

Table 1. Distribution of schoolchildren/teens with developmental disabilities according to predisposition for using oral health services and visits to the dentist or oral hygienist in the last 12 months. Colombia's Capital District

Predisposing factors		Visits to the dentist or oral hygienist in the last 12 months						p value
		No		Yes		Total n		
		n	%	n	%			
Sex	Male	20	29.4	48	70.6	68	0.756	
	Female	9	26.5	25	73.5	34		
Schoolchildren age ranges	3-5	6	40.0	9	60.0	15	0.639	
	6-11	12	24.5	37	75.5	49		
	12-15	6	33.3	12	66.7	18		
	16-18	5	25.0	15	75.0	20		
Health regime	Contributory	20	35.7	36	64.3	56	0.321	
	Special	4	18.2	18	81.8	22		
	Subsidized	5	21.7	18	78.3	23		
	Doesn't know. No answer	0	0.0	1	100.0	1		
Place in the family	First child	7	29.2	17	70.8	24	0.154	
	Second child	9	45.0	11	55.0	20		
	Third or higher	13	22.4	45	77.6	58		
Number of people in the household	2	2	33.3	4	66.7	6	0.933	
	3	8	32.0	17	68.0	25		
	4	9	25.0	27	75.0	36		
	5 or more	10	28.6	25	71.4	35		
Number of siblings in the household	0	6	26.1	17	73.9	23	0.667	
	1	14	33.3	28	66.7	42		
	2	8	27.6	21	72.4	29		
	3 or more	1	12.5	7	87.5	8		
Current disability diagnosis	Mild intellectual disability	11	36.7	19	63.3	30	0.596	
	Moderate intellectual disability	9	23.1	30	76.9	39		
	Severe intellectual disability	2	50.0	2	50.0	4		
	Profound Intellectual Disability	1	20.0	4	80.0	5		
	Unspecified intellectual disability	6	25.0	18	75.0	24		
Marital status	Single	2	28.6	5	71.4	7	0.200	
	Married	13	24.5	40	75.5	53		
	Domestic partnership	12	42.9	16	57.1	28		
	Widow/er	0	0.0	0	0.0	0		
	Separated	2	14.3	12	85.7	14		
Socioeconomic stratum	Low	9	21.4	33	78.6	42	0.399	
	Mid	18	32.7	37	67.3	55		
	High	2	40.0	3	60.0	5		
Currently working	Yes	24	30.4	55	69.6	79	0.419	
	No	5	21.7	18	78.3	23		
Type of parents' working relationship	Laborer	0	0.0	0	0.0	0	0.536	
	Employee with permanent contract	9	22.0	32	78.0	41		
	Employee with fixed-term contract	4	28.6	10	71.4	14		
	Self-employed	7	41.2	10	58.8	17		
	Informal worker	4	33.3	8	66.7	12		
	Other	2	50.0	2	50.0	4		

Table 2. Distribution of schoolchildren/teens with developmental disabilities according to ability to use oral health services and attend visits to the dentist or oral hygienist in the last 12 months. Colombia's Capital District

Schoolchildren/teens' co-morbidities		Visits to the dentist or oral hygienist in the last 12 months					P value
		No		Yes		Total	
		N	%	N	%	N	
Hypoglycemia	Yes	1	100.0	0	0.0	1	0.111
	No	28	27.7	73	72.3	101	
Reasons for consulting		Visits to the dentist or oral hygienist in the last 12 months					P value
		No		Yes		Total	
		N	%	N	%	N	
Toothache	Yes	11	37.9	18	62.1	29	0.180
	No	18	24.7	55	75.3	73	
Bleeding gums	Yes	3	10.3	26	89.7	29	0.011
	No	26	35.6	47	64.4	73	
Failed restorations	Yes	1	100.0	0	0.0	1	0.111
	No	28	27.7	73	72.3	101	
Practitioner consulted		Visits to the dentist or oral hygienist in the last 12 months					P value
		No		Yes		Total	
		N	%	N	%	N	
Dentist or oral hygienist	Yes	23	25.8	66	74.2	89	0.129
	No	6	46.2	7	53.8	13	
No one	Yes	3	50.0	3	50.0	6	0.227
	No	26	27.1	70	72.9	96	
Quality of health care service received		Visits to the dentist or oral hygienist in the last 12 months					P value
		No		Yes		Total	
		N	%	N	%	N	
Problems	Long waiting times	5	27.8	13	72.2	18	0.066
	The problem resolved on its own or patient feels better now	1	50.0	1	50.0	2	
	Went to the dental appointment but was not treated	0	0.0	1	100.0	1	
	The appointment is expensive, or patient had no money	1	50.0	1	50.0	2	
	Schedules didn't fit, or patient didn't have time	2	66.7	1	33.3	3	

