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: Date:	Supervisor: 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 ho	use, including yours	self and maids?		
P1_2. <u>WRITE</u> : What category is your bu (1) Independent house (4) Meson	ilding? (2) Row house (5) Marginal slu		(3) Apartment com	plexes
21_3 . How many square meters of gard (1) It has no garden	en does your house (2) Less than 1	have? 00 m ² (10m X 10m)	(3) More than 100	m² (10m X 10m)
 P1_4. How much is the total income of y (1) No income (4) ¢2,001-¢3,000 (7) ¢5,001-¢6,000 (10) More than ¢15,000 	(2) Less than 1 (5) ¢3,001-¢4,0 (8) ¢6,001-¢10	,000 colones)00	(3) ¢1,00 (6) ¢4,00 (9) ¢10,00	
1_5 . How much is your family's total e	penditure per mont	h?		
(1) Less than 1,000 colones (4) ¢3,001-¢4,000 (7) ¢6,001-¢10,000	(2) ¢1,001-¢2,0 (5) ¢4,001-¢5,0 (8) ¢10,001-¢1	000	(3) ¢2,00 ⁻ (6) ¢5,00 ⁻ (9) More t	
1_6. How many years have you or you (1) Less than 4 years (4) Between 13 and 19 years	(2) Between 4	and 8 years	(3) Betwe	en 9 and 12 years
 P1_7. Have you or your family always live came to live in this municipality? (1) Has always lived in the same 			changed your place	e of residence since y (3) DK/DA
. PRESENT SITUATION OF PUBLIC S	ERVICES			
P2_1 . Do you have water supply in your (1) Yes (2) N				
		sewerage pipe (6) Others:	(3) Toilet connecte	d to septic tank (7) No
P2_3. Do you have electricity in your hole (1) Yes				
P2_4. Can a collection service truck hav (1) Yes, it can(2) N	e access to your ho lo, it can not.	use?		
	access road to your Asphalt pavement Paved	house have?	(3) Gravel, cement (6) Others:	t or brick pavement

P2_6. Thinking about your daily needs, please [list in the order in which the interview 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 (1) Through municipality collection set (4) Take it to a container (7) Others: (specify)	ervice (2) Hand it (5) Dischar	ge it anywhere	(6) Bury it
P3_2. Normally, what type of container do you (1) Don't use container [go to P3_4]	use to collect wast Plastic ba	-	/our house? [mark ALL answers]
(1) Don't use container [go to F3_4]		y x	Metal/plastic/wood container
		^	•
 (1) It keeps the place clean after the (3) It is easy to handle (5) Others: (specify) P3_4. Do you suffer from animal scavening (d)) Keeps away p	ests such as flies
	2) Sometimes		(3) No
P3_5. Do you have garden waste (such as fal (1) Yes [next]	len leaves and bran 2) No <i>[go to P4_1]</i>	ches or grass a	nd weeds)?
 P3_6. How do you generally discharge your g (1) Discharge at the collection point v (3) Self disposal (open combustion, b (5) Hand to private collector (7) Doesn't know 	with the other waste	l, etc.) (4) Comp	nunicipality collector posting (produce fertilizer from waste) s: (specify)
4. QUESTIONS ON WASTE COLLECTION S	ERVICES IN THE	REA	
P4_1. Do you have waste collection service in (1) Yes [next]	n your area? (2) No <i>[go to P4_8]</i>		
P4_2. Who collects your waste? (1) Municipal collector	2) Private collector		(3) Others: (specify)
P4_3. Are you satisfied with the collection ser (1) Yes [go to P4_5]	vice? (2) No [ne /	ct]	
 P4_4. Why are you unsatisfied with the service (1) Frequency of collection is too low (3) Collection time is not appropriate (5) Waste collection fee is too expendence (7) Others: (specify)	(2) Frequer (4) Collecti	ncy of collection on workers don on point is too fa	t pick up waste
P4_5. How is your waste collected? (1) Leaves waste outside of the hous (2) Carries waste to a certain collecti (3) Carries waste directly to waste co (4) Others: (specify)	on point (containers	;)	

