

# 국민학교 아동의 구강보건관리 및 지식에 대한 실태조사(II)

-전북 부안군 농촌지역을 중심으로-

원광보건전문대학 치기공과

## The survey of actual condition of pupils care and Knowlege of dental hygiene()

Centering the rural area around Booan-Kun Chollabuk-do -

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### - ABSTRACT -

We investigated 974 male and female students who are in 4th, 5th and 6th year of 8 elementary schools are located win Puan-kun, the farm area of Chollabuk-do, and the results are as follows.

1. Visiting dental clinic in order to be treated for dental caries hold the highest rate as 26.1% of male students and 30.3% of female students.
2. On fear when children visit dental clinic, first, 25.6% of male students and 35.1% of female students mark the highest rate as some what fear. Second, 23.1% of male students represent to be usual and 29.4% of female students represent to be very fear. There fore it speaks for dissimilarity in character between male and female students.
3. On reason of developing dental caries, 62.5% of male students and 55.8% of female students replied that it was developed because they frequently ate the sweet things.
4. Children who pull out deciduous teeth alone mark the highest rate as 44.7% of male students and 38.6% of female students.
5. On important thing for ordinary dental health, 56.2% of male students and 58.5% of female students as the highest rate replied that they often brushed their teeth.

## 목 차

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- 1 .
- 2.

I. 서론

(1988. 7)

8

가

가

가

( 가 )

1978

13

II. 조사대상 및 방법

1. 조사대상

8

가

1983

가

4,5,6

1,000

974

1985

545

1

20

1.

COUNT ROW COL TOT	PCT PCT PCT	Male				Female				학교별 인원 및 백분율
		4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL	
1. 대촌국교		14	31	16	34	14	16	22	52	95
		32.6	30.2	37.2	9.0	26.9	30.8	42.3	10.5	9.8
		11.6	9.0	7.5		10.9	11.6	9.6		
		2.9	2.7	3.3		2.7	3.2	4.4		
2. 수월국교		11	16	22	49	14	16	15	45	45
		22.4	32.7	44.9	10.2	31.1	35.6	33.3	9.1	9.7
		9.1	11.1	10.3		10.9	11.6	6.6		
		2.3	3.3	4.6		2.8	3.2	3.0		
3. 주산국교		22	26	25	73	30	25	26	81	154
		30.1	35.6	34.2	15.2	37.0	30.9	32.1	16.4	15.8
		18.2	18.1	11.7		21.7	19.5	11.4		
		4.6	5.4	5.2		6.1	5.1	5.3		
4. 백산국교		43	34	19	96	42	25	36	103	199
		44.8	35.4	19.8	20.0	40.8	24.3	35.0	20.8	20.4
		35.5	23.6	8.9		30.4	19.5	15.7		
		9.0	7.1	4.0		8.5	5.1	7.3		
5. 죽산국교		0	0	78	78	0	25	69	69	147
		0.0	0.0	100.0	16.3	0.0	24.3	100.0	13.9	15.1
		0.0	0.0	36.4		0.0	19.5	30.1		

	0.0	0.0	16.3		0.0	5.1	13.9		
6.성덕국교	0	19	13	32	0	18	20	38	70
	0.0	59.4	40.6	6.7	0.0	47.4	52.6	7.7	7.2
	0.0	13.2	6.1		0.0	14.1	8.7		
	0.0	4.0	2.7		0.0	3.6	4.0		
7.부안남국교	30	13	32	75	32	13	28	73	148
	40.0	17.3	42.7	15.7	43.8	17.8	38.4	14.7	15.2
	24.8	9.0	15.0		23.2	10.2	12.2		
	6.3	2.7	6.7		6.5	2.6	5.7		
8.남포국교	1	23	9	33	2	19	13	34	67
	3.0	69.7	27.3	6.9	5.9	55.9	38.2	6.9	6.9
	0.8	16.0	4.2		1.4	14.8	5.7		
	0.2	4.8	1.9		0.4	3.8	2.6		
COLUMN TOTAL	121	144	214	479	138	128	229	495	974
	25.3	30.1	44.7	100.0	27.9	25.9	46.3	100.0	100.0