Poor health care service	4	100.0	0	0.0	4
Too much paperwork related to health service provider (eps/ars/ips)	4	13.3	26	86.7	30
Lack of trust in practitioners or others providing service, or patient thinks they cannot help him/her	1	33.3	2	66.7	3
Was not able to get an appointment, or it was scheduled for a very late date	6	25.0	18	75.0	24
The service was not covered or authorized	2	25.0	6	75.0	8
Patient doesn't like to be treated	2	50.0	2	50.0	4
Patient didn't know that he/she had the right	0	0.0	1	100.0	1
Patient doesn't know where services are provided	0	0.0	1	100.0	1
Patient thought there was no need to consult	1	100.0	0	0.0	1

Dental services required		Visits to the dentist or oral hygienist in the last 12 months					
		No		Yes		Total	P value
		N	%	N	%	N	
Check-up or examination	Yes	20	41.7	28	58.3	48	0.005
	No	9	16.7	45	83.3	54	
Dental fillings	Yes	4	13.3	26	86.7	30	0.029
	No	25	34.7	47	65.3	72	

Do you know your rights as a patient?		Visits to the dentist or oral hygienist in the last 12 months					
		No		Yes		Total	P value
		N	%	N	%	N	
Do you know your rights in general health care	Yes	9	19.1	38	80.9	47	0.055
	No	20	36.4	35	63.6%	55	
Do you know your rights in oral health care	Yes	5	16.7	25	83.3	30	0.089
	No	24	33.3	48	66.7	72	

Table 3. Distribution of schoolchildren/teens with developmental disabilities regarding the need for oral health services and visits to the dentist or oral hygienist in the last 12 months. Colombia's Capital District.

Quality of life and oral health		Visits to the dentist or oral hygienist in the last 12 months					P-value
		No		Yes		Total	
		N	%	N	%	N	
Have had trouble pronouncing words because of problems with teeth	Yes	15	22.7%	51	77.3%	66	0.084
	No	14	38.9%	22	61.1%	36	
Feel nervous due to problems with teeth or mouth	Yes	10	22.2%	35	77.8%	45	0.217
	No	19	33.3%	38	66.7%	57	
Geographic accessibility		Visits to the dentist or oral hygienist in the last 12 months					P value
		No		Yes		Total	
		N	%	N	%	N	
Means of transportation used to get to the health center providing dental care	Transmilenio/sitp	22	31.4%	48	68.6%	70	0.087
	Taxi	3	25.0%	9	75.0%	12	
	Inter-municipal bus	0	0.0%	1	100.0%	1	
	Own vehicle	2	11.8%	15	88.2%	17	
	Walking	2	100.0%	0	0.0%	2	
	None	7	35.0%	13	65.0%	20	
Influence of the dentist		Visits to the dentist or oral hygienist in the last 12 months					P value
		No		Yes		Total	
		N	%	N	%	N	
The dentist provided instructions to follow after the appointment	Yes	26	89.7%	49	67.1%	75	0.020
	No	3	10.3%	24	32.9%	27	

Table 4. Determinants for oral health services use among schoolchildren/teens with developmental disabilities based on multiple logistic regression. Colombia's Capital District

Model	Or	95% ci	P-value
Bleeding gums			
Yes	51.14	2.62 996.97	0.009
No	1.00		
Seeing a physician			
Yes	22.08	0.68 716.03	0.081
No	1.00		
Reason for consulting: check-up or examination			
Yes	0.01	0.00 0.14	0.001
No	1.00		
Knowledge of general health care rights			
Yes	32.84	2.70 399.25	0.006
No	1.00		
Quality of fit			
Omnibus test		$P = 0.000$	
Hosmer-lemeshow test		$P = 0.998$	
Nagelkerke's r 2		0.604	