P4_6.	How often is your waste col (1) Once a week (4) More than three times	(2) Twice a week		(3) Three times a week (5) Others: (specify)	
P4_7.	Is the waste collection servi (1) Yes	ce done at a fixed ti (2) No	ime of th	e day? <i>[in any case go to P5_1</i>]	1
P4_8.	Would you be willing to pay (1) Yes, I would pay for th		waste co	ollection service? (2) I would not pay for the	service
5. QUI	ESTIONS ON RECYCLING	AND WASTE RED	UCTION		
a)	compostable waste such a her wastes?	s a separate waste s food, paper and g	arden wa	aste; b) recyclable waste s	lling to separate your wastes into: uch as metals and bottles and c)
D5 2	(1) Yes [go to P5_3] If "No", what are the reason	c?	(2) No [nextj	
-	(1) It requires too much e(4) It may increase the co	ffort Illection fee	(5) Othe	ers: (specify)	
	Do you think recycling is ne (1) Yes	(2) No			
_	Is there someone who com (1) Yes [next]	(2) No [(go to P5	_6]	
P5_5.	Which materials do they co				
		Glass			
	Aluminium cans	Steel cans		Metal	G Food waste
	Garden waste	Plastic		Clothes, textiles	Leather
	U Wood	Tires		Others:	·····
P5_6.	Do you sell recyclable mate (1) Yes, I do [next]	rials to shops?	(2) No,	I do not <i>[go to P5_8]</i>	
P5_7 .	Which materials do you sel	to shops? <i>[mark e</i>	verythir	ng the interviewee says]	
	Bottles	Glass Glass		Cardboard	Paper
	Aluminium cans	Steel cans		Metal	Food waste
	Garden waste	Plastic		Clothes, textiles	Leather
	U Wood	Tires		Others:	
	If the community in your are poperate with it by donating (1) Yes, I would				ecyclable materials, would you n´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	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 existance of such goods (3) Yes, even if they are more expensive than the normal ones (4) No, I do not					
6. CO	LLECTION FEE AND FINA	NCIAL MATTERS			
P6_ 1.	Which authority do you und (1) Central government (4) Others: (specify)	erstand to be respo (2) COA		or municipal solid waste ma (3) Local munici	
P6_2.	How satisfied are you with t (1) Very satisfied	he solid waste man (2) Somehow sat		t carried out by the municip (3) Poorly satisfied	oality? (4) Unsatisfied
P6_3 .	Do you pay for the waste co (1) Yes, I do [next]	ollection service?	(2) No,	I do not <i>[go to P6_6]</i>	

P6_4. Approximately, how much d	o you pay for the collecti	on service (per month)?	colones	(1) DK
P6_5. What do you think about the (1) It is too high	e amount of waste collect (2) It is appropiate	tion fee? (3) It is cheap		
 P6_6. Supposing that collection se service? (1) I can't pay anything (4) From ¢20 to ¢30 per m (7) More than ¢50 per model 	(2) L month (5) F	atisfactorily, how much would ess than ¢10 per month rom ¢30 to ¢40 per month	(3) From ¢10 to	¢20 per month
How much do you pay for	<i>~</i>	per month		
P6_7. Electricity serviceP6_8. Water supply service		per month		
P6_9. Income tax		per month		
		permonun		
7. WASTE COLLECTION CHARG		0.6.1	Al T	
P7_1. Do you accept waste collec				
Land area of property			Quantity of water of	consumed
Electricity consumed	Amount of waste d	scharged		
P7_2 . Do you accept? (1) Joint billing w/ income (4) Joint billing w/ electric		oint billing w/ property tax idependent direct billing (onl	(3) Joint billing ly waste)	w/ water supply
P7_3. How often would you like to (1) Monthly	pay your bill? (2) Once every 3 mont	hs (3) Once every	6 months	(4) Annually
8. PUBLIC COOPERATION				
P8_1. Have you ever been taught (1) Yes [next]	methods of proper waste (2) No <i>[go to</i>			
P8_2. Who taught you such metho (1) Family members (4) Central government	(2) At school	(3) Mu	unicipality	
P8_3 . Does anyone in your family (1) Yes, almost daily	or your maid clean the ro (2) Yes, some			f your house?
P8_4. Do you think a campaign to school? (1) Yes	raise awareness of peop (2) No, it is no	_	city and enviromer	it is important at
P8_5 . It is obviously required that cooperation is also required. V (1) Yes, I would	the Municipality endeavo Would you cooperate in r (2) No, I would	maintaining a cleaner city an	ste management. I d environment?	However, public
P8_6. Do you think a campaign to (1) Yes [next]		ble for maintaining a cleaner o to P9_1]	city and environme	ent is necessary?
P8_7. Who should take such action (1) Central government (4) Community (7) Private enterprise	on? (2) COAMSS (5) Schools (8) Others:		unicipality amily members	

