

Data B

Public Opinion Survey

Questionnaire

Household survey

**The Study on Regional Solid Waste Management for
San Salvador Metropolitan Area in the Republic of El Salvador
Questionnaire for Public Opinion Survey
(Household)**

Interviewer: _____ Supervisor: _____
Date: _____ Socio economic strata: _____
Municipality: _____ Segment: _____
Household address: _____

1. GENERAL QUESTIONS

S1. WRITE: Gender: (1) Male (2) Female

How frequently do you ...	Every day	Once or twice a week	Rarely	Never
SA1. listen to the news on the radio?	(1)	(2)	(3)	(4)
SA2. watch the news on T.V.?	(1)	(2)	(3)	(4)
SA3. read the news on the newspaper?	(1)	(2)	(3)	(4)

P1_1. How many persons live in your house, including yourself and maids? _____

P1_2. WRITE: What category is your building?

- (1) Independent house (2) Row house (suburb) (3) Apartment complexes
(4) Meson (5) Marginal slums

P1_3. How many square meters of garden does your house have?

- (1) It has no garden (2) Less than 100 m² (10m X 10m) (3) More than 100 m² (10m X 10m)

P1_4. How much is the total income of your family per month? *[Including exterior remittances]*

- (1) No income (2) Less than 1,000 colones (3) ¢1,001-¢2,000
(4) ¢2,001-¢3,000 (5) ¢3,001-¢4,000 (6) ¢4,001-¢5,000
(7) ¢5,001-¢6,000 (8) ¢6,001-¢10,000 (9) ¢10,001-¢15,000
(10) More than ¢15,000 (11) Doesn't know/doesn't answer (DK/DA)

P1_5. How much is your family's total expenditure per month?

- (1) Less than 1,000 colones (2) ¢1,001-¢2,000 (3) ¢2,001-¢3,000
(4) ¢3,001-¢4,000 (5) ¢4,001-¢5,000 (6) ¢5,001-¢6,000
(7) ¢6,001-¢10,000 (8) ¢10,001-¢15,000 (9) More than ¢15,000

P1_6. How many years have you or your family lived in this municipality?

- (1) Less than 4 years (2) Between 4 and 8 years (3) Between 9 and 12 years
(4) Between 13 and 19 years (5) 20 years or more

P1_7. Have you or your family always lived in the same house or have you ever changed your place of residence since you came to live in this municipality?

- (1) Has always lived in the same house (2) Has changed place of residence (3) DK/DA

2. PRESENT SITUATION OF PUBLIC SERVICES

P2_1. Do you have water supply in your house?

- (1) Yes (2) No

P2_2. What type of toilet facility do you use in your house?

- (1) No toilet (2) Toilet connected to sewerage pipe (3) Toilet connected to septic tank
(4) Latrine (5) Fertilizing latrine (6) Others: _____ (7) No

answer

P2_3. Do you have electricity in your house?

- (1) Yes (2) No

P2_4. Can a collection service truck have access to your house?

- (1) Yes, it can (2) No, it can not.

P2_5. What type of pavement does the access road to your house have?

- (1) No pavement (2) Asphalt pavement (3) Gravel, cement or brick pavement
(4) Cobblestone (5) Paved (6) Others: _____

P2_6. Thinking about your daily needs, please prioritize which of the following aspects should be solved or improved. *[list in the order in which the interviewee mentions the different options; write in order of importance ALL the alternatives]*

- (1) Storm water drainage _____
- (2) Water supply _____
- (3) Sewer pipe network _____
- (4) Black water collection _____
- (5) Waste collection _____
- (6) Electricity supply _____
- (7) Access road to the house _____
- (8) Others (specify) _____

3. QUESTIONS ON WASTE DISCHARGE IN THE HOUSE

P3_1. In your house, how do you dispose of the waste?

- (1) Through municipality collection service
- (2) Hand it to private collector
- (3) Burn it
- (4) Take it to a container
- (5) Discharge it anywhere
- (6) Bury it
- (7) Others: (specify) _____

P3_2. Normally, what type of container do you use to collect waste generated in your house? *[mark ALL answers]*

- (1) Don't use container *[go to P3_4]*
- Plastic bag
- Paper bag
- Carton box
- Metal/plastic/wood container
- Others: _____

P3_3. Why do you use such containers?

- (1) It keeps the place clean after the collection work
- (2) It prevents foul odors
- (3) It is easy to handle
- (4) Keeps away pests such as flies
- (5) Others: (specify) _____

P3_4. Do you suffer from animal scavenging (dogs, cats and/or other animals scatter your waste)?

- (1) Yes, often
- (2) Sometimes
- (3) No

P3_5. Do you have garden waste (such as fallen leaves and branches or grass and weeds)?

- (1) Yes *[next]*
- (2) No *[go to P4_1]*

P3_6. How do you generally discharge your garden wastes?

- (1) Discharge at the collection point with the other waste
- (2) Call municipality collector
- (3) Self disposal (open combustion, bury in the backyard, etc.)
- (4) Composting (produce fertilizer from waste)
- (5) Hand to private collector
- (6) Others: (specify) _____
- (7) Doesn't know

4. QUESTIONS ON WASTE COLLECTION SERVICES IN THE AREA

P4_1. Do you have waste collection service in your area?

- (1) Yes *[next]*
- (2) No *[go to P4_8]*

P4_2. Who collects your waste?

- (1) Municipal collector
- (2) Private collector
- (3) Others: (specify) _____

P4_3. Are you satisfied with the collection service?

- (1) Yes *[go to P4_5]*
- (2) No *[next]*

P4_4. Why are you unsatisfied with the service?

- (1) Frequency of collection is too low
- (2) Frequency of collection is irregular
- (3) Collection time is not appropriate
- (4) Collection workers don't pick up waste
- (5) Waste collection fee is too expensive
- (6) Collection point is too far
- (7) Others: (specify) _____

P4_5. How is your waste collected?

- (1) Leaves waste outside of the house
- (2) Carries waste to a certain collection point (containers)
- (3) Carries waste directly to waste collection truck
- (4) Others: (specify) _____

P4_6. How often is your waste collected?
(1) Once a week (2) Twice a week (3) Three times a week
(4) More than three times a week (5) Others: (specify) _____

P4_7. Is the waste collection service done at a fixed time of the day?
(1) Yes (2) No **[in any case go to P5_1]**

P4_8. Would you be willing to pay if you received the waste collection service?
(1) Yes, I would pay for the service (2) I would not pay for the service

5. QUESTIONS ON RECYCLING AND WASTE REDUCTION

P5_1. If the municipality introduces a separate waste collection system, would you be willing to separate your wastes into:
a) compostable waste such as food, paper and garden waste; b) recyclable waste such as metals and bottles and c) other wastes?
(1) Yes **[go to P5_3]** (2) No **[next]**

P5_2. If "No", what are the reasons?
(1) It requires too much effort (2) It requires more containers (3) It is inconvenient
(4) It may increase the collection fee (5) Others: (specify) _____

P5_3. Do you think recycling is necessary in the Great San Salvador Metropolitan Area?
(1) Yes (2) No

P5_4. Is there someone who comes around to collect or buy your reusable or recyclable materials?
(1) Yes **[next]** (2) No **[go to P5_6]**

P5_5. Which materials do they collect or buy from you? **[mark everything the interviewee says]**

<input type="checkbox"/> Bottles	<input type="checkbox"/> Glass	<input type="checkbox"/> Cardboard	<input type="checkbox"/> Paper
<input type="checkbox"/> Aluminium cans	<input type="checkbox"/> Steel cans	<input type="checkbox"/> Metal	<input type="checkbox"/> Food waste
<input type="checkbox"/> Garden waste	<input type="checkbox"/> Plastic	<input type="checkbox"/> Clothes, textiles	<input type="checkbox"/> Leather
<input type="checkbox"/> Wood	<input type="checkbox"/> Tires	<input type="checkbox"/> Others: _____	

P5_6. Do you sell recyclable materials to shops?
(1) Yes, I do **[next]** (2) No, I do not **[go to P5_8]**

P5_7. Which materials do you sell to shops? **[mark everything the interviewee says]**

<input type="checkbox"/> Bottles	<input type="checkbox"/> Glass	<input type="checkbox"/> Cardboard	<input type="checkbox"/> Paper
<input type="checkbox"/> Aluminium cans	<input type="checkbox"/> Steel cans	<input type="checkbox"/> Metal	<input type="checkbox"/> Food waste
<input type="checkbox"/> Garden waste	<input type="checkbox"/> Plastic	<input type="checkbox"/> Clothes, textiles	<input type="checkbox"/> Leather
<input type="checkbox"/> Wood	<input type="checkbox"/> Tires	<input type="checkbox"/> Others: _____	

P5_8. If the community in your area were to raise funds through the sale of reusable or recyclable materials, would you cooperate with it by donating those materials?
(1) Yes, I would (2) No, I would not (3) I don't know

P5_9. Do you use kitchen and/or garden waste for compost?
(1) Yes, I do (2) No, I do not

P5_10. Do you dispose of waste by means of a way other than recycling and composting (such as burning)?
(1) Yes, I burn it (2) Yes, I bury it (3) Yes, I throw it (4) No, I do not

P5_11. Do you buy environmentally friendly goods?
(1) Yes, if they are cheaper than the ones currently sold (2) Yes, if they cost the same as the normal ones
(3) Yes, even if they are more expensive than the normal ones (4) No, I do not
(5) I don't know the existence of such goods

6. COLLECTION FEE AND FINANCIAL MATTERS

P6_1. Which authority do you understand to be responsible for municipal solid waste management?
(1) Central government (2) COAMSS (3) Local municipality
(4) Others: (specify) _____

P6_2. How satisfied are you with the solid waste management carried out by the municipality?
(1) Very satisfied (2) Somehow satisfied (3) Poorly satisfied (4) Unsatisfied

P6_3. Do you pay for the waste collection service?
(1) Yes, I do **[next]** (2) No, I do not **[go to P6_6]**

P6_4. Approximately, how much do you pay for the collection service (per month)? _____ colones (1) DK

P6_5. What do you think about the amount of waste collection fee?

