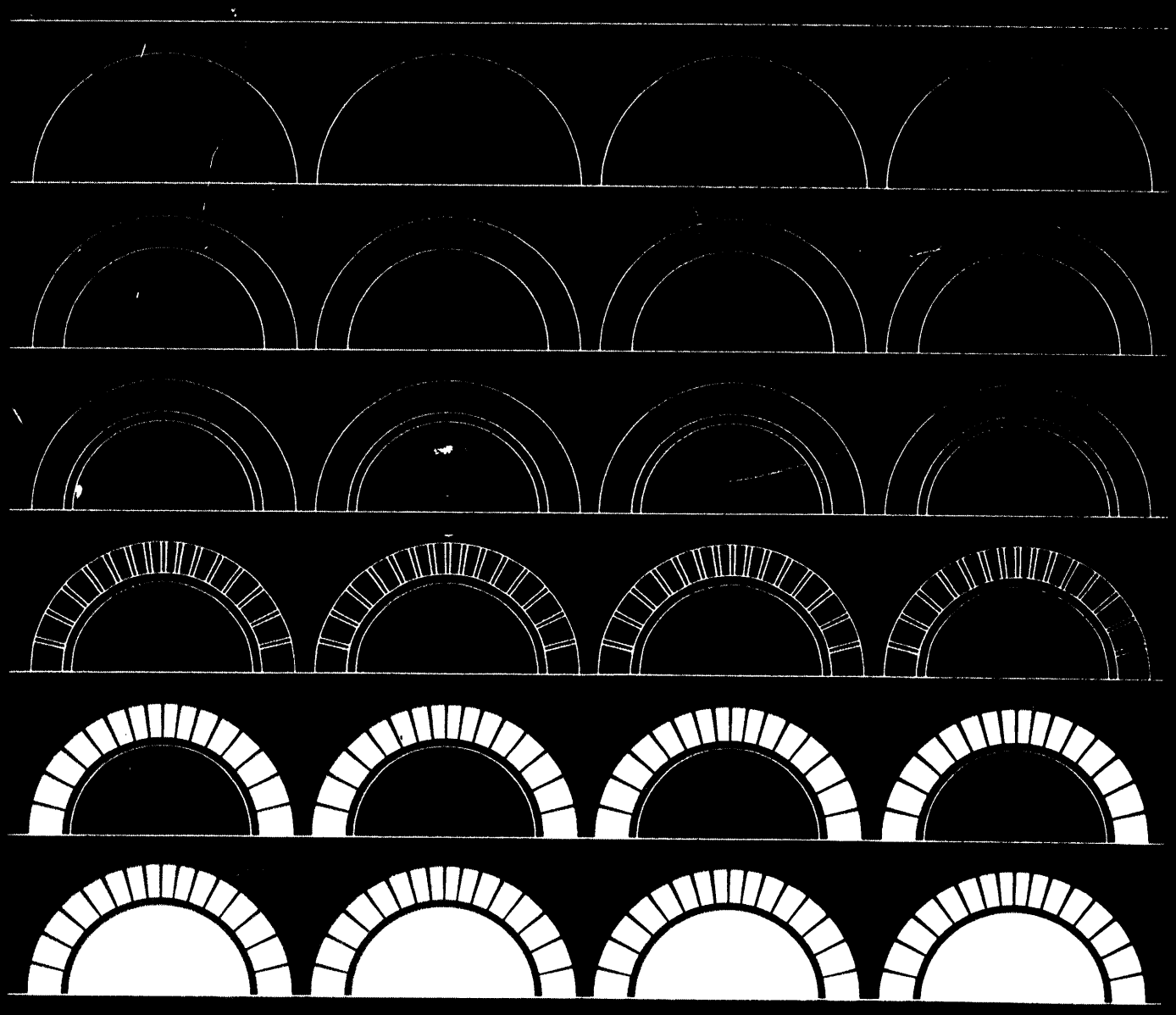
Dental Treatment Needs of United States Children

1979-1980

The National Dental Caries Prevalence Survey

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
National Institutes of Health



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BACKGROUND

The National Caries Program of the National Institute of Dental Research is a highly-targeted program of research and development whose mission is the elimination of dental caries as a major public health problem in the United States. The overall strategy to accomplish this mission is to develop agents and techniques for the prevention of dental caries, and to promote their widespread acceptance and use by the public. One of our principal concerns has been to find preventive measures that will be effective for children in the 5-17 year-old age group, where the incidence of caries is highest. It is essential, therefore, that the National Caries Program have an objective means for assessing the prevalence of dental caries and dental treatment needs among children, as well as of monitoring the effects of our preventive efforts.

The National Dental Caries Prevalence Survey was designed by the National Caries Program in cooperation with the National Center for Health Statistics and was conducted during the 1979-80 school year by a private contractor, Westat, Inc., of Rockville, Maryland. In contrast to previous surveys carried out by the National Center for Health Statistics that provide national estimates of caries prevalence for persons aged 1 to 79, the 1979-80 NIDR survey was specifically designed and the sample weighted to provide prevalence data for school children. Therefore, the number of children sampled in each age group was substantially larger than in previous surveys, with a resultant increase in the precision of the estimates.

The National Caries Program plans to repeat the prevalence survey at intervals in order to:

- detect changes in caries experience and treatment needs by geographic region;
- assess the effects of the implementation on new caries preventive measures; and
- help target preventive research strategies for groups with high levels of dental caries.

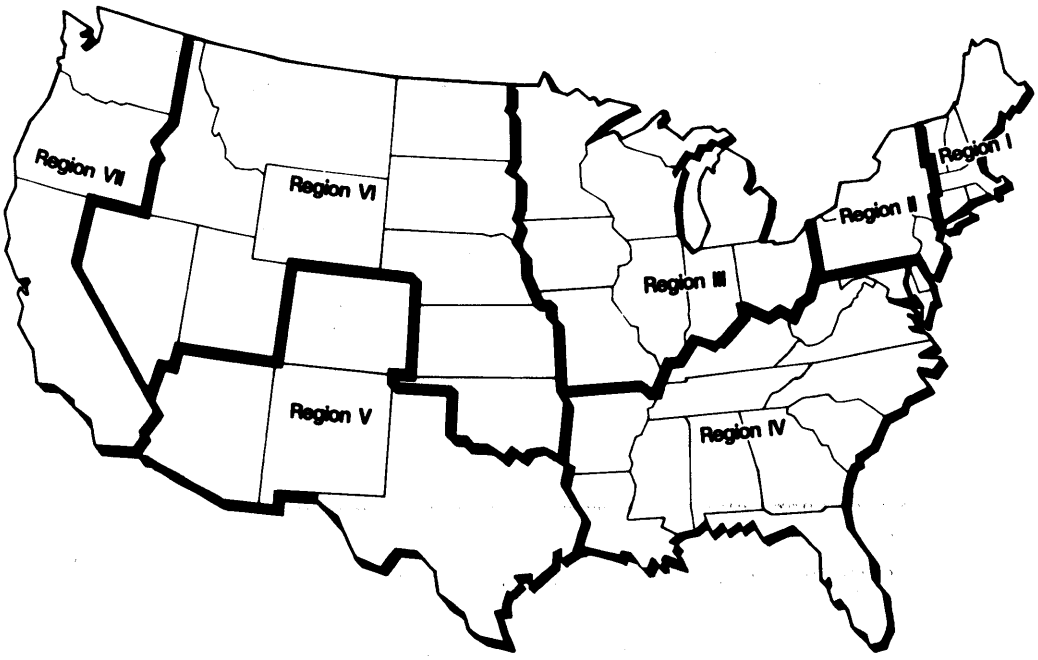
The target population for this survey included all children aged 5-17 enrolled in public or private schools. A multistage probability sample of approximately 40,000 children was drawn to represent the 48 million children in this age group. The sampling frame was the roster of primary and secondary schools and school districts maintained by the Curriculum Information Center.*

The United States (except for Alaska and Hawaii) was divided into seven geographic regions as shown in Figure 1. These seven regions can be combined to correspond with the four regions used in the 1971-73 National Health Survey, so that general trends in caries experience can be noted.

* Market Data Retrieval, Westport, Conn. 06880

Figure 1

Geographic Regions of the United States for National Dental Caries Prevalence Survey, 1979 - 1980



These regions were each stratified into SMSA* (urban) and non-SMSA (rural) areas and then into five additional strata based on median income. Within each of these 70 strata, primary sampling units (PSU's) were defined (Appendix I) and one PSU was randomly selected, with probability proportionate to the number of school children in the PSU. Each PSU consisted of public school districts and included local non-public schools. The second stage of sampling involved selecting schools within PSU's, and the final stage the random selection of classes from the designated schools. A total of 1,904 classes was thus selected across the seven regions as shown in Table A. A more detailed description of the survey design can be found in Appendix I.

Table A

Number of Classes Sampled by Region and SMSA Designation

Region	Total	SMSA	Non-SMSA
I	262	130	132
II	260	130	130
III	265	134	131
IV	264	133	131
V	269	131	138
VI	313	138	175
VII	271	130	141
Total	1904	926	978

*Standard Metropolitan Statistical Areas

Field staff for the National Dental Caries Prevalence Survey consisted of six coordinating teams and eight examination teams which had been trained and calibrated by NIDR and contractor staff according to standardized written diagnostic criteria (Appendix III). The coordinating team was headed by a lead coordinator who supervised an assistant coordinator and one or more local assistants hired from each community. Each dental examination team was composed of a licensed dentist and a trained data recorder. Dental teams conducted examinations simultaneously at separate PSU's. Examination equipment and supplies (Appendix II) were carried to the school sites in vans driven by members of the dental examination teams.

All children in the selected classes whose parents had signed consent forms were given a standardized visual-tactile examination for dental caries, gingivitis and dental restorative treatment needs. The general orthodontic status was also noted for each child.

The data from the National Dental Caries Prevalence Survey are presented in separate monographs. The first entitled, "The Prevalence of Dental Caries in United States School Children 1979-80" (NIH #82-2245) presents the dental caries findings for children aged 5-17.

This report, "Dental Treatment Needs of United States School Children 1979-80" (NIH #83-2246) presents the dental treatment needs for children aged 5-17 by age, sex, race, and other selected demographic variables. The need for restorations of various extent, extractions, tooth replacements, crowns, pulpal treatment, and gingival treatment are summarized for the entire United States (pp. 11-71) and for each of the seven geographic regions (pp. 75-267). Data for the permanent and primary dentition are presented as the number and percent of children needing treatment, the number of teeth needing treatment, the number of treatments needed per 1,000 teeth, and per 100 children. The gingival treatment needs and status of orthodontic treatment are also reported. For the deciduous dentition the data refer to children aged 5-9 only. It should be noted that because of the examination criteria used (Appendix III), all findings are apt to be conservative compared with those that would be expected from routine dental examinations with radiographs. The dental examination data from the National Dental Caries Prevalence Survey were processed and analyzed by the Biometry Section of the National Caries Program, National Institute of Dental Research.

SUMMARY OF FINDINGS

DENTAL RESTORATIVE TREATMENT NEEDS

Approximately 30 million United States school children (62.8 percent) had no need for dental restorative treatment at the time the NIDR Survey was conducted during the 1979-80 school year. (Figure 2 and APPENDIX III). The percentage of children needing no treatment ranged from 55.8 to 76.5 for the seven regions.

In contrast to the DMFS findings where the highest prevalence of dental caries was found in the Northeast and West (Regions I, II, and VII) the need for dental care was the highest in the South (Region IV) and the lowest in the West (Region VII). For children with one or more treatment needs, the greatest need across all regions in both the permanent and primary dentitions was for restorations (Table B). Of the 45.3 million children

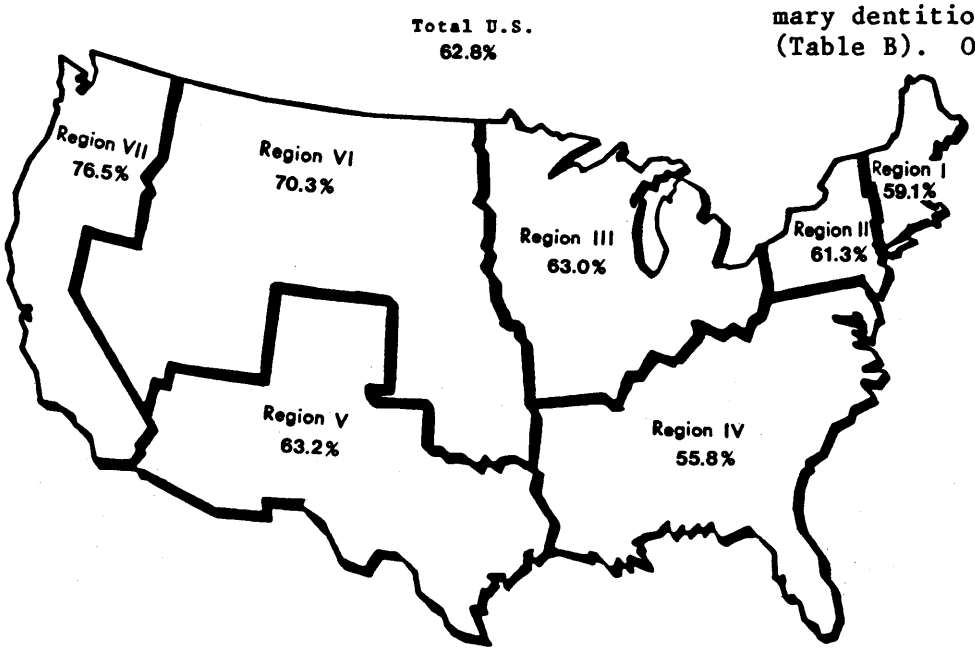


Figure 2

Percent of Children with No Dental Restorative Treatment Needs

Table B **Percent of Children Needing Treatment in the Permanent or Primary Dentitions by Geographic Region**

	Regions							
	I	II	III	IV	V	VI	VII	Total U.S.
Permanent Surfaces								
Restorations	30	28	25	30	22	18	15	25
Extractions	1	2	1	3	1	1	1	2
Replacements	4	2	2	4	3	1	1	3
Crowns	3	2	2	3	2	2	1	2
Pulpal Treatment	2	2	1	3	2	1	4	2
Primary Surfaces								
Restorations	31	30	33	38	37	25	17	32
Extractions	5	7	6	9	9	4	3	7
Crowns	4	4	5	6	6	4	3	5

with at least one permanent tooth, 11 million children (25 percent) needed restorations, and of the 16.7 million children, aged 5-9, with primary teeth, 5 million (32 percent) needed restorations.

From a slightly different perspective, 70 surfaces require restoration for every 100 children with permanent teeth, and 124 surfaces require restoration for every 100 children with primary teeth (Table C).

It was predicted when the survey was designed that, because urban areas are more likely to have fluoridated public water supplies, children residing in areas designated as SMSA would have a lower prevalence of caries. This proved to be the case; the average caries prevalence for children in SMSA's was 4.67 DMFS compared to 5.04 DMFS per child in non-SMSA's. The treatment needs per 100 children follow a similar pattern with the lowest requirement for care in areas classified as SMSA (Table C).

Table C

Dental Restorative Treatment Needs Per 100 Children According to Classification of Residence

	SMSA	NON-SMSA	Total U.S.
Permanent Dentition Ages 5-17			
Restorations	66.6	81.3	70.8
Extractions	1.9	3.8	2.4
Replacements	3.5	6.1	4.3
Crowns	2.5	3.6	2.8
Pulpal Treatment	1.7	3.0	2.1
Primary Dentition Ages 5-9			
Restorations	112.2	154.9	124.4
Extractions	9.2	18.6	11.9
Crowns	6.5	10.7	7.7

Regional differences are apparent when considering the number of treatments needed per 100 children. Region IV (South) shows the highest treatment requirement for restorations and all other treatments in both dentitions, and Region VII (West) continues to have the lowest need for care. (Figures 3 and 4).

Figure 3

Permanent Dentition - Number of Restorations and Other Treatments Needed Per 100 Children by Geographic Region

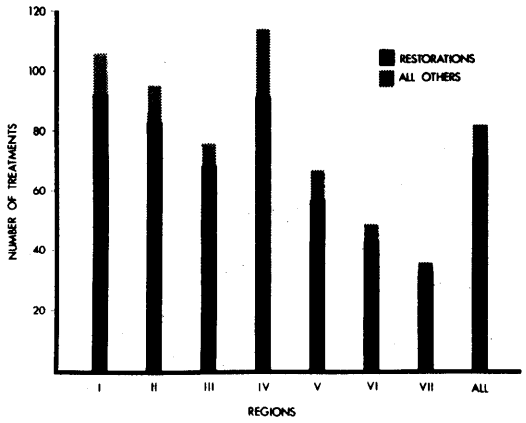
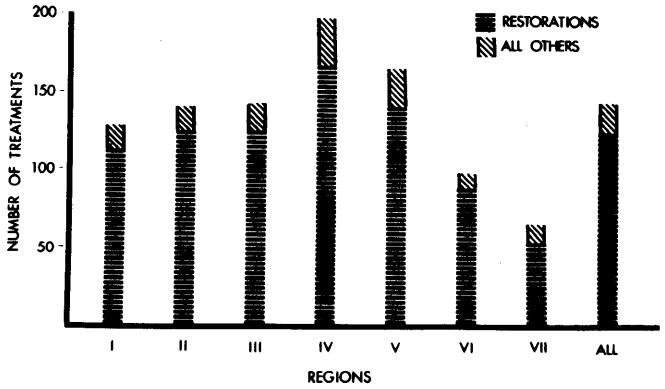


Figure 4

Primary Dentition - Number of Restorations and Other Treatments Needed Per 100 Children by Geographic Region



White children have fewer and less severe treatment needs than children of other races (Table D).

The Dental Restorative Treatment Need Index utilized for this Survey is an assessment of current needs only. The number of unmet restorative needs for a specific population group or region can be a reflection of the number of dentists in the population as well as individual utilization patterns.

Table D **Percent of United States Children Needing Treatment in the Permanent or Primary Dentitions by Race**

	Permanent Dentition		Primary Dentition	
	Whites	Blacks & All Others	Whites	Blacks & All Others
Restorations	24	33	30	40
Extractions	1	4	6	8
Crowns	2	5	5	7
Replacements	2	6		
Pulpal Treatment	1	4		

Table E **Percent of Children with Zero, Moderate or Severe Gingival Treatment Needs**

Region	Zero	Moderate	Severe
I	1	97	2
II	9	88	3
III	3	92	5
IV	6	91	3
V	3	94	3
VI	3	95	2
VII	2	97	1
Total U.S.	4%	92%	3%

GINGIVAL TREATMENT NEEDS

Ninety two percent of all United States school children (approximately 44 million) have mild or moderate gingival inflamation, indicating that these children would benefit from improved oral hygiene procedures at home and regular visits to the dental office for a routine oral prophylaxis (Table E and Appendix III).

In addition, 1.4 million children (three percent) have severe gingival conditions which warrant special attention by a dentist or periodontist (Appendix III).

Table F **Percent of Children with Current or Past Orthodontic Treatment by Sex and Geographic Region**

Region	Female	Male	Total
I	14.6	11.1	12.8
II	10.3	8.2	9.2
III	11.7	10.6	11.2
IV	11.4	9.6	10.5
V	14.0	9.8	11.9
VI	14.6	10.6	12.5
VII	20.4	14.4	17.3
Total U.S.	13.0	10.4	11.7

STATUS OF ORTHODONTIC TREATMENT

Over 5 million children (11.7 percent) are currently receiving or have completed orthodontic treatment. The highest level of treatment occurred in Region VII and the lowest in Region II. As expected, a higher percentage of females than males has had orthodontic treatment in every region of the U.S. (Table F). No attempt was made in the 1979-80 NIDR Survey to assess the need for treatment or determine the severity of malocclusion.

ESTIMATED COSTS FOR DENTAL TREATMENTS

The estimated costs for dental restorative treatment needs in U.S. children aged 5-17 are $1.5 billion dollars. This represents a cost of $1.2 billion dollars for children with permanent teeth and $.3 billion dollars for children with primary teeth (Table G). Caution should be exercised, however, when quoting these cost estimates for planning purposes because the costs: 1) represent only a specific section of the total dental population (5-17 year olds), 2) are based on 1979 rather than 1982 dollars, and 3) do not include costs required for gingival treatment needs or for ongoing orthodontic procedures.

Table G Cost Estimates for the Dental Restorative Treatment Needs in United States Children*

Permanent Dentition		Dollars in Thousands
Restorations		$ 412,647
Extractions		25,398
Replacements		241,699
Crowns		83,152
Pulpal Treatments		7,658
Pulpal Treatments with Crowns		266,037
Extractions with Replacements		169,469
	Total	$1,206,060
Primary Dentition		
Restorations		$ 224,981
Extractions		36,637
Replacements		3,658
Crowns		19,491
Pulpal Treatments		848
Pulpal Treatments with Crowns		63,012
	Total	$ 348,627
U.S. Total		$1,554,687

*Fees based on data from the Bureau of Economics and Behavorial Research. Dental fees charged by general practitioners and selected specialists in the United States, 1979. JADA Vol. 102 May 1981. pp. 675-679.

TOTAL U.S. CHILDREN

MAP AND NATIONAL PROFILE

PERCENT OF U.S. CHILDREN WITH NO TREATMENT NEEDS

TREATMENT NEEDS BY DEMOGRAPHIC VARIABLES

SURFACE RESTORATIONS

Permanent 12
Primary 18

EXTRACTIONS

Permanent 24
Primary 30

TOOTH REPLACEMENTS

Permanent 36

CROWNS

Permanent 42
Primary 48

PULPAL TREATMENT

Permanent 54

GINGIVAL TREATMENT

Permanent and Primary Combined 60

STATUS OF ORTHODONTIC TREATMENT 66

Figure 5

The United States with Geographic Regions for 1979 - 80 National Dental Caries Prevalence Survey

The United States sample for the seven regions included 146 school districts consisting of 572 schools [500 public, 72 private] located in 210 communities in 30 states including the District of Columbia. The data are based on the dental examinations of 37,956 school children.

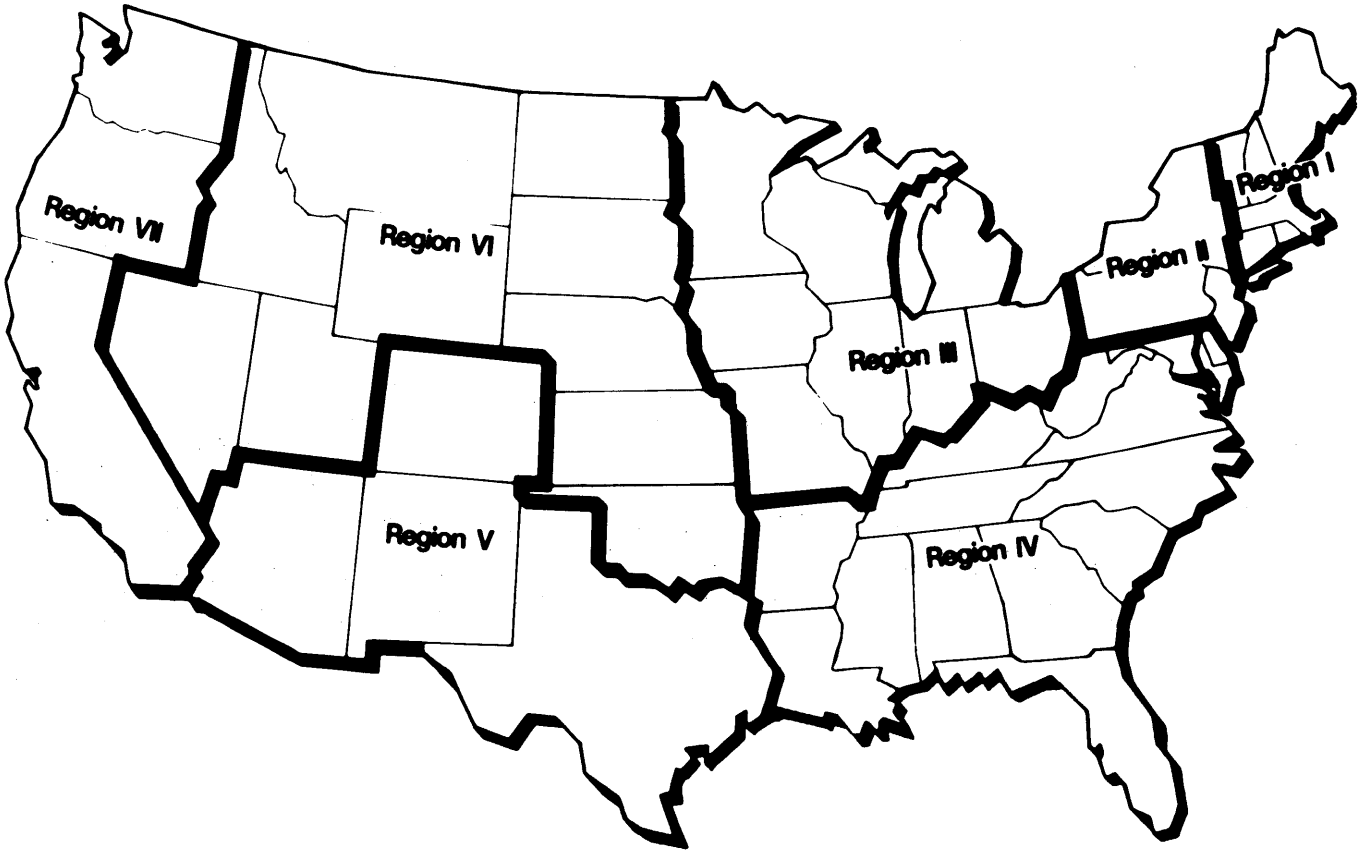


TABLE 1

PERCENT OF U.S. CHILDREN AGED 5 - 17
WITH NO TREATMENT NEEDS

AGE	REGION 1	2	3	4	5	6	7	ALL
BOTH	59.1	61.3	63.0	55.8	63.2	70.3	76.5	62.8
5	72.4	71.2	61.3	60.9	57.5	66.4	80.4	65.7
6	63.0	71.7	63.9	50.5	56.4	67.7	79.9	63.2
7	59.9	63.6	58.8	53.2	51.4	67.0	73.9	59.9
8	55.0	53.6	57.1	47.0	54.8	64.2	71.5	55.9
9	52.9	55.6	51.1	55.4	57.4	65.7	73.7	57.3
10	59.6	65.8	63.4	61.8	69.1	71.6	73.3	65.4
11	58.1	69.6	68.3	63.9	69.9	67.0	76.8	68.0
12	59.4	64.5	69.9	66.0	67.2	74.8	76.5	68.3
13	59.9	59.2	64.1	51.9	72.0	73.3	71.6	62.1
14	56.4	58.7	62.3	50.5	64.1	71.8	76.9	60.9
15	59.3	61.9	63.2	54.2	63.4	73.3	81.6	63.4
16	56.9	56.1	67.8	55.5	67.6	73.5	80.4	64.1
17	57.9	50.5	65.7	56.2	68.0	74.7	76.9	62.5
FEMALE	59.8	61.4	63.7	55.9	63.1	69.6	76.3	63.0
5	72.9	68.0	59.9	64.6	53.5	65.2	85.2	66.0
6	63.2	73.1	67.3	53.4	58.8	65.8	75.9	64.6
7	57.0	65.2	57.3	55.5	45.2	68.0	71.6	59.3
8	58.6	52.1	55.3	46.6	49.8	67.6	73.1	55.2
9	53.4	56.1	53.2	52.5	60.4	65.3	75.1	57.7
10	59.4	66.9	68.1	64.5	70.5	72.2	72.0	67.4
11	55.0	67.3	67.3	65.5	71.0	70.2	77.5	67.9
12	60.3	63.1	70.0	64.1	66.4	71.6	77.0	67.4
13	65.4	56.2	62.5	50.7	73.6	69.3	73.9	61.5
14	54.9	64.2	62.3	51.5	64.2	72.7	73.6	61.7
15	55.4	67.9	65.8	52.3	65.3	70.3	77.7	63.9
16	62.4	46.3	71.9	51.8	71.9	72.9	83.7	63.6
17	61.6	55.5	64.9	56.1	66.3	71.6	75.6	62.8
MALE	58.4	61.2	62.3	55.8	63.2	71.0	76.7	62.7
5	72.0	74.2	62.7	57.2	61.2	67.7	75.8	65.4
6	62.8	70.3	60.7	47.8	54.0	69.5	83.9	61.8
7	62.6	62.0	60.2	51.0	57.5	66.1	76.2	60.4
8	51.6	55.1	58.9	47.5	59.6	60.9	70.0	56.6
9	52.5	55.1	49.0	58.2	54.4	66.0	72.4	57.0
10	59.8	64.7	58.9	59.1	67.6	71.1	74.5	63.4
11	61.2	71.8	69.3	62.3	68.8	64.0	76.1	68.0
12	58.6	65.8	69.8	67.8	67.9	77.9	76.1	69.1
13	54.7	62.1	65.7	53.0	70.4	77.2	69.4	62.8
14	57.8	53.4	62.2	49.6	64.0	71.0	80.1	60.2
15	63.0	56.2	60.8	56.1	61.6	76.2	85.3	63.1
16	51.7	65.5	63.9	59.1	63.5	74.0	77.3	64.5
17	54.4	45.7	66.5	56.3	69.7	77.6	78.0	62.3

PERMANENT SURFACE RESTORATIONS NEEDED FOR TOTAL UNITED STATES CHILDREN AGED 5 - 17 YEARS BY

AGE AND SEX

SMSA

NON SMSA

WHITES

BLACKS AND ALL OTHERS

TABLE 2

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S.

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	11,428	25.2	32,089	35.03	70.81
5	27	2.6	46	12.61	4.36
6	171	6.2	300	18.91	10.91
7	465	13.2	852	26.93	24.16
8	643	18.6	1,205	30.76	34.89
9	647	18.9	1,437	30.65	42.03
10	810	23.0	1,960	32.42	55.75
11	839	24.1	2,124	28.41	61.07
12	963	26.7	2,624	29.45	72.86
13	1,273	33.3	3,438	33.97	89.95
14	1,419	34.9	4,225	38.35	104.00
15	1,397	33.5	4,664	41.05	111.83
16	1,351	32.2	4,571	40.08	108.97
17	1,424	33.4	4,644	40.18	108.84
FEMALE	5,644	25.3	15,603	34.19	70.07
5	16	2.8	25	12.72	4.42
6	97	6.8	152	17.59	10.77
7	246	14.2	452	27.57	26.08
8	361	21.4	670	33.66	39.67
9	339	20.2	715	29.53	42.68
10	387	22.5	970	30.68	56.38
11	423	24.8	1,185	30.81	69.47
12	500	28.4	1,342	30.09	76.13
13	628	33.4	1,695	33.68	90.16
14	667	33.5	1,887	34.95	94.86
15	655	32.4	2,129	38.73	105.43
16	658	32.3	2,249	40.77	110.51
17	668	32.1	2,132	37.96	102.45
MALE	5,784	25.1	16,486	35.86	71.53
5	11	2.3	21	12.48	4.29
6	74	5.6	148	20.49	11.07
7	220	12.3	400	26.24	22.30
8	282	16.0	535	27.76	30.31
9	308	17.7	722	31.84	41.40
10	423	23.6	989	34.33	55.14
11	416	23.5	939	25.86	52.99
12	463	25.2	1,281	28.80	69.72
13	645	33.2	1,743	34.25	89.74
14	752	36.3	2,338	41.63	112.76
15	742	34.5	2,535	43.22	117.83
16	693	32.1	2,322	39.43	107.53
17	756	34.6	2,512	42.28	114.93

TABLE 3

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S. SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	8,007	24.8	21,505	32.48	66.59
5	14	1.9	23	9.00	3.11
6	113	5.7	202	17.97	10.27
7	327	13.0	594	26.12	23.59
8	496	20.2	927	33.25	37.67
9	462	19.0	1,003	29.95	41.11
10	582	23.2	1,422	32.92	56.71
11	564	22.8	1,450	27.13	58.48
12	656	25.5	1,765	27.56	68.69
13	931	34.2	2,403	32.82	88.18
14	978	33.8	2,746	34.31	94.79
15	961	32.4	3,067	37.22	103.48
16	912	30.6	2,960	35.55	99.25
17	1,011	33.3	2,943	34.84	97.01
FEMALE	4,005	25.2	10,703	32.33	67.26
5	8	1.8	11	7.81	2.76
6	61	6.0	100	16.19	9.85
7	172	13.9	309	26.34	24.97
8	282	23.5	512	36.18	42.63
9	244	20.4	501	28.98	41.93
10	275	22.4	696	30.80	56.60
11	297	24.4	876	31.80	71.96
12	335	26.6	868	27.01	68.89
13	470	35.0	1,242	33.95	92.57
14	476	33.5	1,270	32.29	89.46
15	425	29.5	1,311	32.64	90.85
16	464	31.9	1,555	38.30	106.92
17	496	33.4	1,453	35.16	97.75
MALE	4,002	24.4	10,802	32.64	65.93
5	7	2.0	12	10.52	3.53
6	52	5.4	102	20.14	10.71
7	155	12.1	285	25.89	22.26
8	213	17.0	415	30.23	32.94
9	218	17.6	502	30.98	40.32
10	306	23.9	726	35.24	56.82
11	268	21.2	574	22.17	45.49
12	321	24.5	898	28.12	68.50
13	461	33.3	1,162	31.68	83.93
14	503	34.0	1,476	36.26	99.91
15	535	35.2	1,756	41.57	115.47
16	447	29.3	1,406	32.94	91.97
17	515	33.3	1,490	34.52	96.31

TABLE 4

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	3,421	26.3	10,584	39.54	81.29
5	13	4.3	23	21.39	7.46
6	58	7.4	98	21.21	12.53
7	138	13.7	258	28.94	25.56
8	147	14.8	278	24.54	27.99
9	185	18.8	435	32.22	44.31
10	228	22.6	537	30.91	53.36
11	275	27.5	674	31.04	67.50
12	307	29.8	858	33.12	83.23
13	342	31.2	1,034	35.10	94.34
14	440	37.8	1,479	45.96	126.87
15	436	36.1	1,597	47.64	132.31
16	439	36.2	1,611	47.76	132.87
17	413	33.5	1,702	49.57	137.93
FEMALE	1,639	25.8	4,901	36.92	77.11
5	9	5.6	14	26.59	8.90
6	35	9.0	52	21.12	13.13
7	74	14.9	143	30.64	28.84
8	79	16.1	157	27.36	32.36
9	95	19.8	214	30.72	44.55
10	111	22.6	274	30.07	55.84
11	127	25.9	309	27.61	63.27
12	165	32.7	475	36.58	94.20
13	158	29.4	453	31.01	84.16
14	191	33.6	617	39.15	108.32
15	229	39.8	818	51.08	141.92
16	194	33.4	695	42.99	119.48
17	172	28.9	679	41.06	114.19
MALE	1,782	26.7	5,683	42.13	85.28
5	4	2.9	9	16.50	5.99
6	23	5.9	46	21.31	11.93
7	64	12.6	115	27.08	22.40
8	69	13.6	121	21.62	23.80
9	90	17.9	221	33.82	44.08
10	117	22.7	263	31.84	51.00
11	148	29.0	365	34.69	71.56
12	142	26.9	384	29.65	72.74
13	184	32.9	581	39.11	104.16
14	249	41.7	862	52.50	144.59
15	206	32.7	779	44.49	123.53
16	245	38.9	916	52.14	145.21
17	241	37.7	1,022	57.48	160.03

TABLE 5

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. WHITES ONLY

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	8,998	23.7	24,205	31.11	63.72
5	23	2.9	38	14.13	4.79
6	130	5.8	227	18.20	10.17
7	369	12.6	664	25.60	22.60
8	532	18.4	954	29.50	32.94
9	530	18.5	1,174	30.46	40.91
10	654	22.1	1,601	32.16	54.03
11	654	22.4	1,574	25.40	54.00
12	769	25.5	2,092	27.99	69.43
13	991	30.9	2,559	29.79	79.80
14	1,138	33.3	3,251	34.45	95.05
15	1,045	29.7	3,253	33.20	92.33
16	1,047	29.2	3,431	34.36	95.83
17	1,118	30.7	3,387	33.37	92.91
FEMALE	4,414	23.8	11,683	30.21	62.91
5	12	2.8	17	11.90	4.10
6	73	6.4	116	16.98	10.19
7	209	14.5	394	29.45	27.43
8	304	21.5	557	34.12	39.46
9	277	19.8	584	29.49	41.60
10	299	21.0	769	29.99	54.00
11	323	22.7	869	27.21	61.04
12	389	26.4	1,026	27.50	69.81
13	500	31.8	1,302	30.45	82.77
14	529	31.7	1,398	30.25	83.77
15	489	28.7	1,495	31.53	87.83
16	502	29.2	1,676	34.97	97.49
17	509	28.5	1,479	29.77	82.78
MALE	4,584	23.6	12,522	32.00	64.49
5	11	2.9	21	16.61	5.54
6	57	5.2	110	19.70	10.15
7	160	10.7	270	21.48	17.98
8	229	15.4	397	24.79	26.74
9	253	17.2	591	31.49	40.25
10	355	23.0	832	34.47	54.06
11	330	22.1	705	23.47	47.29
12	380	24.6	1,066	28.48	69.06
13	490	30.0	1,257	29.13	76.94
14	609	34.8	1,853	38.49	105.80
15	556	30.6	1,758	34.77	96.53
16	545	29.3	1,754	33.80	94.30
17	608	32.7	1,908	36.82	102.65

TABLE 6

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S. BLACKS AND ALL OTHERS

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	2,430	33.2	7,884	51.99	107.60
5	5	1.7	8	8.43	3.08
6	41	7.8	73	21.48	14.08
7	96	16.3	188	32.91	31.91
8	111	20.0	250	36.55	45.04
9	117	21.2	263	31.22	47.89
10	156	28.3	359	33.17	64.98
11	186	32.9	550	41.70	97.65
12	194	33.0	532	34.92	90.43
13	282	46.0	878	52.31	142.89
14	281	43.7	974	54.56	151.66
15	352	54.3	1,411	78.62	217.94
16	304	49.4	1,140	66.46	185.48
17	306	49.2	1,257	72.66	202.30
FEMALE	1,230	33.3	3,920	50.84	106.03
5	5	2.9	8	14.75	5.26
6	23	8.7	35	19.92	13.20
7	37	12.5	58	19.17	19.51
8	57	20.7	113	31.39	40.70
9	62	22.7	132	29.40	48.27
10	88	29.6	201	33.12	67.82
11	100	35.5	316	46.45	112.09
12	112	38.1	316	40.64	107.81
13	128	41.8	392	46.62	128.14
14	138	43.0	489	55.11	152.68
15	166	52.5	634	72.46	199.97
16	156	49.4	573	64.97	181.35
17	158	53.8	653	79.84	221.78
MALE	1,200	33.1	3,964	53.17	109.19
5	0	0.0	0	0.00	0.00
6	18	7.0	38	23.18	15.02
7	59	20.2	130	48.31	44.45
8	54	19.3	138	42.22	49.35
9	55	19.9	131	33.29	47.51
10	68	26.8	157	33.23	61.67
11	86	30.4	234	36.65	83.21
12	82	28.0	216	28.95	73.14
13	155	50.1	486	58.01	157.51
14	143	44.4	485	54.02	150.65
15	185	56.1	777	84.48	235.18
16	148	49.5	567	68.04	189.84
17	148	45.1	604	66.22	184.75

PRIMARY SURFACE RESTORATIONS NEEDED FOR TOTAL UNITED STATES CHILDREN AGED 5 - 9 YEARS BY

AGE AND SEX

SMSA

NON SMSA

WHITES

BLACKS AND ALL OTHERS

TABLE 7

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 TOTAL U.S.

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	5,287	31.5	20,873	88.06	124.42
5	974	31.8	3,847	65.45	125.63
6	1,045	32.0	4,132	74.38	126.51
7	1,148	32.0	4,710	94.51	131.38
8	1,118	32.4	4,422	109.81	127.90
9	1,003	29.4	3,763	115.42	110.46
FEMALE	2,511	30.6	9,866	87.59	120.13
5	463	30.9	1,886	65.74	125.92
6	487	30.4	1,897	71.30	118.41
7	560	31.9	2,303	97.29	131.30
8	531	31.3	2,080	109.60	122.86
9	471	28.3	1,700	115.69	102.03
MALE	2,776	32.4	11,007	88.49	128.53
5	511	32.6	1,961	65.18	125.35
6	558	33.5	2,234	77.21	134.31
7	588	32.1	2,407	92.01	131.46
8	588	33.3	2,342	110.00	132.74
9	532	30.6	2,063	115.20	118.53

TABLE 8

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80

AGE	TOTAL U.S. CHILDREN NEEDING TREATMENT (IN 1000'S)	TOTAL U.S. PER CENT OF CHILDREN NEEDING TREATMENT	TOTAL U.S. SURFACES NEEDING TREATMENT (IN 1000'S)	SMSA TREATMENTS NEEDED PER 1000 TEETH	SMSA TREATMENTS NEEDED PER 100 CHILDREN
BOTH	3,526	29.4	13,436	56.53	112.21
5	645	29.5	2,298	39.16	105.04
6	706	30.3	2,664	49.30	114.23
7	751	29.4	3,073	62.81	120.08
8	744	30.2	2,885	69.99	117.10
9	680	28.0	2,516	72.29	103.49
FEMALE	1,668	28.5	6,236	54.91	106.39
5	314	29.3	1,119	39.25	104.60
6	317	27.7	1,165	45.05	101.79
7	366	29.2	1,462	62.66	116.76
8	355	29.4	1,381	70.12	114.47
9	317	26.7	1,109	68.59	93.31
MALE	1,858	30.4	7,200	58.02	117.79
5	331	29.6	1,179	39.08	105.46
6	389	32.7	1,499	53.20	126.22
7	385	29.5	1,610	62.95	123.25
8	389	30.9	1,504	69.87	119.62
9	364	29.2	1,407	75.50	113.22

TABLE 9

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 TOTAL U.S. NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	1,761	36.7	7,437	78.07	154.86
5	329	37.6	1,549	66.09	177.12
6	339	36.3	1,468	68.14	157.16
7	397	38.7	1,637	82.60	159.56
8	374	37.7	1,536	93.25	154.72
9	322	33.1	1,246	89.17	127.87
FEMALE	843	35.9	3,630	79.64	154.37
5	149	34.9	767	66.89	179.23
6	170	37.1	733	70.58	159.92
7	194	38.7	841	89.64	167.59
8	175	36.1	699	88.83	143.68
9	154	32.2	591	91.10	123.74
MALE	918	37.5	3,807	76.64	155.34
5	179	40.2	782	65.33	175.10
6	169	35.5	735	65.87	154.51
7	203	38.7	797	76.28	151.89
8	199	39.2	838	97.28	165.32
9	168	33.9	656	87.51	131.83

TABLE 10

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 TOTAL U.S. WHITES ONLY

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	4,165	29.8	16,208	57.88	115.87
5	764	30.2	3,033	44.45	119.81
6	809	29.9	3,051	48.23	112.83
7	881	29.5	3,563	61.73	119.27
8	879	30.3	3,512	71.69	120.95
9	832	29.1	3,049	72.88	106.56
FEMALE	2,002	29.3	7,800	58.33	114.20
5	364	29.4	1,451	43.56	117.07
6	379	28.7	1,423	47.30	107.87
7	444	30.5	1,875	68.35	128.65
8	420	29.6	1,651	70.58	116.43
9	394	28.2	1,400	71.78	100.26
MALE	2,163	30.2	8,407	57.46	117.47
5	400	30.9	1,582	45.29	122.44
6	430	31.0	1,629	49.07	117.54
7	437	28.6	1,687	55.73	110.33
8	459	30.9	1,860	72.71	125.26
9	438	29.9	1,649	73.84	112.57

TABLE 11

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 TOTAL U.S. BLACKS AND ALL OTHERS

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	1,122	40.2	4,666	88.22	167.29
5	210	39.5	814	58.65	153.38
6	235	41.9	1,081	87.77	192.36
7	267	44.7	1,147	104.04	191.92
8	240	43.3	910	104.41	164.39
9	170	31.3	714	102.66	130.93
FEMALE	509	36.8	2,066	81.26	149.43
5	99	38.3	435	65.23	168.44
6	108	37.9	475	77.07	167.38
7	116	39.2	428	81.01	144.35
8	110	40.2	428	102.93	156.12
9	76	28.3	300	95.12	111.18
MALE	613	43.6	2,600	94.67	184.83
5	111	40.7	379	52.58	139.13
6	128	46.0	606	98.48	217.83
7	151	50.0	719	125.20	238.69
8	129	46.3	482	105.77	172.52
9	94	34.1	414	108.92	150.29

PERMANENT TOOTH EXTRACTIONS NEEDED FOR TOTAL UNITED STATES CHILDREN AGED 5 - 17 YEARS BY

AGE AND SEX

SMSA

NON SMSA

WHITES

BLACKS AND ALL OTHERS

TABLE 12

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S.

