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REPORT ON THE INDIAN SCHOOLS OF
MANITOBA AND THE NORTH-
WEST TERRITORIES

BY

P. H. BRYCE, M.A., M.D.

Chief Medical Officer, Department of Indian Affairs.



OTTAWA
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DEPARTMENT OF INDIAN AFFAIRS,

OTTAWA, June 19, 1907.

FRANK PEDLEY, Esq.,

Deputy Supt. General of Indian Affairs,
Ottawa.

SIR,—I have the honour to submit my report on the Indian schools of Manitoba and the Northwest Territories.

Your obedient servant,

P. H. BRYCE,

Chief Medical Officer.

ERRATA.

Page 15, after the words 'in the original notes,' eliminate the words 'herewith transmitted.'

Page 16, paragraph 4, second line, read 'principals' for 'principles.'

Page 18, eighth line from the bottom, read 'shows' for 'show.'



SUMMARY.

Page 1-15—History of the Indian Schools.

Page 15-17—Present condition of the Indian Schools.

Page 17-19—Health of Pupils of the Indian Schools.

REPORT ON THE INDIAN SCHOOLS OF MANITOBA AND THE NORTH-WEST TERRITORIES.

The story of the early explorations and of the trading adventures of the French and English on the plains of the great Northwest has ever been one of exceeding interest to the people of Canada; but while filled with romance and important as illustrating how the great domain has gradually been brought under the dominion of the British Crown, it nevertheless is largely lacking as a record of the more silent, yet more potent, influences which for over a century have been at work transforming the Indian aborigines into members of a civilized society and loyal subjects of the King. Restrained through diplomacy, force and the interests of trade by the great fur-trading companies, the widely distributed and wandering bands of Indians would still have been savages, had it not been for the heroic devotion of those missionaries who, attaching themselves to some band, moved with it in its wanderings, or travelled from post to post where the Indians were assembled while bartering their furs.

The evolution of schools amongst the Indian population of the Northwest naturally begins with the efforts of the early missionaries to obtain an influence over the Indians through the education and guidance of the children. The Roman Catholic Church as early as 1817 sent its first missionary into this extensive region and its work has been extended to far within the Arctic Circle, reaching even to the Northern Ocean. Co-incident with its work has been that of the Church of England, whose missionaries, locating near some Hudson's Bay Company's trading post, have covered, through the work of the Church of England Missionary Society, the entire Northwest to Fort McPherson and the Yukon. To illustrate—the first Anglican mission was established at Winnipeg in 1820, Dynevor in 1833, Cumberland in 1840, Lac la Ronge in 1840, Battleford in 1876, the Blood Mission in 1880, Fort Simpson in 1858, Fort McPherson in 1874, and Rampart House in 1882. The British Methodist Church began its labours by establishing missions on Lake Winnipeg at Norway House and Berens River in 1856, gradually extending westward as far as the Stony reserve in the foothills of the Rockies. The Presbyterian Church, latest in the field, started a mission at Prince Albert in 1867. The stories of hardship and of danger endured by these missionaries of the Cross have been but incidentally told, but the results are shown in the list of missions and of day schools in existence when this enormous territory passed into the hands of the Dominion of Canada in 1870. The lists are very incomplete, but a published report shows that 20 Roman Catholic schools and 5 Church of England schools received in 1877 some financial aid from the Dominion government. The following statement, taken from a report published in 1897, gives the total grants made by the government to the schools of the different churches in the years 1877, 1886, 1896 and 1906:—

TABLE I.—Showing the Government grants to the Schools of Manitoba and the North-west Territories in 1877, 1886, 1896 and 1906.

ROMAN CATHOLIC CHURCH.

DISTRICT.	KIND OF SCHOOL.	1877.		1886.		1896.		1905-6.	
		Build- ing.	Main- tenance.	Build- ing.	Main- tenance.	Build- ing.	Main- tenance.	Build- ing.	Main- tenance.
		\$ cts.	\$ cts.	\$ cts.	cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Manitoba	Day		268 45		2,711 87		3,145 13		1,800 00
"	Boarding						1,620 00		12,480 00
"	Industrial					2,000 00	12,764 39		
N. W. Territories.	Day	150 00	300 00	236 00	1,077 39		3,969 05		900 00
"	Boarding				536 20	2,938 15	14,762 57	2,152 50	42,406 06
"	Industrial			2,661 62	26,489 74		43,344 32	8,676 07	35,761 16
		150 00	568 45	2,897 62	30,815 20	4,938 15	79,605 16	10,828 57	93,347 22

CHURCH OF ENGLAND.

