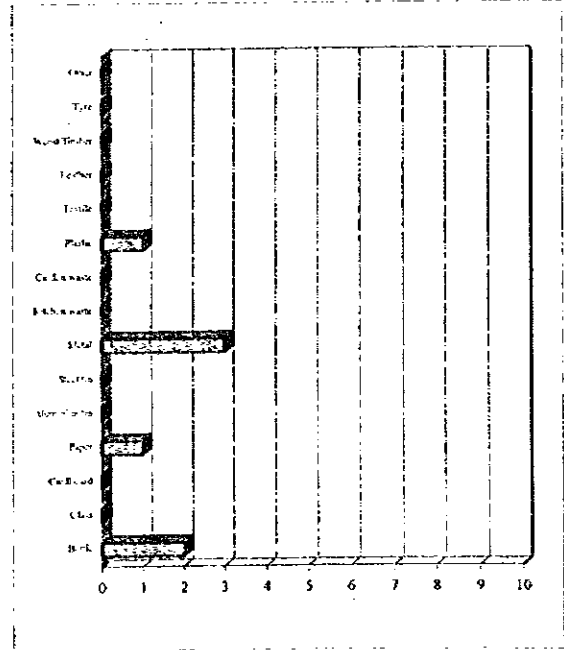
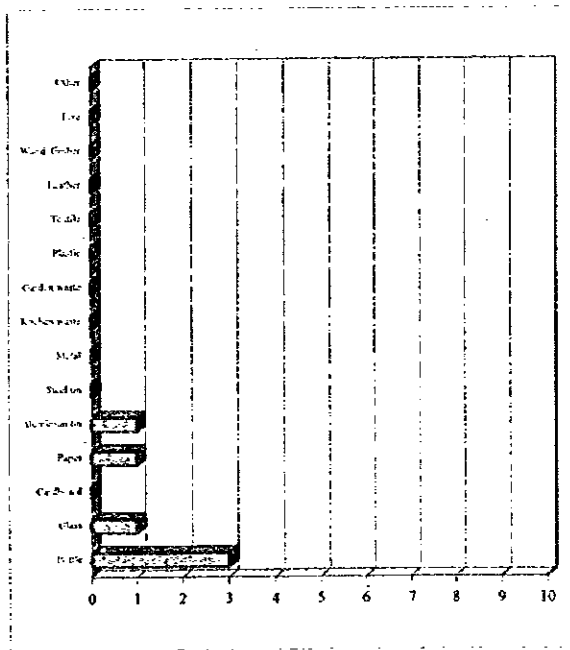
Urban

Semi-Urban Planned



Semi-Urban Unplanned

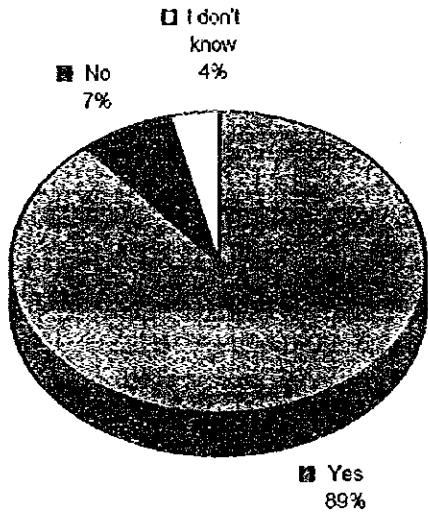
Rural



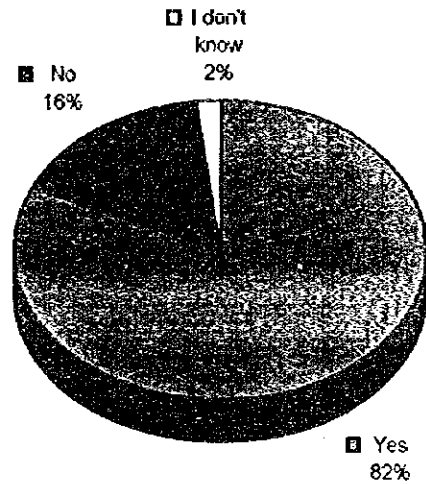
Question 5 - 8 Contribute/participate in raise funds (sell of reusable/ recyclable materials)

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	89%	82%	92%	85%
No	7%	16%	8%	12%
I don't know	4%	2%	0%	3%

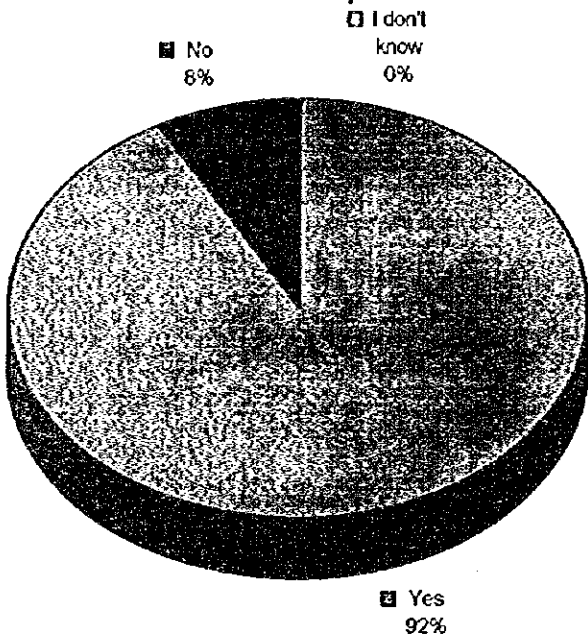
Urban



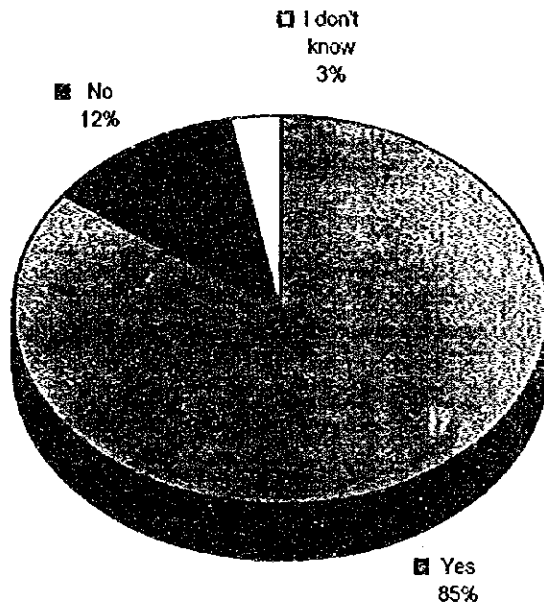
Semi-Urban Planned



Semi-Urban Unplanned



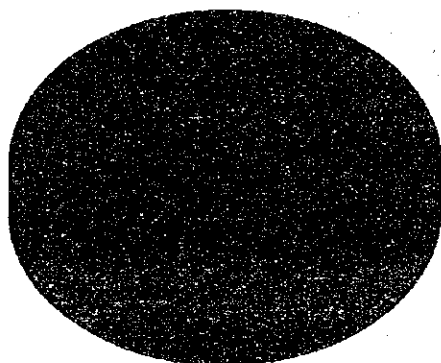
Rural



Question 5 - 9 Use food/ garden waste for compost?

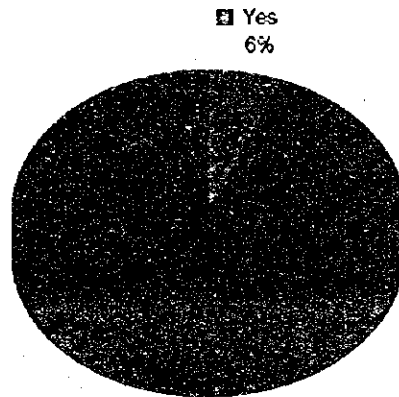
	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	0%	6%	12%	24%
No	100%	94%	87%	74%
Only food waste	0%	0%	0%	2%
Only garden waste	0%	0%	1%	0%

Urban



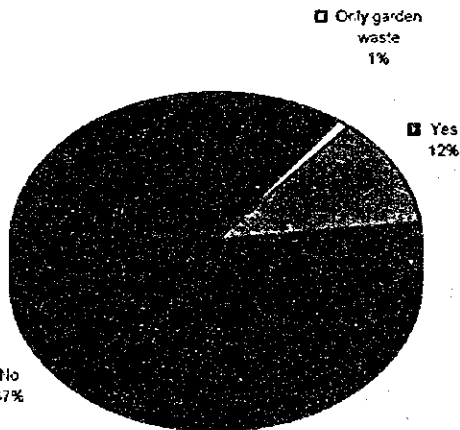
■ No
100%

Semi-Urban Planned



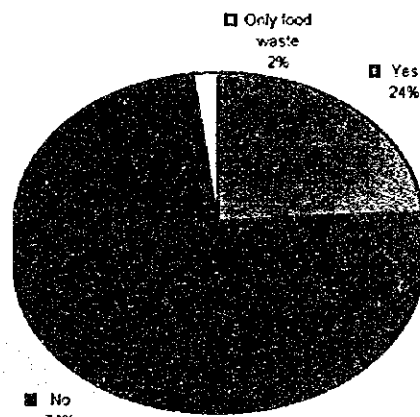
■ No
94%

Semi-Urban Unplanned



■ No
87%

Rural

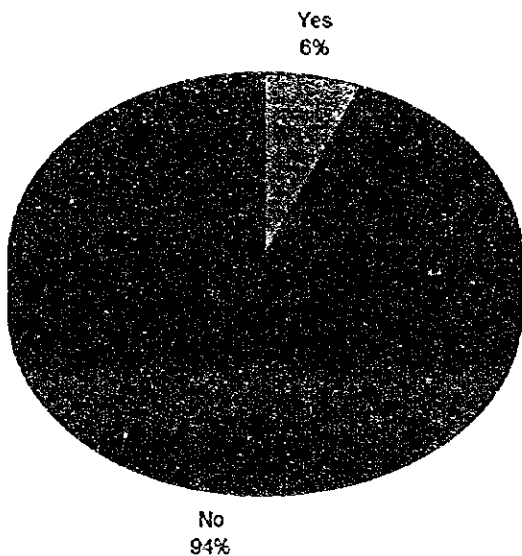


■ No
74%

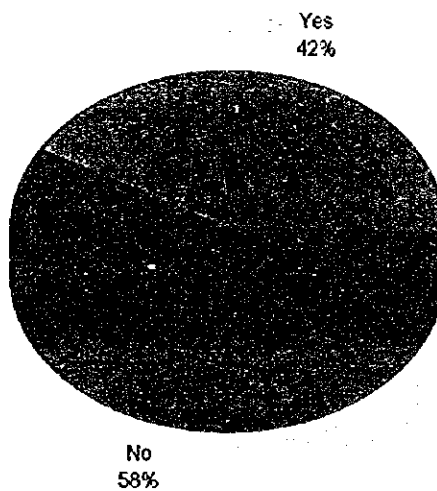
Question 5 - 10 Familiarity with producing compost from food

