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# The Child Dental Health Survey Northern Territory, 1995

*by*

Michael Davies,  
AIHW Dental Statistics  
and Research Unit

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The University of Adelaide  
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Phone: (08) 8303 4050  
Fax: (08) 8303 3444

This report is the Northern Territory component of the Child Dental Health Survey, a project in which all States and Territories are participating.

The AIHW Dental Statistics and Research Unit (DSRU) is an external unit of the Australian Institute of Health and Welfare, and was established in 1988 at The University of Adelaide. The DSRU was funded to improve the range and quality of dental statistics and research on the dental workforce, dental health status, dental practices and use of dental services.

***DSRU Staff***

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<i>Research Fellow</i>	<i>Dr Murray Thomson</i>
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	<i>Mr David Brennan</i>
	<i>Mrs Judy Stewart</i>
	<i>Mr Knute Carter</i>
<i>Research Associate</i>	<i>Dr Danae Kent</i>

## THE CHILD DENTAL HEALTH SURVEY - NORTHERN TERRITORY 1995

### Purpose of this report

This report continues the series of annual reports providing descriptive statistics concerning child dental health in the Northern Territory, and follows the 1994 report. The report contains tables describing: the age and sex of children in the sample, their deciduous and permanent caries experience, frequency of fissure sealants, immediate treatment needs and children's history of school dental service examinations.

These data were collected during the 1995 calendar year from NT School Dental Service patients by dental therapists and dentists. A random sampling procedure was used to select approximately one in two (1:1.9) patients living in the Darwin area. In addition, all examined children from other areas were included. The Darwin sampling procedure was achieved by selecting those children whose birthday was between the 1st and 16th (inclusive) of any month. Provision was made for inclusion and numerical weighting of data from children whose date of birth was unknown. Throughout this report, dental health statistics have been weighted during their computation to reflect the sampling procedure. The weighting procedure corrects for the over-representation of children in the sample with an unknown birth date and from outside the Darwin area.

The following sections briefly describe each table and provide a simple, summary statement highlighting differences between the 1995 and 1994 data. *No formal hypothesis tests have been undertaken, and descriptions of difference between years are intended as a guide to the reader, rather than an evaluation of trends.*

### Table 1: Demographic composition of the sample

Some 45 per cent of processed records were obtained from the Darwin area. The majority of children in the sample (82 per cent) were aged between 5 and 12 years inclusive, with approximately equivalent numbers in individual ages within this range. However, children aged thirteen years and older than five years were also represented in substantial numbers, particularly in the non-Darwin area. Females and males were represented in similar proportions in all ages.

The distribution of the sample is closely related to the main target groups of children served by the school dental service in the NT. The distribution also illustrates that the sample is representative of primary school aged children, rather than all children in the NT. Moreover, the small numbers of children aged 13 years or more results in less reliability of computed statistics for those ages. It is also important to note that those children who are outside the

main school dental service target groups may differ on key characteristics and are likely to be less representative of their respective age groups in the NT population.

#### *Changes since 1994*

There were no substantial changes in the sampling procedures between the reporting periods.

#### **Table 2: Country of birth (including Aboriginality)**

Table 2 lists the main categories of birthplace and Aboriginality for the weighted sample. The great majority (80 per cent or more) of children and mothers were Australian born. Mothers were more likely than children to be born outside Australia, with South East Asia being the second most frequent region of birth.

#### *Changes since 1994*

There has been no substantial changes in the distribution of birthplace between the reporting periods.

#### **Table 3: Deciduous teeth: age-specific caries experience**

The mean number of decayed teeth among children aged 5 to 10 years ranges from 0.42 to 1.29 and was lower among older children. There was less variation in mean dmft (1.27 to 2.03) although the prevalence was higher among older children. Mean dmft declined over the age of 9, and this must be interpreted in view of the exfoliation of deciduous teeth as children grow older.

The percentage of caries experience due to decay (d/dmft) shows an age-associated decline, almost halving from 78.0 per cent among 5-year-olds to 34.8 per cent among 10-year-olds. This is the strongest and most consistent age-associated effect for deciduous teeth. By comparison, the percentage of caries-free children (% dmft=0) shows a more modest reduction from 57.9 per cent among 5-year-olds to 54.7 per cent among 10-year-olds. The percentage of caries free children therefore mirrors the mean dmft prevalence.

#### *Changes since 1994*

Changes in mean numbers of deciduous teeth with caries experience among 5 to 9 year-olds between 1994 and 1995 were negligible.

#### **Table 4: Permanent teeth: age-specific caries experience**

The mean number of decayed permanent teeth was consistently smaller than the mean number of decayed deciduous teeth, and increased across the range of 7 to 12 years from 0.14 to 0.33. In addition, the mean DMFT increased quite consistently across age groups (up to

13 years), as expected. Related to these changes, the percentage of DMFT due to decay (D/DMFT) and the percentage caries free (DMFT=0) declined across age groups. The mean DMFT score for 12 year old children is 0.82. It is noteworthy that more than 60 per cent of children aged 12 or less were caries free.

