



Government of
Saskatchewan

Annual Report 1978-79

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**Saskatchewan Health
Dental
Plan
Report
Fifth Year of Operation
September 1, 1978 to
August 31, 1979**

Department of Health

To the Honourable C. I. McIntosh,
Lieutenant Governor of Saskatchewan.

May it please Your Honour:

I beg to present herewith for your consideration the
Report of the Dental Plan for the year ending August
31, 1979.

Respectfully submitted,

H. H. Rolfes,
Minister of Health.

Department of Health

To the Honourable H. H. Rolfes,
Minister of Health.

Sir:

I have the honour to present herewith the Report of
the Dental Plan for the year ending August 31, 1979.

Respectfully submitted,

K. Fyke,
Deputy Minister.

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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 nurses, three dental assistants and one receptionist-recorder.

The dental nurses were formally trained to provide educational, preventive and treatment services to children, including deciduous tooth extractions and amalgam and composite restorations in deciduous and permanent teeth. The three dental assistants were formally trained to provide chairside assistance, simple prophylaxis and application of anticariogenic agents.

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 nurses. It was important to establish that a dental program making use of dental nurses 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 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 and children have been enrolled as follows:

Enrollment date	Date of birth
September 1974	1968
September 1975	1969, 1970
September 1976	1967, 1971
September 1977	1972
February 1978	1973
September 1978	1974, 1966

In May, 1978 the Government of Saskatchewan announced that the Dental Plan would be expanded to provide dental care to children between the ages of three and fourteen. These additional age groups will be integrated into the program in subsequent years.

All children enrolled in the program are first examined by a fully qualified dentist who prescribes necessary treatment and decides how often a child should be examined. Dental nurses supported by dental assistants provide most of the dental services under the supervision of the dentist. Services provided by the program which are beyond the scope of the dental nurse are provided by the dentist.

In 1976 a study was conducted to evaluate the quality of care provided by the Saskatchewan Dental Nurse. In February of that year three dentists from outside the province — one specialist in children's dentistry and two specialists in restorative dentistry — surveyed 410 children in grades Kindergarten to Grade Two. A total of 2,107 amalgam restorations and 97 stainless steel crowns were assessed. Later analysis of these fillings showed that 1,503 fillings were placed by the Saskatchewan Dental Nurses and 604 by dentists. Overall, the restorations were rated as follows:

	<i>Dentist</i>	<i>Dental nurse</i>
Unacceptable	21.1%	3.7%
Adequate	62.4%	48.6%
Superior	16.5%	47.7%

Quality assessment of stainless steel crowns showed that the Saskatchewan Dental Nurses and dentists performed to the same standard. In conclusion, the study stated that after two years it appeared that the Saskatchewan Dental Nurse was providing basic restorative treatment at a high level of coverage and quality.

With the co-operation 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. More clinics will be added as the program expands. In cases where space for clinics is not available in schools, portable dental equipment can be set up temporarily in the school or a mobile dental clinic can be used. Occasionally, children are transported from a school with no clinic to a nearby school that is equipped with a clinic.

Organization and administration

Legislative and regulatory authority

In 1973 *The Saskatchewan Dental Nurses Act* was passed. This act created a Saskatchewan Dental Nurses Board to establish and maintain rules for the 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 that the regulations and standards of professional conduct are met by all registrants. The first Board was appointed on September 25, 1973 and held three meetings during the year to develop regulations concerning the registration and licensing of dental nurses and to define the scope of dental nursing services. The Board now meets at the call of the Chairman to approve the registration of dental nurses and to rule on standards and questions referred to the Board.

In the following year, *The Dental Care Act, 1974* was passed. This Act gives the Department of Health broad authority to operate a children's dental care program. The act authorizes the Minister of Health to enter into agreements with or to employ dentists, dental nurses and certified dental assistants and to do whatever else is necessary for the establishment and operation of the dental care program.

Administrative structure

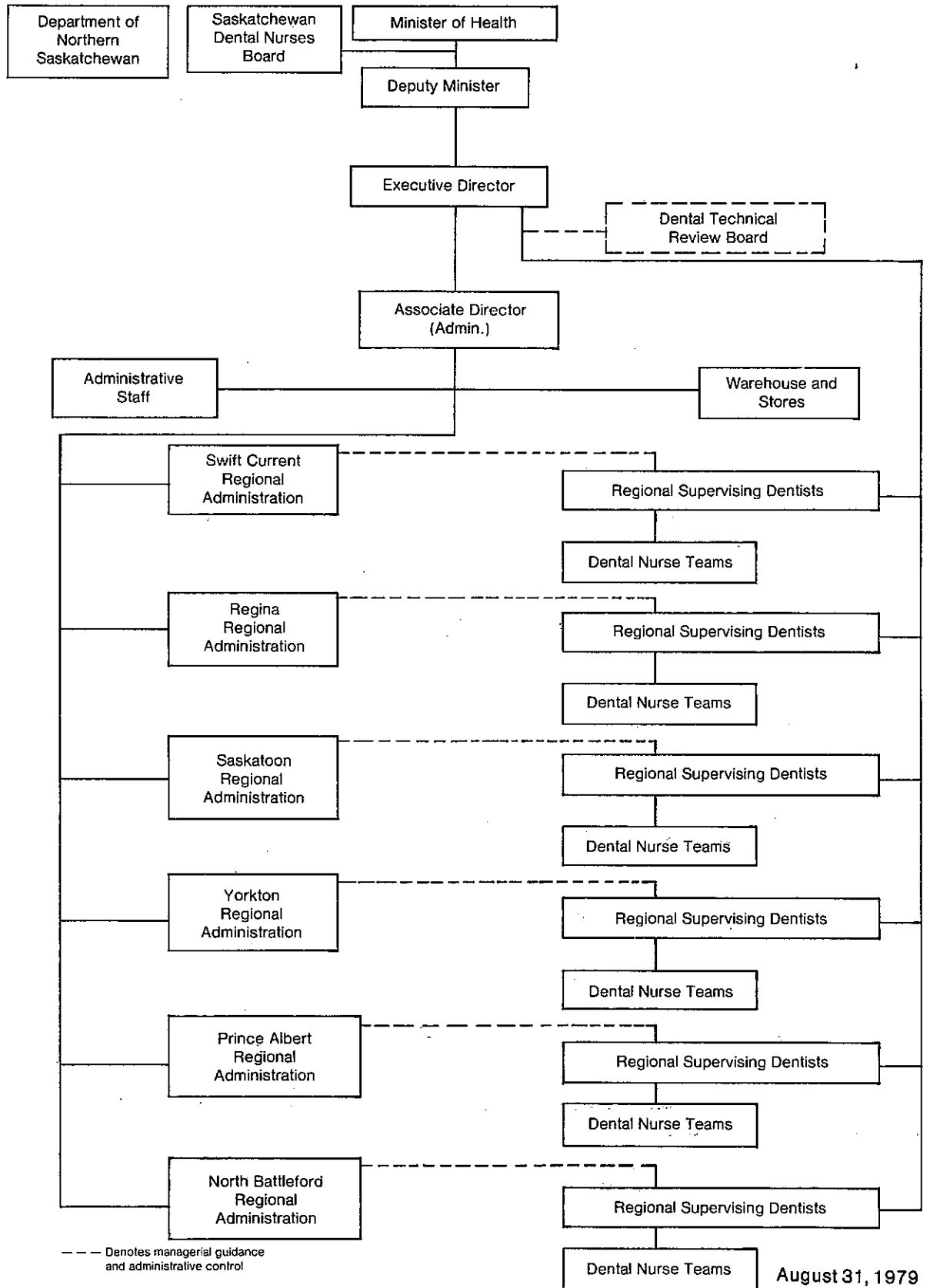
The administrative organization is outlined in the organizational chart on page 7. The Saskatchewan Dental Plan is administered through a central headquarters staff consisting of an Executive Director, an Associate Director, administrative staff and warehouse and stores personnel. The province is divided into six administrative regions. Regional Headquarters are located in Swift Current, Regina, Yorkton, Saskatoon, Prince Albert and North Battleford.¹ The Saskatchewan Dental Plan does not provide coverage to children in the northern part of the province. The Department of Northern Saskatchewan operates its own dental plan for children in this area, but receives consultation services and advice from the Saskatchewan Dental Plan.

