



Government of  
Saskatchewan

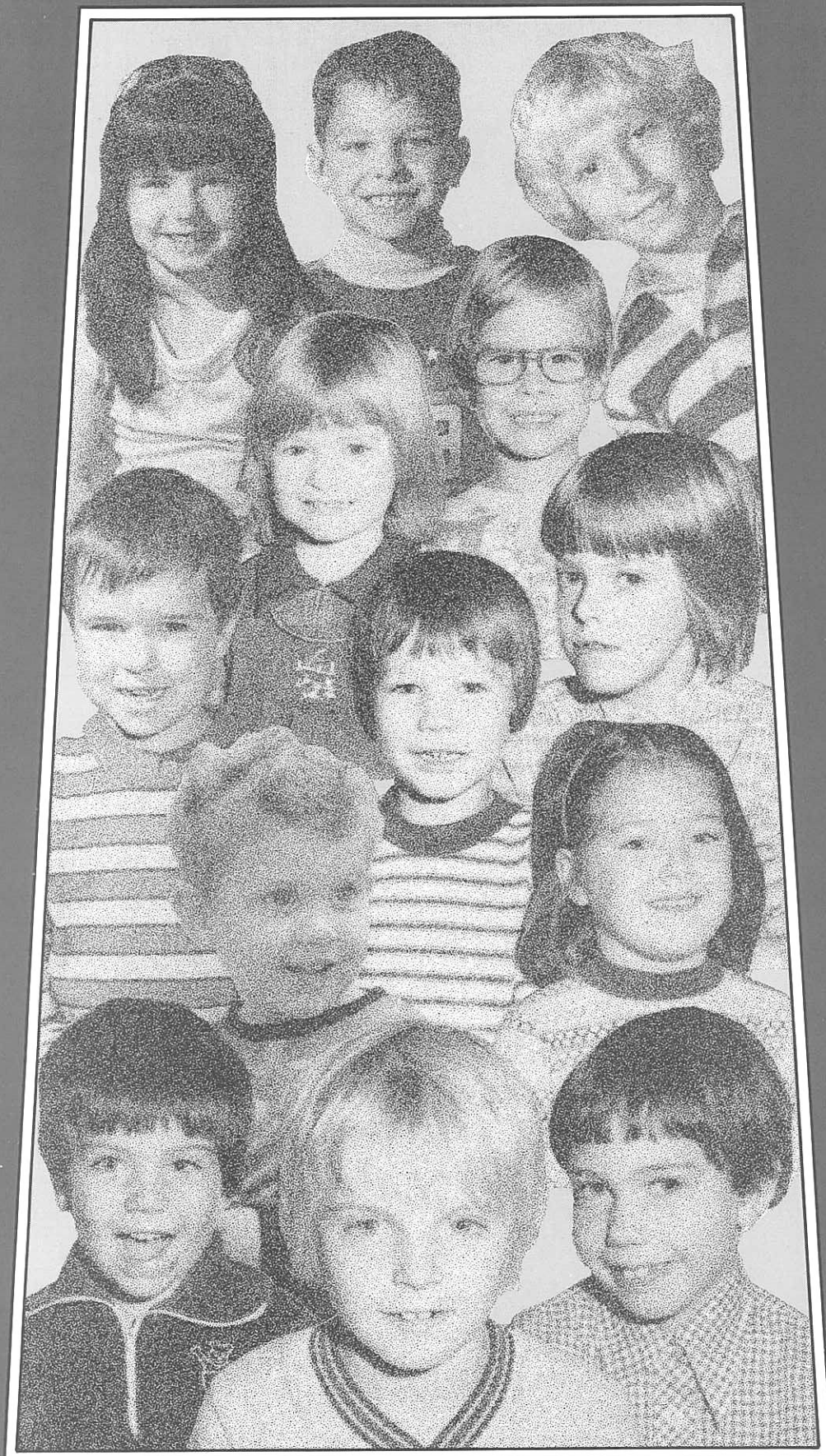
# **Annual Report 1983-84**

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## **Saskatchewan Health Dental Plan**

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**Serving Saskatchewan Children  
for Ten Years**



Government of  
Saskatchewan

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# **Annual Report 1983-84**

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## **Saskatchewan Health Dental Plan Tenth Year of Operation September 1, 1983 to August 31, 1984**



*Graham Taylor  
Minister of Health*

#### **Saskatchewan Health**

**To the Honourable F. W. Johnson  
Lieutenant Governor of Saskatchewan**

May It Please Your Honour:

I am pleased to present the Report of the Dental  
Plan for the year ending August 31, 1984.

Respectfully submitted,

Graham Taylor,  
Minister of Health.

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*Walter Podiluk  
Deputy Minister  
of Health*

#### **Saskatchewan Health**

**To the Honourable Graham Taylor  
Minister of Health**

Sir:

I have the honour to present herewith for your  
consideration the Report of the Dental Plan for  
the year ending August 31, 1984.

Respectfully submitted,

Walter Podiluk,  
Deputy Minister.

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*G. H. Loewen  
Associate Deputy  
Minister of Health*



*M. H. Lewis, D.D.S.  
Executive Director  
Saskatchewan Health Dental Plan*



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# Background

In 1968, the Saskatchewan Department of Health conducted surveys in Regina and Saskatoon which showed that the level of dental health of children in these cities was far from satisfactory. On the basis of the survey results, the Dental Division of the Department of Health proposed that the federal government allocate funds for a dental pilot project in the province. The project was to provide dental health education, preventive services and treatment services to children through a dental team consisting of a dentist, two dental therapists (formerly called dental nurses), three dental assistants and one receptionist recorder.

The dental therapists were formally trained to provide educational, preventive and treatment services to children, including deciduous (baby) tooth extractions and amalgam and composite restorations (silver and tooth-colored fillings) in deciduous and permanent teeth. The three dental assistants were formally trained to provide chairside assistance, simple prophylaxis (cleaning) and topical fluoride.

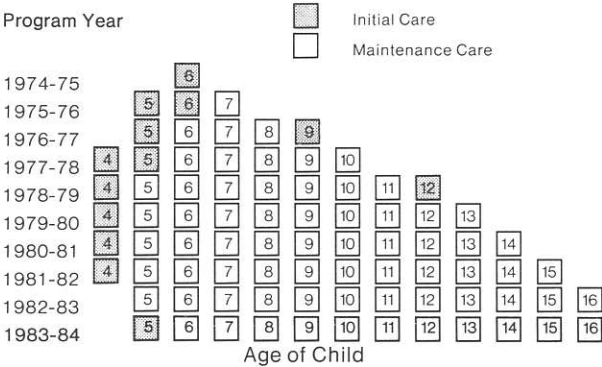
Services were made available to children from 3 to 12 years of age in the Oxbow area of Southeastern Saskatchewan. The dental team was housed in a mobile clinic equipped with four dental units, an X-ray machine, a laboratory and a reception room. The project lasted for three years. It demonstrated that high quality care could be provided by such a program and also that parents were prepared to enroll their children in a dental program in which care was provided by dental therapists. It was important to establish that a dental program making use of dental therapists could be successful because one of the main reasons for testing such a program was the chronic shortage of dentists in the province, especially in the rural areas.

On the basis of the successful Oxbow project, the Government of Saskatchewan announced in March 1972 that a province-wide, school-based dental program would be established to provide comprehensive dental care to children between the ages of three and twelve. The program commenced in September 1974. With the cooperation of the Department of Education and local school boards, dental clinics have been located in schools to make access more convenient for children and parents.

Children have been enrolled as follows:

Enrollment Date	Year of Birth
September 1974	1968
September 1975	1969, 1970
September 1976	1967, 1971
September 1977	1972
February 1978	1973
September 1978	1966, 1974
September 1979	1975
September 1980	1976
September 1981	1977
September 1983	1978

## Phase in Schedule



In April 1980 the Department of Health decided that an independent review of the Saskatchewan Dental Plan should be undertaken. Arrangements were made for Dr. D. W. Lewis, Professor and Head of Community Dentistry, University of Toronto, to conduct a thorough statistical evaluation of the first six years of operation of the Saskatchewan Dental Plan.

The report indicated that although the ultimate test of the Saskatchewan Dental Plan will be how it improves the oral health status of the people of Saskatchewan in the long run, the performance to date gives early indications of the likely achievement of this long term goal.

Health Region No. 1 in Swift Current had a Dental Program for almost 30 years. The program had been modified to avoid duplication of the Saskatchewan Dental Plan. The Swift Current Regional Health Board provided services to those resident children and adolescents up to and including 18 years of age who were either too young or too old for enrollment in the Saskatchewan Dental Plan.

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With only four age groups remaining it was not economical for this program to continue. Negotiations to absorb the Swift Current Health Region Dental Program were completed in 1981 and resulted in young people who were Swift Current Health Region residents and born in the years 1963 to 1965 and 1978 becoming eligible for enrollment in the Saskatchewan Dental Plan.

On April 1, 1982 the Saskatchewan Dental Plan assumed responsibility on behalf of the Medical Services Division, for the administration of Supplementary Health Benefits Dental Program.

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## Organization and Administration

### Legislative and Regulatory Authority

**The Dental Care Act** gives the Department of Health authority to operate a dental care program. The act authorizes the Minister to enter into agreements with or to employ dentists, dental therapists and certified dental assistants and do such other things as are necessary for the establishment and operation of the dental care program.

**The Saskatchewan Dental Nurses Act, (1973)** created a Saskatchewan Dental Nurses Board to establish and maintain rules for the registration and licensing of dental nurses, to set standards of professional conduct for dental nurses, to advise the Minister of Health on matters referred to the Board and to ensure the regulations and standards of professional conduct were met by all registrants. The first Board was appointed on September 25, 1973.

**The Saskatchewan Dental Nurses Act** was rescinded and was replaced by **The Dental Therapists Act** in 1981. This Act established The Saskatchewan Dental Therapists Association, changed the name "dental nurse" to "dental therapist" and replaced the Saskatchewan Dental Nurses Board with the Saskatchewan Dental Therapists Council.

The Saskatchewan Dental Therapists Council establishes and maintains rules governing the registration and licensing of dental therapists and sets standards of professional conduct. The Council also ensures that the regulations and standards of professional conduct are met by all registered dental therapists.

### Administrative Structure

The administrative organization is outlined in the organizational chart on page 6. The Saskatchewan Dental Plan is administered through a central headquarters staff, administrative staff, warehouse and stores personnel. The province is divided into six administrative regions. Regional headquarters are located in Swift Current, Regina, Saskatoon, Yorkton, Prince Albert and North Battleford.<sup>1</sup>

On September 1, 1983 the Humboldt and Wakaw Rural School Units were transferred from the Prince Albert Dental Region into the Saskatoon Dental Region. This change in caseload resulted in a more efficient operation of the Dental Plan in this area.

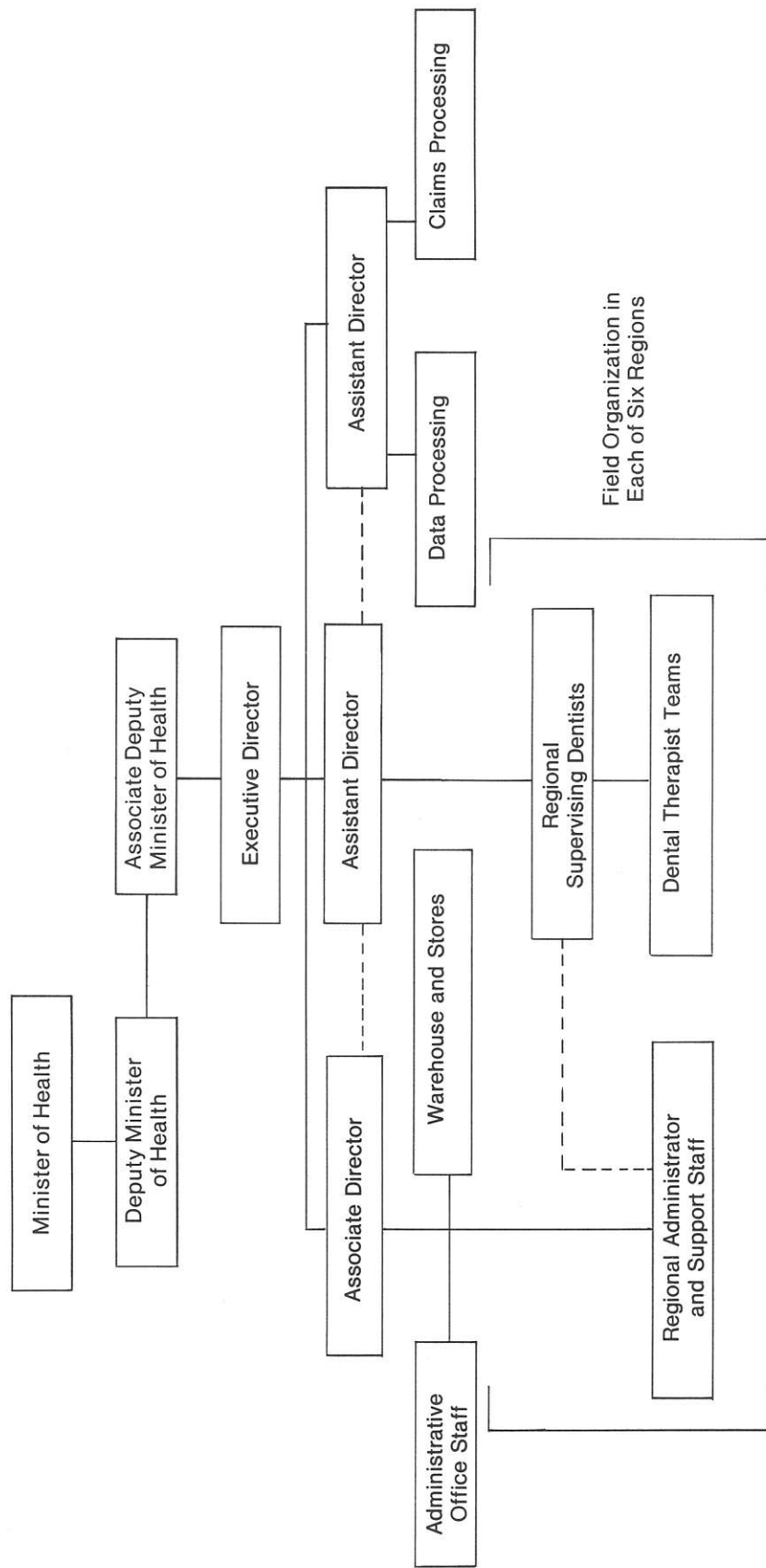
The Saskatchewan Dental Plan does not provide coverage to children and adolescents in the northern part of the province. The Northern Health Services Branch operates its own dental plan for children and adolescents. However, the Saskatchewan Dental Plan provides Northern Health Services Branch with consultation, dental equipment technician services and supplies from the Dental Plan Central Warehouse.