#### *Changes since 1994*

Changes in the mean number of decayed permanent teeth were inconsequential. The percentage of caries free children (DMFT=0) appears to be stable across the two years, although the D/DMFT appears greater by more than 5 per cent in children aged 7 years and younger.

#### **Table 5: All teeth: age-specific prevalence**

Untreated caries in the combined deciduous and permanent dentitions existed for between 25 and 43 per cent of children in the age range 5 to 12 years. The greatest likelihood of untreated decay occurred for 7 year-olds. Based on observations from previous tables, much of this untreated decay can be attributed to the deciduous dentition. Furthermore, it is noteworthy that the most extensive levels of untreated decay (4 or more deciduous or permanent teeth) occur in the younger age groups, with over 10 per cent or more of children aged between 4 and 7 years being affected to this extent.

While more than 94 per cent of children aged 5 to 12 years had no deciduous or permanent teeth missing due to caries, smaller percentages avoid fillings indicated by over 44 per cent of children aged 9 and over having at least one filling. Similarly, there is a decline in the percentage of children with no caries experience in either deciduous or permanent dentition, from 57.8 per cent at age five to 53.3 per cent at age 12. Above the age of 10, the percentage is relatively constant at around 50 per cent. This serves to demonstrate that more than one third of children survive primary school with no experience of dental caries.

#### *Changes since 1994*

The earlier observations of only small changes in deciduous and permanent caries experience carry through to this table which shows minimal changes compared with the 1994 data.

#### **Table 6: Fissure sealants: age-specific prevalence**

Fissure sealants are prevalent in children aged 7 to 12 years, and at those ages the mean number of fissure sealants exceeds the mean number of decayed teeth, and is close to the mean number of filled teeth. There is clear evidence of preferential use of fissure sealants among those with caries experience: children aged 8 to 12 years with some caries experience

(DMFT=1+) were about 50 per cent more likely to have fissure sealants as children with DMFT equal to zero.

#### *Changes since 1994*

The mean number of fissure sealants in 1995 did not change substantially since 1994 among those aged 7 to 12 years.

#### **Table 7: Immediate treatment needs**

Immediate treatment needs for existing or imminent pain or infection were infrequent in the key age groups (5 to 12 years). Fewer than nine per cent of children required immediate treatment, with the greatest percentage occurring among the youngest ages. This correlates with the peak in mean dmft and may suggest that most forms of immediate treatment are due to disease in deciduous teeth. Certainly the small group of children with immediate treatment needs have a very high mean dmft prevalence.

#### *Changes since 1994*

The percentage of children with immediate treatment needs, and their levels of caries experience, are similar to the 1994 estimates, although the percentage with  $d+D=4^+$  appears to have declined since 1994.

#### **Table 8: School Dental Service examinations**

The left hand side of this table describes the percentage of children who are new patients (having had no previous dental examination) in the NT School Dental service. As expected, the figure is highest for the youngest ages (6 years or less) with fewer than 10 per cent of those aged 7 years or more having had no previous examination. This pattern is expected, and indicates that most patients are enrolled during their early school years.

The right hand side of the table refers to children with previous examinations, and indicates their distribution according to time since last dental examination. Over 45 per cent of children in the key age range received examinations within 13 to 24 months of their previous examination, while approximately one third occurred within 7 to 12 months.

#### *Changes since 1994*

There was a tendency for a lower percentage of children to have a repeat exam within 12 months, and a higher percentage to be examined between 13 and 24 months.

#### **Tables S1 and S2: Deciduous teeth of non-Aboriginal and Aboriginal children**

These supplementary tables describe the age-specific indexes of deciduous caries experience for non-Aboriginal and Aboriginal children. For those aged 3 to 10 years, Aboriginal

children had a higher prevalence of decayed and dmft teeth. Consequently, fewer Aboriginal children had no caries experience. In addition, the percentage of the dmft index attributed to decay (d/dmft) was substantially higher among Aboriginal children.

*Changes since 1994*

There was some indication of a decline in the number of decayed teeth and dmft of the non-Aboriginal children compared to the Aboriginal children since 1994.

**Tables S3 and S4: Permanent teeth of non-Aboriginal and Aboriginal children**

Differentials in permanent caries experience among non-Aboriginal and Aboriginal children were similar to the profile of deciduous caries experience. Aboriginal children had a higher mean number of decayed permanent teeth, and in mean DMFT prevalence. Aboriginal children also had a higher percentage of caries experience attributed to decay (D/DMFT), and slightly lower percentages of children with no caries experience (DMFT=0).

*Changes since 1994*

There was some indication of decline in the decayed and DMFT scores for non-Aboriginal children relative to Aboriginal children from 1994 to 1995.