- (1) It is too high (2) It is appropriate (3) It is cheap

P6_6. Supposing that collection services were operating satisfactorily, how much would you consider to be fair to pay for the service?

- (1) I can't pay anything (2) Less than ¢10 per month (3) From ¢10 to ¢20 per month
(4) From ¢20 to ¢30 per month (5) From ¢30 to ¢40 per month (6) From ¢40 to ¢50 per month
(7) More than ¢50 per month

How much do you pay for ...

P6_7. Electricity service ¢ _____ per month

P6_8. Water supply service ¢ _____ per month

P6_9. Income tax ¢ _____ per month

7. WASTE COLLECTION CHARGE SYSTEM

P7_1. Do you accept waste collection fee is set depending on...? [plural answer question]

- Land area of property Amount of your income Quantity of water consumed
 Electricity consumed Amount of waste discharged

P7_2. Do you accept...?

- (1) Joint billing w/ income tax (municipality) (2) Joint billing w/ property tax (3) Joint billing w/ water supply
(4) Joint billing w/ electricity (5) Independent direct billing (only waste)

P7_3. How often would you like to pay your bill?

- (1) Monthly (2) Once every 3 months (3) Once every 6 months (4) Annually

8. PUBLIC COOPERATION

P8_1. Have you ever been taught methods of proper waste handling and discharge?

- (1) Yes [next] (2) No [go to P8_3]

P8_2. Who taught you such methods?

- (1) Family members (2) At school (3) Municipality
(4) Central government (5) Others: (specify) _____

P8_3. Does anyone in your family or your maid clean the road shoulder or adjacent public areas in front of your house?

- (1) Yes, almost daily (2) Yes, sometimes (3) No

P8_4. Do you think a campaign to raise awareness of people for maintaining a cleaner city and environment is important at school?

- (1) Yes (2) No, it is not

P8_5. It is obviously required that the Municipality endeavors more to improve solid waste management. However, public cooperation is also required. Would you cooperate in maintaining a cleaner city and environment?

- (1) Yes, I would (2) No, I would not

P8_6. Do you think a campaign to raise awareness of people for maintaining a cleaner city and environment is necessary?

- (1) Yes [next] (2) No [go to P9_1]

P8_7. Who should take such action?

- (1) Central government (2) COAMSS (3) Municipality
(4) Community (5) Schools (6) Family members
(7) Private enterprise (8) Others: _____

9. PRIORITY PROBLEMS RELATED TO SOLID WASTE MANAGEMENT

P9_1. Which are the three main problems related to solid waste management to you? *[write the TOP THREE problems mentioned by the interviewee]*

- (1) Unreliable waste collection _____
- (2) Increase of mice and rats _____
- (3) Smoke caused by burning waste in the nearby area _____
- (4) Offensive odor caused by illegal dumping _____
- (5) Blockage of drainage caused by waste _____
- (6) Looks dirty _____
- (7) Dirty water, smoke, offensive odor, etc. generated by disposal site _____

OBSERVATIONS: _____

Questionnaire

Institutions

**- Private companies and public
institutions**

**The Study on Regional Solid Waste Management for
San Salvador Metropolitan Area in the Republic of El Salvador
Questionnaire for Public Opinion Survey
(Institutions-private companies and public institutions)**

Interviewer: _____ Date: _____
 Municipality: _____ Segment: _____
 Name of the institution: _____
 Enterprise/office/business address: _____
 Name of person giving the information: _____

1. GENERAL QUESTIONS

P1_6. What kind of wastes are mainly generated in your institution? *[mark everything the interviewee says]*

- Paper
- Textiles
- Plastic
- Steel
- Leather
- Cardboard
- Garden waste
- Rubber
- Aluminium
- Dust, ashes
- Wood
- Food waste
- Glass
- Other metals
- Others: _____

P1_7. How many cubic meters of waste are approximately generated per week, including recycled waste?

- (1) Less than 1 m³/week
- (2) Between 1 m³ and 5 m³/week
- (3) Between 5 m³ and 10 m³/week
- (4) More than 10 m³/week

2. WASTE STORAGE, DISCHARGE, COLLECTION AND DISPOSAL

P2_1. Where do you store your waste?

- (1) In the establishment
- (2) Outside the establishment

P2_2. What type of container do you use for storing waste? *[mark everything the interviewee mentions]*

- Plastic bags
- Carton boxes
- Basket
- Paper bags
- Metal/ plastic/ wood containers
- Others: _____

P2_3. Who collects your waste?

- (1) Municipal waste collector *[next]*
- (2) Private collector *[next]*
- (3) Both municipal and private waste collector *[next]*
- (4) We take it to a specific place (specify the place) _____ *[go to P2_9]*
- (5) Others: (specify) _____

P2_4. How is your waste collected?

- (1) waste collection workers come into establishment to fetch the waste
- (2) we put waste in front of our institution
- (3) we carry waste to a certain waste collection point
- (4) we directly carry waste to a waste collection truck
- (5) Others: (specify) _____

P2_5. How often is your waste collected?

- (1) Once a week
- (2) Twice a week
- (3) Three times a week
- (4) More than three times
- (5) Others: (specify) _____

P2_6. Is the waste collection service done at a fixed time of the day?

- (1) Yes (2) No

P2_7. How satisfied are you with the collection service?

- (1) Very satisfied **[go to P2_10]**
(2) Somehow satisfied **[next]**
(3) Poorly satisfied **[next]**
(4) Unsatisfied **[next]**

P2_8. Why aren't you completely satisfied with the collection service? **[in any case go to P2_10]**

- (1) Frequency of waste collection service is too low (2) Frequency of waste collection is irregular
(3) Waste collection time is not appropriate (4) Collection workers don't pick up waste
(5) Waste collection fee is too expensive (6) Waste collection point is too far
(7) Others: (specify) _____

P2_9. Why do you directly carry your waste?

- (1) Because we don't have the municipal waste collection service
(2) Because the municipal waste collection service does not satisfy our demands
(3) Because it is the cheapest choice for us
(4) Other: (specify) _____

P2_10. Do you know where your waste is disposed of?

- (1) Municipal landfill (specify the name) _____
(2) Land which you own
(3) Private lands
(4) Other: (specify) _____
(5) Doesn't know

P2_11. What do you think that waste collection service should be in the future (about in 10years)

- (1) Municipality should continue executing the service
(2) The waste collection service should be privatized
(3) Other: (specify) _____

3. RECYCLING AND WASTE REDUCTION

P3_1. Do you separate your waste so that it can be collected for recycling?

- (1) yes **[continue]** (2) Sometimes **[continue]** (3) No **[go to P3_5]**

P3_2. Why do you separate waste? **[mark everything the interviewee mentions]**

- For selling it to manufacturers
- For selling it to local peddlers
- For reducing waste volume to minimize collection fee
- For reducing waste volume to minimize adverse impact on environment
- Other: (specify) _____

P3_3. How many cubic meters of waste do you normally recycle per week?

- (1) Less than 0.5 m³/per week
(2) Between 0.5 m³ and 1 m³/per week
(3) Between 1 m³ and 5 m³/per week
(4) Between 5 m³ and 10 m³/per week
(5) More than 10 m³/per week

P3_4. Which type of waste do you separate? *[mark everything the interviewee mentions] [in any case go to P3_6]*

- Paper
- Plastic bottles
- Glass bottles
- Steel
- Leather
- Others: _____
- Cardboard
- Plastic
- Other glass
- Aluminium
- Tires
- Wood
- Textiles
- Food waste
- Other metals
- Toxic waste

P3_5. Why you do not separate your waste?

- (1) There is no reason to separate it
- (2) It is troublesome to separate it
- (3) The waste collectors separate them
- (4) It increases the costs
- (5) Other: (specify) _____

P3_6. Do you think recycling is necessary for San Salvador Metropolitan Area? *[read options]*

- (1) Yes, it is necessary right now
- (2) No, it is not necessary right now, but it should be introduced in 5 years
- (3) No, it is not necessary right now, but it should be introduced in 10 years
- (4) No, it is not necessary right now and in the future

5. PUBLIC COOPERATION

P5_1. Does anyone of your employees clean the road shoulder or adjacent public area in front of your establishment?

- (1) Yes, almost everyday
- (2) Yes, sometimes
- (3) No

P5_2. It is obviously required that the municipality endeavor more to improve solid waste management. However, public cooperation is also required. Would you cooperate in maintaining a cleaner city and environment?

- (1) Would participate
- (2) Would not participate

P5_3. Do you think a campaign to raise awareness of people for maintaining the cleaner city and environment is necessary?

- (1) Yes, it is necessary *[next]*
- (2) No, it is not necessary *[go to P6_1]*

P5_4. Who should take such actions?

- (1) Central government
- (2) COAMSS
- (3) Local Municipality
- (4) Community
- (5) School
- (6) Family
- (7) Private companies
- (8) Other: _____

6. PRIORITY OF PROBLEMS RELATED TO SOLID WASTE MANAGEMENT

P6_1. What is the concerned problems related to solid waste management for you? *[select top three]*

- (1) Unreliable waste collection _____
- (2) Increase of mice and rats _____
- (3) Smoke caused by burning waste in the areas nearby _____
- (4) Offensive odor caused by illegal dumping _____
- (5) Blockage of drainage caused by waste _____
- (6) Looks dirty _____
- (7) Dirty water, smoke, offensive odor, etc. generated by disposal site _____

QUESTIONS FOR ADMINISTRATIVE STAFF

P1_1. What is your business?

- (1) Municipal market
- (2) Supermarket
- (3) Government /municipal office
- (4) Hotel (specify number of rooms) _____
- (5) Restaurant (specify a seating capacity) _____
- (6) Shop
- (7) Other: (specify) _____

P1_2. How many employees do you have?