	Urban	Semi-Urban Planned	Semi-Urban Unplanned
Yes	6%	42%	32%
No	94%	58%	68%

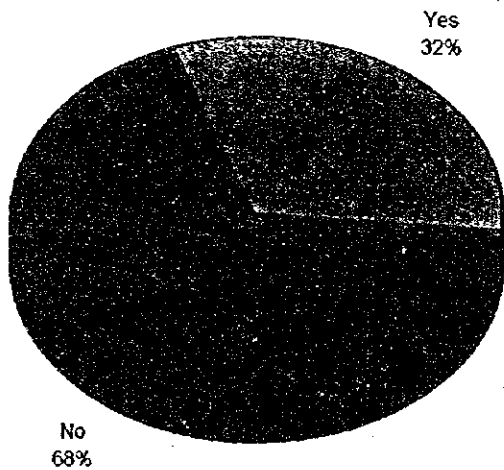
Urban



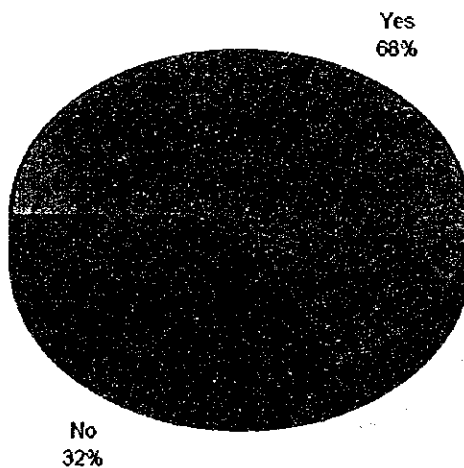
Semi-Urban Planned



Semi-Urban Unplanned



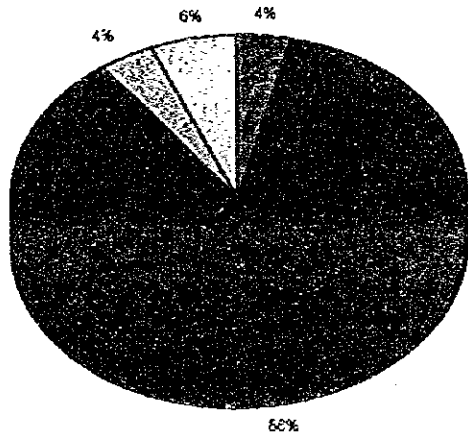
Rural



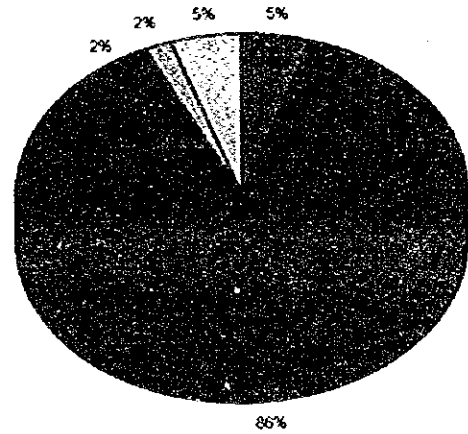
Question 6 - 1 Which authority do you understand is responsible for solid waste management?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Central government	4%	5%	8%	8%
City Council	86%	86%	78%	66%
District office	0%	0%	1%	0%
Ward office	0%	0%	2%	4%
Yourself	0%	2%	2%	6%
Private refuse collection company	4%	2%	3%	16%
Other	0%	0%	1%	0%
I don' know	6%	5%	5%	0%

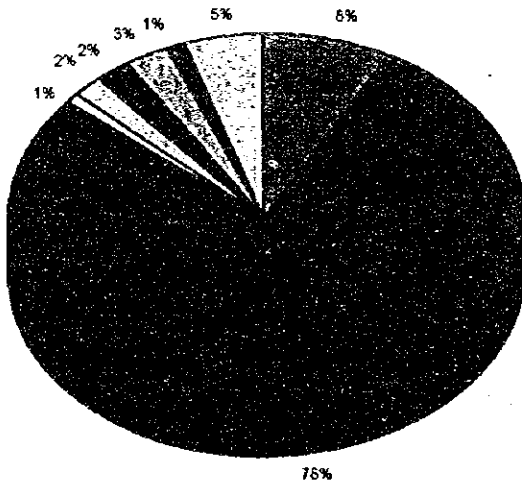
Urban



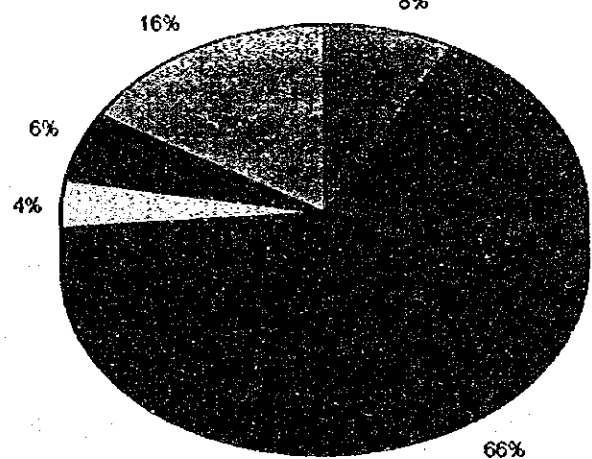
Semi-Urban Planned



Semi-Urban Unplanned



Rural



Central government

City Council

District office

Ward office

Yourself

Private refuse collection company

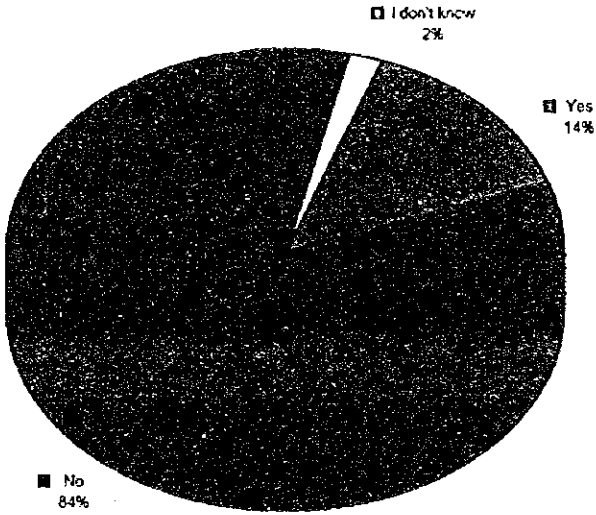
Other

I don't know

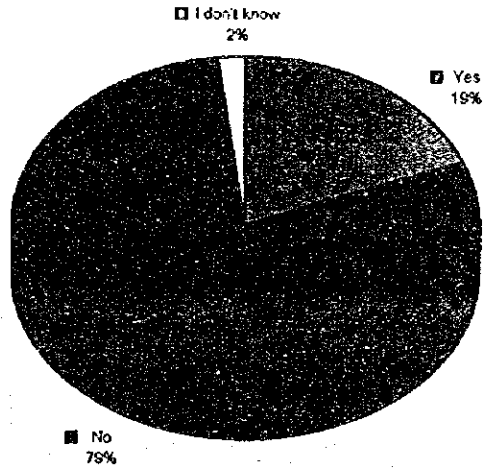
Question 6 - 2 Present municipal solid waste management appropriate?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	14%	19%	7%	29%
No	84%	79%	88%	63%
I don't know	2%	2%	5%	8%