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

¹ The six Dental Plan administrative regions and headquarter locations are shown on the map on page 8.

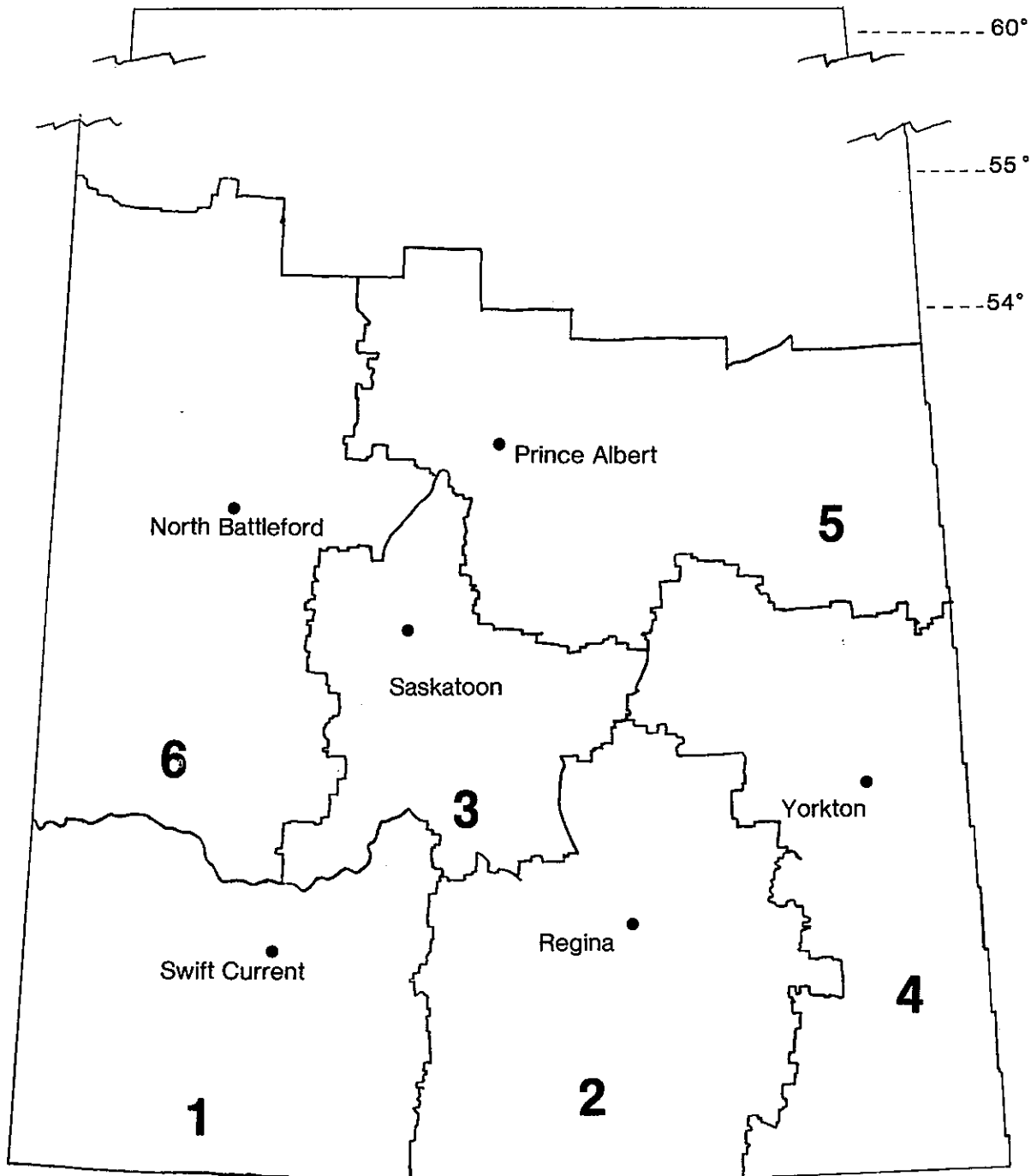
Dental Plan administrative organization

Figure 1



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, 1979

Profile of Dental Plan personnel

Clinical personnel

1. Supervising dentist

The supervising dentist performs a variety of duties in close co-operation with approximately 10 dental nursing teams assigned to each area. The dentist spends a great deal of time examining and formulating treatment plans for enrolled children and carries out services which are beyond the scope of the dental nurse. 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 constantly monitors the quality and quantity of work being performed by the teams and sees that priorities and schedules are being arranged and met.

The dentist meets constantly with parents, superintendents, principals, teachers and local officials and thus 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 nurse

The Saskatchewan Dental Nurse is a graduate of a two-year Dental Nursing Program and is trained to deal with children in both clinical and classroom situations.

The dental nurse provides diet and oral hygiene instruction to children and parents, cleans and polishes teeth, applies topical fluorides and takes radiographs. The dental nurse restores primary and permanent teeth with silver amalgam, composite resins and stainless steel crowns as well as performing pulpotomies and placing space maintainers. The dental nurse also extracts primary teeth.

3. Certified dental assistant

The certified dental assistant, who is a graduate of a one-year course, plays a dual role within the dental team. She performs many chairside duties for the nurse, such as instrument transfer, suctioning, retraction, preparation of restorative materials and sterilization; she also takes radiographs, cleans and polishes teeth, applies topical fluoride and provides oral hygiene instruction.

With the long-term benefits of preventive dentistry in mind, dental teams also provide classroom instruction to children in age groups not yet enrolled in the Saskatchewan Dental Plan. The educational sessions vary greatly, depending on the age of the children in the class. Puppet shows are often staged for the young children, while the older children

receive classroom talks with question-and-answer periods. The instructional sessions stress the cause of dental disease, diet, professional preventive measures and, most important, daily home care. Sessions may be followed by active participation in tooth brushing.

Non-clinical personnel

1. Regional administrator

The regional administrator maintains records on personnel, equipment, materials, supplies and services. He works in close co-operation with supervising dentists in assigning service areas for dental nurse teams.

He is responsible for identifying locations for dental clinics, monitoring program progress, identifying operational problems and initiating corrective action. He shares with the supervising dentists, responsibility for public relations in the area and deals with specific difficulties affecting parents, staff and members of the public.

2. Equipment technician

The equipment technician is a graduate of a one-year course in instrument technology. He installs dental equipment in new clinics including the X-ray machines. He repairs and maintains all dental equipment both in the clinic and in the repair shop.

Preventive maintenance is practiced by all staff under the supervision 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 which involves considerable travel.

Staff employed

As of June 30, 1979 the Dental Plan employed the following number of staff in permanent and temporary positions. Figures for June 30, 1978 are given for comparison.

	1978	1979
Total	308	377
Dentist.....	14	16
Dental Nurses.....	137	169
Dental Assistants.....	148	183
Dental Hygienists.....	2	2
Equipment Technicians.....	7	7

Attrition among permanent and temporary dental nurse positions from September 1, 1978 to August 31, 1979 was as follows:

Dental Nurses

	On Staff	Hired	Re-signed	Total
September 1, 1977				
to:				
August 31, 1978	143	53	18	178
September, 1978	178	4	3	179
October	179	1	—	180
November	180	2	3	179
December	179	—	1	178
January, 1979	178	2	2	178
February	178	—	1	177
March	177	1	1	177
April	177	1	4	174
May	174	3	6	171
June	171	—	2	169
July	169	—	9	160
August	160	—	1	159

Thirty three dental nurses resigned from the Dental Plan between September 1, 1978 and August 31, 1979. Twelve of these dental nurses were hired as temporary staff, therefore twenty one permanent dental nurses resigned during the year. This is an attrition rate of 12.8%.

Training of dental nurses in Saskatchewan

In September, 1972, a two-year Dental Nursing Program was established at the Wascana Institute of Applied Arts and Sciences in Regina. The two-year program prepares the students to provide dental care to pre-school and school-age children through the Saskatchewan Dental Plan. Great emphasis is placed on prevention of dental disease, but in addition, the dental nurses are fully trained in basic clinical restorative dentistry for children and are able to provide most of their dental needs. The training program consists of co-ordinated classroom and clinical experience. Total scheduled time exceeds 2,300 hours in the two years of the program.