- (1) Less than 10
- (2) between 10 and 19
- (3) Between 20 and 49
- (4) Between 50 and 99
- (5) 100 or more
- (6) Doesn't know / doesn't answer

P1_3. How much are the annual sales?

- (1) Less than ₡50,000 per year
- (2) Between ₡50,000 and ₡100,000 per year
- (3) Between ₡100,001 and ₡500,000 per year
- (4) Between ₡500,001 and ₡1,000,000 per year
- (5) Between ₡1,000,001 and ₡5,000,000 per year
- (6) More than ₡5,000,000 per year

P1_4. How large is total floor area of your institution?

- (1) Less than 50 m²
- (2) Between 50 m² and 99 m²
- (3) Between 100 m² and 199 m²
- (4) Between 200 m² and 499 m²
- (5) Between 500 m² and 999 m²
- (6) 1,000 m² or more

P1_5. How many years have you been running your business here?

- (1) Less than 5 years
- (2) Between 5 and 9 years
- (3) Between 10 and 19 years
- (4) 20 years or more
- (5) Doesn't answer/doesn't know

P3_7. How much do you consider it would be fair to pay for the collection service if the fee increases due to the implementation of a recycling program in the San Salvador Metropolitan Area?

- (1) Fee should not increase
- (2) Up to 10% more
- (3) Up to 50% more
- (4) More than 50%

4. COLLECTION FEE AND FINANCIAL MATTERS

P4_1. How much do you pay for the collection service per month?

- _____ colones/month
- (1) Doesn't pay **[go to P4_4]**
 - (2) Doesn't know **[go to P4_4]**

P4_2. Who do you pay it to?

- (1) Municipality
- (2) Private collector
- (3) Other: (specify) _____

P4_3. What do you think about the amount of waste collection fee?

- (1) It is too high
- (2) It is appropriate
- (3) It is cheap

P4_4. Supposing that collection services were operating satisfactory, how much do you think that your household would be willing to pay for the waste collection service? _____ colones per month

P4_5. Do you accept waste collection fee which is set depending on: **[mark everything the interviewee mentions]**

- Annual sales
- Total floor area
- Number of employees
- Amount of waste
- Electricity consumption
- Water supply consumption
- Number of seats
- Number of rooms

P4_6. How often would you like to pay your bill?

(1) Monthly

(2) Once every three months

(3) Once every six months

(4) Once a year

(5) Other: (specify) _____

How much do you pay monthly for ...

P4_7. Electricity service ¢ _____ Monthly

P4_8. Water supply service ¢ _____ Monthly

P4_9 Income tax ¢ _____ Monthly

OBSERVATIONS: _____

Data B---Part 1

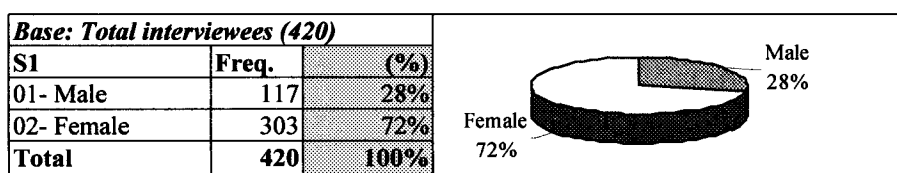
Household survey

**The Study on Regional Solid Waste Management for
San Salvador Metropolitan Area in the Republic of El Salvador
Questionnaire for Public Opinion Survey
(Household)**

Interviewer: _____ Supervisor: _____
 Date: _____ Socio economic strata: _____
 Municipality: _____ Segment: _____
 Household address: _____

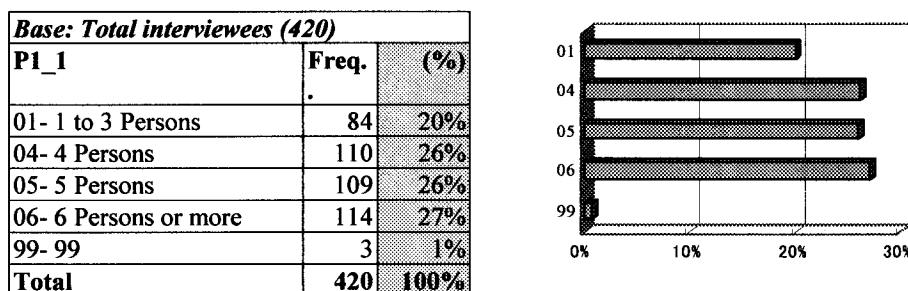
1. GENERAL QUESTIONS

S1. WRITE: Gender: (1) Male (2) Female

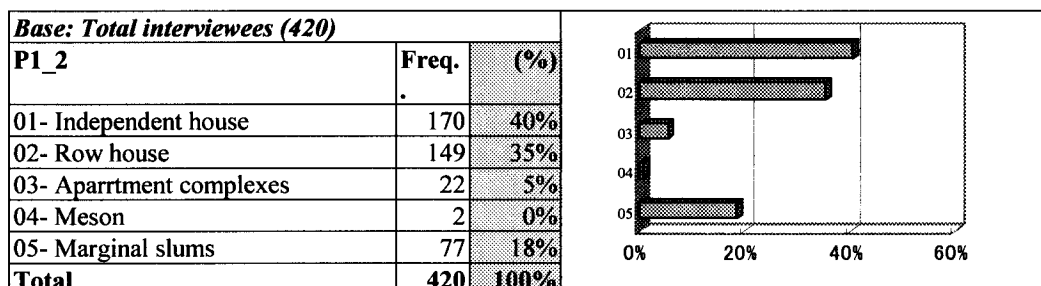


<i>How frequently do you ...</i>	Every day	Once or twice a week	Rarely	Never
SA1. Listen to the news on the radio?	(1)	(2)	(3)	(4)
SA2. watch the news on T.V.?	(1)	(2)	(3)	(4)
SA3. Read the news on the newspaper?	(1)	(2)	(3)	(4)

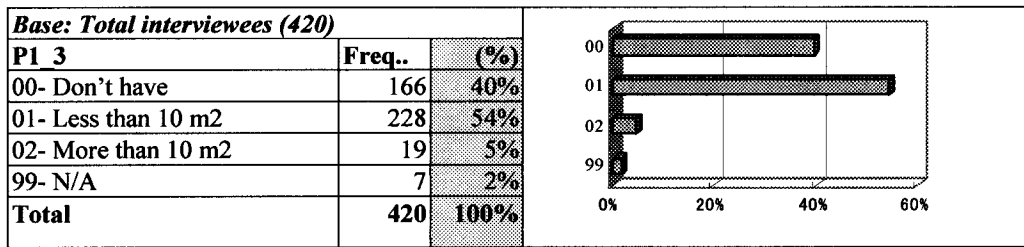
P1_1. How many persons live in your house, including yourself and maids? _____



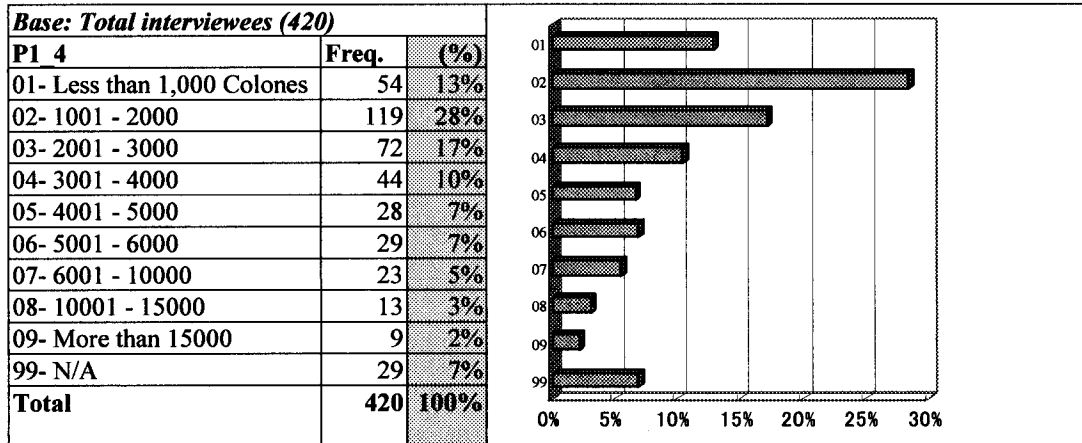
P1_2. WRITE: What category is your building?



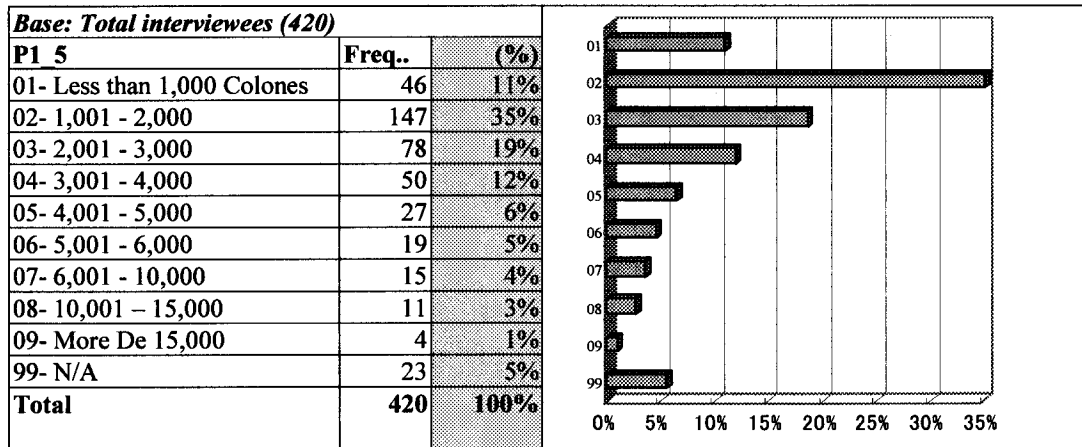
P1_3. How many square meters of garden does your house have?
 (1) It has no garden (2) Less than 100 m² (10m X 10m) (3) More than 100 m² (10m X 10m)