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	
OBSERVAT		

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)

	Inte	rviewer:		D	ate:		
	Municipality:						
	Nan	ne of the institution:					
	Ente	erprise/office/business address:					
	Nan	ne of person giving the information	n:				
1. GEN	NER	AL QUESTIONS					
P1_6. \	Wha	at kind of wastes are mainly gener	rated in y	our institutio	on? [mark ever	rythi	ng the interviewee says]
	•	Paper	 Card 	board		•	Wood
	٠	Textiles	 Gard 	len waste		•	Food waste
	•	Plastic	Rubb	ber		•	Glass
	•	Steel	 Alum 	ninium		•	Other metals
	•	Leather	 Dust 	, ashes		•	Others:
P1_7. I	How	w many cubic meters of waste are	approxir	nately gener	ated per week,	incl	uding recycled waste?
		I) Less than 1 m ³ /week 3) Between 5 m ³ and 10 m ³ /week		(2) Betwee (4) More th	en 1 m ³ and 5 m an 10 m ³ /week	n ³ /we	eek
2. WAS	STE	STORAGE, DISCHARGE, COLL	ECTION	I AND DISP	OSAL		
P2_1.	Whe	ere do you store your waste?					
	(1	I) In the establishment		(2) Outside	e the establishn	nent	
P2_2.	Wha	at type of container do you use for	storing	waste? [mai	rk everything t	the i	nterviewee mentions]
	•	Plastic bags		٠	Paper bags		
	•	Carton boxes		•	Metal/ plastic/	woo	od containers
	•	Basket		•	Others:		
P2_3. V	Who	o collects your waste?					
		I) Municipal waste collector [next]					
		 Private collector [next] Both municipal and private wast 		or [novil			
		 Both municipal and private wash We take it to a specific place (specific place) 					[go to P2_9]
		5) Others: (specify)				_	[go to / m_0]
P2_4.	How	v is your waste collected?					
	(1	I) waste collection workers come i	nto esta	blishment to	fetch the waste	е	
	•	we put waste in front of our insti					
		3) we carry waste to a certain was		•			
		 we directly carry waste to a was Others: (specify) 					
P2 5		v often is your waste collected?					
™ ∡_ Ų, I		I) Once a week	(2) Twi	ce a week		(2)	Three times a week
	•	i) More than three times)	• •	
	•	,	(-)				

P2_6. Is the waste collection service done at a fixed time (1) Yes (2) No	of the day?
 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 collect	tion service? [in any case go to P2_10]
	(4) Collection workers don't pick up waste(6) Waste collection point is too far
P2_9. Why do you directly carry your waste?	
 (1) Because we don't have the municipal waste (2) Because the municipal waste collection servi (3) Because it is the cheapest choice for us (4) Other: (specify) 	ce does not satisfy our demands
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)	
P2_11. What do you think that waste collection service sh	nould be in the future (about in 10vears)
 (1) Municipality should continue executing the set (2) The waste collection service should be privat (3) Other: (specify)	ized
3. RECYCLING AND WASTE REDUCTION	
P3_1 . Do you separate your waste so that it can be collect (1) yes [continue] (2) Sometim	es [continue] (3) No [go to P3_5]
P3_2. Why do you separate waste? [mark everything th	e 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 r (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) Beetween 5 m³ and10 m³/per week (5) More than 10 m³/per week 	recycle per week?

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

Paper •

Steel

Others:

Leather

- Plastic bottles Glass bottles

Wood Textiles

۲

- 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? (2) Yes, sometimes (1) Yes, almost everyday (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? (2) Would not participate (1) Would 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	