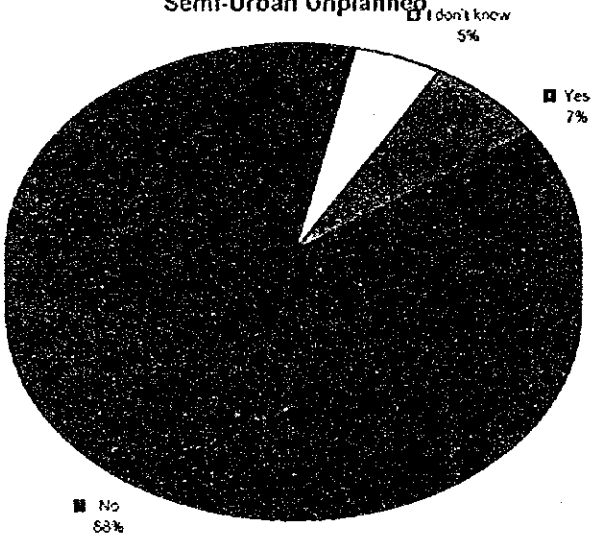
Urban



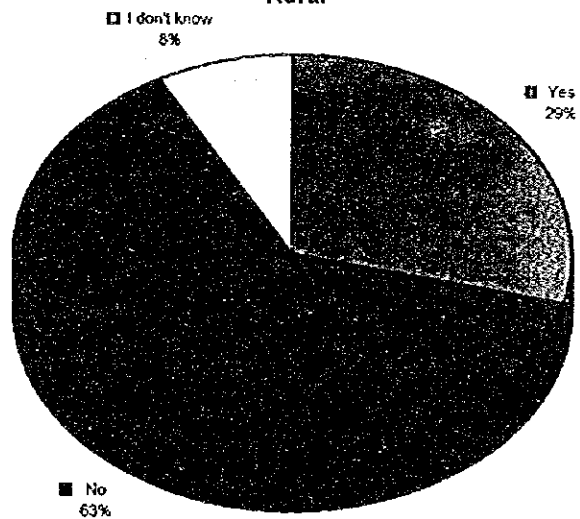
Semi-Urban Planned



Semi-Urban Unplanned

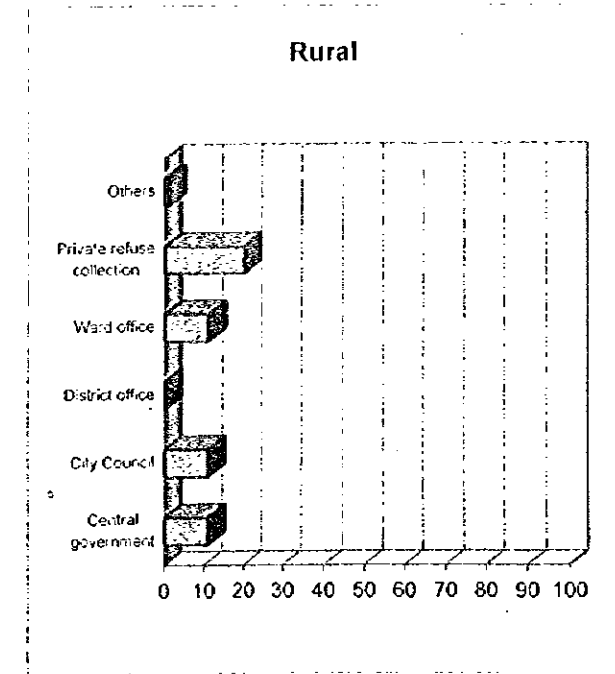
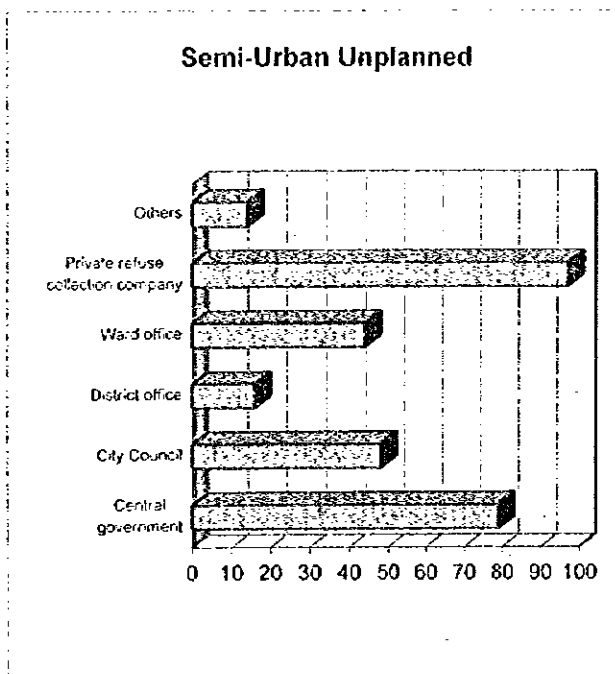
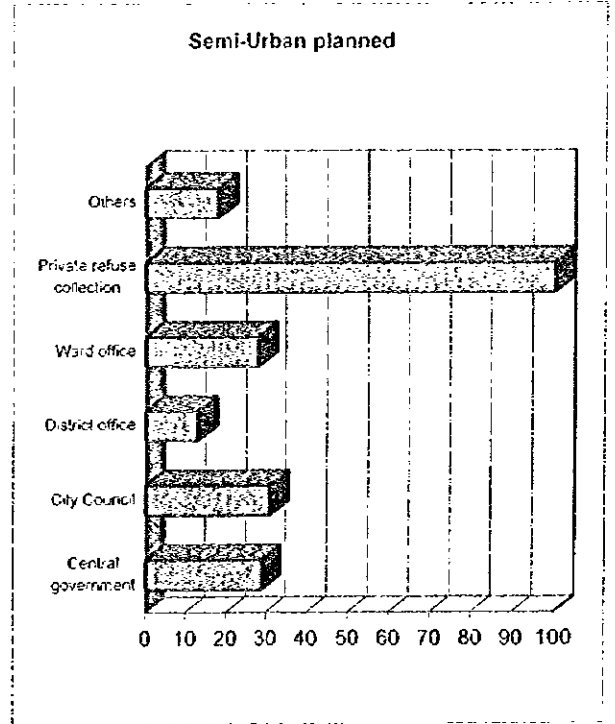
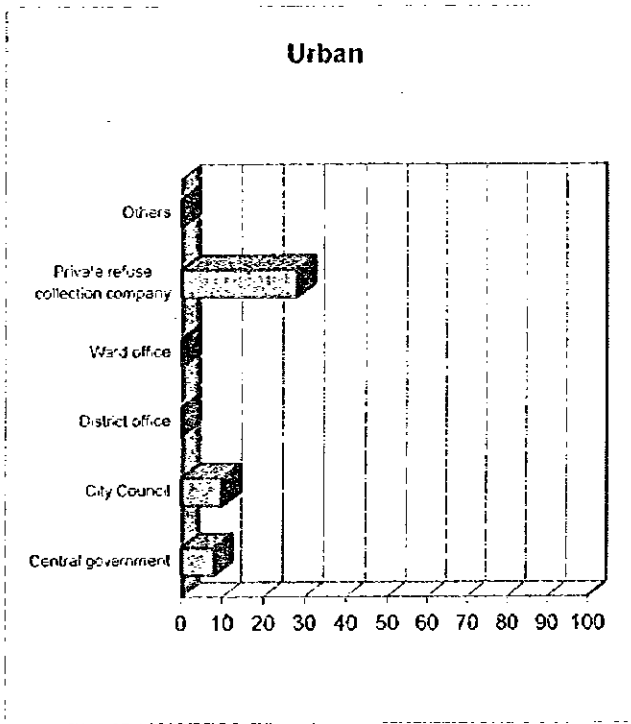


Rural



Question 6 - 3 Which organisation should be responsible for solid waste management?

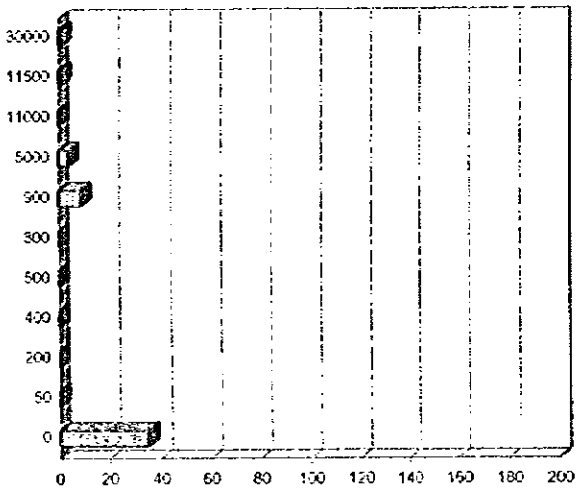
	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Central government	8	29	79	11
City Council	10	31	48	11
District office	0	13	16	0
Ward office	0	28	44	11
Private refuse collection company	28	100	97	20
Others	0	18	14	1



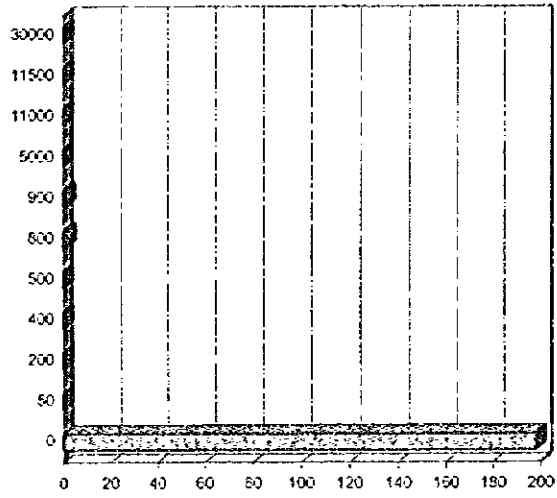
Question 6 - 4 Amount of payment for collection service per month?

Tsh/month	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
0	35	198	194	51
50	0	0	1	0
200	0	0	1	0
400	0	0	1	0
500	0	0	2	0
800	0	1	0	0
900	9	1	0	0
5000	4	0	0	0
11000	0	0	1	0
11500	1	0	0	0
30000	1	0	0	0