Organization of delivery

Dental facilities

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

As of August 31, 1979 there were 456 permanent clinics located in elementary schools throughout Saskatchewan. (Appendix 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. All the clinics 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 area. 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, autoclave, amalgamator, x-ray machine and portable lead shielding. All hand instruments are carried from clinic to clinic by the dental teams. For this purpose, a large metal instrument and supply case is furnished.

Portable equipment in temporary space is used to provide dental services in small village schools without clinics. Temporary clinics have also been established in those few larger schools in which permanent clinic space is not presently available.

Patient care

The bulk of patient care in the Dental Plan is provided in elementary schools using a team approach. Each team consists of a dental nurse and a certified dental assistant. Associated with each dental nursing team is a supervising dentist who works in close conjunction with about ten 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 time table 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 nurse team explains the operation of the 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 nurse 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 nurse 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. All 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 nurse and comfort and protection for the patient.

Continuing education

Dental regions hold staff meetings every 6 to 8 weeks. These meetings last one full day and normally a portion of the day is set aside for a review of certain clinical procedures or to review aspects of oral diagnosis, radiographic techniques or techniques in the effective use of chairside dental assistants. Regions often bring in local persons from outside the Dental Plan to put on a continuing education course. For example, they might use a speech therapist or public health nurse from the Department of Health, a

professor from the University of Saskatchewan or the University of Regina, or an instructor from a local community college.

Staff are encouraged to maintain their skills in cardio-pulmonary resuscitation (CPR). This year a course was organized in conjunction with the Saskatchewan Heart Foundation to train dental nurses from each region as cardio-pulmonary resuscitation instructors. These instructors returned and ran courses for dental assistants, dental nurses and dentists in each of the regions. A course on fractured anterior teeth was given to all employed dental nurses in the province. Also, a seminar on management of dental programs was arranged for Dental Plan dentists. During the 1978-79 program year some Dental Plan staff attended courses on the following topics:

- Endodontics (root canal treatment)
- Nutrition
- Control of stress
- Child Management

Dental health education

The Saskatchewan Dental Plan staff are actively involved in community dental health education. Classroom visits and individual sessions are the main methods used to educate and motivate children in dental health practices.

When possible, Dental Plan staff participate in community and school association meetings, career days, open house activities in elementary schools and health fairs. Many shopping mall displays were manned this year by Plan staff. The displays were designed to make current dental health information available to the general population.

A special effort is made during Dental Health Month to promote oral health through television, radio and newspaper interviews. A province-wide toothbrush swap was the main feature of this year's Dental Health Month campaign. Saskatchewan Dental Plan staff took an active role promoting this event and many others throughout the province.

Dental Plan staff also stress the importance of fluoridation of community water supplies as a practical and effective health measure for safely and economically reducing the incidence of dental decay. Another effective measure receiving consideration and research this year is the initiation of fluoride mouthrinse programs throughout the Saskatchewan elementary school system.

Table 1**Enrollment of Eligible Children
(excluding Registered Indians)****as at August 31, 1979**

Age Group	Number Eligible	Number Enrolled	Percent Enrolled	Number Refused	Percent Refused	Number No Response	Percent No Response
Total ¹	128,852	106,525	82.7	12,518	9.7	9,809	7.6
Born 1966	15,112	10,842	71.7	2,023	13.4	2,247	14.9
Born 1967	14,431	11,439	79.3	1,808	12.5	1,184	8.2
Born 1968	14,197	12,329	86.8	1,163	8.2	705	5.0
Born 1969	14,486	12,321	85.0	1,416	9.8	749	5.2
Born 1970	14,310	12,295	85.9	1,267	8.9	748	5.2
Born 1971	14,268	12,148	85.2	1,347	9.4	773	5.4
Born 1972	14,116	12,018	85.2	1,273	9.0	825	5.8
Born 1973	13,851	11,701	84.4	1,144	8.3	1,006	7.3
Born 1974	14,048	11,399	81.1	1,077	7.7	1,572	11.2
Other ²	33	33	100.0	—	—	—	—

1. Enrollment figures for Registered Indians are reported separately. Because of a number of circumstances peculiar to that group of children, their participation in the Dental Plan is markedly lower than that of other eligible children (see Table 2).

2. Figures include children aged 13, who are eligible for services only if they were previously enrolled in the Oxbow Demonstration Project.

Table 2**Enrollment of Eligible Registered Indians
as at August 31, 1979**

Age Group	Number Eligible	Number Enrolled	Percent Enrolled	Number Refused	Percent Refused	Number No Response	Percent No Response
Total	8,591	3,226	37.6	214	2.5	5,151	59.9
Born 1966	953	242	25.4	16	1.7	695	72.9
Born 1967	886	342	38.6	24	2.7	520	58.7
Born 1968	999	421	42.1	33	3.3	545	54.6
Born 1969	907	393	43.4	23	2.5	491	54.1
Born 1970	972	432	44.5	46	4.7	494	50.8
Born 1971	954	431	45.2	28	2.9	495	51.9
Born 1972	996	389	39.1	16	1.6	591	59.3
Born 1973	950	319	33.6	20	2.1	611	64.3
Born 1974	969	252	26.0	8	.8	709	73.2
Other ¹	5	5	100.0	—	—	—	—

1. Children aged 13 are eligible for services only if they were previously enrolled in the Oxbow Demonstration Project.

Dental health of enrolled children

Every child in the Dental Plan is examined once a year to determine the dental health of enrolled children. 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 extensive tooth decay at a young age, even before their fourth birthday. It can be seen in Table 3 that the average four year old child had 2.81 decayed deciduous (baby) teeth.

Children born in 1968 have the longest experience in the Dental Plan and continue to show a yearly reduction in decay. The 1976-77 average of 1.05 decayed permanent teeth per child was reduced to .73 in 1978-79, a 30.5% reduction.¹

Figures 3 and 4 reflect the improvement of dental health of six year old children during the five years the Dental Plan has been in operation. Figure 3 shows that in 1974, 12% of six year old children had

no fillings and no cavities. In 1979, 16.9% of six year old children had no fillings and no cavities.

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 5.1 in 1978-79. 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 old children in 1974-75 to the major category being filled teeth for six year old children in 1978-79.

The number of amalgam restorations provided to enrolled children has increased in each of the five years the program has been in operation. However, the increase has not been in proportion to the increase in enrollment. Amalgam restorations per 1,000 enrolled children have decreased consistently from 3,491 in the 1974-75 program year to 1,456 per 1,000 enrolled children in the 1978-79 program year, as shown in Figure 5.

¹ Complete details of previous years statistics may be obtained from earlier Dental Plan annual reports.

Table 3

Dental Health of Enrolled Children September, 1978 — August, 1979

	Average Number or Percent Per Child By Year of Birth									
	1966 ¹	1967 ¹	1968 ¹	1969 ¹	1970	1971	1972	1973	1974	1974
Decayed, extracted, filled deciduous teeth (DEF) ..	—	—	—	—	4.82	4.70	4.46	4.07	3.33	
Decayed.....	—	—	—	—	.83	1.08	1.47	2.29	2.81	
Extracted.....	—	—	—	—	.35	.30	.21	.11	.06	
Filled.....	—	—	—	—	3.63	3.31	2.77	1.66	.45	
Decayed, missing, filled permanent teeth (DMF) ..	5.23	4.42	3.65	3.01	2.26	1.46	.57	.13	—	
Decayed.....	2.82	1.09	.73	.75	.86	.84	.44	.09	—	
Missing.....	.22	.12	.03	.02	.00	.00	.00	.00	—	
Filled.....	2.19	3.20	2.88	2.24	1.39	.61	.12	.03	—	
Total DEF and DMF	—	—	—	—	7.09	6.16	5.03	4.20	—	
Children with DMF of 0....	10.26%	7.89%	9.27%	14.68%	26.51%	45.15%	74.78%	93.88%	—	
Children with DEF of 0....	—	—	—	—	11.59%	14.11%	18.87%	26.19%	35.68%	
Children with DMF and DEF of 0	—	—	—	—	6.87%	10.51%	16.88%	25.40%	—	
Decayed deciduous and permanent teeth	—	—	—	—	1.70	1.92	1.91	2.39	2.84	
Filled deciduous and permanent teeth	—	—	—	—	5.02	3.93	2.89	1.69	.49	
Ratio filled deciduous and permanent teeth to DMF and DEF.....	—	—	—	—	.70	.63	.57	.40	.14	
Ratio missing and extracted to filled teeth05	.05	.05	.06	.05	.05	.04	.02	.01	
Permanent teeth erupted and not decayed.....	19.35	16.55	12.93	10.53	9.05	7.24	3.97	1.07	—	
Deciduous teeth filled and redecayed.....	—	—	—	—	.14	.14	.10	.06	.03	
Permanent teeth filled and redecayed.....	.15	.06	.04	.04	.02	.01	.00	.00	—	

¹ Dental health indices on deciduous teeth for these children have not been reported since too high a proportion of deciduous teeth have already been shed.