- Other glass Aluminium
- Tires
- Cardboard • Plastic

QUESTIONS FOR ADMINISTRATIVE STAF			
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 ca (6) Shop (7) Other: (specify)			
P1_2. How many employees do you have?(1) Less than 10(4) Between 50 and 99	(2) between 10 and 19 (5) 100 or more	• •	Between 20 and 49 Doesn´t know / doesn´t answer
P1_3. How much are the annual sales? (1) Less than ¢50,000 per year (3) Between ¢100,001 and ¢500,00 year (5) Between ¢1,000,001 and ¢5,000		(4) Between	¢50,000 and ¢100,000 per year ¢500,001 and ¢1,000,000 per n ¢5,000,000 per year
 P1_4. How large is total floor area of your in: (1) Less than 50 m² m² (4) Between 200 m² and 499 m² 	(2) Between 50 m ² and 99	99 m ²	(3) Between 100 m ² and 199 (6) 1,000 m ² or more
P1_5. How many years have you been runni (1) Less than 5 years (4) 20 years or more	ing your business here? (2) Between 5 and 9 years (5) Doesn´t answer/doesn		Between 10 and 19 years
 P3_7. How much do you consider it would be implementation of a recycling program (1) Fee should not increase (2) Up to 10% more (3) Up to 50% more (4) More than 50% 			
4. COLLECTION FEE AND FINANCIAL MA	TTERS		
P4_1. How much do you pay for the collection	on service per 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 o (1) It is too high	of waste collection fee? (2)It is appropriate	(3)	It is cheap
P4_4. Supposing that collection services we willing to pay for the waste collection se			
P4_5. Do you accept waste collection fee wh	nich is set depending on: [n	nark everythi	ing the interviewee mentions]
Annual sales	Total floor area	•	Number of employees
Amount of waste	Electricity consumption	n •	Water supply consumption
Number of seats	Number of rooms		

P4_6. How often would you like to pay	v your bill?			
(1) Monthly(3) Once every six months		(2)Once every three 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: Date:	Supervisor: Socio economic strata:
Municipality:	Segment:
Household address:	-

1. GENERAL QUESTIONS

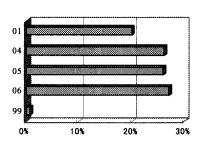
S1. WRITE: Gender: (1) Male (2) Female

Base: Total interviewees (420)			
S1	Freq.	(%)	Male
01- Male	117	28%	28%
02- Female	303	72%	Female
Total	420	100%	72%

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? __

Base: Total interviewees (420)					
P1_1	Freq.	(%)			
01-1 to 3 Persons	84	20%			
04-4 Persons	110	26%			
05-5 Persons	109	26%			
06- 6 Persons or more	114	27%			
99- 99	3	1%			
Total	420	100%			



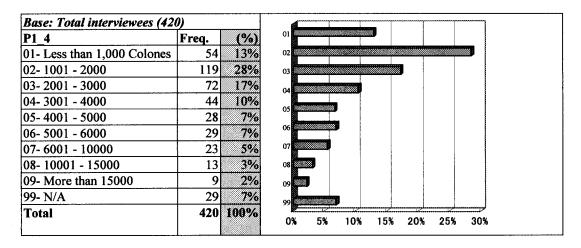
P1_2. WRITE: What category is your building?

Base: Total interviewees (420)						
P1_2	Freq.	(%)	01			
01- Independent house	170	40%	03			
02- Row house	149	35%				
03- Aparrtment complexes	22	5%	04			
04- Meson	2	0%	05			
05- Marginal slums	77	18%	0%	20%	40%	60%
Total	420	100%				

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)

Base: Total interviewees ((420)		<u></u>			
P1_3	Freq	(%)	00			
00- Don't have	166	40%	01			
01- Less than 10 m2	228	54%	02			
02- More than 10 m2	19	5%	99			
99- N/A	7	2%				
Total	420	100%	0%	20%	40%	60%

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?

Base: Total interviewees (420)		
P1_5	Freq.	(%)	01
01- Less than 1,000 Colones	46	11%	02
02- 1,001 - 2,000	147	35%	03
03- 2,001 - 3,000	78	19%	04
04- 3,001 - 4,000	50	12%	05
05- 4,001 - 5,000	27	6%	
06- 5,001 - 6,000	19	5%	06
07- 6,001 - 10,000	15	4%	07
08- 10,001 - 15,000	11	3%	08
09- More De 15,000	4	1%	09
99- N/A	23	5%	99
Total	420	100%	0% 5% 10% 15% 20% 25% 30% 35%

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

Base: Total interviewees (42	0)		
P1_6	Freq.	(%)	
01- Less than 4 year	31	7%	02
02- Between 4 and 8 years	62	15%	03
03- Between 9 and 12 years	60	14%	04
04- Between 13 and 19 years	101	24%	05
05- 20 years or more	166	40%	0% 10% 20% 30% 40%
Total	420	100%	

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?

