Table p9_1a
Which are the three main problems related to solid waste
management for you? by variables
(In percentages)

					F	IRST MEN	TION		
VARIABLES		Increase of rats and mice	Smoke caused by burning	Offensive odor	Unreliable waste collection	Dirty water, smoke	Blockage of drain	Looks dirty	No problem
TOTAL	% N	29.0 122	19.5 82	14.5 61	11.7 49	10.7 45	10.0 42	4.0 17	0.5 2
Municipality									
Nueva San Salva	ador	19.0	19.0	4.8	16.7	11.9	19.0	9.5	0.0
Antiguo Cuscatl	án	25.0	25.0	16.7	25.0	8.3	0.0	0.0	0.0
San Salvador		28.8	15.8	20.9	10.8	7.2	10.1	5.0	1.4
Mejicanos		25.0	27.3	11.4	15.9	6.8	13.6	0.0	0.0
Soyapango		35.7	18.6	14.3	10.0	15.7	4.3	1.4	0.0
Ilopango		30.0	20.0	20.0	0.0	10.0	5.0	15.0	0.0
Apopa		33.3	20.0	10.0	16.7	16.7	3.3	0.0	0.0
San Marcos		31.8	13.6	9.1	13.6	13.6	13.6	4.5	0.0
Cuscatancingo		40.0	20.0	20.0	0.0	0.0	20.0	0.0	0.0
San Martín		27.3	9.1	9.1	0.0	9.1	36.4	9.1	0.0
Ciudad Delgado		25.0	40.0	5.0	10.0	20.0	0.0	0.0	0.0
Socio economic									
strata Upper class		8.7	8.7	24.0	12.0	0.7	12.0	12.0	0.0
Medium-high		8.7 11.1	8.7 18.5	34.8	13.0	8.7	13.0	13.0	0.0
Medium-low		26.4		14.8	18.5	11.1	22.2	3.7	0.0
Working class		20.4 32.6	23.6 18.5	15.1 12.9	14.2	8.5	9.4	2.8	0.0
Marginal		32.0 36.0	18.3	12.9	10.7	12.4	7.9	4.5	0.6
Maighiai		30.0	19.8	11.0	8.1	10.5	10.5	2.3	1.2
Level of exposu									1.4 0.6 0.0
the news media		27.1	10.6	10.0	0.6	0.6	11.4	1.4	
Low		37.1	18.6	12.9	8.6	8.6	11.4	1.4	1.4
Medium		26.2	20.9	15.7	10.5	11.6	8.1	6.4	0.6
High		28.7	18.5	14.0	14.0	10.7	11.2	2.8	0.0

Table p9_1b
Which are the three main problems related to solid waste
management for you? by variables
(In percentages)

		SECOND MENTION							
VARIABLES		Offensive odor	Increase of mice and rats	Smoke caused by burning	Blockage of drain	Dirty water, smoke	Looks dirty	Unreliable waste collection	No problem
TOTAL	% N	24.8 104	16.7 70	15.0 63	15.0 63	13.1 55	8.3 35	5.2 22	1.9 8
Municipality									
Nueva San Salv	ador	33.3	19.0	11.9	11.9	11.9	7.1	2.4	2.4
Antiguo Cuscat	lán	33.3	16.7	8.3	25.0	0.0	16.7	0.0	0.0
San Salvador		18.0	20.1	12.2	18.7	14.4	7.9	5.0	3.6
Mejicanos		29.5	18.2	13.6	9.1	18.2	6.8	4.5	0.0
Soyapango		32.9	11.4	27.1	12.9	5.7	2.9	7.1	0.0
Ilopango		10.0	10.0	10.0	20.0	20.0	20.0	10.0	0.0
Apopa		16.7	16.7	16.7	16.7	16.7	6.7	6.7	3.3
San Marcos		31.8	18.2	18.2	4.5	9 .1	4.5	9.1	4.5
Cuscatancingo		20.0	0.0	0.0	10.0	30.0	30.0	10.0	0.0
San Martín		27.3	18.2	18.2	18.2	0.0	18.2	0.0	0.0
Ciudad Delgado)	30.0	15.0	10.0	15.0	20.0	10.0	0.0	0.0
Socio economio	e								
Upper class		8.7	26.1	17.4	21.7	21.7	0.0	0.0	4.3
Medium-high		29.6	22.2	7.4	7.4	11.1	11.1	11.1	0.0
Medium-low		25.5	15.1	16.0	11.3	14.2	9.4	5.7	2.8
Working class		26.4	15.7	14.0	17.4	10.7	9.0	5.6	1.1
Marginal		23.3	16.3	17.4	15.1	15.1	7.0	3.5	2.3
Level of exposi	ure to								
the news media									
Low		15.7	21.4	17.1	20.0	12.9	7.1	2.9	2.9
Medium		21.5	19.8	14.5	14.5	12.2	10.5	5.2	1.7
High		31.5	11.8	14.6	13.5	14.0	6.7	6.2	1.7