**Figure 1: Percentage of children with dmft=0, DMFT=0 and d+D=4+**

This figure presents data contained in Tables 3, 4 and 5 to summarize the extent of dental health (represented by percentage with no caries experience) and the extent of more extensive untreated decay. There is a progressive decline across age in the percentage of children with DMFT scores of zero, and in the percentage of children with dmft+DMFT scores of 4 or more. These reductions most probably indicate firstly the progressive accumulation of disease and treatment, and the treatment of active decay within the school dental service.

***For further information contact:***

Mr Michael Davies

AIHW Dental Statistics and Research Unit

The University of Adelaide

AUSTRALIA 5005

Ph: (08) 8303 4050

Fax: (08) 8303 3444

**TABLE 1: DEMOGRAPHIC COMPOSITION OF THE SAMPLE**

Data for the Child Dental Health Survey are collected from a stratified random sample of children in all Australian States and Territories. The sampling procedure selects a constant proportion of children for whom date of birth is known by selecting only those children born on particular dates. Within the Darwin region, the sampling ratio for children whose date of birth is known is 1:1.9. This ratio is achieved by selecting children whose date of birth is between the 1st and 16th (inclusive) of any month. For children with an unknown date of birth, and for those outside the Darwin region, all children are included in the sample.

The following table describes the number of records processed from children in the Northern Territory, as well as the number of children in the sample. The latter figure is weighted to attach more weight to those records which are sampled, and less weight to those records which are fully enumerated. The weighting corrects for the over-representation in the sample of children for whom date of birth is unknown.

State/Territory: Northern Territory

Sampling ratio (Darwin): 1:1.9

Data for period January-December 1995

Date of report: 29th November 1996

Age (years)	NUMBER OF RECORDS PROCESSED						NUMBER OF CHILDREN IN SAMPLE <sup>1</sup>		
	Darwin region, known date of birth			Non-Darwin or age only known			Males	Females	Persons
	Males	Females	Persons	Males	Females	Persons			
2	3	3	6	14	19	33	14	18	32
3	12	14	26	52	55	107	53	58	111
4	306	279	585	324	355	679	644	629	1273
5	360	311	671	387	442	829	762	735	1496
6	340	351	691	467	444	911	792	790	1582
7	375	332	707	425	416	841	809	744	1553
8	345	345	690	430	449	879	772	785	1557
9	337	331	668	410	384	794	747	720	1467
10	337	293	630	423	451	874	756	717	1473
11	347	330	677	390	409	799	746	737	1483
12	289	268	557	255	270	525	572	554	1126
13	103	97	200	123	99	222	227	201	428
14	56	57	113	61	67	128	119	125	244
15	41	55	96	37	39	76	82	102	184
16	23	14	37	20	35	55	45	44	89
17	11	11	22	1	5	6	16	18	34
18	3	2	5	1	3	4	5	5	10
19	0	0	0	0	2	2	0	1	1
20	0	1	1	0	0	0	0	1	1
<b>Total</b>	<b>3288</b>	<b>3094</b>	<b>6382</b>	<b>3820</b>	<b>3944</b>	<b>7764</b>	<b>7160</b>	<b>6985</b>	<b>14145</b>

<sup>1</sup> The number of children included in the sample equals the number of records sampled where date of birth is known plus the product of the number of records of children with unknown birthdate and sampling ratio. Second and subsequent examinations of children within the reporting period are eliminated. These are rounded numbers of children.



**TABLE 2: COUNTRY OF BIRTH (INCLUDING ABORIGINALITY)**

The country of birth of children is determined from information concerning birthplace of the child and mother. The number and percentage of children in each group is provided in this Territory-wide report.

State/Territory: Northern Territory

Sampling ratio (Darwin): 1:1.9

Data for period January-December 1995

Date of report: 29th November 1996

COUNTRY OF BIRTH	CHILDREN		MOTHERS	
	Number <sup>1</sup>	%	Number	%
Australia (non-Aboriginal)	8836	62.4	7137	50.4
Australia (Aboriginal or TSI)	4617	32.6	4453	31.5
United Kingdom and Eire	70	0.5	598	4.2
Other English speaking	136	1.0	429	3.0
Southern Europe	35	0.2	117	0.8
Other Europe	17	0.1	149	1.1
Middle East	5	0.0	22	0.2
South East Asia	246	1.7	835	5.9
Other Asia	55	0.4	141	1.0
Other	46	0.3	116	0.8
Not known	52	0.4	103	0.7
Blank	3	0.0	5	0.0
Missing	35	0.2	49	0.3
<b>Total</b>	<b>14154</b>	<b>100.0</b>	<b>14154</b>	<b>100.0</b>

<sup>1</sup> Data are weighted to reflect the sampling scheme by correcting for the over-representation in the sample of children with an unknown date of birth and children from outside the Darwin region. Data relating to second or subsequent examinations of children within this reporting period are eliminated.