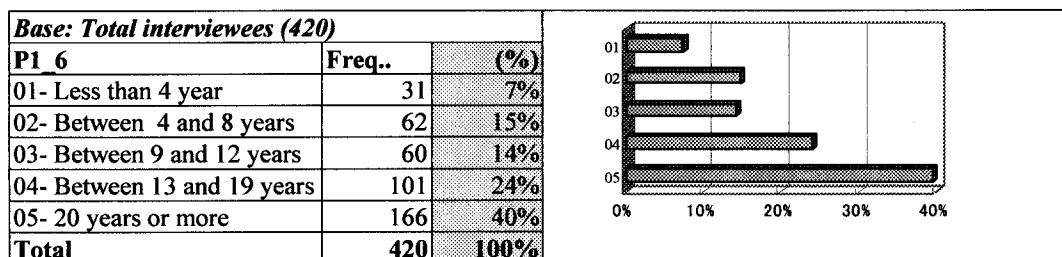
P1_4. How much is the total income of your family per month? *[Including exterior remittances]*



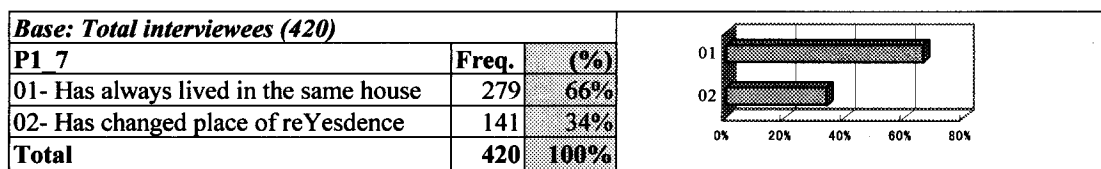
P1_5. How much is your family's total expenditure per month?



P1_6. How many years have you or your family lived in this municipality?

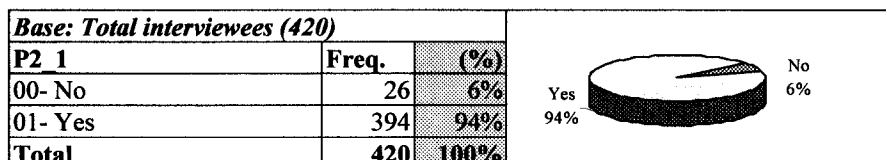


P1_7. Have you or your family always lived in the same house or have you ever changed your place of reYesdence
Yesnce you came to live in this municipality?

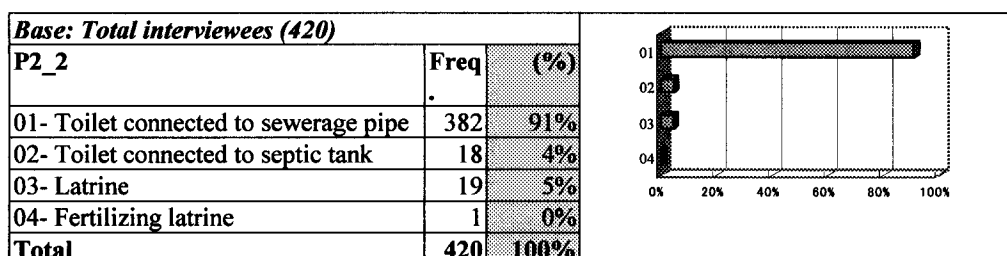


2. PRESENT YESTUATION OF PUBLIC SERVICES

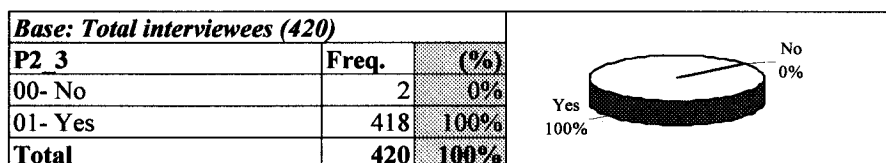
P2_1. Do you have water supply in your house?



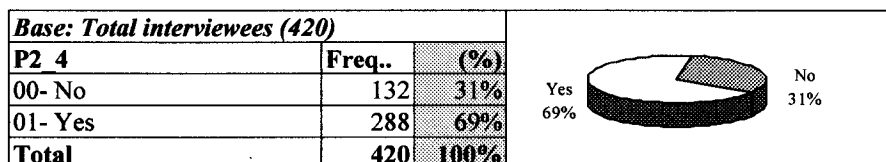
P2_2. What type of toilet facility do you use in your house?



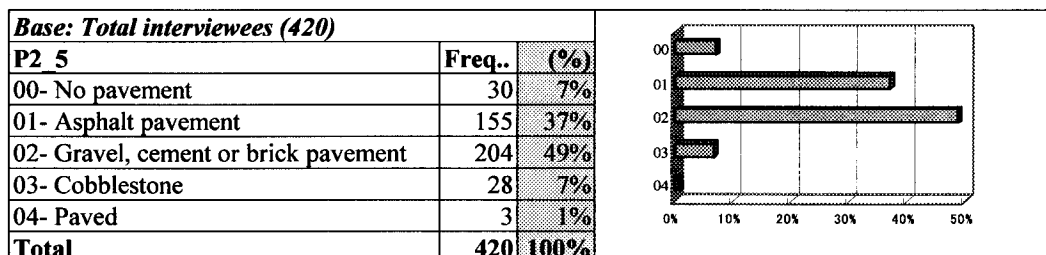
P2_3. Do you have electricity in your house?



P2_4. Can a collection service truck have access to your house?



P2_5. What type of pavement does the access road to your house have?



P2_6. Thinking about your daily needs, please prioritize which of the following aspects should be solved or improved. *[list in the order in which the interviewee mentions the different options; write in order of importance ALL the alternatives]*

Base: Total interviewees (420)

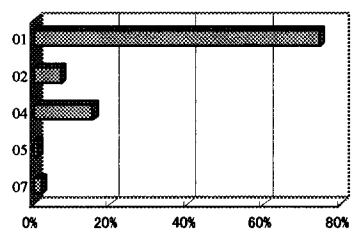
P2-6	1	%	2	%	3	%	4	%	5	%	6	%	7	%	8	%
00- No problem	55	13%	126	30%	201	48%	242	58%	266	63%	280	67%	286	68%	416	99%
01- Storm water drainage	60	14%	44	10%	42	10%	32	8%	31	7%	16	4%	14	3%		
02- Water supply	109	26%	49	12%	25	6%	20	5%	14	3%	8	2%	7	2%		
03- Sewer pipe network	10	2%	26	6%	32	8%	28	7%	28	7%	26	6%	20	5%		
04- Black water collection	30	7%	50	12%	29	7%	32	8%	24	6%	18	4%	13	3%		
05- Waste collection	115	27%	60	14%	35	8%	20	5%	12	3%	8	2%	5	1%		
06- Electricity supply	14	3%	28	7%	19	5%	19	5%	17	4%	39	9%	34	8%	1	0%
07- Access road to the house	22	5%	28	7%	30	7%	25	6%	23	5%	24	6%	38	9%	1	0%
08- Others	5	1%	4	1%	3	1%	2	0%	5	1%		0%	3	1%		
09- Public Security			5	1%	4	1%					1	0%			2	0%
Total	420	100%	420	100%	420	100%	420	100%	420	100%	420	100%	420	100%	420	100%

3. QUESTIONS ON WASTE DISCHARGE IN THE HOUSE

P3_1. In your house, how do you dispose of the waste?

Base: Total interviewees (420)

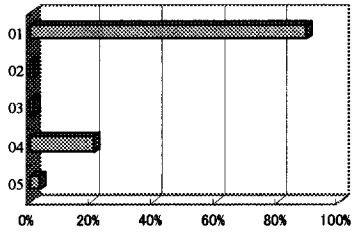
P3_1	Freq.	(%)
01- Through municipality collection service	313	75%
02- Hand it to private collector	30	7%
04- Take it to a container	65	15%
05- Discharge it anywhere	4	1%
07- Others	8	2%
Total	420	100%



P3_2. Normally, what type of container do you use to collect waste generated in your house? *[mark ALL answers]*

Base: Total interviewees (420)

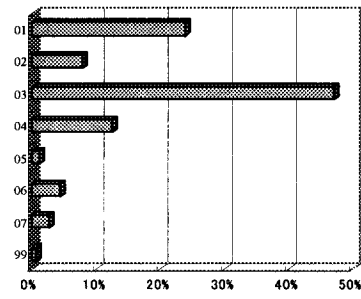
P3_2	Freq.	(%)
01- Plastic bag	374	89%
02- Paper bag	4	1%
03- Carton box	6	1%
04- Metal/plastic/wood container	87	21%
05- Others	13	3%



P3_3. Why do you use such containers?

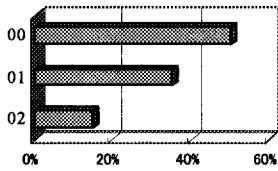
Base: Total interviewees (420)

P3_3	Freq.	(%)
01- It keeps the place clean after the collection work	100	24%
02- It prevents foul odors	33	8%
03- It is easy to handle	198	47%
04- Keeps away pests such as flies	52	12%
05- All	5	1%
06- It's cheaper	18	4%
07- Others	11	3%
09- N/A	3	1%
Total	420	100%



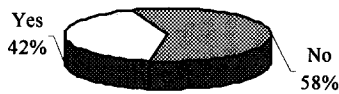
P3_4. Do you suffer from animal scavenging (dogs, cats and/or other animals scatter your waste)?
 (1) Yes, often (2) Sometimes (3) No

Base: Total interviewees (420)		
P3_4	Freq.	(%)
00- No	210	50%
01- Yes, often	147	35%
02- Sometimes	63	15%
Total	420	100%



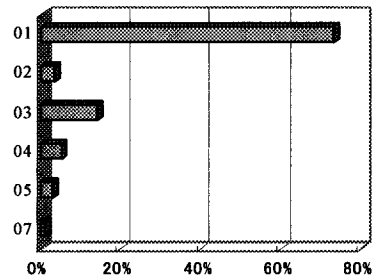
P3_5. Do you have garden waste (such as fallen leaves and branches or grass and weeds)?
 (1) Yes [next] (2) No [go to P4_1]

Base: Total interviewees (420)		
P3_5	Freq.	(%)
00- No	245	58%
01- Yes	175	42%
Total	420	100%



P3_6. How do you generally discharge your garden wastes?