Figure 3

Percentage of Six Year Old Children Where Decayed, Missing, Filled Permanent Teeth Plus Decayed, Extracted, Filled Primary Teeth = 0 By Year of Program

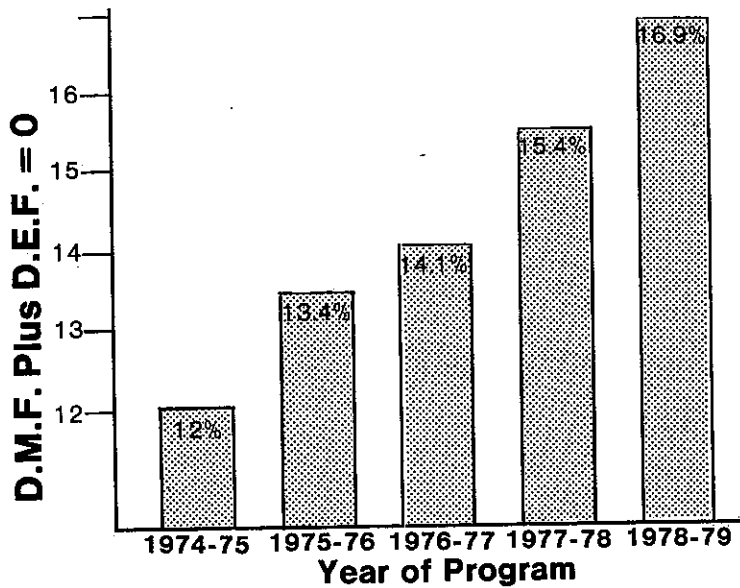


Figure 4

Total D.M.F. and D.E.F. for a Six Year Old Child by Year of Program

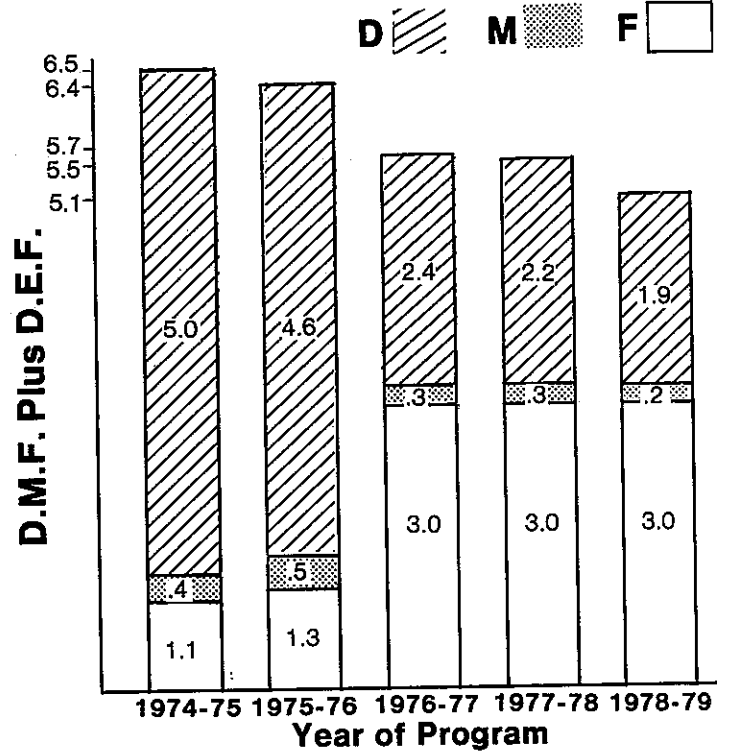
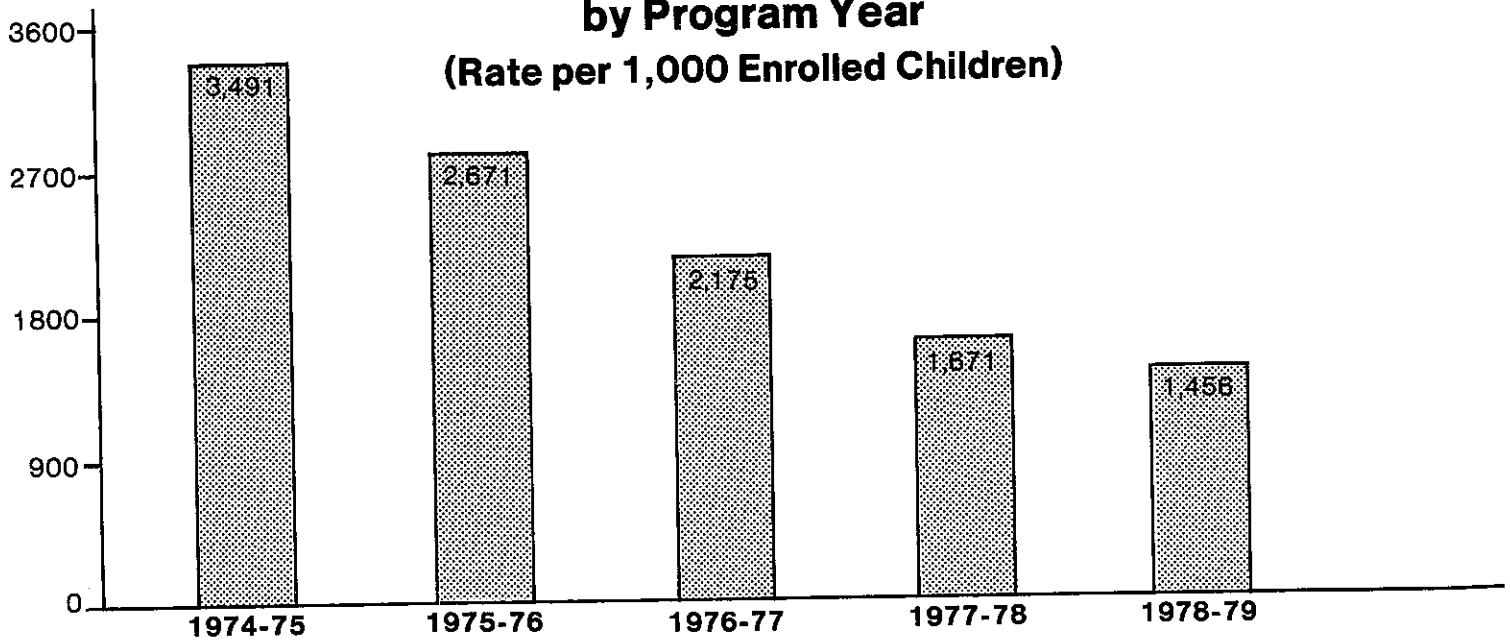


Figure 5

Amalgam Restorations Provided by Program Year

(Rate per 1,000 Enrolled Children)



Services to enrolled children

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 during the 1978-79 program year is shown, by age of patient, in table 4. Comparisons with the volume of service provided in previous years may be made by referring to previous reports.