2. 조사방법

( 10)

( 가 1 가 ( 1 2) )  
 3) ( 4) )  
 ( 5) )  
 7) ( 8) )  
 ( 9),

Cobl Coding form 移記  
 SPSS  
 EQUENCIES  
 PRIUE-750 SYSTEM FREQUENCIES  
 CROSSTABLATIONS( 2 )  
 (Significance level) 0.05

III. 조사결과

1. ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
	114	137	208	459	133	124	224	481

1.TOOTH-PASTE	24.8	29.8	45.3	95.8	27.7	25.8	46.6	97.2
	94.2	95.1	97.2		96.4	96.9	97.8	
	23.8	28.6	43.4		26.9	25.1	45.3	
2.SALT	7	7	6	20	5	4	5	14
	35.0	35.0	30.0	4.2	35.7	28.6	35.7	2.8
	5.7	4.9	2.8		3.6	3.1	2.2	
	1.5	1.5	1.3		1.0	0.8	1.0	

2. ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	ROW TOTAL	6년	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	121 25.3	144 44.7	214 44.7	479 1.00	138 27.9	128 25.9	229 46.3	495 100.0
1. YES	116	206	206	460	136	127	227	490
	25.2	44.8	44.8	96.0	27.8	25.9	46.3	99.0
	95.9	96.3	96.3		98.6	99.9	99.1	
	24.2	43.0	43.0		27.5	25.7	45.9	
2. NO	5	8	8	19	2	1	2	5
	26.3	42.1	42.1	4.0	40.0	20.0	40.0	1.0
	4.1	3.7	3.7		1.4	0.8	0.9	
	1.0	1.7	1.7		0.4	0.2	0.4	

19 40%가 42, 5 40 . 6 68 150  
5명 1.0% 30.3% 가  
37  
4 26, 5 7.7%, 22 4.4% ,  
34, 6 41 100  
21. 1% , 4 27, 5 37, 17 3.5%, 10 2.0%  
6 54 118 23.8% .  
4 11 2.3%, 17  
25, 5 46, 6 54 3.4% .  
125 26.1% , 4 가

3. ?

COUNT ROW PCT COL PCT TOP PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL

COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
1.For pulling out my tooth	26 25.7 21.5 5.4	34 33.7 23.6 7.1	41 40.6 19.2 8.6	101 21.1	27 22.9 19.6 5.5	37 31.4 28.9 7.5	54 45.8 23.6 10.9	118 23.8
2.For treatment of dental caries	25 20.0 20.7 5.2	46 36.8 31.9 9.6	54 43.2 25.2 11.3	125 26.1	42 28.0 30.4 8.5	40 26.7 31.3 8.1	68 45.3 29.7 13.7	150 30.3
3.Following with my parents	9 24.3 7.4 7	5 13.5 3.5 1.0	23 62.2 10.7 4.8	37 7.7	7 31.8 5.2 1.4	4 18.2 3.1 0.8	11 50.0 4.8 2.2	22 4.4
4.For treatment of dental orthodontic	7 41.2 5.8 1.5	4 23.5 2.8 0.8	6 35.3 2.8 1.3	17 3.5	5 50.0 3.6 1.0	2 20.0 1.6 0.4	3 30.0 1.3 0.0	10 2.0
5.For only see ing a doctor (medical examination)	3 27.3 2.5 0.6	1 9.1 0.7 0.2	7 63.6 3.3 1.5	11 2.3	5 29.4 3.6 1.0	4 23.5 3.1 0.8	4 47.1 3.5 1.6	17 3.4
6.Others	51 27.1 42.1 10.6	54 28.7 37.5 11.3	83 44.1 388 17.3	188 39.2	52 29.2 37.7 10.5	41 23.0 32.0 8.3	85 47.8 37.1 17.2	178 36.0

4 51.5 15.4% 13 6.2%

54, 6 83 188 5 39.2%

39.2% 4 52.5 178 13.8% 61 21.5%

36.0% 가 39 19.8% 가 56

가

49

62 29.4% 30 15.4% 17.3% 26 9.2%

50 25.6% 74 35. 30 10.6% 34 12.0%

1% 29 10.2%

45 23.1% 26 12.3% 16 5.6%

가 76

39 20.0% 32 15.2% 26.9% 가 95 33.5%

30

4.