Table p9_1c
Which are the three main problems related to solid waste
management for you? by variables
(In percentages)

					TI	IIRD MEN	TION		reentages)
VARIABLE	S.	Offensive odor	Dirty water, smoke	Looks dirty	Blockage of drain	Increase of mice and rats	Smoke caused by burning	Unreliable waste collection	No problem
TOTAL	% N	19.3 81	17.9 75	16.9 71	15.0 63	11.2 47	9.8 41	5.2 22	4.8 20
Municipalit	ty								
Nueva San Sa		21.4	19.0	23.8	11.9	7.1	9.5	2.4	4.8
Antiguo Cuso	atlán	16.7	25.0	25.0	8.3	8.3	16.7	0.0	0.0
San Salvador		14.4	21.6	12.9	1 5.8	12.9	8.6	5.0	8.6
Mejicanos		18.2	15.9	27.3	9.1	13.6	9.1	6.8	0.0
Soyapango		25.7	18.6	12.9	15.7	7.1	10.0	8.6	1.4
Ilopango		25.0	15.0	15.0	15.0	10.0	15.0	5.0	0.0
Apopa		33.3	10.0	13.3	16.7	6.7	13.3	3.3	3.3
San Marcos		18.2	9.1	22.7	18.2	9.1	9.1	0.0	13.6
Cuscatancing	o	10.0	20.0	10.0	0.0	20.0	10.0	20.0	10.0
San Martín		9.1	27.3	9.1	18.2	18.2	9.1	9.1	0.0
Ciudad Delga	ıdo	15.0	5.0	25.0	30.0	20.0	5.0	0.0	0.0
Socio econor strata	nic								
Upper class		4.3	21.7	21.7	13.0	13.0	4.3	8.7	13.0
Medium-high	ì	11.1	18.5	22.2	18.5	18.5	11.1	0.0	0.0
Medium-low	-	21.7	11.3	17.0	22.6	10.3	7.5	4.7	4.7
Working clas	s	21.7	24.2	14.0	10.1	11.2	10.1	6.2	2.8
Marginal		18.6	11.6	19.8	15.1	9.3	12.8	4.7	8.1
Level of expo									
Low	-	24.3	15.7	17.1	14.3	10.0	8.6	2.9	7.1
Medium		18.6	19.8	16.9	14.5	8.1	8.7	10.5	2.9
High		18.0	16.9	16.9	15.7	14.6	11.2	1.1	5.6

Data B --- part 2
Institutions survey – private companies and public institutions

Table 1_6 What kind of wastes does your institution mainly generate?

			INSTITUTION	4	
TYPE OF WASTE	Educational centers and Offices	Shops/ stores	Marketplaces and rastro	Factories	Restaurants and hotels
Paper	9	23	2	1	4
Cardboard	5	17	$\frac{\overline{2}}{2}$	1	3
Wood	0	1	1	0	0
Textiles	1	1	0	1	0
Garden wastes	2	2	0	0	0
Food wastes	5	12	1	0	3
Plastic	2	18	1	1	2
Rubber	0	0	0	0	0
Glass	0	2	1	0	1
Steal	0	0	0	0	0
Aluminium	0	0	0	0	1
Other metals	0	0	1	0	0
Leather	1	1	0	0	0
Dust, ashes	0	3	1	0	0
Other residues	0	7	1	0	1

Table 1_7
How many cubic meters of waste are generated per week, including recycled waste?