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<sup>1</sup> The six Dental Plan Administrative Regions and headquarter locations are shown on the map on page 7.

# Dental Plan Administrative Organization

Figure 1

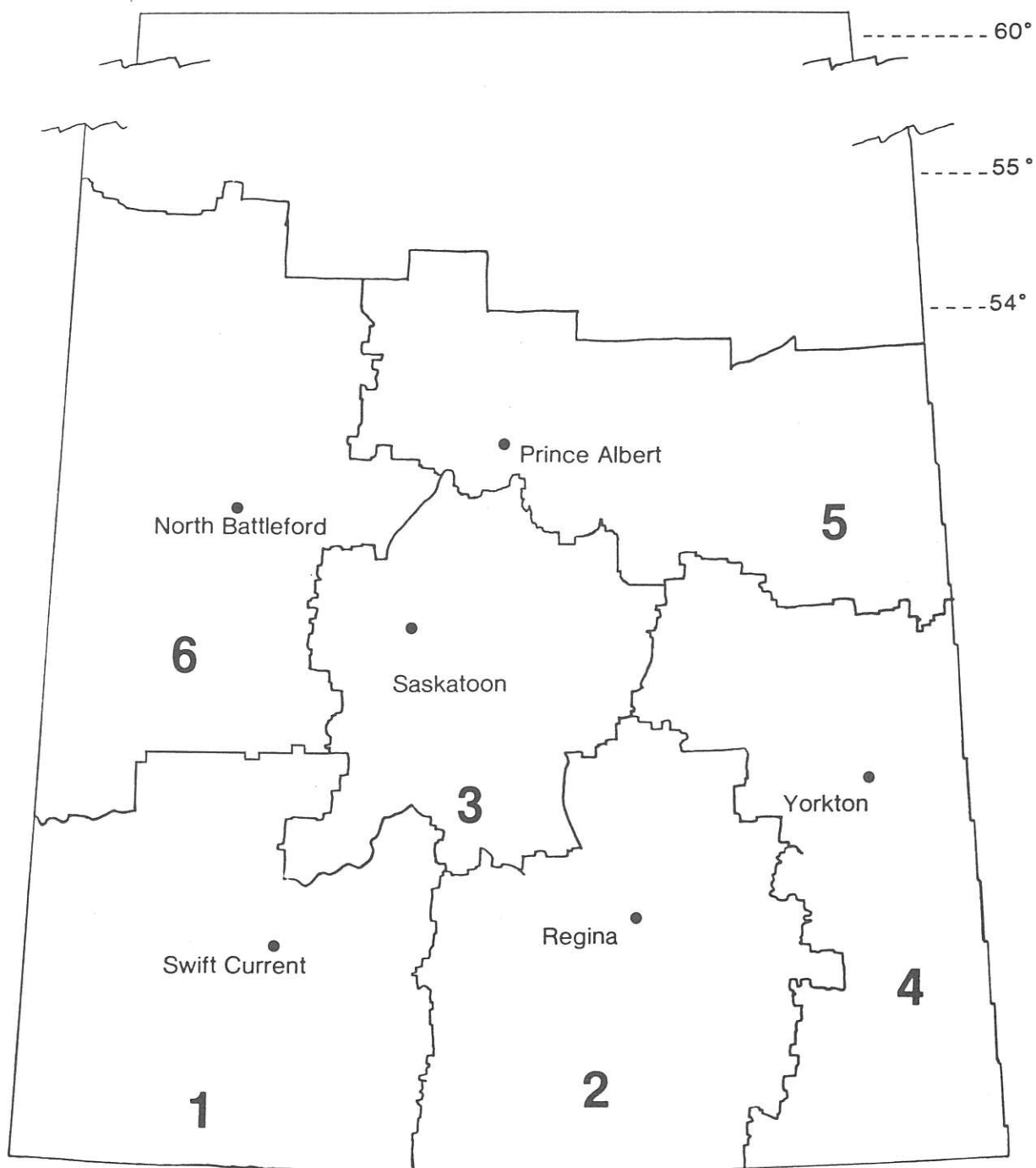


--- Denotes Communication in Management Team

August 31, 1984

## Dental Plan Administrative Regions

Figure 2



### Key to Administrative Regions

- |                     |                        |
|---------------------|------------------------|
| No. 1 Swift Current | No. 4 Yorkton          |
| No. 2 Regina        | No. 5 Prince Albert    |
| No. 3 Saskatoon     | No. 6 North Battleford |

August 31, 1984

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# Profile of Dental Plan Personnel

## Clinical Personnel

### 1. Supervising Dentist

The supervising dentist performs a variety of duties in close cooperation with approximately eight dental therapist teams. Each team consists of one dental therapist and one certified dental assistant. The dentist spends a great deal of time examining and formulating treatment plans for enrolled children and adolescents. The dentist carries out services which are beyond the scope of the dental therapist. Lines of communication are always open between the team and the dentist in order to provide the team with immediate consultation or assistance when necessary. As supervisor, the dentist monitors the quality and quantity of work being performed by the teams. To do this, the dentist examines selected patients from each team annually using established criteria. The dentist also sees that priorities and schedules are being arranged and met.

Meeting frequently with parents, superintendents, principals, teachers and local officials, the dentist plays a significant role in public relations. All field staff are essentially public relations officers but it is the supervising dentist, together with the regional administrator, who must assess and deal with the specific difficulties and judge public sentiment.

### 2. Dental Therapist

The Saskatchewan Dental Therapist is a graduate of a two-year training course. Students in this course learn to diagnose tooth decay and to restore permanent and baby teeth with silver amalgam and composite resin filling materials. Dental therapists are trained to place stainless steel crowns and space maintainers and to perform pulpotomies (nerve treatments) and extractions on baby teeth. Considerable emphasis in their training is placed on the prevention of dental disease.

Most practising dental therapists in Saskatchewan are employed by the Saskatchewan Dental Plan. Other employers include various provincial and federal government agencies and dentists in private practice.

In the Dental Plan the dental therapist, with the aid of an assistant, provides the majority of preventive and restorative treatment required by Dental Plan patients.

### 3. Dental Therapist/Hygienist

Wascana Institute provides a unique dental hygiene training program. The program is specifically designed for graduate dental therapists. Dental therapists receive approximately 7 months training and obtain the skills necessary to be qualified dental hygienists. The program is accredited by the Canadian Dental Association Council on Education.

Working with a dental assistant, the dental therapist/hygienist provides preventive services, treatment services and staff education aimed at the prevention and treatment of periodontal disease.

In addition, the dental therapist/hygienist spends some time providing the traditional restorative and preventive services of a dental therapist.

### 4. Certified Dental Assistant

Certified dental assistants, who are graduates of a one-year course, play a dual role within the dental team. They perform many chairside duties for the dentist and therapist, such as instrument transfer, suctioning, retraction, preparation of restorative materials and sterilization.

In addition they take radiographs, clean and polish teeth, apply topical fluorides, place sealants and provide oral hygiene instruction.

## Non-Clinical Personnel

### 1. Regional Administrator

Regional administrators maintain records on personnel, equipment, materials, supplies and services. They work in close cooperation with supervising dentists in assigning service areas for dental therapist teams.

Regional administrators are responsible for identifying locations for dental clinics, monitoring program progress, identifying operational problems and initiating corrective action. They share with the supervising dentists, responsibility for public relations in the region and deal with specific difficulties affecting parents, staff and members of the public.

### 2. Equipment Technician

The equipment technician is experienced in instrument technology and repair of dental equipment. He installs, repairs and maintains all dental equipment within the region.

Preventive maintenance is practised by all staff under the guidance of the equipment technician. This maintenance eliminates a great deal of lost time because of malfunctioning dental equipment. The equipment technicians regularly visit the dental clinics and are therefore involved in considerable travel.

The supervising equipment technician provides technical guidance and on-the-job training to technicians and also undertakes some of the more complex repairs requiring specialized shop instruments and tools.



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# Organization of Delivery of Dental Services

## Dental Facilities

The Dental Plan uses a team approach to provide dental services in the school setting. Most of the work provided by the dental teams is performed in one-chair permanent dental clinics. The dental clinics situated in schools have many advantages over clinics located outside the school setting. Some of the advantages are better coordination with school activities, keeping children within the familiar surroundings of their own school, minimal class disruption and a minimum of working time lost by dental teams because of missed appointments or having to transport patients.

As of August 31, 1984 there were 549 permanent clinics located in schools throughout Saskatchewan (Appendix 1 lists dental clinics alphabetically by region). Permanent dental clinics, where possible, consist of a bright well-painted room of approximately 23 square metres, often with an adjoining waiting room and washroom. Most have overhead fluorescent lighting, a ventilation fan and an adequate number of electrical utility outlets. Each clinic has a lockable cupboard with a stainless steel sink and counter work areas. Located in the school, as close as possible to the clinic, is a large fixed air compressor.

A permanent dental clinic is furnished with a motorized dental chair with an attached light, operator and assistant stools, mobile dental cabinet, mobile dental cart, sterilizing equipment, amalgamator, brackets to accommodate a portable x-ray machine and portable lead shielding. All hand instruments are carried from clinic to clinic by the dental teams.

## Patient Care

### 1. Children's Dental Care

The majority of patient care in the Dental Plan is provided in schools using a team approach.

Each team consists of a dental therapist and a certified dental assistant. Associated with each dental therapist team is a supervising dentist who works in close conjunction with about eight teams. In each region there are regional support staff including a regional administrator, an equipment technician and clerical workers.

A great deal of preliminary work within each dental region in developing schedules is undertaken to ensure that a timetable can be developed to provide dental care to all enrolled children with as little disruption to the school as possible. School principals are contacted to discuss suitable times for the teams to visit their schools and to inform them of the number of children enrolled in their particular area. The dental therapist team explains the operation of the Dental Plan to the school staff involved and discusses the schedule within each particular school. To promote continuity, dental teams attempt to schedule their work in a school at the same time each year.

A few days before the child's initial visit to the dental clinic parents are contacted by phone or letter. On the first clinic visit, the child's medical history is checked to see if there are any medical conditions which might affect the provision of dental care. A simple examination of the child's mouth is performed to determine if diagnostic x-rays are required. Any required radiographs are taken and processed.

During the second visit, the dentist or dental therapist gives the child a full clinical examination. A treatment plan is written to suit the individual preventive and restorative needs of the child. Parents are encouraged to be present for this visit so that the pertinent diagnostic findings and treatment planning can be discussed directly with them. At this time, diet and oral hygiene are also discussed with the parent and child. The prevention of dental disease is of great importance, and the dental teams stress preventive measures with the parents and children throughout the course of treatment.

Except for emergencies and urgent problems, the actual dental treatment usually commences at the third clinical session. A dental therapist and certified dental assistant carry out treatment in accordance with the treatment plan. As treatment progresses, any necessary modifications in the treatment plan are made in consultation with the supervising dentist. Dental teams are encouraged to perform quadrant dentistry, so that all necessary treatment in any quarter of the mouth is performed during one visit. Most restorative treatment is performed with the use of rubber dam, a technique which provides improved visibility and control of the operating field for the dental therapist and comfort and protection of the patient.

Referrals to private practitioners are written for specific dental treatment. Private practitioners may also provide emergency services to enrolled children.

## **2. Adolescent Dental Care**

Young people enrolled in the Saskatchewan Dental Plan have been receiving dental care primarily in school dental clinics. Upon leaving school they will be responsible for their own dental health and will need to seek care from a dentist in private practice. A bridging program has been developed in cooperation with the College of Dental Surgeons of Saskatchewan to encourage young people to make this transition. The program provides for a number of adolescents 14 years and over who are enrolled in the Dental Plan to receive care in private dental offices.