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	687	1.5	1,100	1.20	2.43
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	5	0.1	5	0.16	0.14
8	8	0.2	8	0.22	0.25
9	11	0.3	11	0.23	0.32
10	31	0.9	36	0.60	1.03
11	31	0.9	34	0.46	0.99
12	54	1.5	79	0.88	2.18
13	81	2.1	141	1.40	3.70
14	92	2.3	150	1.36	3.68
15	126	3.0	197	1.73	4.73
16	109	2.6	176	1.55	4.21
17	140	3.3	262	2.26	6.13
FEMALE	365	1.6	601	1.32	2.70
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	5	0.3	5	0.31	0.29
8	3	0.2	3	0.16	0.19
9	9	0.6	9	0.39	0.57
10	18	1.1	20	0.62	1.14
11	17	1.0	19	0.48	1.09
12	40	2.3	57	1.27	3.22
13	44	2.3	85	1.68	4.50
14	50	2.5	81	1.50	4.08
15	50	2.5	79	1.44	3.92
16	40	2.0	52	0.94	2.55
17	89	4.3	191	3.41	9.20
MALE	322	1.4	499	1.08	2.16
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	5	0.3	5	0.28	0.30
9	2	0.1	2	0.07	0.09
10	13	0.7	17	0.58	0.93
11	14	0.8	16	0.44	0.89
12	14	0.8	22	0.49	1.19
13	37	1.9	57	1.12	2.92
14	42	2.0	68	1.22	3.30
15	76	3.6	118	2.01	5.48
16	68	3.2	124	2.11	5.77
17	51	2.3	70	1.18	3.21

TABLE 13

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S. SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	378	1.2	609	0.92	1.88
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	3	0.1	3	0.13	0.12
8	7	0.3	7	0.27	0.30
9	7	0.3	7	0.20	0.28
10	16	0.6	21	0.48	0.82
11	15	0.6	16	0.31	0.66
12	24	0.9	37	0.58	1.45
13	50	1.8	93	1.27	3.41
14	36	1.2	46	0.58	1.60
15	71	2.4	120	1.46	4.06
16	67	2.2	89	1.07	2.99
17	84	2.8	169	2.00	5.56
FEMALE	210	1.3	352	1.06	2.21
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	3	0.2	3	0.26	0.25
8	2	0.2	3	0.18	0.21
9	7	0.6	7	0.39	0.57
10	8	0.7	10	0.42	0.78
11	9	0.7	11	0.40	0.90
12	18	1.4	29	0.91	2.32
13	22	1.6	48	1.31	3.58
14	20	1.4	26	0.66	1.83
15	30	2.1	42	1.04	2.88
16	26	1.8	30	0.75	2.09
17	64	4.3	144	3.48	9.67
MALE	168	1.0	257	0.78	1.57
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	5	0.4	5	0.36	0.39
9	0	0.0	0	0.00	0.00
10	7	0.6	11	0.54	0.87
11	6	0.4	6	0.21	0.44
12	6	0.4	8	0.25	0.61
13	28	2.0	45	1.22	3.24
14	16	1.1	20	0.50	1.38
15	41	2.7	79	1.86	5.17
16	41	2.7	59	1.38	3.84
17	20	1.3	25	0.58	1.61

TABLE 14

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	308	2.4	491	1.84	3.77
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.2	2	0.23	0.20
8	1	0.1	1	0.09	0.10
9	4	0.4	4	0.31	0.43
10	16	1.5	16	0.90	1.55
11	16	1.6	18	0.83	1.80
12	30	2.9	41	1.60	4.02
13	31	2.8	49	1.65	4.43
14	56	4.8	103	3.21	8.86
15	55	4.6	77	2.29	6.36
16	42	3.4	87	2.59	7.20
17	56	4.5	93	2.71	7.54
FEMALE	155	2.4	249	1.88	3.92
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.4	2	0.43	0.41
8	1	0.1	1	0.10	0.12
9	3	0.6	3	0.39	0.56
10	10	2.0	10	1.10	2.04
11	8	1.6	8	0.69	1.57
12	22	4.3	28	2.13	5.48
13	22	4.0	37	2.51	6.80
14	30	5.3	55	3.51	9.71
15	20	3.4	38	2.35	6.52
16	14	2.4	21	1.33	3.70
17	25	4.2	48	2.89	8.03
MALE	153	2.3	242	1.79	3.63
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.1	0	0.07	0.08
9	2	0.3	2	0.23	0.30
10	6	1.1	6	0.68	1.09
11	8	1.6	10	0.98	2.02
12	8	1.6	14	1.07	2.63
13	9	1.7	12	0.80	2.14
14	26	4.4	48	2.93	8.06
15	35	5.6	39	2.24	6.21
16	28	4.4	66	3.74	10.42
17	31	4.8	45	2.54	7.07

TABLE 15

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. WHITES ONLY

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	405	1.1	615	0.79	1.62
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	5	0.2	5	0.19	0.17
8	7	0.3	7	0.23	0.25
9	6	0.2	6	0.15	0.20
10	16	0.5	16	0.32	0.54
11	21	0.7	23	0.37	0.79
12	39	1.3	54	0.72	1.79
13	50	1.6	84	0.98	2.61
14	63	1.9	106	1.12	3.10
15	55	1.5	85	0.87	2.41
16	68	1.9	98	0.98	2.74
17	75	2.1	130	1.29	3.58
FEMALE	215	1.2	333	0.86	1.79
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	5	0.3	5	0.37	0.35
8	2	0.1	2	0.12	0.14
9	6	0.4	6	0.29	0.41
10	8	0.6	8	0.32	0.57
11	10	0.7	11	0.33	0.74
12	33	2.2	45	1.21	3.07
13	23	1.4	46	1.07	2.92
14	32	1.9	50	1.08	2.99
15	25	1.4	34	0.72	2.00
16	33	1.9	43	0.89	2.49
17	39	2.2	84	1.69	4.70
MALE	190	1.0	282	0.72	1.45
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	5	0.4	5	0.33	0.36
9	0	0.0	0	0.01	0.01
10	8	0.5	8	0.33	0.51
11	11	0.7	13	0.42	0.84
12	6	0.4	9	0.23	0.56
13	27	1.7	38	0.88	2.32
14	31	1.8	56	1.17	3.21
15	30	1.6	51	1.01	2.80
16	36	1.9	55	1.07	2.98
17	36	2.0	46	0.90	2.50

TABLE 16

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80

AGE	TOTAL U.S. CHILDREN NEEDING TREATMENT (IN 1000'S)	TOTAL U.S. PER CENT OF CHILDREN NEEDING TREATMENT	TOTAL U.S. TEETH NEEDING TREATMENT (IN 1000'S)	BLACKS AND ALL OTHERS TREATMENTS NEEDED PER 1000 TEETH	BLACKS AND ALL OTHERS TREATMENTS NEEDED PER 100 CHILDREN
BOTH	282	3.8	485	3.20	6.62
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.02	0.01
8	1	0.1	1	0.17	0.20
9	5	0.9	5	0.61	0.94
10	15	2.8	20	1.88	3.67
11	10	1.8	11	0.86	2.02
12	15	2.5	25	1.63	4.21
13	31	5.0	58	3.43	9.36
14	28	4.4	44	2.44	6.78
15	72	11.1	112	6.24	17.31
16	40	6.5	78	4.56	12.73
17	64	10.4	131	7.58	21.10
FEMALE	150	4.1	268	3.48	7.25
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.03	0.03
8	1	0.2	1	0.32	0.41
9	4	1.4	4	0.85	1.39
10	10	3.4	11	1.88	3.85
11	7	2.4	8	1.19	2.87
12	7	2.3	12	1.50	3.98
13	21	6.8	39	4.60	12.65
14	18	5.6	31	3.54	9.81
15	25	7.9	45	5.18	14.29
16	8	2.4	9	1.04	2.89
17	50	17.1	107	13.14	36.50
MALE	131	3.6	217	2.91	5.98
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.5	1	0.34	0.49
10	5	2.0	9	1.87	3.46
11	3	1.2	3	0.52	1.18
12	8	2.7	13	1.76	4.44
13	10	3.2	19	2.25	6.11
14	10	3.2	12	1.35	3.78
15	46	14.0	67	7.26	20.21
16	33	10.9	69	8.29	23.13
17	14	4.3	24	2.59	7.24

PRIMARY TOOTH EXTRACTIONS NEEDED FOR TOTAL UNITED STATES CHILDREN AGED 5 - 9 YEARS BY

AGE AND SEX

SMSA

NON SMSA

WHITES

BLACKS AND ALL OTHERS

TABLE 17

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 TOTAL U.S.

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	1,124	6.7	1,993	8.41	11.88
5	122	4.0	260	4.42	8.48
6	192	5.9	318	5.72	9.73
7	248	6.9	446	8.96	12.45
8	227	6.6	366	9.10	10.60
9	334	9.8	603	18.48	17.69
FEMALE	521	6.3	866	7.69	10.55
5	50	3.3	89	3.11	5.95
6	84	5.3	124	4.65	7.72
7	110	6.3	207	8.73	11.78
8	102	6.0	159	8.36	9.37
9	174	10.4	288	19.61	17.29
MALE	603	7.0	1,127	9.06	13.16
5	72	4.6	170	5.66	10.89
6	108	6.5	194	6.71	11.67
7	138	7.5	240	9.17	13.10
8	125	7.1	208	9.76	11.78
9	161	9.2	314	17.56	18.07

TABLE 18

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 TOTAL U.S. SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	683	5.7	1,100	4.63	9.18
5	72	3.3	130	2.22	5.96
6	123	5.3	203	3.75	8.70
7	144	5.6	207	4.23	8.08
8	126	5.1	196	4.76	7.96
9	219	9.0	363	10.44	14.94
FEMALE	316	5.4	484	4.26	8.25
5	25	2.4	37	1.29	3.45
6	54	4.7	72	2.78	6.27
7	60	4.8	84	3.60	6.71
8	53	4.4	92	4.65	7.59
9	124	10.5	199	12.32	16.76
MALE	367	6.0	616	4.96	10.08
5	46	4.1	94	3.10	8.36
6	69	5.8	131	4.65	11.03
7	84	6.5	123	4.80	9.40
8	73	5.8	105	4.86	8.32
9	94	7.6	164	8.80	13.20

TABLE 19

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80

AGE	TOTAL U.S. CHILDREN NEEDING TREATMENT (IN 1000'S)	TOTAL U.S. PER CENT OF CHILDREN NEEDING TREATMENT	TOTAL U.S. TEETH NEEDING TREATMENT (IN 1000'S)	NONSMSA TREATMENTS NEEDED PER 1000 TEETH	NONSMSA TREATMENTS NEEDED PER 100 CHILDREN
BOTH	440	9.2	893	9.38	18.60
5	50	5.8	129	5.51	14.76
6	69	7.4	115	5.34	12.31
7	104	10.2	240	12.09	23.35
8	101	10.2	170	10.33	17.14
9	116	11.9	239	17.12	24.55
FEMALE	204	8.7	382	8.39	16.27
5	24	5.7	52	4.55	12.20
6	30	6.7	52	5.00	11.33
7	51	10.1	122	13.06	24.42
8	49	10.1	67	8.52	13.78
9	50	10.4	89	13.71	18.62
MALE	236	9.6	511	10.28	20.84
5	26	5.8	77	6.43	17.22
6	38	8.0	63	5.65	13.26
7	54	10.2	117	11.21	22.32
8	52	10.3	103	11.98	20.36
9	66	13.3	150	20.08	30.25

TABLE 20

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 TOTAL U.S. WHITES ONLY

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	894	6.4	1,601	5.72	11.45
5	104	4.1	209	3.07	8.27
6	132	4.9	226	3.57	8.35
7	192	6.4	364	6.31	12.19
8	185	6.4	295	6.01	10.15
9	282	9.9	508	12.14	17.75
FEMALE	421	6.2	710	5.31	10.39
5	45	3.6	79	2.38	6.41
6	63	4.8	95	3.17	7.23
7	74	5.1	151	5.51	10.37
8	83	5.8	131	5.60	9.24
9	155	11.1	252	12.95	18.08
MALE	473	6.6	892	6.10	12.46
5	59	4.6	130	3.72	10.05
6	68	4.9	130	3.93	9.41
7	117	7.7	213	7.03	13.92
8	102	6.9	164	6.39	11.02
9	127	8.7	255	11.43	17.43

TABLE 21

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 TOTAL U.S. BLACKS AND ALL OTHERS

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	230	8.2	391	7.40	14.03
5	18	3.4	50	3.62	9.48
6	60	10.7	92	7.47	16.38
7	56	9.4	82	7.46	13.77
8	43	7.7	72	8.23	12.96
9	52	9.6	95	13.63	17.39
FEMALE	100	7.2	157	6.16	11.32
5	5	1.8	10	1.45	3.75
6	21	7.5	28	4.59	9.97
7	36	12.1	55	10.49	18.69
8	19	7.1	28	6.63	10.05
9	19	6.9	36	11.30	13.21
MALE	130	9.2	235	8.54	16.68
5	13	4.9	41	5.63	14.90
6	39	14.1	64	10.36	22.92
7	20	6.8	27	4.69	8.94
8	23	8.3	44	9.70	15.82
9	34	12.3	59	15.57	21.48

PERMANENT TOOTH REPLACEMENTS FOR TOTAL UNITED STATES CHILDREN AGED 5 - 17 YEARS BY

AGE AND SEX

SMSA

NON SMSA

WHITES

BLACKS AND ALL OTHERS

TABLE 22

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S.

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	1,169	2.6	1,939	2.12	4.28
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.01	0.00
8	2	0.1	2	0.06	0.07
9	5	0.1	6	0.13	0.17
10	39	1.1	51	0.84	1.44
11	37	1.1	47	0.62	1.34
12	68	1.9	94	1.05	2.60
13	136	3.6	225	2.22	5.88
14	177	4.3	277	2.52	6.83
15	195	4.7	313	2.75	7.50
16	226	5.4	375	3.29	8.95
17	284	6.7	550	4.76	12.88
FEMALE	642	2.9	1,088	2.38	4.89
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.01	0.01
8	2	0.1	2	0.12	0.14
9	3	0.2	3	0.12	0.17
10	23	1.3	26	0.83	1.53
11	21	1.2	27	0.71	1.60
12	50	2.8	65	1.47	3.71
13	79	4.2	140	2.78	7.43
14	95	4.8	146	2.71	7.36
15	94	4.7	147	2.68	7.30
16	118	5.8	206	3.73	10.12
17	157	7.6	324	5.77	15.58
MALE	527	2.3	851	1.85	3.69
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	2	0.1	3	0.13	0.18
10	16	0.9	24	0.85	1.36
11	16	0.9	19	0.53	1.09
12	18	1.0	28	0.63	1.53
13	57	3.0	85	1.67	4.38
14	82	3.9	131	2.33	6.31
15	101	4.7	165	2.82	7.69
16	108	5.0	169	2.88	7.85
17	127	5.8	225	3.79	10.32

TABLE 23

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S. SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	698	2.2	1,145	1.73	3.54
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.1	2	0.07	0.08
9	3	0.1	4	0.13	0.17
10	25	1.0	35	0.81	1.40
11	18	0.7	25	0.46	1.00
12	29	1.1	38	0.60	1.49
13	77	2.8	129	1.76	4.74
14	104	3.6	145	1.82	5.02
15	116	3.9	181	2.19	6.10
16	144	4.8	219	2.62	7.33
17	179	5.9	367	4.34	12.08
FEMALE	396	2.5	672	2.03	4.23
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.2	2	0.13	0.16
9	1	0.1	1	0.08	0.11
10	16	1.3	18	0.81	1.48
11	11	0.9	17	0.61	1.39
12	22	1.8	30	0.92	2.35
13	41	3.1	74	2.03	5.53
14	55	3.9	68	1.73	4.80
15	55	3.8	83	2.07	5.75
16	87	6.0	140	3.45	9.63
17	105	7.1	239	5.79	16.09
MALE	302	1.8	472	1.43	2.88
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	2	0.2	3	0.18	0.23
10	9	0.7	17	0.82	1.33
11	7	0.5	8	0.31	0.63
12	7	0.5	9	0.27	0.66
13	36	2.6	55	1.50	3.97
14	49	3.3	77	1.90	5.23
15	60	3.9	98	2.32	6.43
16	57	3.7	78	1.84	5.14
17	74	4.8	127	2.95	8.23

TABLE 24

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	471	3.6	794	2.97	6.10
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.02	0.02
8	0	0.0	0	0.04	0.05
9	2	0.2	2	0.12	0.17
10	14	1.4	16	0.90	1.55
11	20	2.0	22	1.00	2.17
12	39	3.8	55	2.13	5.36
13	59	5.3	96	3.25	8.72
14	72	6.2	132	4.10	11.31
15	79	6.6	132	3.93	10.93
16	82	6.7	157	4.65	12.93
17	105	8.5	183	5.34	14.85
FEMALE	246	3.9	416	3.13	6.54
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.04	0.04
8	0	0.0	0	0.08	0.09
9	2	0.3	2	0.22	0.31
10	7	1.4	8	0.90	1.66
11	10	2.1	10	0.92	2.12
12	28	5.5	36	2.75	7.09
13	37	7.0	66	4.48	12.17
14	40	7.1	78	4.97	13.75
15	39	6.7	64	4.02	11.17
16	31	5.3	66	4.08	11.33
17	52	8.7	85	5.15	14.31
MALE	226	3.4	379	2.81	5.68
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.02	0.03
10	7	1.4	7	0.90	1.43
11	9	1.8	11	1.08	2.22
12	11	2.1	20	1.51	3.70
13	21	3.8	30	2.03	5.40
14	32	5.4	54	3.26	8.98
15	41	6.4	68	3.86	10.71
16	51	8.1	91	5.17	14.41
17	53	8.3	98	5.52	15.36

TABLE 25

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. WHITES ONLY

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	731	1.9	1,151	1.48	3.03
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.01	0.02
9	2	0.1	2	0.04	0.06
10	30	1.0	36	0.73	1.22
11	26	0.9	32	0.52	1.11
12	47	1.6	60	0.81	2.00
13	74	2.3	124	1.44	3.86
14	127	3.7	196	2.08	5.74
15	127	3.6	198	2.03	5.63
16	126	3.5	214	2.14	5.97
17	173	4.7	287	2.83	7.88
FEMALE	383	2.1	631	1.63	3.40
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.03	0.03
9	1	0.0	1	0.03	0.04
10	18	1.3	20	0.79	1.42
11	12	0.8	15	0.48	1.07
12	38	2.6	46	1.24	3.14
13	37	2.3	71	1.66	4.52
14	61	3.7	91	1.97	5.45
15	60	3.5	90	1.90	5.31
16	64	3.7	126	2.62	7.30
17	92	5.2	171	3.44	9.55
MALE	348	1.8	519	1.33	2.68
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.1	1	0.06	0.08
10	12	0.8	16	0.66	1.04
11	14	0.9	17	0.57	1.14
12	9	0.6	14	0.38	0.91
13	37	2.3	53	1.22	3.23
14	66	3.8	106	2.19	6.02
15	67	3.7	108	2.14	5.94
16	62	3.3	88	1.70	4.74
17	80	4.3	117	2.25	6.28

TABLE 26

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S. BLACKS AND ALL OTHERS

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	438	6.0	788	5.20	10.76
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.03	0.03
8	2	0.3	2	0.27	0.34
9	3	0.6	4	0.50	0.77
10	10	1.8	14	1.34	2.63
11	12	2.0	14	1.08	2.52
12	21	3.6	33	2.19	5.68
13	62	10.0	101	6.01	16.41
14	50	7.7	81	4.53	12.59
15	68	10.4	114	6.36	17.64
16	100	16.3	162	9.43	26.30
17	111	17.9	262	15.17	42.22
FEMALE	259	7.0	457	5.93	12.36
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.1	0	0.06	0.06
8	2	0.7	2	0.52	0.68
9	2	0.8	2	0.51	0.84
10	5	1.7	6	1.00	2.06
11	9	3.3	12	1.76	4.25
12	12	4.1	19	2.48	6.57
13	42	13.6	69	8.15	22.40
14	34	10.6	56	6.26	17.35
15	34	10.8	57	6.52	17.99
16	54	17.0	80	9.12	25.46
17	65	22.0	154	18.76	52.17
MALE	179	4.9	332	4.45	9.13
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.3	2	0.49	0.70
10	5	1.8	8	1.77	3.29
11	2	0.8	2	0.35	0.79
12	9	3.1	14	1.90	4.80
13	20	6.5	32	3.86	10.47
14	16	4.9	25	2.82	7.86
15	33	10.1	57	6.22	17.30
16	47	15.6	81	9.75	27.20
17	46	14.1	109	11.93	33.27

PERMANENT TEETH NEEDING CROWNS FOR TOTAL UNITED STATES CHILDREN AGED 5 - 17 YEARS BY

AGE AND SEX

SMSA

NON SMSA

WHITES

BLACKS AND ALL OTHERS

TABLE 27

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S.

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	977	2.2	1,270	1.39	2.80
5	1	0.1	2	0.53	0.18
6	2	0.1	2	0.14	0.08
7	9	0.2	10	0.32	0.29
8	29	0.8	40	1.01	1.15
9	44	1.3	51	1.08	1.49
10	69	2.0	88	1.46	2.52
11	62	1.8	77	1.03	2.22
12	68	1.9	97	1.09	2.68
13	126	3.3	162	1.60	4.25
14	139	3.4	182	1.66	4.49
15	124	3.0	168	1.48	4.03
16	154	3.7	197	1.73	4.69
17	149	3.5	193	1.67	4.53
FEMALE	489	2.2	619	1.36	2.78
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.1	2	0.13	0.12
8	19	1.1	27	1.34	1.57
9	10	0.6	14	0.59	0.86
10	33	1.9	42	1.34	2.46
11	44	2.6	53	1.37	3.09
12	40	2.3	52	1.16	2.94
13	67	3.5	91	1.80	4.82
14	62	3.1	84	1.56	4.23
15	51	2.5	59	1.07	2.92
16	72	3.5	89	1.62	4.38
17	89	4.3	106	1.89	5.11
MALE	488	2.1	651	1.42	2.82
5	1	0.3	2	1.16	0.40
6	2	0.2	2	0.31	0.17
7	7	0.4	8	0.53	0.45
8	11	0.6	13	0.68	0.74
9	34	1.9	36	1.61	2.09
10	36	2.0	46	1.60	2.57
11	18	1.0	25	0.67	1.38
12	28	1.5	45	1.01	2.44
13	59	3.1	72	1.41	3.69
14	77	3.7	98	1.75	4.73
15	73	3.4	109	1.86	5.08
16	82	3.8	108	1.83	4.99
17	60	2.7	87	1.46	3.97

TABLE 28

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S. SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	650	2.0	799	1.21	2.48
5	0	0.0	0	0.00	0.00
6	2	0.1	2	0.20	0.12
7	7	0.3	8	0.36	0.33
8	24	1.0	31	1.12	1.26
9	32	1.3	33	0.98	1.34
10	46	1.8	57	1.32	2.28
11	38	1.5	46	0.86	1.85
12	49	1.9	64	1.00	2.49
13	89	3.3	114	1.55	4.17
14	80	2.7	98	1.23	3.39
15	74	2.5	98	1.19	3.32
16	103	3.5	122	1.47	4.11
17	107	3.5	125	1.48	4.13
FEMALE	328	2.1	392	1.19	2.47
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	0.1	2	0.16	0.15
8	17	1.4	24	1.70	2.01
9	3	0.3	3	0.19	0.28
10	17	1.4	18	0.79	1.44
11	29	2.4	31	1.13	2.56
12	34	2.7	44	1.37	3.49
13	54	4.0	72	1.97	5.37
14	29	2.1	32	0.82	2.27
15	23	1.6	27	0.68	1.90
16	47	3.3	58	1.43	4.00
17	72	4.8	80	1.95	5.41
MALE	322	2.0	407	1.23	2.48
5	0	0.0	0	0.00	0.00
6	2	0.2	2	0.45	0.24
7	5	0.4	6	0.58	0.50
8	7	0.6	7	0.51	0.55
9	28	2.3	29	1.81	2.36
10	29	2.3	39	1.92	3.09
11	9	0.7	15	0.57	1.17
12	15	1.1	20	0.62	1.52
13	35	2.5	42	1.13	3.00
14	50	3.4	66	1.62	4.47
15	51	3.3	71	1.68	4.67
16	56	3.6	64	1.51	4.21
17	35	2.3	45	1.04	2.90

TABLE 29

PERMANENT TEETH NEEDING CROWNS FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	327	2.5	471	1.76	3.62
5	1	0.4	2	1.83	0.64
6	0	0.0	0	0.00	0.00
7	2	0.2	2	0.22	0.19
8	6	0.6	9	0.76	0.87
9	13	1.3	18	1.34	1.84
10	22	2.2	31	1.79	3.10
11	24	2.4	31	1.44	3.14
12	19	1.8	33	1.26	3.18
13	37	3.4	49	1.65	4.44
14	60	5.1	84	2.61	7.21
15	50	4.2	70	2.08	5.78
16	51	4.2	74	2.21	6.14
17	42	3.4	68	1.98	5.50
FEMALE	161	2.5	227	1.71	3.57
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.05	0.05
8	2	0.4	2	0.43	0.50
9	7	1.4	11	1.58	2.30
10	16	3.3	25	2.70	5.01
11	15	3.1	22	1.94	4.43
12	6	1.2	8	0.61	1.56
13	13	2.4	19	1.27	3.45
14	33	5.7	52	3.30	9.13
15	27	4.7	32	1.97	5.48
16	25	4.3	31	1.92	5.33
17	17	2.9	26	1.57	4.37
MALE	166	2.5	244	1.81	3.66
5	1	0.9	2	3.55	1.29
6	0	0.0	0	0.00	0.00
7	2	0.3	2	0.41	0.34
8	4	0.7	6	1.10	1.22
9	6	1.1	7	1.08	1.41
10	6	1.2	7	0.79	1.27
11	9	1.8	10	0.92	1.90
12	13	2.4	25	1.92	4.72
13	24	4.4	30	2.02	5.39
14	27	4.5	32	1.95	5.38
15	23	3.6	38	2.18	6.05
16	27	4.2	43	2.47	6.89
17	25	3.9	42	2.36	6.56

TABLE 30

PERMANENT TEETH NEEDING CROWNS FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. WHITES ONLY

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	629	1.7	808	1.04	2.13
5	1	0.2	2	0.73	0.25
6	2	0.1	2	0.18	0.10
7	5	0.2	7	0.27	0.24
8	25	0.9	33	1.03	1.14
9	32	1.1	38	0.98	1.32
10	56	1.9	74	1.49	2.51
11	44	1.5	57	0.92	1.95
12	44	1.5	61	0.82	2.03
13	91	2.8	112	1.30	3.49
14	92	2.7	111	1.18	3.25
15	73	2.1	97	0.99	2.75
16	81	2.3	105	1.05	2.93
17	82	2.2	108	1.07	2.97
FEMALE	304	1.6	386	1.00	2.08
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.1	2	0.15	0.14
8	16	1.2	22	1.36	1.57
9	4	0.3	8	0.40	0.57
10	27	1.9	36	1.40	2.52
11	31	2.1	39	1.22	2.75
12	24	1.6	35	0.93	2.35
13	49	3.1	61	1.43	3.89
14	41	2.5	48	1.03	2.86
15	26	1.5	29	0.60	1.68
16	43	2.5	56	1.18	3.28
17	42	2.4	51	1.02	2.85
MALE	325	1.7	422	1.08	2.17
5	1	0.3	2	1.54	0.51
6	2	0.2	2	0.41	0.21
7	4	0.2	5	0.39	0.33
8	8	0.6	11	0.68	0.74
9	28	1.9	30	1.60	2.05
10	29	1.9	38	1.59	2.50
11	13	0.9	18	0.59	1.19
12	20	1.3	27	0.71	1.72
13	42	2.6	51	1.18	3.11
14	51	2.9	64	1.32	3.63
15	47	2.6	69	1.36	3.76
16	38	2.1	48	0.93	2.61
17	40	2.1	57	1.11	3.09

TABLE 31

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80

AGE	TOTAL U.S. CHILDREN NEEDING TREATMENT (IN 1000'S)	TOTAL U.S. PER CENT OF CHILDREN NEEDING TREATMENT	TOTAL U.S. TEETH NEEDING TREATMENT (IN 1000'S)	BLACKS AND ALL OTHERS TREATMENTS NEEDED PER 1000 TEETH	BLACKS AND ALL OTHERS TREATMENTS NEEDED PER 100 CHILDREN
BOTH	348	4.7	462	3.05	6.31
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	3	0.6	3	0.58	0.56
8	4	0.8	7	0.95	1.17
9	12	2.2	13	1.52	2.34
10	13	2.3	14	1.30	2.55
11	18	3.3	20	1.54	3.62
12	24	4.1	35	2.33	6.04
13	35	5.6	50	3.00	8.19
14	47	7.3	71	3.98	11.07
15	51	7.9	71	3.96	10.98
16	73	11.9	92	5.36	14.96
17	67	10.8	85	4.91	13.66
FEMALE	185	5.0	233	3.02	6.30
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.03	0.03
8	2	0.8	4	1.21	1.57
9	6	2.4	6	1.44	2.36
10	6	2.2	6	1.07	2.18
11	14	4.9	14	2.01	4.85
12	16	5.5	17	2.22	5.89
13	17	5.7	30	3.51	9.64
14	21	6.5	37	4.12	11.41
15	25	7.8	30	3.48	9.59
16	29	9.2	33	3.70	10.33
17	47	16.0	56	6.78	18.85
MALE	163	4.5	229	3.07	6.31
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	3	1.1	3	1.19	1.10
8	2	0.8	2	0.67	0.78
9	6	2.1	6	1.62	2.32
10	6	2.4	8	1.61	2.99
11	5	1.7	7	1.05	2.38
12	8	2.6	18	2.45	6.19
13	17	5.6	21	2.49	6.76
14	26	8.0	35	3.85	10.73
15	26	7.9	41	4.42	12.31
16	44	14.7	59	7.11	19.85
17	20	6.1	29	3.22	8.99

PRIMARY TEETH NEEDING CROWNS FOR TOTAL UNITED STATES CHILDREN AGED 5 - 9 YEARS BY

AGE AND SEX

SMSA

NON SMSA

WHITES

BLACKS AND ALL OTHERS

TABLE 32

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 TOTAL U.S.

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	814	4.9	1,284	5.42	7.66
5	154	5.0	250	4.25	8.16
6	172	5.3	284	5.12	8.71
7	192	5.4	308	6.18	8.59
8	155	4.5	238	5.91	6.89
9	141	4.1	204	6.26	5.99
FEMALE	364	4.4	550	4.88	6.70
5	80	5.3	117	4.07	7.79
6	86	5.4	141	5.29	8.78
7	80	4.6	118	4.97	6.70
8	72	4.2	113	5.97	6.69
9	46	2.8	62	4.22	3.72
MALE	450	5.3	734	5.90	8.57
5	74	4.7	133	4.42	8.51
6	86	5.2	144	4.97	8.64
7	111	6.1	190	7.27	10.39
8	83	4.7	125	5.86	7.08
9	95	5.5	142	7.94	8.17

TABLE 33

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 TOTAL U.S. SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	493	4.1	773	3.25	6.45
5	89	4.1	127	2.17	5.82
6	109	4.7	182	3.36	7.79
7	107	4.2	177	3.62	6.93
8	98	4.0	148	3.59	6.01
9	90	3.7	138	3.97	5.68
FEMALE	206	3.5	308	2.71	5.26
5	44	4.1	53	1.87	4.98
6	49	4.3	88	3.42	7.73
7	43	3.5	61	2.59	4.84
8	42	3.5	67	3.41	5.56
9	29	2.4	39	2.40	3.27
MALE	287	4.7	464	3.74	7.60
5	45	4.0	74	2.46	6.63
6	60	5.0	93	3.31	7.84
7	64	4.9	117	4.56	8.93
8	57	4.5	81	3.76	6.44
9	61	4.9	99	5.33	8.00

TABLE 34

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 TOTAL U.S. NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	321	6.7	512	5.37	10.66
5	65	7.4	122	5.23	14.00
6	63	6.8	103	4.78	11.02
7	85	8.2	131	6.59	12.72
8	57	5.7	90	5.46	9.06
9	52	5.3	66	4.72	6.76
FEMALE	158	6.7	242	5.31	10.29
5	36	8.4	63	5.54	14.84
6	37	8.0	52	5.04	11.42
7	37	7.4	57	6.08	11.36
8	30	6.2	46	5.86	9.48
9	18	3.7	23	3.56	4.84
MALE	163	6.7	270	5.43	11.01
5	29	6.5	59	4.93	13.21
6	27	5.6	51	4.53	10.63
7	47	9.0	74	7.05	14.03
8	26	5.2	44	5.09	8.65
9	34	6.8	43	5.71	8.60

TABLE 35

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 TOTAL U.S. WHITES ONLY

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	631	4.5	983	3.51	7.02
5	118	4.7	189	2.77	7.45
6	128	4.7	219	3.46	8.09
7	151	5.0	236	4.09	7.91
8	120	4.1	186	3.79	6.39
9	114	4.0	153	3.66	5.36
FEMALE	289	4.2	458	3.43	6.71
5	60	4.9	92	2.78	7.46
6	68	5.1	120	3.99	9.09
7	63	4.3	97	3.52	6.63
8	59	4.2	97	4.17	6.87
9	38	2.7	52	2.65	3.70
MALE	342	4.8	524	3.58	7.33
5	58	4.5	96	2.75	7.45
6	60	4.4	99	2.98	7.14
7	87	5.7	140	4.61	9.13
8	61	4.1	88	3.45	5.94
9	75	5.1	102	4.55	6.94

TABLE 36

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
	TOTAL U.S.			BLACKS AND ALL OTHERS	
BOTH	183	6.6	302	5.71	10.82
5	35	6.7	61	4.41	11.53
6	44	7.9	66	5.34	11.69
7	41	6.9	72	6.49	11.98
8	35	6.3	52	6.02	9.48
9	28	5.1	51	7.31	9.33
FEMALE	76	5.5	92	3.62	6.66
5	19	7.5	24	3.64	9.39
6	18	6.4	21	3.38	7.34
7	17	5.8	21	3.97	7.07
8	13	4.6	16	3.79	5.75
9	8	3.0	10	3.28	3.83
MALE	108	7.7	210	7.63	14.91
5	16	5.9	37	5.12	13.55
6	26	9.3	45	7.29	16.13
7	24	8.0	51	8.82	16.81
8	22	8.0	37	8.06	13.15
9	19	7.1	41	10.66	14.71

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR TOTAL UNITED STATES CHILDREN AGED 5 - 17 YEARS BY

AGE AND SEX

SMSA

NON SMSA

WHITES

BLACKS AND ALL OTHERS

TABLE 37

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S.

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	712	1.6	927	1.01	2.05
5	1	0.1	2	0.53	0.18
6	3	0.1	4	0.22	0.13
7	7	0.2	8	0.26	0.23
8	26	0.7	35	0.91	1.03
9	35	1.0	42	0.89	1.23
10	45	1.3	54	0.90	1.55
11	40	1.1	53	0.71	1.52
12	52	1.4	97	1.09	2.71
13	98	2.6	115	1.13	3.00
14	110	2.7	150	1.36	3.68
15	107	2.6	132	1.17	3.18
16	96	2.3	121	1.06	2.89
17	92	2.2	113	0.98	2.66
FEMALE	352	1.6	456	1.00	2.05
5	0	0.0	0	0.00	0.00
6	0	0.0	1	0.15	0.09
7	2	0.1	2	0.12	0.12
8	19	1.1	26	1.33	1.57
9	10	0.6	14	0.57	0.83
10	24	1.4	28	0.87	1.60
11	22	1.3	32	0.82	1.85
12	30	1.7	59	1.33	3.36
13	52	2.8	59	1.16	3.11
14	62	3.1	82	1.52	4.11
15	44	2.2	49	0.89	2.42
16	40	2.0	51	0.92	2.49
17	47	2.3	54	0.96	2.59
MALE	361	1.6	471	1.02	2.04
5	1	0.3	2	1.16	0.40
6	2	0.2	2	0.31	0.17
7	5	0.3	6	0.41	0.35
8	6	0.4	9	0.47	0.51
9	26	1.5	28	1.24	1.61
10	21	1.2	27	0.93	1.49
11	18	1.0	21	0.59	1.21
12	22	1.2	38	0.86	2.08
13	46	2.4	56	1.10	2.88
14	49	2.3	68	1.21	3.26
15	64	3.0	84	1.42	3.88
16	56	2.6	70	1.20	3.26
17	45	2.1	60	1.00	2.73

TABLE 38

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S. SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	443	1.4	535	0.81	1.66
5	0	0.0	0	0.00	0.00
6	2	0.1	2	0.20	0.12
7	5	0.2	6	0.28	0.25
8	20	0.8	27	0.98	1.11
9	24	1.0	25	0.76	1.04
10	30	1.2	37	0.85	1.47
11	24	0.9	33	0.61	1.32
12	35	1.4	53	0.82	2.05
13	68	2.5	78	1.06	2.85
14	57	2.0	75	0.94	2.59
15	60	2.0	70	0.85	2.35
16	58	2.0	65	0.78	2.19
17	59	1.9	64	0.76	2.10
FEMALE	213	1.3	256	0.77	1.61
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	0.1	2	0.16	0.15
8	17	1.5	24	1.72	2.03
9	3	0.3	3	0.19	0.28
10	12	1.0	13	0.57	1.05
11	13	1.1	20	0.72	1.63
12	23	1.9	36	1.13	2.89
13	42	3.1	45	1.23	3.35
14	24	1.7	27	0.68	1.89
15	19	1.3	20	0.51	1.42
16	21	1.4	25	0.62	1.73
17	37	2.5	40	0.96	2.67
MALE	230	1.4	279	0.84	1.70
5	0	0.0	0	0.00	0.00
6	2	0.2	2	0.45	0.24
7	3	0.3	4	0.41	0.35
8	3	0.2	3	0.22	0.24
9	21	1.7	22	1.36	1.77
10	18	1.4	24	1.16	1.87
11	10	0.8	13	0.49	1.01
12	12	0.9	16	0.51	1.25
13	26	1.9	33	0.89	2.36
14	33	2.2	48	1.18	3.26
15	42	2.7	49	1.17	3.25
16	38	2.5	40	0.94	2.62
17	22	1.4	24	0.56	1.56

TABLE 39

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	269	2.1	392	1.46	3.01
5	1	0.4	2	1.83	0.64
6	0	0.0	1	0.27	0.16
7	2	0.2	2	0.21	0.19
8	5	0.5	8	0.72	0.82
9	11	1.1	17	1.22	1.68
10	15	1.5	17	1.00	1.73
11	16	1.6	20	0.93	2.03
12	17	1.6	45	1.72	4.33
13	30	2.8	37	1.25	3.37
14	53	4.6	75	2.32	6.40
15	47	3.9	63	1.87	5.19
16	38	3.1	56	1.66	4.62
17	33	2.7	50	1.45	4.03
FEMALE	139	2.2	200	1.51	3.15
5	0	0.0	0	0.00	0.00
6	0	0.1	1	0.52	0.32
7	0	0.0	0	0.03	0.03
8	2	0.3	2	0.38	0.44
9	6	1.3	11	1.52	2.20
10	12	2.4	15	1.60	2.97
11	8	1.7	12	1.05	2.40
12	7	1.4	23	1.76	4.53
13	11	2.0	14	0.93	2.52
14	37	6.6	55	3.49	9.65
15	25	4.4	28	1.78	4.94
16	20	3.4	26	1.58	4.40
17	10	1.7	14	0.86	2.39
MALE	130	2.0	192	1.42	2.88
5	1	0.9	2	3.55	1.29
6	0	0.0	0	0.00	0.00
7	2	0.3	2	0.41	0.34
8	3	0.7	6	1.07	1.18
9	5	0.9	6	0.91	1.19
10	3	0.6	3	0.35	0.55
11	8	1.5	9	0.82	1.68
12	10	1.9	22	1.69	4.14
13	20	3.5	23	1.57	4.19
14	16	2.6	20	1.19	3.29
15	22	3.5	34	1.95	5.42
16	18	2.8	30	1.73	4.82
17	23	3.6	35	1.99	5.55

TABLE 40

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. WHITES ONLY

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	423	1.1	548	0.70	1.44
5	1	0.2	2	0.73	0.25
6	3	0.1	4	0.28	0.16
7	3	0.1	5	0.19	0.17
8	21	0.7	29	0.91	1.01
9	23	0.8	29	0.75	1.01
10	35	1.2	43	0.86	1.45
11	24	0.8	29	0.47	1.01
12	33	1.1	67	0.90	2.22
13	67	2.1	74	0.86	2.30
14	71	2.1	91	0.97	2.66
15	52	1.5	66	0.67	1.86
16	41	1.2	50	0.50	1.40
17	49	1.3	60	0.59	1.65
FEMALE	213	1.1	277	0.72	1.49
5	0	0.0	0	0.00	0.00
6	0	0.0	1	0.18	0.11
7	2	0.1	2	0.15	0.14
8	16	1.1	21	1.31	1.51
9	3	0.2	7	0.38	0.53
10	19	1.3	22	0.87	1.56
11	10	0.7	14	0.45	1.00
12	19	1.3	47	1.26	3.19
13	38	2.4	38	0.89	2.43
14	42	2.5	48	1.05	2.90
15	22	1.3	24	0.51	1.41
16	20	1.2	27	0.57	1.59
17	22	1.2	24	0.48	1.33
MALE	210	1.1	271	0.69	1.40
5	1	0.3	2	1.54	0.51
6	2	0.2	2	0.41	0.21
7	2	0.1	3	0.24	0.20
8	5	0.4	8	0.49	0.53
9	20	1.3	22	1.15	1.47
10	17	1.1	21	0.86	1.34
11	13	0.9	15	0.50	1.01
12	14	0.9	20	0.53	1.30
13	29	1.8	35	0.82	2.17
14	29	1.7	43	0.89	2.44
15	30	1.6	41	0.82	2.28
16	21	1.1	23	0.44	1.22
17	27	1.5	36	0.70	1.95

TABLE 41

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 TOTAL U.S. BLACKS AND ALL OTHERS

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	289	3.9	379	2.50	5.17
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	3	0.5	3	0.56	0.55
8	5	0.8	6	0.91	1.12
9	12	2.2	13	1.52	2.34
10	10	1.8	11	1.06	2.07
11	16	2.9	24	1.79	4.19
12	19	3.2	31	2.00	5.19
13	31	5.1	41	2.43	6.65
14	39	6.1	58	3.28	9.10
15	55	8.6	67	3.73	10.34
16	55	8.9	71	4.15	11.58
17	43	6.9	53	3.08	8.58
FEMALE	138	3.7	178	2.31	4.83
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	4	1.3	5	1.43	1.86
9	6	2.4	6	1.44	2.36
10	5	1.8	5	0.86	1.77
11	11	4.0	17	2.55	6.14
12	11	3.8	12	1.58	4.19
13	14	4.6	20	2.42	6.64
14	20	6.2	33	3.77	10.44
15	21	6.8	25	2.84	7.84
16	20	6.3	23	2.65	7.41
17	25	8.6	30	3.67	10.20
MALE	151	4.2	200	2.68	5.51
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	3	1.1	3	1.19	1.10
8	1	0.4	1	0.32	0.38
9	6	2.1	6	1.62	2.32
10	5	1.8	6	1.30	2.41
11	5	1.8	6	0.98	2.23
12	8	2.6	18	2.45	6.19
13	17	5.5	21	2.45	6.66
14	20	6.1	25	2.79	7.78
15	34	10.3	42	4.58	12.74
16	35	11.6	48	5.73	15.99
17	18	5.4	23	2.55	7.11

GINGIVAL TREATMENT NEEDS FOR TOTAL UNITED STATES CHILDREN AGED 5 - 17 YEARS BY

AGE AND SEX

SMSA

NON SMSA

WHITES

BLACKS AND ALL OTHERS

TABLE 42

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S.

AGE	PER CENT SCORED 0	PER CENT SCORED 1	PER CENT SCORED 2	PER CENT SCORED 3	PER CENT SCORED 4	PER CENT * UNSCORED
BOTH	4.41	64.28	28.07	2.47	0.52	0.26
5	11.53	74.04	13.82	0.05	0.03	0.53
6	4.96	74.34	19.53	0.58	0.41	0.18
7	3.26	63.02	32.17	0.95	0.39	0.21
8	3.17	60.99	34.46	0.88	0.28	0.22
9	1.89	60.04	34.74	2.16	0.70	0.47
10	2.59	61.54	32.95	2.09	0.32	0.50
11	2.45	60.20	33.70	2.98	0.44	0.23
12	3.77	59.21	32.97	3.34	0.54	0.18
13	4.25	60.39	30.81	3.33	1.03	0.19
14	4.98	62.93	26.95	4.17	0.88	0.09
15	4.42	64.70	26.13	3.75	0.67	0.32
16	5.20	66.20	24.81	3.30	0.33	0.16
17	5.28	68.98	21.85	3.13	0.54	0.21
FEMALE	4.72	66.71	25.67	2.15	0.51	0.24
5	10.61	74.73	14.15	0.00	0.02	0.50
6	5.42	75.31	18.30	0.59	0.13	0.25
7	3.01	63.03	32.12	0.92	0.70	0.21
8	3.54	60.71	34.73	0.78	0.09	0.15
9	2.05	62.15	32.08	2.46	1.04	0.21
10	2.73	65.90	28.88	1.80	0.23	0.46
11	3.48	61.56	30.60	3.23	0.69	0.44
12	4.12	61.35	30.13	3.59	0.62	0.19
13	4.93	63.80	27.18	2.80	1.01	0.29
14	5.42	68.64	22.40	3.13	0.23	0.17
15	4.63	67.56	23.91	2.73	0.90	0.27
16	6.09	69.43	21.10	2.95	0.36	0.07
17	5.59	72.73	19.08	2.07	0.52	0.00
MALE	4.10	61.95	30.37	2.77	0.52	0.28
5	12.41	73.37	13.52	0.10	0.04	0.55
6	4.51	73.41	20.71	0.57	0.67	0.12
7	3.50	63.01	32.22	0.98	0.08	0.20
8	2.81	61.25	34.20	0.97	0.47	0.29
9	1.74	58.01	37.30	1.87	0.37	0.72
10	2.46	57.36	36.84	2.38	0.41	0.54
11	1.45	58.90	36.68	2.74	0.19	0.03
12	3.43	57.16	35.69	3.10	0.46	0.16
13	3.59	57.09	34.33	3.84	1.06	0.09
14	4.55	57.45	31.32	5.16	1.51	0.02
15	4.23	62.02	28.21	4.70	0.46	0.38
16	4.35	63.16	28.31	3.63	0.30	0.25
17	4.99	65.41	24.49	4.14	0.56	0.41

* SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

TABLE 43

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80

AGE	TOTAL U.S. PER CENT SCORED 0	TOTAL U.S. PER CENT SCORED 1	TOTAL U.S. PER CENT SCORED 2	SMSA PER CENT SCORED 3	SMSA PER CENT SCORED 4	SMSA PER CENT * UNSCORED
BOTH	4.10	64.93	27.86	2.28	0.56	0.28
5	11.47	74.68	13.22	0.00	0.00	0.62
6	5.00	75.08	18.87	0.50	0.40	0.15
7	2.81	62.96	32.67	0.95	0.44	0.17
8	2.77	60.43	35.45	0.85	0.31	0.20
9	1.78	59.27	35.59	1.90	0.89	0.56
10	2.78	61.20	33.29	1.93	0.36	0.44
11	2.53	61.10	32.54	3.06	0.49	0.28
12	3.23	59.47	32.88	3.65	0.58	0.19
13	4.17	61.29	29.86	3.26	1.22	0.21
14	4.03	63.95	27.77	3.27	0.86	0.12
15	3.77	65.74	25.85	3.36	0.85	0.43
16	4.96	67.92	23.93	2.83	0.16	0.21
17	4.70	71.23	20.39	2.95	0.56	0.17
FEMALE	4.52	67.13	25.50	2.01	0.59	0.24
5	9.90	76.52	12.98	0.00	0.00	0.60
6	5.73	75.53	17.89	0.54	0.17	0.14
7	2.96	62.50	32.60	0.98	0.78	0.18
8	3.31	59.00	36.96	0.63	0.06	0.04
9	1.74	61.76	32.65	2.38	1.34	0.13
10	3.24	67.05	27.81	1.27	0.32	0.31
11	3.81	60.56	30.90	3.28	0.92	0.53
12	3.57	61.14	30.27	4.05	0.70	0.27
13	4.91	63.67	26.63	3.45	1.04	0.31
14	4.50	70.37	22.36	2.23	0.33	0.22
15	4.43	68.19	23.63	2.30	1.08	0.37
16	6.16	70.60	20.56	2.44	0.16	0.08
17	4.90	74.82	17.61	1.96	0.72	0.00
MALE	3.69	62.81	30.11	2.54	0.53	0.32
5	12.97	72.93	13.46	0.00	0.00	0.65
6	4.30	74.65	19.82	0.46	0.61	0.16
7	2.66	63.41	32.74	0.91	0.11	0.16
8	2.26	61.80	33.99	1.05	0.56	0.35
9	1.83	56.87	38.43	1.44	0.46	0.98
10	2.34	55.58	38.55	2.56	0.40	0.57
11	1.30	61.62	34.12	2.85	0.08	0.03
12	2.91	57.87	35.38	3.27	0.46	0.12
13	3.45	58.99	32.99	3.08	1.39	0.10
14	3.58	57.79	32.96	4.28	1.38	0.02
15	3.15	63.42	27.96	4.36	0.64	0.48
16	3.82	65.37	27.14	3.20	0.16	0.32
17	4.50	67.78	23.07	3.91	0.40	0.33

* SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

TABLE 44

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. NONSMSA

AGE	PER CENT SCORED 0	PER CENT SCORED 1	PER CENT SCORED 2	PER CENT SCORED 3	PER CENT SCORED 4	PER CENT * UNSCORED
BOTH	5.17	62.66	28.61	2.93	0.41	0.21
5	11.68	72.42	15.33	0.18	0.10	0.29
6	4.87	72.49	21.18	0.77	0.43	0.26
7	4.38	63.17	30.93	0.97	0.26	0.30
8	4.16	62.37	32.00	0.97	0.22	0.27
9	2.17	61.96	32.63	2.79	0.21	0.24
10	2.14	62.38	32.09	2.52	0.22	0.66
11	2.23	57.98	36.58	2.79	0.30	0.12
12	5.10	58.57	33.20	2.55	0.45	0.13
13	4.46	58.16	33.19	3.48	0.57	0.14
14	7.33	60.39	24.93	6.39	0.94	0.03
15	6.03	62.16	26.80	4.71	0.24	0.07
16	5.78	61.97	26.98	4.48	0.74	0.06
17	6.72	63.46	25.44	3.56	0.51	0.31
FEMALE	5.22	65.68	26.07	2.48	0.31	0.24
5	12.37	70.25	17.07	0.00	0.07	0.24
6	4.67	74.75	19.35	0.70	0.03	0.50
7	3.12	64.37	30.91	0.78	0.52	0.29
8	4.13	64.96	29.16	1.16	0.18	0.41
9	2.84	63.11	30.69	2.65	0.28	0.42
10	1.46	63.02	31.55	3.11	0.00	0.86
11	2.64	64.06	29.85	3.11	0.14	0.20
12	5.48	61.88	29.77	2.43	0.43	0.00
13	4.98	64.14	28.54	1.17	0.92	0.24
14	7.71	64.35	22.49	5.38	0.00	0.06
15	5.15	65.99	24.60	3.81	0.45	0.00
16	5.93	66.49	22.45	4.25	0.84	0.04
17	7.33	67.51	22.77	2.35	0.04	0.00
MALE	5.12	59.80	31.02	3.36	0.51	0.19
5	11.03	74.49	13.66	0.36	0.13	0.33
6	5.06	70.31	22.95	0.85	0.81	0.03
7	5.58	62.03	30.94	1.15	0.00	0.30
8	4.19	59.89	34.74	0.78	0.26	0.15
9	1.52	60.86	34.49	2.93	0.14	0.07
10	2.78	61.78	32.61	1.95	0.42	0.47
11	1.83	52.15	43.04	2.48	0.46	0.05
12	4.73	55.41	36.48	2.67	0.46	0.25
13	3.95	52.38	37.67	5.72	0.23	0.05
14	6.96	56.61	27.25	7.34	1.84	0.00
15	6.83	58.65	28.81	5.52	0.04	0.14
16	5.64	57.81	31.15	4.69	0.64	0.07
17	6.16	59.69	27.92	4.69	0.94	0.60

* SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

TABLE 45

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80

AGE	TOTAL U.S. PER CENT SCORED 0	TOTAL U.S. PER CENT SCORED 1	TOTAL U.S. PER CENT SCORED 2	WHITES ONLY PER CENT SCORED 3	WHITES ONLY PER CENT SCORED 4	WHITES ONLY PER CENT * UNSCORED
BOTH	4.05	64.47	28.43	2.27	0.50	0.27
5	10.89	75.27	13.17	0.06	0.03	0.57
6	4.09	75.94	19.05	0.53	0.29	0.10
7	3.01	63.00	32.19	1.14	0.41	0.25
8	2.72	61.24	34.66	0.84	0.34	0.20
9	1.44	59.42	36.03	1.99	0.62	0.51
10	2.30	60.84	33.99	1.92	0.38	0.57
11	2.00	59.24	35.33	2.81	0.34	0.28
12	3.17	58.11	34.64	3.46	0.41	0.21
13	3.97	59.87	31.73	3.07	1.19	0.18
14	4.80	62.96	27.54	3.79	0.85	0.05
15	4.57	65.21	26.22	3.04	0.72	0.24
16	5.18	67.41	23.93	2.98	0.32	0.18
17	4.82	70.53	21.24	2.73	0.44	0.25
FEMALE	4.38	66.73	26.17	1.98	0.51	0.23
5	10.46	75.20	13.71	0.00	0.02	0.60
6	4.04	76.40	18.66	0.57	0.16	0.18
7	2.27	62.67	32.84	1.11	0.85	0.26
8	3.00	61.15	34.99	0.69	0.11	0.06
9	1.64	62.08	32.61	2.24	1.19	0.24
10	2.30	64.62	30.94	1.35	0.28	0.51
11	2.79	60.59	32.68	2.95	0.46	0.52
12	3.14	60.96	31.13	3.96	0.59	0.23
13	5.03	62.96	27.80	2.70	1.16	0.35
14	5.41	69.21	22.64	2.40	0.25	0.09
15	4.89	66.90	24.95	2.29	0.91	0.05
16	5.90	70.02	20.70	2.90	0.42	0.06
17	5.80	74.09	18.05	1.85	0.20	0.00
MALE	3.75	62.33	30.57	2.55	0.49	0.31
5	11.30	75.33	12.66	0.12	0.05	0.54
6	4.14	75.50	19.42	0.49	0.42	0.03
7	3.71	63.31	31.56	1.18	0.00	0.24
8	2.45	61.32	34.34	0.99	0.56	0.34
9	1.24	56.88	39.29	1.75	0.08	0.76
10	2.31	57.34	36.80	2.44	0.47	0.63
11	1.24	57.95	37.86	2.68	0.22	0.04
12	3.21	55.38	37.99	2.99	0.24	0.19
13	2.94	56.90	35.51	3.42	1.21	0.02
14	4.22	57.00	32.22	5.11	1.43	0.02
15	4.28	63.62	27.41	3.73	0.55	0.41
16	4.52	64.99	26.92	3.06	0.22	0.29
17	3.88	67.10	24.31	3.57	0.66	0.48

* SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

TABLE 46

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. BLACKS AND ALL OTHERS

AGE	PER CENT SCORED 0	PER CENT SCORED 1	PER CENT SCORED 2	PER CENT SCORED 3	PER CENT SCORED 4	PER CENT * UNSCORED
BOTH	6.26	63.24	26.20	3.47	0.60	0.23
5	14.60	68.17	16.93	0.00	0.00	0.31
6	9.15	66.63	21.86	0.84	0.95	0.56
7	4.50	63.15	32.10	0.00	0.25	0.00
8	5.54	59.66	33.43	1.07	0.00	0.31
9	4.26	63.30	28.03	3.05	1.08	0.28
10	4.15	65.32	27.35	3.05	0.00	0.12
11	4.75	65.18	25.24	3.88	0.95	0.00
12	6.82	64.89	24.40	2.69	1.20	0.00
13	5.73	63.11	26.03	4.67	0.22	0.24
14	5.91	62.77	23.80	6.17	1.04	0.31
15	3.60	61.97	25.62	7.62	0.40	0.79
16	5.28	59.17	29.93	5.17	0.39	0.07
17	7.99	59.94	25.43	5.47	1.17	0.00
FEMALE	6.51	66.63	23.08	2.98	0.51	0.29
5	11.31	72.45	16.25	0.00	0.00	0.00
6	11.87	70.23	16.66	0.68	0.00	0.56
7	6.63	64.82	28.55	0.00	0.00	0.00
8	6.31	58.44	33.37	1.25	0.00	0.63
9	4.15	62.53	29.37	3.60	0.28	0.06
10	4.79	72.07	18.97	3.95	0.00	0.23
11	6.92	66.47	20.04	4.66	1.90	0.00
12	9.04	63.30	25.13	1.72	0.81	0.00
13	4.39	68.15	23.98	3.28	0.19	0.00
14	5.46	65.69	21.14	6.94	0.15	0.61
15	3.27	71.12	18.30	5.06	0.82	1.41
16	7.14	66.20	23.29	3.25	0.00	0.13
17	4.33	64.46	25.37	3.37	2.47	0.00
MALE	6.01	59.85	29.31	3.97	0.68	0.17
5	17.71	64.12	17.57	0.00	0.00	0.60
6	6.37	62.97	27.18	1.00	1.92	0.56
7	2.40	61.52	35.59	0.00	0.49	0.00
8	4.77	60.86	33.49	0.89	0.00	0.00
9	4.37	64.06	26.71	2.50	1.87	0.49
10	3.41	57.48	37.09	2.02	0.00	0.00
11	2.57	63.89	30.44	3.10	0.00	0.00
12	4.61	66.47	23.67	3.65	1.60	0.00
13	7.06	58.11	28.07	6.04	0.25	0.47
14	6.35	59.87	26.44	5.41	1.93	0.00
15	3.92	53.19	32.63	10.07	0.00	0.19
16	3.30	51.74	36.96	7.19	0.81	0.00
17	11.28	55.86	25.49	7.37	0.00	0.00

* SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

STATUS OF ORTHODONTIC TREATMENT FOR TOTAL UNITED STATES CHILDREN AGED 5 - 17 YEARS BY

AGE AND SEX

SMSA

NON SMSA

WHITES

BLACKS AND ALL OTHERS

TABLE 47

STATUS OF ORTHODONTIC TREATMENT FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S.