Base: Total interviewees (420)		
P1_7	Freq. (%)	01
01- Has always lived in the same house	279 66%	02
02- Has changed place of reYesdence	141 34%	0% 20% 40% 60% 80%
Total	420 100%	07 207 1 07 007 007

2. PRESENT YESTUATION OF PUBLIC SERVICES

P2_1. Do you have water supply in your house?

Base: Total intervi	iewees (420)	
P2_1	Freq. (%	No
00- No	26 6%	Yes 6%
01- Yes	394 94%	94%
Total	420 100%	

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

Base: Total interviewees (420)		
P2_2	Freq (%)	
01- Toilet connected to sewerage pipe	382 91%	03
02- Toilet connected to septic tank	18 4%	04
03- Latrine	19 5%	0% 20% 40% 60% 80% 100%
04- Fertilizing latrine	1 0%	
Total	420 100%	

P2_3. Do you have electricity in your house?

Base: Total intervi	iewees (420)	
P2_3	Freq. (%)	No 0%
00- No	2 0%	
01-Yes	418 100%	Yes
Total	420 100%	

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

Base: Total intervi	ewees (420)			
P2_4	Freq	(%)		
00- No	132	2 31%	Yes	No 31%
01- Yes	288	69%	69% 🌂	
Total	420	100%		

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

Base: Total interviewees (420)			
P2_5	Freq.	(%)	00
00- No pavement	30	7%	01
01- Asphalt pavement	155	37%	02
02- Gravel, cement or brick pavement	204	49%	03
03- Cobblestone	28	7%	04
04- Paved	3	1%	0% 10% 20% 30% 40% 50%
Total	420	100%	

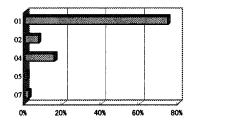
P2_6. Thinking about your daily needs, please prioritize which of the following aspects should be solved or improved. [list in the order in which the interviewee mentions the different options; write in order of importance ALL the alternatives]

Base: Total interviewees (42)	<i>)</i>															
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

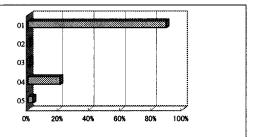
P3_1. In your house, how do you dispose of the waste?

Base: Total interviewees (420)	se: 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]

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%
05- 00005	15	3



P3_3. Why do you use such containers?

Base: Total interviewees (420)			A
P3_3	Freq.	(%)	
01- It keeps the place clean after the collection work	100	24%	02
02- It prevents foul odors	33	8%	
03- It is easy to handle	198	47%	04
04- Keeps away pests such as flies	52	12%	05
05- All	5	1%	00
06- It's cheaper	18	4%	07
07- Others	11	3%	99
09- N/A	3	1%	0% 10% 20% 30% 40% 50%
Total	420	100%	

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

Base: Total intervi	ewees (420)	
P3_4	Freq. (%)	00
00- No	210 50%	01
01-Yes, often	147 35%	02
02- Sometimes	63 15%	
Total	420 100%	0% 20% 40% 60%

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 inte	erviewees (420)	
P3 5	Freq. (%)	Yes
00- No	245 58%	42% No
01- Yes	175 42%	
Total	420 100%	

P3_6. How do you generally discharge your garden wastes?

Base: Have garden waste (175)		C		1	1	
P3 6	Freq. (%)	01				
01- Discharge at the collection point with the other waste	128 73%	02				
02- Call municipality collector	6 3%	03				
03- Self disposal	25 14%	04				
04- Composting	9 5%				ł	
05- Hand to private collector	5 3%	05				
07- Others	2 1%	07				الريبيي
Total	175 100%	0%	20%	40%	60%	80%

4. QUESTIONS ON WASTE COLLECTION SERVICEYESN THE AREA

P4_1. Do you have waste collection service in your area? (1) Yes *Inext1* (2) No *Iao to P4 81*

(1) Yes [ne	xtj (2)	NO [go to P4_8]
Base: Total inte	rviewees (420)	No
P4_1	Freq. (%)	2%
00- No	10 2%	
01- Yes	410 98%	Yes
Total	420 100%	98%

P4_2. Who collects your waste?