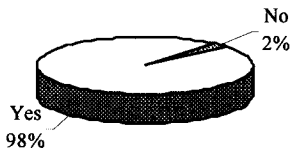
Base: Have garden waste (175)		
P3_6	Freq.	(%)
01- Discharge at the collection point with the other waste	128	73%
02- Call municipality collector	6	3%
03- Self disposal	25	14%
04- Composting	9	5%
05- Hand to private collector	5	3%
07- Others	2	1%
Total	175	100%



4. QUESTIONS ON WASTE COLLECTION SERVICEYESN THE AREA

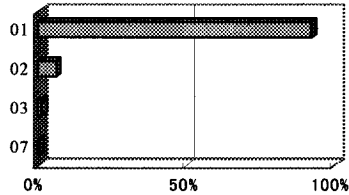
P4_1. Do you have waste collection service in your area?
 (1) Yes [next] (2) No [go to P4_8]

Base: Total interviewees (420)		
P4_1	Freq.	(%)
00- No	10	2%
01- Yes	410	98%
Total	420	100%



P4_2. Who collects your waste?

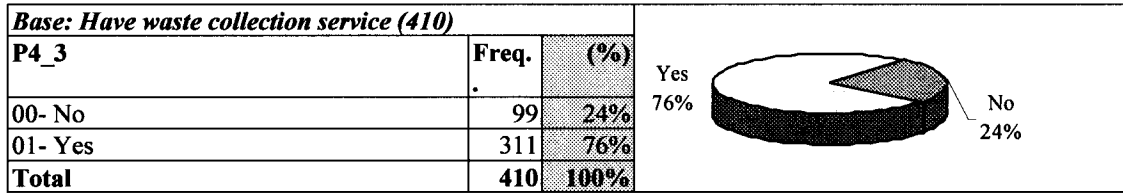
Base: Have waste collection service (410)		
P4_2	Freq.	(%)
01- Municipal collector	379	92%
02- Private collector	25	6%
03- Municipal and Private collector	5	1%
07- Others	1	0%
Total	410	100%



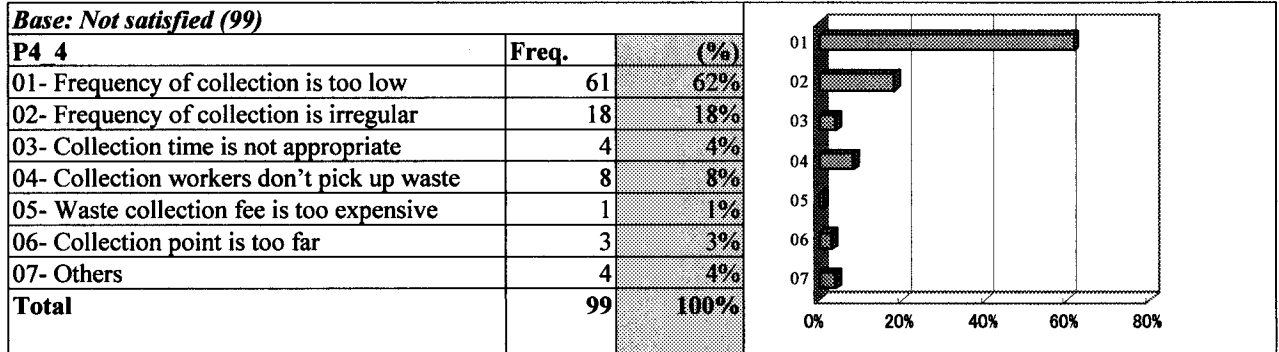
P4_3. Are you satisfied with the collection service?

(1) Yes [*go to P4_5*]

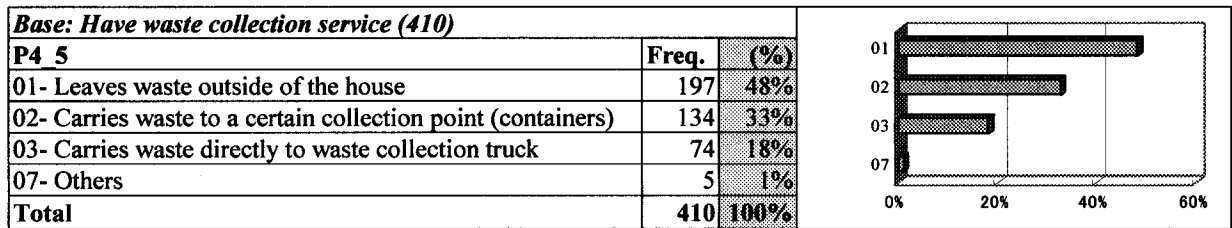
(2) No [*next*]



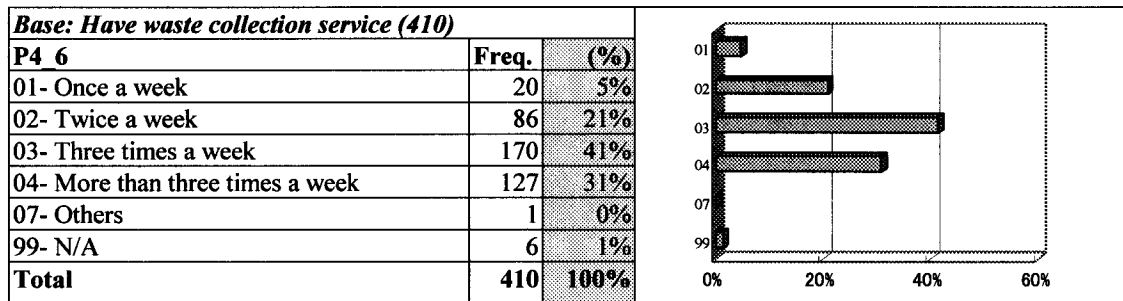
P4_4. Why are you unsatisfied with the service?



P4_5. How is your waste collected?



P4_6. How often is your waste collected?

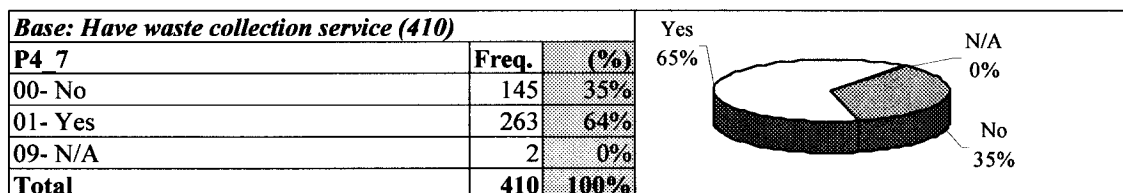


P4_7. Is the waste collection service done at a fixed time of the day?

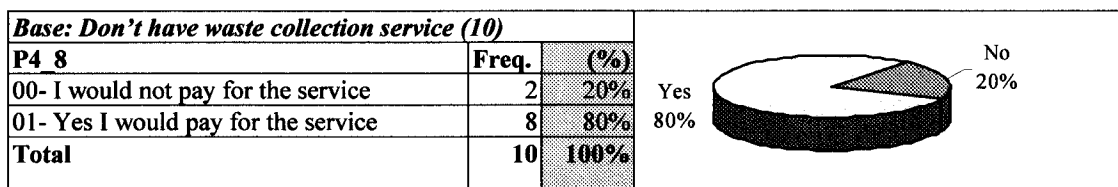
(1) Yes

(2) No

[*in any case go to P5_1*]



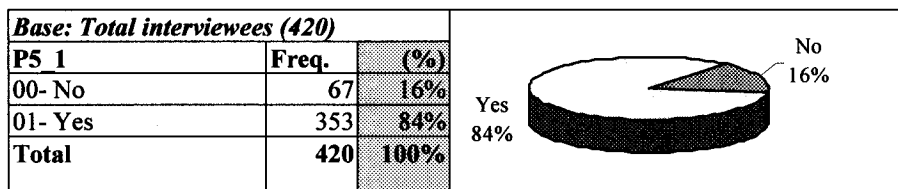
P4_8. Would you be willing to pay if you received the waste collection service?



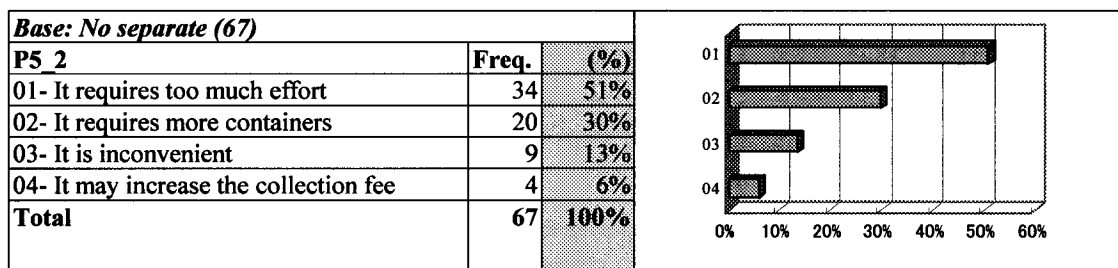
5. QUESTIONS ON RECYCLING AND WASTE REDUCTION

P5_1. If the municipality introduces a separate waste collection system, would you be willing to separate your waste? Yes to: a) compostable waste such as food, paper and garden waste; b) recyclable waste such as metals and bottles and c) other wastes?