AGE	PER CENT CURRENT	PER CENT EVER	PER CENT NONE	PER CENT UNKNOWN
BOTH	8.69	11.68	88.04	0.29
5	0.49	0.49	99.13	0.38
6	1.23	1.23	98.59	0.18
7	1.61	1.63	98.02	0.35
8	3.47	3.84	95.96	0.20
9	2.93	3.84	95.85	0.31
10	4.60	6.76	93.07	0.17
11	5.67	7.53	92.28	0.18
12	9.73	12.76	86.58	0.66
13	13.95	16.78	83.08	0.14
14	16.50	19.96	79.61	0.43
15	16.67	22.01	77.65	0.35
16	15.10	21.08	78.67	0.26
17	13.81	23.48	76.37	0.15
FEMALE	9.77	13.04	86.68	0.29
5	0.60	0.60	99.20	0.19
6	1.06	1.06	98.93	0.01
7	1.84	1.84	97.68	0.48
8	4.35	4.76	95.09	0.15
9	2.70	3.33	96.46	0.22
10	4.92	7.63	92.08	0.29
11	6.15	8.21	91.64	0.15
12	11.21	14.44	84.71	0.85
13	16.07	18.85	81.02	0.13
14	18.69	22.76	77.00	0.25
15	19.46	25.00	74.69	0.31
16	16.33	23.19	76.45	0.36
17	15.56	26.36	73.36	0.28
MALE	7.66	10.37	89.34	0.29
5	0.38	0.38	99.07	0.55
6	1.40	1.40	98.26	0.34
7	1.39	1.42	98.36	0.22
8	2.63	2.95	96.80	0.24
9	3.15	4.34	95.26	0.40
10	4.29	5.93	94.01	0.06
11	5.20	6.88	92.90	0.22
12	8.31	11.15	88.37	0.48
13	11.89	14.78	85.08	0.14
14	14.39	17.28	82.11	0.61
15	14.06	19.20	80.42	0.38
16	13.94	19.09	80.75	0.16
17	12.15	20.74	79.24	0.02

TABLE 48

STATUS OF ORTHODONTIC TREATMENT FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. SMSA

AGE	PER CENT CURRENT	PER CENT EVER	PER CENT NONE	PER CENT UNKNOWN
BOTH	9.18	12.26	87.45	0.29
5	0.35	0.35	99.48	0.16
6	1.12	1.12	98.73	0.16
7	1.69	1.71	97.82	0.47
8	3.57	3.92	95.92	0.16
9	2.49	3.53	96.16	0.32
10	4.52	6.59	93.20	0.21
11	5.78	7.93	91.87	0.20
12	9.55	12.67	86.55	0.77
13	14.85	18.04	81.93	0.03
14	18.49	21.52	78.01	0.47
15	18.11	23.59	76.14	0.27
16	16.39	22.77	76.91	0.32
17	14.51	24.54	75.27	0.19
FEMALE	10.04	13.45	86.23	0.31
5	0.50	0.50	99.24	0.26
6	1.00	1.00	99.00	0.00
7	1.93	1.93	97.42	0.65
8	4.58	4.95	94.95	0.10
9	1.88	2.30	97.56	0.14
10	4.83	7.52	92.09	0.39
11	6.37	8.81	91.03	0.16
12	11.44	14.47	84.52	1.01
13	16.04	18.99	81.01	0.00
14	20.14	24.04	75.62	0.34
15	20.73	26.89	73.00	0.11
16	16.69	23.99	75.56	0.46
17	15.88	27.36	72.26	0.38
MALE	8.35	11.11	88.62	0.27
5	0.22	0.22	99.71	0.07
6	1.22	1.22	98.46	0.31
7	1.45	1.49	98.20	0.31
8	2.59	2.92	96.86	0.22
9	3.08	4.71	94.81	0.48
10	4.22	5.70	94.27	0.04
11	5.22	7.09	92.67	0.24
12	7.73	10.94	88.51	0.55
13	13.70	17.12	82.83	0.06
14	16.91	19.10	80.30	0.60
15	15.61	20.45	79.12	0.42
16	16.11	21.61	78.20	0.20
17	13.19	21.84	78.16	0.00

TABLE 49

STATUS OF ORTHODONTIC TREATMENT FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. NONSMSA

AGE	PER CENT CURRENT	PER CENT EVER	PER CENT NONE	PER CENT UNKNOWN
BOTH	7.48	10.23	89.49	0.28
5	0.82	0.82	98.26	0.92
6	1.53	1.53	98.25	0.22
7	1.42	1.42	98.55	0.03
8	3.24	3.65	96.07	0.28
9	4.01	4.64	95.07	0.29
10	4.79	7.19	92.73	0.08
11	5.38	6.55	93.32	0.13
12	10.18	12.99	86.63	0.37
13	11.69	13.65	85.94	0.40
14	11.53	16.09	83.58	0.32
15	13.15	18.13	81.34	0.54
16	11.93	16.92	82.99	0.09
17	12.11	20.86	79.09	0.05
FEMALE	9.09	12.00	87.78	0.22
5	0.86	0.86	99.10	0.04
6	1.21	1.21	98.76	0.03
7	1.62	1.62	98.32	0.06
8	3.77	4.29	95.44	0.27
9	4.74	5.89	93.71	0.40
10	5.15	7.91	92.05	0.04
11	5.60	6.73	93.16	0.11
12	10.63	14.38	85.17	0.45
13	16.14	18.50	81.04	0.46
14	15.08	19.56	80.44	0.00
15	16.28	20.26	78.92	0.82
16	15.44	21.19	78.70	0.10
17	14.78	23.86	76.10	0.04
MALE	5.96	8.56	91.11	0.33
5	0.78	0.78	97.46	1.76
6	1.84	1.84	97.76	0.40
7	1.24	1.24	98.76	0.00
8	2.74	3.04	96.67	0.29
9	3.30	3.44	96.38	0.18
10	4.45	6.50	93.39	0.12
11	5.16	6.38	93.47	0.16
12	9.75	11.67	88.03	0.30
13	7.40	8.98	90.68	0.34
14	8.15	12.78	86.59	0.63
15	10.30	16.18	83.55	0.28
16	8.69	12.98	86.94	0.07
17	9.63	18.07	81.86	0.07

TABLE 50

STATUS OF ORTHODONTIC TREATMENT FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. WHITES ONLY

AGE	PER CENT CURRENT	PER CENT EVER	PER CENT NONE	PER CENT UNKNOWN
BOTH	9.90	13.32	86.44	0.25
5	0.38	0.38	99.25	0.37
6	1.32	1.32	98.53	0.14
7	1.75	1.77	98.02	0.22
8	3.90	4.30	95.51	0.19
9	3.28	4.37	95.35	0.27
10	5.16	7.73	92.22	0.05
11	6.31	8.36	91.49	0.15
12	11.37	14.62	84.75	0.63
13	16.18	19.26	80.58	0.16
14	19.09	23.16	76.55	0.29
15	18.27	24.30	75.33	0.37
16	17.13	23.96	75.85	0.19
17	15.76	26.80	73.03	0.17
FEMALE	11.12	14.85	84.90	0.25
5	0.30	0.30	99.52	0.19
6	1.16	1.16	98.83	0.01
7	1.94	1.94	97.64	0.42
8	4.95	5.36	94.55	0.09
9	3.01	3.76	96.08	0.16
10	5.47	8.74	91.22	0.03
11	7.11	9.37	90.45	0.18
12	13.03	16.61	82.70	0.69
13	18.54	21.45	78.39	0.16
14	21.69	26.46	73.28	0.27
15	21.06	27.22	72.41	0.37
16	18.56	26.42	73.33	0.25
17	17.78	30.05	69.62	0.33
MALE	8.75	11.87	87.89	0.24
5	0.46	0.46	98.99	0.55
6	1.48	1.48	98.26	0.27
7	1.57	1.61	98.37	0.02
8	2.90	3.29	96.43	0.29
9	3.54	4.96	94.66	0.38
10	4.88	6.79	93.14	0.07
11	5.54	7.40	92.48	0.12
12	9.78	12.74	86.69	0.57
13	13.90	17.16	82.69	0.16
14	16.60	20.03	79.67	0.31
15	15.66	21.57	78.06	0.37
16	15.81	21.69	78.18	0.13
17	13.82	23.68	76.30	0.02

TABLE 51

STATUS OF ORTHODONTIC TREATMENT FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 TOTAL U.S. BLACKS AND ALL OTHERS

AGE	PER CENT CURRENT	PER CENT EVER	PER CENT NONE	PER CENT UNKNOWN
BOTH	2.30	3.01	96.48	0.51
5	1.01	1.01	98.58	0.41
6	0.80	0.80	98.86	0.33
7	0.92	0.92	98.07	1.01
8	1.22	1.45	98.33	0.22
9	1.07	1.07	98.42	0.51
10	1.57	1.57	97.60	0.83
11	2.35	3.24	96.40	0.37
12	1.34	3.23	95.96	0.81
13	2.32	3.82	96.16	0.02
14	2.69	2.91	95.91	1.19
15	7.97	9.51	90.26	0.23
16	3.29	4.29	95.06	0.65
17	2.38	4.00	96.00	0.00
FEMALE	2.83	3.71	95.81	0.48
5	2.07	2.07	97.69	0.24
6	0.59	0.59	99.41	0.00
7	1.36	1.36	97.85	0.78
8	1.24	1.71	97.85	0.44
9	1.07	1.07	98.40	0.52
10	2.28	2.28	96.17	1.54
11	1.30	2.34	97.66	0.00
12	2.11	3.60	94.77	1.63
13	3.38	5.47	94.53	0.00
14	3.04	3.47	96.40	0.13
15	10.85	13.04	86.96	0.00
16	4.21	5.62	93.46	0.91
17	2.10	3.99	96.01	0.00
MALE	1.78	2.32	97.15	0.54
5	0.00	0.00	99.42	0.58
6	1.02	1.02	98.30	0.68
7	0.49	0.49	98.29	1.22
8	1.19	1.19	98.81	0.00
9	1.07	1.07	98.43	0.49
10	0.73	0.73	99.27	0.00
11	3.40	4.13	95.14	0.73
12	0.59	2.85	97.15	0.00
13	1.27	2.19	97.77	0.04
14	2.35	2.35	95.42	2.23
15	5.20	6.12	93.43	0.45
16	2.31	2.88	96.75	0.37
17	2.64	4.00	96.00	0.00

REGION I

MAP

REGIONAL PROFILE

TREATMENT NEEDS BY DEMOGRAPHIC VARIABLES

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Figure 6

Region I

The Region I sample included 18 school districts containing 75 schools [63 public, 12 private] located in 30 communities in four of the six states. The data for Region I are based on the dental examinations of 5,016 school children.

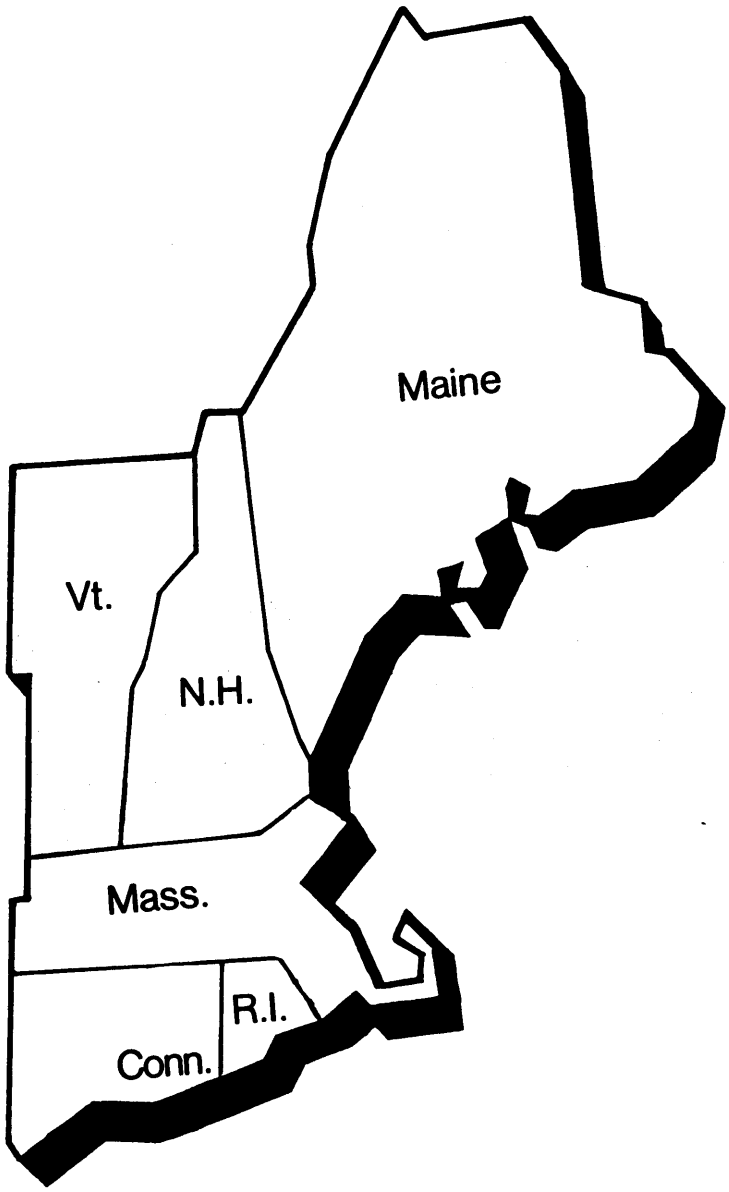

TABLE 52

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION I

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	754	30.1	2,304	45.41	92.04
5	1	2.1	2	13.87	4.72
6	13	9.0	26	31.80	18.01
7	25	13.2	43	26.43	22.80
8	44	23.4	114	52.65	60.59
9	41	22.2	87	34.97	47.00
10	51	25.7	122	36.63	61.70
11	62	31.7	184	44.34	93.65
12	68	33.7	192	38.67	94.63
13	76	35.4	226	39.78	104.96
14	96	42.0	312	50.46	136.00
15	89	38.0	308	48.68	132.02
16	94	40.0	374	58.59	158.88
17	93	38.7	314	48.58	131.06
FEMALE	358	29.0	1,123	44.41	91.08
5	0	0.3	0	0.77	0.28
6	9	11.7	13	29.99	17.19
7	12	12.8	20	23.70	21.83
8	20	22.2	63	57.79	68.62
9	19	20.5	39	30.63	43.45
10	24	25.2	57	32.79	58.65
11	33	34.4	104	48.18	108.23
12	33	33.1	92	36.91	92.66
13	32	30.6	93	33.10	87.73
14	49	43.5	174	57.33	154.50
15	48	42.2	146	47.59	128.37
16	40	34.6	180	58.06	156.92
17	39	33.1	142	45.10	120.48
MALE	396	31.1	1,181	46.40	92.98
5	1	4.1	2	31.11	9.81
6	4	6.0	13	33.86	18.93
7	13	13.7	23	29.47	23.74
8	24	24.5	51	47.41	52.89
9	23	23.8	48	39.60	50.40
10	26	26.2	65	40.77	64.61
11	29	29.2	80	40.16	79.68
12	35	34.3	100	40.44	96.51
13	44	40.1	134	46.29	121.56
14	48	40.5	139	43.88	118.29
15	41	34.1	162	49.70	135.50
16	54	45.1	193	59.09	160.75
17	54	44.1	172	51.88	141.26

TABLE 53

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION I SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	520	30.9	1,611	46.43	95.83
5	1	1.7	1	9.32	3.31
6	10	10.2	19	33.52	19.39
7	20	15.8	36	32.83	28.32
8	33	26.2	88	61.06	69.90
9	24	19.1	55	33.01	44.55
10	39	29.4	97	42.90	72.82
11	39	29.6	122	42.94	92.33
12	49	36.1	135	39.84	99.09
13	52	36.0	151	38.70	103.68
14	65	41.8	199	46.54	128.28
15	57	36.7	206	47.55	132.26
16	72	45.7	300	68.62	191.55
17	60	37.5	203	45.49	126.83
FEMALE	251	30.3	785	45.29	94.77
5	0	0.0	0	0.00	0.00
6	7	13.8	11	35.41	20.52
7	9	15.0	17	30.57	27.64
8	16	25.6	50	68.93	81.62
9	11	18.1	27	31.19	44.21
10	18	27.0	42	36.63	64.74
11	21	32.9	77	51.16	118.75
12	23	34.4	61	35.79	91.69
13	21	30.0	58	30.09	81.20
14	37	48.9	130	61.68	171.34
15	30	39.9	83	39.12	108.95
16	31	40.2	142	66.34	184.87
17	27	34.2	89	40.59	112.88
MALE	269	31.6	826	47.56	96.86
5	1	3.6	1	23.19	7.22
6	3	6.2	8	31.41	18.13
7	11	16.5	19	35.27	28.98
8	17	26.8	38	53.01	58.70
9	13	20.1	28	34.93	44.88
10	22	31.7	55	49.39	80.55
11	18	26.4	45	33.73	67.00
12	26	37.7	74	43.95	106.16
13	31	41.7	93	47.12	125.35
14	28	35.0	69	31.82	87.08
15	27	33.6	123	55.62	154.49
16	41	51.0	159	70.78	197.93
17	33	40.7	114	50.21	140.29

TABLE 54

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION I NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	233	28.4	693	40.87	84.29
5	0	3.2	1	28.72	8.62
6	3	6.6	7	27.99	15.16
7	5	8.2	7	13.68	11.80
8	11	17.7	26	35.84	41.81
9	17	28.3	32	38.94	51.93
10	12	18.0	25	23.04	38.65
11	23	36.2	62	45.89	96.39
12	19	28.8	56	34.49	85.39
13	24	34.3	76	39.99	107.59
14	32	42.3	114	55.23	151.95
15	32	40.7	102	47.52	131.53
16	22	28.4	73	33.59	93.50
17	33	41.0	111	50.05	139.52
FEMALE	107	26.4	337	39.83	83.49
5	0	1.1	0	3.96	1.09
6	2	7.4	2	18.16	10.17
7	3	8.3	3	10.68	10.19
8	5	15.4	13	35.32	42.47
9	8	25.2	13	29.48	41.92
10	7	21.4	14	24.90	46.05
11	12	37.5	27	39.41	86.48
12	10	30.4	31	37.77	94.66
13	11	31.8	35	37.40	101.24
14	12	32.2	44	43.63	119.70
15	18	46.7	63	60.28	167.32
16	9	23.4	39	36.27	100.88
17	12	30.8	53	48.73	135.71
MALE	127	30.3	355	41.91	85.06
5	0	5.5	1	50.71	16.53
6	1	5.7	5	39.35	20.54
7	3	8.1	4	17.27	13.37
8	6	19.8	13	36.37	41.18
9	10	31.2	19	49.29	61.53
10	5	14.8	10	20.86	31.58
11	11	35.0	35	52.69	105.91
12	9	27.2	26	31.27	76.51
13	13	36.8	41	42.51	113.72
14	20	51.9	70	66.28	182.86
15	14	34.9	39	35.33	97.53
16	13	33.2	35	31.04	86.47
17	21	50.8	58	51.32	143.18

TABLE 55

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION I

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	278	30.8	1,005	77.82	111.02
5	41	25.4	134	42.10	81.94
6	55	31.3	196	65.92	112.01
7	61	31.8	235	85.80	121.88
8	61	32.5	237	109.04	126.47
9	60	32.2	201	110.17	108.74
FEMALE	137	31.0	477	77.69	107.82
5	20	25.5	67	43.20	83.78
6	25	29.5	94	65.58	109.99
7	33	35.1	116	90.95	123.52
8	30	32.6	123	117.80	133.46
9	28	31.1	77	91.98	84.52
MALE	142	30.6	528	77.94	114.07
5	21	25.3	67	41.06	80.19
6	29	33.0	102	66.24	113.94
7	28	28.6	119	81.30	120.31
8	31	32.4	115	101.03	119.78
9	31	33.2	125	125.39	131.93

TABLE 56

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION I SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	198	32.8	744	61.61	122.93
5	31	28.4	93	31.50	85.25
6	41	34.7	154	56.76	131.54
7	45	34.8	192	76.00	148.62
8	39	31.1	157	75.53	125.02
9	43	34.5	147	82.09	119.06
FEMALE	100	33.9	362	62.72	122.43
5	15	29.0	46	31.89	85.99
6	18	32.2	75	57.61	131.28
7	26	41.1	99	82.23	156.39
8	19	31.6	86	86.39	139.60
9	21	34.6	56	67.38	93.17
MALE	98	31.7	382	60.59	123.41
5	16	27.7	48	31.14	84.55
6	22	37.0	79	55.98	131.78
7	19	28.8	93	70.38	141.23
8	20	30.7	71	65.62	111.08
9	22	34.4	91	94.93	143.83

TABLE 57

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION I NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	80	26.7	261	43.39	86.98
5	11	19.4	41	27.54	75.27
6	14	24.4	42	30.74	72.50
7	16	25.8	43	34.92	67.86
8	22	35.3	81	79.22	129.39
9	17	27.5	54	59.96	87.94
FEMALE	37	25.0	115	40.20	78.41
5	5	18.4	21	29.01	79.37
6	7	24.1	19	28.92	67.01
7	7	23.1	18	31.01	57.24
8	11	34.6	37	75.80	121.10
9	7	24.2	20	48.71	67.12
MALE	43	28.3	146	46.30	95.19
5	6	20.4	20	26.13	71.35
6	7	24.7	23	32.44	77.78
7	9	28.3	26	38.30	78.01
8	11	36.0	44	82.36	137.35
9	10	30.8	34	69.54	107.90

TABLE 58

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION I

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	30	1.2	45	0.89	1.81
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	0.6	1	0.66	0.57
8	0	0.0	0	0.00	0.00
9	0	0.1	0	0.06	0.08
10	2	0.8	2	0.46	0.78
11	3	1.3	4	0.87	1.84
12	2	1.2	4	0.90	2.21
13	4	1.6	8	1.33	3.51
14	3	1.4	5	0.85	2.30
15	6	2.6	12	1.95	5.29
16	2	1.1	2	0.39	1.05
17	7	2.8	7	1.04	2.80
FEMALE	12	1.0	17	0.68	1.38
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	1.1	1	1.25	1.15
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.2	0	0.08	0.15
11	2	1.9	2	1.10	2.47
12	1	1.1	2	1.00	2.52
13	2	1.5	2	0.87	2.32
14	0	0.3	2	0.68	1.82
15	3	2.3	3	0.99	2.67
16	0	0.4	0	0.13	0.36
17	3	2.6	3	0.96	2.57
MALE	18	1.4	28	1.11	2.22
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.2	0	0.12	0.16
10	1	1.4	1	0.87	1.38
11	1	0.8	1	0.62	1.23
12	1	1.2	2	0.81	1.93
13	2	1.7	5	1.77	4.65
14	3	2.4	3	1.02	2.76
15	3	2.9	9	2.86	7.80
16	2	1.7	2	0.63	1.71
17	4	3.0	4	1.11	3.02

TABLE 59

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION I SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	21	1.2	31	0.89	1.84
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	0.9	1	0.99	0.85
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	1.0	1	0.62	1.05
11	1	0.4	1	0.37	0.80
12	1	1.0	2	0.60	1.48
13	2	1.6	6	1.58	4.25
14	1	0.6	1	0.20	0.55
15	5	2.9	10	2.30	6.40
16	2	1.3	2	0.47	1.31
17	6	4.0	6	1.43	3.98
FEMALE	7	0.9	9	0.53	1.10
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	1.7	1	1.90	1.72
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	0.8	1	0.71	1.64
12	1	0.9	1	0.72	1.85
13	1	1.1	2	0.84	2.28
14	0	0.0	0	0.00	0.00
15	1	1.9	1	0.70	1.94
16	0	0.0	0	0.00	0.00
17	3	3.4	3	1.23	3.41
MALE	13	1.6	22	1.26	2.56
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	2.0	1	1.26	2.05
11	0	0.0	0	0.00	0.00
12	1	1.1	1	0.47	1.13
13	2	2.0	5	2.31	6.14
14	1	1.1	1	0.40	1.08
15	3	3.9	8	3.83	10.65
16	2	2.6	2	0.92	2.57
17	4	4.5	4	1.62	4.53

TABLE 60

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION I NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	9	1.1	14	0.84	1.74
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.2	0	0.18	0.24
10	0	0.2	0	0.13	0.23
11	2	3.2	3	1.90	3.98
12	1	1.5	2	1.51	3.73
13	1	1.7	1	0.73	1.98
14	2	3.1	4	2.15	5.92
15	2	2.0	2	1.11	3.08
16	0	0.5	0	0.19	0.52
17	0	0.4	0	0.16	0.44
FEMALE	5	1.3	8	0.93	1.96
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.5	0	0.25	0.46
11	1	4.2	1	1.91	4.20
12	1	1.6	1	1.55	3.89
13	1	2.4	1	0.88	2.39
14	0	0.9	2	2.04	5.59
15	1	3.1	2	1.49	4.12
16	0	1.1	0	0.39	1.07
17	0	0.9	0	0.32	0.89
MALE	4	1.0	6	0.75	1.52
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.5	0	0.38	0.47
10	0	0.0	0	0.00	0.00
11	1	2.3	1	1.88	3.78
12	0	1.5	1	1.46	3.58
13	0	1.0	1	0.59	1.57
14	2	5.3	2	2.26	6.23
15	0	1.0	1	0.76	2.09
16	0	0.0	0	0.00	0.00
17	0	0.0	0	0.00	0.00

TABLE 61

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION I

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	44	4.9	69	5.37	7.66
5	3	1.6	3	0.83	1.62
6	8	4.8	14	4.65	7.90
7	15	7.6	20	7.40	10.52
8	10	5.2	17	7.77	9.01
9	9	4.7	16	8.53	8.42
FEMALE	21	4.7	30	4.90	6.81
5	0	0.4	0	0.18	0.35
6	5	5.4	6	3.90	6.55
7	7	7.7	9	6.76	9.18
8	5	4.9	7	7.11	8.06
9	4	4.8	8	9.77	8.97
MALE	23	5.0	39	5.79	8.48
5	2	2.8	2	1.45	2.83
6	4	4.2	8	5.35	9.20
7	7	7.5	12	7.97	11.79
8	5	5.4	10	8.37	9.92
9	4	4.6	7	7.49	7.88

TABLE 62

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION I SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	26	4.3	36	2.97	5.92
5	2	2.1	2	0.76	2.06
6	6	4.7	9	3.27	7.58
7	10	7.8	11	4.30	8.41
8	4	3.2	6	2.97	4.92
9	4	3.5	8	4.25	6.16
FEMALE	12	4.1	14	2.43	4.74
5	0	0.0	0	0.00	0.00
6	4	6.1	4	2.69	6.14
7	5	7.4	5	3.91	7.44
8	1	2.4	1	1.49	2.42
9	2	3.7	4	5.14	7.11
MALE	14	4.6	22	3.46	7.04
5	2	4.0	2	1.47	4.00
6	2	3.3	5	3.81	8.96
7	5	8.1	6	4.65	9.33
8	3	4.0	5	4.32	7.31
9	2	3.3	3	3.46	5.25

TABLE 63

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION I NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	18	5.9	34	5.58	11.18
5	0	0.7	0	0.27	0.75
6	3	4.9	5	3.63	8.55
7	5	7.3	9	7.60	14.77
8	6	9.0	11	10.57	17.27
9	4	7.0	8	8.84	12.97
FEMALE	9	6.1	16	5.62	10.96
5	0	1.1	0	0.39	1.06
6	1	3.8	2	3.18	7.37
7	3	8.2	4	6.87	12.68
8	3	10.0	6	12.15	19.42
9	2	6.9	4	9.24	12.73
MALE	9	5.8	17	5.54	11.40
5	0	0.5	0	0.17	0.45
6	2	6.0	3	4.04	9.69
7	2	6.4	5	8.24	16.78
8	3	8.1	5	9.12	15.20
9	2	7.1	4	8.51	13.20

TABLE 64

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION I

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	86	3.5	134	2.65	5.36
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.1	0	0.21	0.24
9	0	0.1	0	0.06	0.08
10	3	1.7	6	1.85	3.11
11	4	2.2	9	2.15	4.54
12	6	3.1	10	1.97	4.81
13	6	2.7	14	2.47	6.52
14	15	6.4	17	2.75	7.42
15	14	5.9	25	3.88	10.53
16	17	7.3	20	3.13	8.50
17	21	8.6	33	5.14	13.86
FEMALE	44	3.6	68	2.68	5.50
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.2	0	0.41	0.49
9	0	0.0	0	0.00	0.00
10	1	1.3	1	0.72	1.29
11	3	3.3	7	3.10	6.97
12	3	3.2	4	1.77	4.45
13	3	2.6	4	1.59	4.22
14	8	7.1	9	3.00	8.09
15	9	8.0	15	4.77	12.86
16	4	3.7	6	1.94	5.24
17	12	10.1	21	6.63	17.70
MALE	43	3.4	66	2.61	5.23
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.2	0	0.12	0.16
10	2	2.1	5	3.06	4.85
11	1	1.1	2	1.12	2.22
12	3	3.1	5	2.16	5.15
13	3	2.8	10	3.33	8.73
14	7	5.7	8	2.51	6.77
15	5	3.8	10	3.05	8.32
16	13	10.8	14	4.27	11.62
17	9	7.2	12	3.73	10.15

TABLE 65

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION I SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	66	3.9	100	2.89	5.97
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	2	1.9	5	2.34	3.97
11	3	2.3	7	2.52	5.41
12	4	3.1	5	1.44	3.59
13	4	2.8	11	2.88	7.70
14	11	7.2	12	2.82	7.79
15	10	6.4	19	4.32	12.00
16	15	9.4	17	3.78	10.56
17	16	10.1	24	5.50	15.33
FEMALE	31	3.7	45	2.60	5.45
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	1.7	1	0.95	1.69
11	2	3.8	6	3.97	9.22
12	2	3.2	2	1.25	3.21
13	1	1.7	2	1.05	2.84
14	7	9.1	7	3.27	9.07
15	5	7.2	9	4.13	11.50
16	4	4.8	5	2.56	7.12
17	8	10.3	13	5.90	16.40
MALE	35	4.1	55	3.18	6.47
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	2.0	4	3.77	6.15
11	1	0.9	1	0.89	1.76
12	2	3.0	3	1.63	3.94
13	3	3.9	9	4.66	12.39
14	4	5.5	5	2.40	6.56
15	5	5.7	10	4.49	12.48
16	11	13.8	11	4.95	13.84
17	8	9.8	12	5.12	14.29

TABLE 66

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION I NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	21	2.5	34	2.00	4.13
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.4	0	0.62	0.72
9	0	0.2	0	0.18	0.24
10	1	1.3	1	0.79	1.33
11	1	2.0	2	1.31	2.75
12	2	3.2	5	2.97	7.35
13	2	2.5	3	1.51	4.06
14	3	4.7	5	2.42	6.65
15	4	4.8	6	2.74	7.59
16	2	3.1	3	1.57	4.38
17	5	5.7	9	3.91	10.91
FEMALE	13	3.2	23	2.68	5.61
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.7	0	1.23	1.48
9	0	0.0	0	0.00	0.00
10	0	0.5	0	0.25	0.46
11	1	2.3	1	1.06	2.33
12	1	3.2	2	2.80	7.03
13	2	4.5	2	2.61	7.07
14	1	3.0	2	2.21	6.07
15	4	9.8	6	5.61	15.57
16	1	1.5	1	0.52	1.46
17	4	9.6	8	7.30	20.32
MALE	8	1.8	11	1.33	2.70
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.5	0	0.38	0.47
10	1	2.2	1	1.42	2.15
11	1	1.7	1	1.57	3.15
12	1	3.3	3	3.13	7.66
13	0	0.6	0	0.43	1.16
14	2	6.2	3	2.61	7.20
15	0	0.0	0	0.00	0.00
16	2	4.6	3	2.57	7.17
17	1	1.9	1	0.67	1.86

TABLE 67

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION I

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	68	2.7	94	1.86	3.77
5	0	0.7	0	2.10	0.72
6	0	0.0	0	0.00	0.00
7	2	0.8	2	1.25	1.08
8	2	1.3	2	1.09	1.26
9	2	0.8	2	0.85	1.14
10	7	3.7	8	2.46	4.14
11	5	2.3	7	1.71	3.62
12	10	4.8	12	2.50	6.11
13	6	2.7	8	1.44	3.80
14	9	4.0	12	1.94	5.22
15	7	3.1	14	2.18	5.91
16	7	3.0	8	1.29	3.51
17	11	4.8	18	2.72	7.33
FEMALE	33	2.7	45	1.80	3.69
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	1.7	2	2.36	2.18
8	2	2.6	2	2.16	2.57
9	0	0.4	0	0.31	0.44
10	4	4.0	4	2.49	4.45
11	3	3.6	6	2.73	6.14
12	3	2.6	3	1.26	3.16
13	2	2.2	3	1.10	2.92
14	3	3.1	5	1.59	4.29
15	3	2.7	4	1.25	3.38
16	4	3.2	5	1.59	4.30
17	7	5.6	11	3.39	9.06
MALE	35	2.7	49	1.92	3.84
5	0	1.5	0	4.87	1.53
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	1.2	2	1.42	1.81
10	4	3.5	4	2.43	3.85
11	1	1.1	1	0.61	1.21
12	7	6.9	9	3.74	8.93
13	3	3.1	5	1.77	4.65
14	6	4.9	7	2.27	6.11
15	4	3.5	10	3.05	8.32
16	3	2.8	3	1.01	2.75
17	5	4.0	7	2.08	5.66

TABLE 68

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION I SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	48	2.9	67	1.94	4.01
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	1.1	2	1.74	1.50
8	2	1.4	2	1.22	1.40
9	1	0.9	2	1.03	1.38
10	5	4.1	5	2.41	4.10
11	1	1.0	2	0.71	1.53
12	6	4.7	8	2.32	5.76
13	4	2.7	6	1.45	3.88
14	7	4.2	9	2.10	5.79
15	5	3.4	10	2.34	6.52
16	6	3.5	7	1.55	4.33
17	9	5.8	15	3.41	9.49
FEMALE	23	2.8	30	1.74	3.65
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	2.3	2	3.35	3.03
8	2	2.9	2	2.41	2.86
9	0	0.0	0	0.00	0.00
10	3	4.2	3	2.39	4.22
11	1	1.8	2	1.15	2.67
12	1	0.9	1	0.34	0.87
13	1	2.0	1	0.73	1.98
14	3	4.2	4	2.13	5.91
15	2	2.1	2	0.76	2.11
16	3	4.1	4	2.07	5.76
17	6	7.5	10	4.40	12.24
MALE	25	3.0	37	2.14	4.36
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	1.8	2	2.11	2.71
10	3	4.0	3	2.44	3.98
11	0	0.2	0	0.21	0.43
12	6	8.3	7	4.32	10.44
13	3	3.4	4	2.15	5.72
14	3	4.3	4	2.08	5.68
15	4	4.5	9	3.86	10.72
16	2	3.0	2	1.06	2.97
17	3	4.3	6	2.45	6.84

TABLE 69

PERMANENT TEETH NEEDING CROWNS FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION I NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	20	2.4	27	1.58	3.27
5	0	2.7	0	8.95	2.69
6	0	0.0	0	0.00	0.00
7	0	0.2	0	0.27	0.24
8	1	1.0	1	0.83	0.97
9	0	0.6	0	0.48	0.64
10	2	3.0	3	2.53	4.24
11	3	5.1	5	3.79	7.96
12	3	4.9	5	2.76	6.83
13	2	2.6	3	1.35	3.63
14	3	3.5	3	1.46	4.02
15	2	2.6	4	1.70	4.69
16	1	1.8	1	0.66	1.85
17	2	2.6	2	1.08	3.00
FEMALE	11	2.6	15	1.80	3.78
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.5	0	0.50	0.48
8	1	2.0	1	1.65	1.99
9	0	1.3	0	0.92	1.31
10	1	3.4	2	2.67	4.94
11	2	7.5	4	6.06	13.31
12	2	6.1	3	3.16	7.92
13	1	2.7	2	1.80	4.86
14	0	0.9	0	0.34	0.93
15	1	3.9	2	2.13	5.92
16	1	1.4	1	0.49	1.36
17	1	1.8	1	0.96	2.67
MALE	9	2.2	12	1.37	2.78
5	0	5.5	0	16.90	5.51
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	2.6	1	2.37	3.58
11	1	2.8	1	1.40	2.82
12	1	3.8	2	2.37	5.79
13	1	2.4	1	0.91	2.45
14	2	6.0	3	2.53	6.98
15	1	1.4	1	1.28	3.52
16	1	2.3	1	0.83	2.31
17	1	3.3	1	1.19	3.31

TABLE 70

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION I

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	39	4.4	62	4.83	6.89
5	3	1.8	5	1.52	2.96
6	11	6.2	21	7.08	12.03
7	10	5.1	15	5.63	8.00
8	9	4.9	13	5.97	6.92
9	6	3.5	8	4.38	4.32
FEMALE	19	4.2	27	4.40	6.11
5	3	3.5	5	3.06	5.93
6	5	5.5	5	3.71	6.22
7	4	4.3	6	4.50	6.11
8	5	5.1	7	7.11	8.05
9	2	2.6	4	4.56	4.19
MALE	21	4.5	35	5.22	7.65
5	0	0.1	0	0.08	0.15
6	6	6.9	16	10.23	17.60
7	6	5.9	10	6.63	9.81
8	5	4.8	6	4.93	5.84
9	4	4.3	4	4.23	4.45

TABLE 71

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION I SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	29	4.7	43	3.58	7.15
5	2	1.7	2	0.75	2.04
6	9	7.3	15	5.68	13.17
7	7	5.7	11	4.30	8.40
8	6	4.7	8	4.02	6.65
9	5	4.0	6	3.56	5.16
FEMALE	12	4.2	16	2.81	5.48
5	2	3.4	2	1.56	4.20
6	4	6.5	4	3.26	7.44
7	2	3.7	2	1.94	3.68
8	3	4.3	4	4.07	6.58
9	2	3.2	3	3.99	5.51
MALE	16	5.2	27	4.29	8.75
5	0	0.0	0	0.00	0.00
6	5	8.0	11	7.93	18.66
7	5	7.7	9	6.43	12.90
8	3	5.1	4	3.97	6.72
9	3	4.8	3	3.19	4.83

TABLE 72

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION I NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	11	3.6	19	3.18	6.37
5	1	2.1	3	1.76	4.82
6	2	4.0	6	4.12	9.73
7	2	3.9	5	3.70	7.19
8	3	5.4	5	4.57	7.47
9	1	2.4	2	1.79	2.63
FEMALE	6	4.2	11	3.78	7.37
5	1	3.8	2	3.43	9.38
6	1	3.4	1	1.63	3.78
7	2	5.6	3	5.96	10.99
8	2	6.7	3	6.89	11.01
9	0	1.5	0	1.11	1.53
MALE	4	2.9	8	2.64	5.42
5	0	0.5	0	0.17	0.45
6	1	4.5	5	6.44	15.45
7	1	2.2	1	1.75	3.56
8	1	4.1	1	2.44	4.07
9	1	3.2	1	2.37	3.68

TABLE 73

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION I

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	46	1.8	64	1.26	2.55
5	0	0.7	0	2.10	0.72
6	0	0.0	0	0.00	0.00
7	2	0.8	2	1.25	1.08
8	2	0.9	2	0.75	0.86
9	2	0.8	2	0.85	1.14
10	5	2.3	5	1.51	2.54
11	3	1.6	6	1.35	2.84
12	7	3.5	9	1.83	4.47
13	4	1.6	6	1.06	2.79
14	8	3.4	10	1.63	4.39
15	5	2.1	9	1.46	3.96
16	4	1.8	6	0.86	2.34
17	6	2.3	7	1.11	2.99
FEMALE	23	1.9	31	1.22	2.51
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	1.7	2	2.36	2.18
8	2	1.8	2	1.49	1.76
9	0	0.4	0	0.31	0.44
10	3	2.8	3	1.84	3.28
11	3	2.8	5	2.37	5.32
12	2	2.4	2	1.00	2.50
13	1	1.1	2	0.68	1.80
14	3	3.1	5	1.59	4.29
15	1	1.3	2	0.73	1.97
16	3	2.4	4	1.28	3.47
17	3	2.4	3	1.00	2.68
MALE	23	1.8	33	1.29	2.59
5	0	1.5	0	4.87	1.53
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	1.2	2	1.42	1.81
10	2	1.8	2	1.15	1.82
11	0	0.5	0	0.24	0.47
12	5	4.6	7	2.67	6.36
13	2	2.2	4	1.43	3.75
14	4	3.7	5	1.66	4.48
15	3	2.8	7	2.15	5.86
16	2	1.3	2	0.47	1.27
17	3	2.3	4	1.21	3.29

TABLE 74

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION I SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	30	1.8	42	1.20	2.49
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	1.1	2	1.74	1.50
8	1	0.8	1	0.71	0.81
9	1	0.9	2	1.03	1.38
10	3	2.2	3	1.30	2.20
11	1	0.9	2	0.61	1.31
12	5	3.4	6	1.71	4.24
13	2	1.4	4	0.96	2.56
14	5	3.3	7	1.65	4.56
15	3	1.9	6	1.33	3.69
16	4	2.3	5	1.10	3.07
17	4	2.6	5	1.21	3.36
FEMALE	14	1.7	18	1.03	2.16
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	2.3	2	3.35	3.03
8	1	1.7	1	1.40	1.65
9	0	0.0	0	0.00	0.00
10	2	2.5	2	1.41	2.49
11	1	1.8	2	1.15	2.67
12	1	0.9	1	0.34	0.87
13	0	0.7	0	0.25	0.67
14	3	4.2	4	2.13	5.91
15	0	0.0	0	0.00	0.00
16	3	3.5	4	1.87	5.20
17	2	2.7	2	0.97	2.69
MALE	16	1.9	24	1.38	2.80
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	1.8	2	2.11	2.71
10	1	1.9	1	1.18	1.93
11	0	0.0	0	0.00	0.00
12	4	5.9	5	3.09	7.47
13	2	2.0	3	1.65	4.38
14	2	2.6	3	1.20	3.27
15	3	3.7	6	2.60	7.22
16	1	1.0	1	0.37	1.04
17	2	2.5	3	1.43	4.01

TABLE 75

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION I NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	16	1.9	22	1.30	2.67
5	0	2.7	0	8.95	2.69
6	0	0.0	0	0.00	0.00
7	0	0.2	0	0.27	0.24
8	1	1.0	1	0.83	0.97
9	0	0.6	0	0.48	0.64
10	2	2.5	2	1.92	3.22
11	2	3.2	4	2.86	6.01
12	2	3.7	3	2.00	4.95
13	2	2.2	2	1.22	3.27
14	3	3.5	3	1.46	4.02
15	2	2.4	3	1.62	4.49
16	1	0.9	1	0.32	0.89
17	1	1.8	2	0.81	2.26
FEMALE	9	2.2	13	1.54	3.23
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.5	0	0.50	0.48
8	1	2.0	1	1.65	1.99
9	0	1.3	0	0.92	1.31
10	1	3.4	2	2.67	4.94
11	2	4.9	3	4.91	10.78
12	2	5.5	2	2.35	5.89
13	1	1.9	1	1.53	4.13
14	0	0.9	0	0.34	0.93
15	1	3.9	2	2.13	5.92
16	0	0.0	0	0.00	0.00
17	1	1.8	1	0.96	2.67
MALE	7	1.7	9	1.05	2.14
5	0	5.5	0	16.90	5.51
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	1.6	1	1.05	1.59
11	0	1.4	0	0.72	1.44
12	1	2.1	1	1.66	4.06
13	1	2.4	1	0.91	2.45
14	2	6.0	3	2.53	6.98
15	0	1.0	1	1.14	3.13
16	1	1.7	1	0.62	1.73
17	1	1.9	1	0.67	1.86

TABLE 76

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 REGION I

AGE	PER CENT SCORED 0	PER CENT SCORED 1	PER CENT SCORED 2	PER CENT SCORED 3	PER CENT SCORED 4	PER CENT * UNSCORED
BOTH	1.35	64.82	31.63	1.75	0.27	0.17
5	2.22	85.45	12.04	0.00	0.08	0.21
6	2.17	80.05	17.44	0.00	0.08	0.27
7	1.30	67.13	30.64	0.74	0.00	0.20
8	1.09	58.00	38.68	1.57	0.66	0.00
9	0.64	57.65	40.80	0.67	0.05	0.18
10	1.34	55.00	41.25	1.47	0.49	0.45
11	1.92	56.48	40.36	1.02	0.22	0.00
12	0.12	65.34	31.86	2.34	0.35	0.00
13	1.02	64.36	32.11	1.97	0.00	0.53
14	3.20	60.07	32.26	4.22	0.25	0.00
15	0.64	64.53	31.39	2.58	0.46	0.39
16	0.86	70.10	27.60	1.19	0.25	0.00
17	1.26	63.14	31.54	3.54	0.51	0.00
FEMALE	1.55	67.10	29.21	1.73	0.22	0.20
5	2.85	84.99	12.16	0.00	0.00	0.00
6	1.90	80.45	17.30	0.00	0.15	0.20
7	0.80	65.64	31.65	1.51	0.00	0.40
8	1.10	61.19	34.60	2.37	0.73	0.00
9	0.67	58.10	39.86	1.37	0.00	0.00
10	1.68	60.39	36.30	1.63	0.00	0.00
11	1.73	61.56	34.93	1.33	0.45	0.00
12	0.24	66.89	29.77	2.62	0.49	0.00
13	0.88	68.14	27.63	2.27	0.00	1.08
14	3.43	61.21	32.01	2.84	0.51	0.00
15	0.66	70.94	25.73	1.86	0.00	0.81
16	1.76	72.97	22.79	1.96	0.52	0.00
17	2.31	63.32	32.53	1.85	0.00	0.00
MALE	1.17	62.64	33.96	1.77	0.32	0.14
5	1.62	85.89	11.93	0.00	0.15	0.42
6	2.43	79.67	17.57	0.00	0.00	0.34
7	1.77	68.55	29.67	0.00	0.00	0.00
8	1.08	54.94	42.58	0.80	0.60	0.00
9	0.61	57.22	41.71	0.00	0.10	0.36
10	1.01	49.85	45.97	1.33	0.96	0.88
11	2.10	51.61	45.57	0.72	0.00	0.00
12	0.00	63.86	33.86	2.06	0.22	0.00
13	1.16	60.72	36.43	1.68	0.00	0.00
14	2.98	58.99	32.50	5.53	0.00	0.00
15	0.62	58.44	36.78	3.27	0.90	0.00
16	0.00	67.36	32.18	0.46	0.00	0.00
17	0.26	62.96	30.60	5.17	1.01	0.00

* SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

REGION II

MAP

REGIONAL PROFILE

TREATMENT NEEDS BY DEMOGRAPHIC VARIABLES

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Primary 121

PULPAL TREATMENT

Permanent 124

GINGIVAL TREATMENT

Permanent and Primary Combined 127

Figure 7

Region II

The Region II sample included 16 school districts containing 66 schools [57 public, 9 private] located in 33 communities in all three states. The data for Region II are based on the dental examinations of 5,444 school children.