( )

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4 년	5 년	6 년	ROW TOTAL	4 년	5 년	6 년	ROW TOTAL
COLUMN TOTAL	46 23.6	63 32.3	86 44.1	195 100.0	59 28.0	59 28.0	93 44.1	211 100.0
1. Very fear	5 16.7 10.9 2.6	12 40.0 19.0 6.2	13 43.3 15.1 6.7	30 15.4	20 32.3 33.9 9.5	22 35.5 37.3 10.4	20 32.3 21.5 9.5	62 29.4
2. Somewhat fear	8 16.0 17.4 4.1	19 38.0 30.2 9.7	23 46.0 26.7 11.8	50 25.6	19 25.7 32.2 9.0	22 29.7 37.3 10.4	33 44.6 35.5 15.6	74 35.1
3. Being usual	11 24.4 23.9 5.6	14 31.1 22.2 7.2	20 44.4 23.3 10.3	45 23.1	5 19.2 8.5 2.4	8 30.8 13.6 3.8	13 50.0 14.0 6.2	26 12.3
4. Being not particularly fear	11 28.2 23.9 5.6	10 25.6 15.9 5.1	18 46.2 20.9 9.2	39 20.0	4 12.5 6.8 1.9	5 15.6 8.5 2.4	23 71.9 24.7 10.9	32 15.2
5. No fear	11 36.7 23.9 5.6	8 26.7 12.7 4.1	11 36.7 12.8 5.5	30 15.4	7 53.8 11.9 3.3	2 15.4 3.4 0.9	30.8 4.3 1.9 1.9	13 6.2
6. Others	0 0.0 0.0 0.0	0 0.0 0.0 0.0	1 100.0 1.2 0.5	1 0.5	4 100.0 6.8 1.9	0 0.0 0.0 0.0	0 0.0 0.0 0.0	4 1.9

Nmnder of missing observations, Male 284 Female 284

4.

( )

COUNT ROW PCT COL PCT TOP PCT	Male				Female			
	4 년	5 년	6 년	ROW TOTAL	4 년	5 년	6 년	ROW TOTAL
COLUMN TOTAL	74 26.1	81 28.6	128 45.2	283 100.0	79 27.8	69 24.3	136 47.9	284 100.0
1. Very fear	7	19	13	39	12	29	20	61

	17.9	48.7	33.3	13.8	19.7	47.5	32.8	21.5
	9.5	23.5	10.2		15.2	42.0	14.7	
	2.5	6.7	4.6		4.2	10.2	7.0	
2. Somewhat fear	8	19	29	56	9	12	35	56
	14.3	33.9	51.8	19.8	16.1	21.4	62.5	19.7
	10.8	23.5	22.7		11.4	17.4	25.7	
	2.8	6.7	10.2		3.2	4.2	12.3	
3. Being usual	14.3	11	23	56	8	10	8	26
	10.8	22.4	46.9	17.3	30.8	38.5	30.8	9.2
	2.8	13.6	18.0		10.1	14.5	5.9	
	15	3.9	8.1		2.8	3.5	2.8	
4. Being not particularly fear	30.6	7	20	34	7	4	19	30
	20.3	20.6	58.8	12.0	23.3	13.3	63.3	10.6
	5.3	8.6	15.6		8.9	5.8	14.0	
	7	2.5	7.1		2.5	1.4	6.7	
5. No fear	20.6	9	17	29	2	2	12	16
	9.5	31.0	58.6	10.2	12.5	12.5	75.0	5.6
	2.5	11.1	13.3		2.5	29	8.8	
	3	3.2	6.0		0.7	0.7	4.2	
6. Others	34	16	26	76	41	12	42	95
	44.7	21.1	34.2	26.9	43.2	12.6	44.2	33.5
	45.9	19.8	20.3		51.9	17.4	30.9	
	12.0	5.7	9.2		14.4	4.2	14.8	