The Department of Health has an agreement with the College of Dental Surgeons of Saskatchewan to make a capitation payment to the College for each young person making one or more visits to a participating dentist. In turn an agreement between the College and participating dental practitioners allows dentists to be paid on a fee-for-service basis in accordance with a payment schedule established by the College for this program. All covered services are provided at no charge to the parents. This agreement specifies that dentists will make every effort to ensure the participation of these patients.

In order to provide dental services, schools with grades 9, 10 and 11 are designated as either Dental Plan schools or private practice schools. In Dental Plan schools care is provided by Dental Plan staff in school clinics. In private practice schools dental care is provided in the office of a participating dentist of the parent's choice. All schools assigned to private practice are within fifty kilometers driving distance of a participating dentist. During the past year, of all adolescents assigned to private practice dentists 81.9% born in 1967, 78.1% born in 1968, and 67.2% born in 1969 received care from private practitioners.

The agreement between the College of Dental Surgeons and the Department of Health also specifies that a Quality Assurance Committee will be established. It assesses and makes recommendations about the quality of care provided to young people in both dental clinics and dental offices. This committee consists of a dentist from private practice, a dentist from the College of Dentistry, University of Saskatchewan, and a dentist from the Dental Plan. The committee has established criteria for the evaluation of dental care. Each school year members of the committee visit a number of schools in the province and examine young people who have been treated in the program. The committee sees examples of dental care provided by dentists participating in the adolescent dental program and by dental therapists in school dental clinics. The committee reports its findings regularly to the College of Dental Surgeons of Saskatchewan and the Department of Health.

Statistical highlights of the 1983-84 year of operation of the adolescent program are presented in Tables 1A-1C.

**Table 1A**

**Dental Health of Enrolled Adolescents**  
**September, 1983 - August, 1984**

	1967		1968		1969	
	Assigned to Dental Plan	Assigned to Private Practice	Assigned to Dental Plan	Assigned to Private Practice	Assigned to Dental Plan	Assigned to Private Practice
Decayed, missing, filled permanent teeth (DMF/child)	8.54	8.45	7.67	7.36	6.54	6.30
Decayed	1.06	1.37	1.22	1.27	1.12	1.30
Missing	.41	.40	.33	.33	.28	.29
Filled	7.07	6.67	6.10	5.75	5.13	4.70
% Children with DMF of 0	2.34	3.51	4.15	4.08	5.01	6.17

**Table 1B**

**Number of Enrolled Adolescents Utilizing Dental Services**  
**September, 1983 - August, 1984**

Year of Birth	Provider of Service	Number Enrolled	Number Seen One or More Times	Percent of Enrolled Seen One or More Times
1967	Dental Plan	2,273	2,230	98.11
	Private Practice	10,316	8,154	79.04
	Sub total	12,589	10,170 <sup>1</sup>	80.78
1968	Dental Plan	2,963	2,871	96.90
	Private Practice	10,556	8,377	79.36
	Sub total	13,519	11,037 <sup>1</sup>	81.64
1969	Dental Plan	4,439	4,448	100.20 <sup>2</sup>
	Private Practice	9,096	7,748	85.18
	Sub total	13,535	11,906 <sup>1</sup>	89.06
<b>Total</b>	Dental Plan	9,675	9,549	98.70
	Private Practice	29,968	24,279	81.02
	<b>Total</b>	<b>39,643</b>	<b>33,113<sup>1</sup></b>	<b>83.53</b>

<sup>1</sup> As a young person could have been seen once by both Dental Plan staff and private practitioners due to school changes during the year, the two individual items do not equal the sum.

<sup>2</sup> As a number of young people were transferred to private practice for treatment during the school year, the number seen one or more times by Dental Plan staff is greater than the number enrolled at August 31, 1984.

**Table 1C**

**Principal Clinical Services Provided to Adolescents Born in  
1967, 1968 and 1969  
September, 1983 – August, 1984**

Service	Assigned to Private Practice	Assigned to Private Practice Per 1,000 Adolescents Seen One or More Times	Assigned to Dental Plan	Assigned to Dental Plan Per 1,000 Adolescents Seen One or More Times
Comprehensive examination . . . . .	23,866	983	9,287	973
Emergency oral examination . . . . .	333	14	309	32
Specific oral examination . . . . .	455	19	4,356	456
Intra-oral periapical radiogram-single film . . . . .	1,874	77	693	73
Intra-oral periapical radiogram-two films . . . . .	1,990	82	166	17
Intra-oral periapical radiogram-three films . . . . .	402	17	25	3
Intra-oral periapical radiogram-four films . . . . .	942	39	22	2
Intra-oral periapical radiogram-five films . . . . .	106	4	1	0
Intra-oral/occlusal- single film . . . . .	37	2	22	2
Intra-oral/bitewing- one film . . . . .	53	2	94	10
Intra-oral/bitewing- two films . . . . .	19,227	792	3,941	413
Dental prophylaxis, oral hygiene instruction and topical fluoride . . .	20,859	859	8,891	931
Fillings				
Permanent — one surface . . . . .	15,136	623	5,167	541
Permanent — two surfaces . . . . .	10,984	452	4,755	498
Permanent — three surfaces . . . . .	2,822	116	1,306	137
Permanent — four surfaces . . . . .	522	22	195	34
Permanent — five surfaces . . . . .	114	5	39	4
Acrylic or composite Class I or V only	1,179	49	641	67
Class III . . . . .	2,028	84	989	104
Class IV . . . . .	557	23	161	17
Acrylic or composite, acid etch tech., double class IV (involving mesial & distal) . . . . .	203	8	67	7
Plastic (acrylic) processed . . . . .	302	12	18	2
Endodontics - one canal . . . . .	322	13	65	7
Extraction - single tooth . . . . .	1,806	74	427	45
Each additional tooth in the same quadrant at the same appointment	124	5	11	1

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## Dental Health Promotion

Dental Plan staff are continually involved in community dental health education and promotion activities. Staff frequently participate in community and school association meetings, prenatal class presentations, career days, school open house activities, shopping mall displays and health fairs. Many dental teams also provide dental health instruction in the classroom. These activities are intended to promote dental health and to make current dental health information available to the public.

In 1983, a periodontal survey was conducted to gather information about gum disease in Saskatchewan adolescents. The results showed that although gum irritation, soft debris and limited hard deposits were prevalent amongst the adolescents surveyed, the majority of these conditions were found to be in the early stages. The findings of this survey emphasize the importance of education, prevention and early treatment of gum disease in Saskatchewan's adolescent population.

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## Preventive Programs

The Dental Plan strives to offer the most effective and practical measures available to reduce the incidence of dental disease. To help accomplish this objective, the position of Dental Health Educator has been established. This person is responsible for planning, implementing and evaluating prevention and research projects within the Dental Plan, training Dental Plan staff in prevention-related activities, developing and coordinating health education materials, and acting as a resource person for Dental Plan staff. In this way, prevention activities are coordinated centrally within the Dental Plan.

An individual approach to prevention is used within the dental clinic. When indicated, children and adolescents enrolled in the Dental Plan receive individual oral hygiene and nutritional instruction, as well as topical applications of fluoride. An attempt is made by the dental teams to identify and concentrate their efforts on those children and adolescents with a high risk for dental disease.

Tooth sealants are being applied to selected children's teeth on a trial basis. Tooth decay commonly occurs on the chewing surfaces of teeth. Sealants have been shown to be both safe and effective in preventing decay on these surfaces.

The application procedure is simple. The chewing surface of a permanent molar or pre-molar is cleaned and treated with a mild conditioning solution which allows the sealant to stick to the tooth. The plastic sealant material is then applied to the grooves of the tooth. Approximately 100,000 fissure sealants were placed on permanent teeth.

Many schools in each region are participating in fluoride mouthrinse programs with the approval of the local school board and school personnel. The fluoride mouthrinse procedure is a safe and economical way to prevent tooth decay and requires little classroom time. Every week, under supervision, the students rinse with a 0.2% neutral sodium fluoride solution for one minute, and then return the solution to a paper cup for proper disposal. Studies show that fluoride rinsing reduces tooth decay by about 35%. This procedure is entirely voluntary and without cost to parents.

As of June 1984 more than 9,500 students were participants in fluoride mouthrinse programs. A list of the participating schools by region follows.

## Participating Schools in the Fluoride Mouthrinse Programs

### Swift Current Dental Region

Location	School
Chaplin .....	Chaplin School
Mankota .....	Mankota School
Ponteix .....	Ponteix Hutterite School
Vanguard .....	Vanguard School

Neudorf .....	Neudorf School
Redvers .....	Redvers School
Sheho .....	Sheho Elementary
Stoughton .....	Stoughton School
Torquay .....	Torquay School
Yorkton .....	Fairview Elementary

### Regina Dental Region

Location	School
Abernethy .....	Abernethy Elementary
Balcarres .....	Balcarres School
Coronach .....	Coronach School
Cupar .....	Cupar School
Dysart .....	Dysart School
Earl Grey .....	Earl Grey School
Fort Qu'Appelle .....	Fort Qu'Appelle Elementary
Indian Head .....	Indian Head Elementary
Lang .....	Lang School
Lipton .....	Lipton School
Milestone .....	Milestone Elementary
Qu'Appelle .....	James Hamblin School
Rockglen .....	Rockglen School
Sintaluta .....	Sintaluta Elementary
Southey .....	Southey School
Willow Bunch .....	Willow Bunch School

### Prince Albert Dental Region

Location	School
Aylsham .....	Aylsham Elementary
Arborefield .....	Arborefield School
Big River .....	Big River Primary
Canwood .....	Canwood Elementary
Carragana .....	Carragana Elementary
Carrot River .....	Carrot River Elementary
Chelan .....	Chelan Elementary
Christopher Lake .....	Christopher Lake School
Crooked River .....	Crooked River School
Debden .....	Debden School
Debden .....	L'Ecole Canadienne Francais
Hudson Bay .....	Blake Beattie Elementary
Kinistino .....	Kinistino Elementary
Kinistino .....	R. J. Humphrey Elementary
MacDowell .....	MacDowell Elementary
McKague .....	McKague Elementary
Meath Park .....	Meath Park Elementary
Paddockwood .....	Paddockwood Elementary
Pleasantdale .....	Pleasantdale School
Prince Albert .....	Spruce Home Central Elementary
Prince Albert Rural .....	Redwing Elementary
Prince Albert Rural .....	East Central Elementary
Prince Albert Rural .....	West Central Elementary
Ridgedale .....	Ridgedale School
Shellbrook .....	Shellbrook Elementary
Star City .....	Norwood Hutterite Elementary
Weekes .....	Weekes School
White Fox .....	White Fox School
Yellow Creek .....	Yellow Creek School
Zenon Park .....	Zenon Park School

### Saskatoon Dental Region

Location	School
Delisle .....	Delisle Elementary
Dundurn .....	Dundurn Elementary
Dundurn .....	Hillcrest Hutterite Elementary
Hague .....	Hague Elementary
Perdue .....	Perdue School
St. Louis .....	St. Louis School
Waldheim .....	Waldheim School

### Yorkton Dental Region

Location	School
Alida .....	Alida School
Benson .....	Benson School
Carievale .....	Carievale School
Corning .....	Corning School
Duff .....	Duff Elementary
Estevan .....	Scotsburn School
Gainsborough .....	Gainsborough School
Glen Ewen .....	Glen Ewen School
Goodeve .....	Goodeve School
Hubbard .....	Hubbard Elementary
Killaly .....	Killaly School
Lampman .....	Lampman School
Langbank .....	Langbank School
Lemberg .....	Lemberg School

### North Battleford Dental Region

Location	School
Biggar .....	Nova Wood Elementary
Biggar .....	St. Gabriel's Separate School
Biggar .....	Woodrow Lloyd Elementary
Biggar .....	Goldenview Hutterite Elementary
Cando .....	Cando School
Handel .....	Handel School
Leask .....	Leask Hutterite Elementary
Milden .....	Milden Central School
North Battleford .....	Connaught Elementary
Rosetown .....	Clelland Hutterite Elementary
Scott .....	Lakeview Hutterite Elementary
Sonningdale .....	Sonningdale School
Unity .....	St. Peter's Elementary
Wilkie .....	St. George Separate School



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## Continuing Education

Continuing education is encouraged for all staff in the Dental Plan. Supervising dentists work with individual dental teams and groups of teams presenting and reviewing dental techniques. Each dental region meets several times a year. Normally a portion of each meeting is set aside for continuing education. Topics include reviews of clinical procedures, patient management and communication skills.

This year selected dental therapists and assistants from each region attended a continuing education course with supervising dentists, regional administrators and head office staff. Raymond Croucher of Cambridge University presented his award winning dental prevention program for adolescents, "Natural Nashers". Mavis Kyle, Associate Dean of the University of Saskatchewan, School of Nursing, gave a workshop entitled, "Supervisory and Communication Skills for Health Professionals". The supervising dentists attended a course presented by Drs. Matthews and Hastings of Wascana Institute. They reviewed the techniques dental therapists are currently being taught. Dr. David Singer, University of Saskatchewan, School of Dentistry, presented "Rapidly Progressing Juvenile Periodontitis, Its Early Identification and Treatment".

Many staff members received support for attending courses and meetings presented by other organizations in the province such as the Dental Therapists Association, the College of Dental Surgeons of Saskatchewan and the University of Saskatchewan.