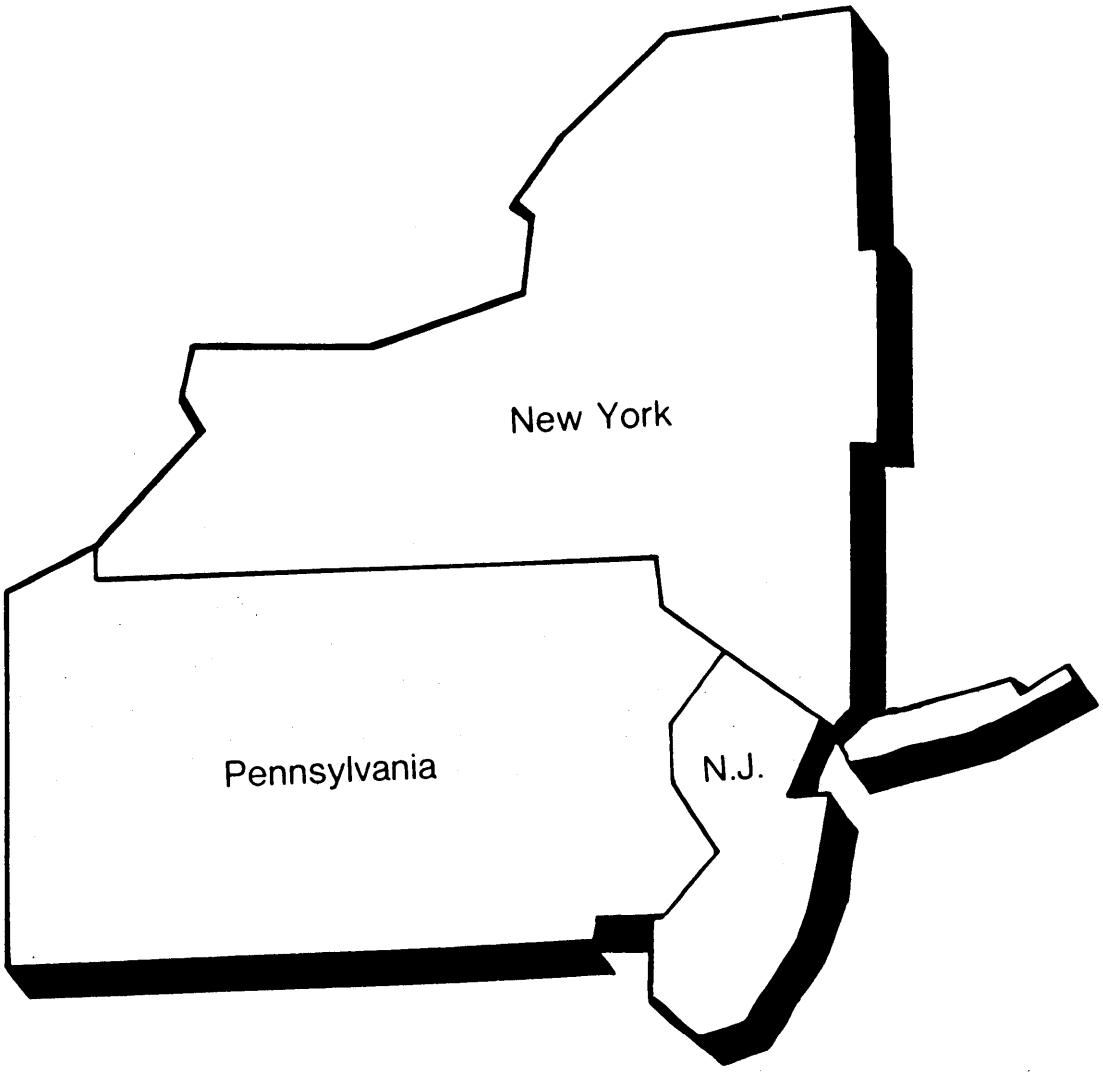

TABLE 78

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION II

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	2,073	28.2	6,070	40.44	82.72
5	0	0.2	0	0.78	0.24
6	15	3.4	33	12.94	7.59
7	58	10.3	129	25.42	22.85
8	112	20.2	207	32.94	37.35
9	105	19.2	270	35.49	49.33
10	143	24.7	340	34.46	58.61
11	134	23.4	308	24.94	53.70
12	190	32.0	527	35.18	88.64
13	241	38.2	650	38.39	102.98
14	260	38.7	799	43.59	118.98
15	247	36.5	928	50.35	137.46
16	257	37.8	781	42.29	114.84
17	311	44.9	1,098	58.41	158.72
FEMALE	1,018	28.2	2,770	37.00	76.75
5	0	0.5	0	1.60	0.48
6	5	2.4	9	6.32	3.83
7	23	8.1	58	21.97	20.76
8	66	24.4	113	35.76	41.66
9	64	24.0	156	40.15	58.44
10	71	24.8	166	31.60	58.43
11	68	24.2	171	26.77	60.85
12	95	32.5	245	32.86	84.13
13	122	39.3	290	34.67	93.73
14	113	34.5	321	36.03	97.95
15	99	30.2	359	39.85	108.98
16	152	45.8	432	48.07	130.15
17	141	41.4	449	48.72	132.22
MALE	1,054	28.3	3,300	43.86	88.49
5	0	0.0	0	0.00	0.00
6	9	4.5	24	20.57	11.64
7	35	12.3	71	29.15	24.89
8	46	16.3	94	30.09	33.21
9	41	14.7	113	30.60	40.60
10	73	24.5	174	37.69	58.77
11	66	22.6	137	22.99	46.84
12	96	31.5	283	37.47	92.97
13	119	37.2	360	42.03	111.90
14	146	42.7	477	50.77	139.09
15	147	42.6	569	60.39	164.58
16	105	30.1	349	36.80	100.23
17	170	48.3	649	67.74	184.28

TABLE 79

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION II SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	1,747	27.8	4,980	38.17	79.17
5	0	0.0	0	0.00	0.00
6	11	3.0	28	13.29	7.81
7	46	9.6	100	23.12	20.80
8	96	20.2	175	32.58	36.89
9	79	16.9	186	28.76	39.64
10	123	24.6	295	34.63	59.05
11	113	22.9	251	23.46	50.79
12	165	32.1	451	34.61	87.94
13	208	38.2	534	36.18	98.17
14	220	38.1	658	41.08	113.88
15	205	35.5	789	49.16	136.64
16	215	37.0	616	37.97	105.90
17	265	44.9	897	54.40	151.67
FEMALE	864	27.9	2,300	35.25	74.28
5	0	0.0	0	0.00	0.00
6	3	1.7	6	5.62	3.40
7	15	6.5	40	17.77	16.77
8	56	24.2	93	34.39	40.06
9	54	23.4	120	36.00	52.35
10	59	24.3	147	32.16	59.91
11	57	23.5	141	25.36	58.30
12	82	32.9	209	32.50	83.44
13	104	39.1	247	33.79	92.49
14	95	33.5	247	31.52	87.44
15	80	28.3	304	38.63	107.73
16	133	46.7	362	45.58	127.08
17	125	43.1	384	47.27	131.97
MALE	883	27.6	2,680	41.09	83.92
5	0	0.0	0	0.00	0.00
6	8	4.4	22	22.18	12.60
7	31	12.7	60	28.89	24.75
8	39	16.3	82	30.75	33.85
9	26	10.7	66	21.04	27.47
10	64	24.9	149	37.45	58.23
11	56	22.4	110	21.41	43.58
12	82	31.4	242	36.68	92.25
13	103	37.4	287	38.53	103.65
14	126	42.6	411	50.22	139.18
15	125	42.4	485	59.30	164.30
16	82	27.8	254	30.68	85.58
17	140	46.6	513	61.33	170.77

TABLE 80

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION II NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	326	31.1	1,090	50.63	104.02
5	0	1.5	0	4.82	1.52
6	4	5.7	4	10.93	6.33
7	11	14.2	28	39.20	35.08
8	16	20.5	32	34.71	40.08
9	26	33.3	84	72.77	107.19
10	20	25.0	45	33.18	55.85
11	21	26.2	57	33.20	71.70
12	26	31.4	77	37.04	93.01
13	33	37.9	117	49.32	132.69
14	39	42.1	141	54.43	150.37
15	41	42.5	139	51.57	142.34
16	41	42.1	165	60.64	167.74
17	45	45.1	201	72.76	200.31
FEMALE	154	30.1	470	44.17	91.71
5	0	3.0	0	8.07	2.99
6	2	6.3	2	10.40	6.25
7	7	18.2	18	47.02	45.01
8	10	25.1	20	43.93	51.19
9	11	27.6	36	64.34	94.78
10	11	28.2	19	27.82	49.23
11	11	28.2	30	34.39	76.65
12	12	30.3	36	33.81	88.38
13	17	40.3	44	37.35	101.39
14	19	40.8	75	58.85	162.74
15	19	41.5	55	42.10	116.53
16	19	40.2	70	54.16	148.61
17	15	31.3	65	48.50	133.74
MALE	172	32.0	620	56.94	115.79
5	0	0.0	0	0.00	0.00
6	2	5.2	2	11.53	6.41
7	4	10.3	11	30.76	25.72
8	7	16.1	12	25.69	29.39
9	16	38.8	48	80.89	119.12
10	9	22.0	26	38.81	62.16
11	10	24.3	27	31.98	66.96
12	14	32.4	41	40.39	97.43
13	16	35.6	73	61.05	162.82
14	21	43.4	66	50.19	138.54
15	22	43.4	84	60.40	166.26
16	22	43.8	95	66.57	185.51
17	30	58.0	136	95.61	262.82

TABLE 81

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION II

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	798	29.7	3,301	87.10	122.97
5	128	26.2	505	53.27	103.07
6	123	23.6	483	54.94	92.45
7	170	29.6	755	95.09	131.78
8	196	35.4	882	135.49	159.82
9	180	33.0	676	130.50	123.52
FEMALE	388	29.6	1,614	89.16	123.03
5	69	29.0	284	61.24	118.69
6	62	24.1	253	59.97	98.70
7	81	29.0	392	104.03	140.12
8	89	32.9	372	119.35	138.27
9	87	32.6	313	132.41	116.96
MALE	409	29.8	1,686	85.20	122.92
5	59	23.5	221	45.63	88.17
6	62	23.2	230	50.31	86.45
7	89	30.3	363	87.01	123.83
8	107	37.8	510	150.34	180.37
9	93	33.4	363	128.89	129.80

TABLE 82

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION II SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	634	27.5	2,470	53.94	107.35
5	101	23.9	346	30.34	82.19
6	95	21.1	362	34.75	80.71
7	134	27.2	536	56.94	109.16
8	158	33.4	689	87.14	145.76
9	147	31.3	538	80.74	114.78
FEMALE	309	27.5	1,200	54.75	106.72
5	56	27.4	202	36.17	98.14
6	47	21.6	202	40.33	91.86
7	63	26.1	278	62.31	116.00
8	70	30.5	267	70.38	115.77
9	73	31.7	252	81.60	109.83
MALE	324	27.6	1,270	53.20	107.95
5	44	20.6	144	24.76	66.98
6	47	20.7	160	29.58	70.01
7	71	28.2	258	52.09	102.64
8	88	36.3	422	102.60	174.31
9	74	30.9	286	79.99	119.52

TABLE 83

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION II NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	164	42.9	830	111.11	216.88
5	28	40.1	159	85.43	230.11
6	29	38.8	121	71.35	163.56
7	36	44.3	219	139.86	267.77
8	38	47.4	194	147.90	243.37
9	34	43.1	138	132.38	175.68
FEMALE	79	42.1	414	114.65	220.81
5	13	39.1	82	91.17	243.42
6	14	39.4	51	62.19	140.05
7	18	46.0	114	153.14	284.87
8	19	47.5	106	165.96	271.29
9	15	38.0	61	120.18	159.45
MALE	85	43.6	416	107.79	213.11
5	14	41.0	77	80.02	217.35
6	14	38.2	70	79.86	186.21
7	18	42.7	105	127.84	251.40
8	19	47.3	88	130.77	216.53
9	19	48.1	77	144.10	191.28

TABLE 84

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION II

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	112	1.5	180	1.20	2.45
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.4	2	0.32	0.37
9	0	0.0	0	0.00	0.00
10	1	0.1	1	0.07	0.11
11	6	1.1	8	0.61	1.31
12	10	1.7	14	0.95	2.38
13	13	2.1	16	0.97	2.59
14	9	1.3	13	0.71	1.95
15	33	5.0	62	3.35	9.15
16	25	3.6	41	2.22	6.03
17	13	1.9	23	1.25	3.39
FEMALE	48	1.3	63	0.84	1.73
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	0.2	1	0.13	0.24
11	5	1.8	6	1.00	2.28
12	9	3.2	13	1.80	4.61
13	11	3.4	13	1.57	4.24
14	3	1.0	3	0.38	1.02
15	10	2.9	12	1.36	3.72
16	7	2.0	8	0.85	2.30
17	2	0.6	6	0.62	1.67
MALE	65	1.7	118	1.56	3.15
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.7	2	0.65	0.72
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	0.4	1	0.19	0.38
12	1	0.2	1	0.10	0.25
13	3	0.8	3	0.38	1.01
14	6	1.7	10	1.04	2.84
15	24	6.9	50	5.26	14.33
16	18	5.1	33	3.53	9.60
17	11	3.1	18	1.85	5.05

TABLE 85

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION II SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	90	1.4	143	1.10	2.28
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.3	2	0.30	0.34
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	5	1.0	6	0.60	1.30
12	8	1.6	12	0.93	2.35
13	12	2.2	15	0.99	2.68
14	7	1.1	9	0.58	1.61
15	30	5.3	56	3.50	9.73
16	19	3.3	32	1.95	5.42
17	7	1.1	12	0.71	1.98
FEMALE	39	1.2	46	0.71	1.50
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	5	2.1	6	1.15	2.65
12	8	3.2	12	1.87	4.81
13	10	3.7	13	1.71	4.69
14	2	0.8	2	0.29	0.80
15	8	2.9	8	1.05	2.93
16	5	1.7	5	0.62	1.74
17	0	0.0	0	0.00	0.00
MALE	51	1.6	97	1.49	3.03
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.7	2	0.61	0.67
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	2	0.7	2	0.27	0.73
14	4	1.4	7	0.86	2.38
15	22	7.5	48	5.86	16.23
16	14	4.8	27	3.21	8.96
17	7	2.2	12	1.40	3.90

TABLE 86

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION II NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	22	2.1	37	1.71	3.51
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.5	0	0.44	0.51
9	0	0.0	0	0.00	0.00
10	1	0.8	1	0.49	0.83
11	1	1.4	1	0.64	1.39
12	2	2.6	2	1.02	2.57
13	1	1.3	2	0.77	2.07
14	3	2.7	4	1.47	4.05
15	3	3.1	6	2.08	5.75
16	5	5.4	9	3.48	9.63
17	6	6.1	12	4.25	11.71
FEMALE	9	1.8	16	1.51	3.14
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	1.7	1	0.96	1.70
11	0	0.0	0	0.00	0.00
12	1	3.4	1	1.29	3.37
13	1	1.4	1	0.52	1.42
14	1	2.4	1	0.87	2.41
15	1	3.0	4	3.07	8.49
16	2	3.8	3	2.07	5.67
17	2	4.2	6	4.24	11.69
MALE	13	2.5	21	1.90	3.86
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	1.0	0	0.88	1.01
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	2.7	1	1.30	2.71
12	1	1.8	1	0.75	1.80
13	0	1.1	1	1.01	2.69
14	1	3.0	3	2.04	5.63
15	2	3.2	2	1.17	3.22
16	3	6.9	7	4.78	13.31
17	4	7.9	6	4.27	11.72

TABLE 87

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION II

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	174	6.5	294	7.76	10.96
5	14	2.8	18	1.90	3.68
6	33	6.3	51	5.76	9.70
7	28	4.9	55	6.95	9.63
8	39	7.0	63	9.62	11.35
9	61	11.1	108	20.78	19.67
FEMALE	91	6.9	147	8.14	11.23
5	10	4.2	12	2.52	4.89
6	15	6.0	22	5.22	8.59
7	15	5.3	30	8.05	10.84
8	13	4.9	26	8.27	9.59
9	37	14.0	58	24.32	21.49
MALE	83	6.1	147	7.41	10.69
5	4	1.5	6	1.31	2.53
6	18	6.6	29	6.26	10.76
7	13	4.5	25	5.95	8.47
8	26	9.0	37	10.85	13.02
9	23	8.3	50	17.80	17.93

TABLE 88

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION II SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	135	5.9	221	4.83	9.61
5	9	2.2	9	0.83	2.24
6	26	5.7	37	3.55	8.25
7	19	3.9	38	4.04	7.74
8	31	6.5	49	6.25	10.45
9	50	10.7	87	13.10	18.63
FEMALE	73	6.5	116	5.31	10.34
5	8	3.8	8	1.39	3.77
6	14	6.2	20	3.93	8.96
7	11	4.4	20	4.57	8.51
8	9	3.9	20	5.30	8.71
9	32	14.0	48	15.69	21.12
MALE	62	5.3	105	4.39	8.90
5	2	0.8	2	0.29	0.77
6	12	5.3	17	3.20	7.57
7	9	3.5	18	3.55	7.00
8	22	8.9	29	7.13	12.11
9	18	7.5	39	10.87	16.24

TABLE 89

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION II NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	39	10.2	73	9.76	19.06
5	4	6.2	9	4.63	12.48
6	7	9.9	14	8.04	18.43
7	9	10.8	17	10.96	20.99
8	8	10.2	13	10.11	16.64
9	11	13.4	20	19.50	25.88
FEMALE	18	9.5	31	8.59	16.55
5	2	6.5	4	4.39	11.71
6	2	4.9	2	2.82	6.34
7	4	10.9	10	13.35	24.84
8	4	10.6	6	9.02	14.74
9	5	13.9	9	17.83	23.65
MALE	21	10.9	42	10.86	21.47
5	2	5.8	5	4.87	13.22
6	6	14.8	11	12.90	30.09
7	5	10.8	7	8.80	17.30
8	4	9.7	7	11.15	18.46
9	5	13.0	11	21.11	28.03

TABLE 90

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION II

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	165	2.3	263	1.75	3.58
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.02	0.02
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.1	0	0.03	0.05
11	5	0.8	6	0.48	1.03
12	5	0.8	9	0.58	1.47
13	23	3.7	29	1.70	4.56
14	5	0.7	7	0.36	0.97
15	22	3.2	26	1.43	3.91
16	49	7.2	84	4.54	12.33
17	56	8.1	102	5.43	14.76
FEMALE	90	2.5	153	2.05	4.24
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.03	0.03
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	4	1.5	5	0.86	1.95
12	5	1.6	9	1.18	3.01
13	13	4.2	18	2.12	5.72
14	2	0.6	2	0.26	0.71
15	8	2.4	12	1.36	3.72
16	35	10.4	63	6.99	18.94
17	24	7.0	44	4.73	12.84
MALE	75	2.0	110	1.46	2.94
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.1	0	0.07	0.10
11	0	0.1	0	0.07	0.15
12	0	0.0	0	0.00	0.00
13	10	3.2	11	1.29	3.45
14	3	0.9	4	0.45	1.22
15	14	4.1	14	1.50	4.09
16	14	4.2	21	2.21	6.03
17	33	9.3	58	6.11	16.61

TABLE 91

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION II SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	145	2.3	232	1.78	3.69
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	3	0.7	5	0.44	0.96
12	4	0.8	8	0.62	1.58
13	21	3.9	26	1.74	4.71
14	3	0.5	3	0.21	0.58
15	18	3.2	21	1.31	3.63
16	45	7.7	75	4.64	12.94
17	51	8.5	94	5.70	15.90
FEMALE	82	2.6	140	2.15	4.53
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	3	1.4	5	0.85	1.96
12	4	1.6	8	1.26	3.23
13	12	4.5	16	2.24	6.14
14	1	0.3	1	0.14	0.40
15	6	2.2	9	1.13	3.15
16	34	11.9	61	7.72	21.52
17	21	7.3	40	4.88	13.63
MALE	64	2.0	92	1.41	2.88
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	9	3.3	9	1.24	3.34
14	2	0.7	2	0.27	0.74
15	12	4.1	12	1.48	4.10
16	11	3.7	14	1.69	4.71
17	29	9.8	54	6.50	18.10

TABLE 92

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION II NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	20	1.9	31	1.43	2.93
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.1	0	0.12	0.11
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.4	0	0.23	0.38
11	1	1.5	1	0.68	1.47
12	1	0.8	1	0.33	0.83
13	2	2.2	3	1.35	3.64
14	2	2.1	3	1.24	3.41
15	4	3.7	5	2.00	5.53
16	4	4.3	9	3.16	8.75
17	6	5.7	8	2.92	8.03
FEMALE	8	1.6	13	1.22	2.53
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.2	0	0.23	0.22
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	1.9	1	0.85	1.90
12	1	1.7	1	0.65	1.70
13	1	2.0	1	1.16	3.15
14	1	2.6	1	0.94	2.61
15	2	3.3	3	2.58	7.15
16	1	1.6	2	1.25	3.43
17	3	5.3	4	2.94	8.10
MALE	11	2.1	18	1.63	3.31
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.7	0	0.47	0.75
11	0	1.1	0	0.51	1.06
12	0	0.0	0	0.00	0.00
13	1	2.5	2	1.54	4.11
14	1	1.6	2	1.52	4.19
15	2	4.0	2	1.46	4.03
16	3	6.8	7	4.92	13.70
17	3	6.2	4	2.90	7.96

TABLE 93

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION II

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	150	2.0	191	1.27	2.60
5	0	0.0	0	0.00	0.00
6	2	0.5	2	0.90	0.53
7	2	0.4	2	0.39	0.35
8	6	1.0	10	1.59	1.80
9	6	1.1	6	0.79	1.09
10	5	0.9	8	0.78	1.32
11	5	0.8	5	0.38	0.82
12	5	0.9	8	0.51	1.29
13	30	4.7	47	2.79	7.48
14	6	0.9	6	0.35	0.96
15	20	3.0	21	1.13	3.07
16	41	6.0	50	2.72	7.38
17	22	3.2	26	1.38	3.75
FEMALE	73	2.0	100	1.33	2.76
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.03	0.03
8	4	1.5	8	2.65	3.09
9	2	0.7	2	0.51	0.75
10	3	1.0	3	0.56	1.04
11	4	1.3	4	0.57	1.29
12	5	1.6	7	0.98	2.51
13	16	5.1	33	3.95	10.67
14	1	0.3	1	0.11	0.31
15	7	2.1	7	0.79	2.17
16	18	5.4	18	2.05	5.55
17	14	4.0	16	1.70	4.61
MALE	77	2.1	91	1.21	2.45
5	0	0.0	0	0.00	0.00
6	2	1.1	2	1.94	1.10
7	2	0.7	2	0.78	0.67
8	2	0.6	2	0.52	0.57
9	4	1.4	4	1.08	1.43
10	2	0.8	5	1.02	1.59
11	1	0.4	1	0.19	0.38
12	0	0.1	0	0.05	0.13
13	14	4.3	14	1.66	4.41
14	5	1.4	5	0.58	1.58
15	13	3.8	14	1.44	3.93
16	23	6.5	32	3.35	9.13
17	9	2.5	10	1.08	2.93

TABLE 94

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION II SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	139	2.2	176	1.35	2.80
5	0	0.0	0	0.00	0.00
6	2	0.6	2	1.06	0.62
7	2	0.4	2	0.44	0.39
8	6	1.2	10	1.86	2.11
9	6	1.3	6	0.93	1.28
10	5	1.0	7	0.88	1.50
11	3	0.6	3	0.27	0.58
12	5	0.9	7	0.56	1.42
13	29	5.3	45	3.08	8.37
14	4	0.7	4	0.26	0.72
15	18	3.1	18	1.12	3.11
16	39	6.8	48	2.96	8.25
17	20	3.3	23	1.39	3.89
FEMALE	68	2.2	94	1.44	3.03
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	4	1.8	8	3.10	3.61
9	2	0.9	2	0.60	0.87
10	3	1.2	3	0.65	1.21
11	3	1.2	3	0.51	1.18
12	5	1.9	7	1.13	2.91
13	15	5.7	32	4.39	12.00
14	0	0.1	0	0.05	0.13
15	6	2.0	6	0.71	1.98
16	17	6.0	17	2.16	6.01
17	13	4.5	15	1.87	5.21
MALE	71	2.2	83	1.27	2.59
5	0	0.0	0	0.00	0.00
6	2	1.3	2	2.29	1.30
7	2	0.8	2	0.91	0.78
8	2	0.7	2	0.61	0.67
9	4	1.7	4	1.28	1.67
10	2	0.9	5	1.14	1.77
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	13	4.9	13	1.81	4.86
14	4	1.3	4	0.46	1.28
15	12	4.2	12	1.52	4.20
16	22	7.5	31	3.73	10.40
17	7	2.2	8	0.94	2.61

TABLE 95

PERMANENT TEETH NEEDING CROWNS FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION II NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	11	1.1	15	0.68	1.39
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.1	0	0.12	0.11
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.3	0	0.15	0.26
11	2	2.4	2	1.09	2.35
12	0	0.5	0	0.19	0.47
13	1	1.4	2	0.74	2.00
14	2	1.9	2	0.88	2.42
15	2	2.1	3	1.03	2.84
16	1	1.3	2	0.80	2.22
17	3	2.5	3	1.08	2.98
FEMALE	5	0.9	6	0.56	1.15
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.2	0	0.23	0.22
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	2.0	1	0.89	1.98
12	0	0.0	0	0.00	0.00
13	1	1.9	1	0.89	2.42
14	1	1.4	1	0.51	1.41
15	1	2.6	2	1.20	3.33
16	1	1.7	1	1.00	2.75
17	0	1.0	0	0.36	1.00
MALE	6	1.2	9	0.79	1.61
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.5	0	0.31	0.50
11	1	2.7	1	1.30	2.71
12	0	0.9	0	0.38	0.91
13	0	0.8	1	0.60	1.59
14	1	2.3	2	1.23	3.38
15	1	1.6	1	0.87	2.40
16	0	0.9	1	0.62	1.73
17	2	4.0	3	1.76	4.84

TABLE 96

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION II

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	110	4.1	169	4.46	6.30
5	15	3.0	20	2.16	4.18
6	22	4.3	43	4.88	8.21
7	27	4.7	46	5.83	8.08
8	26	4.7	37	5.67	6.69
9	20	3.7	22	4.35	4.11
FEMALE	55	4.2	84	4.63	6.39
5	11	4.5	16	3.54	6.87
6	15	5.8	34	8.10	13.33
7	9	3.3	11	3.01	4.06
8	15	5.7	16	5.04	5.84
9	5	1.8	6	2.63	2.32
MALE	55	4.0	85	4.30	6.21
5	4	1.6	4	0.83	1.61
6	8	2.9	9	1.91	3.28
7	18	6.1	35	8.37	11.92
8	10	3.7	21	6.25	7.50
9	15	5.5	16	5.79	5.83

TABLE 97

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION II SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	95	4.1	142	3.11	6.19
5	12	2.8	15	1.30	3.51
6	18	4.0	33	3.22	7.47
7	22	4.5	39	4.11	7.89
8	24	5.0	34	4.33	7.25
9	19	4.1	21	3.18	4.53
FEMALE	46	4.1	68	3.09	6.02
5	8	4.0	11	2.05	5.57
6	12	5.6	28	5.58	12.72
7	7	3.0	8	1.88	3.50
8	14	6.1	14	3.69	6.06
9	5	2.1	6	1.93	2.60
MALE	48	4.1	75	3.13	6.36
5	3	1.5	3	0.57	1.55
6	6	2.4	6	1.03	2.43
7	15	6.1	30	6.13	12.08
8	10	4.1	20	4.93	8.38
9	14	6.0	15	4.27	6.38

TABLE 98

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION II NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	16	4.1	27	3.56	6.94
5	3	4.6	6	3.05	8.21
6	5	6.4	9	5.52	12.66
7	5	5.6	8	4.82	9.23
8	2	2.6	3	2.05	3.38
9	1	1.2	1	1.24	1.65
FEMALE	9	4.6	16	4.47	8.62
5	2	7.3	5	5.51	14.71
6	3	6.9	6	7.57	17.04
7	2	5.1	3	3.99	7.42
8	1	3.6	2	2.77	4.53
9	0	0.5	0	0.52	0.69
MALE	7	3.5	10	2.70	5.33
5	1	2.0	1	0.73	1.99
6	2	5.8	3	3.62	8.44
7	3	6.1	5	5.57	10.96
8	1	1.6	1	1.37	2.27
9	1	2.0	1	1.94	2.58

TABLE 99

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION II

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	107	1.5	125	0.83	1.70
5	0	0.0	0	0.00	0.00
6	2	0.5	2	0.90	0.53
7	0	0.0	0	0.00	0.00
8	7	1.3	13	2.05	2.32
9	6	1.1	6	0.79	1.09
10	4	0.7	6	0.64	1.09
11	4	0.8	4	0.35	0.76
12	5	0.9	8	0.51	1.29
13	23	3.6	25	1.49	4.00
14	1	0.2	2	0.10	0.27
15	16	2.4	16	0.88	2.41
16	24	3.5	27	1.44	3.91
17	14	2.1	15	0.82	2.22
FEMALE	51	1.4	62	0.83	1.72
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	6	2.1	11	3.55	4.14
9	2	0.7	2	0.51	0.75
10	2	0.6	2	0.31	0.57
11	3	1.2	3	0.51	1.15
12	5	1.6	7	0.98	2.51
13	10	3.1	12	1.41	3.81
14	0	0.1	0	0.04	0.11
15	6	1.8	6	0.70	1.90
16	8	2.3	8	0.91	2.46
17	10	2.9	10	1.08	2.93
MALE	57	1.5	63	0.83	1.68
5	0	0.0	0	0.00	0.00
6	2	1.1	2	1.94	1.10
7	0	0.0	0	0.00	0.00
8	2	0.6	2	0.52	0.57
9	4	1.4	4	1.08	1.43
10	2	0.8	5	1.02	1.59
11	1	0.4	1	0.19	0.38
12	0	0.1	0	0.05	0.13
13	13	4.2	13	1.57	4.19
14	1	0.3	1	0.16	0.43
15	10	2.9	10	1.06	2.90
16	16	4.7	18	1.94	5.29
17	4	1.2	5	0.56	1.53

TABLE 100

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION II SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	100	1.6	115	0.89	1.84
5	0	0.0	0	0.00	0.00
6	2	0.6	2	1.06	0.62
7	0	0.0	0	0.00	0.00
8	7	1.5	13	2.39	2.71
9	6	1.3	6	0.93	1.28
10	4	0.8	6	0.72	1.23
11	3	0.6	3	0.27	0.58
12	5	0.9	7	0.56	1.42
13	22	4.1	24	1.66	4.50
14	0	0.1	0	0.02	0.06
15	14	2.5	14	0.89	2.48
16	23	4.0	25	1.55	4.32
17	13	2.1	14	0.84	2.34
FEMALE	47	1.5	58	0.88	1.86
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	6	2.4	11	4.15	4.84
9	2	0.9	2	0.60	0.87
10	2	0.7	2	0.35	0.66
11	3	1.2	3	0.51	1.18
12	5	1.9	7	1.13	2.91
13	9	3.3	11	1.50	4.11
14	0	0.1	0	0.05	0.13
15	5	1.7	5	0.60	1.66
16	7	2.5	7	0.91	2.52
17	9	3.3	9	1.17	3.26
MALE	52	1.6	58	0.89	1.81
5	0	0.0	0	0.00	0.00
6	2	1.3	2	2.29	1.30
7	0	0.0	0	0.00	0.00
8	2	0.7	2	0.61	0.67
9	4	1.7	4	1.28	1.67
10	2	0.9	5	1.14	1.77
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	13	4.9	13	1.81	4.86
14	0	0.0	0	0.00	0.00
15	10	3.3	10	1.18	3.26
16	16	5.3	18	2.17	6.05
17	3	1.1	4	0.52	1.45

TABLE 101

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION II NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	8	0.8	9	0.43	0.89
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.3	0	0.15	0.26
11	1	1.9	1	0.87	1.87
12	0	0.5	0	0.19	0.47
13	1	1.0	1	0.35	0.95
14	1	1.0	1	0.57	1.58
15	2	1.7	2	0.73	2.01
16	1	1.0	1	0.53	1.45
17	1	1.5	1	0.54	1.49
FEMALE	3	0.7	4	0.40	0.83
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	1.0	0	0.44	0.99
12	0	0.0	0	0.00	0.00
13	1	1.9	1	0.71	1.94
14	0	0.0	0	0.00	0.00
15	1	2.6	2	1.20	3.33
16	0	1.0	1	0.76	2.09
17	0	1.0	0	0.36	1.00
MALE	5	0.8	5	0.46	0.94
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.5	0	0.31	0.50
11	1	2.7	1	1.30	2.71
12	0	0.9	0	0.38	0.91
13	0	0.0	0	0.00	0.00
14	1	2.0	1	1.12	3.09
15	0	0.8	0	0.29	0.80
16	0	0.9	0	0.31	0.87
17	1	2.0	1	0.71	1.95

TABLE 102

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 REGION II

AGE	PER CENT SCORED 0	PER CENT SCORED 1	PER CENT SCORED 2	PER CENT SCORED 3	PER CENT SCORED 4	PER CENT * UNSCORED *
BOTH	9.17	68.42	19.87	1.85	0.41	0.28
5	38.17	51.19	9.67	0.00	0.10	0.88
6	14.96	75.36	8.67	0.27	0.44	0.31
7	8.81	73.94	16.31	0.35	0.51	0.08
8	7.77	72.29	18.53	1.25	0.12	0.04
9	4.78	73.77	18.67	1.91	0.55	0.32
10	6.38	68.94	23.11	0.75	0.30	0.51
11	3.56	62.17	30.67	3.28	0.32	0.00
12	5.14	62.79	28.48	2.44	0.49	0.65
13	6.22	64.24	24.15	3.85	0.93	0.61
14	6.92	71.83	18.61	2.64	0.00	0.00
15	8.81	66.22	22.30	2.06	0.61	0.00
16	6.57	72.04	18.72	2.44	0.05	0.19
17	7.38	72.23	17.45	1.91	0.79	0.23
FEMALE	8.66	71.31	17.48	1.43	0.64	0.48
5	31.09	57.91	9.21	0.00	0.00	1.79
6	14.57	76.46	7.80	0.54	0.00	0.63
7	8.26	74.44	16.09	0.00	1.05	0.16
8	8.78	72.49	16.99	1.57	0.17	0.00
9	5.23	74.96	16.74	1.29	1.12	0.66
10	5.18	72.76	20.42	0.09	0.57	0.99
11	4.94	64.58	25.60	4.34	0.55	0.00
12	3.25	67.49	23.88	3.38	0.92	1.08
13	6.05	65.01	22.27	3.70	1.82	1.15
14	6.52	78.18	14.90	0.40	0.00	0.00
15	11.30	66.72	20.25	1.50	0.22	0.00
16	5.27	76.08	16.93	1.37	0.10	0.25
17	7.13	77.00	14.04	0.22	1.61	0.00
MALE	9.66	65.66	22.15	2.26	0.18	0.09
5	44.93	44.76	10.12	0.00	0.19	0.00
6	15.33	74.30	9.51	0.00	0.86	0.00
7	9.33	73.47	16.51	0.69	0.00	0.00
8	6.80	72.10	20.00	0.93	0.08	0.08
9	4.34	72.62	20.52	2.51	0.00	0.00
10	7.53	65.30	25.69	1.39	0.05	0.05
11	2.24	59.86	35.54	2.26	0.09	0.00
12	6.96	58.30	32.87	1.55	0.08	0.24
13	6.38	63.50	25.96	4.00	0.08	0.09
14	7.29	65.75	22.17	4.79	0.00	0.00
15	6.45	65.74	24.24	2.60	0.97	0.00
16	7.80	68.17	20.44	3.45	0.00	0.13
17	7.63	67.63	20.75	3.54	0.00	0.45

* SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

REGION III

MAP

REGIONAL PROFILE

TREATMENT NEEDS BY DEMOGRAPHIC VARIABLES

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Figure 8

Region III

The Region III sample included 23 school districts containing 85 schools [77 public, 8 private] located in 26 communities in five of the eight states. The data for Region III are based on the dental examinations of 5,484 school children.

TABLE 103

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION III

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	2,816	24.8	7,720	33.60	67.96
5	8	3.2	13	15.46	5.41
6	53	7.7	96	24.57	13.90
7	146	16.6	274	34.03	31.14
8	180	20.7	346	35.10	39.66
9	183	21.2	423	36.02	49.20
10	181	20.5	490	32.87	55.48
11	211	24.1	602	31.82	68.83
12	230	25.4	574	25.73	63.36
13	294	30.5	811	32.10	84.30
14	342	33.4	1,023	36.98	99.99
15	356	34.0	1,095	38.31	104.62
16	312	29.7	1,013	35.30	96.35
17	320	29.9	959	33.09	89.63
FEMALE	1,380	24.8	3,818	33.43	68.75
5	3	3.1	3	9.40	3.05
6	35	10.2	65	30.71	18.90
7	71	16.6	138	33.31	32.12
8	108	25.4	184	36.46	43.10
9	95	22.5	216	35.50	51.33
10	78	18.2	258	33.56	59.68
11	122	28.5	393	41.26	91.67
12	119	26.8	316	28.73	71.36
13	143	30.2	409	32.69	86.66
14	169	33.7	461	34.03	92.08
15	154	30.4	489	35.01	96.11
16	137	26.7	443	31.70	86.41
17	145	27.6	442	31.08	84.33
MALE	1,436	24.7	3,902	33.77	67.20
5	4	3.3	10	19.91	7.39
6	18	5.3	31	17.36	8.97
7	74	16.6	135	34.80	30.20
8	72	16.1	162	33.68	36.38
9	88	20.0	207	36.57	47.16
10	103	22.8	232	32.13	51.47
11	89	20.0	209	22.26	46.90
12	111	24.0	258	22.81	55.71
13	151	30.9	402	31.52	82.03
14	174	33.2	562	39.81	107.57
15	201	37.3	607	41.44	112.65
16	175	32.6	570	38.73	105.80
17	175	32.1	517	35.04	94.73

TABLE 104

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION III SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	2,064	25.1	5,686	33.72	69.10
5	6	3.3	11	16.33	5.80
6	46	9.1	87	30.53	17.09
7	110	17.3	207	34.96	32.46
8	142	22.6	278	38.76	44.11
9	141	22.7	342	39.78	54.92
10	133	20.9	383	35.15	59.93
11	146	23.0	445	32.36	70.47
12	161	24.6	400	24.64	61.12
13	214	30.8	586	31.43	84.31
14	251	34.0	786	38.55	106.45
15	271	36.0	835	39.93	110.76
16	214	28.1	650	30.69	85.67
17	228	29.5	678	31.60	87.82
FEMALE	1,021	25.3	2,877	34.25	71.44
5	3	2.9	3	8.99	2.94
6	31	12.3	59	39.26	23.90
7	55	17.8	107	35.22	34.61
8	88	28.4	146	39.66	47.23
9	72	23.6	167	37.52	54.67
10	53	16.8	195	34.92	62.31
11	88	28.3	308	44.28	99.42
12	93	28.9	259	32.43	80.86
13	107	31.2	311	33.63	91.16
14	126	34.9	366	36.58	101.19
15	108	29.1	319	31.05	86.42
16	98	26.3	299	28.75	80.21
17	101	26.6	338	31.99	88.76
MALE	1,044	24.8	2,809	33.19	66.87
5	4	3.7	8	21.68	8.23
6	16	6.1	28	20.63	10.59
7	55	17.0	99	34.69	30.43
8	55	17.0	132	37.82	41.12
9	69	21.8	175	42.20	55.16
10	81	24.8	188	35.38	57.65
11	58	17.9	137	20.17	42.61
12	68	20.5	141	17.08	42.18
13	108	30.5	274	29.26	77.67
14	125	33.1	420	40.44	111.50
15	163	42.6	515	48.52	134.17
16	116	29.9	351	32.57	90.92
17	126	32.3	340	31.22	86.91

TABLE 105

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION III NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	752	24.0	2,034	31.63	64.94
5	1	2.8	2	11.89	3.99
6	7	3.8	9	8.64	5.04
7	35	14.6	67	31.33	27.67
8	38	15.7	68	25.25	28.06
9	41	17.4	82	25.73	34.25
10	48	19.5	107	26.47	43.86
11	66	27.0	157	29.91	64.57
12	69	27.3	174	27.74	69.20
13	80	29.8	226	31.67	84.28
14	91	32.1	237	30.43	83.27
15	85	28.8	261	32.10	88.85
16	99	33.7	363	44.56	124.02
17	92	31.0	281	33.86	94.33
FEMALE	359	23.5	941	29.61	61.65
5	1	3.5	1	11.01	3.50
6	4	4.7	6	9.22	5.84
7	16	13.6	31	28.05	25.74
8	21	17.5	38	27.74	32.27
9	23	19.7	49	29.95	42.57
10	26	21.7	63	29.64	52.77
11	34	28.8	85	32.32	71.45
12	26	21.2	57	18.29	46.47
13	36	27.5	98	27.83	74.90
14	42	30.5	95	24.86	68.40
15	47	33.8	169	43.90	121.89
16	39	27.8	144	37.02	102.88
17	44	30.3	104	26.06	72.60
MALE	393	24.5	1,093	33.60	68.07
5	1	2.2	1	12.53	4.38
6	2	2.8	4	7.89	4.17
7	19	15.7	36	34.85	29.59
8	17	13.9	30	22.64	24.03
9	19	15.3	32	21.12	26.30
10	22	17.4	44	23.00	35.40
11	31	25.3	72	27.50	58.01
12	43	33.1	117	37.07	90.82
13	44	31.9	127	35.43	93.28
14	49	33.5	142	35.79	97.42
15	38	24.3	91	21.43	59.17
16	60	39.2	219	51.47	143.45
17	49	31.6	177	41.09	114.52

TABLE 106

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION III

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	1,387	32.9	5,165	86.15	122.62
5	277	36.1	932	63.15	121.47
6	250	30.6	932	66.30	113.75
7	305	33.9	1,227	97.81	136.27
8	279	32.0	1,074	105.41	123.29
9	276	32.3	1,000	119.00	117.07
FEMALE	648	31.5	2,324	81.57	112.98
5	136	36.2	426	58.60	113.61
6	100	24.9	401	59.41	99.83
7	152	34.7	595	100.30	135.22
8	129	30.3	454	95.44	106.41
9	131	31.5	449	118.32	108.31
MALE	739	34.3	2,841	90.30	131.82
5	141	35.9	506	67.57	128.98
6	150	36.0	531	72.67	127.14
7	153	33.2	632	95.57	137.27
8	150	33.6	620	114.12	139.47
9	145	33.0	551	119.55	125.34

TABLE 107

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION III SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	1,037	34.0	3,865	63.97	126.68
5	216	38.7	687	45.98	123.21
6	188	31.5	704	50.96	118.31
7	220	33.7	906	73.32	138.84
8	210	33.3	815	77.83	129.36
9	204	33.1	753	85.26	122.28
FEMALE	491	33.0	1,732	59.82	116.22
5	111	40.7	319	43.42	117.05
6	70	24.0	273	41.06	93.71
7	112	35.0	444	75.56	139.38
8	100	32.5	345	69.56	111.94
9	98	32.9	350	85.39	117.13
MALE	545	34.9	2,133	67.79	136.67
5	105	36.7	368	48.47	129.10
6	118	38.8	430	60.18	142.00
7	108	32.5	461	71.29	138.32
8	109	34.0	470	85.28	146.08
9	106	33.3	404	85.15	127.11

TABLE 108

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION III NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	350	30.2	1,300	55.82	111.95
5	61	29.1	245	43.00	116.86
6	63	28.0	228	43.72	101.68
7	85	34.4	321	66.85	129.50
8	69	28.7	259	63.63	107.46
9	72	30.2	247	70.52	103.59
FEMALE	157	27.7	592	53.50	104.46
5	25	24.1	107	38.27	104.43
6	30	27.4	127	51.53	116.08
7	41	33.7	150	66.00	124.23
8	29	24.5	108	56.18	91.95
9	33	28.1	100	62.12	85.65
MALE	193	32.5	708	57.91	119.10
5	36	33.9	138	47.53	128.69
6	33	28.6	101	36.69	87.90
7	45	35.2	171	67.63	134.51
8	40	32.7	151	70.33	122.27
9	39	32.2	147	77.64	120.73