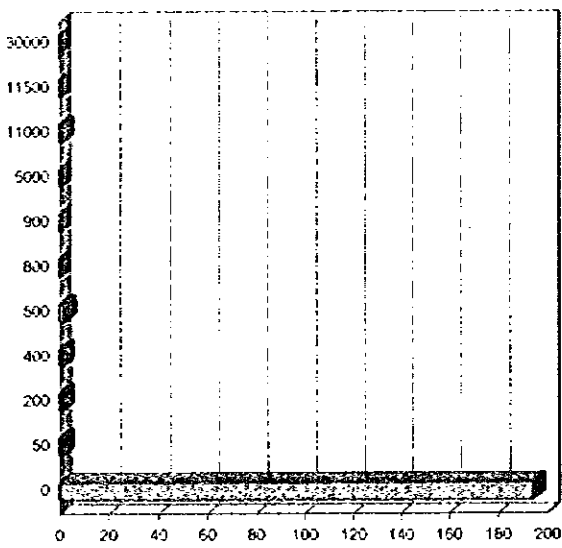
Urban



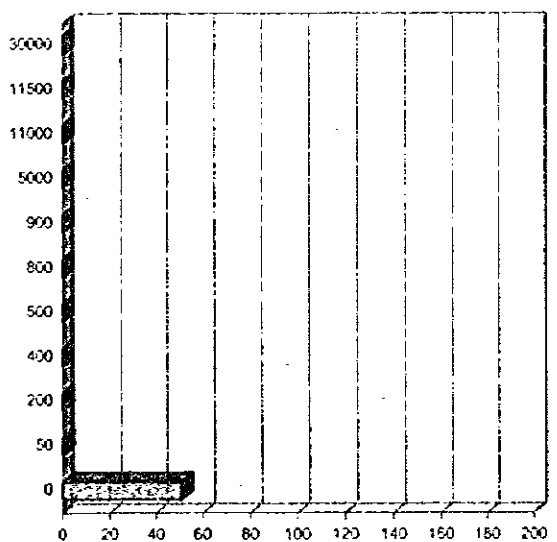
Semi-Urban Planned



Semi-Urban Unplanned

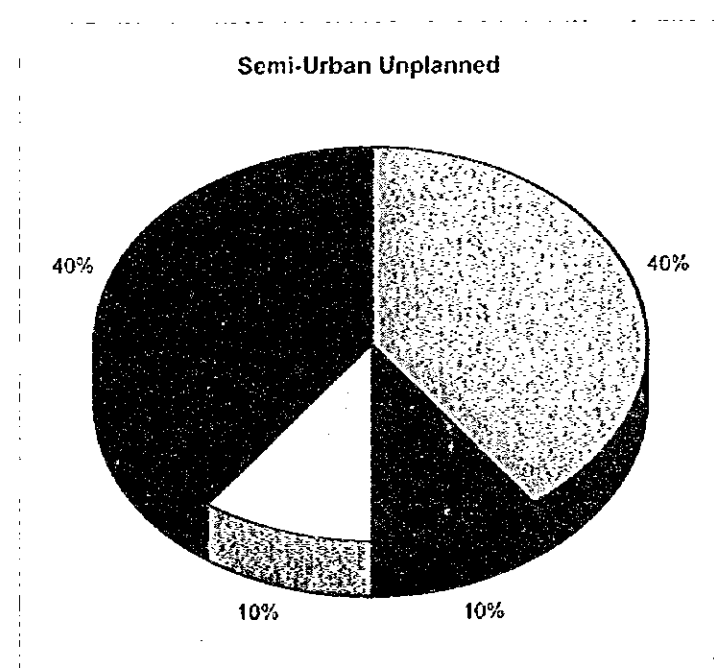
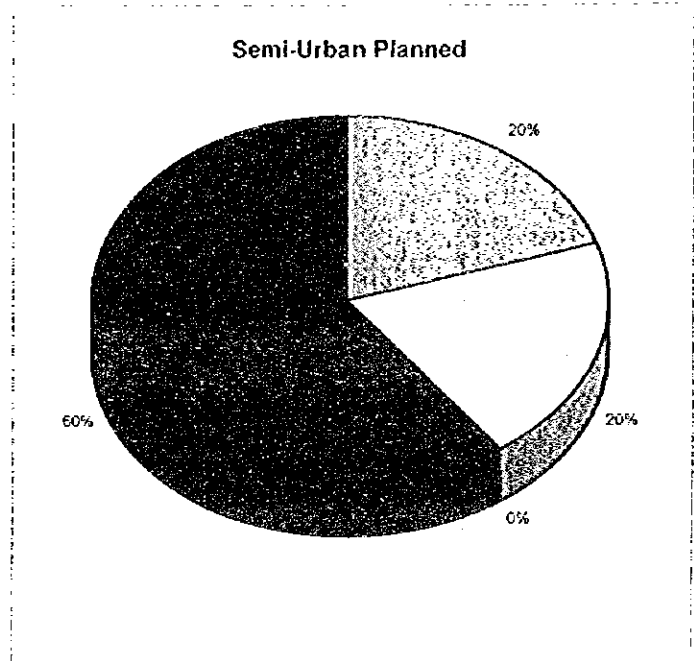
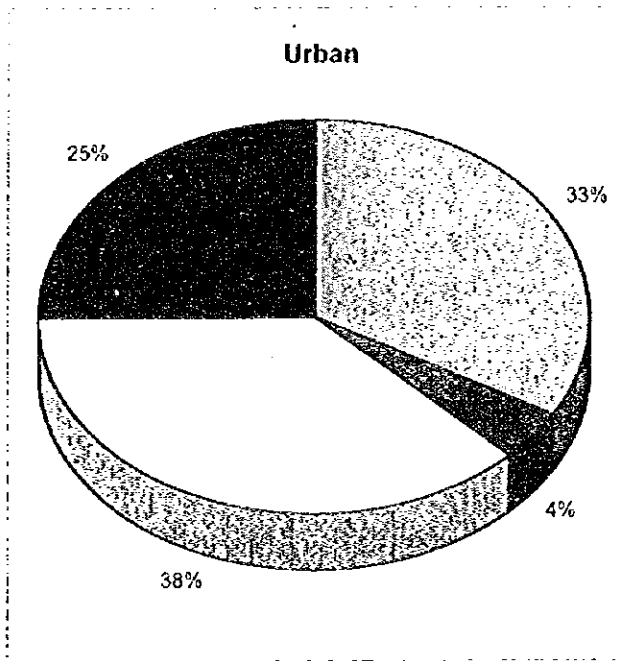


Urban



Question 6 - 5 What do you think about the collection fee?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Expensive	8	1	4	0
Little bit expensive	1	0	1	0
Proper amount	9	1	1	0
Little bit cheap	0	0	0	0
Collection fee system not fair	0	0	0	0
I don't know	6	3	4	0

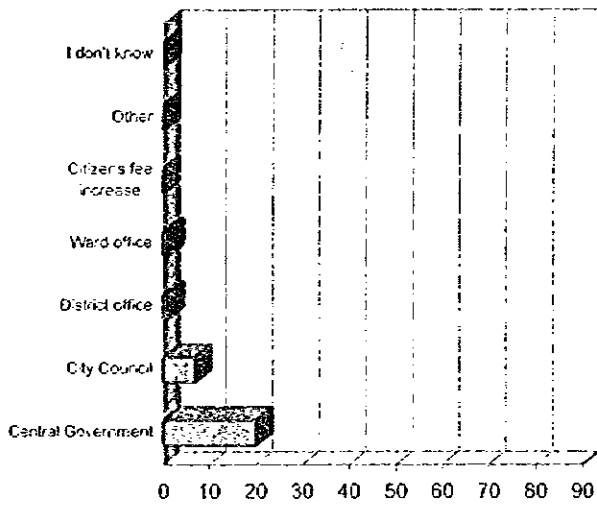


- Expensive
- Little bit expensive
- Proper amount
- Little bit cheap
- Collection fee system not fair
- I don't know

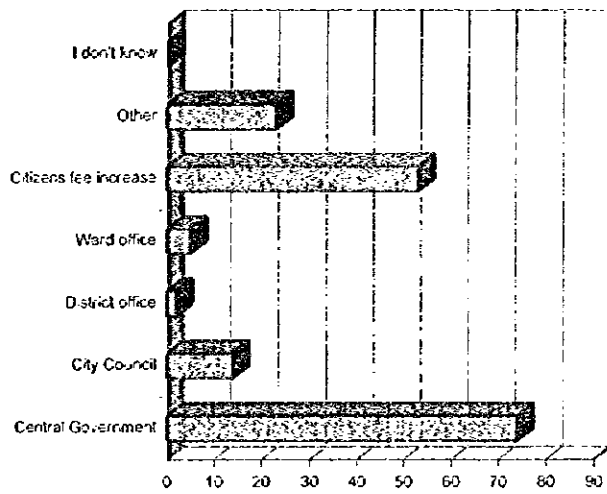
Question 6 - 6 Who should bear extra cost?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Central Government	20	74	88	5
City Council	7	14	13	3
District office	1	2	10	0
Ward office	1	5	19	5
Citizens fee increase	0	53	43	3
Other	0	23	8	3
I don't know	0	0	0	0

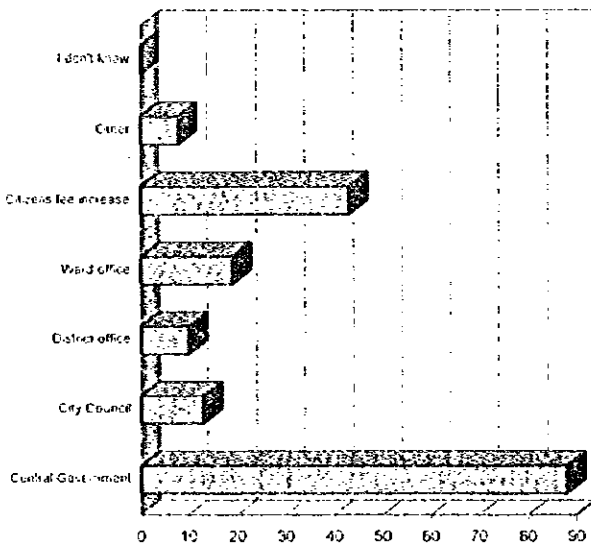
Urban



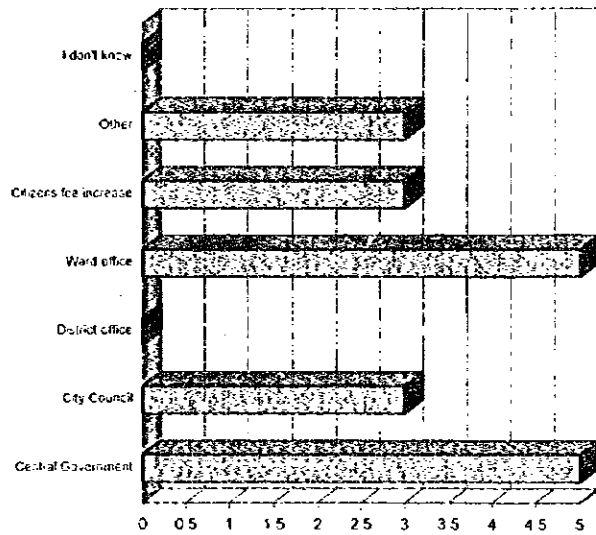
Semi Urban Planned



Semi-Urban Unplanned



Rural

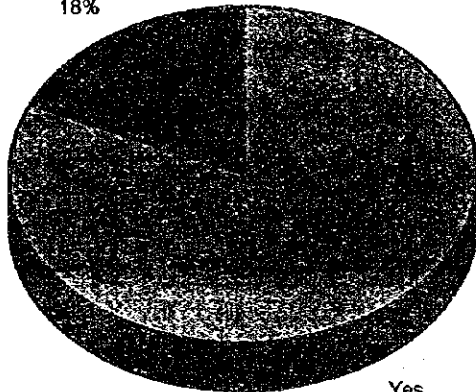


Question 6 - 7 Do you want a refuse collection service?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	82%	98%	98%	92%
No	18%	2%	2%	8%