Number of missing observations, Male 196 Female 211

39.6%, 73 26.0%, 108 가 69 33.7%, 가  
 120 44.0%, 147 가 75 36.6%, 94 43.9%  
 52.3% , 21  
 가 42 15.4%, 59 10.2%, 41 19.2%  
 21.0% , 가  
 3 (1.1%), 2 (0.7%) 80

5. ? ( )

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOT. E
COLUMN TOTAL	73	94	106	273	79	83	119	281
	26.7	34.4	38.8	100.0	28.1	29.5	42.3	100.0
1. One time	23	38	47	108	24	29	20	73

	21.3	35.2	43.5	39.6	32.9	39.7	27.4	26.0
	31.5	40.4	44.3		30.4	34.9	16.8	
	8.4	13.9	17.2		8.5	10.3	7.1	
2. Twice	32	44	44	120	36	40	71	147
	26.7	36.7	36.7	44.0	24.5	27.2	48.3	52.3
	43.8	46.8	41.5		45.6	48.2	59.7	
	11.7	16.1	16.1		12.8	14.2	25.3	
3. More than three times	17	12	13	42	18	13	28	59
	40.5	28.6	31.0	15.4	30.5	22.0	47.5	21.0
	23.3	12.8	12.3		22.8	15.7	23.5	
	6.2	4.4	4.8		6.4	4.6	10.0	
4. No brushing	1	0	2	3	1	1	0	2
	33.3	0.0	66.7	1.1	50.0	50.0	0.0	0.7
	1.4	0.0	1.9		1.3	1.2	0.0	
	0.4	0.0	0.7		0.4	0.4	0.0	

Number of missing observations Male 206 Female 214

5. ?( )

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	48 23.4	49 23.9	108 52.7	205 100.0	59 27.6	45 21.0	110 51.4	214 100.0
1. One time	13 18.8 27.1 6.3	16 23.2 32.7 7.8	40 58.0 37.0 19.5	69 33.7	15 38.5 25.4 7.0	8 20.5 17.8 3.7	16 41.0 14.5 7.5	39 18.2
2. Twice	21 28.0 43.8 10.2	13 17.3 26.5 6.3	41 54.7 38.0 20.0	75 36.6	25 26.6 42.4 11.7	24 25.5 53.3 11.2	45 47.9 40.9 21.0	94 43.9
3. More than three times	4 19.0 8.3 2.0	7 33.3 14.3 3.4	10 47.6 9.3 4.9	21 10.2	9 22.0 15.3 4.2	5 12.2 2.3 8	27 65.9 24.5 12.6	41 19.2
4. No brushing	10 25.0 20.4 4.9	13 32.5 26.5 6.3	17 42.5 15.7 8.3	40 19.5	10 25.0 16.9 4.7	20.0 17.8 17.8 3.7	22 55.0 20.0 10.3	40 18.7

Number of missing observations Male 274 Female 281



23 , 6 58 88  
 34.5% , 4 15  
 , 5 16 , 6 41 72  
 30.4% , 4 21 ,  
 6.3%, 5 22 9.8%, 6 30  
 13.4% , 4 33 5 25 , 6 49 95  
 12.8%, 5 34 13.2%, 6 27 37.3% , 4 22  
 10.5% , 4 41 88 37.1%  
 18.3%, 5 50 22.3%, 6  
 49 21.9% , 4 36 3 , 가  
 14.0% , 5 41 15.9%, 6 2 , 1  
 67 26.0% , 5 ,  
 1 (0.4%), 10  
 1 , 가 4  
 5 28 (11.0%), 5 16 (6.3%), 6  
 18 (7.1%) 62 24.3%  
 12 , 4 25 (10.5%), 5 11  
 2 (4.6%), 6 27 (11.4%)  
 63 26.6%  
 4 7 , 5