TABLE 109

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION III

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	128	1.1	230	1.00	2.02
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.2	2	0.19	0.22
9	0	0.0	0	0.00	0.00
10	7	0.8	9	0.63	1.06
11	1	0.1	1	0.04	0.09
12	9	1.0	13	0.60	1.49
13	20	2.1	41	1.61	4.22
14	12	1.2	21	0.77	2.08
15	10	1.0	11	0.39	1.07
16	21	2.0	22	0.76	2.08
17	46	4.3	109	3.77	10.21
FEMALE	79	1.4	165	1.45	2.98
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	4	0.9	4	0.51	0.91
11	1	0.2	1	0.08	0.18
12	6	1.3	10	0.87	2.16
13	11	2.4	31	2.45	6.50
14	6	1.1	7	0.50	1.36
15	7	1.4	7	0.52	1.42
16	8	1.5	9	0.64	1.73
17	37	7.0	97	6.85	18.59
MALE	49	0.8	64	0.56	1.11
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.4	2	0.40	0.43
9	0	0.0	0	0.00	0.00
10	3	0.7	5	0.75	1.21
11	0	0.0	0	0.00	0.00
12	3	0.6	4	0.35	0.85
13	8	1.7	10	0.78	2.03
14	7	1.2	14	1.02	2.76
15	3	0.5	4	0.27	0.73
16	13	2.4	13	0.88	2.41
17	10	1.8	12	0.80	2.16

TABLE 110

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION III SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	93	1.1	178	1.05	2.16
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.3	2	0.27	0.30
9	0	0.0	0	0.00	0.00
10	7	1.1	9	0.86	1.47
11	1	0.1	1	0.06	0.12
12	5	0.8	7	0.46	1.14
13	13	1.8	32	1.71	4.58
14	3	0.4	3	0.16	0.45
15	4	0.6	4	0.21	0.59
16	14	1.8	14	0.64	1.79
17	44	5.7	105	4.90	13.61
FEMALE	67	1.7	150	1.78	3.71
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	4	1.3	4	0.70	1.26
11	1	0.2	1	0.11	0.25
12	4	1.2	6	0.78	1.94
13	9	2.6	28	3.03	8.23
14	3	0.9	3	0.33	0.91
15	4	1.2	4	0.44	1.21
16	5	1.4	5	0.51	1.42
17	37	9.7	97	9.22	25.60
MALE	26	0.6	28	0.33	0.67
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.6	2	0.55	0.59
9	0	0.0	0	0.00	0.00
10	3	1.0	5	1.03	1.67
11	0	0.0	0	0.00	0.00
12	1	0.4	1	0.15	0.38
13	4	1.0	4	0.39	1.05
14	0	0.0	0	0.00	0.00
15	0	0.0	0	0.00	0.00
16	8	2.2	8	0.77	2.15
17	8	1.9	8	0.70	1.94

TABLE 111

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION III NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	35	1.1	52	0.81	1.66
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	4	1.4	6	0.96	2.39
13	7	2.7	9	1.24	3.31
14	9	3.1	18	2.30	6.31
15	6	1.9	7	0.83	2.29
16	7	2.4	8	1.01	2.82
17	2	0.7	4	0.51	1.41
FEMALE	12	0.8	16	0.50	1.04
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	2	1.5	3	1.08	2.74
13	3	2.0	3	0.74	1.98
14	2	1.7	4	0.92	2.54
15	3	2.0	3	0.72	1.99
16	2	1.7	4	0.92	2.57
17	0	0.0	0	0.00	0.00
MALE	22	1.4	36	1.11	2.25
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	2	1.3	3	0.84	2.05
13	5	3.4	6	1.74	4.58
14	7	4.5	14	3.64	9.90
15	3	1.9	4	0.93	2.56
16	5	3.1	5	1.10	3.06
17	2	1.4	4	0.98	2.72

TABLE 112

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION III

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	245	5.8	379	6.32	9.00
5	18	2.4	28	1.92	3.69
6	44	5.4	62	4.38	7.51
7	55	6.2	86	6.84	9.52
8	58	6.7	90	8.79	10.28
9	69	8.1	114	13.55	13.33
FEMALE	115	5.6	166	5.84	8.09
5	9	2.4	9	1.25	2.43
6	24	6.1	27	4.07	6.84
7	15	3.4	27	4.55	6.14
8	31	7.4	42	8.82	9.84
9	36	8.6	61	16.05	14.69
MALE	129	6.0	213	6.76	9.86
5	9	2.3	19	2.56	4.89
6	20	4.7	34	4.66	8.15
7	41	8.8	59	8.88	12.76
8	27	6.0	48	8.76	10.71
9	34	7.6	53	11.48	12.04

TABLE 113

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION III SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	176	5.8	276	4.57	9.05
5	14	2.4	22	1.47	3.93
6	36	6.1	51	3.68	8.54
7	43	6.5	64	5.20	9.85
8	42	6.7	68	6.51	10.82
9	42	6.8	71	8.04	11.53
FEMALE	79	5.3	114	3.95	7.68
5	7	2.6	7	0.98	2.64
6	18	6.2	18	2.70	6.16
7	12	3.8	18	3.09	5.71
8	19	6.1	26	5.18	8.33
9	23	7.8	45	11.08	15.19
MALE	97	6.2	162	5.14	10.37
5	6	2.2	15	1.94	5.17
6	18	6.1	33	4.59	10.83
7	31	9.2	46	7.12	13.82
8	23	7.3	42	7.71	13.20
9	18	5.8	26	5.42	8.09

TABLE 114

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION III NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	69	5.9	103	4.41	8.85
5	5	2.2	6	1.11	3.03
6	8	3.4	11	2.06	4.79
7	13	5.2	21	4.47	8.66
8	16	6.6	21	5.26	8.89
9	28	11.6	43	12.23	17.97
FEMALE	36	6.4	52	4.70	9.18
5	2	1.9	2	0.68	1.86
6	6	5.8	10	3.85	8.67
7	3	2.3	9	3.86	7.27
8	13	10.7	16	8.43	13.79
9	13	10.8	16	9.72	13.40
MALE	32	5.5	51	4.15	8.54
5	3	2.5	4	1.53	4.14
6	1	1.1	1	0.45	1.08
7	10	7.9	13	5.02	9.98
8	3	2.6	5	2.42	4.21
9	15	12.5	27	14.36	22.33

TABLE 115

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION III

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	223	2.0	378	1.65	3.33
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.2	2	0.19	0.22
9	1	0.2	1	0.11	0.16
10	16	1.8	20	1.35	2.27
11	3	0.3	3	0.15	0.33
12	9	1.0	13	0.57	1.41
13	33	3.4	57	2.24	5.88
14	42	4.1	49	1.77	4.78
15	45	4.3	69	2.41	6.58
16	22	2.1	27	0.94	2.57
17	50	4.6	138	4.75	12.86
FEMALE	119	2.1	218	1.91	3.92
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.4	2	0.37	0.44
9	1	0.3	1	0.22	0.32
10	10	2.3	12	1.61	2.86
11	1	0.2	1	0.08	0.18
12	6	1.4	8	0.72	1.78
13	17	3.7	39	3.10	8.23
14	22	4.3	24	1.77	4.79
15	22	4.4	28	2.02	5.55
16	6	1.2	9	0.64	1.74
17	31	5.9	93	6.56	17.81
MALE	104	1.8	160	1.39	2.76
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	6	1.3	8	1.07	1.72
11	2	0.5	2	0.23	0.47
12	3	0.6	5	0.43	1.06
13	15	3.1	18	1.39	3.62
14	21	4.0	25	1.77	4.77
15	23	4.3	41	2.77	7.54
16	16	2.9	18	1.23	3.37
17	18	3.4	44	3.00	8.11

TABLE 116

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION III SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	172	2.1	306	1.81	3.72
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.3	2	0.26	0.30
9	1	0.2	1	0.16	0.22
10	13	2.1	18	1.63	2.79
11	1	0.1	1	0.06	0.12
12	4	0.6	4	0.23	0.57
13	25	3.6	46	2.48	6.66
14	37	5.1	41	2.02	5.57
15	33	4.3	52	2.51	6.96
16	11	1.4	11	0.50	1.38
17	46	5.9	130	6.06	16.84
FEMALE	100	2.5	189	2.25	4.69
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.6	2	0.51	0.61
9	1	0.4	1	0.30	0.44
10	10	3.2	12	2.21	3.94
11	1	0.2	1	0.11	0.25
12	4	1.2	4	0.47	1.17
13	16	4.6	37	4.01	10.88
14	19	5.3	19	1.91	5.30
15	16	4.2	19	1.82	5.07
16	2	0.6	2	0.21	0.59
17	30	7.8	92	8.67	24.04
MALE	72	1.7	117	1.38	2.78
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	3	1.0	5	1.03	1.67
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	9	2.6	9	0.97	2.58
14	18	4.9	22	2.12	5.83
15	17	4.4	34	3.17	8.77
16	8	2.1	8	0.77	2.15
17	16	4.1	38	3.53	9.82

TABLE 117

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION III NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	50	1.6	72	1.12	2.30
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	2	0.9	2	0.57	0.94
11	2	0.9	2	0.40	0.87
12	6	2.2	9	1.44	3.60
13	8	2.9	10	1.45	3.85
14	5	1.7	8	1.00	2.73
15	12	4.2	16	2.02	5.59
16	11	3.8	17	2.03	5.65
17	4	1.3	8	0.93	2.58
FEMALE	19	1.2	29	0.90	1.88
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	3	2.2	4	1.33	3.38
13	2	1.3	2	0.48	1.29
14	2	1.7	5	1.26	3.46
15	7	4.8	9	2.46	6.83
16	4	2.8	7	1.72	4.77
17	1	1.0	2	0.46	1.29
MALE	31	2.0	44	1.34	2.71
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	2	1.8	2	1.19	1.83
11	2	1.7	2	0.81	1.70
12	3	2.2	5	1.55	3.80
13	6	4.5	9	2.39	6.30
14	2	1.7	3	0.75	2.04
15	6	3.8	7	1.62	4.48
16	7	4.8	10	2.32	6.46
17	2	1.6	6	1.35	3.77

TABLE 118

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION III

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	196	1.7	235	1.02	2.07
5	1	0.3	1	1.48	0.52
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	4	0.5	9	0.88	0.99
9	18	2.1	23	1.99	2.71
10	7	0.8	9	0.58	0.98
11	8	0.9	8	0.40	0.87
12	16	1.8	17	0.76	1.87
13	31	3.2	31	1.21	3.18
14	35	3.4	38	1.37	3.72
15	15	1.4	23	0.80	2.19
16	28	2.7	39	1.37	3.74
17	33	3.1	38	1.30	3.52
FEMALE	109	2.0	126	1.10	2.26
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.4	4	0.75	0.88
9	3	0.6	7	1.10	1.58
10	6	1.5	8	0.99	1.76
11	6	1.5	6	0.67	1.49
12	10	2.3	10	0.94	2.33
13	15	3.2	15	1.20	3.17
14	20	3.9	20	1.44	3.90
15	1	0.3	1	0.10	0.26
16	18	3.6	26	1.89	5.17
17	28	5.3	29	2.01	5.45
MALE	86	1.5	109	0.95	1.88
5	1	0.5	1	2.57	0.95
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.5	5	1.02	1.10
9	16	3.6	17	2.95	3.80
10	1	0.2	1	0.15	0.23
11	1	0.3	1	0.13	0.27
12	6	1.3	7	0.59	1.43
13	16	3.2	16	1.23	3.19
14	15	2.9	19	1.31	3.54
15	13	2.5	22	1.48	4.01
16	10	1.9	13	0.87	2.37
17	5	1.0	9	0.61	1.66

TABLE 119

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION III SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	156	1.9	183	1.08	2.22
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.3	4	0.52	0.60
9	15	2.3	15	1.70	2.34
10	4	0.6	4	0.35	0.61
11	4	0.6	4	0.30	0.65
12	10	1.6	10	0.63	1.56
13	21	3.1	21	1.15	3.09
14	31	4.2	34	1.69	4.67
15	13	1.7	21	1.01	2.81
16	24	3.2	33	1.54	4.29
17	32	4.1	36	1.70	4.72
FEMALE	94	2.3	105	1.25	2.61
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.6	4	1.02	1.22
9	0	0.0	0	0.00	0.00
10	4	1.2	4	0.69	1.24
11	4	1.3	4	0.59	1.32
12	9	2.7	9	1.10	2.74
13	15	4.4	15	1.62	4.39
14	16	4.4	16	1.59	4.41
15	0	0.0	0	0.00	0.00
16	18	4.9	26	2.55	7.11
17	26	6.9	27	2.59	7.17
MALE	62	1.5	77	0.91	1.84
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	15	4.6	15	3.51	4.59
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	1	0.4	1	0.18	0.43
13	6	1.8	6	0.69	1.83
14	15	4.0	19	1.78	4.91
15	13	3.4	21	1.99	5.51
16	6	1.6	6	0.56	1.57
17	5	1.4	9	0.83	2.32

TABLE 120

PERMANENT TEETH NEEDING CROWNS FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION III NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	39	1.3	52	0.81	1.67
5	1	1.2	1	7.24	2.43
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	1.0	5	1.83	2.03
9	4	1.5	9	2.77	3.68
10	4	1.4	5	1.18	1.96
11	3	1.4	3	0.67	1.44
12	6	2.4	7	1.07	2.67
13	9	3.4	9	1.29	3.42
14	4	1.3	4	0.46	1.25
15	2	0.6	2	0.22	0.60
16	4	1.4	7	0.82	2.30
17	1	0.4	1	0.15	0.42
FEMALE	15	1.0	20	0.64	1.34
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	3	2.2	7	4.04	5.74
10	2	2.1	4	1.76	3.14
11	2	1.9	2	0.87	1.92
12	2	1.2	2	0.49	1.25
13	0	0.0	0	0.00	0.00
14	4	2.6	4	0.93	2.57
15	1	1.0	1	0.35	0.97
16	0	0.0	0	0.00	0.00
17	1	0.9	1	0.32	0.88
MALE	24	1.5	32	0.98	1.99
5	1	2.2	1	12.53	4.38
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	1.9	5	3.74	3.97
9	1	0.9	2	1.38	1.72
10	1	0.8	1	0.55	0.84
11	1	1.0	1	0.46	0.98
12	4	3.4	5	1.64	4.02
13	9	6.7	9	2.55	6.71
14	0	0.0	0	0.00	0.00
15	0	0.3	0	0.10	0.28
16	4	2.6	7	1.58	4.41
17	0	0.0	0	0.00	0.00

TABLE 121

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION III

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	229	5.4	364	6.08	8.65
5	37	4.8	51	3.46	6.66
6	39	4.7	73	5.17	8.86
7	61	6.8	91	7.26	10.11
8	44	5.0	80	7.87	9.21
9	49	5.7	69	8.25	8.11
FEMALE	97	4.7	148	5.21	7.21
5	21	5.5	26	3.56	6.90
6	22	5.4	37	5.44	9.14
7	25	5.7	30	5.04	6.80
8	15	3.4	39	8.25	9.20
9	15	3.7	17	4.38	4.01
MALE	132	6.1	216	6.86	10.02
5	16	4.1	25	3.37	6.43
6	17	4.1	36	4.91	8.60
7	36	7.9	61	9.25	13.28
8	29	6.5	41	7.54	9.22
9	33	7.6	53	11.43	11.98

TABLE 122

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION III SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	157	5.2	253	4.19	8.30
5	26	4.7	32	2.13	5.71
6	26	4.3	52	3.79	8.81
7	43	6.6	66	5.32	10.07
8	29	4.6	56	5.39	8.95
9	33	5.3	47	5.30	7.61
FEMALE	69	4.6	109	3.76	7.30
5	15	5.5	17	2.27	6.11
6	16	5.4	30	4.45	10.15
7	16	5.0	16	2.74	5.05
8	11	3.4	33	6.75	10.86
9	12	3.9	13	3.15	4.32
MALE	88	5.7	144	4.59	9.26
5	11	3.9	15	2.00	5.33
6	10	3.3	23	3.19	7.52
7	27	8.1	50	7.67	14.88
8	19	5.8	23	4.16	7.13
9	21	6.7	34	7.16	10.69

TABLE 123

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION III NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	72	6.2	111	4.77	9.56
5	11	5.0	19	3.38	9.18
6	13	5.8	20	3.87	9.01
7	18	7.3	25	5.28	10.23
8	14	6.0	24	5.84	9.86
9	16	6.7	22	6.42	9.43
FEMALE	28	5.0	40	3.57	6.98
5	6	5.6	9	3.30	9.02
6	6	5.5	7	2.86	6.45
7	9	7.3	14	6.07	11.43
8	4	3.5	6	2.96	4.84
9	4	3.2	4	2.34	3.22
MALE	43	7.3	71	5.85	12.03
5	5	4.5	10	3.45	9.34
6	7	6.1	13	4.78	11.45
7	9	7.3	12	4.57	9.09
8	10	8.3	18	8.43	14.65
9	12	9.9	19	9.87	15.35

TABLE 124

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION III

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	119	1.1	150	0.65	1.32
5	1	0.3	1	1.48	0.52
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	4	0.5	7	0.69	0.78
9	11	1.3	16	1.37	1.87
10	5	0.6	6	0.43	0.72
11	5	0.6	5	0.27	0.58
12	10	1.1	25	1.13	2.78
13	22	2.3	22	0.89	2.33
14	15	1.5	15	0.55	1.50
15	15	1.4	15	0.52	1.41
16	12	1.1	16	0.56	1.54
17	19	1.8	20	0.70	1.89
FEMALE	68	1.2	92	0.80	1.65
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.4	2	0.37	0.44
9	3	0.6	7	1.10	1.58
10	5	1.2	6	0.83	1.48
11	1	0.2	1	0.11	0.24
12	6	1.3	21	1.88	4.66
13	15	3.2	15	1.20	3.17
14	15	3.1	15	1.13	3.06
15	1	0.3	1	0.10	0.26
16	5	1.1	8	0.59	1.61
17	14	2.7	15	1.05	2.85
MALE	52	0.9	58	0.50	1.00
5	1	0.5	1	2.57	0.95
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.5	5	1.02	1.10
9	8	1.9	9	1.66	2.14
10	0	0.0	0	0.00	0.00
11	4	0.9	4	0.43	0.91
12	4	0.8	5	0.40	0.99
13	7	1.5	7	0.58	1.51
14	0	0.0	0	0.00	0.00
15	13	2.5	13	0.92	2.49
16	7	1.2	8	0.54	1.46
17	5	1.0	5	0.36	0.97

TABLE 125

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION III SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	90	1.1	94	0.56	1.14
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.3	2	0.26	0.30
9	7	1.2	7	0.85	1.17
10	4	0.6	4	0.35	0.61
11	3	0.5	3	0.21	0.45
12	4	0.6	4	0.25	0.61
13	17	2.4	17	0.90	2.42
14	12	1.6	12	0.58	1.59
15	13	1.7	13	0.62	1.72
16	9	1.2	12	0.57	1.60
17	19	2.5	20	0.94	2.62
FEMALE	55	1.4	58	0.69	1.45
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.6	2	0.51	0.61
9	0	0.0	0	0.00	0.00
10	4	1.2	4	0.69	1.24
11	0	0.0	0	0.00	0.00
12	3	0.8	3	0.32	0.80
13	15	4.4	15	1.62	4.39
14	12	3.3	12	1.18	3.25
15	0	0.0	0	0.00	0.00
16	5	1.5	8	0.80	2.22
17	14	3.7	15	1.42	3.93
MALE	36	0.8	36	0.42	0.85
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	7	2.3	7	1.76	2.30
10	0	0.0	0	0.00	0.00
11	3	0.9	3	0.42	0.89
12	1	0.4	1	0.18	0.43
13	2	0.5	2	0.19	0.52
14	0	0.0	0	0.00	0.00
15	13	3.4	13	1.22	3.38
16	4	1.0	4	0.36	1.00
17	5	1.4	5	0.49	1.35

TABLE 126

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION III NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	29	0.9	56	0.87	1.78
5	1	1.2	1	7.24	2.43
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	1.0	5	1.83	2.03
9	4	1.5	9	2.77	3.68
10	1	0.5	3	0.62	1.03
11	2	0.9	2	0.43	0.92
12	6	2.2	21	3.38	8.44
13	6	2.1	6	0.78	2.08
14	4	1.3	4	0.46	1.25
15	2	0.6	2	0.22	0.60
16	3	0.9	4	0.50	1.38
17	0	0.0	0	0.00	0.00
FEMALE	13	0.9	33	1.05	2.18
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	3	2.2	7	4.04	5.74
10	1	1.1	3	1.19	2.11
11	1	0.9	1	0.39	0.86
12	3	2.7	18	5.81	14.77
13	0	0.0	0	0.00	0.00
14	4	2.6	4	0.93	2.57
15	1	1.0	1	0.35	0.97
16	0	0.0	0	0.00	0.00
17	0	0.0	0	0.00	0.00
MALE	16	1.0	23	0.70	1.41
5	1	2.2	1	12.53	4.38
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	1.9	5	3.74	3.97
9	1	0.9	2	1.38	1.72
10	0	0.0	0	0.00	0.00
11	1	1.0	1	0.46	0.98
12	2	1.8	3	0.99	2.42
13	6	4.1	6	1.55	4.08
14	0	0.0	0	0.00	0.00
15	0	0.3	0	0.10	0.28
16	3	1.8	4	0.95	2.65
17	0	0.0	0	0.00	0.00

TABLE 127

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 REGION III

AGE	PER CENT SCORED 0	PER CENT SCORED 1	PER CENT SCORED 2	PER CENT SCORED 3	PER CENT SCORED 4	PER CENT * UNSCORED
BOTH	3.15	61.26	30.42	3.89	0.96	0.32
5	5.10	84.70	9.91	0.21	0.00	0.08
6	2.33	75.11	20.75	1.57	0.24	0.00
7	1.61	57.98	37.60	2.03	0.61	0.18
8	2.51	58.94	35.93	1.76	0.86	0.00
9	0.75	55.71	36.44	4.95	1.12	1.03
10	0.93	58.77	35.81	2.80	0.82	0.87
11	1.23	57.47	35.92	4.37	0.63	0.38
12	2.25	54.90	37.26	5.40	0.19	0.00
13	3.28	57.94	32.20	4.13	2.36	0.08
14	5.79	54.51	32.26	5.45	2.00	0.00
15	5.74	60.66	25.01	6.03	1.65	0.91
16	4.63	59.13	30.34	5.23	0.52	0.15
17	3.61	65.67	24.45	4.88	1.02	0.38
FEMALE	3.02	63.93	28.40	3.54	0.93	0.19
5	4.09	84.74	11.00	0.00	0.00	0.16
6	1.67	76.72	19.59	1.52	0.50	0.00
7	0.93	53.67	42.64	1.51	1.25	0.00
8	2.96	61.86	34.70	0.48	0.00	0.00
9	0.55	60.34	30.59	6.07	2.29	0.16
10	0.96	60.33	35.65	2.30	0.47	0.29
11	1.60	56.94	34.55	4.94	1.18	0.78
12	2.49	58.07	32.06	7.29	0.09	0.00
13	3.21	63.17	29.45	2.32	1.69	0.16
14	5.66	65.99	21.61	6.11	0.63	0.00
15	4.49	61.42	25.89	4.61	2.70	0.88
16	4.75	63.92	26.43	4.43	0.46	0.00
17	4.55	67.13	24.53	3.22	0.56	0.00
MALE	3.27	58.72	32.36	4.23	0.99	0.44
5	6.07	84.66	8.87	0.41	0.00	0.00
6	2.96	73.56	21.87	1.62	0.00	0.00
7	2.25	62.10	32.78	2.53	0.00	0.34
8	2.08	56.14	37.10	3.00	1.48	0.00
9	0.95	51.26	42.05	3.88	0.00	1.86
10	0.91	57.28	35.96	3.29	1.15	1.42
11	0.88	57.98	37.24	3.81	0.10	0.00
12	2.03	51.85	42.25	3.60	0.28	0.00
13	3.34	52.90	34.86	5.89	3.01	0.00
14	5.91	43.50	42.46	4.81	3.31	0.00
15	6.92	59.93	24.17	7.37	0.66	0.94
16	4.52	54.58	34.06	5.98	0.57	0.29
17	2.70	64.26	24.37	6.47	1.47	0.74

* SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

REGION IV

MAP

REGIONAL PROFILE

TREATMENT NEEDS BY DEMOGRAPHIC VARIABLES

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Figure 9

Region IV

The Region IV sample included 14 school districts containing 93 schools [74 public, 19 private] located in 32 communities in six of the fourteen states and the District of Columbia. The data for Region IV are based on the dental examinations of 5,872 school children.

TABLE 128

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80
REGION IV

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	3,527	30.4	10,558	44.94	91.15
5	8	2.7	11	11.77	4.06
6	60	8.2	106	23.61	14.52
7	121	13.4	218	26.71	24.12
8	179	20.4	291	29.00	33.21
9	195	22.4	437	36.09	50.12
10	264	29.4	648	40.49	72.21
11	251	28.5	600	31.34	67.93
12	268	29.2	794	34.70	86.52
13	435	44.8	1,183	45.91	121.90
14	444	43.2	1,395	49.85	135.51
15	445	41.8	1,663	57.27	156.08
16	420	39.3	1,657	57.11	154.72
17	436	40.1	1,555	52.99	142.98
FEMALE	1,755	30.8	5,178	44.27	91.01
5	5	2.9	6	10.38	3.53
6	30	7.9	44	17.78	11.81
7	78	17.6	140	33.41	31.83
8	97	22.9	173	34.22	40.48
9	104	24.3	189	30.46	44.33
10	125	28.5	304	36.37	69.28
11	108	25.0	291	29.39	67.17
12	146	32.5	425	36.71	94.51
13	217	45.5	601	46.57	126.04
14	202	40.0	616	44.84	122.29
15	222	43.4	839	60.20	163.79
16	211	41.0	839	60.30	162.74
17	209	39.7	711	50.33	135.04
MALE	1,772	30.1	5,380	45.61	91.29
5	3	2.4	6	13.72	4.82
6	31	8.6	62	30.76	17.33
7	44	9.4	78	19.61	16.77
8	81	18.1	118	23.71	26.30
9	92	20.6	247	42.05	55.68
10	138	30.3	343	45.01	75.03
11	143	31.8	309	33.43	68.67
12	122	26.0	369	32.63	78.85
13	217	44.0	581	45.24	117.90
14	242	46.1	779	54.69	148.19
15	223	40.3	825	54.57	148.95
16	209	37.7	818	54.17	147.29
17	227	40.5	845	55.46	150.42

TABLE 129

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION IV SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	2,055	30.1	5,360	38.29	78.54
5	1	0.7	1	2.23	0.70
6	23	5.2	38	14.85	8.77
7	66	12.3	112	23.03	21.05
8	127	24.8	200	34.47	39.01
9	127	24.7	261	36.92	50.99
10	167	31.7	399	42.91	75.64
11	134	25.8	308	27.62	59.23
12	130	24.0	389	28.85	72.04
13	292	51.1	736	48.32	128.83
14	257	42.4	671	40.01	110.70
15	232	36.9	710	40.37	112.62
16	234	36.9	881	49.82	139.10
17	265	41.2	653	36.36	101.51
FEMALE	1,047	31.1	2,784	39.76	82.66
5	1	1.1	1	3.21	1.09
6	6	2.9	8	5.70	3.72
7	47	17.9	77	31.42	29.73
8	72	28.9	124	42.84	49.99
9	66	26.2	105	28.98	41.93
10	81	31.4	179	36.63	69.14
11	59	23.3	166	28.90	64.98
12	63	23.8	167	24.31	63.02
13	154	54.8	409	53.01	145.43
14	124	41.7	320	38.77	107.62
15	110	36.1	378	44.52	124.06
16	124	40.3	492	57.48	160.56
17	140	44.8	358	41.03	114.36
MALE	1,008	29.2	2,576	36.81	74.54
5	0	0.0	0	0.00	0.00
6	16	7.7	30	27.18	14.22
7	19	6.9	35	14.51	12.82
8	55	20.9	76	26.11	28.70
9	61	23.2	156	45.29	59.69
10	86	32.0	220	49.85	81.89
11	75	28.2	142	26.26	53.68
12	67	24.2	222	33.55	80.71
13	138	47.6	327	43.50	112.72
14	133	43.1	351	41.22	113.66
15	123	37.6	332	36.50	101.93
16	111	33.8	389	42.65	118.99
17	125	37.8	296	31.96	89.34

TABLE 130

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION IV NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	1,472	30.9	5,198	52.69	109.24
5	6	5.3	10	21.89	8.37
6	38	12.7	68	35.29	23.00
7	56	15.1	105	32.16	28.55
8	51	14.2	91	21.44	24.99
9	69	19.2	175	34.67	48.87
10	96	26.1	249	36.89	67.32
11	117	32.3	292	36.12	80.37
12	138	36.5	405	41.96	107.21
13	143	35.7	447	41.43	112.00
14	187	44.2	725	61.56	170.98
15	213	49.0	953	78.63	219.06
16	186	42.6	775	63.73	177.37
17	171	38.5	902	73.00	203.10
FEMALE	708	30.5	2,394	48.88	103.14
5	4	5.8	5	21.67	7.40
6	23	15.8	36	35.55	24.31
7	31	17.3	63	36.13	34.85
8	25	14.3	48	22.49	27.18
9	38	21.5	84	32.25	47.75
10	44	24.4	126	35.66	69.49
11	49	27.5	125	29.59	70.30
12	83	45.0	258	52.91	139.65
13	63	32.3	193	35.95	98.24
14	78	37.7	297	51.56	143.33
15	112	54.2	461	79.90	222.09
16	88	42.0	347	59.57	165.93
17	69	32.3	353	59.47	165.40
MALE	764	31.4	2,804	56.45	115.04
5	3	4.7	6	22.08	9.44
6	14	9.7	32	35.01	21.70
7	25	13.1	42	27.66	22.51
8	26	14.0	42	20.35	22.87
9	31	16.9	91	37.25	49.94
10	52	27.8	123	38.22	65.24
11	68	36.9	167	43.28	90.03
12	55	28.5	147	30.80	76.21
13	79	39.0	255	46.83	125.27
14	109	50.4	428	71.15	197.41
15	101	44.2	492	77.48	216.30
16	99	43.2	429	67.55	187.84
17	102	44.3	549	85.49	237.94

TABLE 131

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION IV

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	1,645	38.3	7,192	120.46	167.54
5	297	37.6	1,501	99.42	189.94
6	372	44.3	1,633	117.05	194.44
7	358	39.0	1,522	120.79	165.99
8	342	38.9	1,359	135.28	154.49
9	276	31.9	1,177	147.00	135.90
FEMALE	754	35.9	3,378	119.41	160.65
5	129	33.5	713	97.59	184.56
6	177	43.0	747	112.92	181.27
7	152	33.8	671	111.22	149.60
8	163	37.8	695	146.38	161.38
9	133	31.3	552	153.98	129.81
MALE	891	40.7	3,814	121.41	174.15
5	167	41.4	787	101.13	195.09
6	195	45.6	886	120.77	207.13
7	206	44.0	851	129.58	181.69
8	180	40.0	664	125.33	147.87
9	143	32.4	625	141.34	141.77

TABLE 132

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION IV SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	826	32.6	3,505	70.08	138.57
5	135	29.1	689	55.01	148.13
6	210	42.5	832	73.82	168.32
7	170	31.4	749	73.21	138.82
8	173	33.4	664	76.26	128.33
9	138	26.9	571	78.42	111.26
FEMALE	361	29.1	1,561	65.38	126.10
5	58	25.4	316	52.50	139.02
6	96	39.6	351	66.08	144.80
7	62	23.7	256	51.94	97.07
8	81	32.2	393	93.51	155.58
9	63	25.0	244	71.80	97.15
MALE	465	36.0	1,944	74.37	150.52
5	77	32.6	373	57.33	156.85
6	114	45.4	481	80.73	190.99
7	107	38.8	493	92.99	178.77
8	91	34.5	270	60.13	102.28
9	75	28.6	327	84.23	124.82

TABLE 133

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION IV NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	820	46.5	3,687	106.62	209.09
5	161	49.7	812	94.05	249.76
6	162	46.9	801	103.32	231.79
7	188	49.8	773	106.04	204.87
8	170	46.9	695	117.35	191.82
9	138	39.2	606	121.63	171.68
FEMALE	394	45.5	1,817	109.72	210.10
5	72	45.0	397	93.79	249.66
6	81	47.9	396	105.58	233.39
7	89	48.3	415	120.99	224.68
8	81	45.7	301	106.60	169.64
9	70	40.4	308	132.66	177.04
MALE	426	47.4	1,870	103.77	208.11
5	90	54.1	415	94.31	249.87
6	81	45.8	405	101.20	230.26
7	99	51.3	358	92.75	185.87
8	89	48.0	394	127.16	213.15
9	68	38.0	299	112.04	166.49

TABLE 134

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION IV

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	337	2.9	540	2.30	4.66
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	4	0.4	4	0.48	0.43
8	0	0.0	0	0.00	0.00
9	11	1.2	11	0.90	1.25
10	19	2.1	22	1.38	2.47
11	18	2.1	20	1.02	2.21
12	28	3.1	41	1.79	4.46
13	34	3.6	65	2.52	6.68
14	55	5.3	94	3.35	9.10
15	57	5.4	82	2.82	7.69
16	52	4.9	100	3.46	9.37
17	58	5.3	102	3.48	9.39
FEMALE	183	3.2	302	2.58	5.31
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	4	0.9	4	0.93	0.88
8	0	0.0	0	0.00	0.00
9	9	2.2	9	1.53	2.22
10	12	2.6	13	1.54	2.93
11	9	2.1	9	0.92	2.09
12	20	4.5	28	2.41	6.21
13	17	3.5	35	2.68	7.26
14	34	6.8	61	4.46	12.17
15	21	4.2	42	3.05	8.29
16	21	4.0	30	2.18	5.89
17	35	6.7	70	4.95	13.29
MALE	154	2.6	238	2.02	4.04
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.3	1	0.23	0.30
10	8	1.7	9	1.21	2.02
11	9	2.0	10	1.13	2.33
12	8	1.7	13	1.16	2.79
13	18	3.6	30	2.35	6.12
14	20	3.8	32	2.27	6.15
15	36	6.5	40	2.62	7.14
16	31	5.6	70	4.63	12.59
17	23	4.0	32	2.11	5.73

TABLE 135

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION IV SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	128	1.9	193	1.38	2.82
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.4	2	0.40	0.37
8	0	0.0	0	0.00	0.00
9	7	1.3	7	0.96	1.32
10	5	1.0	8	0.86	1.52
11	7	1.4	7	0.64	1.38
12	8	1.4	13	0.97	2.41
13	18	3.2	34	2.25	6.01
14	20	3.4	27	1.60	4.44
15	17	2.8	26	1.50	4.18
16	25	4.0	34	1.91	5.34
17	18	2.8	34	1.91	5.32
FEMALE	71	2.1	113	1.61	3.34
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.8	2	0.80	0.75
8	0	0.0	0	0.00	0.00
9	7	2.7	7	1.87	2.70
10	3	1.0	4	0.77	1.46
11	3	1.1	3	0.47	1.06
12	5	2.0	9	1.34	3.47
13	2	0.9	6	0.75	2.07
14	13	4.3	18	2.20	6.11
15	8	2.7	15	1.75	4.88
16	13	4.2	17	1.99	5.55
17	16	5.1	32	3.70	10.31
MALE	57	1.6	80	1.15	2.32
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	3	1.0	4	0.96	1.58
11	4	1.7	4	0.83	1.69
12	3	0.9	4	0.58	1.39
13	16	5.5	28	3.79	9.83
14	8	2.5	9	1.03	2.84
15	9	2.9	12	1.27	3.53
16	12	3.8	17	1.84	5.14
17	2	0.6	2	0.21	0.59

TABLE 136

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION IV NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	209	4.4	348	3.52	7.31
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.5	2	0.59	0.52
8	0	0.0	0	0.00	0.00
9	4	1.1	4	0.80	1.13
10	14	3.8	14	2.09	3.81
11	11	3.0	12	1.53	3.40
12	20	5.4	28	2.89	7.39
13	16	4.0	31	2.83	7.64
14	34	8.1	67	5.67	15.76
15	40	9.2	56	4.59	12.78
16	27	6.1	66	5.46	15.20
17	40	9.0	68	5.49	15.28
FEMALE	112	4.8	189	3.87	8.17
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	1.1	2	1.11	1.07
8	0	0.0	0	0.00	0.00
9	3	1.5	3	1.04	1.54
10	9	5.0	9	2.59	5.04
11	6	3.6	6	1.50	3.57
12	15	8.1	19	3.84	10.12
13	14	7.4	29	5.39	14.72
14	22	10.5	43	7.51	20.87
15	13	6.5	28	4.78	13.29
16	8	3.8	13	2.30	6.40
17	20	9.2	38	6.35	17.66
MALE	97	4.0	158	3.18	6.49
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.7	1	0.55	0.74
10	5	2.6	5	1.54	2.63
11	5	2.5	6	1.55	3.23
12	5	2.8	9	1.93	4.79
13	2	0.8	2	0.31	0.82
14	12	5.8	24	3.92	10.87
15	27	11.6	28	4.41	12.31
16	19	8.3	53	8.37	23.26
17	21	8.9	30	4.70	13.08

TABLE 137

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION IV

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	401	9.3	822	13.77	19.15
5	48	6.1	135	8.95	17.09
6	67	7.9	116	8.35	13.86
7	89	9.7	200	15.89	21.84
8	82	9.3	141	14.05	16.05
9	115	13.3	229	28.62	26.46
FEMALE	186	8.9	352	12.46	16.76
5	19	4.8	44	6.06	11.45
6	24	5.9	39	5.97	9.58
7	47	10.5	105	17.45	23.47
8	36	8.3	57	11.96	13.19
9	61	14.3	107	29.78	25.10
MALE	215	9.8	470	14.95	21.44
5	30	7.4	91	11.66	22.49
6	42	9.9	77	10.49	17.99
7	42	9.1	95	14.47	20.28
8	46	10.3	84	15.93	18.79
9	54	12.2	122	27.68	27.76

TABLE 138

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION IV SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	160	6.3	257	5.14	10.15
5	17	3.7	38	3.01	8.10
6	27	5.4	48	4.28	9.76
7	28	5.3	34	3.28	6.22
8	26	5.0	41	4.69	7.90
9	62	12.1	96	13.25	18.80
FEMALE	75	6.1	119	4.99	9.62
5	3	1.1	6	0.97	2.58
6	7	2.9	9	1.68	3.67
7	14	5.4	18	3.70	6.92
8	12	4.9	26	6.23	10.36
9	39	15.6	60	17.62	23.84
MALE	85	6.5	138	5.27	10.66
5	15	6.2	32	4.89	13.39
6	20	7.8	39	6.61	15.63
7	14	5.1	15	2.89	5.56
8	13	5.0	15	3.26	5.54
9	23	8.7	37	9.42	13.96

TABLE 139

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION IV NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	241	13.7	565	16.35	32.05
5	31	9.6	97	11.28	29.95
6	40	11.6	68	8.79	19.73
7	61	16.1	167	22.87	44.18
8	56	15.4	100	16.94	27.69
9	53	15.0	133	26.62	37.57
FEMALE	111	12.8	233	14.09	26.99
5	16	10.2	38	9.07	24.14
6	17	10.2	31	8.15	18.02
7	33	17.6	87	25.38	47.13
8	23	13.0	31	10.82	17.22
9	22	12.4	47	20.18	26.94
MALE	130	14.5	332	18.42	36.93
5	15	9.0	59	13.41	35.52
6	23	12.9	38	9.40	21.38
7	28	14.7	80	20.64	41.36
8	33	17.7	70	22.53	37.76
9	31	17.4	86	32.22	47.87

TABLE 140

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION IV

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	514	4.4	908	3.87	7.84
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.1	1	0.08	0.11
10	11	1.2	13	0.83	1.49
11	23	2.6	25	1.32	2.86
12	35	3.8	47	2.06	5.13
13	55	5.7	97	3.76	9.97
14	86	8.3	167	5.95	16.17
15	83	7.8	145	4.99	13.61
16	105	9.8	194	6.67	18.08
17	116	10.7	220	7.49	20.20
FEMALE	283	5.0	501	4.28	8.81
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.2	1	0.15	0.22
10	6	1.4	7	0.85	1.62
11	13	3.0	14	1.45	3.30
12	26	5.7	33	2.84	7.32
13	34	7.2	62	4.80	12.99
14	48	9.6	90	6.57	17.93
15	38	7.4	66	4.75	12.92
16	55	10.8	101	7.24	19.53
17	62	11.7	127	8.96	24.05
MALE	230	3.9	407	3.45	6.91
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	5	1.0	6	0.81	1.36
11	10	2.1	11	1.19	2.44
12	9	1.9	14	1.25	3.02
13	20	4.2	35	2.71	7.05
14	38	7.1	76	5.35	14.48
15	45	8.1	79	5.22	14.25
16	50	9.0	93	6.16	16.74
17	54	9.7	93	6.11	16.58

TABLE 141

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION IV SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	194	2.8	333	2.38	4.88
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	3	0.5	4	0.45	0.80
11	9	1.6	10	0.89	1.91
12	9	1.6	13	0.99	2.48
13	16	2.8	29	1.91	5.11
14	35	5.8	68	4.03	11.15
15	28	4.4	47	2.66	7.43
16	54	8.5	80	4.55	12.70
17	41	6.4	81	4.53	12.65
FEMALE	111	3.3	198	2.83	5.88
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	4	1.6	5	0.95	2.13
12	5	1.9	9	1.24	3.22
13	7	2.5	11	1.48	4.07
14	18	6.2	29	3.47	9.63
15	15	4.9	26	3.06	8.52
16	34	11.2	50	5.89	16.44
17	27	8.8	68	7.75	21.60
MALE	82	2.4	135	1.93	3.91
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	3	1.0	4	0.96	1.57
11	4	1.7	4	0.83	1.69
12	4	1.3	5	0.74	1.77
13	9	3.1	18	2.36	6.11
14	17	5.5	39	4.57	12.60
15	13	3.9	21	2.30	6.41
16	19	5.9	30	3.29	9.18
17	14	4.2	14	1.49	4.18

TABLE 142

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION IV NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	320	6.7	575	5.83	12.09
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.3	1	0.19	0.26
10	8	2.2	9	1.35	2.47
11	14	3.9	15	1.90	4.23
12	26	6.9	34	3.48	8.90
13	39	9.7	68	6.26	16.93
14	50	11.9	99	8.41	23.36
15	55	12.7	98	8.10	22.56
16	52	11.8	113	9.30	25.89
17	75	16.8	138	11.19	31.14
FEMALE	172	7.4	303	6.19	13.06
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.5	1	0.36	0.54
10	6	3.3	7	2.03	3.95
11	9	5.0	9	2.10	4.99
12	21	11.2	24	5.00	13.20
13	27	13.9	51	9.43	25.78
14	30	14.5	62	10.73	29.83
15	23	11.1	40	6.97	19.37
16	21	10.0	50	8.64	24.06
17	34	16.1	59	9.94	27.65
MALE	148	6.1	272	5.48	11.17
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	2	1.1	2	0.62	1.05
11	5	2.8	6	1.68	3.50
12	5	2.8	9	1.93	4.79
13	11	5.6	17	3.14	8.39
14	21	9.5	37	6.19	17.17
15	32	14.2	58	9.12	25.47
16	31	13.5	63	9.91	27.56
17	41	17.6	79	12.35	34.37

TABLE 143

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION IV

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	388	3.3	526	2.24	4.54
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.2	2	0.21	0.19
8	8	0.9	8	0.83	0.95
9	15	1.7	16	1.29	1.79
10	38	4.2	48	3.00	5.35
11	33	3.7	38	2.00	4.33
12	18	1.9	29	1.27	3.17
13	44	4.6	55	2.13	5.65
14	63	6.1	96	3.42	9.29
15	54	5.0	76	2.62	7.13
16	56	5.3	74	2.55	6.92
17	58	5.3	84	2.88	7.76
FEMALE	191	3.4	246	2.11	4.33
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	6	1.5	6	1.24	1.47
9	4	0.9	4	0.65	0.95
10	15	3.4	21	2.47	4.70
11	24	5.6	29	2.93	6.69
12	9	1.9	10	0.83	2.14
13	28	5.9	34	2.61	7.06
14	28	5.6	49	3.54	9.66
15	27	5.2	32	2.32	6.31
16	22	4.3	27	1.92	5.19
17	28	5.3	35	2.49	6.68
MALE	197	3.3	280	2.37	4.75
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.4	2	0.44	0.37
8	2	0.4	2	0.40	0.45
9	11	2.5	12	1.96	2.60
10	23	5.0	27	3.58	5.97
11	8	1.8	9	1.01	2.07
12	9	1.9	19	1.72	4.16
13	16	3.3	21	1.64	4.29
14	35	6.6	47	3.30	8.94
15	27	4.8	44	2.89	7.89
16	34	6.2	47	3.13	8.52
17	30	5.4	49	3.24	8.78

TABLE 144

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION IV SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	191	2.8	224	1.60	3.28
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	7	1.4	7	1.24	1.40
9	10	1.9	10	1.47	2.03
10	23	4.4	28	3.00	5.30
11	21	4.0	22	1.99	4.27
12	11	2.1	12	0.92	2.30
13	26	4.6	28	1.83	4.88
14	25	4.2	36	2.13	5.90
15	20	3.2	30	1.68	4.69
16	20	3.1	20	1.12	3.13
17	27	4.3	30	1.69	4.72
FEMALE	89	2.7	96	1.37	2.84
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	6	2.5	6	2.16	2.52
9	1	0.5	1	0.36	0.53
10	5	1.7	5	0.92	1.74
11	17	6.5	17	2.90	6.52
12	8	2.8	8	1.10	2.84
13	18	6.5	19	2.49	6.82
14	7	2.2	8	0.96	2.68
15	8	2.7	12	1.44	4.02
16	4	1.2	4	0.43	1.20
17	16	5.2	16	1.88	5.25
MALE	102	2.9	128	1.83	3.70
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	1	0.4	1	0.32	0.35
9	9	3.3	9	2.63	3.47
10	19	7.0	23	5.31	8.72
11	4	1.6	6	1.02	2.09
12	4	1.3	5	0.74	1.78
13	8	2.7	9	1.16	3.00
14	19	6.1	28	3.27	9.01
15	12	3.6	17	1.90	5.31
16	16	4.9	16	1.77	4.95
17	11	3.3	14	1.51	4.22

TABLE 145

PERMANENT TEETH NEEDING CROWNS FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION IV NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	197	4.1	302	3.07	6.36
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.5	2	0.53	0.47
8	1	0.3	1	0.25	0.30
9	5	1.4	5	1.02	1.44
10	14	3.9	20	2.97	5.42
11	12	3.2	16	1.99	4.43
12	6	1.7	17	1.73	4.41
13	18	4.6	27	2.50	6.75
14	38	8.9	60	5.09	14.13
15	34	7.7	46	3.83	10.67
16	37	8.4	54	4.46	12.40
17	30	6.9	54	4.38	12.18
FEMALE	102	4.4	150	3.07	6.48
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	3	1.5	3	1.04	1.54
10	10	5.8	16	4.58	8.93
11	8	4.4	12	2.92	6.93
12	1	0.6	2	0.43	1.14
13	10	5.0	15	2.71	7.41
14	21	10.4	41	7.08	19.67
15	19	9.0	20	3.48	9.68
16	19	8.9	23	3.97	11.06
17	11	5.3	19	3.16	8.79
MALE	95	3.9	152	3.06	6.23
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.9	2	1.12	0.91
8	1	0.6	1	0.52	0.58
9	2	1.3	2	1.01	1.35
10	4	2.1	4	1.21	2.06
11	4	2.0	4	0.97	2.03
12	5	2.8	15	3.05	7.54
13	8	4.2	12	2.29	6.12
14	16	7.4	19	3.19	8.84
15	15	6.6	26	4.14	11.57
16	18	7.9	31	4.90	13.63
17	19	8.3	35	5.50	15.31

TABLE 146

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION IV

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	246	5.7	392	6.57	9.14
5	59	7.4	104	6.90	13.19
6	63	7.5	84	6.03	10.01
7	60	6.6	106	8.45	11.61
8	34	3.8	55	5.46	6.23
9	31	3.5	43	5.36	4.95
FEMALE	106	5.0	175	6.19	8.33
5	22	5.7	40	5.43	10.26
6	28	6.7	37	5.52	8.87
7	27	6.0	52	8.69	11.68
8	17	4.0	26	5.57	6.14
9	12	2.8	20	5.61	4.73
MALE	140	6.4	217	6.92	9.92
5	36	9.0	65	8.29	15.98
6	35	8.3	48	6.48	11.11
7	33	7.1	54	8.23	11.54
8	17	3.7	28	5.35	6.32
9	19	4.2	23	5.15	5.17