CUBIC METERS	Educational centers and Offices	Shops/ stores	Marketplaces and rastro	Factories	Restaurants and hotels
Less than 1m ³	0	17	0	0	1
Between 1m ³ and 5m ³	5	17	0	0	0
Between 5m ³ and 10m ³	2	0	1	1	1
More than 10m ³	2	1	2	0	2

Table2_1 Where do you storage your waste?

PLACE	Educational centers and Offices	Shops/ stores	NSTITUTION Marketplaces and rastro	Factories	Restaurants and hotels
In the premises Outside the premises	8	29	2	1	2
Outside the premises	l	6	l	0	2

Table 2_2 What type of container do you use for storing waste?

CONTAINER	Educational centers and Offices	Shops/ stores	Marketplaces and rastro	Factories	Restaurants and hotels
Plastic bags	5	19	0	0	1
Paper bags	0	1	0	0	0
Carton boxes	0	11	0	0	0
Metalic container	5	9	2	0	3
Basket	0	0	0	0	0
Other containers	0	3	1	1	1

Table 2_3 Who collects your waste?

	INSTITUTION						
ANSWER	Educational centers and Offices	Shops/ stores	Marketplaces and rastro	Factories	Restaurants and hotels		
Municipal waste collector	5	24	3	0	1		
Takes it to a specific place	1	6	0	0	1		
Private collector	0	2	0	1	1		
Both private and municipal collector	1	2	0	0	1		
Other answers	2	1	0	0	0		

Table 2_4 How is your waste collected?

		I	NSTITUTION	,	ce concected
ANSWER	Educational centers and Offices	Shops/ stores	Marketplaces and rastro	Factories	Restaurants and hotels
Put waste in front of establishment	3	20	0	0	1
Collection workers fetch them	2	4	2	1	1
Carry waste to a specific collection point	1	3	1	0	1
Directly carry waste to collection truck	2	2	0	0	0

Table 2_5 How often is your waste collected?

FREQUENCY	Educational centers and Offices	Shops/ stores	Marketplaces and rastro	Factories	Restaurants and hotels
Once a week	0	3	0	0	0
Twice a week	0	5	0	1	0
Three times a week	3	13	0	0	1
More than three times a week	5	8	3	0	2

Table 2_6 Is the waste collection service done at a fixed time in the day?

ANSWER	Educational centers and Offices	Shops/ stores	INSTITUTION Marketplaces and rastro	Factories	Restaurants and hotels
No, it is not Yes, it is	0 8	11 18	0 3	1	0 3

Table 2_7
Satisfaction level with the collection service

SATISFACTION LEVEL	Educational centers and Offices	Shops/ stores	Marketplaces and rastro	Factories	Restaurants and hotels
Unsatisfied	1	2	0	0	0
Poorly satisfied	0	5	0	0	0
Somehow satisfied	0	9	1	0	0
Very satisfied	7	13	2	1	3

Table 2_8
Reasons why the institution is not completely satisfied with the collection service

REASONS	Educational centers and offices	Stores and commerce	Marketplaces and rastros
Frequency of collection is too few	0	6	0
Collection time is not appropriate	0	3	0 0 0 0 0 0
Frequency of collection is irregular	0	2	0
Collection workers don't pick it up	0	2	0
Collection fee is high	0	1	0
Collection point is too far	0	1	0
Other reasons	1	1	1

Table 2_9 Why do you directly carry your waste?

ANSWER		Educational centers and offices	Stores and commerce	Marketplaces and rastros
There is no muni	cipal collection service	0	3	1
	e does not satisfy demands	0	1	0
		0	1	0
It is the cheapest	cnoice	U		

Table 2_10 Do you know where your waste is disposed of?