Manitoba	Day		274 50	325 97	6,447 22		9,634 68		8,930 00
"	Boarding								
"	Industrial						28,027 75		16,488 90
N. W. Territories.	Day			130 00	1,761 41		4,326 17		4,500 00
"	Boarding						15,336 55	134 00	12,567 48
"	Industrial				10,179 57	7,430 00	19,260 86	1,369 20	17,102 69
			274 50	455 97	18,488 56	7,430 00	70,586 01	1,503 20	59,588 47

METHODIST CHURCH.

Manitoba	Day				1,637 71		1,902 22		1,500 00
"	Boarding								1,500 00
"	Industrial						13,526 74	2,952 39	12,000 00
N. W. Territories.	Day				407 87		2,480 77		1,800 00
"	Boarding				358 54		1,725 60		2,271 80
"	Industrial						6,064 35	1,963 64	9,648 16
					2,404 12		26,299 68	4,916 03	32,719 96

PRESBYTERIAN.

Manitoba	Day								600 00
"	Boarding						1,464 15		6,720 60
"	Industrial								
N. W. Territories.	Day			457 60	1,270 47		950 15		900 00
"	Boarding						6,063 13		6,261 65
"	Industrial						17,836 83		7,525 72
				457 60	1,270 47		25,814 26		22,007 97

UNDENOMINATIONAL—\$600 00

The following is a summary of the expenditures set forth in the former table:—

Class of School.	1877.		1886.		1896.		1906.	
	Building	Maint'nce	Building	Maint'nce	Building	Maint'nce	Building	Maint'nce
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
R. Catholic Schools..	150 00	568 45	2,897 62	30,815 20	4,938 15	76,605 46	10,828 59	93,347 22
Church of England..		274 50	455 97	18,488 50	7,430 00	76,588 01	1,503 30	59,588 47
Methodist Church..				2,404 12		20,299 68	4,916 03	32,719 96
Presbyterian			457 00	1,270 47		24,350 11		22,007 97
Undenominational ..								600 00
	150 00	812 95	3,811 19	53,978 29	12,368 15	206,843 26	17,247 92	208,263 62

Thus the connection of the Dominion government with the Indian schools of the Northwest began in 1871, when on August 3, the first treaty, extinguishing the Indians' title to the lands within the boundaries of southeastern Manitoba, was signed. The dates of the several treaties were:—

I Southeastern Manitoba	August 3, 1871.
II Lake Manitoba (south)	August 21, 1871.
III Northwest Angle	October 3, 1873.
IV Qu'Appelle District	September 5, 1874.
V Lake Winnipeg	September 24, 1875.
VI Fort Pitt	September 9, 1876.
VII Blackfoot District	September 22, 1877.

As the terms of all these treaties were much the same, some of the particulars may be quoted;

They provided:—

- 1st. That sufficient land be reserved to give 160 acres to each family of 5.
- 2nd. For prohibiting the sale of intoxicants.
- 3rd. A present of three dollars per capita to the Indians on the reserve.
- 4th. That schools would be provided for the Indians.

At Confederation in 1867 it was agreed that the Indian Department should contribute an amount equal to that contributed by the Methodist Church for schools in Ontario and Quebec, provided the sum did not exceed \$1,000. Hence it was natural and easy, apart from treaty engagements, for the government to extend this principle to the schools of the newly acquired Northwest Territories. There appears a memorandum of Sir John A. Macdonald, dated October 19, 1880, fixing the salary of \$300 to be given each day school teacher in Manitoba and the Territories. It also states that if the attendance should fall short of 25 in any quarter, the teacher should be paid at a per capita rate of \$3 per quarter; in the case of non-denominational schools, it was considered that teachers should be paid a maximum salary of \$504, or at the rate of \$12 per annum for 42 pupils; if the attendance be short of this number, the teacher should receive \$3 per pupil for the quarter. The same memorandum provided prizes or bonuses to the teachers of the five best conducted schools in Manitoba and the Northwest.