A number of dentists in the Dental Plan attended management courses sponsored by the Department of Health and the Public Service Commission.

## Other Activities

In addition to the major responsibility of improving the level of dental health of children and adolescents in the province, the Saskatchewan Dental Plan is involved in other dental activities.

The Dental Plan provides consultation on provincial dental matters to other agencies such as the Northern Health Services Branch, Community Health Services Branch, Medical Care Insurance Commission and the Federal Government.

The Dental Plan administers the Supplementary Health Benefits Dental Program. In this capacity the Dental Plan summarizes unusual claims for review by the Dental Advisory Board and processes approved claims for payment. Details are provided in Appendix 2.

The College of Dentistry at the University of Saskatchewan and the Dental Plan work together to provide students and new graduates an opportunity to gain first hand knowledge of the Dental Plan. As well as encouraging graduates to consider a career as a supervising dentist with the Dental Plan, the knowledge gained from this experience helps build a positive working relationship between those graduates entering private practice in the province and the Dental Plan. College of Dentistry students at the University of Saskatchewan have an opportunity to learn about the Dental Plan through class discussions in which Dental Plan staff participate, by visits to Dental Plan clinics and by working in a Dental Plan clinic during a portion of their fifth year of training.

One dental student was employed by the Dental Plan in Regina during July and August in the dental claims and assessments section.

The Dental Plan also offers part-time employment to recent graduates of the College of Dentistry, University of Saskatchewan. Three recent graduates provided dental care on a part-time basis to children and adolescents attending Dental Plan clinics. These dentists become familiar with the Dental Plan and gain experience in providing dental care to children and adolescents.

The Dental Plan and the College of Dental Surgeons participate in a summer externship program. This program provides fifth year dental students at the University of Saskatchewan with an opportunity to gain experience in providing preventive and treatment procedures in a rural dental practice setting under the guidance of a private practitioner. The Dental Plan provided a grant to the College of Dental Surgeons of \$800.00 per student per month for 8 students who worked a total of 23 months. This grant was paid to the private practitioner who in turn paid the student a salary of \$1,600.00 a month.

**Table 2****Enrollment of Eligible Children and Adolescents  
(Excluding Registered Indians)<sup>1</sup>****as at August 31, 1984**

Age Group	Number Eligible	Number Enrolled	Percent Enrolled	Number Refused	Percent Refused	Number No Response	Percent No Response
Total <sup>2</sup>	174,535	154,548	88.5	15,347	8.8	4,640	2.7
Born 1967	14,694	12,066	82.1	1,983	13.5	645	4.4
Born 1968	14,716	12,872	87.5	1,513	10.3	331	2.2
Born 1969	14,746	12,952	87.8	1,448	9.8	346	2.4
Born 1970	14,380	12,586	87.5	1,478	10.3	316	2.2
Born 1971	14,408	12,669	87.9	1,434	10.0	305	2.1
Born 1972	14,370	12,772	88.9	1,317	9.2	281	1.9
Born 1973	14,011	12,536	89.5	1,211	8.6	264	1.9
Born 1974	14,193	12,785	90.1	1,115	7.8	293	2.1
Born 1975	14,473	13,194	91.2	1,001	6.9	278	1.9
Born 1976	14,618	13,315	91.1	916	6.3	387	2.6
Born 1977	14,992	13,603	90.7	982	6.6	407	2.7
Born 1978	14,934	13,198	88.4	949	6.3	787	5.3

<sup>1</sup> Enrollment figures include those adolescents eligible for treatment by private practice dentists in the adolescent dental program.<sup>2</sup> Enrollment figures for Registered Indians are reported separately. Because of a number of circumstances unique to that group of children and adolescents, their participation in the Dental Plan is markedly lower than that of other eligible children (see Table 3).**Table 3****Enrollment of Eligible Registered Indians<sup>1</sup>****as at August 31, 1984**

Age Group	Number Eligible	Number Enrolled	Percent Enrolled	Number Refused	Percent Refused	Number No Response	Percent No Response
Total	12,174	7,236	59.4	483	4.0	4,455	36.6
Born 1967	941	523	55.6	41	4.3	377	40.1
Born 1968	1,048	647	61.7	51	4.9	350	33.4
Born 1969	940	583	62.0	41	4.4	316	33.6
Born 1970	1,006	644	64.0	62	6.2	300	29.8
Born 1971	1,001	668	66.7	41	4.1	292	29.2
Born 1972	1,035	665	64.3	48	4.6	322	31.1
Born 1973	995	644	64.7	44	4.4	307	30.9
Born 1974	1,026	651	63.5	37	3.6	338	32.9
Born 1975	985	610	61.9	35	3.6	340	34.5
Born 1976	1,025	586	57.2	36	3.5	403	39.3
Born 1977	1,054	570	54.1	33	3.1	451	42.8
Born 1978	1,118	445	39.8	14	1.3	659	58.9

<sup>1</sup> Enrollment figures include those adolescents eligible for treatment by private practice dentists in the adolescent dental program.

## Dental Health of Enrolled Children and Adolescents

Every child and adolescent enrolled in the Dental Plan is examined once a year. This is a thorough examination with a dental light, mirror, explorer and air to dry the teeth. X-rays may be used to detect cavities between the teeth that cannot be seen otherwise.

Children in the province experience considerable tooth decay at a young age. It can be seen in Table 4A that the average five year old had 2.20 decayed deciduous (baby) teeth.

Table 4B shows a dramatic improvement in the number of decayed, missing and filled permanent teeth for individual age groups from the 1974-75 program year to the 1983-84 program year.

Figure 4 reflects the improvement of dental health of six year old children during the ten years the Dental Plan has been in operation.

The total number of decayed, missing and filled permanent and baby teeth for six year old children, as shown in Figure 4, has declined from 6.5 in 1974-75 to 3.6 in 1983-84. It should be noted that in addition to an overall reduction in the total there has been a significant change from the major category being decayed teeth for six year olds in 1974-75 to the major category being filled teeth for six year old children in 1983-84.

**Table 4A**

## Dental Health of Enrolled Children and Adolescents September, 1983 — August, 1984

	Average Number or Percent Per Adolescent By Year of Birth			Average Number or Percent Per Elementary Child By Year of Birth								
	1967 <sup>1</sup>	1968 <sup>1</sup>	1969 <sup>1</sup>	1970 <sup>1</sup>	1971 <sup>1</sup>	1972 <sup>1</sup>	1973 <sup>1</sup>	1974 <sup>1</sup>	1975	1976	1977	1978
Decayed, extracted, filled deciduous teeth (DEF) . . . . .	—	—	—	—	—	—	—	—	3.72	3.59	3.37	2.83
Decayed . . . . .	—	—	—	—	—	—	—	—	.60	.79	1.12	2.20
Extracted . . . . .	—	—	—	—	—	—	—	—	.18	.15	.10	.06
Filled . . . . .	—	—	—	—	—	—	—	—	2.93	2.64	2.14	.56
Decayed, missing, filled permanent teeth (DMF) . . . . .	8.47	7.44	6.38	4.99	4.05	3.18	2.57	1.80	1.23	.71	.26	.04
Decayed . . . . .	1.30	1.26	1.23	.94	.82	.62	.52	.46	.46	.41	.21	.03
Missing . . . . .	.40	.33	.29	.23	.15	.09	.05	.01	.00	.00	.00	.00
Filled . . . . .	6.75	5.84	4.85	3.81	3.06	2.46	1.99	1.33	.76	.29	.04	.00
Total DEF and DMF . . . . .	—	—	—	—	—	—	—	—	4.95	4.30	3.63	2.87
Children with DMF of 0 . . . . .	3.27%	4.10%	5.76%	9.00%	12.14%	16.73%	21.73%	35.10%	49.25%	66.58%	85.86%	97.59%
Children with DEF of 0 . . . . .	—	—	—	—	—	—	—	—	21.36%	25.43%	31.53%	41.34%
Children with DMF and DEF of 0 . . . . .	—	—	—	—	—	—	—	—	16.20%	21.85%	30.02%	41.09%
Decayed deciduous and permanent teeth . . . . .	—	—	—	—	—	—	—	—	1.06	1.21	1.33	2.24
Filled deciduous and permanent teeth . . . . .	—	—	—	—	—	—	—	—	3.70	2.93	2.19	.56
Ratio filled deciduous and permanent teeth to DMF and DEF . . . . .	—	—	—	—	—	—	—	—	.74	.68	.60	.19
Ratio missing and extracted to filled teeth . . . . .	.06	.05	.06	.06	.05	.04	.05	.05	.05	.05	.04	.11
Permanent teeth erupted and not decayed . . . . .	19.30	20.03	20.66	20.24	19.35	16.81	13.36	10.90	9.42	7.40	3.92	.80
Deciduous teeth filled and redeayed . . . . .	—	—	—	—	—	—	—	—	.13	.13	.11	.05
Permanent teeth filled and redeayed . . . . .	.16	.13	.10	.07	.05	.04	.04	.02	.01	.00	.00	.00

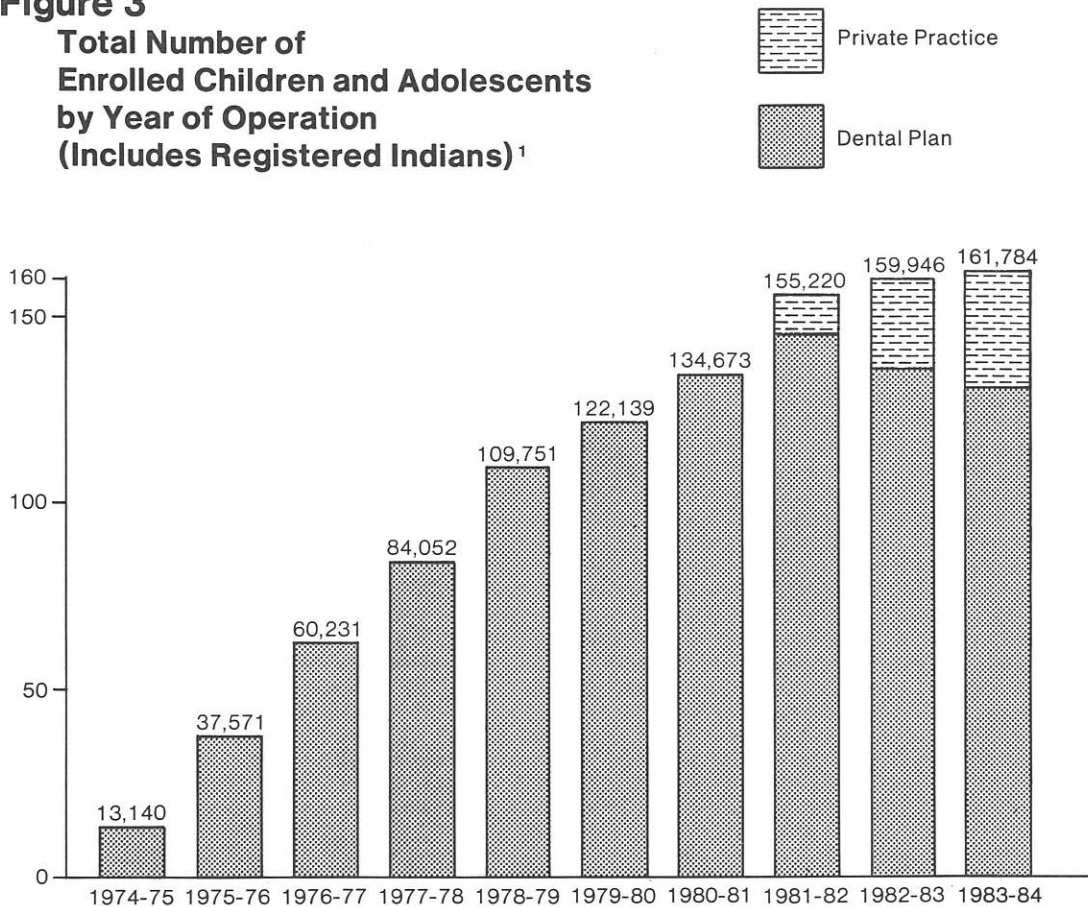
<sup>1</sup> Dental health indices on deciduous teeth for these children and adolescents have not been reported since too high a proportion of deciduous teeth have already been shed.