**TABLE 3: DECIDUOUS TEETH: AGE-SPECIFIC CARIES EXPERIENCE<sup>1</sup>**

This table uses Territory-wide data to describe the dmft index and its components for individual (year of birth) ages. Indices are calculated from data collected over a 12 month period. Where children received more than one examination during this period, the information derived from examinations other than the first is excluded. Age-specific indices denoted with an asterisk (\*) are those in which the relative standard error exceeds 40 per cent, and population estimates of these indices are statistically unreliable.

State/Territory: Northern Territory

Sampling ratio (Darwin): 1:1.9

Data for period January-December 1995

Date of report: 29th November 1996

Age (years)	Number of children in sample <sup>2</sup>	decayed		dmft		d/dmf	Children with dmft=0
		mean	sd	mean	sd	%	%
3	111	1.61	3.06	1.75	3.20	91.1	63.4
4	1274	1.08	2.20	1.27	2.41	84.3	65.2
5	1496	1.28	2.49	1.64	2.86	78.0	57.9
6	1582	1.29	2.31	1.99	2.98	65.3	50.2
7	1553	1.12	2.10	2.03	2.82	53.9	46.3
8	1559	0.90	1.71	1.99	2.65	46.0	44.3
9	1469	0.76	1.55	1.91	2.39	39.5	42.8
10	1474	0.42	0.97	1.37	2.20	34.8	54.7

<sup>1</sup> Legend                    d - decayed deciduous teeth  
                                   dmft - decayed, missing or filled deciduous teeth  
                                   sd - standard deviation

<sup>2</sup> Data are weighted to reflect the sampling scheme by correcting for the over-representation in the sample of children with an unknown date of birth and children from outside the Darwin region. Data relating to second or subsequent examinations of children within this reporting period are eliminated.

**TABLE 4: PERMANENT TEETH: AGE-SPECIFIC CARIES EXPERIENCE<sup>1</sup>**

This table uses Territory-wide data to describe the DMFT index and its components for individual (year of birth) ages. Indices are calculated from data collected over a 12 month period. Where children received more than one examination during this period, the information derived from examinations other than the first is excluded. Age-specific indices denoted with an asterisk (\*) are those in which the relative standard error exceeds 40 per cent, and population estimates of these indices are statistically unreliable.

State/Territory: **Northern Territory**

Sampling ratio (Darwin): **1:1.9**

Data for period January-December 1995

Date of report: 29th November 1996

Age (years)	Number of children in sample <sup>2</sup>	DECAYED		DMFT		D/DMFT	Children with DMFT=0
		mean	sd	mean	sd	%	%
5	1496	*	*	0.01	0.11	90.7	99.5
6	1582	0.05	0.30	0.06	0.37	82.4	95.9
7	1553	0.14	0.50	0.19	0.62	79.1	88.4
8	1559	0.16	0.55	0.26	0.71	63.9	84.9
9	1469	0.15	0.56	0.33	0.82	42.4	80.7
10	1474	0.18	0.59	0.45	0.97	38.6	75.6
11	1484	0.24	0.76	0.58	1.14	39.1	70.5
12	1126	0.33	0.88	0.82	1.40	39.5	62.2
13	431	0.50	1.19	0.88	1.48	53.2	60.5
14	244	0.60	1.56	1.24	2.16	42.5	54.1
15	184	0.54	1.65	1.22	2.15	32.9	57.7

<sup>1</sup> Legend                    D - decayed permanent teeth  
                                   DMFT - decayed, missing or filled permanent teeth  
                                   sd - standard deviation

<sup>2</sup> Data are weighted to reflect the sampling scheme by correcting for the over-representation in the sample of children with an unknown date of birth and children from outside the Darwin region. Data relating to second or subsequent examinations of children within this reporting period are eliminated.

**TABLE 5: ALL TEETH: AGE-SPECIFIC PREVALENCE<sup>1</sup>**

This table uses Territory-wide data to describe the combined dmft and DMFT indices and their components for individual (year of birth) ages. Indices are calculated from data collected over a 12 month period. Where children received more than one examination during this period, the information derived from examinations other than the first is excluded. Age-specific indices denoted with an asterisk (\*) are those in which the relative standard error exceeds 40 per cent, and population estimates of these indices are statistically unreliable.