Table 4

Clinical Services Provided¹ September, 1978 – August, 1979

Services	Number (By Year of Birth)										Total	
	1966	1967	1968	1969	1970	1971	1972	1973	1974	Other ²		
Parent contacts												
In person	9,636	5,518	6,254	7,216	8,300	8,739	8,127	12,529	32,231	15	98,565	
By phone	14,278	8,975	9,273	9,865	10,629	10,668	9,690	11,493	19,113	25	104,009	
By letter	17,148	16,259	17,198	18,117	18,927	19,501	17,665	13,826	6,214	127	144,982	
Diagnostic services												
Initial oral examination...	9,243	817	610	683	774	982	1,318	3,877	8,960	1	27,265	
Emergency oral examination	410	330	463	390	494	545	494	418	262	—	3,796	
Specific oral examination	813	4,304	3,167	3,126	3,340	4,990	2,015	447	217	3	22,422	
Recall examination	2,151	11,747	12,738	12,831	12,528	11,996	11,039	6,623	877	30	82,560	
Diagnostic models	297	265	311	374	476	276	98	44	33	—	2,174	
Radiographic services												
Periapical radiographs ..	3,916	2,204	2,256	2,364	2,283	2,168	1,279	799	658	14	17,941	
Bitewing radiographs (single film)	14,048	7,595	7,898	7,898	8,080	9,024	6,762	7,473	10,570	16	79,364	
Panoramic radiographs ..	21	15	10	15	27	19	7	10	7	—	131	
Occlusal single	43	28	42	50	99	130	83	46	57	—	578	
Preventive services												
Dental prophylaxis	9,336	9,611	10,323	10,411	10,252	10,063	9,934	9,073	8,173	20	87,196	
Polish amalgam	6,117	4,835	5,054	5,705	6,141	5,984	5,124	4,306	2,966	13	46,245	
Topical fluoride	9,538	9,946	10,629	10,731	10,557	10,522	10,296	9,278	8,076	22	89,595	
Nutritional counsel (individual)	3,020	2,936	3,247	3,377	3,222	3,304	3,182	2,881	2,705	9	27,883	
Oral hygiene instruction (individual)	11,425	10,931	11,640	11,846	11,642	11,644	11,301	10,288	9,691	23	100,431	
Fissure sealant	120	195	154	111	144	172	161	41	4	1	1,103	
Discing or slicing	1	3	1	6	16	11	8	1	2	—	49	
Restorative services												
Total amalgam restorations (silver)	28,101	12,315	11,144	14,387	18,964	20,833	17,119	17,856	19,006	39	159,764	

Table 4.

Clinical Services Provided¹ (Cont.)

Services	Number (By Year of Birth)										Total
	1966	1967	1968	1969	1970	1971	1972	1973	1974	Other ²	
Amalgam primary											
One surface	208	192	461	1,017	1,709	2,342	3,512	5,612	7,428	3	22,484
Two surface	371	650	1,812	3,586	5,939	7,245	7,509	10,177	10,097	7	47,393
Three surface	112	141	353	540	699	710	631	1,050	1,248	—	5,484
Four surface	17	12	31	30	41	31	29	57	81	—	329
Five surface	—	—	—	1	2	2	—	8	11	—	24
Amalgam permanent											
One surface	16,580	7,669	5,563	6,263	7,625	7,655	4,018	696	93	25	56,187
Two surface	8,453	3,098	2,563	2,579	2,706	2,646	1,339	233	39	4	23,660
Three surface	2,057	477	319	310	210	179	77	20	9	—	3,658
Four surface	247	58	32	53	33	20	4	3	—	—	450
Five surface	56	18	10	8	—	3	—	—	—	—	95
Composite restorations (white)	3,742	1,646	1,258	926	620	339	216	331	660	4	9,742
Retentive pins	56	33	20	25	24	15	2	5	2	—	182
Stainless steel crowns	187	176	451	1,111	1,984	2,567	2,809	3,954	4,181	5	17,425
Crowns											
Porcelain, plastic, cast metal	25	12	7	10	7	—	—	—	—	—	61
Caries control											
Removal of decay and placement of sedative dressing	751	467	521	668	729	895	554	574	558	1	5,718
Pulp therapy services											
Direct pulp cap	321	47	39	46	36	39	14	8	12	—	562
Indirect pulp cap	633	95	52	87	72	54	70	50	85	2	1,200
Root canal therapy	102	56	26	30	4	—	—	—	—	—	218
Pulpotomy	183	139	335	720	1,158	1,707	1,866	3,056	3,145	4	12,313
Periodontal services	87	65	43	41	42	18	13	3	1	—	313
Surgical services											
Extraction of primary teeth	2,581	2,227	2,872	3,001	2,841	2,611	2,157	1,582	671	7	20,550
Removal of residual roots (soft tissue coverage) ...	168	38	35	36	39	35	41	36	10	—	438
Extraction of permanent teeth	585	334	322	184	30	43	19	7	2	—	1,526
Open and drainage of tooth	11	10	16	33	67	105	92	85	48	—	467
Surgical exposure of unerupted tooth	5	3	4	4	1	2	—	—	—	—	19
Frenectomy	1	1	—	1	1	—	—	—	—	—	4
Removal of tooth (specialist)	53	64	89	79	43	18	13	4	1	—	364
Other surgical services (specialist)	67	41	68	66	43	28	13	6	—	2	334

Table 4**Clinical Services Provided¹ (Cont.)**

Services	Number (By Year of Birth)										Total	
	1966	1967	1968	1969	1970	1971	1972	1973	1974	Other ²		
Space maintainers and minor orthodontic services												
Unilateral space maintainer	4	9	20	77	224	391	468	387	200	1	1,781	
Bilateral space maintainer	7	17	34	51	79	62	40	25	15	—	330	
Tooth movement and space regaining	107	143	124	175	219	122	46	14	5	—	955	
Observation/adjustment of active appliance	146	345	313	500	514	213	83	18	8	—	2,140	
Removal/re-cement of fixed appliance	4	39	75	117	73	52	13	3	2	—	378	
Prevention of thumb sucking	2	8	9	17	21	14	—	1	—	—	72	
Occlusal adjustment	7	7	19	21	34	44	19	11	15	—	177	
Number of Children with Treatment Plans Completed	9,178	9,679	10,535	10,641	10,569	10,471	10,267	9,443	8,386	23	89,192	
Percent of Children with Treatment Completed ...	82.80	82.15	82.62	83.69	83.04	83.24	82.75	78.56	71.97	60.52	81.26	

¹ Includes services to enrolled registered Indians.

² Includes children aged 13 previously served by the Oxbow School Demonstration Project.

Referrals and emergency services

The costs of services provided by private practitioners to children enrolled in the Dental Plan are not covered by the Plan. There are two exceptions: referred services and emergency services.

Referrals to private practitioners are of two types. A permanent referral is given to a patient when the examining dentist feels that the management of the patient is beyond the capability of the dental nurse. 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 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 are also given specific referrals to private practitioners for specific dental problems beyond the capability of the dental nurse. 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. Emergency services are defined as the relief of pain, treatment of infection, 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 1978-79 four private practitioners provided dental care to enrolled children on a contract basis. This arrangement was made in certain rural areas of the province.

The following table outlines the types and costs of referred and emergency services provided by private practitioners to children enrolled in the Saskatchewan Dental Plan in 1978-79.