**Table 4B**

**Progression of Decayed, Missing and Filled (DMF)  
Permanent Teeth by Age  
1974-75 to 1983-84**

Age School Year	6	7	8	9	10	11	12	13	14
1974-75	.94	—	—	—	—	—	—	—	—
1975-76	.80	1.95	—	—	—	—	—	—	—
1976-77	.72	1.81	2.71	3.10	—	—	—	—	—
1977-78	.67	1.52	2.54	3.21	3.68	—	—	—	—
1978-79	.57	1.46	2.26	3.01	3.65	4.42	5.23	—	—
1979-80	.53	1.24	2.08	2.69	3.43	4.20	5.24	6.25	—
1980-81	.38	1.17	1.80	2.47	3.07	3.94	4.96	6.25	7.32
1981-82	.32	.93	1.76	2.30	2.96	3.63	4.71	5.86	7.17
1982-83	.31	.83	1.45	2.27	2.76	3.43	4.33	5.48	7.07
1983-84	.26	.71	1.23	1.80	2.57	3.18	4.05	4.99	6.38

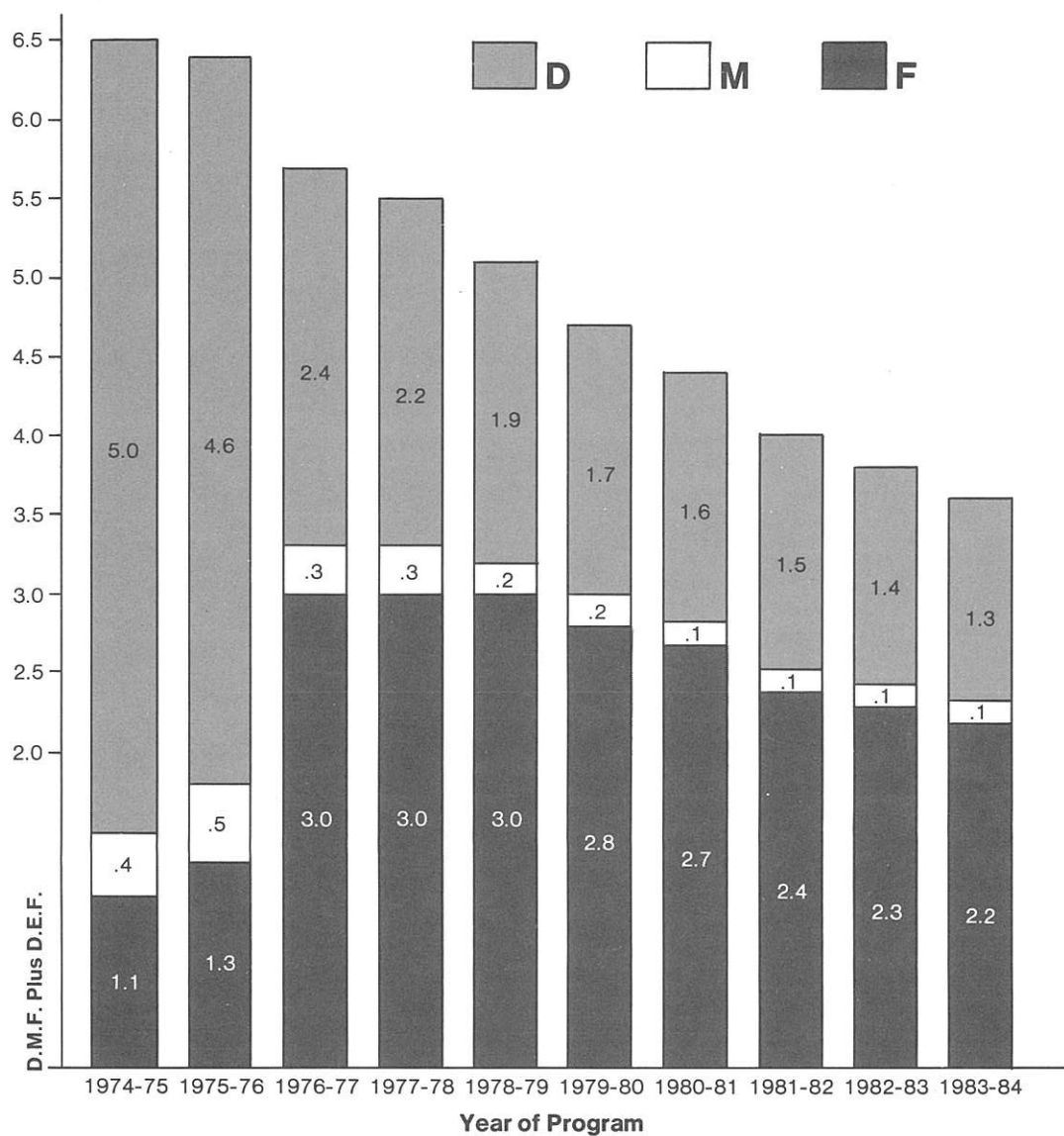
**Figure 3  
Total Number of  
Enrolled Children and Adolescents  
by Year of Operation  
(Includes Registered Indians)<sup>1</sup>**



<sup>1</sup> As of August 31 in each program year.

**Figure 4**

**Total D.M.F.<sup>1</sup> Plus D.E.F.<sup>2</sup> for a Six Year Old Child by Year of Program**



<sup>1</sup> Decayed, missing, filled (permanent teeth)  
<sup>2</sup> Decayed, extracted, filled (deciduous teeth)

# Services Provided to Enrolled Children and Adolescents

All services provided by Dental Plan staff are recorded, for statistical purposes, in a data information system in addition to the customary patient service record. The volume of services provided by Dental Plan staff and private dental

practitioners during the 1983-84 program year is shown, by age of patient, in table 5. Comparisons with the volume of service provided in previous years may be made by referring to previous reports.

**Table 5**

## Clinical Services Provided<sup>1</sup> September, 1983 — August, 1984

Services	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	Total
<b>Number (By Year of Birth)</b>													
Parent contacts													
In person.....	246	405	861	2,783	2,984	3,521	4,036	4,779	5,382	5,949	5,625	18,833	55,404
By phone.....	702	948	1,746	5,230	4,959	4,893	5,593	5,873	6,746	7,126	6,667	15,201	65,684
By letter.....	3,259	4,317	6,724	21,149	20,541	21,323	22,302	22,565	23,745	25,511	24,124	18,945	214,505
Diagnostic services													
Initial oral examination.....	8,064	8,320	7,944	734	869	858	838	772	815	1,019	1,386	11,639	43,258
Emergency oral examination.....	235	188	219	393	448	655	777	902	857	984	919	1,466	8,043
Specific oral examination.....	1,333	1,385	2,238	8,948	5,790	6,154	9,882	6,261	7,159	10,844	5,553	2,415	67,962
Recall examination.....	2,108	2,650	4,067	12,031	11,905	11,988	11,800	12,107	12,411	12,461	12,289	1,469	107,286
Diagnostic models.....	69	102	128	106	107	133	178	235	257	239	90	57	1,701
Radiographic services													
Periapical radiographs.....	4,335	4,027	4,222	1,562	1,495	1,570	1,757	1,805	1,845	1,840	1,173	1,724	27,355
Bite-wing radiographs (single film).....	15,228	15,380	15,981	10,601	8,658	6,886	6,667	6,968	8,089	9,062	8,346	11,555	123,421
Panoramic radiographs.....	7	7	7	3	3	6	8	10	6	4	3	4	68
Occlusal single.....	15	15	29	29	26	39	48	101	229	283	218	136	1,168
Preventive services													
Dental prophylaxis.....	9,410	10,109	11,244	12,831	13,061	13,173	12,835	12,994	13,286	13,201	13,330	12,441	147,915
Polish amalgam.....	767	932	1,538	4,379	4,121	3,843	3,921	4,397	4,721	4,915	4,479	3,562	41,575
Topical fluoride.....	1,956	2,522	3,942	11,602	11,827	11,906	11,701	11,942	12,258	12,399	12,579	11,771	116,405
Fluoride varnish.....	1	1	9	17	14	16	13	12	13	15	10	11	132
Nutritional counsel (individual).....	314	385	550	1,858	1,904	1,854	1,933	2,062	2,137	2,232	2,367	2,153	19,749
Oral hygiene instruction (individual).....	2,010	2,698	4,183	12,302	12,462	12,290	12,008	12,194	12,352	12,498	12,626	12,183	119,806
Fissure sealant.....	1,038	1,977	4,416	19,127	19,947	14,709	9,223	6,905	9,294	15,480	13,747	3,338	119,201
Group instruction <sup>2</sup> .....	0	0	0	0	0	0	0	0	0	0	0	0	1,483
Restorative services													
Total amalgam restorations (silver).....	13,241	13,281	14,718	13,954	12,174	9,923	10,412	13,115	16,084	17,699	17,314	24,113	176,028
Amalgam primary													
One surface.....	13	12	27	29	73	187	490	1,020	1,623	2,341	3,368	7,270	16,453
Two surface.....	37	28	41	143	328	942	2,342	4,728	6,801	8,350	9,838	14,201	47,779
Three surface.....	17	8	16	27	74	222	475	752	859	776	820	1,864	5,910
Four surface.....	1	0	0	2	6	17	24	48	40	44	33	97	312
Five surface.....	0	0	0	0	0	1	2	3	3	1	3	4	17
Amalgam permanent													
One surface.....	5,812	6,479	8,012	8,024	7,205	5,353	4,454	4,625	4,983	4,662	2,463	498	62,570
Two surface.....	5,488	5,104	5,147	4,639	3,704	2,720	2,145	1,684	1,549	1,303	706	151	34,340
Three surface.....	1,508	1,374	1,246	941	682	401	376	184	177	60	60	25	7,192
Four surface.....	304	232	181	129	87	67	83	36	36	38	19	3	1,215
Five surface.....	61	44	48	20	15	13	21	1	6	7	4	0	240



Composite restorations (white) .....	2,193	1,948	1,769	1,764	1,524	1,255	1,087	799	648	394	211	515	14,107
Retentive pins .....	191	149	121	40	50	49	46	25	21	32	6	9	739
Crowns .....													
Stainless steel .....	18	18	16	26	57	124	252	711	1,384	1,870	2,211	4,350	11,037
Porcelain, plastic, cast or preformed metal .....	229	133	90	16	34	20	22	15	4	2	0	1	566
Caries control .....													
Removal of decay and placement of sedative dressing .....	103	108	107	144	166	204	266	220	201	217	261	943	2,940
Discing or slicing .....	32	52	47	121	125	158	284	474	790	919	326	144	3,472
Prosthetic services .....													
Full dentures .....	2	0	0	0	0	0	0	0	0	0	0	0	2
Partial dentures .....	18	17	15	9	19	10	8	2	6	4	0	0	108
Pulp therapy services .....													
Pulp cap .....	66	75	91	188	221	157	155	145	129	125	66	105	1,523
Root canal therapy .....	147	123	121	51	70	56	53	28	19	6	0	0	674
Pulpotomy .....	38	27	33	41	71	175	367	692	1,048	1,259	1,673	4,163	9,587
Periodontal services .....	136	146	205	413	382	281	206	185	132	85	33	13	2,217
Surgical services .....													
Extraction of primary teeth .....	564	658	918	735	1,233	1,671	1,951	1,722	1,412	1,520	1,541	1,383	15,308
Extraction of permanent teeth .....	7	20	28	64	61	45	63	21	15	24	9	1	358
Extraction of primary teeth for orthodontic purposes .....	4	5	44	342	630	925	1,021	1,033	1,061	930	616	244	6,855
Extraction of permanent teeth for orthodontic purposes .....	9	30	81	279	326	419	274	198	76	86	50	15	1,843
Removal of residual roots (soft tissue coverage) .....	38	8	4	5	8	6	5	4	11	7	3	9	108
Open and drainage of tooth .....	9	11	14	11	8	12	18	16	31	32	15	36	213
Surgical exposure of unerupted tooth .....	0	2	3	5	3	5	7	5	2	1	3	1	37
Removal of tooth (specialist) .....	11	8	24	27	42	51	46	33	32	24	5	9	312
Other surgical services (specialist) .....	90	42	53	73	67	53	69	35	34	32	10	8	566
Palliative services .....	103	75	58	24	37	35	46	70	48	41	45	24	606
Space maintainers and minor orthodontic services .....													
Unilateral space maintainer .....	10	2	3	10	6	15	39	96	210	347	391	575	1,704
Bilateral space maintainer .....	2	1	5	8	22	23	47	64	67	75	51	22	387
Tooth movement and space regaining .....	12	21	35	34	46	64	85	163	141	111	25	3	740
Observation/adjustment of active appliance .....	51	108	111	161	156	225	342	463	410	297	46	7	2,377
Removal/re-cement of fixed appliance .....	5	2	7	4	17	40	86	101	104	44	17	7	434
Occlusal adjustment .....	1	1	6	5	9	9	5	8	9	25	10	5	93
Number of children seen one or more times .....	10,170	11,037	11,906	12,782	12,992	13,081	12,843	13,155	13,468	13,597	13,851	13,224	152,106
Percent of children seen one or more times .....	80.78	81.64	87.96	96.61	97.41	97.35	97.44	97.91	97.57	97.81	97.73	96.93	94.02

<sup>1</sup> Includes services to enrolled registered Indians.

<sup>2</sup> Group instruction on dental health was provided to children in 1,483 classrooms. Individual records were not maintained by year of birth.

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## Referred and Emergency Services

The costs of services provided by private practitioners to children and adolescents enrolled in the Dental Plan are covered in three areas: referred services, emergency services and services provided in the adolescent dental program.

Referrals for children and adolescents to private practitioners are of two types. A general referral is given to a patient when the examining dentist feels that the management of the patient is beyond the capability of the dental therapist. Into the category of patient management fall individuals with such problems as mental or physical handicaps and medical or emotional problems. Dental Plan dentists are qualified to deal with such situations, but intensive treatment of special cases is not their primary role in the Plan. Rather, their role is to examine all enrolled children and to supervise the treatment. It is therefore considered preferable to refer children requiring extensive management to a private practitioner, who can devote more time to them and provide more intensive care.

Enrolled children and adolescents are also given referrals to private practitioners for specific dental problems beyond the capability of the dental therapist. Into this category fall such services as treatment of minor orthodontic problems and extensive surgical procedures.