In the annual report for 1881, Commissioner Dewdney states:—'There are now 20 schools and missions in the Northwest Territories, 12 of which are receiving government aid; 9 are Church of England, 6 Roman Catholic, 4 Canada Methodist, and 1 Presbyterian. There are now 11 school-houses under construction or completed, for which teachers will be required during the coming season. We find considerable difficulty in securing teachers for schools where the number of children is small and is

not likely to increase to an extent sufficient to make the per capita remuneration attractive, and I would recommend that in these cases a fixed sum be granted, say two-thirds (2/3) of the maximum allowed by order in council of 19th October, 1880.' The same report shows that grants were paid to the following additional schools, 10 of which were in Superintendent Graham's inspectorate:—

- | | |
|------------------------|----------------------|
| 1 Little Saskatchewan. | 7 Bojens River. |
| 2 Brokenhead. | 8 Fisher Lake. |
| 3 Ebb and Flow. | 9 Eagle Hill. |
| 4 Fairford. | 10 Isle à la Crosse. |
| 5 Lake St. Martin. | 11 Onion Lake. |
| 6 Black River. | |

Inspector Graham says in the same report: 'I find it very difficult to secure the services of competent teachers for the schools in Treaties 3 and 5 owing to the difficulty of getting there and the high prices charged for provisions, &c., and being cut off from any mail communication.'

The total amount paid by the government as salaries to teachers that year in these 31 schools was \$3,227.50, or roughly, \$100 per school.

In the same appendix may be found items for building materials and for erecting buildings at several points.

These quotations serve very well to indicate the embryonic condition of the Indian school system, if it may be so called, in the Northwest, and regarding which the adoption in 1884 of the industrial school idea seems to have been a necessary growth.

Such was the general condition when in 1879 Mr. N. F. Davin was appointed a commissioner to report on the establishment of industrial schools in the Northwest. A comprehensive report, dated March 14, 1879, was the result of his investigations. In his conclusions he says:—'I should recommend at once an extensive application of the principle of industrial boarding schools in the Northwest, were it not that the population is so largely migratory that any great outlay at present would be money thrown away.' He also recommends—

1st. Wherever the missionaries have schools, those schools should be utilized by the government if possible; that is to say, a contract should be made with the religious body controlling the school to board, educate and train industrially a certain number of pupils.

2nd. Not more than four industrial schools should be established at first.

3rd. That one be established at the junction of the north and south Saskatchewan near Prince Albert, under the Episcopal Church.

4th. Advises one near Old Fort Bow, near the Stonies and Blackfeet.

5th. Advises that there be one at Qu'Appelle under the Roman Catholic Church.

6th. Advises that there be one established on Riding Mountain, under the Presbyterian Church.

The report says:—'The importance of denominational schools at the outset must be obvious. . . . Where, however, the poor Indian has been brought face to face with polemics and settlements are divided, or think they are divided, on metaphysical niceties, the school should be, as at the White Earth Agency, Minnesota, undenominational.' It further advises 'that, as bands become more amenable to the restraints of civilization, education should be made compulsory.' Also that 'the character of the teacher, morally and intellectually, is a matter of vital importance; if he is morally weak, whatever his intellectual qualifications may be, he is worse than no teacher at all; if he is poorly instructed or feeble in brain, he only acts every day an elaborate farce.' The report also advises competent inspection and that special advantages be given to boys and girls showing special aptitudes, and finally that, 'the salary of a teacher must be such as will induce good men to offer themselves' 'in the future when the manual labour boarding schools are established institutions, these teachers, who manage these schools in a manner toward self-support, should have a percentage in the reduction in the cost of management.'

The report formed the basis, apparently, of the action taken subsequently in 1883, when a grant of \$44,000 was made by parliament to establish three industrial schools.