Table 5

**Referred and Emergency Services Provided By Private
Dentists to Children Enrolled In The
Dental Plan
September 1978 — August 1979¹**

Type of Service	Total		Referral		Emergency	
	No.	Cost (\$)	No.	Cost (\$)	No.	Cost (\$)
TOTAL	11,470	191,704.04	10,416	166,609.88	1,054	12,646.16
Initial oral examination	1,090	9,361.50	1,087	9,337.50	3	24.00
Specific oral examination	315	2,517.40	312	2,493.40	3	24.00
Periapical X-rays	1,644	5,787.95	1,370	4,536.85	274	1,251.10
Occlusal X-rays	—	—	—	—	—	—
Bitewing X-rays	328	1,372.95	320	1,338.60	8	34.35
Panoramic X-rays	131	1,915.00	129	1,886.10	2	28.90
Diagnostic models	71	705.70	71	705.70	—	—
Topical fluoride and dental prophylaxis	433	4,606.98	431	4,583.98	2	23.00
Oral hygiene instruction	94	710.20	94	710.20	—	—
Fissure sealants	7	42.28	7	42.28	—	—
Carries control —						
Removal of decay, place sedative dressing	101	925.25	88	801.25	13	124.00
Amalgam restorations	2,138	29,702.40	2,051	28,377.75	87	1,324.65
Composite restorations	438	9,400.40	388	8,112.00	50	1,288.40
Stainless steel crowns	630	14,142.45	603	13,614.80	27	527.65
Crowns — porcelain, plastic cast metal	57	4,551.95	54	4,286.25	3	265.70
Pulpotomy	401	4,480.61	342	3,812.31	59	668.30
Root canal therapy	149	14,527.08	137	13,373.28	12	1,153.80
Partial denture maxillary	13	1,047.50	12	974.55	1	72.95
Removal of erupted teeth	1,871	21,281.78	1,484	16,778.32	387	4,503.46
Surgical removal of tooth (specialist)	326	4,706.60	323	4,653.30	3	53.30
Other surgical services	266	12,455.28	265	12,420.28	1	35.00
Tooth movement and/or space regaining	177	12,826.00	177	12,826.00	—	—
Bilateral space maintainer	51	3,418.80	51	3,418.80	—	—
Unilateral space maintainer	81	2,560.00	80	2,522.90	1	37.10
Observation orthodontics	453	3,221.75	452	3,214.70	1	7.05
Other miscellaneous services	205	12,988.23	88	11,788.78	117	1,199.45
Other services unidentified	—	12,448.00	—	—	—	—

¹ An additional \$14,372.63 was paid to 4 dentists in private practice working on a contract basis providing examination services and writing treatment plans for the children examined. The total amount paid to private practitioners was \$206,076.67. (See Statement 1)

Expenditures

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

1. During the first year of the Dental Plan, administrative and other costs associated with implementing a new program represented an average expenditure per child of \$25.99. The total administrative costs have increased in each of the following four years, but, an increase in the enrollment has resulted in a decrease in the administrative cost per child to \$4.95 despite high inflation rates during the same period.
2. The decision to phase in the program by age group across the province rather than all age groups region by region has resulted in equality of service but has lowered productivity and created higher staff travel and sustenance costs. However, these costs have decreased from \$14.95 per child in the first year of operation to \$5.53 per child in the current year.
3. The financial statements include only those expenditures incurred directly by the Saskatchewan Dental Plan, including the provision of secretariat services to the Saskatchewan Dental Nurses Board. Costs related to the Saskatchewan Dental Plan which were incurred by other agencies have been excluded.
4. Revenue from the activities of the Saskatchewan Dental Plan has not been applied to offset expenditures. The \$170,327.53 revenue realized during the year included \$3,740.00 from registration and licensing of dental nurses by the Saskatchewan Dental Nurses Board and \$157,867.26 in reimbursement from the Department of National Health and Welfare in respect of dental care provided to 2,123 enrolled Indian children during the period September 1, 1977 to August 31, 1978.

Statement 1

Statement of Payments — Operating Expenses

September 1, 1977 — August 31, 1978

September 1, 1978 — August 31, 1979

	September 1, 1977 to August 31, 1978	September 1, 1978 to August 31, 1979
Administration (Regina Central Office)		
Salaries and honoraria	\$ 294,027.85	\$ 352,735.58
Travel	14,333.99	14,823.21
Public Information and Advertising	32,737.21	22,950.96
Professional dues and staff training	1,384.03	1,130.00
Office expenses	17,533.85	25,774.50
Other expenses	108,329.30	125,569.26
Sub Total	\$ 468,346.23	\$ 542,983.51

Program Expenses

Salaries	\$ 4,411,455.93	\$ 5,649,039.39
Travel	543,597.18	606,512.70
Public information and advertising	3,612.38	2,182.28
Professional dues and staff training	13,311.63	10,482.00
Office expenses	99,745.99	125,951.69
Private practitioner services	118,321.48	206,076.67
Laboratory supplies and services	39,355.45	42,170.60
Dental supplies	322,409.93	419,696.42
Repairs	33,217.03	29,139.39
Taxes and licences	12,716.64	13,873.12
Grants and contributions	20,854.17	23,104.18
Other Expenses	43,650.13	64,976.52
Sub Total	\$ 5,662,247.94	\$ 7,193,204.96
Total Operating Expenditure	6,130,594.17	7,736,188.47
Capital Equipment purchases	68,073.01	47,730.85
Total expenditure	\$ 6,198,667.18	\$ 7,783,919.32

Statement 2

Expenditure Statement Reconciliation to Public Accounts¹

	Public Accounts	Program Year
Expenditure Sept. 1/76 — March 31/77	not applicable ²	2,965,057.57
Expenditure April 1/77 — August 31/77	2,103,642.23	<u>2,103,642.23</u>
Total expenditure 1976-77 program year		<u>5,068,699.80</u>
Expenditure Sept. 1/77 — March 31/78	<u>3,628,987.39</u>	<u>3,628,987.39</u>
Public Accounts 1977-78	<u>5,732,629.62</u>	
Expenditure April 1/78 — August 31/78	2,569,679.79	<u>2,569,679.79</u>
Total expenditure 1977-78 program year		<u>6,198,667.18</u>
Expenditure Sept. 1/78 — March 31/79	<u>4,826,846.42</u>	4,826,846.42
Public Accounts 1978-79	<u>7,396,526.21</u>	
Expenditure April 1/79 — August 31/79		<u>2,957,072.90³</u>
Total expenditure 1978-79 program year		<u>7,783,919.32</u>

¹ 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).

² The figures for this period apply to the fiscal year 1976-77, and have been reported in previous reports. The figure is not reported here to avoid confusion.

³ 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 1979-80 fiscal year.

Statement 3

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

September 1, 1977 to August 31, 1978 and
September 1, 1978 to August 31, 1979

	Program Year September 1/77 -- August 31/78		Program Year September 1/78 -- August 31/79	
Total Operating Expenditure				
(from statement 1)		\$ 6,130,594.17		\$ 7,736,188.47
Add dental supplies opening inventory	\$ 295,732.91		\$ 310,146.88	
Less dental supplies closing inventory	(310,146.88)		(397,458.72)	
Add repair parts opening inventory	36,529.61		32,043.36	
Less repair parts closing inventory	(32,043.36)		(44,065.18)	
Add equipment losses	1,183.19		—	
Less preventive dental services provided by S.D.P. to children not enrolled in S.D.P. @ \$6.00 each	(10,560.00)		(3,480.00) ¹	
Sub Total	\$ 6,111,288.64		\$ 7,633,374.81	
Add depreciation	138,875.15		125,203.50 ²	
Actual cost of services	<u>6,250,163.79</u>		<u>7,758,578.31</u>	
Number of enrolled children ...	84,052		109,751	
Average cost per enrolled child	74.36 ³		70.69 ³	

¹ Services provided to 29 classrooms of grade 8 students at an estimated average enrollment of 20 students per classroom.

² Opening inventory of depreciated fixed assets (\$925,834.33 — \$138,875.15)	\$ 786,959.18
Add purchases during year	47,730.85
Undepreciated fixed assets	<u>\$ 834,690.03</u>
Depreciation calculated @ 15% of undepreciated value of fixed assets ..	\$ 125,203.50

³ Calculated by dividing the actual cost of services by the number of children enrolled.