Private practitioners also provide emergency services to enrolled children and adolescents. Emergency services are defined as the relief of pain, treatment of infections, or control of haemorrhage. In emergency cases, the patient does not need to be referred by a Dental Plan dentist in order for service costs to be covered.

In addition, in 1983-84 four private practitioners provided dental care to enrolled children and adolescents on a contract basis.

The following table outlines the types and costs of referred and emergency services provided by private practitioners to children and adolescents enrolled in the Saskatchewan Dental Plan in 1983-84.

**Table 6**

# **Referred and Emergency Services Provided By Private Practice Dentists to Children and Adolescents Enrolled in the Dental Plan<sup>1</sup>**

**September, 1983 — August, 1984**

Type of Service	Referred		Emergency		Total	
	No.	Cost (\$)	No.	Cost (\$)	No.	Cost (\$)
Total .....	10,827	280,325.80	2,304	52,183.86	13,131	324,808.13
Initial oral examination .....	1,116	16,050.85	95	1,366.50	1,211	17,417.35
Specific oral examination .....	381	6,630.00	6	80.40	387	6,710.40
Diagnostic models .....	19	334.45	2	35.50	21	369.95
Periapical x-rays .....	895	6,931.05	487	4,421.30	1,382	11,352.35
Bitewing x-rays .....	771	5,317.00	105	790.15	876	6,107.15
Panoramic x-rays .....	41	1,023.00	1	26.20	42	1,049.20
Topical fluoride and dental prophylaxis .....	465	4,140.35	65	567.40	530	4,707.75
Oral hygiene instruction (individual) .....	161	1,881.70	11	122.10	172	2,003.80
Amalgam restorations .....	2,043	47,977.43	231	5,434.50	2,274	53,411.93
Composite restorations .....	356	11,344.90	182	7,778.50	538	19,123.40
Stainless steel crowns .....	247	9,540.67	36	1,388.40	283	10,929.07
Crowns — porcelain, plastic, cast or preformed metal .....	123	14,781.30	15	1,532.30	138	16,313.60
Caries control — removal of decay, place sedative dressing, ....	22	159.30	24	171.40	46	330.70
Full or partial dentures .....	28	4,312.84	2	179.65	30	4,492.49
Root canal therapy .....	161	27,207.90	47	7,861.25	208	35,069.15
Pulpotomy .....	286	7,374.30	104	2,795.55	390	10,169.85
Removal of erupted teeth .....	1,200	23,721.09	423	8,450.25	1,623	32,171.34
Surgical removal of tooth (specialist) .....	251	6,511.60	2	45.65	253	6,557.25
Other surgical services (specialist) .....	351	34,577.37	0	0.00	351	34,577.37
Unilateral space maintainer .....	79	4,665.75	13	451.25	92	5,117.00
Bilateral space maintainer .....	67	7,071.55	1	40.00	68	7,111.55
Tooth movement and space regaining .....	48	5,536.10	0	0.00	48	5,536.10
Observation orthodontics .....	99	1,039.75	0	0.00	99	1,039.75
Other miscellaneous services .....	1,617	32,195.55	452	8,645.61	2,069	40,841.16
Other services unidentified .....	—	—	—	—	—	(7,701.53)

<sup>1</sup> In addition to the above expenditures, the following costs were incurred:

- (a) \$2,248,583.64 in capitation payments were made to the College of Dental Surgeons for services provided to 24,535 adolescents who received routine dental care from private practice dentists;
  - (b) \$96,046.03 was paid to four private practitioners working on a contract basis to provide dental care to enrolled children and adolescents.
- Therefore these expenditures amount to \$2,669,437.80. (See Statement 1)

## Expenditures

In a review of the following financial statements, certain points should be noted:

1. The financial statements reflect all expenditures incurred directly by the Dental Plan. The statements include certain expenditures which apply to activities other than the provision of dental care to enrolled persons. However, costs related to the Dental Plan which were incurred by other agencies are excluded.

2. Revenue from Dental Plan activities is not applied to offset expenditures. Total revenue of \$1,594,947.96 realized during the year includes:

(a) Department of National Health and Welfare — enrolled Indian children and adolescents	\$612,349.12
(b) Department of National Health and Welfare — Canada Assistance Plan	\$960,093.90
(c) Province of Alberta — preventive services in Lloydminster	\$ 11,180.00
(d) Other miscellaneous and casual revenues	\$ 11,324.94

## Statement 1

### Statement of Payments — Operating Expenses

#### Administration (Regina Central Office)

	September 1, 1982 to August 31, 1983	September 1, 1983 to August 31, 1984
Salaries and honoraria	\$ 758,598.89	\$ 772,356.92
Travel	19,548.31	16,718.13
Public information and advertising	79,167.42	60,289.65
Professional dues and staff training	3,498.75	4,437.97
Office expenses	44,734.57	69,471.13
Other expenses	482,744.96	453,752.04
Sub total	\$ 1,388,292.90	\$ 1,377,025.84

#### Dental Plan Program Expenses

Salaries	\$ 9,314,732.51	\$ 9,356,104.06
Travel	719,895.13	768,831.33
Public information and advertising	574.86	544.35
Professional dues and staff training	38,363.77	36,644.05
Office expenses	191,012.01	232,382.56
Private practitioner services	2,137,213.13	2,669,437.80
Laboratory supplies and services	49,234.38	54,927.02
Dental supplies	502,636.51	417,219.95
Repairs	44,119.98	58,453.15
Taxes and licences	17,033.66	10,927.92
Grants and contributions	12,800.00	25,800.00
Other expenses	108,357.19	112,545.69
Sub total	\$13,135,973.13	\$13,743,817.88
Total operating expenditure	\$14,524,266.03	\$15,120,843.72
Capital equipment purchases	134,845.83	2,470.44
Total expenditure	\$14,659,111.86	\$15,123,314.16

#### Supplementary Health Benefits — Dental Program Expenses

Salaries and honoraria	\$ 27,978.57	\$ 77,959.65
Travel	52.80	299.20
Office expenses	7.91	1,337.71
Private practitioner services	1,086,356.77	2,595,476.07
Other expenses	3,204.03	27,642.59
Total expenditure	\$ 1,117,600.08 <sup>1</sup>	\$ 2,702,715.22
Total of all expenditures	\$15,776,711.94	\$17,826,029.38

<sup>1</sup> Actual expenditure for the five month period April 1, 1983 to August 31, 1983 only. Previous expenditures were reported by Medical Services Division, Department of Health.

## Statement 2

### Expenditure Statement Reconciliation to Public Accounts<sup>1</sup>

	Public Accounts	Program Year
Expenditure Sept. 1/81 — March 31/82 .....	not applicable <sup>2</sup>	\$ 7,896,199.69
Expenditure April 1/82 — August 31/82 .....	\$ 5,885,744.09	<u>5,885,744.09</u>
Total Expenditure 1981-82 Program Year .....		<u>\$13,781,943.78</u>
Expenditure Sept. 1/82 - March 31/83 .....	<u>8,617,521.86</u>	\$ 8,617,521.86
Public Accounts 1982-83 .....	<u>\$14,503,265.95</u>	
Expenditure April 1/83 — August 31/83 .....	\$ 7,159,190.08	<u>7,159,190.08</u>
Total Expenditure 1982-83 Program Year .....		<u>\$15,776,711.94</u>
Expenditure Sept. 1/83 — March 31/84 .....	<u>11,076,236.68</u>	\$11,076,236.68
Public Accounts 1983-84 .....	<u>\$18,235,426.76</u>	
Expenditure April 1/84 — August 31/84 .....		<u>6,749,792.70<sup>3</sup></u>
Total Expenditure 1983-84 Program Year .....		<u>\$17,826,029.38</u>

<sup>1</sup> This reconciliation is included because the Saskatchewan Dental Plan operates on a school year (begins September 1) rather than on the Government fiscal year (begins April 1).

<sup>2</sup> The figures for this period apply to the fiscal year 1981-82 and have been reported in previous reports. The figure is not reported here to avoid confusion.

<sup>3</sup> These figures, obtained from the Department of Finance monthly expenditure statements relating to the Saskatchewan Dental Plan, will be included in the Public Accounts for the 1984-85 fiscal year.

### Statement 3

## Adjustment to Cash Expenditure Statements Shown in Statement 1 to Determine Actual Cost of Services Rendered to Enrolled Children and Adolescents

	Program Year September 1/82 — August 31/83	Program Year September 1/83 — August 31/84
<b>Total Operating Expenditure</b>		
(from statement 1) .....	\$14,524,266.03	\$15,120,843.72
Add dental supplies opening inventory .....	\$561,024.19	\$563,570.93
Less dental supplies closing inventory .....	(563,570.93)	(407,161.96)
Add repair parts opening inventory .....	49,196.16	53,077.94
Less repair parts closing inventory .....	(53,077.94)	(32,229.15)
Less grant paid to the College of Dental Surgeons of Saskatchewan for the Summer Dental Externship Program <sup>1</sup> .....	(12,800.00)	(25,800.00)
Less cost of providing certain dental services to Lloydminster, Alberta <sup>2</sup> .....		(8,313.32)
Sub total .....	\$14,505,037.51	\$15,263,988.16
Add depreciation .....	163,829.69	139,625.80 <sup>3</sup>
Add amortization .....	26,225.50	20,980.40 <sup>4</sup>
Actual cost of services .....	\$14,695,092.70	\$15,424,594.36
Number of enrolled children and adolescents .....	159,946	161,784
Average cost per enrolled child <sup>5</sup> .....	\$ 91.88	\$ 95.34

<sup>1</sup> Grant for students in the College of Dentistry, University of Saskatchewan, serving a dental externship with private practice dentists in rural Saskatchewan.

<sup>2</sup> Costs incurred for providing certain dental health education and preventive services to children resident in Alberta, who attend school in Lloydminster, under an agreement with the Province of Alberta.

<sup>3</sup> Opening inventory of depreciated fixed assets (\$1,092,197.91 — \$163,829.69) .. \$ 928,368.22  
 Add purchases during year ..... 2,470.44 || Undepreciated fixed assets ..... | \$ 930,838.66 |
| Depreciation calculated at 15% of undepreciated value of fixed assets ..... | \$ 139,625.80 |

<sup>4</sup> Costs incurred for rewrite of the data processing system (\$131,127.49 — \$26,225.50) ..... \$ 104,901.99 || Add costs incurred during year ..... | 0.00 |
| Unamortized value of system ..... | \$ 104,901.99 |
| Amortization calculated at 20% of unamortized value of system ..... | \$ 20,980.40 |

<sup>5</sup> Calculated by dividing the actual cost of services by the number of children and adolescents enrolled.

Note: The Department of Education covers the cost of establishing dental clinics in schools. These expenditures are capital in nature and should be amortized over the life of the facility.

Opening inventory of approved dental clinics (\$3,936,007.80 — \$853,811.90) ..... \$3,082,195.90 || Add approved dental clinics from September 1/83 to August 31/84 ..... | \$ 496,327.00 |
| Undepreciated dental clinics ..... | \$3,578,522.90 |
| Depreciation calculated at 5% of undepreciated value of dental clinics ..... | \$ 178,926.15 |

This would represent an average cost per enrolled child of:  $\frac{\$178,926.15}{161,784} = \$1.11$



## Appendix 1

### Established Dental Clinics by Dental Region and Location

#### Swift Current Dental Region

Location	School
Abbey .....	Abbey School
Burstall .....	Burstall School
Cabri .....	Cabri Elementary
Central Butte .....	Central Butte Elementary
Chaplin .....	Chaplin Elementary
Climax .....	Climax Elementary
Consul .....	Consul School
Dinsmore .....	Dinsmore School
Eastend .....	Eastend School
Elrose .....	Elrose School
Eston .....	Eston Elementary
Fox Valley .....	Fox Valley School
Frontier .....	Frontier School
Gravelbourg .....	Gravelbourg Elementary
Gull Lake .....	Gull Lake Elementary
Herbert .....	Herbert Elementary
Hodgeville .....	Hodgeville Elementary
Kincaid .....	Kincaid School
Kyle .....	Kyle School
Lafleche .....	Lafleche School

Location	School
Lancer .....	Lancer Elementary
Leader .....	Leader Elementary
Mankota .....	Mankota School
Maple Creek .....	Jasper Street Elementary Sidney Street Elementary
Morse .....	Morse School
Ponteix .....	Ponteix Elementary
Richmound .....	Richmound School
Shaunavon .....	Christ the King School Shaunavon Public School
Swift Current .....	Ashley Park Elementary Central Elementary Dickson Elementary Fairview Elementary James O. Begg Elementary Kinsman/Oman Elementary
Val Marie .....	Val Marie School
Vanguard .....	Vanguard Elementary
Wymark .....	Wymark Elementary
Total Clinics for 1983-84 .....	39