Base: Have waste collection service (4)	10)	á		
P4_2	Freq. (%)	01		
01- Municipal collector	379 92%	02		
02- Private collector	25 6%	03		
03- Municipal and Private collector	5 1%	07		
07- Others	1 0%	2		
Total	410 100%	0%	50%	100%

P4_3. Are you satisfied with the collection service? (1) Yes [go to P4_5]

(2) No [next]

Base: Have waste collection service (410)			
P4_3	Freq.	(%)	Yes
00- No	99	24%	76%
01- Yes	311	76%	24%
Total	410	100%	8

P4_4. Why are you unsatisfied with the service?

Base: Not satisfied (99)			
P4_4	Freq.	(%)	01
01- Frequency of collection is too low	61	62%	02
02- Frequency of collection is irregular	18	18%	03
03- Collection time is not appropriate	4	4%	04
04- Collection workers don't pick up waste	8	8%	
05- Waste collection fee is too expensive	1	1%	05
06- Collection point is too far	3	3%	06
07- Others	4	4%	07
Total	99	100%	
			0% 20% 40% 60% 80%

P4_5. How is your waste collected?

Base: Have waste collection service (410)			6			
P4_5	Freq.	(%)	01			
01- Leaves waste outside of the house	197	48%	02			
02- Carries waste to a certain collection point (containers)	134	33%	03			
03- Carries waste directly to waste collection truck	74	18%				
07- Others	5	1%	07			
Total	410	100%	0%	20%	40%	60%

P4_6. How often is your waste collected?

Base: Have waste collection service (4	(10)				
P4_6	Freq. (%)	01			
01- Once a week	20 5%	02			
02- Twice a week	86 21%	03			
03- Three times a week	170 41%	04			
04- More than three times a week	127 31%				
07- Others	1 0%	07			
99- N/A	6 1%	99			
Total	410 100%	0%	20%	40%	60%

 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]

Base: Have waste collection service (410)		Yes	N/A
P4_7	Freq. (%)	65%	0%
00- No	145 35%		
01- Yes	263 64%		No
09- N/A	2 0%		35%
Total	410 100%		

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

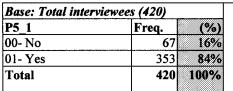
Base: Don't have waste collection service	(10)			
P4_8	Freq.	(%)		No
00- I would not pay for the service	2	20%	Yes	20%
01- Yes I would pay for the service	8	80%	80%	
Total	10 10)0%		

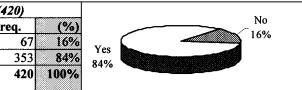
5. QUESTIONS ON RECYCLING AND WASTE REDUCTION

P5_1. If the municipality introduces a separate waste collection system, would you be willing to separate your wasteYesnto: 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]

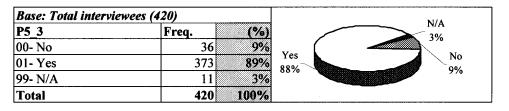




P5_2. If "No", what are the reasons?

Base: No separate (67)		
P5_2	Freq. (%)	01
01- It requires too much effort	34 51%	02
02- It requires more containers	20 30%	
03- It is inconvenient	9 13%	03
04- It may increase the collection fee	4 6%	04
Total	67 100%	0% 10% 20% 30% 40% 50% 60%

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]

Base: Total interviewees (420)			Yes
P5_4	Freq.	(%)	21%
00- No	333	79%	
01- Yes	87	21%	No
Total	420	100%	79%

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

Base: There is someone comes to	buy (87)		*·····
P5_5	Freq.	(%)	01
01- Bottles	58	67%	02
02- Glass	12	14%	03
03- Cardboard	2	2%	04
04- Paper	70	80%	05
05- Aluminum cans	16	18%	06
06- Steel cans	1	1%	07
07- Metal	2	2%	10
10- Plastic	7	8%	11
11- Clothes, textiles	1	1%	15
15- Others	1	1%	0% 20% 40% 60% 80% 100%
Total	87	100%	

P5_6. Do you sell recyclable materials to shops?

Base: Total inter	viewees (420)			
P5_6	Freq.	(%)	No	
00- No	40	5 96%	96%	
01- Yes	1	5 4%	٤	Yes 4%
Total	42	0 100%		470

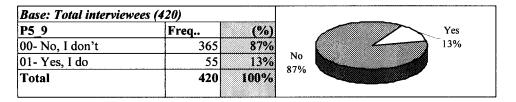
P5_7. Which materials do you sell to shops? [mark everything the interviewee says]

Base: Sell recyclable (15)		
P5_7	Freq. (%	01
01-Bottles	6 409	04
04- Paper	11 739	X0 05
05- Aluminum cans	3 204	
Total	15 100%	60 0% 20% 40% 60% 80%

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?