6. 가?( )

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4 년	5 년	6 년	ROW TOTAL	4 년	5 년	6 년	ROW TOTAL
COLUMN TOTAL	60 26.8	77 34.4	87 38.8	224 100.0	72 27.9	83 32.2	103 39.9	258 100.0
1. Because the teeth are not enough brushed.	14 21.2 23.3 6.3	22 33.3 28.6 9.8	30 44.5 34.5 13.4	66 29.5	33 35.1 45.8 12.8	34 36.2 41.0 13.2	27 28.7 26.2 10.5	94 36.4
2. Because of having sweets frequently	41 29.3 8.3 18.3	50 35.7 64.9 22.3	49 35.0 56.3 21.9	140 62.5	36 25.0 50.0 14.0	41 28.5 49.4 15.9	67 46.5 65.0 26.0	144 55.8
3. Congenital	0 0.0 0.0 0.0	1 100.0 1.3 0.4	0 0.0 0.0 0.0	1 0.4	1 100.0 1.4 0.4	0 0.0 0.0 0.0	0 0.0 0.0 0.0	1 0.4
4. Because the	2	2	1	5	1	3	1	5

teeth are weak.	40.0 3.3 0.9	40.0 2.6 0.9	20.0 1.1 0.4	2.2	20.0 1.4 0.4	60.0 3.6 1.2	20.0 1.0 0.4	1.9
5.I don't know	3 25.0 5.0 1.3	2 16.7 2.6 0.9	7 58.3 8.0 3.1	12 5.4	0 0.0 0.0 0.0	4 33.3 4.8 1.6	8 66.7 7.8 3.1	12 4.7
6.Others					1 50.0 1.4 0.4	1 50.0 1.2 0.4	0 0.0 0.0 0.0	2 0.8

Number of missing observations, Male 255 Female 237

6. 가?( )

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4 학년	5 년	6 년	ROW TOTAL	4 년	5 년	6 년	ROW TOTAL
COLUMN TOTAL	61 23.9	67 26.3	127 49.8	255 100.0	66 27.8	45 19.0	126 53.2	237 100.0
1.Because teeth are not enough brushed.	7 8.0 11.5 2.7	23 26.1 34.3 9.0	58 65.9 45.7 22.7	88 34.5	15 20.8 22.7 6.3	16 22.2 35.6 6.8	41 56.9 32.5 17.3	72 30.4
2.Because of having sweets frequently	21 22.1 34.4 8.2	25 26.3 37.3 9.8	49 51.6 38.6 19.2	95 37.3	22 25.0 33.3 9.3	17 19.3 37.8 7.2	49 55.7 38.9 20.7	88 37.1
3. Congenital	2 66.7 3.3 0.8	1 33.3 1.5 0.4	0 0.0 0.0 0.0	3 1.2	1 33.3 1.5 0.4	1 33.3 2.2 0.4	1 33.3 0.8 0.4	3 1.3
4.Because the teeth are weak.	2 100.0 3.3 0.8	0 0.0 0.0 0.0	0 0.0 0.0 0.0	2 0.8	1 100.0 1.5 0.4	0 0.0 0.0 0.0	0 0.0 0.0 0.0	1 0.4
5. /I don't know	1 20.0 1.6 0.4	2 40.0 3.0 0.8	2 40.0 1.6 0.8	5 2.0	20.0 3.0 0.8 25	0 0.0 0.0 0.0	8 80.0 6.3 3.4	10 4.2
6.Others	28 45.2	16 25.8	18 29.0	62 24.3	39.7 37.9	11 17.5	27 42.9	63 26.6