State/Territory: Northern Territory

Sampling ratio (Darwin): 1:1.9

Data for period January-December 1995

Date of report: 29th November 1996

Age (years)	Number of children in sample <sup>2</sup>	% of children with d+D=					% of children with		
		0	1	2	3	≥4	m+M=0	f+F=0	dmft+DMFT=0
3	111	61.6	10.7	6.8	0.0	20.8	98.7	94.9	59.7
4	1273	69.3	7.5	7.7	3.3	12.3	97.5	94.4	65.3
5	1495	63.3	9.9	9.2	4.5	13.1	97.9	87.8	57.8
6	1577	59.0	12.2	10.3	5.1	13.5	96.0	76.8	49.0
7	1549	57.3	16.1	9.4	4.9	12.4	96.0	68.0	43.3
8	1557	59.6	16.3	10.3	4.4	9.4	94.9	61.3	41.4
9	1465	63.3	17.9	6.7	4.3	7.7	95.2	55.7	38.5
10	1471	69.1	15.9	8.1	3.3	3.5	96.3	58.2	43.8
11	1478	72.6	15.7	6.3	2.3	3.1	97.1	63.2	48.7
12	1121	75.3	13.7	6.4	2.1	2.5	98.0	68.1	53.3
13	429	75.5	11.9	5.8	2.4	4.4	96.6	78.5	57.8
14	242	75.6	10.3	5.5	3.5	5.2	96.0	69.3	52.4
15	183	83.2	5.0	5.0	2.3	4.6	95.1	68.9	57.2

<sup>1</sup> Legend

- d - decayed deciduous teeth
- D - decayed permanent teeth
- m - deciduous teeth missing due to caries
- M - permanent teeth missing due to caries
- f - deciduous teeth restored due to caries
- F - permanent teeth restored due to caries
- dmft - decayed, missing or filled deciduous teeth
- DMFT - decayed, missing or filled permanent teeth

<sup>2</sup> Data are weighted to reflect the sampling scheme by correcting for the over-representation in the sample of children with an unknown date of birth and children from outside the Darwin region. Data relating to second or subsequent examinations of children within this reporting period are eliminated.

**TABLE 6: FISSURE SEALANTS: AGE-SPECIFIC PREVALENCE<sup>1</sup>**

This table uses Territory-wide data to describe the distribution of fissure sealants for individual (year of birth) ages, along with the caries experience of those who have fissure sealants and those who do not. Indices are calculated from data collected over a 12 month period. Where children received more than one examination during this period, the information derived from examinations other than the first is excluded. Age-specific indices denoted with an asterisk (\*) are those in which the relative standard error exceeds 40 per cent, and population estimates of these indices are statistically unreliable.

State/Territory: Northern Territory

Sampling ratio (Darwin): 1:1.9

Data for period January-December 1995

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Age (years)	Number of children in sample <sup>2</sup>	Number of sealants		CHILDREN WITH DMFT=0		CHILDREN WITH DMFT=1+	
		mean	sd	number	% with F/S=1+	number	% with F/S=1+
6	1577	0.11	0.56	1516	3.9	61	8.0
7	1547	0.35	1.02	1371	12.1	175	16.9
8	1558	0.60	1.30	1323	19.3	235	27.4
9	1463	0.83	1.43	1185	27.1	279	39.0
10	1467	0.92	1.53	1113	29.2	355	40.5
11	1483	1.11	1.69	1046	34.9	437	45.9
12	1120	1.14	1.93	700	32.2	419	45.1
13	429	0.78	1.64	261	25.2	168	25.9
14	243	0.42	1.19	132	11.5	111	19.3
15	183	0.51	1.21	106	19.3	77	22.4

<sup>1</sup> Legend      DMFT - decayed, missing or filled permanent teeth  
                   F/S - number of fissure sealed teeth  
                   sd - standard deviation

<sup>2</sup> Data are weighted to reflect the sampling scheme by correcting for the over-representation in the sample of children with an unknown date of birth and children from outside the Darwin region.

**TABLE 7: IMMEDIATE TREATMENT NEEDS AGE-SPECIFIC DISTRIBUTION<sup>1</sup>**

This table, based on Statewide data, describes the number and proportion of children in immediate need of dental treatment. This classification is accorded to children who have, or who are likely to develop within four weeks, oral pain or infection. The dental caries experience of this group of children is also described. Indices are calculated from data collected over a 12 month period. Where children received more than one examination during this period, the information derived from examinations other than the first is excluded. Age-specific indices denoted with an asterisk (\*) are those in which the relative standard error exceeds 40 per cent, and population estimates of these indices are statistically unreliable.

State/Territory: Northern Territory

Sampling ratio (Darwin): 1:1.9

Data for period January-December 1995

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CHILDREN IN NEED OF IMMEDIATE TREATMENT												
Age (years)	Number of children in sample	% of all children	dmft		DMFT		% with d+D=					
			mean	sd	mean	sd	0	1	2	3	4+	
3	111	11	9.5	5.36	4.74	*	*	0.0	*	*	0.0	60.1
4	1274	47	3.7	4.16	3.08	—	—	0.0	24.4	23.1	14.4	38.1
5	1496	74	5.0	5.10	4.53	*	*	*	28.0	12.1	14.0	44.1
6	1582	86	5.4	3.55	2.67	0.34	0.94	7.4	24.2	21.0	12.2	35.2
7	1553	136	8.8	3.52	3.64	0.66	1.13	7.8	32.3	15.5	14.3	30.1
8	1559	100	6.5	3.55	2.96	0.72	1.14	11.9	29.2	22.8	8.4	27.7
9	1469	78	5.3	3.08	2.30	0.72	1.22	18.8	31.2	22.2	8.9	19.0
10	1474	90	6.2	2.02	2.52	1.13	1.47	21.8	41.1	18.0	6.9	12.2
11	1484	75	5.1	0.97	1.57	1.84	1.87	17.5	42.8	23.1	7.4	9.2
12	1126	53	4.9	0.80	1.54	2.03	1.99	23.2	36.4	21.3	*	16.5
13	431	28	6.7	—	—	2.47	1.86	*	54.5	14.8	*	15.3
14	244	6	2.7	—	—	2.67	1.78	*	*	*	*	0.0
15	184	3	*	—	—	4.98	1.30	0.0	*	*	0.0	*