#### Regina Dental Region

Location	School
Abernethy .....	Abernethy Elementary
Assiniboia .....	Assiniboia Jr. High
Avonlea .....	Avonlea Elementary
Balcarres .....	Balcarres School
Balgonie .....	Balgonie Elementary
Bengough .....	Bengough School
Bethune .....	Bethune School
Briercrest .....	Briercrest School
Brownlee .....	Brownlee School
Bulyea .....	Bulyea School
Caronport .....	Caronport Elementary
Ceylon .....	Ceylon Elementary
Coderre .....	Coderre School
Coronach .....	Coronach School
Crane Valley .....	Crane Valley School
Creelman .....	Creelman Elementary
Cupar .....	Cupar Elementary
Dysart .....	Dysart School
Fillmore .....	Fillmore School
Fort Qu'Appelle .....	Fort Qu'Appelle Elementary
Francis .....	Francis School
Gladmar .....	Gladmar High
Glenavon .....	Glenavon School
Goodwater .....	Goodwater Elementary
Govan .....	Govan Elementary
Grand Coulee .....	Grand Coulee School
Indian Head .....	Indian Head Elementary
Kelliher .....	Kelliher School
Lajord .....	Lajord Hutterite Elementary

Location	School
Lake Alma .....	Lake Alma Elementary
Lang .....	Lang Elementary
Lebret .....	Qu'Appelle Residential School
Lestock .....	Lestock High
Limerick .....	Limerick Elementary
Lipton .....	Lipton Elementary
Lumsden .....	Arm River Hutterite Elementary Lumsden Elementary
McLean .....	McLean School
Marquis .....	St. Mark Separate Elementary
Midale .....	Midale School
Milestone .....	Milestone Elementary
Minton .....	Minton Elementary
Montmartre .....	Montmartre School
Moose Jaw .....	Alexander Elementary Bushell Park School Empire Elementary King Edward Elementary King George Elementary Lindale School Palliser Heights Elementary Prince Arthur Elementary Ross Elementary Sacred Heart Elementary St. Agnes Elementary St. Michael Elementary Westmount Elementary William Grayson Elementary Moose Jaw District Office

## Regina Dental Region (continued)

Location	School	Location	School
Mortlach .....	Mortlach School		St. Jerome Separate Elementary
Mossbank .....	Mossbank Health Clinic		St. Joan of Arc Separate Elementary
Odessa .....	Odessa School		St. John Separate Elementary
Ogema .....	Ogema School		St. Josaphat Separate Elementary
Pangman .....	Pangman Elementary		St. Leo Separate Elementary
Pilot Butte .....	Pilot Butte Elementary		St. Luke Separate Elementary
Punnichy .....	Punnichy Elementary		St. Mary Separate Elementary
	Punnichy High		St. Matthew's Separate Elementary
Quinton .....	Quinton Elementary		St. Patrick Separate Elementary
Radville .....	Radville Elementary		St. Peter Separate Elementary
	St. Olivers Elementary		St. Philip Separate Elementary
Raymore .....	Raymore School		St. Pius X Separate Elementary
Regina .....	Albert Elementary		St. Timothy Separate Elementary
	Argyle Elementary		Sherwood Elementary
	Athabasca Elementary		Transcona Elementary
	Benson Elementary		Walker Elementary
	Birchwood Elementary		Wilfrid Walker Elementary
	Judge Bryant Elementary		Wascana Elementary
	Centennial Elementary		Wascana Institute
	M. J. Coldwell Elementary		Maranatha Christian Centre
	Coronation Park Elementary		Campbell Collegiate
	R. J. Davidson Elementary		Robert Usher Collegiate
	Deshaye Separate Elementary		Wascana Hospital
	Dieppe Elementary	Rockglen .....	Rockglen Elementary
	Elsie Dorsey Elementary	Rouleau .....	Rouleau Elementary
	Dover Elementary	Sedley .....	Sedley Elementary
	W. H. Ford Elementary	Semans .....	Semans Elementary
	Grant Road Elementary	Sintaluta .....	Sintaluta Elementary
	Dr. Hanna Elementary	Southey .....	Southey School
	W. C. Howe Elementary	Spring Valley .....	Artesian School
	Wilfred Hunt Elementary	Strasbourg .....	Strasbourg Elementary
	Henry Janzen Elementary	Vibank .....	Vibank Elementary
	Kitchener Elementary	Weyburn .....	Elgin Elementary
	George Lee Elementary		Haig Elementary
	McLurg Elementary		Queen Elizabeth Elementary
	McNabb Elementary		St. Dominic Savio Elementary
	Marion McVeety Elementary		Souris School
	Ethel Milliken Elementary		Weyburn Jr. High
	Ruth Pawson Elementary	White City .....	White City School
	Dr. A. E. Perry Elementary	Wilcox .....	Notre Dame School
	Al Picard School	Willow Bunch .....	Willow Bunch Elementary
	Regent Park Elementary	Windthorst .....	Windthorst School
	Rosemont Elementary	Wolseley .....	Dr. Isman Elementary
	St. Anne Elementary	Wood Mountain .....	Wood Mountain School
	St. Augustine Separate Elementary	Yellow Grass .....	Yellow Grass Elementary
	St. Bernadette Separate Elementary	Total Clinics for 1983-84 .....	153
	St. Dominic Savio Elementary		
	St. Francis Separate Elementary		
	St. Gregory Separate Elementary		
	St. James Separate Elementary		

## Saskatoon Dental Region

Location	School	Location	School
Aberdeen .....	Aberdeen Elementary		Christian Academy Elementary
Allan .....	Allan School		College Park Elementary
Annaheim .....	Annaheim School		Confederation Park Elementary
Asquith .....	Asquith School		Fairhaven Elementary
Beechy .....	Beechy School		Father Vachon Elementary
Bellevue .....	St. Isidore de Bellevue		French School
Borden .....	Borden School		George Vanier Elementary
Bruno .....	Bruno School		Greystone Heights Elementary
Carmel .....	Carmel School		Grosvenor Park Elementary
Clavet .....	Clavet School		Haultain Elementary
Colonsay .....	Colonsay School		Henry Kelsey Elementary
Conquest .....	Conquest School		Holliston Elementary
Craik .....	Craik School		Holy Family Elementary
Cudworth .....	Cudworth School		Howard Coad Elementary
Dalmeny .....	Dalmeny School		Hugh Cairns Elementary
Davidson .....	Davidson School		John Lake Elementary
Delisle .....	Delisle Elementary		King George Elementary
Domremy .....	Domremy School		Lakeview Elementary
Duck Lake .....	Beardy's Day School		Lawson Heights Elementary
	Stobart Elementary		L'Ecole Canadienne Francaise
Dundurn .....	Dundurn Elementary		Lester B. Pearson Elementary
	Hillcrest Hutterite School		Mayfair Elementary
Elbow .....	Elbow Elementary		McNab Park Elementary
Englefeld .....	Englefeld School		Montgomery Elementary
Guernsey .....	J. Eldon Bergey Elementary		Native Survival School
Hague .....	Prince Philip Elementary		North Park Elementary
Hanley .....	Hanley School		Pleasant Hill Elementary
Hepburn .....	Hepburn School		Prince Philip Elementary
Holdfast .....	Holdfast School		Princess Alexandra Elementary
Humboldt .....	Humboldt Elementary		Queen Elizabeth Elementary
	St. Augustine Elementary		River Heights Elementary
	St. Dominic Elementary		Roland Michener Elementary
Imperial .....	Imperial School		St. Anne Elementary
Kenaston .....	Kenaston School		St. Augustine Elementary
Laird .....	Laird Elementary		St. Bernard Elementary
Lake Lenore .....	Lake Lenore School		St. Dominic Elementary
Langham .....	Langham Elementary		St. Edward Elementary
	Langham High		St. Frances Elementary
Lanigan .....	Lanigan Elementary		St. George Elementary
Leroy .....	Leroy Medical Health Centre		St. Gerard Elementary
Lucky Lake .....	Lucky Lake School		St. Goretti Elementary
Martensville .....	Martensville Elementary		St. James Elementary
	Martensville High School		St. John's Elementary
Middle Lake .....	Middle Lake School		St. Mark's Elementary
Muenster .....	Muenster School		St. Mary's Elementary
Nokomis .....	Nokomis School		St. Matthew Elementary
Osler .....	R. J. Davidson Elementary		St. Michael Elementary
Outlook .....	Outlook Elementary		St. Paul's Elementary
Perdue .....	Perdue School		St. Philip Elementary
Pilger .....	Pilger School		St. Thomas Elementary
Prud'Homme .....	Prud'Homme School		School for the Deaf
Radisson .....	Radisson School		Silverwood Elementary
Rosthern .....	Rosthern Elementary		Sister O'Brien Elementary
Saskatoon .....	Alvin Buckwold Elementary		South Corman Park Elementary
	Bishop Klein Elementary		Sutherland Elementary
	Bishop Pocock Elementary		Thornton Elementary
	Bishop Roborecki Elementary		Victoria Elementary
	Brevoort Park Elementary		Vincent Massey Elementary
	Buena Vista Elementary		Westmount Elementary
	Cardinal Leger Elementary		
	Caroline Robins Elementary		
	Caswell Elementary		

## Saskatoon Dental Region (continued)

Location	School	Location	School
	Wildwood Elementary	Vonda .....	Vonda Elementary
	Wilson Elementary	Wakaw .....	Wakaw School
	W. P. Bates Elementary	Waldheim .....	Waldheim School
St. Benedict .....	St. Benedict School	Warman .....	Warman Elementary
St. Brieux .....	St. Brieux School		Warman High
St. Louis .....	St. Louis School	Watrous .....	Watrous Elementary
Spalding .....	Spalding School	Watson .....	Watson Elementary
Strongfield .....	Strongfield Elementary		Watson High
Vanscoy .....	Vanscoy Elementary	Young .....	McClellan School
Viscount .....	Viscount Elementary	Total Clinics for 1983-84 .....	140

## Yorkton Dental Region

Location	School	Location	School
Alida .....	Alida School	MacNutt .....	MacNutt School
Archerwill .....	Archerwill School	Macoun .....	Macoun School
Arcola .....	Arcola School	Manor .....	Manor School
Arran .....	Arran School	Maryfield .....	Maryfield School
Bellegarde .....	Bellegarde School	Margo .....	Margo School
Bienfait .....	Bienfait School	Melville .....	Melville Comprehensive
Bredenbury .....	Bredenbury School		Miller Elementary
Broadview .....	M. B. Cope Elementary		St. Henry's Elementary
Buchanan .....	Buchanan School	Moosomin .....	Churchill School
Canora .....	Canora Junior Elementary	Neudorf .....	Neudorf Elementary
	Canora Senior Elementary	Norquay .....	Norquay Elementary
Carnduff .....	Carnduff Elementary		Norquay High
Carlyle .....	Carlyle School	Oxbow .....	Mobile Unit
Churchbridge .....	Churchbridge Elementary	Preeceville .....	Preeceville School
Corning .....	Corning School	Quill Lake .....	Quill Lake Elementary
Dubuc .....	Dubuc Elementary		Quill Lake High School
Ebenezer .....	Ebenezer Elementary	Rama .....	Rama School
Esterhazy .....	P. J. Gillian School	Redvers .....	Redvers School
	Esterhazy Central	Rocanville .....	Rocanville School
Estevan .....	Hillcrest Elementary	Rose Valley .....	Rose Valley School
	Hillside Elementary	Saltcoats .....	Saltcoats Elementary
	Immaculate Heart Junior High	Sheho .....	Sheho School
	Pleasantdale Elementary	Springside .....	Springside Elementary
	Sacred Heart School	Stockholm .....	Stockholm School
	St. Mary's School	Storthoaks .....	St. Thomas School
	Scotsburn School	Stoughton .....	Stoughton School
	Westview School	Sturgis .....	Sturgis Elementary
Endeavour .....	Endeavour Elementary		Sturgis Composite High
Foam Lake .....	Foam Lake Elementary	Theodore .....	Theodore School
	Foam Lake Composite High	Torquay .....	Torquay School
Frobisher .....	Frobisher Elementary	Wadena .....	Wadena Elementary
Gainsborough .....	Gainsborough School		Wadena Composite High
Grayson .....	Grayson School	Wapella .....	Wapella School
Grenfell .....	Grenfell Elementary	Wawota .....	Wawota School
Invermay .....	Invermay Elementary	Whitewood .....	Whitewood School
Ituna .....	Ituna School	Willowbrook .....	Willowbrook Elementary
Kamsack .....	Victoria Elementary	Wishart .....	Wishart School
	Kamsack Jr. High	Wynyard .....	Wynyard Elementary
Kelvington .....	Robert Melrose Elementary		Wynyard Composite High
Killaly .....	Killaly School	Yorkton .....	Angus Spice Elementary
Kipling .....	Kipling School		Columbia Elementary
Lampman .....	Lampman School		Dr. Brass Elementary
Langenburg .....	Hoffman Elementary		St. Alphonsus Elementary
	Parkside Elementary		St. Mary's Elementary
Lemberg .....	Lemberg School		St. Paul's Elementary
Lintlaw .....	Lintlaw Okla School		Simpson Elementary
		Total Clinics 1983-84 .....	92