In the annual report of 1881, Commissioner Dewdney states that he hopes to have selections made of localities for the three proposed industrial schools.

On July 10, 1883, an order in council was passed adopting the recommendation of a report of the Superintendent General of Indian Affairs by the Deputy, Mr. Van-koughnet, in which it was ordered:—

1st. That the Government buildings at Battleford be at once utilized for the purpose of a Protestant institution, and that the Rev. T. Clark be appointed principal at a salary of \$1,200.

2nd. That the staff consist of an assistant to the principal, a matron, a farmer and a cook, and that the assistant be a layman.

3rd. That the Commissioner determine whether the pupils be taken from one tribe, or independently from all the bands in a given area.

4th. That the Commissioner be charged with the duty of seeing that the buildings are fitted up.

5th. The minister recommends that a Roman Catholic industrial school at or near Qu'Appelle be established with the same staff as at Battleford, and that the selection of the principal be left with the Archbishop of St. Boniface.

6th. The minister also recommends that a Roman Catholic industrial school be established at some point in Treaty 7, and that the selection of the principal be left to the Bishop of St. Albert.

7th. That the Commissioner's attention be especially drawn to the confidential report of Mr. N. F. Davin on the subject.

The maintenance of the industrial schools from the period of their establishment in 1884 was resumed wholly by the department; while on October 22, 1892, an order in council was passed, intended to regulate the matter of their expenses. This document, which since then has governed generally the management of the industrial schools, is so important that it is inserted here:—

The following is a copy of the order in council of October 22, 1892, providing for the carrying on of industrial schools in Manitoba and the Northwest Territories:—

'On a report dated 17th October, 1892, from the Superintendent General of Indian Affairs stating that it is advisable to make a change in the manner of carrying on those industrial schools in the Northwest that are wholly supported by the government. The cost of those institutions is larger, it is thought, than that for which they might be conducted, and with a view to more economical management it is advisable and necessary to adopt some method which would relieve the pressure of the present expenditure and at the same time keep up the schools to an equal standard of efficiency and usefulness.'

'The minister considers that when the whole cost of an institution is directly borne by the government the same economy by those in immediate charge is not used as would be employed under other conditions. Demands, under the present system, are frequently made for articles and supplies, whereas if the amount to be expended were to take the form more of an annual *per capita* grant, more effort in the way of economizing would be made.'

'The minister states that the actual cost to the government, as shown under the head of industrial schools, does not represent the total expenditure which the present system entails, as there is a small expense in the purchasing and inspection of supplies to be added.'

'The accounts for the past year (1890-91) show that the *per capita* cost of each child at the industrial schools under consideration was:—

Qu'Appelle	\$134 67
Battleford	175 45
High River	185 55

'The rate *per capita*, it is thought, is higher than it would be if a forced system of economy were exercised, and that the best way to effect the desired decrease would be to place the schools under a *per capita* grant system similar to that now in operation at Elkhorn and St. Paul's under Church of England authorities, St. Boniface and Kootenay under Roman Catholic Church authorities. The *per capita* system under which these schools are operated by religious bodies has been found to work satisfactorily.'

'The minister therefore recommends that the following be applied to the industrial schools in operation in the Northwest Territories, and to such other similar institutions as may hereafter be established, as soon as, in the opinion of the Indian Department, said institutions are in proper running order, at rates to be fixed upon as being fair and just, viz.:

1. 'The buildings are to be kept in repair jointly by the government and the management, the former to furnish the material and the latter to perform the labour.
2. 'All books and appliances, that is, maps, globes, &c., for educational purposes, to be furnished by the government.
- (3) 'All charges for maintenance, salaries and expenses to be paid by the management, out of the *per capita* grant.
- (4) The management not in any event to charge children or their parents for being allowed to attend such institutions.
- (5) 'The government to pay to the management an annual grant for each pupil up to the number authorized by the Indian Department, as represented by the commissioner, at the following rates:—

Qu'Appelle.....	\$115 00
Regina.....	120 00
Battleford.....	140 00
High River.....	130 00

(6) 'For this consideration the management shall agree to conform to the rules of the Indian Department, as laid down from time to time, and to keep the schools at a certain standard of instruction, dietary and domestic comfort, and that the inspectors and officers of the Indian Department may at any time inspect and report upon the institutions.