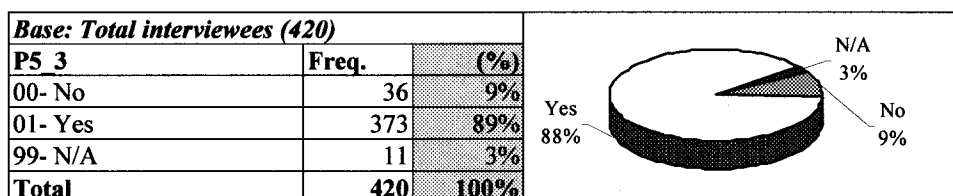
(1) Yes *[go to P5_3]* (2) No *[next]*



P5_2. If "No", what are the reasons?

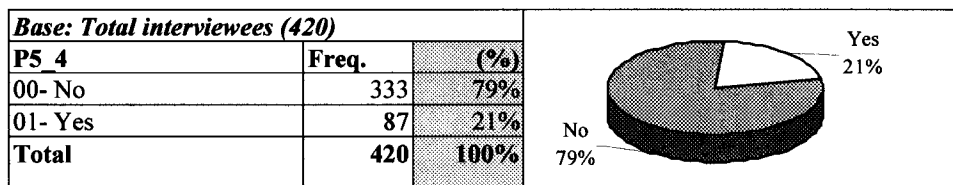


P5_3. Do you think recycling is necessary in the Great San Salvador Metropolitan Area?

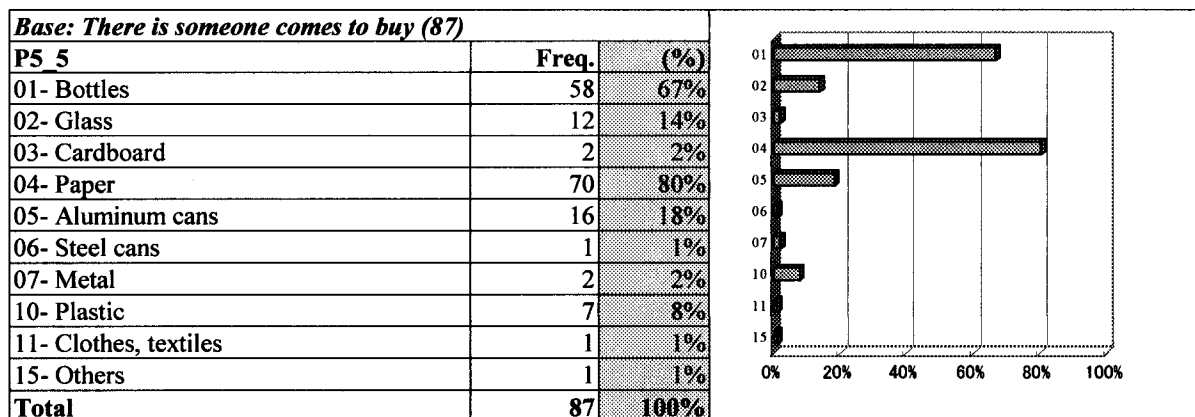


P5_4. Is there someone who comes around to collect or buy your reusable or recyclable materials?

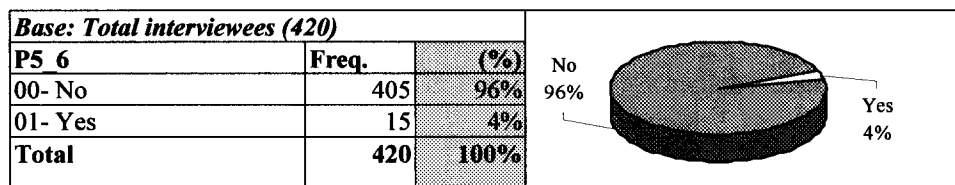
(1) Yes *[next]* (2) No *[go to P5_6]*



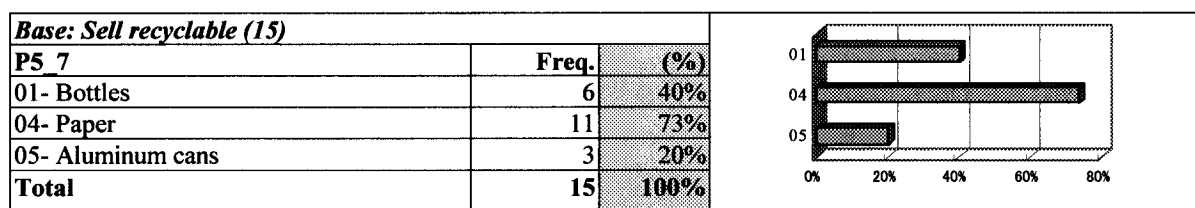
P5_5. Which materials do they collect or buy from you? *[mark everything the interviewee says]*



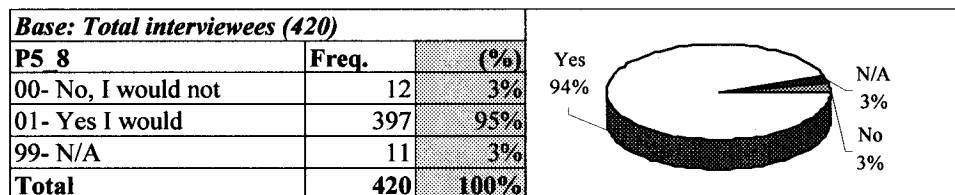
P5_6. Do you sell recyclable materials to shops?



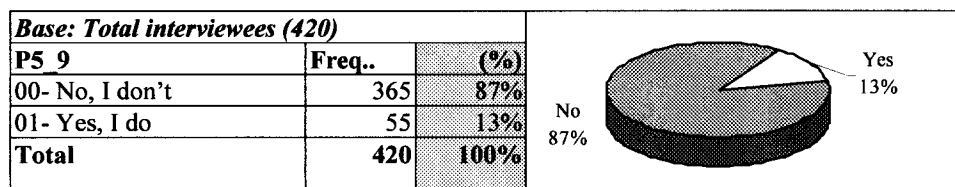
P5_7. Which materials do you sell to shops? *[mark everything the interviewee says]*



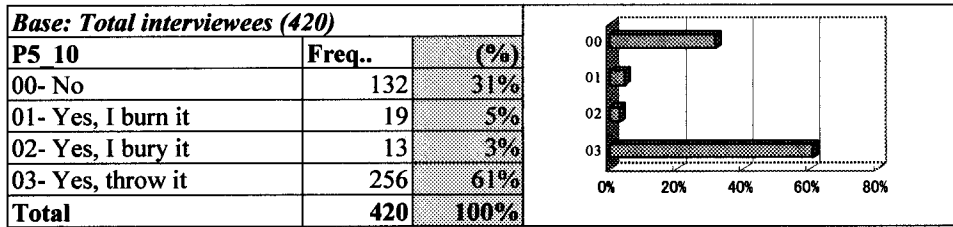
P5_8. If the community in your area were to raise funds through the sale of reusable or recyclable materials, would you cooperate with it by donating those materials?



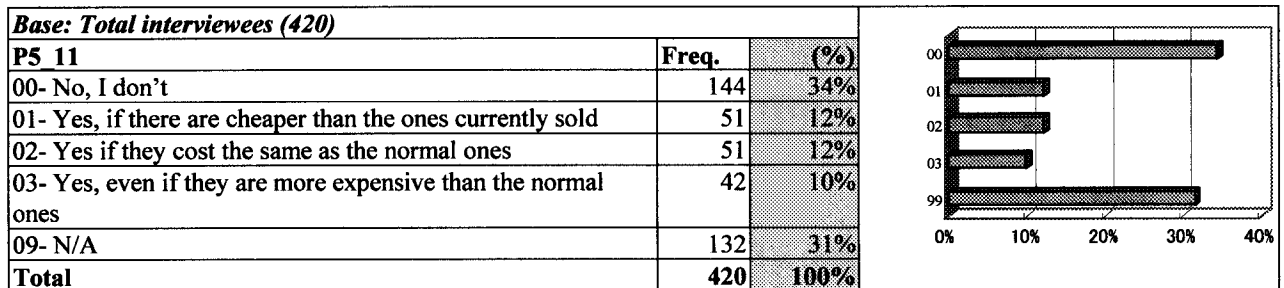
P5_9. Do you use kitchen and/or garden waste for compost?



P5_10. Do you dispose of waste by means of a way other than recycling and composting (such as burning)?
 (1) YeYes burn it (2) YeYes bury it (3) YeYes throw it (4) No, I do not

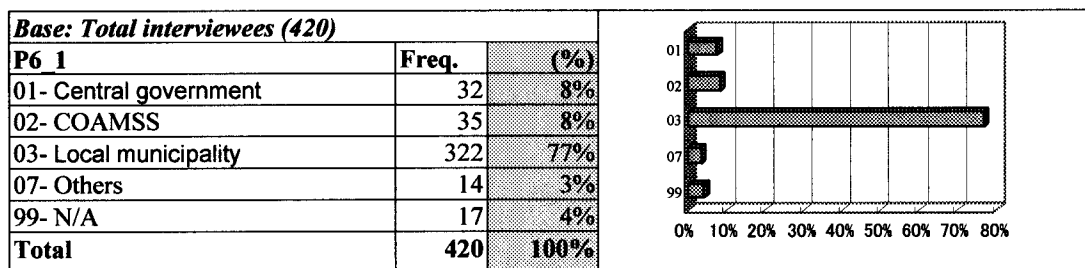


P5_11. Do you buy environmentally friendly goods?