Base: Total interviewee	rs (420)		
P5_8	Freq.	(%)	Yes
00- No, I would not	12	3%	94% N/A
01- Yes I would	397	95%	No
99- N/A	11	3%	
Total	420	100%	570

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

Base: Total interviewe	ees (420)		4				
P5_10	Freq.	(%)	00				
00- No	132	31%	01				
01-Yes, I burn it	19	5%	02				
02-Yes, I bury it	13	3%	03				
03- Yes, throw it	256	61%	0%	20%	40%	60%	80%
Total	420	100%					

P5_11. Do you buy environmentally friendly goods?

Base: Total interviewees (420)					······		1
P5_11	Freq.	(%)	00				
00- No, I don't	144	34%	01				
01-Yes, if there are cheaper than the ones currently sold	51	12%	02				
02-Yes if they cost the same as the normal ones	51	12%	03				
03-Yes, even if they are more expensive than the normal	42	10%					
ones			99	V			
09- N/A	132	31%	0%	10%	20%	30%	40%
Total	420	100%					

6. COLLECTION FEE AND FINANCIAL MATTERS

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

Base: Total interviewees (420)	
P6_1	Freq. (%)	01
01- Central government	32 8%	02
02- COAMSS	35 8%	03
03- Local municipality	322 77%	07
07- Others	14 3%	99
99- N/A	17 4%	0% 10% 20% 30% 40% 50% 60% 70% 80
Total	420 100%	GA 10A 20A 30A 40A 30A 00A 70A 80

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

Base: Total interviewees (420)		
P6_2	Freq.	(%)	00
00- Unsatisfied	41	10%	01
01- Poorly satisfied	66	16%	
02- Somehow satisfied	134	32%	02
03- Very satisfied	179	43%	03
Total	420	100%	0% 10% 20% 30% 40% 50%

P6_3. Do you pay for the waste collection service?

Base: Total interviewees	(420)	
P6_3	Freq. (%)	Yes N/A
00- No, I don't	59 14%	86%
01- Yes, I do	360 86%	No
99- N/A	1 0%	14%
Total	420 100%	

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

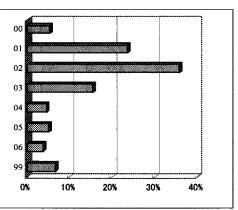
Base: Pay for the wa	ste collection service	e (360)		
P6_4	Freq.	Average (Colones)	(%)	
01-<=10	51	7.2	14%	03
02-11-20	45	15.2	13%	04
03-21-50	93	31.8	26%	
04- 51-100	24	75.1	7%	05
05-100<	12	407.4	3%	99
99- N/A	135		38%	0% 10% 20% 30% 40%
Total	360	47.6	100%	

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

Base: Pay for the waste col	lection service (360)	
P6_5	Freq (%)	01
01- It is cheap	21 6%	02
02- It is appropriate	133 37%	03
03- It is too high	124 34%	99
99- N/A	82 23%	⁹⁹⁹
Total	360 100%	0% 10% 20% 30% 40%

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

Base: Pay for the waste collection service (360)					
P6_5	Freq.	(%)			
00- I can't pay anything	22	5%			
01- Less than 10 per month	99	24%			
02- From ¢10 to ¢20 per month	150	36%			
03- From ¢20 to ¢30 per month	65	15%			
04- From ¢30 to ¢40 per month	19	5%			
05- From ¢40 to ¢50 per month	21	5%			
06- More than ¢50 per month	16	4%			
99- N/A	28	7%			
Total	360	100%			



(1) DK

How much do you pay for ...