(7) 'Payment to be made only for children authorized by the commissioner to be admitted, and in accordance with the scale now governing payments to schools under the *per capita* system, which may be altered from time to time to suit circumstances, and no children, white or Indian, are to be admitted save under authority of the commissioner.

(8) 'The minister deems it desirable to put this system into operation after a reasonable time is given to the Church authorities, and he recommends that the first of July, 1893, be fixed as the date upon which the *per capita* allowances shall commence to be payable.

'The committee submit the above for Your Excellency's approval.'

In addition to the *per capita* grant, the following concessions have been made to schools established under the above order in council:—

1. That account books, stationery and an allowance for postage will be given those institutions.
2. That strict accounts of all expenditure incurred on behalf of each school, supported by vouchers, will be required by the department to be kept in each institution, and at the expiration of each year, a revision of the rate of capitation may be made should it appear that such a step is considered necessary.
3. In the event of pupils over and above the number already authorized and estimated for on the capitation system, being admitted into a school, and for whom no provision has been made, beds for occupation by such additional pupils are to be given by the department, if they cannot be made in the institution.
4. In the event of the erection of new buildings at the expense of the department becoming necessary, the cost of the heating apparatus to be included in such cost.

5. Agricultural and other implements, when considered by the department as being unfit for further use, may be disposed of by the officers of the institution in such manner as may be thought proper by them.

6. The department will agree to provide sufficient grazing land for use of each institution.

7. The department agrees to provide sufficient fencing material for the first inclosure required, but the fences must be renewed at the expense of the institution.

8. Medical attendance as directed by the commissioner for the pupils of each institution will be provided and paid for by the department.

9. An advance of a sum to be agreed upon will, until further advice, be made by the department to each institution at the commencement of each quarter, to admit of the current expenses of that quarter being defrayed.

Such then was the beginning of what may be called secondary school education amongst the Indians of the Northwest, and this, as will be noticed, was coincident with the construction of the Canadian Pacific railway, which was completed across the prairie and which event the commissioner states would facilitate the movement of pupils and supplies.

TABLE II.—Statement giving the Population, Indians of School Age, and Schools and Attendance, within the different provincial areas of the Northwest in 1905-6.

MANITOBA.					
Agency.	Report, 1905-6, Population.	Children from 6 to 15.	Industrial and Boarding Schools.	Average Annual Attendance.	Year established.
Treaty I— Lower Lake Winnipeg Agency...	2,504	471	Brandon, (M.) Elkhorn, (C. E.)	91 71	1896 1888
Treaty II— Lake Manitoba Agency.....	727	164	Cecilia Jeffrey, (P.) Rat Portage, (R. C.) Fort Alexander, (R. C.)	31 28 45	1902 1897
Treaty III— Buffalo Bay Agency.	26	4	Norway House, (M.)	51	1890
Treaty IV— Bull Agency.....	1,217	274	Portage la Prairie, (P.) Sandy Bay, (R. C.) Pine Creek, (R. C.)	23 35 66	1891 1903 1890
Treaty V— Lake Winnipegosis Agency..... Sioux near Portage la Prairie....	3,479 121	796 17	Birtle, (P.)	44	1888
	8,074	1,726		479	

SASKATCHEWAN.					
Treaty VI— Felly Agency..... White Bear Agency. Crooked Lake Agency.....	628 189 534	187 36 109	Industrial— Qu'Appelle, (R. C.) Regina, (P.) Battleford, (C. E.)	206 56 71	1884 18'2 1884
Qu'Appelle Agency..... Assiniboine Agency..... Touchwood Hills Agency..... Duck Lake Agency..... Carlton Agency .. Battleford Agency..... Onion Lake Agency.....	860 313 520 945 1,608 886 942	140 26 85 228 413 139 141	Boarding— Round Lake, (P.) Cowessia, (R. C.) Fido Hills, (P.) Gordon's, (C. E.) Muscowequan, (R. C.) Thunder Child, (R. C.) Duck Lake, (R. C.) Prince Albert, (C. E.) Isle à la Crosse, (R. C.) Crowstand, (P.) Keesekoos, (R. C.)	30 44 16 24 31 20 100 48 28 47 22	1887 1898 1889 1892 1889 1895 1889 1897 1889 1903
	7,425	1,504		735	

TABLE II.—*Con.*—Statement giving the Population, Indians of School Age, and Schools and Attendance, within the different provincial areas of the Northwest.