	45.9	23.9	14.2		10.5	24.4	21.4	
	11.0	6.3	7.1		10.5	4.6	11.4	

Number of missing observations. Male 224 Female 258

32 6.7%  
33 6.7%  
4 12 (2.5%), 5 16  
17 (3.5%), 6 35 (7.3%) (3.3%) 9 (1.8%)  
64 13.4% , 4 11 ,  
(2.2%), 5 19 (3.8%), 6 48 7 (1.5%),  
(9.7%) 78 15.8% , 16 (3.2%)  
62 (12.9%), 5 49 (10.2%) ,6 31 (6.5%), 6 48 (10.0%)  
59 (12.3%) 170 35.5% 94 19.6% 4  
, 4 73 15 (3.0%), 5 25 (5.1%), 6  
(14.7%), 5 49 (9.9%),6 56 46 (9.3%) 86 17.4%  
(11.3%) 178 36.0% 가  
1 , 2 , 94 19%

7. 가 ?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4 년	5 년	6 년	ROW TOTAL	4 년	5 년	6 년	ROW TOTAL
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.	138 27.9	128 25.9	229 46.3	495 100.0
1. Taking anodyne	12 18.8 9.9 2.5	17 26.6 11.8 3.5	35 54.7 16.4 7.3	64 13.4	11 14.1 8.0 2.2	19 24.4 14.8 3.8	48 61.5 21.0 9.7	78 15.8
2. Visiting dental clinic	62 36.5 51.2 12.9	49 28.8 34.0 10.2	59 34.7 27.6 12.3	170 35.5	73 41.0 52.9 14.7	49 27.5 38.3 9.9	56 31.5 24.5 11.3	178 36.0
3. Taking herb medicine	0 0.0 0.0 0.0	0 0.0 0.0 0.0	2 100.0 0.9 0.4	2 0.4	0 0.0 0.0 0.0	0 0.0 0.0 0.0	1 100.0 0.4 0.2	1 0.2
4. Visiting Public Health Center	7 21.9 5.8 1.5	9 28.1 6.3 1.9	16 50.0 7.5 3.3	32 6.7	11 33.3 8.0 2.2	8 24.2 6.3 1.6	14 42.4 6.1 2.8	33 6.7

5. Visiting general hospitals except dental clinic	7 43.8 5.8 1.5	6 37.5 4.2 1.3	3 18.8 1.4 0.6	16 3.3	1 11.1 0.7 0.2	3 33.3 2.3 0.6	5 55.6 2.2 1.0	9 1.8
6. Visiting Places to dental clinic	0 0.0 0.0 0.0	3 42.9 2.1 0.6	4 57.1 1.9 0.8	7 1.5	5 31.3 3.6 1.0	2 12.5 1.6 0.4	9 56.3 3.9 1.8	16 3.2
7. Enduring Pain	15 11.0 12.4 3.1	31 33.0 21.5 6.5	48 51.1 22.4 10.0	94 19.6	15 17.4 10.9 3.0	25 29.1 19.5 5.1	46 53.5 20.1 9.3	86 17.4
8. Others	18 19.1 14.9 3.8	29 30.9 20.1 6.1	47 50.0 22.0 9.8	94 19.6	22 23.4 15.9 4.4	22 23.4 17.2 4.4	50 53.2 21.8 10.1	94 19.0

36 (7.3%)      92 18.6%

가 (4.6%)      가 (3.2%)      22 가      가 20 4.2%,  
                   가 4      ,      가 14      28%      ,      가  
 (2.9%), 5. 6      15      44      21      4.2%      ,      가 27      5.6%,      가  
 9.2%      4      23 (4.6%), 5      4      37      7.7%, 5  
                   20 (4.0%),      60      12.5%, 6      117      24.4%  
                   6      29 (5.9%)      72      214      44.7%      4  
 14.5%      ,      가      31      6.3%, 5      46      9.3%, 6  
                   4      18 (3.8%), 5      114      23.0%      191      38.6%  
 20 (4.2%), 6      26 (5.4%)      ,      ,      47 (9.4%)      50  
 64      13.4%      ,      4      (10.4%)      ,      47 (9.4%)  
                   31 (6.3%), 5      25 (5.1%), 6      ,

8. 가 가?