Urban

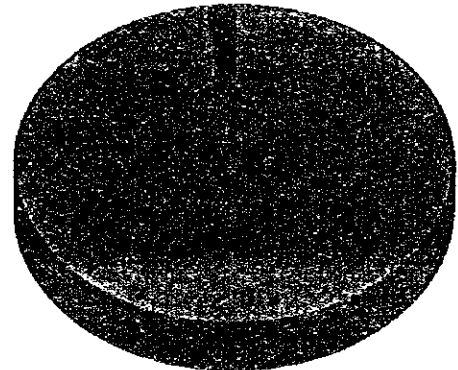
No
18%



Yes
82%

Semi-Urban Planned

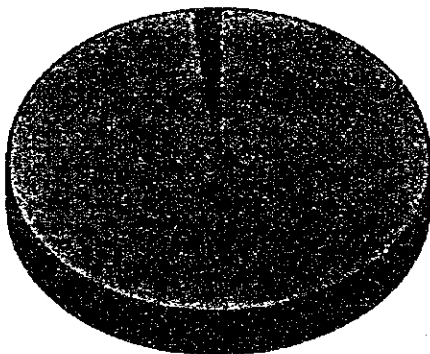
No
2%



Yes
98%

Semi-Urban Unplanned

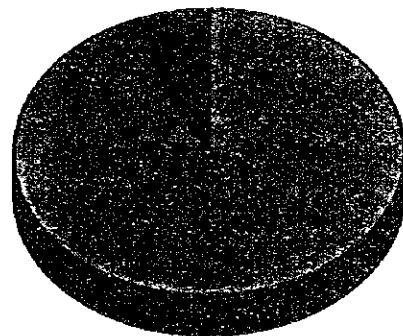
No
2%



Yes
98%

Rural

No
8%

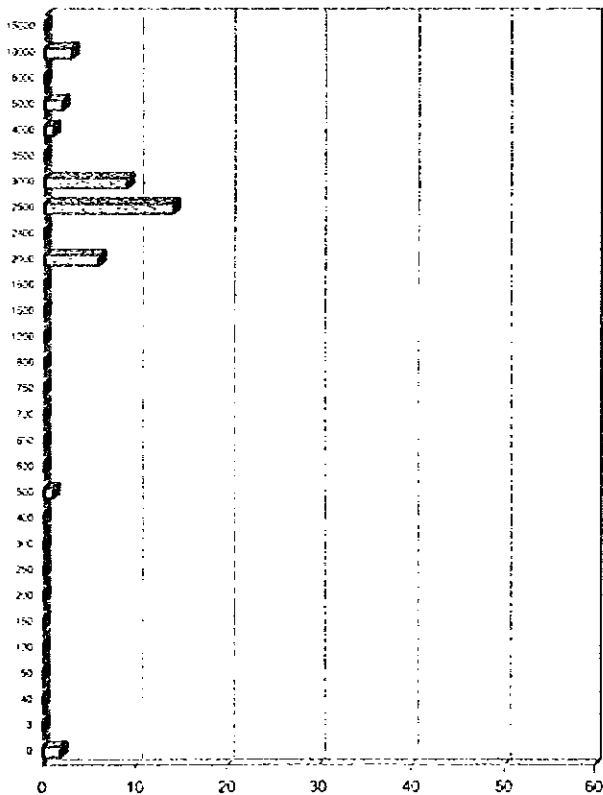


Yes
92%

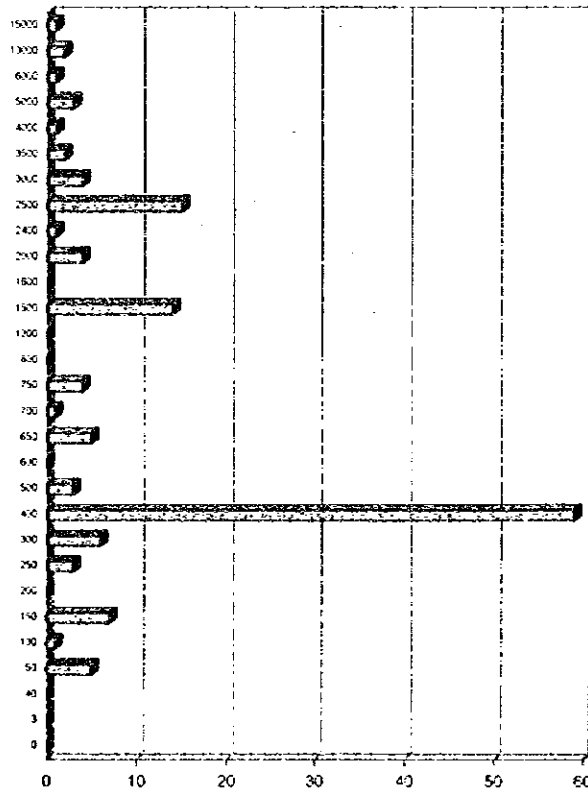
Question 6 - 8 (6) How much are you willing to pay?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
0	2	0	17	7
3	0	0	0	1
40	0	0	1	0
50	0	5	3	2
100	0	1	14	6
150	0	7	0	0
200	0	0	10	3
250	0	3	1	0
300	0	6	10	0
400	0	59	7	0
500	1	3	62	21
600	0	0	3	0
650	0	5	1	0
700	0	1	2	1
750	0	4	1	0
800	0	0	1	0
1200	0	0	2	0
1500	0	14	2	1
1600	0	0	1	0
2000	6	4	1	0
2400	0	1	0	0
2500	14	15	16	2
3000	9	4	0	0
3500	0	2	0	0
4000	1	1	0	0
5000	2	3	2	0
6000	0	1	0	0
10000	3	2	9	0
15000	0	1	0	0

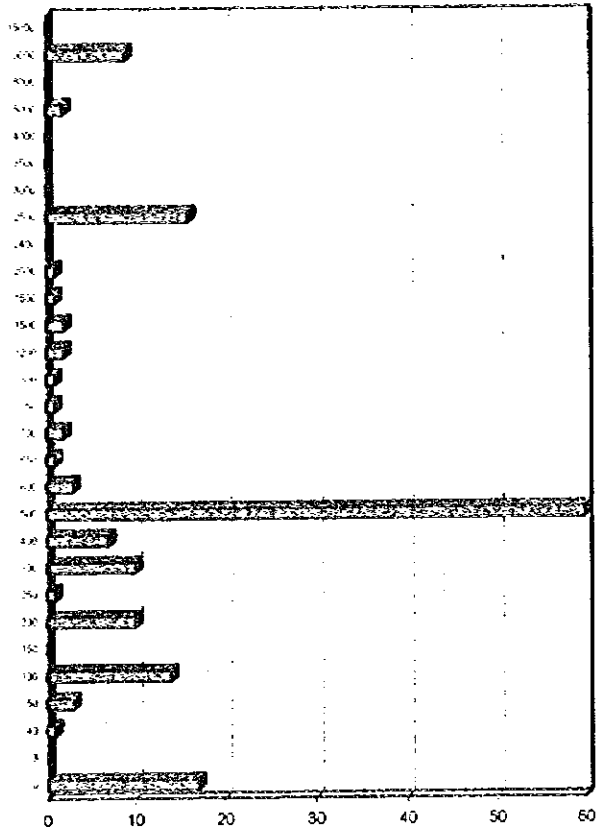
Urban



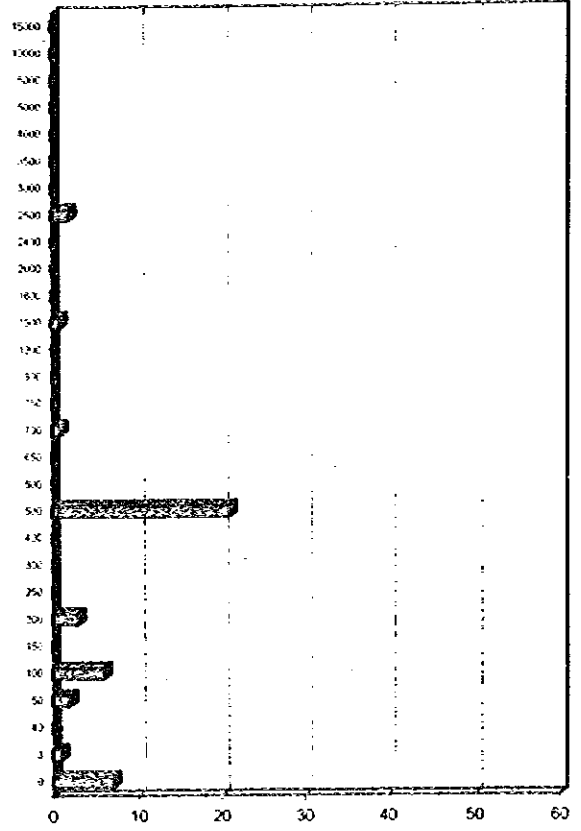
Semi-Urban Planned



Semi-Urban Unplanned



Rural



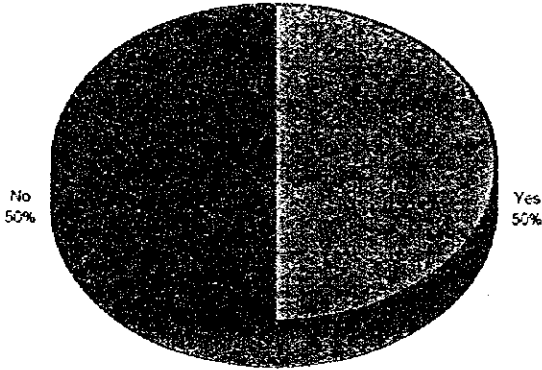
Willingness to Pay for Waste Collection

Urban Area	3,118 Tsh/month
Semi-Urban Planned Area	1,295 Tsh/month
semi-Urban Unplanned Area	1,175 Tsh/month
Rural Area	432 Tsh/month