ALBERTA.

Treaty VI— <i>Con.</i>			Industrial—		
Ermineskin's Agency	694	123	High River, (R. C.)	77	1885
Saddle Lake Agency	787	126	Calgary, (C. E.)	18	1896
Hobbema Agency	681	113	Red Deer, (M.)	83	1893
Treaty VII—			Boarding—		
Blackfoot Agency	803	129	Peigan, (C. E.)	26	1893
Sarcee Agency	203	29	Sacred Heart, (R. C.)	28	1895
Stony Agency	660	156	St. Pauls, (C. E.)	36	1893
Peigan Agency	493	87	Blood Reserve, (R. C.)	38	1898
Blood Agency	1,181	236	Sarcee, (C. E.)	15	1895
			Morley, (M.)	33	1887
			Blackfoot, (C. E.)	31	1884
			" (R. C.)	30	1900
			Hobbema, (R. C.)	50	1895
			St. Albert, (R. C.)	64	1889
			Saddle Lake, (R. C.)	34	1893
			Union Lake, (C. E.)	11	1891
			" (R. C.)	33	1894
	5,512	999		612	
Grand total	21,011	4,212			

The total number in attendance at the industrial and boarding schools visited by me is thus seen to have been 1,826 in 1905-6; while the actual number of those present in all these in 1905-6 was 1,999. This with the total number, 694, registered at the 74 day schools in 1905-6, gives the total school attendance in schools of every class as 2,691.

TABLE III.—Statement showing Amount of School Grant and Number of Pupils in attendance in 74 day schools in 1905-6.

	Approp. for Sal. or Annual Grant.	On Roll.	Attendance.
Manitoba	\$ 13,430 00	1,071	476
Saskatchewan	5,760 00	323	138
Alberta	2,700 00	186	80
	21,890 00	1,580	694

While the legal school age for admission is from 7 to 16 years, yet children are admitted at 6 years, and are regularly graduated from the industrial and boarding schools at 18 years, but the number of persons between the ages of 7 to 17 inclusive in an average population of 21,011 would be about 5,100, so that taking the average attendance in all schools as 2,691, this amounts to but 52 per cent of the Indian pupils of the ages between which children actually attend school.

Reverting to the boarding and industrial school attendance, it is found that a remarkable change has taken place in the relative numbers, during the past six years.

TABLE IV.—Statement of Attendance at Industrial and Boarding Schools in 1900 and in 1906.

Territory.	Industrial Schools.		Boarding Schools.		Total School Attendance.	
	1900	1906	1900	1906	1900	1906
Manitoba	394	195	153	420	547	615
N. W. Territories.	624	498	993	1,319	1,617	1,817
	1,018	693	1,146	1,739	2,164	2,432

Thus while the total industrial and boarding school increase during the six years was 268, the decrease in the industrial schools was 325. Where the falling off has been is seen in the following figures:—

TABLE V.—Statement giving Attendance at the various Industrial Schools in 1900 and 1907, at time of visit.

Name of School.	1901	1907	Name of School.	1901	1907
Battleford	99	59	Red Deer	59	57
Calgary	40	19	High River	84	83
Elkhorn	63	90	Qu'Appelle	216	235
Regina	104	56	St. Boniface	95	closed.
Brandon	102	115	Rupert's Land	112	"
	408	339		566	375

THE CONDITION OF THE SCHOOLS ON INSPECTION.