COUNT ROW PCT COL PCT TOS PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
1. Older person	3 13.6	10 45.5	9 40.9	22 4.6	7 43.8	3 18.8	6 37.5	16 3.2

(grandfather and grandmother)	2.5 0.6	6.9 2.1	4.2 1.9		5.1 1.4	2.3 0.6	2.6 1.2	
2. Mother	14 31.8 11.6 2.9	15 34.1 10.4 3.1	15 34.1 7.0 3.1	44 9.2	23 31.9 16.7 4.6	20 27.8 15.6 4.0	29 40.3 12.7 5.9	72 14.5
3. Father	18 28.1 14.9 3.8	20 31.3 13.9 4.2	26 40.6 12.1 5.4	64 13.4	31 33.7 22.5 6.3	25 27.2 19.5 5.1	36 39.1 15.7 7.3	92 18.6
4. Family the above persons	4 20.0 3.3 0.8	9 45.0 6.3 1.9	7 35.0 3.3 1.5	20 4.2	2 14.3 1.4 0.4	4 28.6 3.1 0.8	8 57.1 3.5 1.6	14 2.8
5. The teeth out by themselves pulled	8 29.6 6.6 1.7	8 29.6 5.6 1.7	11 40.7 5.1 2.3	27 5.6	10 47.6 7.2 2.0	3 14.3 2.3 0.6	8 38.1 3.5 1.6	21 4.2
6. Alone	37 17.3 30.6 7.7	60 28.0 41.7 12.5	117 54.7 54.7 24.4	214 44.7	31 16.2 22.5 6.3	46 24.1 35.9 9.3	114 59.7 49.8 23.0	191 38.6
7. At dental clinic	15 30.0 12.4 3.1	17 34.0 11.8 3.5	18 33.0 8.4 3.8	50 10.4	14 29.8 10.1 2.8	16 34.0 12.5 3.2	17 36.2 7.4 3.4	47 9.4
8. Others	22 57.9 18.2 4.6	5 13.2 3.5 1.0	11 28.9 5.1 2.3	38 7.9	20 47.6 14.5 4.0	11 26.2 8.6 2.2	11 26.2 4.8 2.2	42 8.5

42 (85%) 38 (7.9%), 4 16  
(3.4%), 5 20 (4.3%), 6 38  
(8.2%) 74 15.9% , 4  
가? 15 (3.1%), 5 19 (3.9%), 6  
5 9 (1.9%), 6 12 (2.6%), 36 (7.5%) 70 14.5%  
37 7.9% , 4 14 (3.0%), 5 29 (6.2%), 6  
15 (3.1%), 5 4 (0.8%), 6 13 (2.8%) 56 12.0%  
13 (2.7%) 32 6.6% , 4 9 (1.9%), 5  
가 23 (4.9%), 가 23 (4. 13.3% , 19 (3.9%) 64  
8%) , 14 (3.0%),

11 (2.3%)  
 가  
 4 (15.9%), 6 (56.2%), 5 (15.4%), 6 (30.7%)  
 6 (13.3%), 5 (27.0%), 4 (2.4%), 6 (58.5%) 가  
 74 262 74 148  
 4 (21.1%), 6 (71.9%), 5 (19.4%)  
 84 (17.5%), 5 (33.2%), 4 (18.2%), 6 (96)

9.

?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	115 24.7	141 30.3	210 45.1	466 100.0	130 27.0	124 25.7	228 47.3	482 100.0
1. Always use toothpaste	12 32.4 10.4 2.6	9 24.3 6.4 1.9	16 43.2 7.6 3.4	37 7.9	15 46.9 11.5 3.1	4 12.5 3.2 0.8	13 40.6 5.7 2.7	32 6.6
2. Use a good toothbrush	9 39.1 7.8 1.9	5 21.7 3.5 1.1	9 39.1 4.3 1.9	23 4.9	14 60.9 10.8 2.9	3 13.0 2.4 0.6	6 26.1 2.6 1.2	23 4.8
	16 21.6 13.9 3.4	20 27.0 14.2 4.3	38 51.4 18.1 8.2	74 15.9	15 21.4 11.5 3.1	19 27.1 15.3 3.9	36 51.4 15.8 7.5	64 13.3
4. Take in balanced nutrition	14 25.0 12.0 3.0	29 51.8 20.6 6.2	13 23.2 6.2 28	56 12.0	9 14.1 6.9 1.9	36 56.3 29.0 7.5	19 29.7 8.3 3.9	70 14.5
5. Periodically visit dental clinic	2 14.3 1.7 0.4	6 28.6 2.8 0.9	8 57.1 3.8 1.7	14 3.0	3 27.3 2.3 0.6	2 18.2 1.6 0.4	6 54.5 2.6 1.2	11 2.3
6. Frequently brush teeth	62 22.7 57.1 13.3	74 28.2 52.5 15.9	126 48.1 60.0 27.0	262 56.2	74 26.2 56.9 15.4	60 21.3 48.4 12.4	148 52.5 64.9 30.7	282 58.5