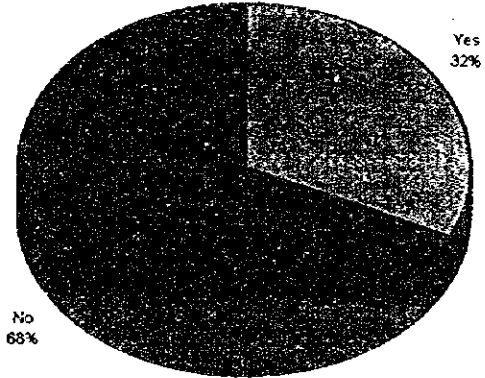
Question 7 - 1 Have you had guidance on methods of proper discharge?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	50%	32%	38%	57%
No	50%	68%	62%	43%

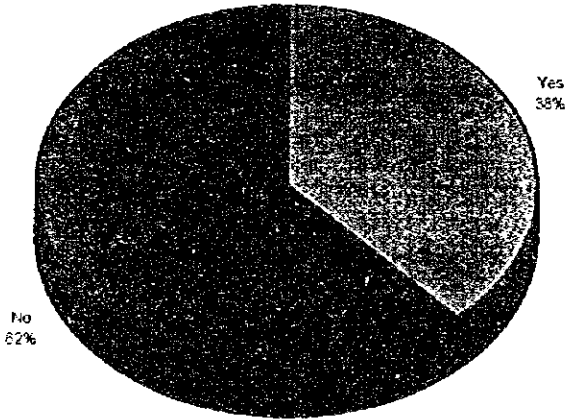
Urban



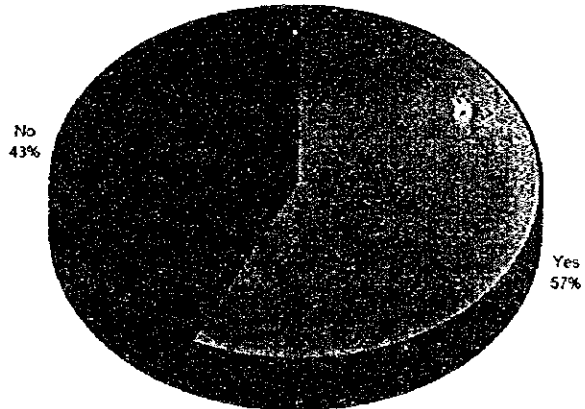
Semi-Urban Planned



Semi-Urban Unplanned

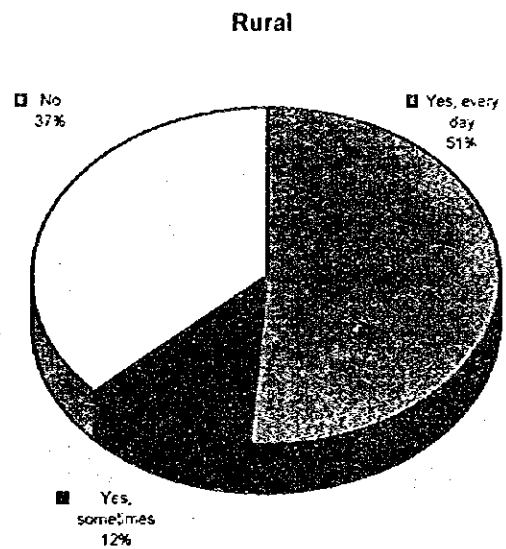
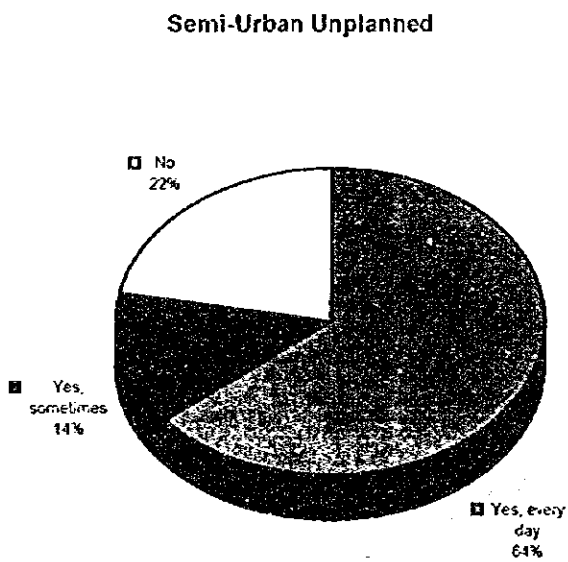
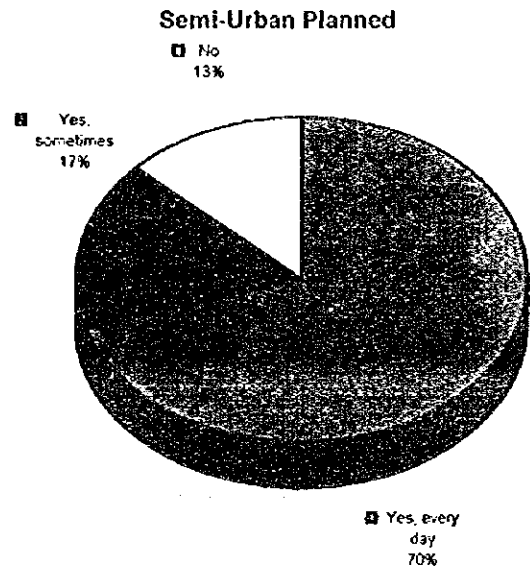
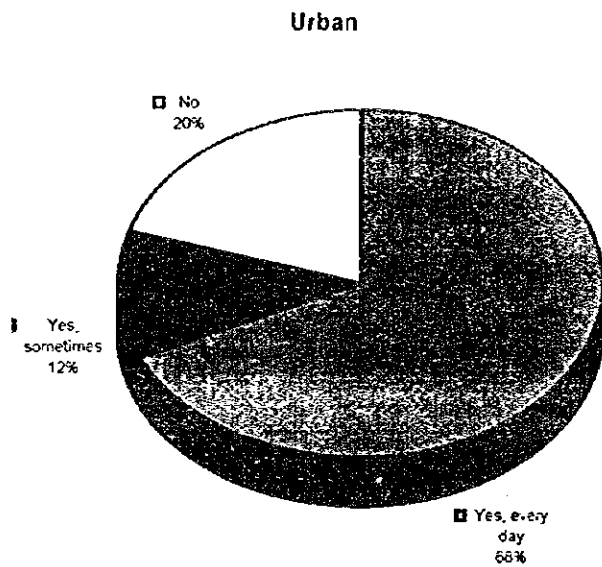


Rural



Question 7 - 2 Cleaning of road shoulder/adjacent public area in front of your premises?

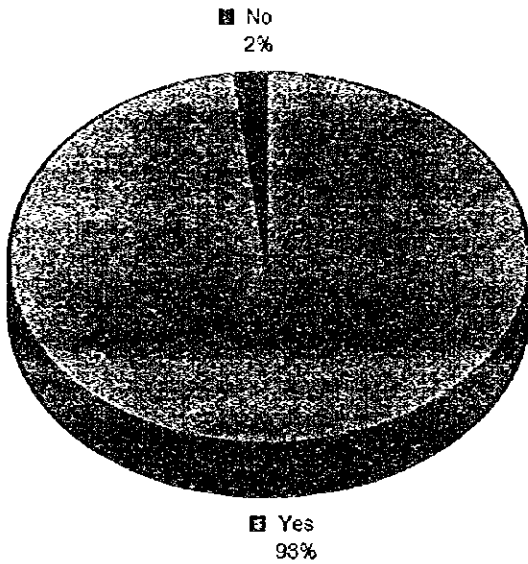
	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes, every day	68%	70%	64%	51%
Yes, sometimes	12%	17%	14%	12%
No	20%	13%	22%	37%



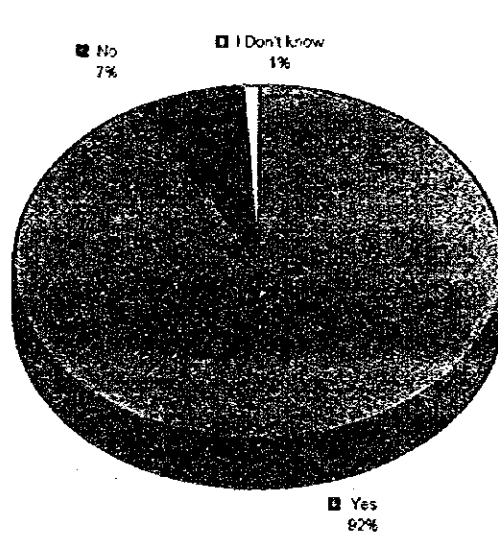
Question 7 - 3 Public cooperation necessary to maintain beautiful city/ environment?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	98%	92%	95%	92%
No	2%	7%	4%	6%
I Don't know	0%	1%	1%	2%