TABLE 147

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION IV SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	82	3.2	125	2.51	4.96
5	21	4.5	26	2.11	5.67
6	32	6.5	38	3.37	7.68
7	13	2.4	32	3.15	5.98
8	6	1.2	9	1.09	1.83
9	9	1.8	19	2.66	3.77
FEMALE	22	1.8	49	2.04	3.93
5	3	1.3	4	0.71	1.88
6	9	3.5	11	2.09	4.58
7	7	2.6	23	4.66	8.71
8	0	0.0	0	0.00	0.00
9	4	1.6	10	3.02	4.09
MALE	59	4.6	77	2.93	5.94
5	18	7.6	22	3.40	9.29
6	24	9.4	27	4.50	10.65
7	6	2.2	9	1.75	3.36
8	6	2.3	9	2.10	3.57
9	5	1.9	9	2.34	3.47

TABLE 148

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION IV NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	164	9.3	267	7.72	15.15
5	38	11.6	78	9.01	23.94
6	31	8.9	46	5.95	13.35
7	47	12.5	74	10.18	19.67
8	27	7.6	45	7.66	12.52
9	21	6.1	24	4.73	6.67
FEMALE	83	9.6	127	7.64	14.63
5	19	12.2	35	8.36	22.24
6	19	11.2	25	6.78	14.99
7	20	10.9	29	8.58	15.93
8	17	9.6	26	9.35	14.89
9	8	4.5	10	4.24	5.66
MALE	81	9.0	141	7.80	15.64
5	18	11.0	42	9.65	25.56
6	12	6.7	21	5.17	11.77
7	27	14.0	45	11.60	23.25
8	10	5.6	19	6.11	10.25
9	14	7.7	14	5.15	7.65

TABLE 149

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION IV

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	320	2.8	420	1.79	3.63
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.2	2	0.21	0.19
8	7	0.8	7	0.73	0.84
9	14	1.6	14	1.20	1.66
10	24	2.7	24	1.50	2.67
11	20	2.2	22	1.16	2.52
12	18	1.9	29	1.27	3.17
13	40	4.1	47	1.81	4.79
14	62	6.0	96	3.43	9.31
15	48	4.5	62	2.12	5.78
16	47	4.4	63	2.16	5.84
17	39	3.6	55	1.87	5.05
FEMALE	156	2.7	192	1.64	3.37
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	6	1.5	6	1.24	1.47
9	4	0.9	4	0.65	0.95
10	11	2.6	11	1.35	2.58
11	11	2.6	13	1.27	2.91
12	9	1.9	10	0.83	2.14
13	25	5.2	28	2.17	5.86
14	33	6.5	51	3.74	10.21
15	22	4.2	25	1.81	4.91
16	20	3.9	25	1.77	4.77
17	15	2.8	19	1.32	3.53
MALE	164	2.8	229	1.94	3.88
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.4	2	0.44	0.37
8	1	0.2	1	0.22	0.24
9	10	2.2	10	1.77	2.35
10	13	2.8	13	1.66	2.76
11	8	1.9	10	1.04	2.14
12	9	1.9	19	1.72	4.16
13	15	3.1	19	1.44	3.76
14	29	5.6	44	3.12	8.46
15	26	4.7	36	2.41	6.58
16	27	4.9	38	2.51	6.84
17	24	4.3	36	2.39	6.48

TABLE 150

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION IV SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	150	2.2	173	1.24	2.54
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	6	1.2	6	1.08	1.22
9	10	1.9	10	1.47	2.03
10	14	2.6	14	1.46	2.57
11	11	2.2	13	1.13	2.42
12	11	2.1	12	0.92	2.30
13	23	4.1	25	1.65	4.40
14	27	4.5	41	2.44	6.74
15	16	2.5	21	1.19	3.33
16	18	2.9	18	1.04	2.91
17	13	2.0	13	0.70	1.97
FEMALE	63	1.9	67	0.96	2.00
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	6	2.5	6	2.16	2.52
9	1	0.5	1	0.36	0.53
10	3	1.1	3	0.58	1.10
11	7	2.6	7	1.17	2.63
12	8	2.8	8	1.10	2.84
13	17	5.9	18	2.28	6.25
14	5	1.8	7	0.82	2.29
15	5	1.6	7	0.80	2.23
16	4	1.2	4	0.43	1.20
17	8	2.5	8	0.89	2.47
MALE	87	2.5	106	1.52	3.07
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	9	3.3	9	2.63	3.47
10	11	4.0	11	2.43	3.99
11	5	1.8	6	1.09	2.23
12	4	1.3	5	0.74	1.78
13	7	2.3	8	1.00	2.60
14	22	7.1	34	4.00	11.03
15	11	3.3	14	1.56	4.35
16	15	4.5	15	1.62	4.51
17	5	1.5	5	0.53	1.49

TABLE 151

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION IV NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	170	3.6	247	2.51	5.19
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.5	2	0.53	0.47
8	1	0.3	1	0.25	0.30
9	4	1.1	4	0.80	1.13
10	10	2.8	10	1.54	2.82
11	8	2.3	10	1.19	2.65
12	6	1.7	17	1.73	4.41
13	17	4.2	21	1.98	5.36
14	35	8.2	55	4.68	12.99
15	32	7.3	41	3.35	9.33
16	29	6.6	44	3.63	10.10
17	26	5.9	42	3.42	9.52
FEMALE	93	4.0	124	2.54	5.36
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	3	1.5	3	1.04	1.54
10	9	4.7	9	2.42	4.71
11	5	2.6	6	1.39	3.31
12	1	0.6	2	0.43	1.14
13	8	4.2	10	1.94	5.31
14	27	13.2	45	7.76	21.57
15	17	8.1	18	3.18	8.84
16	16	7.9	21	3.60	10.03
17	7	3.3	11	1.83	5.08
MALE	78	3.2	123	2.47	5.04
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	2	0.9	2	1.12	0.91
8	1	0.6	1	0.52	0.58
9	1	0.7	1	0.55	0.74
10	2	1.0	2	0.59	1.01
11	4	2.0	4	0.97	2.03
12	5	2.8	15	3.05	7.54
13	8	4.2	11	2.03	5.42
14	7	3.4	10	1.73	4.79
15	15	6.6	22	3.50	9.78
16	12	5.4	23	3.66	10.17
17	19	8.3	31	4.90	13.63

TABLE 152

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 REGION IV

AGE	PER CENT SCORED 0	PER CENT SCORED 1	PER CENT SCORED 2	PER CENT SCORED 3	PER CENT SCORED 4	PER CENT * UNSCORED
BOTH	5.54	64.77	26.64	2.48	0.38	0.20
5	11.93	69.02	18.34	0.00	0.00	0.71
6	4.37	67.84	26.43	0.56	0.42	0.38
7	4.39	56.85	37.54	0.99	0.23	0.00
8	3.48	61.19	34.85	0.25	0.00	0.22
9	1.59	61.29	35.30	1.58	0.09	0.16
10	2.63	65.65	29.18	2.47	0.00	0.08
11	3.36	63.47	29.28	2.94	0.73	0.23
12	7.10	62.55	26.75	2.36	1.06	0.18
13	6.75	59.93	28.83	3.68	0.66	0.15
14	5.77	65.94	22.10	5.42	0.77	0.00
15	4.31	67.83	24.19	3.68	0.00	0.00
16	7.72	67.42	20.32	3.80	0.43	0.31
17	8.24	71.47	16.68	2.91	0.40	0.31
FEMALE	6.81	66.97	23.56	2.24	0.32	0.11
5	13.51	68.72	17.77	0.00	0.00	0.00
6	5.96	69.62	23.56	0.47	0.00	0.39
7	4.68	62.95	30.50	1.41	0.47	0.00
8	3.50	57.73	37.80	0.51	0.00	0.46
9	1.59	62.99	33.33	1.91	0.18	0.00
10	3.75	72.04	21.40	2.66	0.00	0.15
11	5.20	62.83	27.24	3.14	1.11	0.47
12	8.96	63.13	25.88	0.92	1.12	0.00
13	8.62	63.46	23.68	3.81	0.44	0.00
14	6.63	71.87	17.81	3.59	0.10	0.00
15	4.81	69.09	23.69	2.41	0.00	0.00
16	12.19	67.54	15.88	3.95	0.43	0.00
17	8.55	76.11	11.89	3.15	0.30	0.00
MALE	4.33	62.68	29.57	2.70	0.43	0.29
5	10.42	69.31	18.88	0.00	0.00	1.38
6	2.83	66.12	29.21	0.65	0.82	0.37
7	4.11	51.01	44.28	0.60	0.00	0.00
8	3.46	64.52	32.02	0.00	0.00	0.00
9	1.58	59.66	37.18	1.27	0.00	0.31
10	1.55	59.51	36.65	2.28	0.00	0.00
11	1.58	64.08	31.24	2.75	0.36	0.00
12	5.31	62.00	27.59	3.75	1.01	0.35
13	4.94	56.51	33.81	3.56	0.88	0.29
14	4.95	60.25	26.21	7.17	1.41	0.00
15	3.84	66.66	24.66	4.85	0.00	0.00
16	3.57	67.31	24.43	3.65	0.44	0.60
17	7.94	67.11	21.17	2.68	0.49	0.60

SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

REGION V

MAP

REGIONAL PROFILE

TREATMENT NEEDS BY DEMOGRAPHIC VARIABLES

SURFACE RESTORATIONS

Permanent 187
Primary 190

EXTRACTIONS

Permanent 193
Primary 196

TOOTH REPLACEMENTS

Permanent 199

CROWNS

Permanent 202
Primary 205

PULPAL TREATMENT

Permanent 208

GINGIVAL TREATMENT

Permanent and Primary Combined 211

Figure 10

Region V

The Region V sample included 31 school districts containing 88 schools [75 public, 13 private] located in 32 communities in three of the four states. The data for Region V are based on the dental examinations of 5,428 school children.

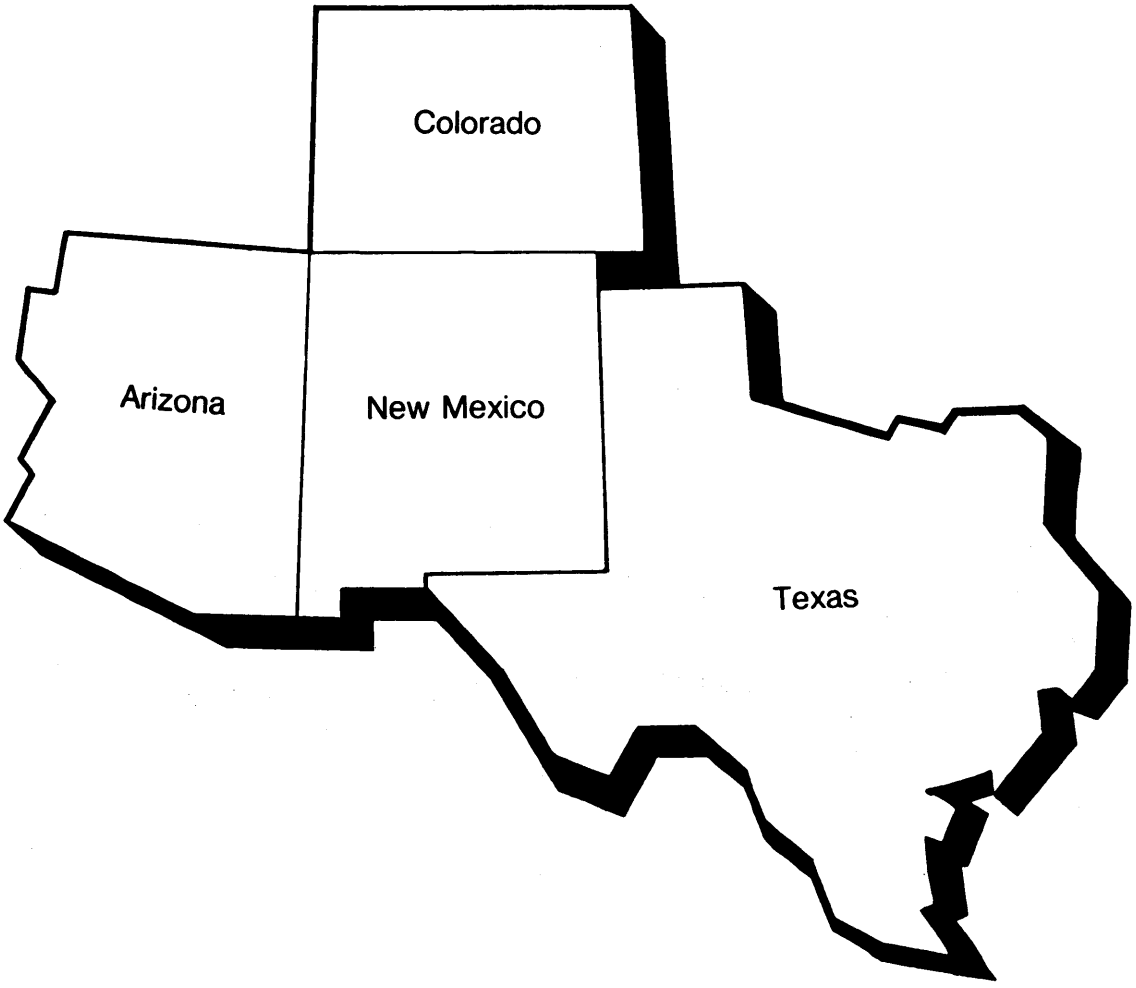

TABLE 153

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION V

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	938	22.3	2,413	28.77	57.44
5	6	4.5	10	20.41	7.51
6	13	4.9	15	10.64	5.95
7	46	13.4	75	25.54	22.25
8	46	14.0	87	23.81	26.58
9	49	15.0	91	20.36	28.14
10	62	19.4	129	23.29	40.39
11	77	24.5	190	28.13	60.26
12	90	27.5	239	29.62	73.13
13	81	23.2	207	22.45	59.75
14	118	32.0	288	28.71	78.01
15	124	32.7	341	32.98	90.17
16	116	30.5	408	39.40	107.20
17	112	28.9	332	31.46	85.66
FEMALE	439	21.1	1,137	27.18	54.73
5	3	4.2	6	27.19	8.92
6	6	4.7	6	8.20	4.74
7	24	14.3	30	19.93	18.09
8	24	14.6	51	26.82	31.44
9	21	13.3	40	16.85	24.83
10	28	17.8	54	18.61	34.13
11	37	23.8	102	29.03	65.39
12	45	28.2	113	27.74	70.37
13	39	23.0	98	21.37	57.46
14	55	30.2	126	25.48	69.31
15	54	29.5	146	29.18	79.43
16	48	25.8	204	40.89	110.26
17	55	29.0	162	31.75	85.51
MALE	499	23.5	1,276	30.35	60.09
5	3	5.0	3	13.86	5.78
6	6	5.1	9	13.52	7.29
7	22	12.6	45	31.56	26.34
8	22	13.4	37	20.60	21.89
9	28	16.7	52	24.22	31.34
10	34	20.9	75	28.36	46.44
11	40	25.1	89	27.17	55.28
12	45	26.8	126	31.53	75.81
13	41	23.4	109	23.53	61.98
14	63	33.7	162	31.83	86.42
15	69	35.7	195	36.52	100.27
16	69	35.1	204	38.02	104.31
17	57	28.8	170	31.20	85.81

TABLE 154

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION V SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	699	21.9	1,838	28.56	57.63
5	3	3.5	4	12.13	4.57
6	11	5.8	14	12.32	6.96
7	33	12.8	58	25.50	22.15
8	39	15.4	75	26.83	29.86
9	34	13.7	64	18.58	25.63
10	44	18.3	92	21.88	38.30
11	63	26.2	163	31.72	68.21
12	68	27.4	189	30.71	76.42
13	56	21.5	150	21.29	57.19
14	83	29.8	190	24.69	67.94
15	101	35.2	284	35.66	99.39
16	83	29.0	318	39.63	110.57
17	81	27.5	237	29.12	80.89
FEMALE	334	21.1	900	27.91	56.84
5	1	1.9	2	11.13	3.73
6	6	5.8	6	9.95	5.79
7	17	13.2	21	17.46	15.87
8	20	16.1	45	31.60	36.78
9	16	12.7	31	17.21	25.26
10	21	17.8	40	18.18	33.43
11	32	27.3	94	35.77	79.92
12	33	26.8	85	27.22	70.18
13	27	21.1	67	18.82	51.34
14	41	29.5	92	24.19	66.71
15	43	31.0	119	30.56	85.18
16	34	24.4	175	44.76	124.81
17	43	30.0	124	31.20	86.06
MALE	365	22.7	938	29.22	58.41
5	2	5.6	2	13.12	5.64
6	5	5.7	8	15.23	8.32
7	16	12.3	37	34.20	28.35
8	19	14.6	30	21.78	23.19
9	18	14.6	33	20.08	25.98
10	23	18.7	53	25.83	43.03
11	30	25.2	69	27.47	56.81
12	35	28.0	104	34.34	82.47
13	29	21.8	84	23.79	62.92
14	42	30.0	98	25.18	69.13
15	57	39.2	166	40.51	112.87
16	49	33.4	143	34.75	97.02
17	38	25.1	113	27.14	75.92

TABLE 155

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION V NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	238	23.6	575	27.92	56.84
5	2	7.6	5	47.98	16.41
6	1	2.2	2	4.94	2.67
7	12	15.6	18	25.59	22.57
8	7	9.5	12	13.99	15.81
9	15	19.6	28	26.05	36.40
10	18	22.7	36	27.42	46.86
11	15	19.0	27	16.67	35.55
12	22	27.7	50	25.02	62.92
13	24	28.6	57	24.87	67.68
14	35	38.9	98	39.52	109.30
15	23	24.9	57	22.11	61.52
16	33	35.3	90	34.73	96.75
17	31	33.0	95	36.04	100.48
FEMALE	105	21.2	237	23.16	47.98
5	2	11.8	4	84.09	25.69
6	0	1.0	0	1.76	0.99
7	7	17.7	10	28.18	25.48
8	4	9.5	5	11.55	13.92
9	6	15.2	9	15.65	23.41
10	7	17.7	14	19.59	36.30
11	5	13.0	8	8.57	19.97
12	13	32.6	28	27.81	70.97
13	12	28.9	32	28.13	76.58
14	14	32.5	34	28.03	77.44
15	11	24.8	27	21.99	61.32
16	13	30.0	29	23.08	64.38
17	12	25.5	38	30.08	83.75
MALE	133	25.8	337	32.65	65.32
5	0	3.1	1	16.18	6.19
6	1	3.3	1	8.23	4.27
7	5	13.6	8	22.93	19.72
8	4	9.5	7	16.68	17.63
9	9	23.8	19	37.59	48.96
10	11	27.5	23	36.30	56.99
11	10	24.8	20	26.04	50.56
12	9	23.1	22	22.27	55.19
13	12	28.4	25	21.70	59.06
14	21	45.2	64	50.54	139.93
15	12	25.0	30	22.22	61.71
16	19	40.2	61	45.53	126.63
17	19	39.9	57	41.58	116.08

TABLE 156

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION V

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	580	36.5	2,248	99.71	141.37
5	108	37.5	396	72.25	136.97
6	121	39.2	464	87.33	150.17
7	137	40.2	574	120.72	168.05
8	115	35.1	471	120.37	143.90
9	99	30.5	344	111.22	106.20
FEMALE	292	37.3	1,156	107.32	147.75
5	56	39.4	233	86.74	164.39
6	55	36.5	196	76.57	129.23
7	76	44.9	313	136.07	185.66
8	62	38.2	252	137.39	156.36
9	43	27.3	161	116.60	101.55
MALE	288	35.7	1,092	92.76	135.19
5	53	35.7	162	58.26	110.49
6	66	41.8	267	97.38	170.44
7	61	35.5	261	106.32	150.87
8	53	32.2	219	105.33	131.79
9	55	33.5	183	106.88	110.67

TABLE 157

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION V SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	441	36.1	1,649	68.07	135.17
5	84	37.9	281	48.14	126.79
6	93	39.2	349	63.15	147.40
7	108	41.2	439	86.35	167.27
8	79	31.7	310	73.03	123.74
9	76	30.6	270	76.46	108.64
FEMALE	217	36.2	826	71.07	137.51
5	42	39.1	157	54.99	144.70
6	39	33.8	127	47.70	108.67
7	59	45.5	244	99.12	187.69
8	44	35.4	179	88.72	145.17
9	33	26.7	119	73.18	97.49
MALE	223	36.1	823	65.30	132.90
5	42	36.9	124	41.56	109.56
6	54	44.5	222	77.43	184.88
7	49	36.9	195	74.40	147.27
8	36	28.1	131	58.75	102.87
9	44	34.4	151	79.26	119.40

TABLE 158

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION V NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	140	37.7	599	81.57	161.80
5	24	36.2	115	64.24	170.58
6	28	39.0	115	67.78	159.26
7	29	36.7	135	88.67	170.64
8	36	46.4	161	125.60	209.81
9	22	29.9	74	69.40	98.12
FEMALE	75	41.1	330	93.55	181.58
5	13	40.6	76	86.59	228.93
6	16	45.3	70	84.23	196.65
7	17	42.7	70	94.36	178.89
8	18	47.3	73	121.04	193.07
9	11	29.2	42	86.81	115.08
MALE	65	34.5	269	70.48	142.72
5	11	32.0	39	42.60	113.58
6	12	32.8	45	52.03	123.01
7	12	30.9	66	83.34	162.70
8	18	45.6	88	129.63	225.97
9	12	30.6	32	54.75	81.98

TABLE 159

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION V

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	54	1.3	72	0.86	1.72
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.03	0.03
8	3	1.0	3	0.86	0.96
9	0	0.0	0	0.00	0.00
10	2	0.5	2	0.27	0.47
11	1	0.2	1	0.14	0.31
12	4	1.1	5	0.59	1.45
13	8	2.3	10	1.09	2.91
14	6	1.6	6	0.60	1.63
15	15	4.1	25	2.44	6.68
16	7	1.8	9	0.85	2.32
17	9	2.2	12	1.09	2.97
FEMALE	30	1.5	38	0.90	1.81
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.1	0	0.06	0.05
8	2	1.1	2	0.93	1.09
9	0	0.0	0	0.00	0.00
10	1	0.6	1	0.31	0.56
11	0	0.0	0	0.00	0.00
12	3	1.7	3	0.66	1.68
13	3	1.5	3	0.66	1.78
14	4	2.0	4	0.75	2.03
15	8	4.2	13	2.52	6.86
16	3	1.9	3	0.70	1.87
17	7	3.9	9	1.85	4.97
MALE	24	1.1	35	0.82	1.63
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	1	0.8	1	0.78	0.83
9	0	0.0	0	0.00	0.00
10	1	0.4	1	0.24	0.39
11	1	0.5	1	0.30	0.61
12	1	0.6	2	0.51	1.23
13	6	3.1	7	1.52	4.01
14	2	1.1	2	0.46	1.24
15	8	3.9	13	2.37	6.51
16	3	1.7	5	1.00	2.75
17	1	0.6	2	0.39	1.07

TABLE 160

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION V SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	37	1.2	51	0.80	1.61
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	3	1.2	3	1.06	1.18
9	0	0.0	0	0.00	0.00
10	1	0.3	1	0.19	0.33
11	0	0.0	0	0.00	0.00
12	1	0.4	2	0.33	0.83
13	4	1.7	6	0.83	2.24
14	3	1.2	4	0.47	1.29
15	13	4.6	22	2.80	7.82
16	6	2.0	7	0.89	2.50
17	6	1.9	7	0.81	2.24
FEMALE	20	1.3	26	0.80	1.63
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	1.3	2	1.10	1.28
9	0	0.0	0	0.00	0.00
10	1	0.7	1	0.36	0.67
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	0	0.0	0	0.00	0.00
14	2	1.5	2	0.55	1.51
15	7	5.2	12	3.14	8.75
16	3	1.9	3	0.68	1.90
17	6	3.9	7	1.66	4.57
MALE	17	1.1	26	0.79	1.59
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	1	1.1	1	1.02	1.09
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	1	0.8	2	0.68	1.63
13	4	3.3	6	1.67	4.43
14	1	0.9	2	0.39	1.07
15	6	4.0	10	2.49	6.93
16	3	2.0	5	1.10	3.07
17	0	0.0	0	0.00	0.00

TABLE 161

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION V NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	17	1.7	21	1.01	2.06
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.1	0	0.12	0.11
8	0	0.2	0	0.20	0.23
9	0	0.0	0	0.00	0.00
10	1	0.9	1	0.54	0.92
11	1	1.0	1	0.59	1.27
12	3	3.4	3	1.35	3.39
13	4	4.5	4	1.84	5.00
14	2	2.7	2	0.98	2.71
15	2	2.3	3	1.13	3.16
16	1	1.2	2	0.64	1.79
17	3	3.1	5	1.89	5.26
FEMALE	10	2.1	12	1.15	2.38
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.2	0	0.25	0.22
8	0	0.5	0	0.39	0.47
9	0	0.0	0	0.00	0.00
10	0	0.2	0	0.12	0.22
11	0	0.0	0	0.00	0.00
12	3	6.9	3	2.71	6.91
13	3	6.3	3	2.70	7.35
14	2	3.7	2	1.32	3.66
15	0	0.9	0	0.32	0.90
16	1	1.8	1	0.65	1.80
17	2	4.0	3	2.25	6.25
MALE	7	1.3	9	0.88	1.76
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	1.6	1	1.01	1.59
11	1	2.0	1	1.28	2.49
12	0	0.0	0	0.00	0.00
13	1	2.7	1	1.00	2.73
14	1	1.8	1	0.65	1.79
15	2	3.6	3	1.88	5.23
16	0	0.6	1	0.64	1.78
17	1	2.4	2	1.55	4.34

TABLE 162

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION V

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	146	9.2	248	10.99	15.57
5	23	8.0	35	6.31	11.96
6	24	7.7	50	9.48	16.30
7	37	11.0	57	12.06	16.79
8	25	7.8	37	9.53	11.39
9	36	11.2	68	22.05	21.06
FEMALE	64	8.2	110	10.23	14.08
5	10	6.9	21	7.75	14.70
6	9	6.0	20	7.65	12.91
7	20	11.6	26	11.39	15.54
8	13	7.8	19	10.10	11.50
9	13	8.4	25	18.07	15.74
MALE	81	10.1	137	11.68	17.02
5	13	9.0	14	4.91	9.31
6	15	9.3	31	11.19	19.58
7	18	10.3	31	12.69	18.01
8	13	7.8	19	9.02	11.29
9	23	13.9	43	25.27	26.17

TABLE 163

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION V SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	112	9.2	191	7.87	15.62
5	19	8.6	27	4.66	12.27
6	20	8.3	44	7.93	18.50
7	29	11.2	46	8.98	17.39
8	15	6.0	21	4.94	8.37
9	29	11.6	53	15.00	21.31
FEMALE	49	8.2	86	7.38	14.28
5	8	7.2	16	5.62	14.78
6	7	6.3	16	5.99	13.65
7	15	11.6	20	7.98	15.11
8	8	6.7	14	7.04	11.52
9	11	8.8	20	12.26	16.34
MALE	63	10.1	105	8.32	16.93
5	11	9.9	11	3.74	9.86
6	12	10.3	28	9.72	23.20
7	14	10.9	26	9.92	19.63
8	7	5.3	7	3.03	5.30
9	18	14.3	33	17.33	26.11

TABLE 164

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION V NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	34	9.1	57	7.77	15.41
5	4	5.9	7	4.11	10.91
6	4	5.6	7	3.85	9.05
7	8	10.1	12	7.69	14.81
8	10	13.6	16	12.73	21.27
9	7	9.9	15	14.30	20.22
FEMALE	15	8.4	24	6.92	13.44
5	2	5.9	5	5.45	14.41
6	2	5.0	4	4.48	10.45
7	5	11.7	7	8.96	16.99
8	4	11.4	4	7.17	11.43
9	3	7.2	5	10.37	13.75
MALE	19	9.9	33	8.55	17.32
5	2	5.9	3	2.81	7.50
6	2	6.1	3	3.25	7.69
7	3	8.5	5	6.51	12.71
8	6	15.8	12	17.66	30.78
9	5	12.5	10	17.61	26.37

TABLE 165

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION V

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	105	2.5	159	1.89	3.78
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.03	0.03
8	0	0.0	0	0.00	0.00
9	1	0.3	1	0.22	0.30
10	7	2.2	8	1.50	2.61
11	1	0.3	1	0.19	0.41
12	5	1.6	7	0.92	2.27
13	12	3.6	18	1.90	5.04
14	14	3.7	18	1.84	5.01
15	22	5.9	36	3.51	9.59
16	20	5.3	35	3.38	9.20
17	22	5.6	33	3.16	8.60
FEMALE	61	2.9	88	2.09	4.21
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.1	0	0.06	0.05
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	4	2.5	4	1.38	2.54
11	0	0.0	0	0.00	0.00
12	4	2.2	5	1.27	3.23
13	8	4.6	10	2.14	5.76
14	5	2.6	6	1.26	3.43
15	13	6.9	20	4.01	10.91
16	12	6.6	19	3.78	10.19
17	16	8.5	23	4.59	12.35
MALE	44	2.1	71	1.69	3.35
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.6	1	0.46	0.60
10	3	1.9	4	1.64	2.68
11	1	0.7	1	0.40	0.81
12	2	1.1	2	0.56	1.35
13	5	2.7	8	1.65	4.34
14	9	4.8	12	2.41	6.54
15	10	4.9	16	3.04	8.34
16	8	4.1	16	3.01	8.26
17	6	2.8	10	1.82	5.02

TABLE 166

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION V SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	74	2.3	115	1.79	3.62
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.4	1	0.29	0.40
10	5	2.0	6	1.47	2.57
11	1	0.3	1	0.16	0.35
12	2	1.0	2	0.39	0.97
13	8	3.1	12	1.75	4.70
14	9	3.1	11	1.41	3.88
15	21	7.2	34	4.25	11.86
16	14	4.9	27	3.32	9.26
17	14	4.7	21	2.61	7.25
FEMALE	45	2.8	64	1.98	4.04
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	3	2.6	3	1.41	2.59
11	0	0.0	0	0.00	0.00
12	1	1.1	1	0.44	1.14
13	4	3.1	5	1.48	4.04
14	4	3.1	6	1.53	4.21
15	12	8.3	18	4.67	13.03
16	10	6.9	15	3.78	10.53
17	10	7.3	16	3.93	10.84
MALE	30	1.9	51	1.60	3.20
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.8	1	0.60	0.78
10	2	1.5	3	1.53	2.55
11	1	0.7	1	0.33	0.69
12	1	0.8	1	0.34	0.81
13	4	3.1	7	2.02	5.35
14	4	3.1	5	1.30	3.56
15	9	6.2	16	3.86	10.74
16	4	2.9	12	2.88	8.04
17	3	2.2	6	1.36	3.80

TABLE 167

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION V NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	30	3.0	43	2.10	4.28
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.1	0	0.12	0.11
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	2	2.7	2	1.60	2.73
11	0	0.3	0	0.29	0.61
12	3	3.7	5	2.51	6.32
13	4	5.1	5	2.25	6.12
14	5	5.6	8	3.08	8.52
15	2	1.8	2	0.91	2.54
16	6	6.7	8	3.24	9.02
17	8	8.4	12	4.58	12.77
FEMALE	17	3.3	24	2.30	4.77
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.2	0	0.25	0.22
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	2.4	1	1.28	2.37
11	0	0.0	0	0.00	0.00
12	2	5.5	4	3.82	9.75
13	4	9.0	5	4.10	11.17
14	0	1.0	0	0.35	0.98
15	1	2.6	2	1.51	4.22
16	2	5.6	4	3.27	9.13
17	6	12.2	8	6.14	17.09
MALE	14	2.7	20	1.91	3.82
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	3.1	1	1.96	3.08
11	0	0.7	0	0.62	1.20
12	1	1.9	1	1.22	3.01
13	1	1.2	1	0.45	1.23
14	5	10.1	7	5.70	15.77
15	0	1.0	0	0.36	0.99
16	4	7.7	4	3.21	8.92
17	2	4.8	4	3.13	8.74

TABLE 168

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION V

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	78	1.9	99	1.19	2.37
5	0	0.3	0	0.78	0.29
6	0	0.0	0	0.00	0.00
7	3	0.8	4	1.31	1.14
8	5	1.6	6	1.75	1.96
9	3	0.8	3	0.66	0.92
10	6	1.8	9	1.63	2.82
11	2	0.7	2	0.33	0.70
12	5	1.5	9	1.09	2.70
13	6	1.8	11	1.21	3.22
14	15	4.1	17	1.70	4.61
15	15	3.9	17	1.65	4.50
16	10	2.5	12	1.14	3.10
17	8	2.1	9	0.83	2.26
FEMALE	27	1.3	33	0.80	1.60
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	3	1.9	4	2.16	2.53
9	0	0.3	0	0.20	0.30
10	3	1.7	4	1.53	2.80
11	1	0.8	1	0.37	0.83
12	2	1.0	2	0.39	0.98
13	0	0.1	0	0.05	0.14
14	4	2.3	4	0.88	2.40
15	6	3.1	7	1.33	3.61
16	6	3.5	9	1.71	4.62
17	2	0.9	2	0.34	0.92
MALE	51	2.4	66	1.57	3.11
5	0	0.6	0	1.53	0.64
6	0	0.0	0	0.00	0.00
7	3	1.6	4	2.71	2.26
8	2	1.4	2	1.32	1.41
9	2	1.3	2	1.17	1.51
10	3	1.9	5	1.73	2.84
11	1	0.6	1	0.29	0.58
12	3	2.1	7	1.82	4.37
13	6	3.5	11	2.36	6.22
14	11	5.7	13	2.48	6.74
15	9	4.5	10	1.94	5.34
16	3	1.7	3	0.60	1.66
17	7	3.3	7	1.29	3.54

TABLE 169

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION V SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	56	1.7	71	1.10	2.22
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	3	1.0	4	1.71	1.48
8	5	1.8	6	2.02	2.25
9	0	0.0	0	0.00	0.00
10	4	1.5	6	1.41	2.47
11	2	0.9	2	0.41	0.88
12	4	1.4	6	0.97	2.41
13	4	1.6	8	1.10	2.97
14	12	4.2	14	1.77	4.87
15	11	3.8	12	1.56	4.34
16	7	2.4	8	1.03	2.86
17	5	1.8	5	0.65	1.81
FEMALE	19	1.2	22	0.67	1.37
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	1.8	3	2.30	2.68
9	0	0.0	0	0.00	0.00
10	1	0.7	2	0.73	1.34
11	1	1.0	1	0.44	0.99
12	1	0.9	1	0.35	0.91
13	0	0.0	0	0.00	0.00
14	3	2.5	3	0.91	2.50
15	4	3.2	4	1.14	3.18
16	4	3.1	6	1.44	4.02
17	1	0.7	1	0.26	0.71
MALE	37	2.3	49	1.53	3.06
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	3	2.0	4	3.56	2.95
8	2	1.8	2	1.72	1.84
9	0	0.0	0	0.00	0.00
10	3	2.4	4	2.15	3.57
11	1	0.8	1	0.37	0.77
12	2	1.9	5	1.61	3.86
13	4	3.1	8	2.22	5.87
14	8	5.8	10	2.61	7.16
15	6	4.4	8	1.95	5.45
16	3	1.8	3	0.63	1.76
17	4	2.9	4	1.03	2.87

TABLE 170

PERMANENT TEETH NEEDING CROWNS FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION V NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	22	2.2	29	1.39	2.82
5	0	1.2	0	3.37	1.15
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	1	1.0	1	0.89	1.00
9	3	3.4	3	2.81	3.93
10	2	2.7	3	2.28	3.89
11	0	0.1	0	0.08	0.17
12	1	1.9	3	1.44	3.62
13	2	2.6	3	1.47	3.99
14	3	3.6	3	1.38	3.81
15	4	4.0	5	1.79	4.98
16	3	3.0	4	1.37	3.83
17	3	3.1	3	1.31	3.65
FEMALE	9	1.8	12	1.13	2.35
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	1	2.0	1	1.69	2.04
9	0	1.3	0	0.85	1.27
10	2	4.9	3	3.97	7.37
11	0	0.2	0	0.15	0.34
12	0	1.2	0	0.47	1.21
13	0	0.6	0	0.22	0.59
14	1	1.7	1	0.76	2.09
15	1	3.0	2	1.78	4.95
16	2	4.7	3	2.33	6.51
17	1	1.6	1	0.57	1.59
MALE	13	2.6	17	1.64	3.27
5	0	2.4	0	6.33	2.42
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	2	5.5	2	4.98	6.49
10	0	0.6	0	0.35	0.55
11	0	0.0	0	0.00	0.00
12	1	2.5	2	2.40	5.95
13	2	4.6	3	2.68	7.30
14	2	5.5	2	1.97	5.46
15	2	5.0	2	1.80	5.00
16	1	1.3	1	0.48	1.35
17	2	4.6	3	2.00	5.57

TABLE 171

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION V

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	90	5.7	128	5.67	8.04
5	19	6.7	24	4.30	8.16
6	25	7.9	40	7.58	13.03
7	14	4.1	26	5.43	7.56
8	18	5.5	23	5.82	6.96
9	14	4.4	15	4.97	4.75
FEMALE	52	6.7	71	6.58	9.05
5	16	11.4	21	7.63	14.46
6	12	7.9	19	7.59	12.81
7	6	3.7	8	3.67	5.01
8	12	7.2	15	8.45	9.61
9	6	4.1	7	4.99	4.35
MALE	38	4.7	57	4.84	7.05
5	3	2.1	3	1.09	2.07
6	13	8.0	21	7.57	13.25
7	8	4.5	17	7.08	10.04
8	6	3.9	7	3.50	4.38
9	8	4.7	8	4.96	5.14

TABLE 172

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION V SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	65	5.4	88	3.65	7.25
5	15	6.8	17	2.97	7.82
6	18	7.8	30	5.52	12.88
7	10	3.8	18	3.50	6.79
8	13	5.3	14	3.40	5.75
9	8	3.4	8	2.37	3.37
FEMALE	37	6.2	47	4.07	7.88
5	12	11.3	15	5.09	13.39
6	8	7.0	15	5.58	12.71
7	4	3.2	4	1.70	3.22
8	9	7.3	10	4.98	8.15
9	4	3.0	4	2.29	3.04
MALE	28	4.5	41	3.26	6.64
5	3	2.5	3	0.94	2.47
6	10	8.6	16	5.46	13.05
7	6	4.4	14	5.19	10.28
8	4	3.4	4	1.95	3.42
9	5	3.7	5	2.45	3.69

TABLE 173

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION V NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	25	6.7	39	5.35	10.62
5	4	6.2	6	3.49	9.26
6	6	8.4	10	5.76	13.53
7	4	5.2	8	5.25	10.10
8	5	6.2	8	6.53	10.90
9	6	7.7	7	6.58	9.30
FEMALE	15	8.3	24	6.66	12.93
5	4	11.8	6	6.81	17.99
6	4	10.8	5	5.63	13.15
7	2	5.3	4	5.79	10.97
8	3	6.8	5	9.03	14.40
9	3	7.5	3	6.55	8.69
MALE	10	5.2	16	4.15	8.39
5	0	0.7	0	0.27	0.73
6	2	6.1	5	5.88	13.90
7	2	5.0	4	4.75	9.26
8	2	5.5	3	4.32	7.52
9	3	8.0	4	6.60	9.88

TABLE 174

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION V

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	64	1.5	92	1.09	2.18
5	0	0.3	0	0.78	0.29
6	0	0.0	0	0.00	0.00
7	3	0.8	4	1.31	1.14
8	4	1.3	5	1.44	1.61
9	3	0.8	3	0.66	0.92
10	4	1.1	7	1.22	2.12
11	3	1.0	9	1.35	2.90
12	5	1.5	8	1.04	2.58
13	4	1.3	9	0.99	2.64
14	15	4.1	17	1.69	4.60
15	13	3.5	17	1.63	4.45
16	4	1.1	6	0.54	1.48
17	6	1.6	6	0.58	1.58
FEMALE	22	1.0	33	0.79	1.59
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	3	1.8	4	2.06	2.42
9	0	0.3	0	0.20	0.30
10	2	1.2	4	1.26	2.31
11	2	1.3	8	2.35	5.29
12	2	1.0	2	0.39	0.98
13	0	0.1	0	0.05	0.14
14	4	2.3	4	0.87	2.38
15	6	3.1	6	1.30	3.53
16	2	0.9	3	0.61	1.64
17	1	0.6	1	0.22	0.60
MALE	42	2.0	59	1.39	2.76
5	0	0.6	0	1.53	0.64
6	0	0.0	0	0.00	0.00
7	3	1.6	4	2.71	2.26
8	1	0.8	1	0.78	0.83
9	2	1.3	2	1.17	1.51
10	2	1.0	3	1.18	1.94
11	1	0.6	1	0.29	0.58
12	3	2.1	7	1.71	4.12
13	4	2.3	9	1.93	5.08
14	11	5.7	13	2.48	6.74
15	7	3.8	10	1.93	5.30
16	3	1.3	3	0.48	1.33
17	5	2.5	5	0.92	2.52

TABLE 175

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION V SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	45	1.4	66	1.02	2.06
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	3	1.0	4	1.71	1.48
8	4	1.4	5	1.68	1.87
9	0	0.0	0	0.00	0.00
10	2	0.9	5	1.07	1.87
11	3	1.2	9	1.76	3.78
12	4	1.4	6	0.97	2.41
13	2	0.9	6	0.86	2.32
14	12	4.2	14	1.77	4.87
15	9	3.1	10	1.29	3.60
16	3	1.1	4	0.49	1.35
17	4	1.3	4	0.46	1.29
FEMALE	16	1.0	24	0.75	1.53
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	1.8	3	2.30	2.68
9	0	0.0	0	0.00	0.00
10	1	0.7	2	0.73	1.34
11	2	1.7	8	3.08	6.88
12	1	0.9	1	0.35	0.91
13	0	0.0	0	0.00	0.00
14	3	2.5	3	0.91	2.50
15	4	3.2	4	1.14	3.18
16	1	0.5	1	0.33	0.93
17	1	0.7	1	0.26	0.71
MALE	29	1.8	41	1.29	2.58
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	3	2.0	4	3.56	2.95
8	1	1.1	1	1.02	1.09
9	0	0.0	0	0.00	0.00
10	1	1.2	3	1.43	2.38
11	1	0.8	1	0.37	0.77
12	2	1.9	5	1.61	3.86
13	2	1.8	6	1.74	4.59
14	8	5.8	10	2.61	7.16
15	4	2.9	6	1.43	3.99
16	3	1.8	3	0.63	1.76
17	3	1.8	3	0.66	1.85

TABLE 176

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION V NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	19	1.9	26	1.26	2.56
5	0	1.2	0	3.37	1.15
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	1	0.8	1	0.68	0.77
9	3	3.4	3	2.81	3.93
10	1	1.7	2	1.70	2.90
11	0	0.1	0	0.08	0.17
12	1	1.9	2	1.23	3.10
13	2	2.3	3	1.34	3.64
14	3	3.6	3	1.36	3.75
15	4	4.7	7	2.54	7.08
16	1	1.0	2	0.67	1.87
17	2	2.5	2	0.90	2.50
FEMALE	6	1.2	9	0.85	1.76
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	1	1.6	1	1.31	1.57
9	0	1.3	0	0.85	1.27
10	1	2.8	2	2.89	5.35
11	0	0.2	0	0.15	0.34
12	0	1.2	0	0.47	1.21
13	0	0.6	0	0.22	0.59
14	1	1.7	1	0.72	1.98
15	1	2.9	2	1.67	4.65
16	1	2.1	2	1.39	3.89
17	0	0.3	0	0.09	0.26
MALE	13	2.6	17	1.66	3.32
5	0	2.4	0	6.33	2.42
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	2	5.5	2	4.98	6.49
10	0	0.6	0	0.35	0.55
11	0	0.0	0	0.00	0.00
12	1	2.5	2	1.99	4.92
13	2	3.9	3	2.43	6.60
14	2	5.5	2	1.97	5.46
15	3	6.4	4	3.35	9.32
16	0	0.0	0	0.00	0.00
17	2	4.6	2	1.64	4.58

TABLE 177

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 REGION V

AGE	PER CENT SCORED 0	PER CENT SCORED 1	PER CENT SCORED 2	PER CENT SCORED 3	PER CENT SCORED 4	PER CENT * UNSCORED
BOTH	2.71	64.68	29.01	2.66	0.73	0.22
5	1.90	80.92	15.72	0.00	0.00	1.46
6	1.99	76.76	19.34	0.00	1.73	0.17
7	0.97	64.33	32.99	0.71	0.82	0.18
8	1.49	59.33	38.14	0.55	0.13	0.36
9	2.96	60.91	33.43	0.96	1.23	0.53
10	1.98	59.71	36.87	1.35	0.10	0.00
11	2.09	65.27	29.63	2.71	0.31	0.00
12	3.03	58.79	33.01	4.00	0.99	0.18
13	3.98	59.84	32.49	3.13	0.56	0.00
14	3.38	59.53	30.52	4.67	1.67	0.23
15	0.99	66.73	25.11	6.29	0.88	0.00
16	3.41	67.30	23.87	4.71	0.71	0.00
17	6.34	64.10	25.60	3.73	0.23	0.00
FEMALE	3.06	66.42	27.23	2.34	0.68	0.27
5	1.60	78.05	18.53	0.00	0.00	1.82
6	1.92	77.73	20.00	0.00	0.00	0.35
7	0.83	65.34	31.87	0.82	0.77	0.37
8	1.48	57.60	39.61	1.05	0.26	0.00
9	3.85	57.54	34.17	1.21	2.50	0.74
10	1.14	61.38	36.33	0.95	0.20	0.00
11	2.63	70.60	23.98	2.80	0.00	0.00
12	3.96	65.07	25.54	4.19	1.24	0.00
13	5.78	64.90	25.56	2.62	1.14	0.00
14	5.59	59.06	31.89	3.00	0.00	0.47
15	1.46	73.78	18.09	5.47	1.21	0.00
16	2.04	68.32	24.26	4.43	0.95	0.00
17	6.53	65.95	24.39	2.66	0.47	0.00
MALE	2.38	62.99	30.72	2.97	0.77	0.18
5	2.19	83.68	13.02	0.00	0.00	1.11
6	2.06	75.83	18.71	0.00	3.40	0.00
7	1.10	63.34	34.09	0.60	0.86	0.00
8	1.49	61.01	36.73	0.06	0.00	0.71
9	2.09	64.16	32.71	0.71	0.00	0.33
10	2.79	58.08	37.39	1.73	0.00	0.00
11	1.57	60.09	35.11	2.62	0.60	0.00
12	2.13	52.72	40.23	3.81	0.75	0.36
13	2.22	54.90	39.25	3.63	0.00	0.00
14	1.24	59.99	29.20	6.29	3.29	0.00
15	0.55	60.09	31.72	7.07	0.56	0.00
16	4.71	66.34	23.50	4.97	0.48	0.00
17	6.16	62.34	26.75	4.75	0.00	0.00

* SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

REGION VI

MAP

REGIONAL PROFILE

TREATMENT NEEDS BY DEMOGRAPHIC VARIABLES

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Figure 11

Region VI

The Region VI sample included 18 school districts containing 83 schools [78 public, 5 private] located in 32 communities in five of the ten states. The data for Region VI are based on the dental examinations of 5,239 school children.