Note: The Department of Education covered the cost of establishing dental clinics in elementary schools. \$1,513,156.47 was spent prior to August 31, 1978, with an additional \$ 227,344.33 spent during September 1/78 — August 31/79. These expenditures are capital in nature and should be amortized over the life of the facility. Based on a depreciation rate of 5% the depreciation would be approximately \$87,025.04. This would represent an average cost per enrolled child of:

\$ 87,025.04	=	\$0.79
109,751		

Appendix Established Dental Clinics by Dental Region and Location

Swift Current Dental Region

Location	School
Cabri	Cabri Elementary
Central Butte	Central Butte Elementary
Chaplin	Chaplin Elementary
Eastend	Eastend School
Fox Valley	Fox Valley Elementary
Frontier	Frontier School
Gravelbourg	Gravelbourg Elementary
Gull Lake	Gull Lake Elementary
Herbert	Herbert Elementary
Hodgeville	Hodgeville Elementary
Lancer	Lancer Elementary
Leader	Leader Elementary
Maple Creek	Jasper St. Elementary Sidney St. Elementary
Morse	Morse Elementary
Ponteix	Ponteix Elementary
Richmond	Richmond School
Shaunavon	Shaunavon Public
Swift Current	Ashley Park Elementary Central Elementary Dickson Elementary Fairview Elementary James O. Begg Elementary Kinsmen/Oman Elementary
Wymark	Wymark Elementary
Total Clinics for 1978 – 1979	25

Regina Dental Region

Location	School
Arm River Colony	Arm River Hutterite Elementary
Abernethy	Abernethy School
Assiniboia	Assiniboia Jr. High
Avonlea	Avonlea Elementary
Balcarres	Balcarres School
Baildon Colony	Camlachie Hutterite Elementary
Balgonie	Balgonie Elementary
Bengough	Bengough School
Bethune	Bethune School
Briercrest	Briercrest School
Brownlee	Brownlee School
Caronport	Caronport Elementary
Ceylon	Ceylon Elementary
Coderre	Coderre School
Coronach	Coronach School
Crane Valley	Crane Valley School
Creelman	Creelman Elementary
Cupar	Cupar Elementary
Duval	Duval Elementary
Dysart	Dysart School
Edenwold	Edenwold Elementary
Fillmore	Fillmore School

Regina Dental Region (continued)

Location	School
Fort Qu'Appelle	Fort Qu'Appelle Elementary
Glenavon	Glenavon School
Goodwater	Goodwater Elementary
Govan	Govan Elementary
Grand Coulee	Grand Coulee School
Gray	Gray Elementary
Indian Head	Indian Head Elementary
Kelliher	Kelliher School
Kronau	Saar Elementary
Lake Alma	Lake Alma Elementary
Lipton	Lipton Elementary
Leross	Leross Elementary
Lestock	Lestock Elementary
Limerick	Limerick Elementary
Lumsden	Lumsden Elementary
McLean	McLean School
Marquis	St. Mark Separate Elementary
Midale	Midale School
Milestone	Milestone Elementary
Minton	Minton Elementary
Montmartre	Montmartre Separate Elementary
Moose Jaw	Bushell Park School
	Empire Elementary
	King Edward Elementary
	Lindale School
	Palliser Heights Elementary
	Prince Arthur Elementary
	Ross Elementary
	Westmount Elementary
	William Grayson Elementary
	Sacred Heart Elementary
	St. Agnes Elementary
	St. Michael Elementary
	Moose Jaw District Office
Mortlach	Mortlach School
Mossbank	Mossbank Health Clinic
Ogema	Ogema School
Pangman	Pangman Elementary
Parry	Parry Elementary
Pense	Pense Elementary
Pilot Butte	Pilot Butte Elementary
Punnichy	Punnichy Elementary
Quinton	Quinton Elementary
Radville	Radville Elementary
	St. Olivers Elementary
Raymore	Raymore School
Riceton	Riceton Elementary
Regina	Al Picard School
	Argyle Elementary
	Athabasca Elementary
	Benson Elementary
	Birchwood Elementary
	Dr. A. E. Perry Elementary
	Dr. Hanna Elementary
	Elsie Dorsey Elementary
	Ethel Milliken Elementary
	George Lee Elementary
	Grant Road Elementary
	Henry Janzen Elementary

Regina Dental Region (continued)

Location	School
	Kitchener Elementary
	Marion McVeety Elementary
	Massey Elementary
	Maranatha Christian Centre
	McNabb Elementary
	R. J. Davidson Elementary
	Regent Park Elementary
	Rosemont Elementary
	Sherwood Elementary
	Transcona Elementary
	Wascana Elementary
	Wascana Hospital
	W. C. Howe Elementary
	Walker Elementary
	Wilfred Hunt Elementary
	Deshaye Separate Elementary
	St. Augustine Separate Elementary
	St. Bernadette Separate Elementary
	St. Dominic Savio Elementary
	St. Francis Separate Elementary
	St. Gregory Separate Elementary
	St. James Separate Elementary
	St. Joan of Arc Separate Elementary
	St. John Separate Elementary
	St. Josephat Separate Elementary
	St. Leo Separate Elementary
	St. Luke Separate Elementary
	St. Mary Separate Elementary
	St. Matthew's Separate Elementary
	St. Patrick Separate Elementary
	St. Peter Separate Elementary
	St. Philip Separate Elementary
	St. Timothy Separate Elementary
Rockglen	Rockglen Elementary
Rouleau	Rouleau Elementary
Sedley	Sedley Elementary
Semans	Semans Elementary
Southey	Southey Elementary
Strasbourg	Strasbourg Elementary
Vibank	Vibank Elementary
Weyburn	Haig Elementary
	Souris School
	Assiniboia Elementary
	Weyburn Comprehensive
	Elgin Elementary
Willow Bunch	Willowbunch Elementary
Windthorst	Windthorst School
Wolseley	Wolseley Elementary
Wood Mountain	Wood Mountain School
Yellow Grass	Yellow Grass Elementary
Total Clinics for 1978 - 1979	131

Saskatoon Dental Region

Location	School
Aberdeen	Aberdeen Elementary
Allan	Allan School
Asquith	Asquith School
Beechy	Beechy School
Borden	Borden School

Saskatoon Dental Region (continued)

Location	School
Clavet	Clavet School
Colonsay	Colonsay School
Conquest	Conquest School
Craik	Craik School
Dalmeny	Dalmeny School
Davidson	Davidson School
Delisle	Delisle Elementary
Duck Lake	Stobart Elementary
Elbow	Elbow Elementary
Hague	Prince Philip Elementary
Hanley	Hanley School
Hepburn	Hepburn School
Holdfast	Holdfast School
Imperial	Imperial School
Kenaston	Kenaston School
Langham	Langham Elementary
Lanigan	Lanigan Elementary
Leroy	Leroy Medical Health Centre
Lucky Lake	Lucky Lake School
Martensville	Martensville Elementary
Nokomis	Nokomis School
Osler	R. J. Davidson Elementary
Outlook	Outlook Elementary
Perdue	Perdue School
Radisson	Radisson School
Rosthern	Rosthern Elementary
Saskatoon	Alvin Buckwold Elementary
	Bishop Klein Elementary
	Bishop Pocock Elementary
	Bishop Roborecki Elementary
	Boughton Elementary
	Brevoort Park Elementary
	Buena Vista Elementary
	Cardinal Leger Elementary
	Caroline Robins Elementary
	Caswell Elementary
	Churchill Elementary
	College Park Elementary
	Confederation Park Elementary
	Estey Elementary
	Fairhaven Elementary
	Father Vachon Elementary
	French School
	George Vanier Elementary
	Greystone Heights Elementary
	Grosvenor Park Elementary
	Haultain Elementary
	Henry Kelsey Elementary
	Holliston Elementary
	Holy Family Elementary
	Howard Coad Elementary
	Hugh Cains Elementary
	John Lake Elementary
	King George Elementary
	Lester B. Pearson Elementary
	Lorne Haselton Elementary
	McNab Park Elementary
	Mayfair Elementary
	Montgomery Elementary
	North Park Elementary

Saskatoon Dental Region (continued)

Location

School

	Pleasant Hill Elementary
	Prince Philip Elementary
	Princess Alexandra Elementary
	Queen Elizabeth Elementary
	Richmond Heights Elementary
	River Heights Elementary
	Roland Michener Elementary
	St. Anne Elementary
	St. Augustine Elementary
	St. Charles Elementary
	St. Edward Elementary
	St. Frances Elementary
	St. Gerard Elementary
	St. Goretti Elementary
	St. James Elementary
	St. John's Elementary
	St. Mark's Elementary
	St. Mary's Elementary
	St. Matthew Elementary
	St. Michael Elementary
	St. Patrick Elementary
	St. Paul's Elementary
	St. Philip Elementary
	St. Thomas Elementary
	Sutherland Elementary
	Thornton Elementary
	University
	Victoria Elementary
	Vincent Massey Elementary
	Westmount Elementary
	Wildwood Elementary
	Wilson Elementary
Vanscoy.....	Vanscoy Elementary
Viscount.....	Viscount Elementary
Waldheim.....	Waldheim School
Warman.....	Warman Elementary
Watrous.....	Watrous Elementary
Young.....	McClellan School
Total Clinics for 1978 — 1979	103