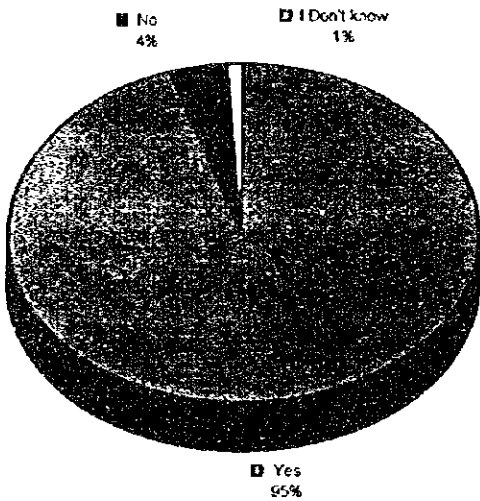
Urban



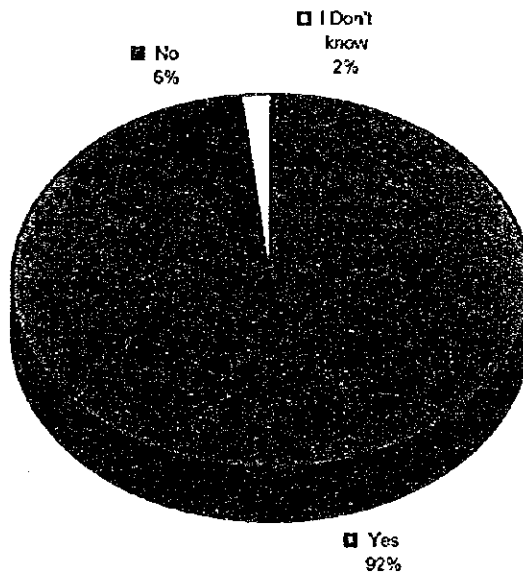
Semi-Urban Planned



Semi-Urban Unplanned



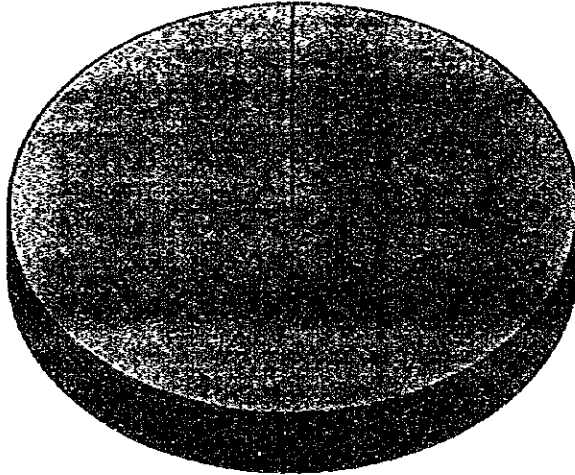
Rural



Question 7 - 4 Cooperation in maintaining beautiful City/ environment?

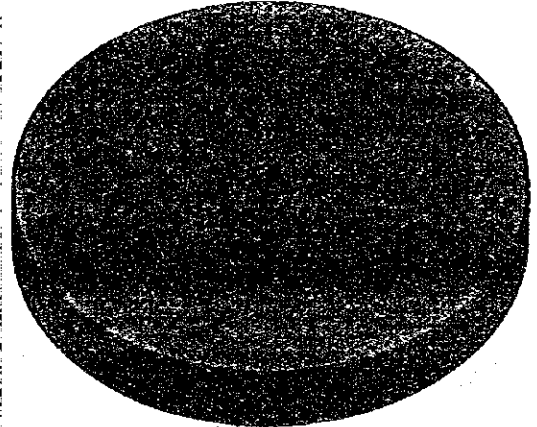
	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	100%	100%	100%	98%
No	0%	0%	0%	2%
I don't know	0%	0%	0%	0%

Urban



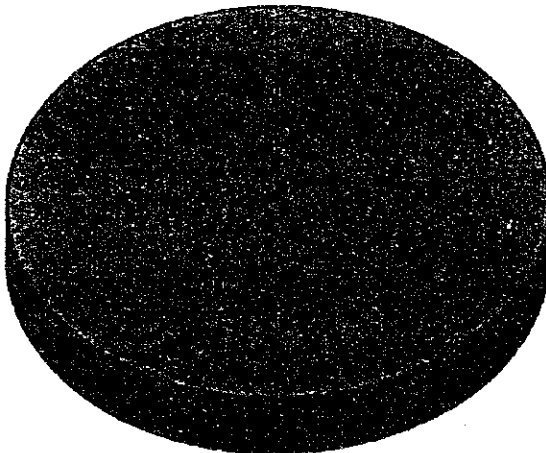
Yes
100%

Semi-Urban Planned



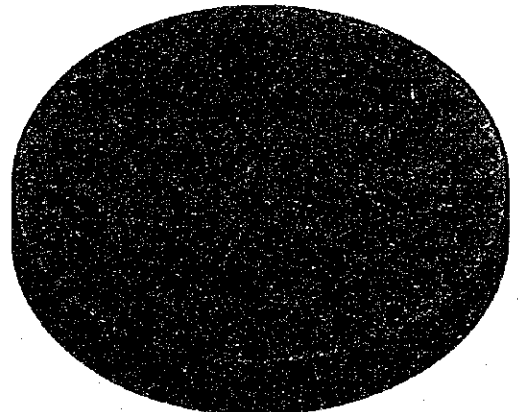
Yes
100%

Semi-Urban Unplanned



Yes
100%

Rural



No
2%

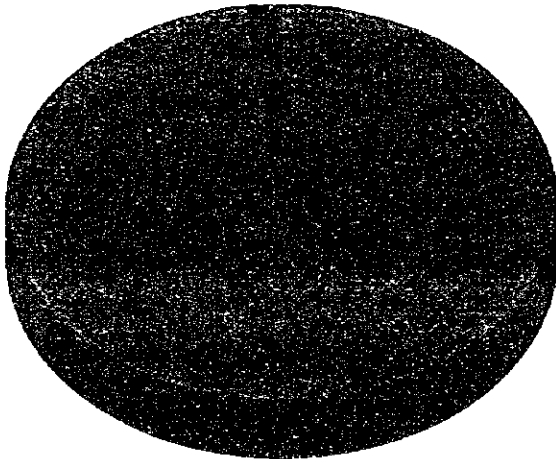
Yes
98%

Question 7 - 5 Public education/campaigning necessary to maintain City environment?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Yes	98%	99%	98%	94%
No	2%	1%	2%	4%
I don't know	0%	0%	0%	2%

Urban

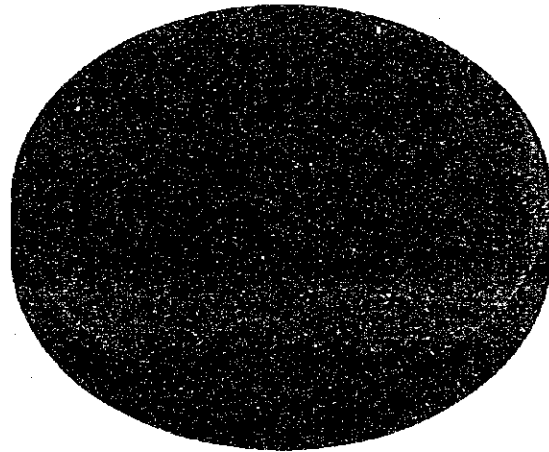
■ No
2%



■ Yes
98%

Semi-Urban Planned

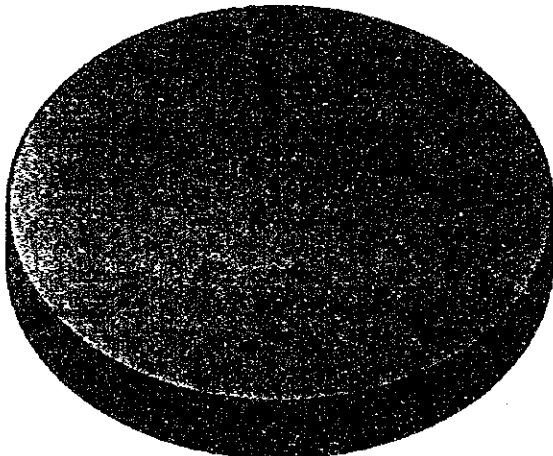
■ No
1%



■ Yes
99%

Semi-Urban Unplanned

■ No
2%

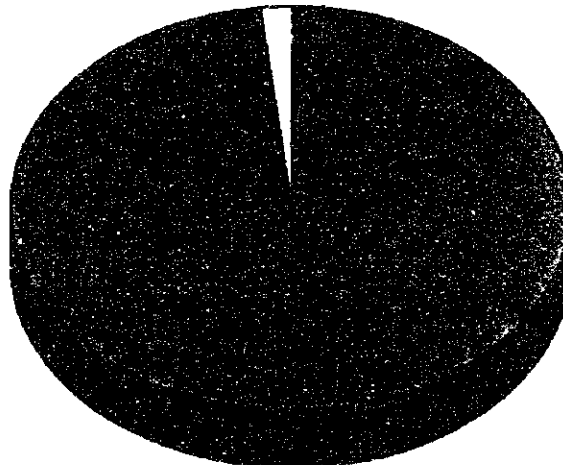


■ Yes
98%

Rural

■ No
4%

■ I don't know
2%

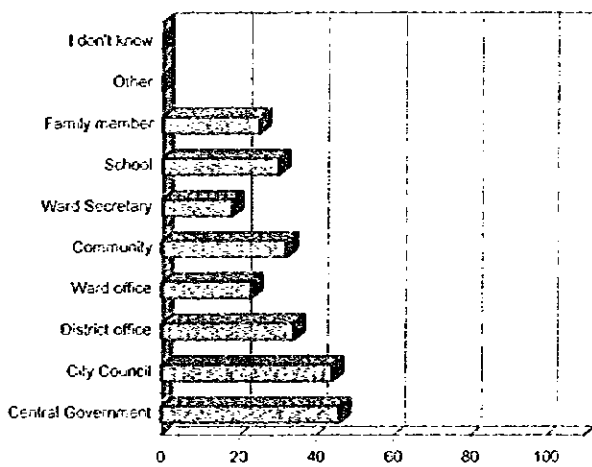


■ Yes
94%

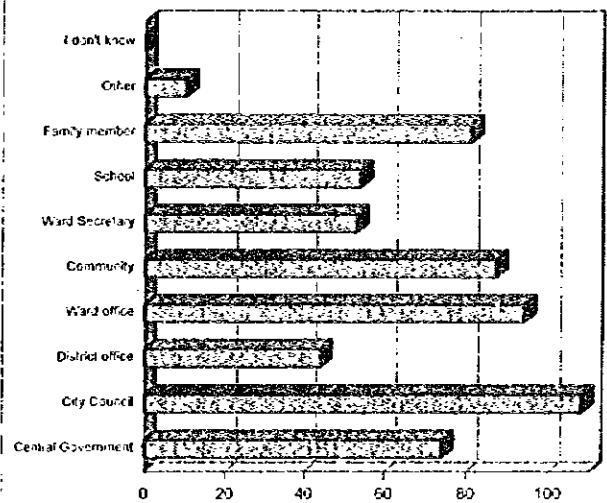
Question 7 - 6 Who should take such action?