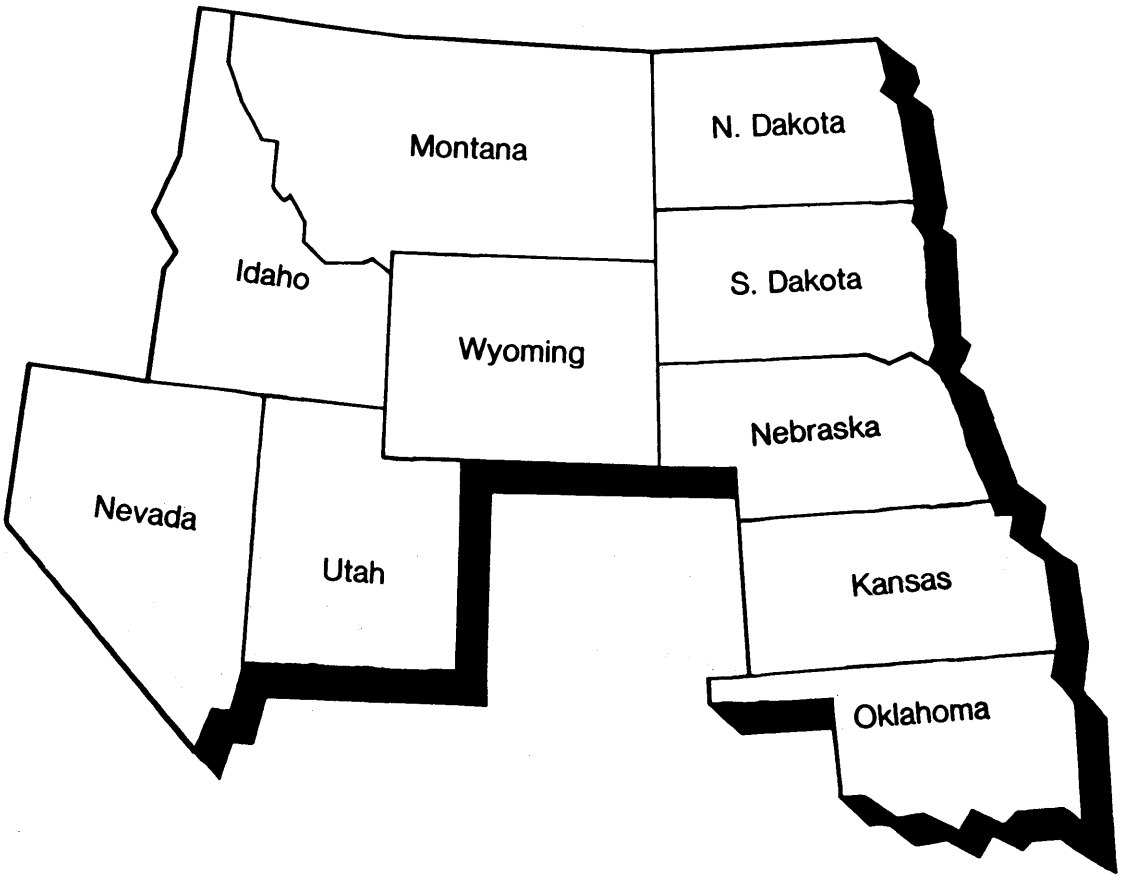

TABLE 178

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VI

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	469	18.0	1,129	21.94	43.41
5	2	2.2	3	13.25	4.43
6	6	3.7	8	9.58	5.14
7	25	12.1	40	22.15	19.24
8	30	14.8	61	26.96	29.91
9	22	11.2	41	15.70	20.66
10	40	20.2	92	28.08	46.81
11	44	22.6	108	26.27	54.91
12	36	17.8	99	20.64	49.53
13	42	19.8	120	21.33	56.09
14	58	25.4	155	25.07	67.93
15	53	22.0	110	16.77	45.82
16	58	24.0	142	21.63	58.91
17	54	22.1	151	22.80	61.44
FEMALE	247	19.3	614	23.89	48.04
5	2	4.2	3	21.77	8.49
6	3	3.5	4	8.65	4.93
7	14	13.7	22	23.90	22.17
8	17	16.7	37	33.33	37.85
9	12	12.7	25	18.12	25.44
10	20	20.7	54	30.66	55.72
11	20	21.2	50	23.39	51.43
12	21	21.5	61	25.08	61.82
13	24	23.0	61	21.71	57.67
14	27	24.6	79	26.04	70.65
15	27	23.1	46	14.59	39.55
16	30	25.6	77	24.15	65.52
17	30	25.0	95	29.80	79.56
MALE	222	16.8	515	20.00	38.94
5	0	0.0	0	0.00	0.00
6	3	3.9	4	10.66	5.36
7	11	10.5	17	20.24	16.44
8	13	13.0	23	20.56	22.31
9	10	9.8	16	13.07	16.07
10	20	19.7	39	25.16	38.33
11	24	23.9	58	29.35	58.27
12	15	14.2	39	16.13	37.72
13	18	16.7	59	20.95	54.54
14	30	26.1	76	24.14	65.33
15	26	21.1	64	18.80	51.76
16	28	22.5	65	19.25	52.63
17	24	19.4	55	16.21	44.08

TABLE 179

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VI SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	219	18.7	528	22.63	45.10
5	0	0.0	0	0.00	0.00
6	2	3.3	4	9.26	5.35
7	13	13.8	20	23.15	20.52
8	15	16.6	29	28.28	31.37
9	15	16.0	26	21.45	28.37
10	18	19.9	44	29.90	50.07
11	22	24.9	58	31.78	65.87
12	16	17.2	42	19.26	45.95
13	20	21.0	53	20.51	54.75
14	20	19.9	42	14.99	41.25
15	27	25.8	60	20.68	57.68
16	23	21.5	61	20.83	58.23
17	28	26.2	88	29.78	82.01
FEMALE	116	20.1	290	24.63	50.17
5	0	0.0	0	0.00	0.00
6	1	1.8	1	5.87	3.66
7	6	13.4	9	20.81	19.40
8	8	17.4	16	29.75	34.18
9	7	15.9	14	21.91	31.07
10	9	21.3	29	37.02	67.36
11	10	23.6	27	29.41	63.92
12	9	19.3	21	18.88	47.45
13	12	26.3	30	23.44	63.78
14	11	21.7	25	18.07	49.95
15	14	27.7	28	19.22	53.64
16	13	25.3	32	21.94	61.39
17	15	28.7	57	39.37	107.19
MALE	103	17.4	238	20.59	40.17
5	0	0.0	0	0.00	0.00
6	2	4.7	3	13.34	7.09
7	7	14.1	11	25.63	21.60
8	8	15.8	14	26.77	28.68
9	8	16.2	12	20.94	25.79
10	8	18.5	15	21.75	33.37
11	12	26.1	30	34.28	67.75
12	7	15.3	21	19.67	44.51
13	8	15.9	23	17.57	46.02
14	9	18.1	17	12.01	32.89
15	13	23.8	33	22.09	61.59
16	10	17.8	30	19.74	55.17
17	13	23.7	31	20.59	57.33

TABLE 180

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION VI NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	250	17.5	601	20.83	42.02
5	2	3.8	3	23.80	7.51
6	3	4.0	4	9.91	4.95
7	12	10.6	20	21.25	18.13
8	14	13.3	31	25.82	28.66
9	8	7.0	15	10.71	14.06
10	22	20.5	48	26.45	44.14
11	23	20.7	50	21.73	46.07
12	20	18.2	58	21.36	52.48
13	22	18.9	67	21.37	57.18
14	37	29.9	113	32.54	89.75
15	26	19.1	49	13.16	36.58
16	35	26.0	80	21.37	59.43
17	26	19.0	63	16.30	45.42
FEMALE	131	18.7	324	22.58	46.29
5	2	7.5	3	42.14	15.03
6	2	4.9	3	11.67	6.09
7	8	13.9	13	26.60	24.58
8	9	16.1	22	36.47	40.98
9	5	9.9	11	14.74	20.62
10	11	20.1	24	25.15	46.05
11	10	19.2	22	18.52	41.38
12	13	23.3	40	29.80	73.64
13	12	20.4	31	19.55	52.70
14	17	26.9	54	31.62	87.60
15	13	19.3	18	10.22	28.34
16	17	25.9	45	24.81	68.81
17	15	22.0	38	20.72	57.58
MALE	119	16.3	277	19.10	37.94
5	0	0.0	0	0.00	0.00
6	1	3.1	2	7.92	3.77
7	4	7.4	7	15.25	11.98
8	6	10.6	9	15.37	16.85
9	2	4.3	4	6.31	7.77
10	12	20.8	24	27.92	42.34
11	12	22.2	28	25.16	50.61
12	7	13.3	18	13.14	32.09
13	10	17.5	37	23.17	61.58
14	21	32.6	59	33.43	91.80
15	13	18.9	31	15.89	44.24
16	18	26.0	36	18.18	50.70
17	11	16.2	24	12.17	33.96

TABLE 181

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VI

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	247	25.3	847	60.35	86.74
5	53	29.7	167	48.98	94.25
6	52	27.3	182	55.28	96.40
7	48	22.8	173	58.72	83.04
8	52	25.8	187	78.10	92.41
9	43	21.4	137	69.30	68.99
FEMALE	121	25.4	378	56.79	79.20
5	26	29.8	76	46.01	87.75
6	28	29.6	81	50.79	87.00
7	22	22.0	72	51.69	70.34
8	24	24.0	82	71.32	82.93
9	22	22.2	68	76.76	69.64
MALE	126	25.2	469	63.56	93.95
5	27	29.7	91	51.77	100.46
6	24	25.1	102	59.44	105.44
7	25	23.6	101	64.96	95.17
8	28	27.6	105	84.39	101.49
9	21	20.7	70	63.32	68.38

TABLE 182

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VI SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	117	25.9	409	45.56	90.73
5	26	31.6	83	38.13	101.55
6	27	30.9	100	49.59	114.51
7	20	21.3	78	42.25	80.85
8	25	26.9	90	56.91	96.22
9	18	20.0	58	42.84	63.28
FEMALE	55	25.1	169	39.50	76.39
5	12	30.1	34	32.35	84.56
6	15	34.4	45	46.15	103.98
7	8	17.8	25	28.21	52.68
8	11	23.1	35	46.77	77.22
9	10	21.4	30	48.31	66.77
MALE	62	26.7	240	51.06	104.47
5	14	33.0	49	43.47	117.80
6	12	27.6	56	52.74	124.65
7	12	24.6	53	55.06	107.77
8	15	30.6	54	66.21	114.44
9	9	18.7	28	38.21	59.93

TABLE 183

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION VI NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	130	24.7	438	41.27	83.31
5	27	28.1	84	33.17	87.97
6	25	24.2	82	33.67	80.85
7	27	24.2	95	43.45	84.91
8	27	24.9	97	52.75	89.15
9	24	22.7	79	49.47	73.90
FEMALE	66	25.6	210	41.33	81.62
5	14	29.6	42	34.41	90.48
6	13	25.6	36	30.57	72.41
7	14	25.6	47	45.36	85.47
8	13	24.7	47	52.39	87.82
9	12	22.9	38	51.01	72.12
MALE	64	23.9	228	41.21	84.94
5	13	26.8	42	32.00	85.58
6	12	22.9	46	36.57	88.96
7	13	22.8	48	41.76	84.38
8	14	25.0	50	53.09	90.42
9	12	22.4	42	48.15	75.60

TABLE 184

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VI

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	23	0.9	29	0.56	1.12
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	1	0.4	1	0.61	0.68
9	0	0.0	0	0.00	0.00
10	1	0.5	1	0.32	0.53
11	2	1.0	2	0.46	0.97
12	1	0.4	1	0.15	0.37
13	1	0.5	1	0.19	0.49
14	7	3.2	10	1.66	4.51
15	3	1.4	4	0.61	1.66
16	2	0.8	2	0.29	0.80
17	5	2.2	7	1.02	2.76
FEMALE	11	0.8	14	0.55	1.11
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	1	0.9	1	1.22	1.39
9	0	0.0	0	0.00	0.00
10	1	1.1	1	0.60	1.09
11	0	0.0	0	0.00	0.00
12	1	0.8	1	0.31	0.76
13	0	0.0	0	0.00	0.00
14	3	2.6	4	1.31	3.55
15	1	0.9	2	0.55	1.49
16	1	1.0	1	0.36	0.98
17	3	2.3	4	1.31	3.49
MALE	13	1.0	15	0.58	1.12
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	2	1.9	2	0.96	1.91
12	0	0.0	0	0.00	0.00
13	1	1.0	1	0.37	0.97
14	4	3.7	6	2.00	5.42
15	2	1.8	2	0.66	1.82
16	1	0.6	1	0.23	0.62
17	3	2.1	3	0.76	2.07

TABLE 185

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VI SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	8	0.7	10	0.44	0.88
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.5	1	0.92	1.02
9	0	0.0	0	0.00	0.00
10	1	1.2	1	0.70	1.18
11	1	1.2	1	0.57	1.19
12	1	0.6	1	0.23	0.55
13	0	0.2	0	0.07	0.18
14	2	1.7	2	0.83	2.29
15	0	0.4	0	0.13	0.36
16	1	0.9	1	0.32	0.89
17	1	1.4	3	0.99	2.73
FEMALE	5	0.8	7	0.55	1.13
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	1.0	1	1.82	2.09
9	0	0.0	0	0.00	0.00
10	1	2.4	1	1.32	2.40
11	0	0.0	0	0.00	0.00
12	1	1.1	1	0.45	1.13
13	0	0.0	0	0.00	0.00
14	0	0.4	0	0.13	0.36
15	0	0.7	0	0.26	0.72
16	1	1.0	1	0.35	0.99
17	1	2.8	3	2.03	5.51
MALE	3	0.5	4	0.33	0.64
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	2.3	1	1.18	2.33
12	0	0.0	0	0.00	0.00
13	0	0.3	0	0.13	0.35
14	2	2.9	2	1.51	4.14
15	0	0.0	0	0.00	0.00
16	0	0.8	0	0.28	0.79
17	0	0.0	0	0.00	0.00

TABLE 186

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION VI NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	16	1.1	19	0.65	1.31
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.4	0	0.35	0.38
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	0.8	1	0.38	0.80
12	0	0.2	0	0.09	0.22
13	1	0.7	1	0.28	0.74
14	5	4.4	8	2.29	6.32
15	3	2.2	4	0.96	2.67
16	1	0.7	1	0.26	0.72
17	4	2.8	4	1.00	2.79
FEMALE	6	0.9	8	0.54	1.10
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.8	0	0.70	0.79
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	0	0.4	0	0.18	0.45
13	0	0.0	0	0.00	0.00
14	3	4.5	4	2.23	6.17
15	1	1.0	1	0.75	2.09
16	1	1.0	1	0.35	0.98
17	1	1.9	1	0.67	1.87
MALE	10	1.3	11	0.76	1.51
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	1.6	1	0.78	1.57
12	0	0.0	0	0.00	0.00
13	1	1.5	1	0.56	1.48
14	3	4.3	4	2.35	6.47
15	2	3.2	2	1.15	3.21
16	0	0.5	0	0.17	0.48
17	3	3.6	3	1.31	3.64

TABLE 187

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VI

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	43	4.4	63	4.46	6.41
5	5	2.7	6	1.84	3.54
6	6	3.3	11	3.30	5.75
7	11	5.1	13	4.54	6.42
8	7	3.7	11	4.49	5.31
9	13	6.7	21	10.72	10.67
FEMALE	16	3.4	25	3.70	5.17
5	1	1.7	2	1.28	2.44
6	2	2.0	3	1.97	3.37
7	3	3.0	4	2.91	3.96
8	2	2.4	4	3.83	4.45
9	7	7.5	11	12.45	11.30
MALE	27	5.3	38	5.14	7.59
5	3	3.7	4	2.37	4.60
6	4	4.6	8	4.54	8.05
7	8	7.0	9	5.98	8.77
8	5	4.9	6	5.10	6.14
9	6	6.0	10	9.33	10.08

TABLE 188

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VI SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	20	4.3	28	3.10	6.18
5	1	1.7	2	1.00	2.67
6	3	3.2	5	2.62	6.06
7	6	6.0	6	3.45	6.61
8	4	4.4	6	3.98	6.72
9	5	5.9	8	5.69	8.40
FEMALE	8	3.5	11	2.59	5.01
5	0	0.0	0	0.00	0.00
6	1	3.0	3	2.62	5.91
7	1	1.2	1	0.63	1.19
8	2	3.6	3	3.44	5.68
9	4	9.3	5	8.60	11.89
MALE	12	5.1	17	3.57	7.30
5	1	3.3	2	1.93	5.22
6	2	3.5	3	2.62	6.20
7	5	10.5	6	6.03	11.79
8	2	5.1	4	4.47	7.72
9	1	2.6	2	3.23	5.06

TABLE 189

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION VI NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	23	4.4	35	3.27	6.61
5	3	3.6	4	1.62	4.30
6	3	3.4	6	2.29	5.49
7	5	4.3	7	3.20	6.26
8	3	3.1	4	2.43	4.11
9	8	7.4	14	8.45	12.62
FEMALE	8	3.3	14	2.69	5.30
5	1	3.2	2	1.73	4.54
6	1	1.2	1	0.50	1.19
7	3	4.6	3	3.36	6.34
8	1	1.3	2	2.03	3.40
9	3	5.9	6	7.63	10.78
MALE	15	5.5	21	3.81	7.85
5	2	4.1	2	1.52	4.07
6	3	5.6	5	3.96	9.63
7	2	4.1	4	3.06	6.18
8	3	4.8	3	2.81	4.79
9	5	8.9	8	9.15	14.37

TABLE 190

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VI

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	37	1.4	52	1.00	1.98
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.2	0	0.14	0.18
10	1	0.5	1	0.32	0.53
11	2	0.8	2	0.46	0.97
12	1	0.6	1	0.26	0.62
13	5	2.3	9	1.52	4.00
14	9	3.9	13	2.17	5.88
15	3	1.4	5	0.75	2.05
16	6	2.5	8	1.26	3.43
17	10	3.9	12	1.79	4.82
FEMALE	25	1.9	37	1.44	2.90
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.4	0	0.26	0.37
10	1	1.1	1	0.60	1.09
11	0	0.0	0	0.00	0.00
12	1	0.8	1	0.31	0.76
13	3	2.5	5	1.91	5.08
14	6	5.3	10	3.25	8.83
15	3	2.6	4	1.42	3.86
16	4	3.6	6	1.99	5.39
17	7	5.7	9	2.76	7.36
MALE	12	0.9	15	0.56	1.10
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	2	1.5	2	0.96	1.90
12	1	0.5	1	0.21	0.50
13	2	2.2	3	1.13	2.94
14	3	2.5	4	1.13	3.06
15	0	0.2	0	0.13	0.35
16	2	1.6	2	0.57	1.56
17	3	2.2	3	0.88	2.39

TABLE 191

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VI SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	15	1.3	24	1.03	2.06
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	1.2	1	0.70	1.18
11	1	1.2	1	0.79	1.63
12	1	0.6	1	0.23	0.55
13	2	2.0	4	1.40	3.74
14	2	2.3	4	1.46	4.02
15	2	1.8	3	0.99	2.77
16	4	3.4	6	1.89	5.29
17	3	2.8	5	1.65	4.55
FEMALE	11	1.9	17	1.47	2.99
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	2.4	1	1.32	2.40
11	0	0.0	0	0.00	0.00
12	1	1.1	1	0.45	1.13
13	1	2.0	2	1.45	3.93
14	1	1.6	2	1.40	3.88
15	2	3.3	2	1.72	4.81
16	3	5.8	5	3.42	9.57
17	3	5.2	4	3.09	8.41
MALE	5	0.8	7	0.59	1.15
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	2.3	1	1.62	3.20
12	0	0.0	0	0.00	0.00
13	1	1.9	2	1.36	3.55
14	2	2.9	2	1.51	4.14
15	0	0.4	0	0.29	0.80
16	1	1.1	1	0.41	1.14
17	0	0.4	0	0.27	0.75

TABLE 192

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION VI NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	22	1.5	27	0.95	1.92
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.3	0	0.26	0.34
10	0	0.0	0	0.00	0.00
11	0	0.4	0	0.20	0.43
12	1	0.7	1	0.28	0.68
13	3	2.7	5	1.57	4.21
14	7	5.2	9	2.69	7.41
15	1	1.0	2	0.54	1.49
16	2	1.8	3	0.71	1.97
17	7	4.9	7	1.81	5.04
FEMALE	14	2.0	20	1.37	2.82
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.7	0	0.49	0.69
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	0	0.4	0	0.18	0.45
13	2	2.9	4	2.23	6.01
14	5	8.4	8	4.65	12.87
15	1	2.1	2	1.12	3.10
16	1	1.7	1	0.75	2.07
17	4	6.2	4	2.35	6.52
MALE	8	1.1	8	0.53	1.06
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.9	0	0.42	0.85
12	1	0.9	1	0.37	0.91
13	1	2.4	1	0.92	2.44
14	1	2.2	1	0.79	2.18
15	0	0.0	0	0.00	0.00
16	1	1.9	1	0.67	1.88
17	3	3.6	3	1.31	3.64

TABLE 193

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VI

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	45	1.7	57	1.11	2.19
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	0.3	1	0.34	0.29
8	1	0.5	2	0.72	0.80
9	0	0.2	0	0.18	0.24
10	2	1.3	2	0.75	1.25
11	9	4.6	16	3.87	8.08
12	2	1.0	2	0.41	0.99
13	5	2.2	5	0.87	2.30
14	9	4.1	10	1.60	4.34
15	7	3.0	11	1.66	4.54
16	5	2.0	5	0.72	1.95
17	4	1.4	4	0.53	1.43
FEMALE	24	1.9	27	1.05	2.12
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	1	0.9	2	1.44	1.63
9	0	0.5	0	0.34	0.48
10	2	2.6	2	1.42	2.57
11	5	4.8	6	2.86	6.28
12	2	2.0	2	0.82	2.03
13	1	0.9	1	0.33	0.88
14	6	5.0	6	1.83	4.97
15	4	3.3	5	1.46	3.97
16	2	1.6	2	0.59	1.60
17	2	1.3	2	0.48	1.28
MALE	21	1.6	30	1.16	2.25
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	0.6	1	0.71	0.58
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	4	4.4	10	4.95	9.82
12	0	0.0	0	0.00	0.00
13	4	3.5	4	1.41	3.68
14	4	3.2	4	1.38	3.73
15	3	2.8	6	1.85	5.08
16	3	2.3	3	0.84	2.29
17	2	1.6	2	0.58	1.58

TABLE 194

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VI SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	21	1.8	29	1.23	2.44
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	0.6	1	0.72	0.64
8	0	0.5	1	0.63	0.70
9	0	0.0	0	0.00	0.00
10	2	2.3	2	1.39	2.33
11	6	6.9	12	6.65	13.78
12	1	1.6	1	0.69	1.65
13	2	1.7	2	0.71	1.90
14	1	0.6	1	0.45	1.25
15	3	2.6	3	0.93	2.59
16	3	2.4	3	0.86	2.40
17	3	3.1	3	1.13	3.11
FEMALE	12	2.1	14	1.16	2.37
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	1.0	1	1.25	1.44
9	0	0.0	0	0.00	0.00
10	2	4.7	2	2.61	4.75
11	3	7.5	5	4.95	10.77
12	1	3.4	1	1.34	3.37
13	1	2.0	1	0.72	1.97
14	0	0.0	0	0.00	0.00
15	2	3.4	2	1.20	3.35
16	1	1.6	1	0.56	1.57
17	1	2.6	1	0.94	2.57
MALE	9	1.6	15	1.29	2.52
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	1.2	1	1.48	1.24
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	3	6.3	7	8.44	16.68
12	0	0.0	0	0.00	0.00
13	1	1.4	1	0.70	1.83
14	1	1.2	1	0.89	2.44
15	1	1.8	1	0.66	1.84
16	2	3.2	2	1.15	3.22
17	2	3.6	2	1.31	3.64

TABLE 195

PERMANENT TEETH NEEDING CROWNS FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION VI NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	23	1.6	28	0.98	1.98
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.4	1	0.79	0.88
9	0	0.4	0	0.33	0.44
10	0	0.4	0	0.22	0.37
11	3	2.8	4	1.64	3.49
12	1	0.5	1	0.19	0.46
13	3	2.6	3	0.98	2.63
14	9	6.9	9	2.49	6.86
15	5	3.4	8	2.18	6.07
16	2	1.6	2	0.58	1.60
17	0	0.1	0	0.05	0.13
FEMALE	12	1.7	13	0.94	1.92
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.9	1	1.60	1.80
9	0	0.9	0	0.64	0.89
10	0	0.8	0	0.42	0.76
11	1	2.7	1	1.20	2.67
12	1	0.9	1	0.38	0.93
13	0	0.0	0	0.00	0.00
14	6	9.0	6	3.26	9.04
15	2	3.2	3	1.61	4.46
16	1	1.6	1	0.59	1.63
17	0	0.3	0	0.09	0.26
MALE	11	1.5	15	1.03	2.04
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	2	2.9	2	2.12	4.27
12	0	0.0	0	0.00	0.00
13	3	5.2	3	1.96	5.20
14	3	4.8	3	1.74	4.78
15	2	3.5	5	2.72	7.56
16	1	1.6	1	0.57	1.58
17	0	0.0	0	0.00	0.00

TABLE 196

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VI

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	37	3.8	48	3.40	4.89
5	6	3.2	9	2.55	4.92
6	7	3.6	10	3.11	5.43
7	6	3.0	8	2.63	3.71
8	13	6.5	14	5.90	6.98
9	5	2.6	7	3.49	3.48
FEMALE	15	3.1	21	3.22	4.49
5	4	4.3	6	3.79	7.22
6	4	4.4	6	3.93	6.74
7	1	0.9	2	1.11	1.52
8	5	5.3	6	4.82	5.60
9	1	0.9	2	2.10	1.91
MALE	22	4.4	26	3.57	5.27
5	2	2.2	2	1.40	2.71
6	3	2.7	4	2.35	4.17
7	5	5.0	6	3.97	5.81
8	8	7.6	9	6.90	8.29
9	4	4.3	5	4.61	4.98

TABLE 197

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VI SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	18	4.0	21	2.32	4.62
5	2	2.1	3	1.32	3.51
6	2	2.7	3	1.33	3.08
7	2	2.5	3	1.49	2.85
8	10	10.6	11	6.70	11.33
9	2	1.8	2	1.43	2.12
FEMALE	5	2.4	6	1.40	2.71
5	1	2.4	2	1.56	4.07
6	1	1.6	1	0.71	1.61
7	0	0.0	0	0.00	0.00
8	4	8.0	4	4.86	8.03
9	0	0.0	0	0.00	0.00
MALE	13	5.5	15	3.15	6.45
5	1	1.9	1	1.10	2.98
6	2	3.7	2	1.91	4.50
7	2	4.8	3	2.85	5.58
8	6	13.0	7	8.39	14.50
9	2	3.4	2	2.64	4.15

TABLE 198

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION VI NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	19	3.6	27	2.54	5.13
5	4	4.1	6	2.31	6.12
6	4	4.4	8	3.10	7.44
7	4	3.4	5	2.28	4.45
8	3	3.0	4	1.93	3.25
9	4	3.3	5	3.11	4.65
FEMALE	9	3.7	15	3.05	6.02
5	3	5.9	5	3.78	9.94
6	3	6.9	6	4.70	11.14
7	1	1.7	2	1.49	2.82
8	2	2.9	2	2.11	3.53
9	1	1.6	2	2.51	3.55
MALE	10	3.6	11	2.07	4.27
5	1	2.5	1	0.93	2.48
6	1	1.9	2	1.60	3.89
7	3	5.1	3	2.97	6.01
8	2	3.0	2	1.76	2.99
9	3	5.0	3	3.62	5.69

TABLE 199

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 REGION VI

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	31	1.2	37	0.71	1.41
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	0.3	1	0.34	0.29
8	1	0.5	2	0.72	0.80
9	0	0.0	0	0.00	0.00
10	1	0.7	1	0.42	0.71
11	4	1.8	6	1.35	2.83
12	1	0.3	1	0.11	0.27
13	4	2.1	4	0.80	2.09
14	9	3.7	9	1.48	4.01
15	6	2.4	9	1.32	3.61
16	3	1.1	3	0.40	1.10
17	2	0.9	2	0.32	0.87
FEMALE	16	1.3	17	0.65	1.31
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	1	0.9	2	1.44	1.63
9	0	0.0	0	0.00	0.00
10	1	1.4	1	0.80	1.45
11	1	1.2	1	0.56	1.22
12	1	0.6	1	0.22	0.55
13	1	0.9	1	0.33	0.88
14	6	5.0	6	1.83	4.97
15	3	2.5	3	0.92	2.50
16	2	1.6	2	0.59	1.60
17	1	0.7	1	0.25	0.68
MALE	14	1.1	20	0.77	1.51
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	0.6	1	0.71	0.58
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	2	2.4	4	2.21	4.38
12	0	0.0	0	0.00	0.00
13	4	3.3	4	1.26	3.27
14	3	2.5	4	1.14	3.10
15	3	2.4	6	1.69	4.66
16	1	0.6	1	0.23	0.62
17	1	1.1	1	0.39	1.05

TABLE 200

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VI SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	11	1.0	14	0.58	1.16
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	0.6	1	0.72	0.64
8	0	0.5	1	0.63	0.70
9	0	0.0	0	0.00	0.00
10	1	1.6	1	0.94	1.57
11	2	1.9	3	1.64	3.41
12	1	0.6	1	0.25	0.60
13	1	1.4	1	0.54	1.44
14	1	0.6	1	0.45	1.25
15	2	1.7	2	0.61	1.71
16	1	0.8	1	0.28	0.77
17	2	2.0	2	0.72	1.99
FEMALE	6	1.1	6	0.55	1.11
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	1.0	1	1.25	1.44
9	0	0.0	0	0.00	0.00
10	1	3.2	1	1.75	3.19
11	0	1.1	0	0.51	1.11
12	1	1.2	1	0.49	1.23
13	1	2.0	1	0.72	1.97
14	0	0.0	0	0.00	0.00
15	1	1.6	1	0.56	1.57
16	1	1.6	1	0.56	1.57
17	1	1.5	1	0.56	1.53
MALE	5	0.9	7	0.62	1.21
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	1	1.2	1	1.48	1.24
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	2.7	3	2.84	5.62
12	0	0.0	0	0.00	0.00
13	0	0.9	0	0.36	0.94
14	1	1.2	1	0.89	2.44
15	1	1.8	1	0.66	1.84
16	0	0.0	0	0.00	0.00
17	1	2.4	1	0.87	2.43

TABLE 201

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION VI NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	19	1.3	23	0.80	1.62
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.4	1	0.79	0.88
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	2	1.7	3	1.11	2.36
12	0	0.0	0	0.00	0.00
13	3	2.6	3	0.98	2.63
14	8	6.3	8	2.28	6.28
15	4	3.0	7	1.83	5.09
16	2	1.4	2	0.49	1.35
17	0	0.0	0	0.00	0.00
FEMALE	10	1.4	10	0.72	1.48
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.9	1	1.60	1.80
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	1.3	1	0.59	1.32
12	0	0.0	0	0.00	0.00
13	0	0.0	0	0.00	0.00
14	6	9.0	6	3.26	9.04
15	2	3.2	2	1.17	3.24
16	1	1.6	1	0.59	1.63
17	0	0.0	0	0.00	0.00
MALE	9	1.3	13	0.88	1.75
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	1	2.0	2	1.68	3.38
12	0	0.0	0	0.00	0.00
13	3	5.2	3	1.96	5.20
14	2	3.6	2	1.32	3.63
15	2	2.7	5	2.44	6.81
16	1	1.1	1	0.39	1.10
17	0	0.0	0	0.00	0.00

TABLE 202

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 REGION VI

AGE	PER CENT SCORED 0	PER CENT SCORED 1	PER CENT SCORED 2	PER CENT SCORED 3	PER CENT SCORED 4	PER CENT * UNSCORED
BOTH	2.98	62.77	32.29	1.49	0.18	0.30
5	5.84	80.39	13.14	0.00	0.00	0.63
6	1.35	77.23	21.41	0.00	0.00	0.00
7	1.62	67.22	30.66	0.24	0.26	0.00
8	1.05	58.30	39.47	0.38	0.00	0.80
9	2.07	50.28	46.48	0.59	0.58	0.00
10	0.66	52.55	43.88	1.42	0.00	1.50
11	0.87	53.08	44.52	1.34	0.00	0.19
12	2.33	56.18	38.89	2.21	0.28	0.11
13	3.84	57.89	34.73	2.96	0.58	0.00
14	4.68	57.90	33.52	3.44	0.19	0.27
15	3.47	65.00	28.07	2.82	0.28	0.37
16	4.57	69.35	24.08	1.83	0.00	0.17
17	5.33	70.41	22.84	1.32	0.10	0.00
FEMALE	3.05	65.40	29.86	1.35	0.21	0.13
5	5.26	80.26	14.49	0.00	0.00	0.00
6	1.40	79.48	19.12	0.00	0.00	0.00
7	1.35	69.49	28.64	0.00	0.52	0.00
8	0.82	62.41	35.99	0.77	0.00	0.00
9	3.26	53.17	42.77	0.81	0.00	0.00
10	0.33	54.71	42.47	1.60	0.00	0.88
11	0.41	60.16	39.03	0.40	0.00	0.00
12	3.86	55.90	35.86	4.16	0.00	0.22
13	4.59	61.59	29.78	2.86	1.18	0.00
14	3.97	58.32	34.59	2.48	0.38	0.26
15	3.88	68.57	25.06	1.92	0.57	0.00
16	5.80	73.23	19.57	1.05	0.00	0.35
17	3.78	72.53	22.68	1.01	0.00	0.00
MALE	2.91	60.24	34.62	1.63	0.14	0.46
5	6.41	80.51	11.85	0.00	0.00	1.23
6	1.31	75.07	23.62	0.00	0.00	0.00
7	1.88	65.05	32.60	0.46	0.00	0.00
8	1.28	54.35	42.81	0.00	0.00	1.56
9	0.93	47.51	50.04	0.39	1.13	0.00
10	0.97	50.49	45.22	1.24	0.00	2.08
11	1.32	46.25	49.81	2.25	0.00	0.37
12	0.87	56.45	41.80	0.34	0.54	0.00
13	3.10	54.30	39.55	3.05	0.00	0.00
14	5.35	57.50	32.50	4.36	0.00	0.29
15	3.08	61.62	30.92	3.66	0.00	0.72
16	3.40	65.67	28.36	2.57	0.00	0.00
17	6.82	68.38	22.99	1.62	0.20	0.00

* SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

REGION VII

MAP

REGIONAL PROFILE

TREATMENT NEEDS BY DEMOGRAPHIC VARIABLES

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GINGIVAL TREATMENT

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Figure 12

Region VII

The Region VII sample included 26 school districts containing 82 schools [76 public, 6 private] located in 25 communities in all three states. The data for Region VII are based on the dental examinations of 5,473 school children.

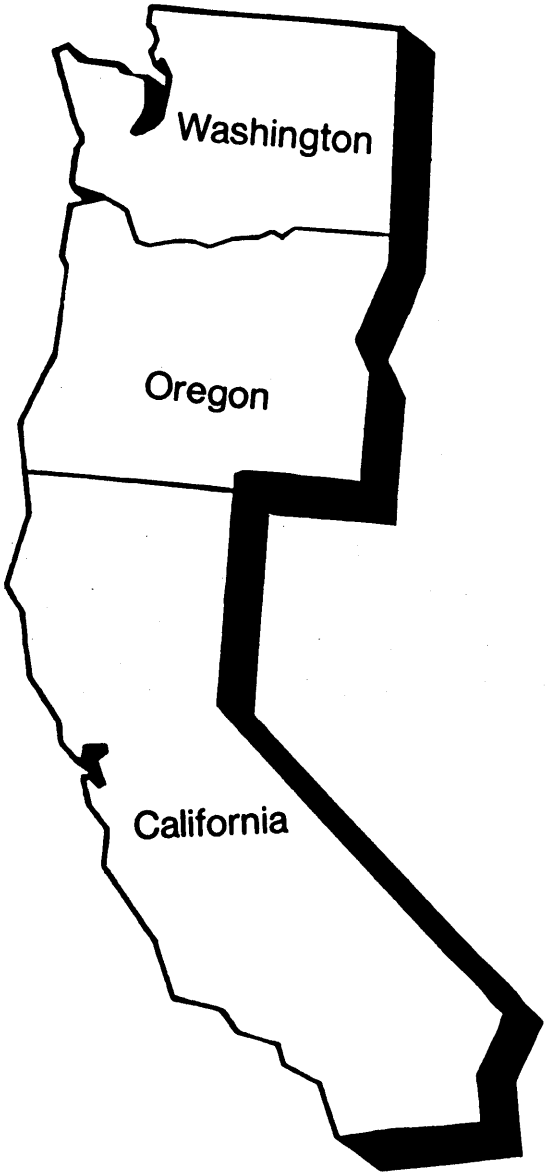


TABLE 203

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VII

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	852	14.9	1,895	16.44	33.07
5	3	2.2	6	12.01	4.38
6	11	3.3	16	8.66	4.70
7	44	10.0	73	18.35	16.40
8	53	12.2	100	20.23	23.04
9	51	11.9	88	15.04	20.34
10	69	15.7	139	18.46	31.50
11	58	13.3	132	14.12	30.11
12	81	18.0	198	17.90	43.76
13	104	21.6	239	18.92	49.80
14	100	19.6	252	18.33	49.36
15	84	15.8	219	15.24	41.07
16	94	17.5	197	13.49	36.75
17	98	17.9	236	15.88	43.23
FEMALE	447	15.8	964	16.75	34.09
5	3	3.5	6	16.19	7.06
6	9	4.7	11	10.72	6.08
7	24	10.9	42	20.32	19.18
8	29	13.5	49	19.33	23.17
9	24	11.4	49	16.44	23.30
10	40	18.6	79	19.75	36.32
11	34	16.0	75	15.38	34.80
12	42	18.9	91	16.26	41.06
13	50	21.1	141	22.48	59.47
14	52	20.7	110	16.21	43.80
15	50	19.4	105	15.32	41.03
16	41	15.8	75	10.60	28.85
17	49	18.7	131	18.35	49.74
MALE	405	13.9	931	16.13	32.08
5	0	0.3	0	2.35	0.62
6	3	1.8	5	6.08	3.14
7	20	9.1	30	16.16	13.65
8	24	10.9	51	21.17	22.92
9	27	12.4	38	13.56	17.48
10	29	12.9	60	17.02	26.87
11	24	10.7	57	12.74	25.59
12	40	17.1	107	19.58	46.35
13	54	22.1	99	15.43	40.41
14	48	18.5	143	20.38	54.72
15	34	12.4	113	15.17	41.11
16	53	19.1	122	16.18	44.10
17	48	17.2	104	13.58	37.11

TABLE 204

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VII SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	702	14.3	1,501	14.93	30.56
5	3	2.4	6	12.78	4.76
6	9	3.1	12	7.69	4.19
7	38	10.0	61	18.01	16.04
8	44	11.7	82	19.20	21.92
9	43	11.6	69	13.63	18.49
10	57	15.0	111	17.09	29.42
11	48	12.8	103	12.82	27.52
12	68	17.5	159	16.63	41.07
13	88	21.4	195	17.54	47.32
14	82	18.7	201	16.60	45.79
15	67	14.8	182	14.42	39.98
16	71	15.5	133	10.36	29.00
17	84	18.0	187	14.36	40.09
FEMALE	371	15.3	766	15.19	31.52
5	3	4.0	6	17.62	7.97
6	7	4.4	8	8.70	4.99
7	22	11.4	37	20.88	19.72
8	23	12.6	38	17.40	20.96
9	19	10.4	37	14.44	20.56
10	34	18.4	64	18.67	34.60
11	29	15.7	62	14.76	33.73
12	33	17.4	65	13.31	33.97
13	43	21.3	120	21.63	58.97
14	42	19.7	91	15.25	42.30
15	40	18.3	80	13.24	36.60
16	32	14.3	53	8.58	24.02
17	44	19.2	104	16.45	45.87
MALE	331	13.3	735	14.66	29.62
5	0	0.0	0	0.00	0.00
6	2	1.6	4	6.37	3.26
7	16	8.5	24	14.78	12.38
8	21	10.8	44	21.11	22.82
9	24	12.7	31	12.77	16.49
10	23	11.7	47	15.32	24.43
11	19	10.0	41	10.68	21.51
12	35	17.6	95	20.06	47.91
13	45	21.5	75	13.48	36.00
14	40	17.8	110	17.92	49.17
15	27	11.5	102	15.51	43.14
16	39	16.6	80	12.03	33.66
17	40	16.8	83	12.40	34.63

TABLE 205

PERMANENT SURFACE RESTORATIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION VII NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	150	18.3	394	23.47	48.14
5	0	1.0	0	5.97	1.94
6	2	4.6	4	14.66	7.83
7	6	10.3	12	20.21	18.57
8	9	14.9	18	26.24	29.81
9	9	14.0	19	23.37	31.52
10	13	20.0	28	26.85	44.06
11	10	16.5	29	20.95	45.67
12	13	20.8	39	24.25	59.94
13	16	22.8	44	24.16	64.65
14	18	24.7	52	25.63	70.73
15	17	21.6	37	17.04	47.51
16	23	29.1	64	29.57	82.51
17	14	17.7	49	22.13	61.74
FEMALE	76	19.1	198	23.83	49.75
5	0	0.0	0	0.00	0.00
6	2	6.8	3	24.94	13.23
7	2	7.4	5	16.85	15.88
8	6	19.0	11	30.79	36.38
9	5	17.5	12	28.14	39.93
10	6	19.9	14	26.17	46.80
11	6	18.2	13	17.64	41.24
12	9	27.7	26	32.86	84.02
13	7	19.9	21	22.94	62.47
14	10	26.9	19	19.08	52.86
15	9	25.9	25	24.22	67.64
16	9	24.3	21	20.75	57.82
17	6	15.8	28	26.15	72.87
MALE	74	17.6	196	23.12	46.61
5	0	2.0	0	11.99	3.93
6	1	2.4	1	4.51	2.43
7	4	13.0	7	23.56	21.13
8	3	11.0	7	21.51	23.50
9	3	10.6	7	18.29	23.42
10	6	20.1	13	27.61	41.44
11	5	14.9	16	24.59	49.90
12	5	14.3	12	15.48	37.00
13	9	25.7	23	25.38	66.74
14	8	22.6	33	31.92	87.76
15	7	17.8	12	10.51	29.26
16	14	33.4	43	37.55	104.94
17	8	19.4	21	18.45	51.52

TABLE 206

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VII

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	352	16.6	1,116	37.23	52.75
5	69	18.0	212	28.83	55.15
6	71	17.3	241	33.67	58.68
7	69	15.3	224	35.48	49.51
8	73	16.8	211	41.95	48.36
9	69	16.1	228	55.37	52.79
FEMALE	171	16.5	538	37.95	51.82
5	26	13.9	86	24.14	45.82
6	39	19.4	125	36.35	61.88
7	44	19.9	144	48.45	65.18
8	35	16.2	102	43.85	47.61
9	27	12.5	80	43.40	37.89
MALE	181	16.8	578	36.57	53.64
5	43	21.8	126	33.27	64.11
6	32	15.2	116	31.20	55.58
7	25	10.9	79	23.87	34.46
8	38	17.3	109	40.33	49.08
9	43	19.6	147	65.16	67.21

TABLE 207

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VII SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	275	15.1	795	21.97	43.74
5	52	15.8	118	13.42	35.77
6	52	14.8	163	19.69	46.16
7	55	14.1	173	23.16	44.58
8	61	16.1	161	25.83	43.02
9	55	14.9	179	33.47	48.41
FEMALE	135	15.1	387	22.54	43.38
5	19	11.4	45	10.66	27.74
6	31	17.6	92	23.24	52.92
7	36	18.9	117	33.09	61.40
8	29	16.0	75	25.40	40.90
9	20	11.1	58	23.20	31.92
MALE	140	15.1	408	21.46	44.08
5	34	19.9	73	15.94	43.49
6	22	12.1	71	16.44	39.62
7	19	9.4	56	14.26	28.41
8	31	16.3	86	26.21	45.05
9	35	18.5	121	42.50	64.38

TABLE 208

PRIMARY SURFACE RESTORATIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION VII NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	SURFACES NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	77	25.9	321	54.11	107.52
5	17	31.4	94	64.62	173.79
6	19	32.2	78	57.49	135.14
7	15	22.9	51	42.08	79.49
8	13	20.4	50	48.49	80.67
9	14	23.7	49	54.61	79.28
FEMALE	36	24.7	151	52.74	103.22
5	8	29.3	41	58.33	156.71
6	9	30.5	33	49.75	116.68
7	8	25.6	28	47.17	88.18
8	5	17.7	27	54.52	88.25
9	6	21.4	22	53.66	74.10
MALE	41	27.1	170	55.40	111.65
5	9	33.5	53	70.63	190.16
6	10	33.9	45	64.90	152.92
7	7	20.4	23	37.31	71.17
8	7	23.1	23	42.99	73.39
9	8	25.9	26	55.44	84.25

TABLE 209

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VII

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	3	0.1	3	0.03	0.06
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.02	0.03
12	0	0.0	0	0.00	0.00
13	1	0.2	1	0.07	0.18
14	0	0.0	0	0.00	0.00
15	1	0.1	1	0.04	0.11
16	0	0.0	0	0.00	0.00
17	2	0.3	2	0.12	0.32
FEMALE	2	0.1	2	0.04	0.09
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	1	0.3	1	0.11	0.28
14	0	0.0	0	0.00	0.00
15	0	0.0	0	0.00	0.00
16	0	0.0	0	0.00	0.00
17	2	0.7	2	0.25	0.67
MALE	1	0.0	1	0.02	0.03
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.1	0	0.03	0.07
12	0	0.0	0	0.00	0.00
13	0	0.1	0	0.03	0.08
14	0	0.0	0	0.00	0.00
15	1	0.2	1	0.08	0.20
16	0	0.0	0	0.00	0.00
17	0	0.0	0	0.00	0.00

TABLE 210

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VII SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	2	0.0	2	0.02	0.05
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	0	0.0	0	0.00	0.00
14	0	0.0	0	0.00	0.00
15	1	0.1	1	0.04	0.12
16	0	0.0	0	0.00	0.00
17	2	0.4	2	0.14	0.38
FEMALE	2	0.1	2	0.04	0.07
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	0	0.0	0	0.00	0.00
14	0	0.0	0	0.00	0.00
15	0	0.0	0	0.00	0.00
16	0	0.0	0	0.00	0.00
17	2	0.8	2	0.28	0.78
MALE	1	0.0	1	0.01	0.02
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	0	0.0	0	0.00	0.00
14	0	0.0	0	0.00	0.00
15	1	0.2	1	0.09	0.24
16	0	0.0	0	0.00	0.00
17	0	0.0	0	0.00	0.00

TABLE 211

PERMANENT TOOTH EXTRACTIONS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION VII NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	1	0.1	1	0.06	0.12
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.2	0	0.11	0.24
12	0	0.0	0	0.00	0.00
13	1	1.3	1	0.47	1.26
14	0	0.0	0	0.00	0.00
15	0	0.0	0	0.00	0.00
16	0	0.0	0	0.00	0.00
17	0	0.0	0	0.00	0.00
FEMALE	1	0.2	1	0.08	0.17
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	1	2.0	1	0.72	1.96
14	0	0.0	0	0.00	0.00
15	0	0.0	0	0.00	0.00
16	0	0.0	0	0.00	0.00
17	0	0.0	0	0.00	0.00
MALE	0	0.1	0	0.04	0.09
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.5	0	0.23	0.48
12	0	0.0	0	0.00	0.00
13	0	0.6	0	0.22	0.59
14	0	0.0	0	0.00	0.00
15	0	0.0	0	0.00	0.00
16	0	0.0	0	0.00	0.00
17	0	0.0	0	0.00	0.00

TABLE 212

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VII

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	71	3.4	118	3.94	5.58
5	11	2.9	35	4.70	9.00
6	10	2.4	14	1.97	3.43
7	12	2.7	14	2.26	3.15
8	6	1.5	8	1.60	1.84
9	31	7.3	47	11.44	10.91
FEMALE	26	2.5	35	2.45	3.35
5	0	0.2	1	0.21	0.39
6	5	2.4	6	1.85	3.15
7	4	1.7	5	1.72	2.31
8	3	1.2	4	1.59	1.72
9	15	7.0	19	10.20	8.91
MALE	45	4.2	83	5.27	7.72
5	11	5.5	34	8.96	17.26
6	5	2.4	8	2.08	3.70
7	8	3.7	9	2.74	3.95
8	4	1.7	4	1.60	1.95
9	17	7.6	28	12.45	12.84

TABLE 213

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VII SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	54	3.0	91	2.52	5.02
5	9	2.6	30	3.36	8.97
6	7	1.8	9	1.06	2.48
7	8	2.1	8	1.09	2.10
8	4	1.2	4	0.71	1.18
9	26	7.1	40	7.52	10.88
FEMALE	20	2.2	23	1.34	2.57
5	0	0.0	0	0.00	0.00
6	3	1.9	3	0.83	1.89
7	2	1.3	2	0.68	1.26
8	1	0.7	1	0.44	0.71
9	13	6.9	16	6.39	8.79
MALE	35	3.8	68	3.59	7.38
5	9	5.2	30	6.45	17.58
6	3	1.8	5	1.27	3.05
7	6	2.9	6	1.46	2.91
8	3	1.6	3	0.95	1.63
9	14	7.4	24	8.52	12.90

TABLE 214

PRIMARY TOOTH EXTRACTIONS NEEDED FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION VII NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	17	5.7	27	4.51	8.97
5	3	4.7	5	3.41	9.18
6	3	5.9	5	3.93	9.24
7	4	6.4	6	5.04	9.53
8	2	3.2	4	3.52	5.85
9	5	8.2	7	7.64	11.09
FEMALE	7	4.7	12	4.13	8.08
5	0	1.7	1	1.05	2.82
6	2	5.6	3	4.65	10.90
7	1	4.4	3	4.66	8.71
8	1	4.1	2	4.85	7.84
9	2	7.6	3	6.99	9.65
MALE	10	6.6	15	4.87	9.81
5	2	7.6	4	5.67	15.27
6	2	6.2	2	3.24	7.64
7	3	8.3	3	5.40	10.31
8	1	2.3	1	2.30	3.93
9	3	8.8	4	8.21	12.48