Number of missing observations Male 13 Female 13

175 (35.4%), 361 72.9%, 가 가 22 (4.6%),  
 , 24 5.0%, 23 (4.6%), , 15  
 , 17 3.4%, (3.1%), 27 (55%), ,  
 가53 11.1%, 51 10.3%, 16 3.2%,  
 , 21 (4.4%), ,

10.

?

COUNT ROW PCT COL PCT TOT PCT	Male				Female			
	4년	5년	6년	ROW TOTAL	4년	5년	6년	ROW TOTAL
COLUMN TOTAL	121 25.3	144 30.1	214 44.7	479 100.0	138 27.9	128 25.9	229 46.3	495 100.0
1. They talk to frequently brush my teeth.	84 24.4 69.4 17.5	101 29.4 70.1 21.1	159 46.2 74.3 33.2	344 71.8	96 26.6 69.6 19.4	90 24.9 70.3 18.2	175 485 76.4 35.4	361 72.9
2. They teach me how to use toothbrush.	8 33.3 6.6 1.7	11 45.8 7.6 2.3	5 20.8 2.3 1.0	24 5.0	5 29.4 3.6 1.0	6 35.3 4.7 1.2	6 35.3 2.6 1.2	17 3.4
3. They talk about importance of dental health.	16 30.2 13.2 3.3	11 20.8 7.6 2.3	26 49.1 12.1 5.4	53 11.1	12 23.5 8.7 2.4	11 21.6 8.6 2.2	28 54.9 12.2 5.7	51 10.3
4. They bring me to dental clinic to pull out teeth or to see a doctor	6 27.3 5.0 1.3	10 45.5 6.9 2.1	6 27.3 2.8 1.3	22 4.6	11 47.8 8.0 2.2	4 17.4 3.1 0.8	8 34.8 3.5 1.6	23 4.6
5. They forbid me to have sweets for prevention from dental caries	1 6.7 0.8 0.2	2 13.3 1.4 0.4	12 80.0 5.6 2.5	15 3.1 21 4.4	4 14.8 2.9 0.8	12 44.4 9.4 2.4	11 40.7 4.8 2.2	27 5.5
7. They don't talk about it at all	6 28.6 5.0 1.3	9 42.9 6.3 1.9	6 28.6 2.8 113		10 62.5 7.2 2.0	5 31.3 3.9 1.0	1 6.3 0.4 0.2	16 3.2





가 44.7%, 38.6% 가 가

가 가 56.2%, 58.5%

9) 가 가

가 가 71.8%, 72.9%

55.8%, 62.5%, 4.6%

29.5%, 36.4% 2 가 TV ,

5.4%, 4.7%

140 가

가 가 35.5%, 36.5%

가 가 19.6%, 17.4%

가 가

6.7% 13.4%

15.8% 가

## V. 결 론

8  
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,  
가  
1. 가 97%  
2. 가  
26.1%, 30.3% 가  
3. 가 25.6%, 35.1% 가  
23. 1%가  
29.4%가  
4. 2 가  
5. 62.5%,  
55.8%  
6. 가  
가  
17.4%  
7. 가  
44.7%, 38.6% 가

8. 56.2%, 58.5%  
가  
9. 가 71.8%,  
72.9% 가

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