	Urban	Semi-Urban Planned	Semi-Urban Unplanned	Rural
Central Government	46	74	113	23
City Council	44	108	90	23
District office	34	44	37	11
Ward office	23	94	72	15
Community	32	87	97	23
Ward Secretary	18	53	45	10
School	30	54	59	19
Family member	25	81	87	17
Other	0	10	14	3
I don't know	0	0	2	0

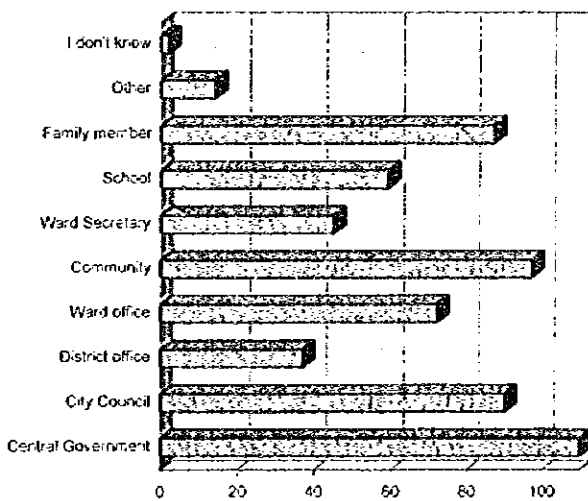
Urban



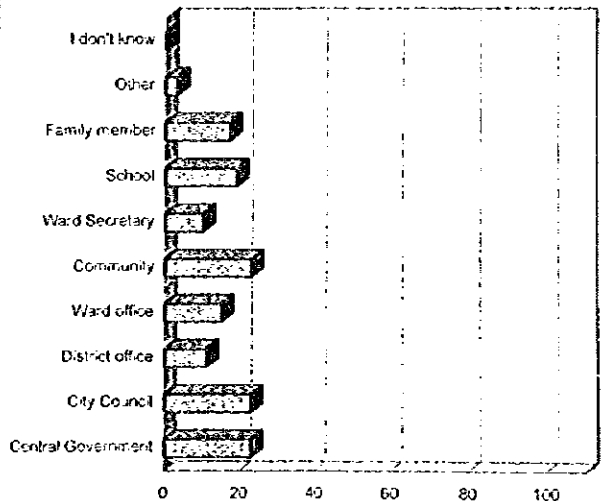
Semi-Urban Planned



Semi-Urban Unplanned



Rural



3.4 ANALYSIS: Responses to "Other (please specify)"

Q1-3 For your home/business, do you

1. Own?
2. Rent?
3. Other (please specify)?:

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
brother rents -2	relative rents -2		father's owns -1
aunt rents -1	unspecified -2		government house -1
sister rents -1	father owns -1		
company rents -1			

Q1-4 What is the business category of the house?

1. Residence
2. Restaurant/catering shop
3. Shops other than restaurants/catering shops
4. Other (please specify):

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
office -3	guest house 3	tea kiosk 2	tailor -1
poultry farm -1	poultry farm -2		
	tailor 2		
	mill -1		

Q2-1 How do you get water that you need for daily life?

1. Water supply tap(s) in my house
2. A communal water supply tap in my area
3. Communal well/groundwater
4. Private well/groundwater
5. From water seller
6. Carrying water from leaking points of water pipe
7. Rain water
8. Other (please specify):

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
neighbour's tap -1	neighbour's tap -63	neighbour's tap -57	neighbour's tap -6
		mosque -3	

Q2-2 What type of toilet facility do you use in your premises?

1. Flush toilet connected to sewerage pipe
2. Flush toilet connected to septic tank
3. Pit latrine
4. No toilet
5. Other (please specify):

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
neighbour's toilet -1		neighbour's toilet -1	neighbour's toilet -1

Q2-4 Who is your electricity supplier?

1. TANESCO
2. Own generator in my premises
3. Other (please specify):

No responses applicable for "Other (please specify)".

Q2-5 What type of pavement is on the access road to your premises?

1. Tarmac pavement
2. Gravel/cement/brick pavement
3. No pavement
4. Other (please specify):

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
	no road -1	foot path -8	unspecified -1
	foot path 4		

Q3-2 What type of container do you use for carrying refuse to a collection point?

1. Plastic bag
2. Paper bag
3. Metal/plastic/wood bucket
4. Carton box
5. Basket
6. Other (please specify):
7. I don't know

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
	spade -7	sack -5	spade -1
	wheelbarrow -5	spade -4	sack -1
	unspecified -2	pan 2	
	sack -1	wheelbarrow -1	
	by hand -1	aluminium tray -1	
	40L. dust bin -1	unspecified -1	
	trolley -1		
	any container -1		
	picked up -1		

Q3-3 Why do you remove your refuse?

1. Municipal ordinance
2. To keep area clean
3. It prevents foul odour
4. Keep away pests such as flies
5. Other (please specify):

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
distance to far -1	prevent disease -7	prevent disease -8	prevent disease -4
	attract customers -1	unspecified -6	attract customers -1
	city council won't -1	limited space -1	

Q3-6 What are the reasons why you can not cooperate?

1. Present system is better
2. We have nobody who can carry the waste to communal containers
3. Collection points or communal containers are not hygienic
4. Other (please specify):

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
depends on distance -1	uses own waste -1		
difficult to transport-1			

Q3-9 How do you discharge your garden waste?

1. Discharge at the collection point with the other waste
2. Call collector of City Council
3. Self-dispose (open combustion/burying, bury in the backyard, etc.)
4. Composting (producing fertiliser from waste)
5. Multinet
6. Private collector
7. I don't know
8. Other (please specify):

No responses applicable for "Other (please specify)".

Q4-2 Who collects your refuse?

1. City Council
2. Multinet
3. Private collector
4. Other (please specify):

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
company car -1			

Q4-3 Are you satisfied with the collection service?

Q4-4 If "No", what are the reasons?

1. Frequency of collection service is too few
2. Refuse collection time is irregular
3. Refuse collection time is too early or too late
4. Behaviour of collection workers is bad
5. Refuse collection fee is expensive
6. Refuse collection fee system is not fair
7. Other (please specify):

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
problem with refuse truck -1			no one available -1
			unspecified -1

Q4-5 How is your refuse collected?

1. Door to door collection system by collection worker
2. Residents themselves carry wastes to a certain refuse collection point
3. Directly to a refuse collection truck
4. Other (please specify):
5. I don't know

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
			collected by market personnel -1

Q4-6 How often is your refuse collected?

1. Everyday
2. 4-6 times per week
3. 3 times per week
4. 2 times per week
5. 1 time per week
6. 1-3 times per month
7. Irregular
8. Other (please specify):
9. I don't know

No responses applicable for "Other (please specify)".

Q5-1 If the City Council introduces a separate refuse collection system to utilise refuse, would you co-operate with the system?

Q5-2 If "No", what are the reasons?

1. It requires several containers
2. It requires certain effort
3. It requires several public containers
4. It is inconvenient
5. It may increase the collection fee and the discharging costs (more containers are needed, etc.)
6. Other (please specify):

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
no container space -2			has no recyclable waste -1

Q5-5 Which materials do they collect or buy from you?

1. Bottle
2. Glass
3. Cardboard
4. Paper
5. Aluminium tin
6. Steel tin
7. Metal
8. Kitchen waste
9. Garden waste
10. Plastic
11. Textile
12. Leather
13. Wood/Timber
14. Tyre
15. Other (please specify):

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
	sacks -3	sacks -1	charcoal -1

Q5-7 Which materials do you sell to shops?

1. Bottle
2. Glass
3. Cardboard
4. Paper
5. Aluminium tin
6. Steel tin
7. Metal
8. Kitchen waste
9. Garden waste
10. Plastic
11. Textile
12. Leather
13. Wood/Timber
14. Tyre
15. Other (please specify):

No responses applicable for "Other (please specify)".

Q6-1 Which authority do you understand to be responsible for municipal solid waste management?

1. Central government
2. City Council
3. District office
4. Ward office
5. Yourself
6. Private refuse collection company
7. Other (please specify):
8. I don't know

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
		unspecified -2	

Q6-2 The present municipal solid waste management is being carried out by the City Council and private companies. do you think the present municipal solid waste management is appropriate?

Q6-3 If "No", which organisation should be responsible for the municipal solid waste management?

1. Central government
2. City Council
3. District office
4. Ward office
5. Private refuse collection company
6. Other (please specify):

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
	individual -3	I don't know -3	unspecified -1
	I don't know -3	community -1	
	foreign aid -2	10 cell leader -1	
	community -2	local government -1	
	street chairperson -1	family -1	
	unspecified -7	unspecified -7	

Q6-6 The present solid waste management budget is not sufficient for maintaining the beautiful sight of the City and its environment. who do you think should bear the extra cost?

1. Central government
2. City council
3. District office
4. Ward office
5. Citizens by means of collection fee increase
6. Other (please specify);
7. I don't know

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
	foreign aid -9	foreign aid -2	foreign aid -1
	private companies -2	private companies -2	unspecified -2
	developmental levy -1	unspecified -5	
	individual -1		
	unspecified 9		

Q7-5 Do you think public education or campaign for maintaining the beautiful city and its environment is necessary?

Q7-6 If "Yes", who should take such action?

1. central government
2. City council
3. District office
4. Ward office
5. Community
6. Ward Secretary
7. School
8. Family member
9. Other (please specify):
10. I don't know

URBAN	SEMI-URBAN PLANNED	SEMI-URBAN UNPLANNED	RURAL
	private companies -3	political leaders -6	public education -1
	not city council -2	street chairperson -4	private companies -1
	10-cell leaders -2	10-cell leader -1	department of health -1
	street chairperson -1	private companies 1	
	foreign aid -1	media -1	
	women -1	religious leaders -1	