TABLE 215

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VII

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	39	0.7	46	0.40	0.80
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.3	2	0.36	0.49
10	1	0.3	2	0.20	0.35
11	0	0.1	0	0.03	0.07
12	6	1.4	7	0.59	1.44
13	2	0.4	2	0.19	0.51
14	6	1.3	6	0.46	1.25
15	6	1.1	7	0.47	1.26
16	7	1.3	8	0.52	1.42
17	10	1.8	12	0.81	2.21
FEMALE	20	0.7	24	0.42	0.85
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.1	0	0.07	0.10
10	1	0.3	1	0.16	0.30
11	0	0.0	0	0.00	0.00
12	5	2.5	5	0.97	2.45
13	1	0.3	1	0.21	0.56
14	5	1.9	5	0.69	1.85
15	1	0.5	2	0.24	0.63
16	1	0.6	2	0.33	0.91
17	6	2.3	8	1.08	2.92
MALE	19	0.7	22	0.38	0.75
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.4	2	0.68	0.88
10	1	0.3	1	0.25	0.39
11	0	0.1	0	0.07	0.14
12	1	0.3	1	0.20	0.47
13	1	0.5	1	0.18	0.46
14	2	0.7	2	0.25	0.67
15	4	1.6	5	0.68	1.84
16	5	1.9	5	0.70	1.90
17	4	1.4	4	0.56	1.54

TABLE 216

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VII SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	30	0.6	34	0.34	0.70
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.3	2	0.38	0.52
10	1	0.2	1	0.10	0.17
11	0	0.0	0	0.00	0.00
12	5	1.3	5	0.55	1.35
13	1	0.2	1	0.08	0.22
14	6	1.5	6	0.53	1.46
15	4	1.0	5	0.39	1.09
16	3	0.7	4	0.28	0.78
17	9	1.9	11	0.81	2.26
FEMALE	17	0.7	19	0.38	0.78
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	0.3	1	0.19	0.35
11	0	0.0	0	0.00	0.00
12	5	2.7	5	1.08	2.75
13	0	0.0	0	0.00	0.00
14	5	2.2	5	0.78	2.16
15	0	0.0	0	0.00	0.00
16	0	0.2	1	0.16	0.45
17	6	2.5	7	1.18	3.29
MALE	14	0.6	15	0.30	0.62
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	1	0.5	2	0.79	1.02
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	0	0.0	0	0.00	0.00
13	1	0.4	1	0.16	0.44
14	2	0.8	2	0.29	0.79
15	4	1.9	5	0.76	2.11
16	3	1.1	3	0.39	1.10
17	3	1.3	3	0.46	1.29

TABLE 217

PERMANENT TOOTH REPLACEMENTS NEEDED FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION VII NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	9	1.1	11	0.68	1.40
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.3	0	0.24	0.33
10	1	0.9	1	0.86	1.41
11	0	0.5	0	0.23	0.50
12	1	1.5	1	0.80	1.98
13	1	1.3	2	0.83	2.22
14	0	0.0	0	0.00	0.00
15	1	1.6	2	0.80	2.22
16	4	4.7	4	1.86	5.18
17	1	1.4	2	0.68	1.90
FEMALE	4	0.9	5	0.60	1.25
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.7	0	0.47	0.67
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	0	0.7	0	0.25	0.65
13	1	2.0	1	1.44	3.92
14	0	0.0	0	0.00	0.00
15	1	3.3	2	1.59	4.43
16	1	2.6	1	1.32	3.68
17	0	0.7	0	0.26	0.72
MALE	5	1.3	6	0.76	1.54
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	1	1.8	1	1.83	2.74
11	0	1.0	0	0.49	0.98
12	1	2.2	1	1.36	3.25
13	0	0.6	0	0.22	0.59
14	0	0.0	0	0.00	0.00
15	0	0.1	0	0.08	0.22
16	3	6.5	3	2.34	6.55
17	1	2.1	1	1.07	2.99

TABLE 218

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VII

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	52	0.9	68	0.59	1.18
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.5	2	0.48	0.55
9	0	0.1	0	0.05	0.07
10	3	0.6	4	0.59	1.01
11	1	0.3	1	0.16	0.34
12	12	2.7	20	1.78	4.36
13	5	0.9	5	0.42	1.10
14	2	0.4	3	0.24	0.65
15	7	1.3	7	0.47	1.28
16	8	1.4	9	0.60	1.62
17	13	2.3	15	1.03	2.80
FEMALE	31	1.1	42	0.73	1.48
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.1	0	0.05	0.06
9	0	0.1	0	0.10	0.15
10	0	0.0	0	0.00	0.00
11	0	0.2	1	0.12	0.26
12	10	4.7	18	3.20	8.07
13	4	1.7	5	0.74	1.96
14	0	0.1	0	0.04	0.10
15	3	1.2	3	0.44	1.19
16	2	0.7	2	0.30	0.82
17	10	3.9	13	1.82	4.93
MALE	22	0.8	26	0.45	0.89
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	1.0	2	0.94	1.02
9	0	0.0	0	0.00	0.00
10	3	1.2	4	1.26	1.98
11	1	0.4	1	0.21	0.42
12	2	0.8	2	0.33	0.79
13	0	0.2	1	0.10	0.26
14	2	0.8	3	0.44	1.18
15	4	1.4	4	0.50	1.36
16	6	2.1	7	0.87	2.37
17	2	0.8	2	0.29	0.78

TABLE 219

PERMANENT TEETH NEEDING CROWNS FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VII SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	39	0.8	50	0.50	1.02
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	0.6	2	0.49	0.56
9	0	0.0	0	0.00	0.00
10	3	0.7	4	0.68	1.18
11	1	0.2	1	0.08	0.16
12	11	2.9	19	1.95	4.80
13	3	0.7	4	0.32	0.86
14	0	0.0	0	0.00	0.00
15	4	1.0	4	0.35	0.98
16	5	1.0	5	0.35	0.98
17	10	2.1	12	0.90	2.51
FEMALE	22	0.9	32	0.63	1.32
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	10	5.2	17	3.54	9.03
13	3	1.5	4	0.64	1.74
14	0	0.0	0	0.00	0.00
15	2	0.8	2	0.29	0.81
16	0	0.0	0	0.00	0.00
17	8	3.4	9	1.50	4.19
MALE	16	0.6	18	0.36	0.72
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	2	1.1	2	1.00	1.09
9	0	0.0	0	0.00	0.00
10	3	1.3	4	1.45	2.31
11	1	0.3	1	0.16	0.32
12	1	0.7	1	0.30	0.73
13	0	0.0	0	0.00	0.00
14	0	0.0	0	0.00	0.00
15	3	1.1	3	0.41	1.13
16	5	1.9	5	0.68	1.90
17	2	0.9	2	0.33	0.92

TABLE 220

PERMANENT TEETH NEEDING CROWNS FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION VII NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	14	1.7	18	1.06	2.17
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.5	0	0.43	0.49
9	0	0.5	0	0.38	0.51
10	0	0.0	0	0.00	0.00
11	1	1.1	1	0.64	1.41
12	1	1.3	1	0.69	1.70
13	2	2.2	2	0.95	2.54
14	2	3.0	3	1.65	4.56
15	2	3.1	2	1.10	3.07
16	3	4.0	4	1.93	5.38
17	3	3.3	4	1.61	4.50
FEMALE	8	2.0	10	1.20	2.51
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.4	0	0.33	0.39
9	0	1.0	0	0.74	1.05
10	0	0.0	0	0.00	0.00
11	0	1.2	1	0.79	1.85
12	0	1.4	1	0.88	2.25
13	1	3.3	1	1.20	3.27
14	0	0.7	0	0.26	0.72
15	1	3.4	1	1.23	3.45
16	2	4.6	2	2.05	5.70
17	3	6.9	4	3.37	9.39
MALE	6	1.4	8	0.92	1.85
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.6	0	0.54	0.59
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	1.0	0	0.48	0.98
12	0	1.2	0	0.49	1.18
13	0	1.2	1	0.70	1.84
14	2	5.2	3	2.99	8.22
15	1	2.7	1	0.98	2.73
16	1	3.5	2	1.82	5.10
17	0	0.0	0	0.00	0.00

TABLE 221

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VII

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	62	2.9	121	4.02	5.70
5	15	4.0	37	5.02	9.60
6	6	1.4	13	1.86	3.24
7	14	3.0	15	2.38	3.33
8	12	2.6	16	3.23	3.72
9	16	3.7	39	9.51	9.07
FEMALE	20	2.0	23	1.66	2.26
5	3	1.7	3	0.90	1.71
6	1	0.6	2	0.67	1.14
7	8	3.7	8	2.73	3.67
8	3	1.5	3	1.46	1.59
9	5	2.2	6	3.47	3.03
MALE	42	3.9	97	6.15	9.02
5	12	6.2	34	8.92	17.18
6	5	2.2	11	2.95	5.26
7	5	2.4	7	2.07	2.99
8	8	3.7	13	4.75	5.78
9	11	5.2	33	14.46	14.91

TABLE 222

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGED 5-9 YEARS.
U.S. 1979-80 REGION VII SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	47	2.6	99	2.74	5.45
5	11	3.4	32	3.62	9.64
6	4	1.0	9	1.10	2.58
7	9	2.4	9	1.22	2.36
8	10	2.7	15	2.36	3.93
9	13	3.6	34	6.37	9.21
FEMALE	14	1.5	14	0.79	1.51
5	2	1.5	2	0.57	1.49
6	0	0.0	0	0.00	0.00
7	7	3.5	7	1.87	3.46
8	2	1.0	2	0.63	1.02
9	3	1.4	3	1.05	1.45
MALE	34	3.7	85	4.50	9.24
5	9	5.1	30	6.41	17.47
6	4	2.0	9	2.10	5.07
7	3	1.3	3	0.65	1.29
8	8	4.3	13	3.92	6.73
9	11	5.7	31	11.04	16.73

TABLE 223

PRIMARY TEETH NEEDING CROWNS FOR CHILDREN AGE 5-9 YEARS.
U.S. 1979-80 REGION VII NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	15	5.0	22	3.65	7.26
5	4	7.9	5	3.48	9.37
6	2	3.7	4	3.09	7.26
7	4	7.0	6	4.89	9.23
8	1	2.2	2	1.48	2.47
9	3	4.2	5	5.65	8.20
FEMALE	7	4.7	10	3.48	6.81
5	1	3.1	1	1.14	3.07
6	1	4.0	2	3.46	8.12
7	2	5.0	2	2.65	4.95
8	1	4.5	2	3.11	5.03
9	2	6.7	4	9.11	12.59
MALE	8	5.2	12	3.82	7.69
5	3	12.5	4	5.72	15.40
6	1	3.5	2	2.73	6.44
7	3	9.0	4	6.98	13.32
8	0	0.0	0	0.00	0.00
9	1	1.8	1	2.62	3.98

TABLE 224

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VII

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	25	0.4	40	0.35	0.70
5	0	0.0	0	0.00	0.00
6	0	0.1	1	0.68	0.37
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.1	0	0.05	0.07
10	3	0.6	4	0.59	1.01
11	1	0.2	1	0.10	0.22
12	7	1.5	17	1.57	3.84
13	1	0.1	1	0.05	0.14
14	0	0.1	0	0.02	0.05
15	5	1.0	5	0.36	0.97
16	2	0.3	2	0.14	0.39
17	6	1.0	7	0.50	1.37
FEMALE	17	0.6	30	0.52	1.06
5	0	0.0	0	0.00	0.00
6	0	0.2	1	1.22	0.69
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.1	0	0.10	0.15
10	0	0.0	0	0.00	0.00
11	0	0.1	0	0.04	0.10
12	7	2.9	17	3.03	7.66
13	1	0.3	1	0.11	0.28
14	0	0.0	0	0.00	0.00
15	5	1.8	5	0.66	1.77
16	1	0.3	1	0.12	0.33
17	3	1.3	5	0.73	1.99
MALE	8	0.3	10	0.17	0.34
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	3	1.2	4	1.26	1.98
11	1	0.3	1	0.17	0.34
12	0	0.2	0	0.07	0.17
13	0	0.0	0	0.00	0.00
14	0	0.1	0	0.04	0.10
15	1	0.2	1	0.09	0.24
16	1	0.4	1	0.17	0.45
17	2	0.8	2	0.29	0.78

TABLE 225

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDREN AGED 5-17 YEARS.
U.S. 1979-80 REGION VII SMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	17	0.3	31	0.31	0.64
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	3	0.7	4	0.68	1.18
11	1	0.2	1	0.08	0.16
12	6	1.6	17	1.74	4.31
13	0	0.0	0	0.00	0.00
14	0	0.0	0	0.00	0.00
15	4	0.8	4	0.29	0.81
16	0	0.0	0	0.00	0.00
17	4	0.9	6	0.44	1.23
FEMALE	12	0.5	24	0.47	0.99
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.0	0	0.00	0.00
12	6	3.3	17	3.44	8.77
13	0	0.0	0	0.00	0.00
14	0	0.0	0	0.00	0.00
15	4	1.7	4	0.61	1.68
16	0	0.0	0	0.00	0.00
17	2	0.8	4	0.56	1.56
MALE	5	0.2	7	0.15	0.29
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	3	1.3	4	1.45	2.31
11	1	0.3	1	0.16	0.32
12	0	0.0	0	0.00	0.00
13	0	0.0	0	0.00	0.00
14	0	0.0	0	0.00	0.00
15	0	0.0	0	0.00	0.00
16	0	0.0	0	0.00	0.00
17	2	0.9	2	0.33	0.92

TABLE 226

PULPAL TREATMENT NEEDED IN PERMANENT TEETH FOR CHILDRED AGED 5-17 YEARS
U.S. 1979-80 REGION VII NONSMSA

AGE	CHILDREN NEEDING TREATMENT (IN 1000'S)	PER CENT OF CHILDREN NEEDING TREATMENT	TEETH NEEDING TREATMENT (IN 1000'S)	TREATMENTS NEEDED PER 1000 TEETH	TREATMENTS NEEDED PER 100 CHILDREN
BOTH	8	0.9	9	0.53	1.08
5	0	0.0	0	0.00	0.00
6	0	0.6	1	4.86	2.60
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.5	0	0.38	0.51
10	0	0.0	0	0.00	0.00
11	0	0.6	0	0.26	0.58
12	1	1.0	1	0.42	1.04
13	1	1.0	1	0.36	0.96
14	0	0.4	0	0.13	0.35
15	2	2.0	2	0.70	1.96
16	2	2.4	2	0.97	2.71
17	2	2.2	2	0.78	2.16
FEMALE	5	1.3	6	0.74	1.54
5	0	0.0	0	0.00	0.00
6	0	1.3	1	9.79	5.19
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	1.0	0	0.74	1.05
10	0	0.0	0	0.00	0.00
11	0	0.7	0	0.29	0.68
12	0	0.9	0	0.35	0.89
13	1	2.0	1	0.72	1.96
14	0	0.0	0	0.00	0.00
15	1	2.3	1	0.84	2.34
16	1	2.3	1	0.82	2.29
17	2	4.5	2	1.62	4.52
MALE	2	0.6	3	0.32	0.64
5	0	0.0	0	0.00	0.00
6	0	0.0	0	0.00	0.00
7	0	0.0	0	0.00	0.00
8	0	0.0	0	0.00	0.00
9	0	0.0	0	0.00	0.00
10	0	0.0	0	0.00	0.00
11	0	0.5	0	0.23	0.48
12	0	1.2	0	0.49	1.18
13	0	0.0	0	0.00	0.00
14	0	0.7	0	0.25	0.69
15	1	1.6	1	0.58	1.61
16	1	2.4	1	1.11	3.09
17	0	0.0	0	0.00	0.00

TABLE 227

GINGIVAL TREATMENT NEEDS FOR CHILDREN AGED 5-17 YEARS
U.S. 1979-80 REGION VII

AGE	PER CENT SCORED 0	PER CENT SCORED 1	PER CENT SCORED 2	PER CENT SCORED 3	PER CENT SCORED 4	PER CENT * UNSCORED
BOTH	1.72	64.09	32.70	1.01	0.17	0.31
5	3.47	79.17	17.29	0.00	0.07	0.00
6	3.81	79.18	16.97	0.00	0.00	0.04
7	0.53	67.07	31.32	0.10	0.00	0.98
8	1.18	54.10	44.01	0.11	0.00	0.60
9	0.79	53.66	43.56	0.32	1.20	0.47
10	2.74	57.27	36.37	2.80	0.23	0.59
11	2.77	57.71	37.25	1.74	0.00	0.52
12	1.04	55.28	40.74	2.81	0.13	0.00
13	0.39	60.89	37.25	1.20	0.27	0.00
14	1.28	68.03	29.16	1.01	0.07	0.45
15	1.03	63.00	34.60	0.66	0.31	0.41
16	2.98	66.30	30.44	0.23	0.00	0.04
17	1.02	71.81	25.29	1.89	0.00	0.00
FEMALE	2.23	66.47	30.42	0.51	0.05	0.33
5	4.19	79.04	16.62	0.00	0.15	0.00
6	6.18	76.70	17.12	0.00	0.00	0.00
7	0.45	61.55	36.76	0.20	0.00	1.05
8	2.02	50.88	46.79	0.07	0.00	0.25
9	0.64	57.21	42.11	0.05	0.00	0.00
10	3.67	66.25	26.92	2.05	0.00	1.12
11	4.58	58.36	35.09	1.02	0.00	0.95
12	0.69	53.51	44.03	1.59	0.18	0.00
13	0.79	62.44	35.90	0.87	0.00	0.00
14	2.49	69.84	26.42	0.34	0.00	0.91
15	0.36	71.37	27.95	0.00	0.32	0.00
16	2.60	73.03	23.98	0.30	0.00	0.08
17	1.42	80.75	17.68	0.16	0.00	0.00
MALE	1.24	61.82	34.88	1.49	0.29	0.29
5	2.78	79.30	17.92	0.00	0.00	0.00
6	1.52	81.58	16.83	0.00	0.00	0.07
7	0.61	72.37	26.10	0.00	0.00	0.92
8	0.37	57.20	41.34	0.16	0.00	0.93
9	0.93	50.23	44.97	0.59	2.35	0.92
10	1.84	48.64	45.47	3.53	0.45	0.08
11	1.02	57.09	39.34	2.45	0.00	0.10
12	1.37	56.99	37.58	3.99	0.08	0.00
13	0.00	59.39	38.55	1.53	0.53	0.00
14	0.11	66.30	31.79	1.66	0.15	0.00
15	1.65	55.23	40.77	1.27	0.30	0.78
16	3.34	60.04	36.45	0.17	0.00	0.00
17	0.64	63.40	32.45	3.52	0.00	0.00

* SEE APPENDIX III FOR DIAGNOSTIC CRITERIA.

APPENDIX I

SURVEY DESIGN AND POPULATION ESTIMATES

SURVEY DESIGN

SAMPLING FRAME

SELECTION OF PSU'S

SELECTION OF CLASSES

SAMPLE WEIGHTS

TOTAL POPULATION ESTIMATES BY REGION

TOTAL PERMANENT TEETH ESTIMATES BY REGION

TOTAL PRIMARY TEETH ESTIMATES BY REGION

SURVEY DESIGN

The contiguous United States was divided into seven geographic regions selected according to the following criteria: First, the states were grouped according to the four regions used by the National Center for Health Statistics for the Health Examination Survey of 1971-73. Second, two of these regions were subdivided according to expected variations in caries experience which were estimated from previous epidemiological studies. The states comprising each geographic region are:

Region I	:	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont
Region II	:	New Jersey, New York and Pennsylvania
Region III	:	Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio and Wisconsin
Region IV	:	Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, West Virginia, and the District of Columbia
Region V	:	Arizona, Colorado, New Mexico and Texas
Region VI	:	Idaho, Kansas, Montana, Nebraska, Nevada, North Dakota, Oklahoma, South Dakota, Utah and Wyoming
Region VII	:	California, Oregon and Washington.

Each of the seven regions was subdivided into urban and suburban areas designated as Standard Metropolitan Statistical Areas (SMSA's) and rural areas not so designated (non-SMSA's). Within each of these fourteen subregions a multi-stage probability sample was selected. The first stage consisted of selecting 70 school districts or combinations of school districts as the Primary Sampling Units (PSU's). These 70 PSU's were equally allocated among the fourteen geographic urbanization strata. The second stage consisted of a probability sampling of schools and classrooms. Within each PSU, two classes of students in each grade, kindergarten through twelve, were to be sampled. Estimating 25 students per classroom, the sample size was to be approximately 40,000 children.

SAMPLING FRAME

The sampling frame for the survey was the roster of schools and school districts maintained by the Curriculum Information Center.* All types of schools, with the exception of special education, vocational and adult education, were included in the sample. Therefore, the entire population of United States school children in grades kindergarten through twelve was eligible to be sampled, except for students who attended one of the excluded schools exclusively. Children attending special education or vocational classes within a regular school were included in the sample.

*Market Data Retrieval, Westport, Connecticut 06880

SELECTION OF PSU'S

A PSU consisted of a public school district or combination of districts in conjunction with nearby private schools. The criteria for defining a PSU for this survey was as follows:

A PSU must have:

- at least one public school district
- at least 800 students
- each of the grades 1 through 6 in at least three separate schools, and
- each of the grades 7 through 12 in at least two separate schools.

For selection of the PSU's, each of the fourteen geographic-urbanization strata were further divided into five strata based on Census Bureau data (1975) for median income by county. Each PSU was assigned the median income value of the county in which the public school district was located, then arranged from lowest to highest in order of median income. If more than one county was involved, the PSU was assigned the median income of the county within which the first public school district was located. These were then divided into five groups of PSU's with approximately the same number of students in each of the groups. One PSU was then selected from each of the five strata for a total of 70 PSU's. The probability of selecting a particular PSU within a stratum was proportional to the number of students within the PSU. New York City was sampled with certainty as a single PSU because the number of students in all the schools within the five boroughs of New York City was large enough to constitute a single stratum of the Region II-SMSA cell.

SELECTION OF CLASSES

The classrooms were selected subject to the following conditions:

- at least three sample classrooms for each school,
- no more than one classroom per grade level per school.

Classes containing 10 or fewer students were combined with another class of the same grade within the same school or with a class from another school if neccessary. In situations where there were ungraded classes, lists of children were obtained and a random selection of approximately 30 students for a given age was drawn. Combined grades, if large enough, were considered as separate grades or they were designated as the grade with the larger number of students. After these adjustments, the total number of classrooms in the sample was 1904.

SAMPLE WEIGHTS

Five primary sampling units (PSU's) and twenty-six classrooms (2 per grade) were selected in each of the fourteen geographic cells to produce approximately equal reliability for estimates in each of the cells. The treatment needs estimates for a classroom are adjusted in three ways: 1) by the reciprocal of the probability of selection of the classroom, 2) for non-response and 3) by age-sex-race according to the 1978 U.S. census. The probability of selection was derived from

- the probability of selection of the PSU,
- the probability of selection of the school within the PSU,
- the probability that the particular grade level existed within that school, and
- the probability of selecting the classroom from all the classes within the grade.

The estimates for the class are then weighted by the reciprocal of this product. Selection of classes within PSU's was at a rate inversely proportional to size, so that the overall probabilities of selection of students at the grade level are about the same for each grade within each of the 14 region-urbanization cells. This keeps the sampling variance minimal for these fourteen cells. Selection methods for substitution were the same as for the initial sample. To adjust for nonresponse, the sample weight for a particular class was multiplied by the number of students in that class who were actually examined.

Of the original 70 PSU's selected, 14 did not participate; thus the response rate at the PSU level is 80 percent. Within the selected PSU's, it was necessary to substitute for 150 classes to achieve a response rate of 90 percent for classes. The number of students who were examined out of all those who were on the class enrollment lists was 37,956, an 84% response rate for student participation (Table H).

Table H. Response Rate of Students for Exams by Region.

Region	Number Classes Sampled	Number of Students in Sampled Classes	Number of Non-Response	Number of Refusals	Number of Absent/ No Show	Number Examined	Percent Examined
1	262	5974	436	409	113	5016	84%
2	260	6718	691	476	107	5444	81%
3	265	6496	522	371	119	5484	84%
4	264	6805	512	324	97	5872	86%
5	269	6275	478	280	89	5428	86%
6	313	6163	491	365	68	5239	85%
7	271	6789	772	430	114	5473	81%
Total	1904	45220	3902	2655	707	37956	84%

The 1978 census estimates of the number of students in an age-sex-race group within each of the fourteen geographic cells were obtained. These were divided by the survey estimates of the number of students in the age-sex-race group in these cells. Then each student's initial weight was multiplied by the age-sex-race adjustment ratio for the geographic cell within which the student resided. The resulting number was the final weight used for individuals of a particular age-sex-race classification in a particular class. All numbers presented in this report have been adjusted based upon these weights.

Because the small proportion of 18 year and older children still in high school is probably not representative of their age groups in the U.S. populations, they were eliminated from the analysis. Four-year-olds in kindergarten were eliminated for the same reason.

Population estimates for the children represented in this report are shown in Tables I and J. Counts of permanent and primary teeth for these populations are included in Tables K and L.

Table I. Estimates of Children Aged 5-9 with Primary Teeth

NUMBERS OF CHILDREN IN THOUSANDS

AGES	MALES	FEMALES	ALL
5	1,565	1,497	3,062
6	1,664	1,603	3,267
7	1,831	1,754	3,585
8	1,764	1,693	3,457
9	1,740	1,666	3,406
Total	8,564	8,213	16,777

TABLE J. TOTAL U.S. POPULATION AGED 5-17 BY REGION AND SEX

IN THOUSANDS

AGE	REGION 1	2	3	4	5	6	7	ALL
BOTH	2655	7785	12037	12221	4416	2738	6055	47906
5	164	490	767	790	289	177	385	3063
6	175	522	819	840	309	189	411	3266
7	193	573	900	917	342	208	452	3585
8	188	553	871	881	328	202	437	3461
9	185	547	861	871	324	200	432	3420
10	197	581	883	897	319	197	441	3515
11	196	574	875	883	316	196	437	3478
12	203	595	906	918	327	200	453	3601
13	216	631	962	970	347	214	481	3822
14	230	671	1024	1030	369	228	511	4063
15	233	675	1047	1066	378	239	532	4171
16	235	680	1051	1071	381	241	536	4195
17	240	692	1070	1088	387	245	545	4267
FEMALE	1299	3808	5886	5963	2166	1339	2959	23420
5	80	239	375	386	142	87	189	1498
6	86	256	402	412	152	93	202	1603
7	94	280	440	449	169	102	221	1754
8	92	271	426	432	161	99	215	1695
9	91	268	421	427	159	98	212	1675
10	96	284	432	439	157	96	217	1721
11	96	281	429	433	156	96	215	1706
12	99	291	443	449	161	98	222	1763
13	106	310	473	477	171	106	237	1879
14	112	328	501	504	182	112	251	1989
15	114	329	508	512	183	116	256	2019
16	115	332	513	515	185	117	258	2035
17	118	340	525	526	189	120	264	2081
MALE	1356	3976	6151	6258	2250	1398	3096	24486
5	84	251	392	404	148	91	197	1565
6	89	266	418	428	157	97	209	1664
7	99	293	460	468	173	107	230	1831
8	96	283	445	449	167	103	223	1765
9	95	279	439	444	165	102	220	1744
10	101	297	451	458	162	101	225	1794
11	100	293	446	450	160	100	223	1773
12	104	304	463	469	166	102	231	1838
13	110	322	490	493	176	108	244	1942
14	117	343	523	526	188	116	261	2073
15	120	346	539	554	195	123	276	2151
16	120	348	539	555	196	124	278	2159
17	122	352	546	562	198	125	281	2186

TABLE K. TOTAL PERMANENT TEETH BY REGION, AGE, AND SEX
IN THOUSANDS

AGE	REGION 1	2	3	4	5	6	7	ALL
BOTH	50739	150090	229756	234925	83868	51460	115284	916121
5	155	454	842	968	479	252	503	3654
6	822	2515	3907	4491	1428	835	1870	15867
7	1639	5058	8044	8148	2955	1802	3972	31619
8	2160	6275	9845	10027	3664	2245	4953	39168
9	2490	7602	11758	12098	4482	2627	5839	46896
10	3324	9875	14907	15998	5528	3282	7534	60448
11	4143	12369	18933	19144	6762	4102	9330	74782
12	4957	14995	22299	22893	8071	4809	11066	89090
13	5690	16939	25271	25768	9237	5628	12658	101191
14	6190	18321	27675	27988	10030	6176	13775	110155
15	6328	18436	28597	29043	10334	6531	14342	113611
16	6379	18460	28693	29010	10354	6560	14597	114053
17	6463	18791	28984	29349	10543	6610	14845	115585
FEMALE	25280	74848	114200	116959	41839	25692	57575	456394
5	88	221	356	566	235	154	351	1972
6	437	1346	2111	2474	773	450	1038	8629
7	864	2625	4155	4195	1528	940	2085	16393
8	1090	3155	5040	5045	1890	1124	2543	19888
9	1285	3896	6091	6215	2348	1373	3005	24212
10	1725	5247	7679	8372	2875	1745	3982	31626
11	2156	6394	9525	9901	3502	2118	4860	38457
12	2486	7447	11002	11570	4077	2421	5606	44610
13	2806	8379	12527	12915	4609	2805	6265	50306
14	3027	8922	13550	13748	4939	3026	6782	53993
15	3070	9010	13955	13931	4989	3150	6862	54967
16	3105	8990	13975	13907	4983	3181	7030	55171
17	3142	9216	14233	14120	5091	3205	7165	56171
MALE	25459	75242	115556	117965	42028	25768	57709	459728
5	67	233	486	402	244	99	152	1682
6	386	1168	1796	2016	655	385	832	7239
7	775	2433	3889	3953	1427	862	1887	15226
8	1070	3120	4805	4982	1775	1120	2409	19281
9	1205	3706	5667	5884	2135	1254	2834	22684
10	1600	4628	7228	7626	2653	1536	3552	28822
11	1986	5975	9408	9243	3260	1984	4469	36326
12	2471	7547	11298	11322	3993	2388	5460	44480
13	2884	8560	12744	12853	4627	2823	6394	50885
14	3163	9399	14125	14240	5091	3150	6993	56162
15	3258	9427	14641	15112	5345	3381	7481	58645
16	3274	9470	14718	15103	5371	3379	7567	58882
17	3321	9576	14751	15229	5452	3406	7680	59414

TABLE L. TOTAL PRIMARY TEETH BY REGION, AGE, AND SEX
IN THOUSANDS

AGE	REGION 1	2	3	4	5	6	7	ALL
BOTH	15357	44769	71127	69365	26513	16782	35564	279478
5	3180	9479	14762	15095	5479	3408	7370	58773
6	2979	8789	14054	13953	5311	3301	7167	55555
7	2745	7940	12541	12600	4755	2948	6303	49832
8	2177	6512	10191	10046	3910	2393	5039	40267
9	1829	5177	8404	8006	3090	1984	4110	32599
10	1294	3812	5852	5211	2089	1362	2926	22546
11	687	2048	2987	2678	1149	754	1525	11828
12	285	627	1339	1127	460	392	676	4906
13	96	209	532	387	124	106	228	1681
14	44	41	196	105	60	49	126	621
15	22	45	157	54	12	24	65	379
16	14	39	27	44	22	18	9	173
17	8	53	84	59	51	42	20	318
FEMALE	7106	20776	33326	31928	12420	7774	16351	129681
5	1542	4637	7270	7309	2690	1651	3583	28683
6	1440	4212	6747	6619	2565	1589	3441	26613
7	1281	3769	5927	6033	2301	1386	2977	23674
8	1040	3121	4754	4746	1835	1151	2330	18977
9	833	2364	3797	3582	1382	883	1850	14691
10	541	1513	2534	2105	920	553	1204	9369
11	231	746	1251	983	416	300	555	4482
12	115	265	636	337	170	146	212	1882
13	44	87	224	92	49	35	86	618
14	19	12	72	34	26	12	51	225
15	8	10	30	33	6	17	45	149
16	9	29	20	17	13	15	3	107
17	4	10	64	35	49	36	13	212
MALE	8251	23993	37801	37437	14093	9008	19213	149797
5	1638	4842	7492	7786	2789	1758	3787	30091
6	1539	4577	7308	7335	2747	1712	3726	28942
7	1464	4171	6614	6567	2454	1562	3327	26158
8	1137	3391	5437	5300	2075	1242	2709	21291
9	996	2812	4607	4424	1708	1101	2260	17908
10	753	2299	3318	3107	1169	809	1722	13177
11	456	1302	1736	1694	733	454	970	7345
12	170	361	703	789	290	246	464	3024
13	52	121	307	294	76	71	141	1063
14	25	28	124	72	34	38	75	395
15	14	35	127	20	6	7	20	230
16	4	9	7	27	10	3	6	66
17	4	43	20	23	2	6	7	106

APPENDIX II

FIELD PROCEDURES

TRAINING OF FIELD STAFF

ADVANCE ARRANGEMENTS FOR THE SURVEY

ROLE OF FIELD COORDINATORS

CONSENT FORMS

NOTICE OF NEED FOR DENTAL CARE

EQUIPMENT AND SUPPLIES

TRAINING OF FIELD STAFF

All permanent members of the field staff for the National Dental Caries Prevalence Survey received two weeks of structured training in survey procedures, followed by one week of supervised participation in a pilot field survey.

Each dentist, recorder and field coordinator was provided with a highly detailed manual of procedures that was prepared by staff members of the National Caries Program and Westat, Inc., who also conducted the training. The manual contained instructions on standard procedures applicable to all survey staff, as well as sections addressing the individual responsibilities and performance criteria for each member of the field team. Following the training period, these manuals were used as the standard reference to resolve problems or questions that arose during the survey. In addition to the pre-survey training, two short training sessions were held for assistant coordinators during the survey period.

Performance of examiners with regard to diagnostic consistency was closely monitored, both before and during the survey, and re-calibration was done as necessary.

At the end of the first phase of the survey, during school holidays in December, debriefing sessions were held for all field staff to share experiences, identify problems that had arisen and discuss successful solutions. Some modifications were made to logistical procedures as a result of these sessions.

ADVANCE ARRANGEMENTS FOR THE SURVEY

Extensive staff time and effort was required to obtain agreement for sampled classes to participate in the survey. Many advance contacts were made with school district committees, educational groups and representatives, dental organizations and dental public health officials, both local, regional and state. In several states, the involvement of the state dental director proved crucial to obtaining the necessary clearances to conduct survey examinations.

A required early contact was with the Committee on Evaluation and Information Systems (CEIS), a subcommittee of the chief state school officers. CEIS has responsibility for monitoring the progress of projects that involve state or local educational agencies. CEIS coordinators in the relevant states were informed of the survey through their Washington office.

The American Dental Association assisted by publishing a notice of the survey in their newsletter and by advising heads of dental societies in each state to be visited of the purpose of the survey, and encouraging their support.

In several states delays were encountered when licensing boards required review of the credentials of the survey examiners. However, only two states

refused permission to conduct the survey examinations, necessitating further sampling for those regions.

ROLE OF FIELD COORDINATORS

Field coordinators arrived in a school district at least two weeks in advance of the examination teams. They made courtesy calls on persons in the district who had been involved in advance negotiations, and also made direct contact with the principal of each school scheduled to be visited. Local assistants had already been recruited by Westat, Inc., and coordinators were responsible for their training in the logistics of the survey.

Coordinators identified space in the school buildings for the conduct of examinations, prepared rosters of students in the classes to be examined and made a brief presentation to the classes describing the survey. They were also responsible for devising an efficient scheme for moving students to and from the examination area. A major responsibility of the field coordinators was the transmission to parents of consent forms and information about the survey, and follow-up procedures to maximize participation of students.

CONSENT FORMS

Students were given forms to obtain the written, informed consent of parents for their participation in the survey. These forms were accompanied by a letter and brochure explaining the purpose of the survey.

When forms had not been returned in five days, a second form was mailed. A third follow-up was made, when necessary, by a letter or telephone call from a field coordinator.

These procedures resulted in an overall return of 91% of consent forms and in an 84% positive response rate.

NOTICE OF NEED FOR DENTAL CARE

At the completion of each survey examination, the student was given a form, completed by the examiner, which advised the parent whether the child was in need of dental attention or should continue routine, periodic dental visits. A copy of this form was kept by the school for inclusion in the student's health file.

EQUIPMENT AND SUPPLIES

Six vans were used to transport the examiner-recorder teams from site to site. In addition to the examining equipment, vans were equipped with the supplies needed for the examinations. Thereafter it was the responsibility of the dental team to take inventory before leaving a school district and

order additional supplies before their current allotment was depleted. The following materials were available to each team:

Equipment

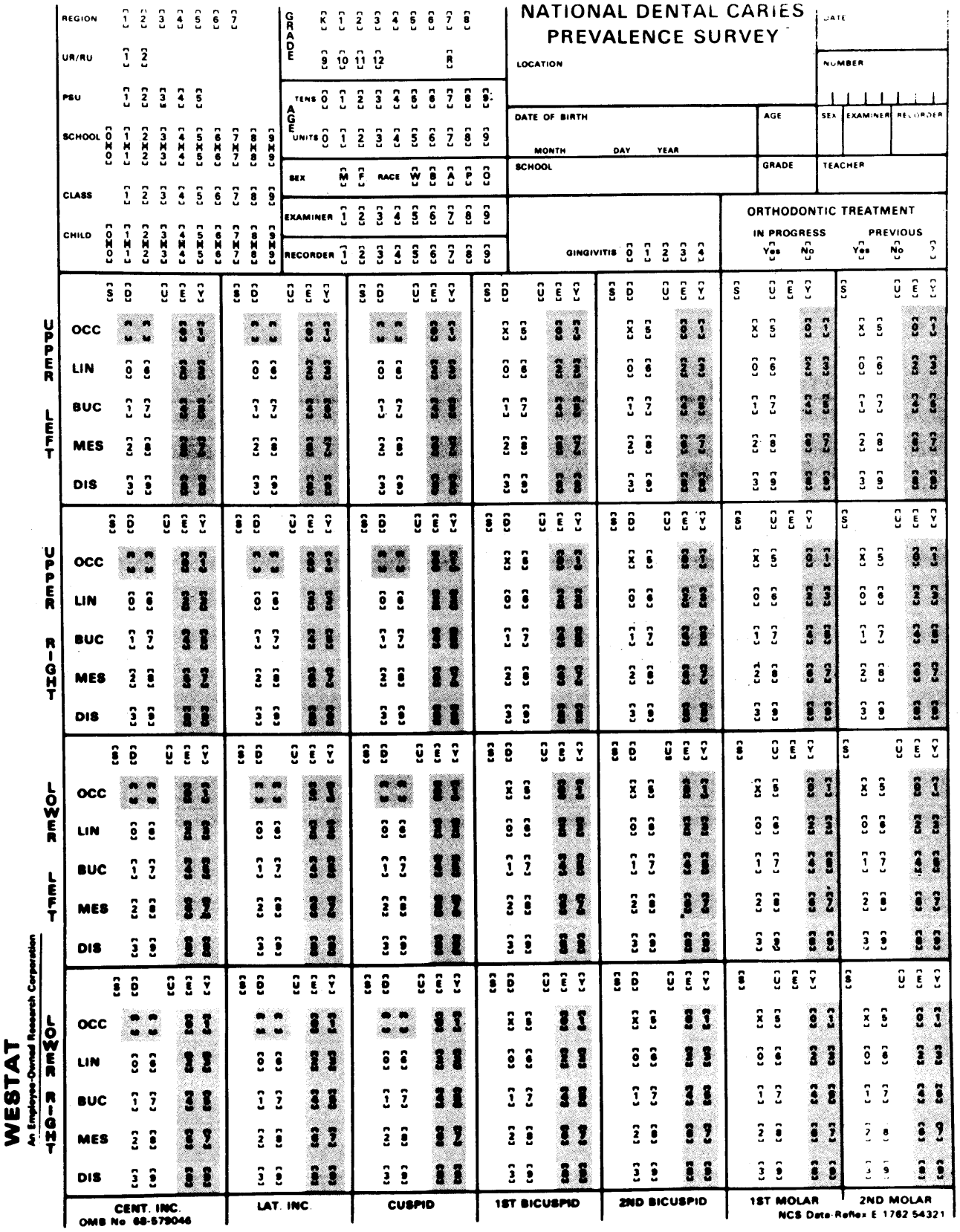
Portable dental chair with carrying bag and light post
Portable light
Examining stool
Air compressor pump
Folding table
Tips and hoses for air compressor
Trays
Plastic sterilization containers
First Aid kit

Supplies

Explorers (#23)
Mirrors (plane front surface)
Cidex
Zepherin
Light bulbs
2x2 gauze
Wash basin
Paper towels
Rubber gloves
Extension cords
#2 Pencils
Pens
Erasers
Pliers
Screwdriver
Allen wrench
Rubber bands
Triple socket
Masks
Tape

OPTICAL SCANNING FORM USED TO RECORD

RESULTS OF DENTAL EXAMINATION



APPENDIX III

DIAGNOSTIC CRITERIA FOR DENTAL EXAMINATION

DENTAL RESTORATIVE TREATMENT NEED INDEX

STATUS OF ORTHODONTIC TREATMENT

GINGIVAL TREATMENT NEED INDEX

NATIONAL DENTAL CARIES PREVALENCE SURVEY
DENTAL RESTORATIVE TREATMENT NEED INDEX

INTRODUCTION

The DMF surface index is valuable for use in clinical studies or epidemiological surveys to measure differences in caries experience among different groups of people or in the same group at different times. However, DMF surface data do not provide a satisfactory measure of the need for dental care in groups that are examined. For example, knowing that 16-year old children in a community have an average DMF surface score of 18 per child gives no indication of how many three-surface restorations, replacements of unsatisfactory restorations, crowns or extractions are needed by those children. Such information is essential for planning treatment programs of restorative care for population groups.

Therefore, the Dental Restorative Treatment Need Index has been developed to collect valid information on requirements for reparative dental care. The data collected from application of this simple index should be valuable for estimating the number and types of dental services and personnel required to provide comprehensive dental care for our nation's school children.

TREATMENT CODES

0 = No Treatment Needed
1 = 1 Surface Restoration
2 = 2 Surface Restoration (or 2 <u>One</u> Surface Restorations)
3 = 3 Surface Restoration (or 3 <u>One</u> Surface Restorations or 2 Surface + 1 Surface Restorations)
4 = More Than 3 Surfaces, But Not A Crown (Code 7)
5 = Extraction of Primary Tooth
6 = Extraction of Permanent Tooth
7 = Crown (Either Primary or Permanent)
8 = Tooth Replacement - When Permanent Tooth Already Missing And Replacement Needed
9 = Root Canal or Other Pulpal Treatment Needed
68 = Extraction of Permanent Tooth and Replacement Needed
79 = Pulpal Treatment And A Crown Needed

GENERAL INSTRUCTIONS

In using the Dental Restorative Treatment Need (DRTN) Index, one code is used to designate the treatment required for each tooth space. The examiners should decide what treatment, if any, is needed for each tooth space at the time of examination. Current concepts of good, basic dental practice should be used in making diagnoses of the need for care. Immediately after a DMF score has been assigned to a tooth space, the appropriate DRTN code should be determined and entered on the examination form. There must be an entry for Dental Restorative Treatment Need for each tooth space.

If a portion of an existing restoration is defective or has adjacent recurrent decay, but part of the restoration is intact, the entire restoration should be indicated for replacement. In other words, dovetailing of a new restoration into a satisfactory, existing portion of a restoration is not permitted.

When there is a treatment requirement for both a primary and permanent tooth in the same space, e.g., a restoration in a permanent tooth and extraction of a primary tooth, the requirement for both the permanent and primary tooth should be recorded.

Other than the need for extraction, no treatment needs for primary incisors should be indicated for any children examined in the survey. Thus, all primary incisors should be coded either as 0 or 5. A complete array of treatment needs may be recorded for primary cuspids and molars for all children examined in the survey through the age of 9. For children 10 and older, treatment needs for posterior primary teeth should be limited to 0 and 5.

It is not necessary to record the need for space maintenance or tooth replacement following the designated extraction of primary teeth. This need will be automatically handled by statistical programming, according to the age of the child.

A code of 68 should be recorded when a permanent tooth is designated for extraction, and when the examiner judges that a tooth replacement is needed and feasible. If following extraction examiner believes that a replacement of the tooth is not warranted or possible, e.g., inadequate space, no opposing tooth or no suitable tooth for an abutment exists, a code for 6 only should be recorded.

STATUS OF ORTHODONTIC TREATMENT

CRITERIA AND QUESTIONS

The orthodontic treatment status is to be recorded for all children examined regardless of age.

#1 Orthodontic treatment in progress

Code:
- ☐ Yes
- ☐ No

The examiner is to determine if orthodontic treatment is currently in progress by visual observation of the child's mouth. All orthodontic appliances, including space maintainers or regainers, are to be coded as a Yes on the data form.

#2 Previous orthodontic treatment

Code:
- ☐ Yes
- ☐ No
- ☐ Dont°t know

The examiner is to determine if the child has had previous orthodontic treatment. Each child will be asked to respond to the following question:

HAVE YOU EVER HAD YOUR TEETH STRAIGHTENED OR HAD BANDS PUT ON THEM?

The examiner should then determine if the child really understands the question before coding a "yes," "no" or "don°t know" for the child°s response.

NATIONAL DENTAL CARIES PREVALENCE SURVEY
GINGIVAL TREATMENT NEED INDEX

INTRODUCTION

A mouth mirror is the only instrument used in this part of the examination. Periodontal probes--though useful in assessing periodontal status--will not be used.

The periodontal examination is made in the same order each time, i.e., starting with the last tooth in the upper right quadrant and moving around the arch to the upper left quadrant.

The gingival tissues of the lower right quadrant are examined next starting with the molar on the right side and moving around the arch to the lower left quadrant.

Teeth and gingival tissues are not dryed with compressed air for the periodontal examination. Excess saliva is removed gently with 2x2 sponges.

The examiner should strive to standardize his/her examination technique by examining each child from the same chairside position, maintaining the same light to chair distance, looking at certain areas of the mouth directly (without the use of mouth mirror) and using the mouth mirror in a uniform manner to view tissues or to reflect light on tissues in areas of the mouth where additional light is needed.

Generally, each child should be allotted the same examining time. Children that appear to be free of inflammation should not be examined for a longer than usual period of time in the search for inflammation or other periodontal conditions. The time required to do the periodontal examination should not exceed two minutes, as a general rule.

DISCUSSION OF CRITERIA AND TREATMENT CODES

No Gingival Inflammation Present (No Treatment Needed)

Gingiva is pale pink in color and firm in texture.

For a treatment code "0", all gingival tissues must be free of inflammation.

If the only area of gingival inflammation seen is adjacent to an erupting tooth, do not score the child as having gingival inflammation. Inflammation adjacent to orthodontically-banded teeth or a dental appliance of some sort--whether fixed or removable--is scored, however.

Gingival Inflammation Present (Oral Hygiene Instruction and Prophylaxis Needed)

A distinct color change to red or magenta is evident. There may be swelling and the gingiva may be spongy in texture. A change in gingival contour in the absence of color change is not considered to be inflammation.

The distinction between code "1" and "2" is based on the proportion of teeth present showing gingival inflammation. Inflammation adjacent to less than one half of the teeth present is coded "1." Inflammation adjacent to one half or more of the teeth present is coded "2."

In determining the proportion of teeth affected by gingival inflammation, an inflamed gingival papilla is considered to "affect" the two adjoining teeth. Inflammation in the gingival margin of a tooth that does not extend to the papilla is considered to affect only the one tooth.

Code "3" is assigned when the gingival inflammation around one or more teeth is of such severity that bleeding is provoked by pressing gently against the affected tissue with the side of the mirror head.

It is not necessary to press the mirror head against all areas of gingival inflammation. Only those areas likely to bleed in the examiner's opinion are tested. If bleeding is not provoked by pressing the gingiva gently in 3 to 4 of the most inflamed areas, further probing of the gingiva is not done.

Advanced Destruction (Periodontal Treatment Needed)

This code or category--"4"--is included for the purpose of recording those periodontal conditions not likely to respond solely to oral hygiene instruction and an oral prophylaxis. In other words, referral to a dentist for periodontal treatment is indicated.

A "true" periodontal pocket, i.e., one that "extends beyond the realm of the gingiva" (WHO) and is "not merely a deepened gingival crevice due to swelling in the free gingiva" (Russell) is indicative of periodontal tissue destruction. Without radiographs and/or a periodontal probe, however, it is difficult to diagnose the presence of destructive periodontal disease.

In children and youths, loss of periodontal attachment is often denoted by an exposed cemento-enamel junction as, for example, in the case of a gingival cleft. The presence of this condition would warrant assignment of treatment code "4." Acute ulcerative necrotizing gingivitis would be coded similarly.

DISCRIMINATION PROHIBITED: Under provisions of applicable public laws enacted by Congress since 1964, no person in the United States shall, on the grounds of race, color, national origin, handicap, or age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity (or, on the basis of sex, with respect to any education program or activity) receiving Federal financial assistance. In addition, Executive Order 11141 prohibits discrimination on the basis of age by contractors and subcontractors in the performance of Federal contracts, and Executive Order 11246 states that no federally funded contractor may discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. Therefore, the National Caries Program, National Institute of Dental Research must be operated in compliance with these laws and Executive Orders.

national caries program

National Institute of Dental Research

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