## Prince Albert Dental Region

Location	School
Albertville .....	Albertville Elementary
Arborefield .....	Arborefield School
Big River .....	T. D. Michel Elementary
Birch Hills .....	Birch Hills Elementary
Bjorkdale .....	Bjorkdale School
Canwood .....	Canwood Elementary
Carragana .....	Carragana Elementary
Carrot River .....	Carrot River Elementary
Christopher Lake .....	Christopher Lake School
Codette .....	Codette Elementary
Crystal Springs .....	Dixon Lake School
Davis .....	Osborne Elementary
Debden .....	Debden School
Garrick .....	Garrick Elementary
Gronlid .....	Gronlid School
Hudson Bay .....	Blake Beattie Elementary Stewart Hawke Elementary
Kinistino .....	Kinistino Elementary
MacDowall .....	MacDowell Elementary
Meath Park .....	Meath Park School
Melfort .....	Brunswick Elementary Burke Elementary Melfort and Unit Comprehensive Collegiate Reynolds Central Elementary
Mistatim .....	Mistatim School
Naicam .....	Naicam School
Nipawin .....	Alex Wright Elementary L. P. Miller Comprehensive School Wagner Elementary
Paddockwood .....	Paddockwood Elementary

Location	School
Pleasantdale .....	Pleasantdale School
Porcupine Plain .....	Porcupine Plain Elementary
Prairie River .....	Prairie River Elementary
Prince Albert .....	Boucher Junior High W. J. Berezowsky Elementary John Diefenbaker Elementary King George Elementary Queen Mary School St. Marks Elementary Vickers Elementary Wesmor Junior High
Prince Albert Rural .....	Prince Albert East Central Elementary Prince Albert West Central Elementary Red Wing Elementary
Ridgedale .....	Ridgedale School
Shellbrook .....	Shellbrook Elementary Shellbrook Primary
Shell Lake .....	Shell Lake School
Smeaton .....	Smeaton School
Spruce Home .....	Spruce Home Central Elementary
Star City .....	Star City School
Tisdale .....	Centennial Junior High Tisdale Elementary
Weekes .....	Weekes School
Weldon .....	Weldon School
White Fox .....	White Fox School
Wild Rose .....	Wild Rose Central Elementary
Yellow Creek .....	Yellow Creek School
Zenon Park .....	Zenon Park School
Total Clinics for 1983-84 .....	59

## North Battleford Dental Region

Location	School
Alsask .....	John A. Silver DND School
Battleford .....	Battleford Central School Battleford Junior High St. Vital Elementary
Biggar .....	Nova Wood Elementary
Blaine Lake .....	Blaine Lake Composite
Cando .....	Cando School
Cochin .....	Cochin Elementary
Cut Knife .....	Cut Knife Elementary
Denzil .....	Denzil Elementary
Doddsland .....	Doddsland Elementary
Dorintosh .....	Dorintosh Elementary
Eatonia .....	Eaton School
Edam .....	H. Hardcastle School
Glaslyn .....	Glaslyn School
Goodsoil .....	Goodsoil Central School
Hafford .....	Hafford School

Location	School
Harris .....	Harris-Tessier School
Hillmond .....	Hillmond Central School
Kerrobert .....	Mary Rodney Elementary
Kindersley .....	Kindersley School Unit Office
Landis .....	Landis School
Lashburn .....	J. H. Moore Elementary
Leask .....	Leask School
Leoville .....	Leoville School
Livelong .....	Livelong Elementary
Lloydminster .....	E. S. Laird School
Lone Rock .....	Lone Rock Elementary Father Gorman Elementary Neville Goss Elementary Winston Churchill Elementary
Loon Lake .....	Ernie Studer School
Luseland .....	W. S. Patterson Elementary
Macklin .....	Macklin Elementary

## North Battleford Dental Region (continued)

Location	School	Location	School
Maidstone .....	Ratuszniak Elementary	Paradise Hill .....	Paradise Hill Elementary
Makwa .....	Makwa School	Paynton .....	Paynton School
Marcelin .....	Marcelin School	Pierceland .....	Pierceland School
Marengo .....	Westcliffe School	Plenty .....	North-West Central High
Marsden .....	Marsden Elementary	Rabbit Lake .....	Rabbit Lake Elementary
Marshall .....	Marshall Elementary	Rosetown .....	Rosetown Division III
Mayfair .....	Mayfair School		Walter Aseltine Elementary
Maymont .....	Maymont Central School	St. Walburg .....	St. Walburg Public High
Meadow Lake .....	Jubilee Elementary	Sonningdale .....	Sonningdale School
	Lakeview Elementary	Spiritwood .....	Hartley Clark Elementary
Medstead .....	Medstead School	Tramping Lake .....	Tramping Lake School
Milden .....	Milden Central School	Turtleford .....	Turtleford School
North Battleford .....	Alexander Junior High School	Unity .....	St. Peter's Elementary
	Bready Elementary		Unity Elementary
	Lawrence Elementary	Wilkie .....	Norman Carter Elementary
	McKitrick Elementary		St. George Separate School
	Notre Dame Elementary	Total Clinics for 1983-84 .....	66
		Total Number of Clinics — All Regions .....	549



## Appendix 2

### Supplementary Health Benefits

#### Dental Program

The cost of services provided by private dental practitioners to persons covered by the Supplementary Health Benefits program for social assistance recipients is administered by the Dental Plan.

The following table outlines the costs and types of dental services provided by private practitioners to individuals covered by this program in 1983-1984.

Service	Sept. 1/83-Aug. 31/84	
	Number of Services	Cost
<b>Dentist Services:</b>		
Examination — standard .....	8,713	\$ 125,760.35
Examination — prosthodontic .....	243	2,399.55
Periapical x-ray — one film .....	2,293	22,967.00
Periapical x-ray — two films .....	1,411	18,892.90
Periapical x-ray — three films .....	531	9,996.55
Periapical x-ray — four films .....	491	11,698.80
Periapical x-ray — five or more .....	310	10,030.05
Occlusal x-ray — one film .....	40	587.10
Bitewing x-ray — one film .....	92	929.35
Bitewing x-ray — two films .....	3,752	51,474.45
Study model .....	31	542.50
Prophylaxis — child under 5 .....	162	2,839.25
Scaling and polishing — patient 17 or over .....	5,249	182,343.28
Topical fluoride — child under 5 .....	126	1,106.10
Toothbrush instruction — child under 5 .....	48	561.35
Caries control .....	389	2,811.90
Fixed unilateral space maintainer .....	11	818.70
Fixed unilateral space maintainer — Gerber .....	1	47.85
Amalgam filling — primary one surface .....	430	6,549.00
Amalgam filling — primary two surface .....	312	7,472.65
Amalgam filling — primary three or more .....	96	2,730.90
Amalgam filling — permanent one surface .....	5,832	106,125.65
Amalgam filling — permanent two surface .....	5,971	168,417.85
Amalgam filling — permanent three or more .....	3,602	147,770.05
Restoration of cusps .....	440	4,076.10
Pins for restorations .....	685	4,655.85
Additional pins .....	291	894.40
Silicate fillings — class V .....	101	1,779.85
Silicate fillings — class III .....	65	1,244.75
Silicate fillings — maximum any one tooth .....	22	760.95
Composite resin restoration — class V .....	1,466	28,427.20
Composite resin restoration — class III .....	2,752	52,719.85
Composite resin restoration — class IV .....	1,123	41,768.70
Composite resin restoration — double class IV .....	382	21,621.35
Acrylic crowns .....	191	37,548.75
Stainless steel crowns — primary tooth .....	166	6,164.00
Stainless steel crowns — permanent tooth .....	97	4,107.25
Recement crown .....	53	1,045.25
Preformed metal post and core .....	145	5,437.50
Pulpotomy — permanent anterior .....	23	965.10
Pulpotomy — permanent posterior .....	106	3,822.25
Pulpotomy — primary .....	162	3,783.90
Root canal .....	392	65,972.14
Trephination .....	67	648.85
Repositioning of traumatically displaced teeth .....	4	226.45



## Appendix 2 (continued)

Service	Sept. 1/83-Aug. 31/84	
	Number of Services	Cost
<b>Dentist Services: (continued)</b>		
Desensitization.....	61	1,041.65
Periodontal surgery.....	45	3,119.63
Occlusal adjustment.....	36	823.15
Complete upper denture.....	866	139,675.20
Complete lower denture.....	498	80,691.90
Partial denture without clasps.....	62	6,456.05
Partial upper with clasps.....	108	10,923.70
Partial lower with clasps.....	62	6,289.75
Cast partial — upper.....	271	41,657.43
Cast partial — lower.....	209	32,382.90
Repair upper denture — no impression.....	198	5,269.10
Repair lower denture — no impression.....	61	1,681.30
Repair upper denture — with impression.....	200	9,166.20
Repair lower denture — with impression.....	73	3,354.20
Add tooth to denture.....	402	3,129.15
Reline, self-curing — upper.....	44	2,429.40
Reline, self-curing — lower.....	36	1,986.95
Reline, processed — upper.....	284	16,546.25
Reline, processed — lower.....	216	12,565.80
Rebase — upper.....	17	984.90
Rebase — lower.....	7	406.50
Denture adjustment.....	31	412.30
Tissue conditioning.....	92	1,147.23
Bridge repair — replace facing.....	6	215.60
Bridge repair — recement facing.....	2	29.80
Recement bridge.....	21	409.35
Tooth extraction.....	7,164	150,039.47
Each additional extraction.....	7,108	74,748.30
Oral surgery.....	465	23,837.91
Minor orthodontia.....	44	463.20
Recement fixed appliance.....	2	41.00
Removable acrylic appliance.....	23	2,215.95
Fixed appliance.....	1	116.90
Emergency palliative care.....	592	8,612.65
Non-specialist hourly fee.....	49	1,368.75
Hospital visit.....	228	4,926.80
Additional hospital visit.....	23	274.45
Emergency call back.....	71	1,466.00
<b>Specialist Dental Services:</b>		
Initial examination — oral surgery.....	253	6,025.55
Panoramic radiograph.....	104	2,633.80
Removal of tooth — uncomplicated.....	230	6,376.00
Removal of tooth — uncomplicated, each additional.....	711	13,135.60
Complicated surgery involving flap.....	44	2,304.40
Soft tissue impaction.....	42	2,750.40
Unerupted impaction.....	93	7,827.85
Unerupted impaction — unusual position.....	78	8,721.70
Root removal — soft tissue coverage.....	14	772.60
Hospital visits.....	18	407.90
Specialist hourly fee.....	134	10,468.35
Major orthodontia — initial examination.....	224	3,888.00
Major orthodontia — analysis and consultation.....	115	11,875.65
Major orthodontia — initial fee.....	78	26,275.02
Major orthodontia — monthly maintenance.....	1,298	78,229.35
Major orthodontia — retainer fee.....	35	4,909.05
Major orthodontia — retainer check visits.....	48	790.89
Major orthodontia — final models.....	4	129.70

## Appendix 2 (continued)

Service	Sept. 1/83-Aug. 31/84	
	Number of Services	Cost
<b>Denturist Services:</b>		
Complete upper denture . . . . .	401	86,970.00
Complete lower denture . . . . .	280	60,796.00
Partial denture without clasps . . . . .	4	336.30
Partial acrylic denture — one to two teeth . . . . .	4	674.85
Partial acrylic denture — three to five teeth . . . . .	5	897.80
Partial acrylic denture — six or more teeth . . . . .	15	2,880.60
Extra clasps . . . . .	14	153.65
Partial cast denture — one to two teeth . . . . .	5	1,016.60
Partial cast denture — three to five teeth . . . . .	22	5,178.55
Partial cast denture — six or more teeth . . . . .	46	12,044.50
Repair denture — no impression . . . . .	97	2,018.35
Repair denture — with impression . . . . .	99	3,508.15
Add tooth to denture . . . . .	94	595.70
Reline denture — self-curing — upper . . . . .	6	244.50
Reline denture — self-curing — lower . . . . .	7	203.75
Reline denture — processed — upper . . . . .	81	5,358.30
Reline denture — processed — lower . . . . .	63	4,062.50
Rebase — upper . . . . .	13	1,128.95
Rebase — lower . . . . .	14	1,137.85
Denture identification . . . . .	624	4,100.75
<b>Dental Laboratory Services:</b>		
Complete upper or lower denture . . . . .	1,018	98,143.13
Immediate denture . . . . .	347	36,774.80
Partial acrylic denture — 1 to 2 teeth . . . . .	51	3,112.80
Partial acrylic denture — 3 to 5 teeth . . . . .	91	6,749.10
Partial acrylic denture — 6 or more teeth . . . . .	86	7,655.20
Extra clasp — single . . . . .	8	70.80
Extra clasp — double . . . . .	4	43.65
Extra clasp — double with rest . . . . .	9	129.55
Upper partial cast denture — 1 to 2 teeth . . . . .	35	4,446.75
Upper partial cast denture — 3 to 5 teeth . . . . .	113	15,374.00
Upper partial cast denture — 6 or more teeth . . . . .	108	15,412.51
Lower partial cast denture — 1 to 2 teeth . . . . .	3	369.55
Lower partial cast denture — 3 to 5 teeth . . . . .	90	11,797.85
Lower partial cast denture — 6 or more teeth . . . . .	115	15,868.27
Duplicate model requiring impression . . . . .	204	1,271.50
Model . . . . .	2,208	8,259.78
Tray . . . . .	812	8,140.15
Biteblock . . . . .	1,184	9,032.70
Denture identification . . . . .	1,377	8,981.93
Processed relined of denture . . . . .	496	19,457.70
Rebase . . . . .	28	1,288.15
<b>Other Miscellaneous Services:</b>		
Other services . . . . .	167	3,133.74
<b>Total All Services and Costs</b> . . . . .	<b>82,518</b>	<b>\$2,479,793.41</b>
Number Seen One or More Times . . . . .	12,407	