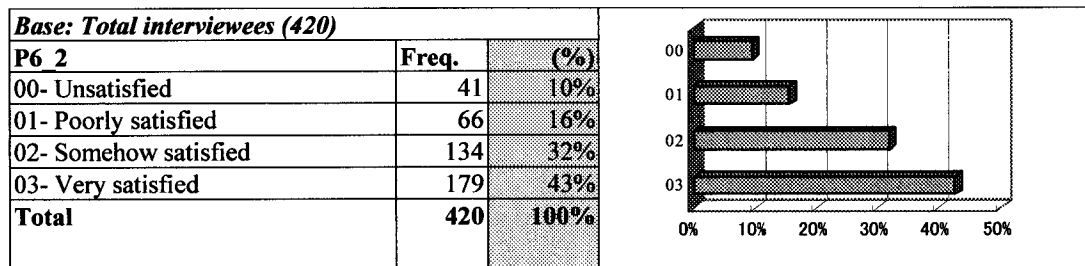


6. COLLECTION FEE AND FINANCIAL MATTERS

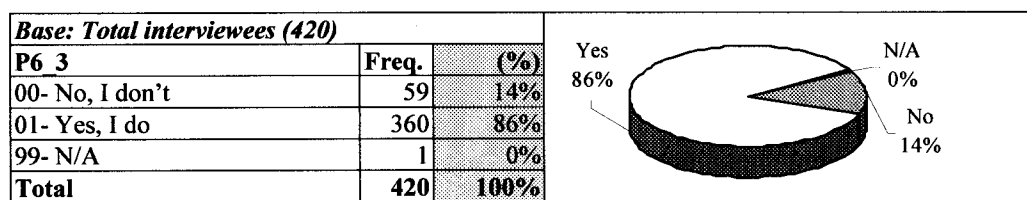
P6_1. Which authority do you understand to be responsible for municipal solid waste management?



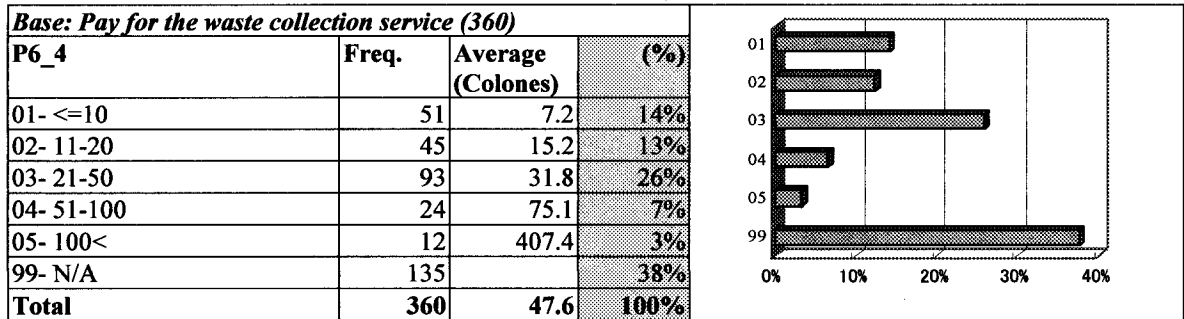
P6_2. How satisfied are you with the solid waste management carried out by the municipality?



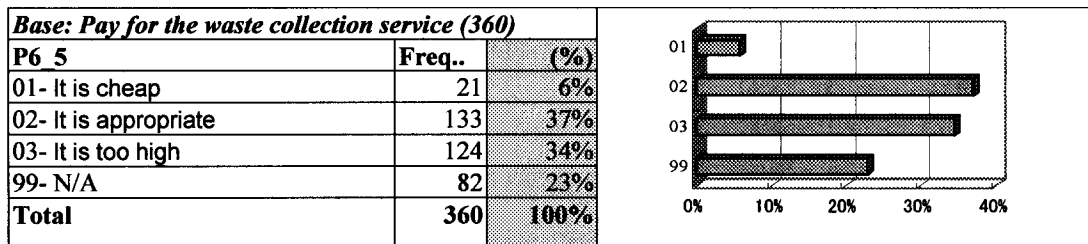
P6_3. Do you pay for the waste collection service?



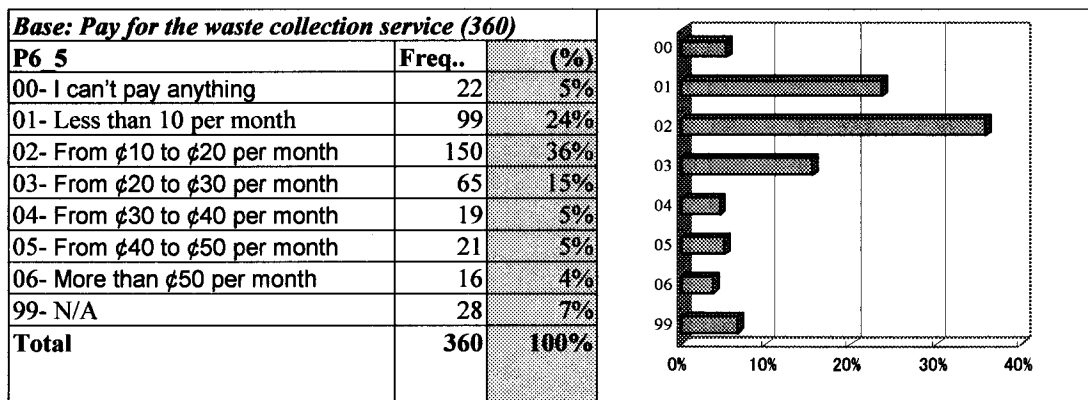
P6_4. Approximately, how much do you pay for the collection service (per month)? _____ colones (1) DK



P6_5. What do you think about the amount of waste collection fee?



P6_6. Supposing that collection services were operating satisfactorily, how much would you consider to be fair to pay for the service?



How much do you pay for ...

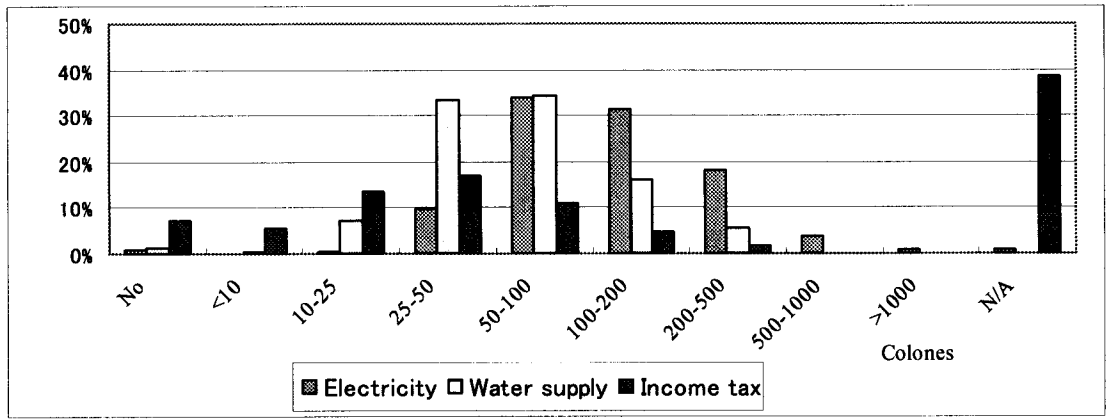
P6_7. Electricity service ¢ _____ per month

P6_8. Water supply service ¢ _____ per month

P6_9. Income tax ¢ _____ per month

Base: Total interviewees (420)

Colonos	P6 7. Electricity		P6 8. Water supply		P6 9. Income tax	
	Freq..	%	Freq..	%	Freq..	%
00- No	3	1%	5	1%	31	7%
01- Less than 10 colonos		0%	1	0%	24	6%
02- 10 - 25 colonos	2	0%	31	7%	57	14%
03- 25 - 50 colonos	41	10%	141	34%	72	17%
04- 50 - 100 colonos	143	34%	145	35%	47	11%
05- 100 - 200 colonos	132	31%	68	16%	19	5%
06- 200 - 500 colonos	77	18%	23	5%	8	2%
07- 500 - 1000 colonos	16	4%		0%		0%
08- More than 1000 colonos	3	1%		0%		0%
99- N/A	3	1%	6	1%	162	39%
Total	420	100%	420	100%	420	100%

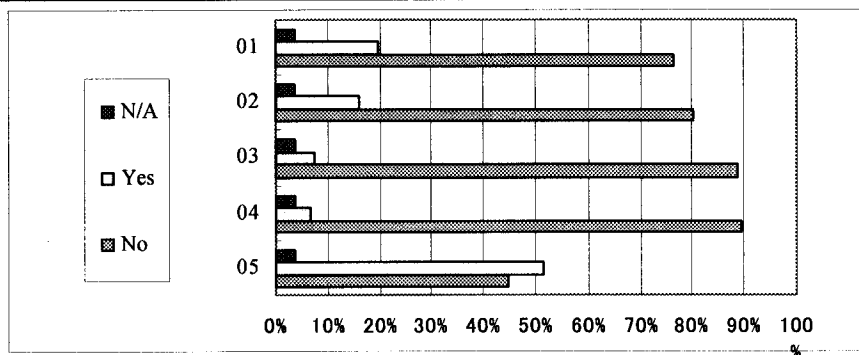


7. WASTE COLLECTION CHARGE SYSTEM

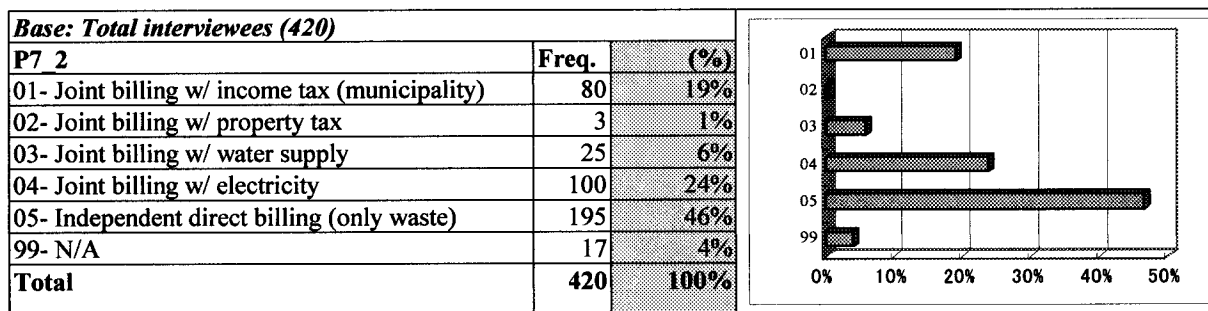
P7_1. Do you accept waste collection fee is set depending on...? [plural answer question]