			INSTITUTION		disposed of
ANSWER	Educational centers and Offices	Shops/ stores	Marketplaces and rastro	Factories	Restaurants and hotels
Sanitiary refill	7	9	3	1	1
Municipal lands	ó	5	0	0	1
Private lands	0	. 1	0	0	0
Doesn't know	2	20	0	0	2

Table 2_11 What do you think that the waste collection service should be in the future (in about 10 years)?

			INSTITUTION	V	
ANSWER	Educational centers and Offices	Shops/ stores	Marketplaces and rastro	Factories	Restaurants and hotels
Municipality should continue executing the service	2	20	2	1	0
Service should be privatized	6	11	1	0	4
Other answers	0	1	0	0	0
Doesn't know/doesn't answer	1	3	0	0	0

Table 3_1
Do you separate your waste so that it can be collected for recycling?

ANSWER	Educational centers and Offices		INSTITUTION Marketplaces and rastro		Restaurants and hotels
No	7	28	3	0	3
Yes	1	4	0	1	1
sometimes	1	3	0	0	0

Table 3_2 Why do you separate your waste?

			UTION	your waste.
REASONS	Educational centers/offices	Shops/ stores	Factories	Restaurants and Hotels
For selling it to manufacturer (s) For selling it to local peddlers	0	1	1	1
For reducing waste volume and minimize collection fee	0	0	1	0
For reducing waste volume and minimize adverse impact on environment	0	2	1	0
Other reasons	1	3	1	1

Table 3_3 How many cubic meters of waste do you normally recycle per week?

CUBIC METERS	Educational centers/offices	INSTIT Shops/ stores	TUTION Factories	Restaurants and Hotels
Less than 0.5m ³	0	3	0	0
Between 0.5m ² and 1m ²	0	0	1	1
Between 1m ³ and 5m ³	2	1	0	0
More than 10m3	0	1	0	0
Doesn't answer	0	2	0	0

Table 3_4 Which type of waste do you separate?

		INSTIT	UTION	•
TYPE OF WASTE	Educational centers/offices	Shops/ stores	Factories	Restaurants and Hotels
Paper	2	2	1	1
Cardboard	1	1	1	1
Wood	1	0	0	0
Plastic bottles	1	0	1	1
Plastic	0	3	1	0
Textiles	0	1	0	0
Glass bottles	0	0	1	1
Other glass	0	1	0	0
Food waste	0	1	0	1
Steel	0	2	1	0
Aluminium	0	1	1	0
Other metals	0	2	1	0
Leather	0	1	0	0
Tires	1	0	0	0
Toxic waste	0	0	1	0
Other types of waste	0	1	0	0

Table 3_5 Why do not you separate your waste?

REASONS	Educational centers/offices	INSTI Shops/ stores	Factories	Restaurants and Hotels
There is no reason to do it	4	19	1	1
It is troublesome to do it	2	5	1	0
It increases the costs	0	1	1	0
Waste collectors separate it	1	3	0	0
Other reasons	0	0	0	2

 ${\bf Table~3_6} \\ {\bf Do~you~think~recycling~is~necessary~for~the~Greater~San~Salvador~Metropolitna~Area?}$

			INSTITUTION		
ANSWER	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels
Yes, inmediately	7	32	3	1	4
Yes, inmediately It is not necessary	1	3	0	0	0

Table 5_1
Does anyone of your employee staff clean the road shoulder
or adjacent public area in front of your establishment?

			INSTITUTION		
ANSWER	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels
No	3	1	0	0	0
Yes, almost daily	5	29	3	1	3
Yes, sometimes	1	5	0	0	1

Table 5_2 Would your institution participate in a campaign for maintaining a cleaner city and environment?

ANSWER	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels
Would not participate	0	2	0	0	1
Would participate	9	32	2	1	3
Doesn't know/doesn't answer	0	1	1	0	0

Table 5_3
Do you think a campaign to raise awareness of people for maintaining the city and environment cleaner is necessary?