<sup>1</sup> Legend

dmft - number of decayed, missing or filled deciduous teeth  
 DMFT - number of decayed, missing or filled permanent teeth  
 d - number of decayed deciduous teeth  
 D - number of decayed permanent teeth

**TABLE 8: SCHOOL DENTAL SERVICE EXAMINATIONS:  
AGE-SPECIFIC DISTRIBUTION<sup>1</sup>**

This table describes the percentage distribution of children who have received initial and subsequent dental examinations in the School Dental Service. Data from all examinations of children who were examined during the report period are included in this table; percentage estimates denoted with an asterisk (\*) are those in which the relative standard error exceeds 40 per cent, and population estimates of these percentages are statistically unreliable.

State/Territory: Northern Territory

Sampling ratio (Darwin): 1:1.9

Data for period January-December 1995

Date of report: 29th November 1996

Age (years) examined	Number of children examined	Previous examination in School Dental Service (%)			CHILDREN WITH PREVIOUS EXAMINATION Months since last examination <sup>2</sup> (%)			
		No	Yes	Unknown	0-6	7-12	13-24	25+
3	117	60.6	21.5	18.0	36.5	24.9	33.1	*
4	1320	77.9	11.8	10.4	40.5	44.7	14.3	*
5	1634	36.4	44.2	19.4	12.3	51.8	35.0	1.0
6	1690	15.5	66.0	18.5	10.0	45.3	42.5	2.3
7	1647	9.5	71.3	19.3	7.1	43.8	45.0	4.1
8	1646	9.0	74.7	16.3	7.8	44.1	43.6	4.5
9	1547	7.6	75.8	16.6	8.5	41.5	44.6	5.5
10	1545	7.6	76.0	16.4	9.0	35.4	48.6	7.0
11	1547	6.2	77.0	16.9	7.8	36.4	50.3	5.4
12	1185	5.5	72.1	22.5	6.8	40.6	44.2	8.3
13	444	2.9	42.8	54.3	5.5	33.8	44.7	16.0
14	253	2.7	30.2	67.1	13.9	21.9	34.9	29.3
15	184	*	16.4	82.1	*	25.2	32.7	37.4

<sup>1</sup> Data are weighted to reflect the sampling scheme by correcting for the over-representation in the sample of children with an unknown date of birth and children from outside the Darwin region.

<sup>2</sup> Excludes those with no previous examination and where the date of previous examination is unknown.

**TABLE S1: DECIDUOUS TEETH: AGE-SPECIFIC PREVALENCE<sup>1</sup>  
NON-ABORIGINAL CHILDREN**

This table uses Territory-wide data to describe the dmft index and its components for individual (year of birth) ages among non-Aboriginal children. Indices are calculated from data collected over a 6 month period. Where children received more than one examination during this period, the information derived from examinations other than the first is excluded. Age-specific indices denoted with an asterisk (\*) are those in which the relative standard error exceeds 40 per cent, and population estimates of these indices are statistically unreliable.

State/Territory: Northern Territory

Sampling ratio (Darwin): 1:1.9

Data for period January-December 1995

Date of report: 29th November 1996

Age (years)	Number of children in sample <sup>2</sup>	decayed		dmft		d/dmf	Children with dmft=0
		mean	sd	mean	sd	%	%
3	85	1.27	2.63	1.48	2.84	85.9	63.3
4	982	0.69	1.63	0.90	1.95	78.5	71.8
5	1033	0.78	1.85	1.16	2.41	69.6	66.2
6	1117	0.80	1.59	1.53	2.55	56.2	56.3
7	1026	0.66	1.39	1.62	2.49	44.5	52.4
8	1025	0.53	1.07	1.65	2.36	36.1	50.4
9	973	0.50	1.03	1.77	2.24	30.7	44.1
10	968	0.30	0.73	1.33	2.00	24.9	54.5

<sup>1</sup> Legend:           d - decayed deciduous teeth  
                  dmft - decayed, missing or filled deciduous teeth  
                  sd - standard deviation

<sup>2</sup> Data are weighted to reflect the sampling scheme by correcting for the over-representation in the sample of children with an unknown date of birth and children from outside the Darwin region. Data relating to second or subsequent examinations of children within this reporting period are eliminated.