Yorkton Dental Region

Location

School

Alida	Alida School
Archerwill	Archerwill School
Arcola	Arcola School
Arran.....	Arran School
Bredenbury.....	Bredenbury School
Broadview.....	M. B. Cope Elementary
Buchanan	Buchanan School
Canora	Canora Junior Elementary
	Canora Senior Elementary
Carnduff.....	Carnduff Elementary
Carlyle	Carlyle School
Churchbridge.....	Churchbridge Elementary
Esterhazy.....	P. J. Gillian School
Estevan	Sacred Heart School
	Scotsburn School
	St. Mary's School
	Westview School

Yorkton Dental Region (continued)

Location	School
Foam Lake.....	Foam Lake Elementary
Grenfell.....	Grenfell Elementary
Invermay.....	Invermay Elementary
Ituna.....	Ituna School
Kamsack.....	Victoria Elementary
Kelvington.....	Robert Melrose Elementary
Kipling.....	Kipling School
Lampman.....	Lampman School
Langenburg.....	Parkside Elementary
Lemberg.....	Lemberg School
Lintlaw.....	Lintlaw Okla School
MacNutt.....	MacNutt School
Manor.....	Manor School
Maryfield.....	Maryfield School
Margo.....	Margo School
Melville.....	Melville Comprehensive Miller Elementary
Moosomin.....	Churchill School
Neudorf.....	Neudorf Elementary
Norquay.....	Norquay Elementary
Oxbow.....	Mobile Home
Preeceville.....	Preeceville School
Quill Lake.....	Quill Lake Elementary
Rama.....	Rama School
Redvers.....	Redvers School
Rocanville.....	Rocanville School
Rose Valley.....	Rose Valley School
Saltcoats.....	Saltcoats Elementary
Sheho.....	Sheho School
Stoughton.....	Stoughton School
Sturgis.....	Sturgis Elementary
Theodore.....	Theodore School
Wadena.....	Wadena Elementary
Wapella.....	Wapella School
Wawota.....	Wawota School
Whitewood.....	Whitewood School
Willowbrook.....	Willowbrook Elementary
Wishart.....	Wishart School
Wynyard.....	Wynyard Elementary
Yorkton.....	Angus Spice Elementary Columbia Elementary Dr. Brass Elementary Simpson Elementary St. Paul's Elementary
Total Clinics for 1978 – 1979.....	61

Prince Albert Dental Region

Location	School
Albertville.....	Albertville Elementary
Annaheim.....	Annaheim School
Arborfield.....	Arborfield School
Big River.....	Big River Elementary
Birch Hills.....	Birch Hills Elementary
Bjorkdale.....	Bjorkdale School
Bruno.....	Bruno School
Canwood.....	Canwood Elementary
Carrot River.....	Carrot River Elementary
Cecil S.D. No. 130.....	Prince Albert East Central
Christopher Lake.....	Christopher Lake School

Prince Albert Dental Region (continued)

Location	School
Crystal Springs	Dixon Lake School
Cudworth	Cudworth School
Davis	Osborne Elementary
Debden	Debden School
Domremy	Domremy School
Englefeld	Englefeld School
Garrick	Garrick Elementary
Gronlid	Gronlid School
Hudson Bay	Blake Beattie Elementary
Humboldt	Humboldt Elementary
	St. Augustine Elementary
	St. Dominic Elementary
Kinistino	Kinistino Elementary
Lake Lenore	Lake Lenore School
MacDowall	MacDowall Elementary
Meath Park	Meath Park Elementary
Melfort	Reynolds Central Elementary
Middle Lake	Middle Lake School
Mistatim	Mistatim School
Mont Nebo	Mont Nebo Elementary
Muenster	Muenster School
Naicam	Naicam School
Nipawin	Alex Wright Elementary
	Wagner Elementary
Paddockwood	Paddockwood Elementary
Pleasantdale	Pleasantdale School
Porcupine Plain	Porcupine Plain School
Prairie River	Prairie River Elementary
Prince Albert	Boucher Junior Elementary
	Berezowsky Elementary
	King George Elementary
Prud'Homme	Prud'Homme School
Red Wing	Red Wing Elementary
Ridgedale	Ridgedale School
Sage Hill	Dana Elementary
Shellbrook	Shellbrook Elementary
Shell Lake	Shell Lake Elementary
Smeaton	Smeaton School
Spalding	Spalding School
Spruce Home	Spruce Home Central Elementary
Star City	Star City School
St. Brieux	St. Brieux School
St. Louis	St. Louis School
Tisdale	Tisdale Elementary
Wakaw	Wakaw School
Watson	Watson Elementary
Weekes	Weekes High School
Weirdale	Weirdale Elementary
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 1978 — 1979	64

North Battleford Dental Region

Location	School
Alsask.....	DND School
Battleford.....	Battleford Central School
Biggar.....	Nova Wood Elementary
Blaine Lake.....	Blaine Lake School
Cando.....	Cando School
Cochin.....	Cochin Elementary
Coleville.....	Rossville Elementary
Cut Knife.....	Cut Knife Elementary
D'arcy.....	D'arcy Elementary
Denzil.....	Denzil Elementary
Dinsmore.....	Dinsmore Elementary
Doddsland.....	Doddsland Elementary
Dorintosh.....	Dorintosh Elementary
Eatonia.....	Eaton School
Edam.....	H. Hardcastle School
Elrose.....	Elrose School
Eston.....	Eston Elementary
Glaslyn.....	Glaslyn School
Goodsoil.....	Goodsoil Central School
Hafford.....	Hafford School
Harris.....	Harris-Tessier School
Herschel.....	Herschel Elementary
Hillmond.....	Hillmond Central School
Kerrobert.....	Mary Rodney Elementary
Kindersley.....	Kindersley School Unit Office
Kyle.....	Kyle School
Landis.....	Landis School
Lashburn.....	J. H. Moore Elementary
Leask.....	Leask School
Leipzig.....	Leipzig School
Leoville.....	Leoville School
Livelong.....	Livelong Elementary
Lloydminster.....	Neville Goss Elementary
	Father Gorman Elementary
Loon Lake.....	Ernie Studer School
Luseland.....	Luseland Elementary
Macklin.....	Macklin Elementary
Maidstone.....	Ratushniak Elementary
Major.....	Major School
Makwa.....	Makwa School
Marcelin.....	Marcelin School
Marengo.....	Westcliffe School
Marsden.....	Marsden Elementary
Mayfair.....	Mayfair School
Maymont.....	Maymont Central School
Meadow Lake.....	Lakeview Elementary
Medstead.....	Medstead Elementary
Milden.....	Milden Central School
North Battleford.....	McKitrick Elementary
	Notre Dame Elementary
Neilburg.....	Neilburg Composite School
Paradise Hill.....	Paradise Hill Elementary
Paynton.....	Paynton School
Pierceland.....	Pierceland Elementary
Plenty.....	Plenty Elementary
Primate.....	Primate School
Rabbit Lake.....	Rabbit Lake Elementary
Rosetown.....	Walter Aseltine Elementary
Sonningdale.....	Sonningdale School
Scott.....	Scott Elementary

North Battleford Dental Region (continued)

Location	School
Smiley.....	Smiley Elementary
Speers.....	Speers Elementary
Spiritwood.....	Spiritwood Elementary
Spruce Lake.....	Spruce Lake Elementary
Tramping Lake.....	Tramping Lake School
Turtleford.....	Turtleford School
Unity.....	St. Peter's Elementary Unity Elementary
Vawn.....	Vawn Elementary
Wilkie.....	McLurg High School St. George Separate School
Wiseton.....	Wiseton Elementary
Total Clinics for 1978 – 1979.....	72
Total Number of Clinics – All Regions.....	456