ANSWER	Educational centers/offices	Shops/ stores	NSTITUTION Marketplaces and rastros	Factories	Restaurants and Hotels
Yes, it is	9	35	3	1	4

Table 5_4 Who should take such action?

ANSWER	Educational centers/offices	Shops/ stores	NSTITUTION Marketplaces and rastros	Factories	Restaurants and Hotels
	-			_	_
Local municipality	2	10	l	0	2
Central government	1	6	0	0	0
COAMSS	1	3	1	0	0
Community	0	3	1	0	0
Private companies	1	3	0	0	0
Schools	1	1	0	1	0
Family members	0	1	0	0	0
All the above options	3	8	0	0	2
-					

Table 6_1_a What are the three main problems related to solid waste management for you? (first mention)

			INSTITUTION		ist mention
OPINION	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels
Smoke caused by burning waste in the areas nearby	3	8	0	0	0
Unreliable waste collection	3	5	1	0	1
Dirty water, smoke, offensive odor	0	7	0	1	2
Increase of mice and rats	2	3	1	0	1
Offensive odor	0	6	0	0	0
Blockage of drainage	1	3	0	0	0
Looks dirty	0	3	1	0	0

Table 6_1_b
What are the three main problems related to solid waste management
for you? (second mention)

30 miles	INSTITUTION Educational Short Medicals B						
OPINION	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels		
Offensive odor	1	14	2	0	0		
Blockage of drainage	2	5	1	0	1		
Dirty water, smoke, offensive odor	2	4	0	0	1		
Increase of mice and rats	0	6	0	0	0		
Smoke caused by burning waste in	2	3	0	1	0		
the areas nearby							
Unreliable waste collection	1	2	0	0	2		
Looks dirty	1	1	0	0	0		

Table 6_1_c
What are the three main problems related to solid waste management
for you? (third mention)

	INSTITUTION					
OPINION	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels	
Looks dirty	3	11	1	0	1	
Blockage of drainage	2	6	1	1	1	
Dirty water, smoke, offensive odor	2	3	1	0	1 0	
Offensive odor	2	4	0	0	0	
Smoke caused by burning waste in the areas nearby	0	5	0	0	0	
Increase of mice and rats	0	3	0	0	1	
Unreliable waste collection	0	3	0	0	0	

Table 1_1 What is your business?

			NSTITUTION	7	_
ANSWER	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurant and Hotels
Hotels	0	0	0	0	1
Commerce	0	16	0	0	0
Restaurant	0	5	0	0	3
Government office	6	0	0	0	0
Shop	0	7	0	0	0
Garage	0	4	0	0	0
Supermarket	1	2	0	0	0
Factories	0	1	0	1	0
Municipal market	0	0	3	0	0
School/educational center	2	0	0	0	0

Table 1_2 How many employees do you have?

	INSTITUTION						
NUMBER	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels		
Less than 10	2	25	3	0	0		
Between 10 and 19	0	4	0	0	1		
Between 20 and 49	1	3	0	0	2		
100 or more	6	2	0	1	1		
Doesn't know/doesn't answer	0	1	0	0	0		

Table 1_3 How much are the annual sales? (in colones)

		.00000000000000000000000000000000000000	INSTITUTION	V	
ANNUAL SALES	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurant and Hotels
Less than 50,000	1	14	0	0	0
50,000 to 100,000	1	3	0	0	1
100,001 to 500,000	0	5	3	0	0
500,001 to 1,000,000	0	3	0	0	0
Between 1,000,001 and 5,000,000	0	1	0	0	0
5,000,000 or more	2	4	0	1	1
Doesn't know/doesn't answer	1	5	0	0	2

Table 1_4 How large is your business' total floor area?

			NSTITUTIO:		
AREA	Educational centers/offices	Shops/	***************************************	Factories	Restaurants and Hotels
Less than 50m ²	1	13	0	0	0
50m ² to 99m ²	3	8	1	0	2
100m ² to 199m ²	0	3	0	0	0
200m ² to 499m ²	0	4	0	0	0
500m ² to 999m ²	3	3	1	0	0
1000m ² or more	1	2	1	1	1
Doesn't know/doesn't answer	1	2	0	0	1

Table 1_5 How many years have you been running your business here?