Base: Total interviewees (420)

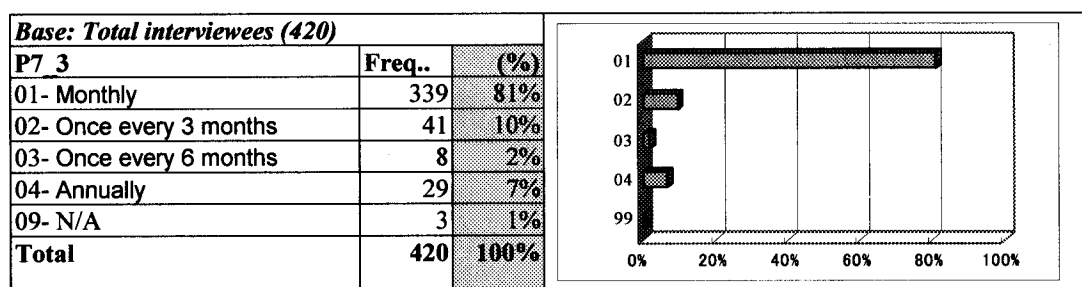
P7_1	No		Yes		N/A	
	Freq..	%	Freq..	%	Freq..	%
01- Land area of property	321	76%	83	20%	16	4%
02- Amount of your income	337	80%	67	16%	16	4%
03- Quantity of water consumed	373	89%	31	7%	16	4%
04- Electricity consumed	376	90%	28	7%	16	4%
05- Amount of waste discharged	188	45%	216	51%	16	4%



P7_2. Do you accept...?



P7_3. How often would you like to pay your bill?

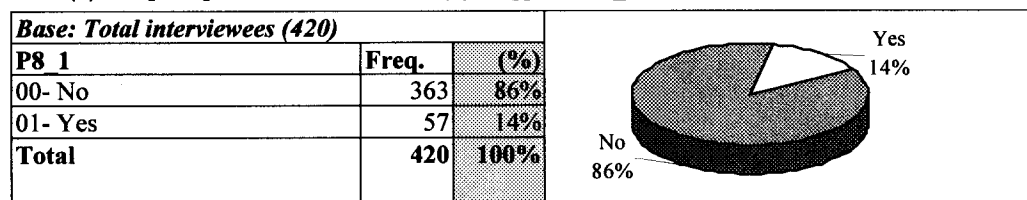


8. PUBLIC COOPERATION

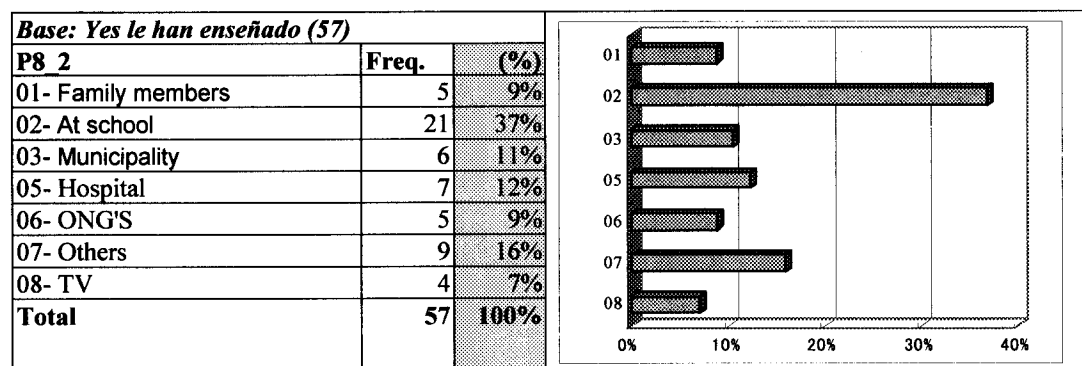
P8_1. Have you ever been taught methods of proper waste handling and discharge?

(1) Yes [next]

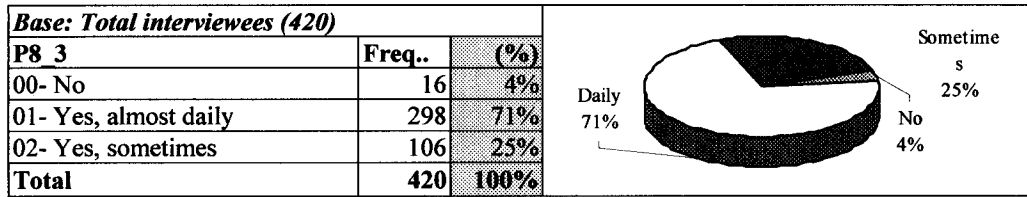
(2) No [go to P8_3]



P8_2. Who taught you such methods?

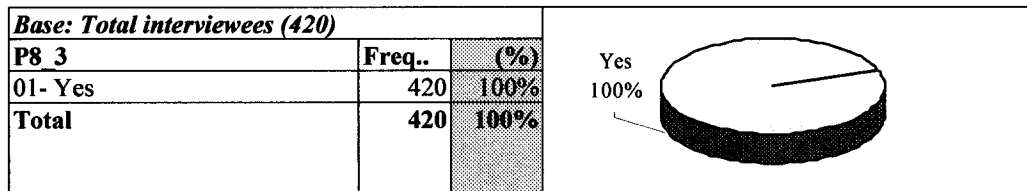


P8_3. Does anyone in your family or your maid clean the road shoulder or adjacent public areas in front of your house?



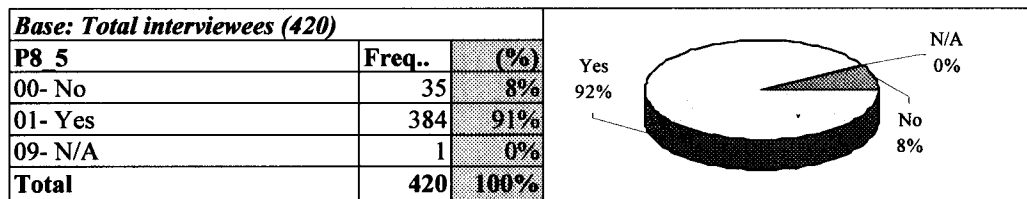
P8_4. Do you think a campaign to raise awareness of people for maintaining a cleaner city and environment is important at school?

(1) Yes (2) No, it is not

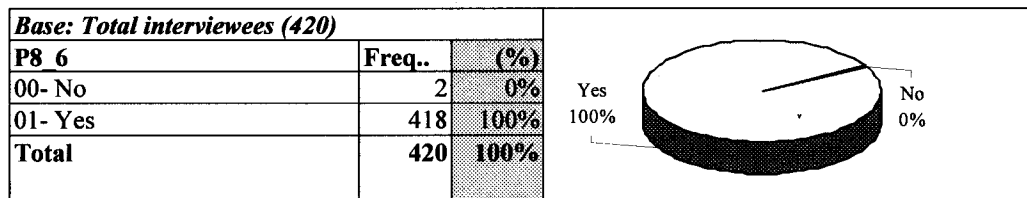


P8_5. It is obviously required that the Municipality endeavors more to improve solid waste management. However, public cooperation is also required. Would you cooperate in maintaining a cleaner city and environment?

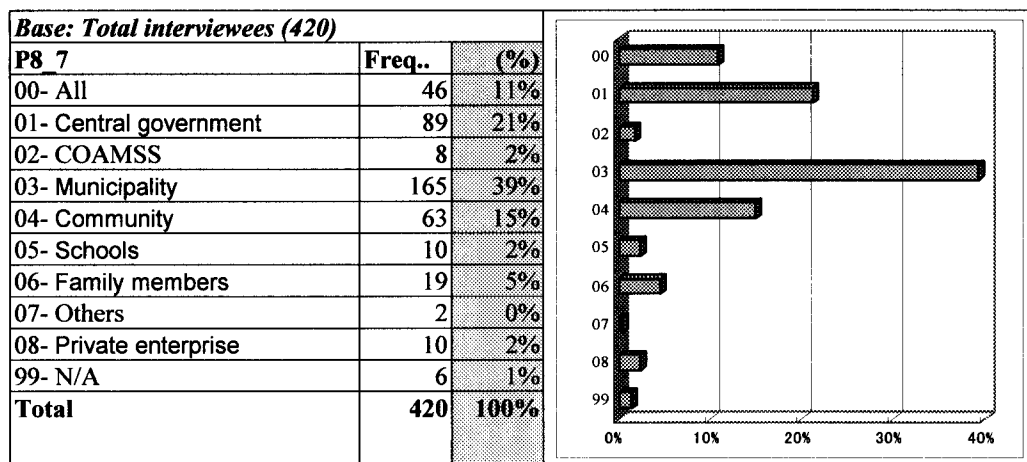
(1) Yes, I would (2) No, I would not



P8_6. Do you think a campaign to raise awareness of people for maintaining a cleaner city and environment is necessary?



P8_7. Who should take such action?



9. PRIORITY PROBLEMS RELATED TO SOLID WASTE MANAGEMENT

P9_1. Which are the three main problems related to solid waste management to you? [write the TOP THREE problems mentioned by the interviewee]

Base: Total interviewees (420)

P9_1	1 st .		2 nd .		3 rd .	
	Freq.	%	Freq..	%	Freq..	%
00-It's not problem	2	0%	8	2%	20	5%
01- Unreliable waste collection	49	12%	22	5%	22	5%
02- Increase of mice and rats	122	29%	70	17%	47	11%
03- Smoke caused by burning waste in the nearby area	82	20%	63	15%	41	10%
04- Offensive odor caused by illegal dumping	61	15%	104	25%	81	19%
05- Blockage of drainage caused by waste	42	10%	63	15%	63	15%
06- Looks dirty	17	4%	35	8%	71	17%
07- Dirty water, smoke, offensive odor, etc. generated by disposal site	45	11%	55	13%	75	18%
Total	420	100%	420	100%	420	100%