P6_7. Electricity service	¢	per month
---------------------------	---	-----------

- P6_8. Water supply service ¢ _____
- P6_9. Income tax

¢ _____ per month ¢ _____ per month

	P6 7. Ele	ectricity	P6 8. Wa	ter supply	P6 9. Inc	come tax
Colones	Freq	000000000000000000000000000000000000000		%	Freq	%
00- No	3			1%	31	79
01- Less than 10 colones		0%	1	0%	24	69
02-10-25 colones	2	0%	31	7%	1	
03-25 - 50 colones	41	10%	141	34%	72	179
04- 50 - 100 colones	143	34%	145	35%	47	119
05-100 - 200 colones	132	31%	68	16%	19	59
06-200 - 500 colones	77	18%	23	5%	8	29
07- 500 - 1000 colones	16	4%		0%		09
08- More than 1000 colones	3	1%		0%		09
99- N/A	3	1%	6	1%	162	399
Total	420	100%	420	100%	420	100%
50% 40% 30% 20%				<u> </u>		
0%	- 15 ⁵⁰ 50				71000 HIA	

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		N	0	Ye	s	N/A		
_			Freq.	%	Freq.	%	Freq.	%
01- Land area	of property		321	76%	83	20%	16	4%
02- Amount of	f your income		337	80%	67	16%	16	4%
03- Quantity o	f water consume	d	373	89%	31	7%	16	4%
04- Electricity	consumed		376	90%	28	7%	16	4%
05- Amount of	f waste discharge	ed	188	45%	216	51%	16	4%
	■ N/A □ Yes ■ No	02 03 04 05						

P7_2. Do you accept ...?

Base: Total interviewees (420)								~~~~~~	······
P7_2	Freq.	(%)	01						
01- Joint billing w/ income tax (municipality)	80	19%	02						
02- Joint billing w/ property tax	3	1%	03						
03- Joint billing w/ water supply	25	6%	04						
04- Joint billing w/ electricity	100	24%	05						
05- Independent direct billing (only waste)	195	46%	03						
99- N/A	17	4%	99					Z	L
Total	420	100%	0	%	10%	20%	30%	40%	\$ 50%

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

Base: Total interviewees (42)	0)		
P7_3	Freq	(%)	01
01- Monthly	339	81%	02
02- Once every 3 months	41	10%	03
03- Once every 6 months	8	2%	
04- Annually	29	7%	04
09- N/A	3	1%	99
Total	420	100%	0% 20% 40% 60% 80% 100%

8. PUBLIC COOPERATION

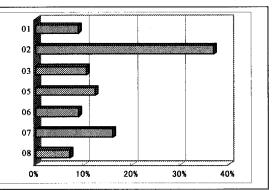
 P8_1. Have you ever been taught methods of proper waste handling and discharge?

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

Base: Total interview	vees (420)	Yes
P8_1	Freq. (%)	14%
00- No	363 86%	
01- Yes	57 14%	
Total	420 100%	No 86%

P8_2. Who taught you such methods?

Base: Yes le han enseñado (57)				
Freq.	(%)			
5	9%			
21	37%			
6	11%			
7	12%			
5	9%			
9	16%			
4	7%			
57	100%			
	Freq. 5 21 6 7 5 9 9			



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

Base: Total interviewees (420)		Sometime
P8_3	Freq (%)	Sometime
00- No	16 4%	Daily 25%
01- Yes, almost daily	298 71%	71% No
02- Yes, sometimes	106 25%	4%
Total	420 100%	

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
----	-------	-------	-----

Base: Total interview	wees (420)	
P8_3	Freq (%	Yes
01- Yes	420 1009	100%
Total	420 100%	

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

Base: Total interviewees (420)		N/A
P8_5	Freq (%)	Yes N/A
00- No	35 8%	92%
01- Yes	384 91%	No
09- N/A	1 0%	8%
Total	420 100%	

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

Base: Total intervie	wees (420)	
P8_6	Freq (%)	
00- No	2 0%	Yes No
01- Yes	418 100%	100% • 0%
Total	420 100%	

P8_7. Who should take such action?

Base: Total interviewees (42	0)	
P 8_ 7	Freq.	(%)
00- All	46	11%
01- Central government	89	21%
02- COAMSS	8	2%
03- Municipality	165	39%
04- Community	63	15%
05- Schools	10	2%
06- Family members	19	5%
07- Others	2	0%
08- Private enterprise	10	2%
99- N/A	6	1%
Total	420	100%

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 .		3rd.	
		%	Freq	%	Freq	%	
00-It's not problem	2	0%					
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		
06- Looks dirty	17	4%	35	8%	71	17%	
07- Dirty water, smoke, offensive odor, etc. generated by	45	11%	55	13%	75	18%	
disposal site							
Total	420	100%	420	100%	420	100%	
					3rd. 2nd. 1st.		