YEARS	Educational centers/offices	Shops/ stores	INSTITUTIO Marketplaces and rastros	N Factories	Restaurants and Hotels
Less than 5 years	1	16	0	0	0
Between 5 and 9 años	1	5	1	0	1
Between 10 and 19 años	2	7	0	0	2
20 years or more	5	7	2	1	1

Table 3_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?

ANSWER	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels
Fee should not increase	3	23	2	0	2
Up to 10% more	6	11	0	1	1
Up to 10% more Up to 50% more	0	1	1	0	1

Table 4_2 Who do you pay the collection fee to?

ANSWER	Educational centers/offices	INSTIT Shops/ stores	UTION Factories	Restaurants and Hotels
Municipality	4	21	0	1
Municipality Private collector	0	2	1	0
Other answers	0	1	0	1

Table 4_3 What do you think about the amount of waste collection fee?

ANSWER	Educational centers/offices	INSTEI Shops/ stores	Factories	Restaurants and Hotels
It is too high	1	15	0	2
It is appropiate	2	8	1	0
It is cheap	1	1	0	0

 $Table\ 4_5$ Do you accept that the amount of waste collection fee is set depending on...

		1	NSTITUTIO	٧	
ANSWER	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels
Annual sales	0	3	0	0	0
Total floor area	0	6	0	1	1
Number of employees	0	2	0	0	1
Amount of waste	6	21	3	0	2
Electricity consumption	2	2	0	0	0
Water supply consumption	0	2	0	0	0
Number of seats	1	0	0	0	0
Number of rooms	0	0	0	0	1

Table 4_6 How often would you like to pay you bill?

1	Educational	~~~~~~	INSTITUTION	ľ	Doctorments
FREQUENCY	centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels
Monthly	8	32	3	1	4
Once every three months	1	2	0	0	0
Once every six months	0	1	0	0	0

Table 4_7 How much do you pay for the electricity service? (per month)

	INSTITUTION						
ANSWER	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels		
Nothing, they don't pay	1	0	0	0	0		
25-50	1	0	0	0	0		
50-100	0	2	0	0	0		
100-200	0	5	0	0	0		
200-500	0	15	0	0	1		
500-1000	1	4	1	0	0		
1000-1500	0	1	0	0	0		
2000-3000	0	3	0	0	0		
3000-5000	0	1	0	0	1		
More than 5000	2	3	1	1	1		
Doesn't know/doesn't answer	4	1	1	0	1		

Table 4_8
How much do you pay for water supply service? (per month)

	INSTITUTION					
Answer	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels	
Nothing, they don't pay	0	1	0	0	0	
10-25	0	2	0	0	0	
25-50	2	7	0	0	0	
50-100	1	8	0 -	0	0	
100-200	0	3	0	0	0	
200-500	0	6	0	0	0	
500-1000	0	1	0	0	1	
1000-1500	2	2	2	0	1	
3000-5000	0	1	0	0	0	
More than 5000	0	1	0	1	1	
Doesn't know/doesn't answer	4	3	1	0	1	

Table 4_9
How much do you pay for income tax? (per month)

	HUW	now much do you pay for income tax: (per month					
		INSTITUTION					
ANSWER	Educational centers/offices	Shops/ stores	Marketplaces and rastros	Factories	Restaurants and Hotels		
Nothing, they don't pay	0	0	2	0	0		
Less than 10	0	2	0	0	0		
10-25	1	2	0	0	0		
25-50	0	5	0	0	0		
50-100	0	3	0	0	0		
100-200	2	4	0	0	0		
200-500	0	1	0	0	1		
500-1000	0	1	0	0	0		
2000-3000	0	2	0	0	0		
More than 5000	0	1	0	1	1		
Doesn't know/doesn't answer	6	14	1	0	2		