**TABLE S2: DECIDUOUS TEETH: AGE-SPECIFIC PREVALENCE<sup>1</sup>  
ABORIGINAL CHILDREN**

This table uses Territory-wide data to describe the dmft index and its components for individual (year of birth) ages among Aboriginal children. Indices are calculated from data collected over a 6 month period. Where children received more than one examination during this period, the information derived from examinations other than the first is excluded. Age-specific indices denoted with an asterisk (\*) are those in which the relative standard error exceeds 40 per cent, and population estimates of these indices are statistically unreliable.

State/Territory: Northern Territory

Sampling ratio (Darwin): 1:1.9

Data for period January-December 1995

Date of report: 29th November 1996

Age (years)	Number of children in sample <sup>2</sup>	decayed		dmft		d/dmf	Children with dmft=0
		mean	sd	mean	sd	%	%
3	38	2.52	3.76	2.52	3.76	100.0	59.2
4	265	2.67	3.29	2.86	3.37	92.6	37.0
5	445	2.65	3.28	3.05	3.53	86.6	32.3
6	484	2.58	3.21	3.23	3.62	80.6	33.3
7	521	2.07	2.79	2.88	3.22	69.9	33.3
8	538	1.66	2.34	2.71	3.04	63.2	31.9
9	502	1.31	2.13	2.17	2.63	56.8	39.2
10	543	0.65	1.29	1.34	2.39	56.5	56.9

<sup>1</sup> Legend:           d - decayed deciduous teeth  
                  dmft - decayed, missing or filled deciduous teeth  
                  sd - standard deviation

<sup>2</sup> Data are weighted to reflect the sampling scheme by correcting for the over-representation in the sample of children with an unknown date of birth and children from outside the Darwin region. Data relating to second or subsequent examinations of children within this reporting period are eliminated.

**TABLE S3: PERMANENT TEETH: AGE-SPECIFIC PREVALENCE<sup>1</sup>  
NON-ABORIGINAL CHILDREN**

This table uses Territory-wide data to describe the DMFT index and its components for individual (year of birth) ages among non-Aboriginal children. Indices are calculated from data collected over a 12 month period. Where children received more than one examination during this period, the information derived from examinations other than the first is excluded. Age-specific indices denoted with an asterisk\*) are those in which the relative standard error exceeds 40 per cent, and population estimates of these indices are statistically unreliable.

State/Territory: Northern Territory

Sampling ratio (Darwin): 1:1.9

Data for period January-December 1995

Date of report: 29th November 1996

Age (years)	Number of children in sample <sup>2</sup>	DECAYED		DMFT		Children with	
		mean	sd	mean	sd	D/DMFT %	DMFT=0 %
5	1033	*	*	*	*	*	99.7
6	1117	0.04	0.26	0.05	0.33	84.4	96.5
7	1026	0.10	0.41	0.16	0.59	69.9	90.6
8	1025	0.10	0.40	0.19	0.58	54.3	88.2
9	973	0.07	0.32	0.26	0.71	31.5	83.4
10	968	0.12	0.44	0.39	0.88	29.5	78.1
11	955	0.14	0.50	0.48	0.99	28.4	73.5
12	600	0.20	0.65	0.73	1.34	26.5	65.6
13	148	0.22	0.75	0.61	1.14	30.2	68.8
14	41	*	*	1.03	1.82	*	57.5
15	40	*	*	1.00	1.79	*	56.4

<sup>1</sup> Legend:           D - decayed permanent teeth  
                  DMFT - decayed, missing or filled permanent teeth  
                  sd - standard deviation

<sup>2</sup> Data are weighted to reflect the sampling scheme by correcting for the over-representation in the sample of children with an unknown date of birth and children from outside the Darwin region. Data relating to second or subsequent examinations of children within this reporting period are eliminated.

**TABLE S4: PERMANENT TEETH: AGE-SPECIFIC PREVALENCE<sup>1</sup>  
ABORIGINAL CHILDREN**

This table uses Territory-wide data to describe the DMFT index and its components for individual (year of birth) ages among Aboriginal children. Indices are calculated from data collected over a 12 month period. Where children received more than one examination during this period, the information derived from examinations other than the first is excluded. Age-specific indices denoted with an asterisk\*) are those in which the relative standard error exceeds 40 per cent, and population estimates of these indices are statistically unreliable.

State/Territory: Northern Territory

Sampling ratio (Darwin): 1:1.9

Data for period January-December 1995

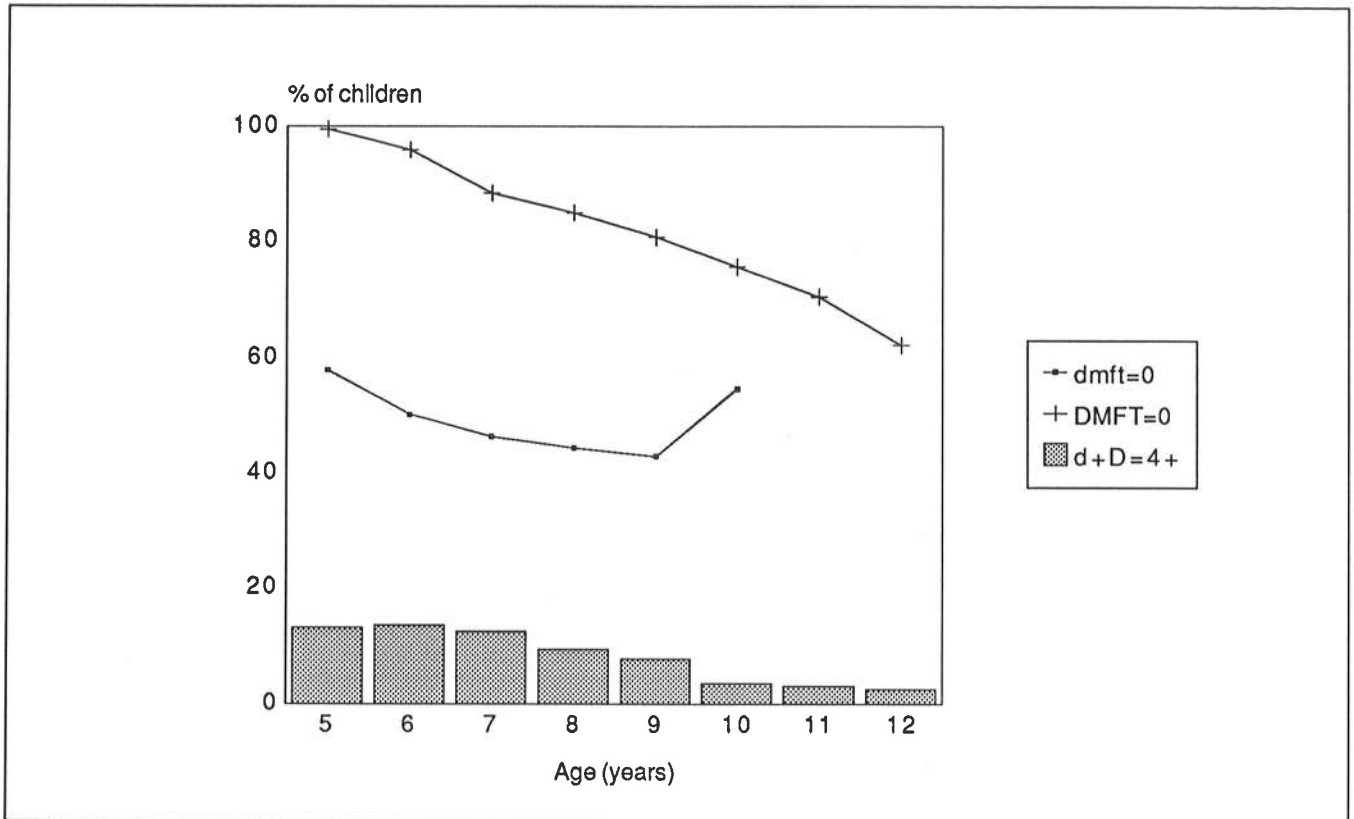
Date of report: 29th November 1996

Age (years)	Number of children in sample <sup>2</sup>	DECAYED		DMFT		Children with	
		mean	sd	mean	sd	D/DMFT %	DMFT=0 %
5	445	*	*	*	*	100.0	98.7
6	484	0.07	0.41	0.10	0.47	80.8	94.1
7	521	0.23	0.64	0.26	0.70	89.0	83.3
8	538	0.31	0.79	0.42	0.94	73.6	77.1
9	502	0.32	0.86	0.48	1.03	60.3	74.8
10	543	0.31	0.79	0.57	1.15	54.9	71.6
11	533	0.51	1.17	0.84	1.46	57.1	62.6
12	471	0.53	1.12	0.96	1.47	54.1	56.8
13	274	0.74	1.48	1.14	1.75	62.6	52.7
14	207	0.81	1.87	1.49	2.55	50.3	50.8
15	137	0.87	2.13	1.55	2.63	47.0	55.5

<sup>1</sup> Legend: D - decayed permanent teeth  
DMFT - decayed, missing or filled permanent teeth  
sd - standard deviation

<sup>2</sup> Data are weighted to reflect the sampling scheme by correcting for the over-representation in the sample of children with an unknown date of birth and children from outside the Darwin region. Data relating to second or subsequent examinations of children within this reporting period are eliminated.

**FIGURE 1: PERCENTAGE OF CHILDREN WITH dmft=0, DMFT=0 and d+D=4+**



**FIGURE 2: TIME SINCE LAST DENTAL EXAMINATION**