According to instructions I visited the industrial and boarding schools of Manitoba and the Territories, during the months of March, April and May, inspecting 35 in all and omitting the Pine Creek and Sandy Bay boarding schools in Manitoba, and those of Kenora and Cecilia Jeffrey in Ontario, which could not be reached on account of freshets and ice. Neither were the schools at Fort Chipewyan and Wabiscow Lake visited. Summarized details with regard to the several schools will be found in tables VII. and VIII. of this report, and in yet more detail in the original notes herewith transmitted. As might be expected from the history of the schools, very great differences exist, first in the age and character of the buildings, and secondly in the internal school and dormitory space and in their sanitary and general equipment. But as regards the general efficiency and even the health of the children, it has been found that the extent of the buildings, and even the number of the staff, are by no means necessarily the measure of the success of any particular school either as regards the numbers in attendance, the health of the pupils or the discipline and effectiveness of the schools.

THE INDUSTRIAL SCHOOLS.

The industrial schools now in operation, the details of the inspection of which will be found in table VII., appended to this report, are eight in number, and, as has been already pointed out, have been carried on, some of them since 1884 at the cost of the government, and with a large aggregate annual expenditure. The total amount

expended upon those in operation was \$134,635.98 in 1905-6. The original idea seems to have been to have them fairly convenient to the railway, and yet at points about which there would be a group of reserves, and from which their pupils were to be drawn.

As has been already statistically pointed out, there has been a very notable falling off in the number of pupils since 1901, and this tendency seems rather to increase than diminish. The reasons seem chiefly to be:—

1. The distance of the schools from the reserves.
2. The ineffectiveness of the staff in several instances.
3. The lack in practical success of the pupils after graduation.
4. The dependence of the number of pupils upon the co-operation of the staffs of the boarding schools and upon the canvassing activity of the principles of the industrial schools.
5. The lack of interest of Indian agents in schools at great distances from their particular reserves.
6. The dislike of the parents to have their children so far from home.
7. The great increase and enlargement of the boarding schools on or near the reserves.

With, perhaps, the exception of that of Brandon school, every principal expressed the same opinion regarding the difficulty of obtaining and retaining pupils, and all seem to feel that the obligation, in practice if not in theory, which is placed upon them of gathering pupils is not only disagreeable, but is further one which takes them from their proper duties as administrators of the school. However much force there may be in this contention, the fact yet remains that it is only in four instances, those of Qu'Appelle, High River, Brandon and Elkhorn, that the schools as regards either numbers or effectiveness can be said to have held their own, and that it is only in these that efficient staffs, energetic principals and good discipline are to be found. When so remarkable and successful a principal as Rev. Father Naessens, of High River, has to say that he finds it difficult to maintain the number of his pupils, although situated within the area whence he can draw from three of the largest reserves, the Blackfeet, Bloods and Peigans, on all of which there are Roman Catholic boarding schools, and when he says he is now convinced that his school in order to do the best for his pupils, ought, contrary to his former view, to be situated on or adjoining some reserve, it seems evident that with boarding schools increasing in numbers and in efficiency, the successful continuation of the industrial schools under the present form must become increasingly difficult and expensive.

THE BOARDING SCHOOLS.

The origin and history of these schools, which have grown up as it were between the two original types of schools, the day and the industrial, is most interesting and instructive. The details of the inspection of these schools will be found in table VIII., appended to this report. A reference to table I will show that in 1886 scarcely a single boarding school existed and that to-day we find their number to be 38, with a total cost to the department of \$98,688, and the total pupils 1905-6, 1,739 as compared with (see tables III. and IV.) 694 in 74 day schools, and 693 in 8 industrial schools. It seems evident, therefore, that there are in these boarding schools some strong essentially vital forces which have enabled them to force their way into their present dominant position. Summarized, these seem to be:—

1. Their location on, or in immediate proximity to, some Indian reserve.
2. That with a few exceptions they have attached to them considerable tracts of land, and are engaged in some instances even more successfully than the industrial schools in agricultural operations and practical outdoor work.
3. That their principals or some members of their establishment, being usually missionaries, are more or less constantly and closely in touch with the parents, whose

children are to keep up the supply of pupils, and who, if they be of the right spirit, are constantly cultivating an interest in and sympathy for the school amongst the members of the band, such as is impossible for the principals of industrial schools unassociated with the reserves and long distances from them.

4. The influence of a good master and spiritual adviser follows him, the pupil, to the reserve, where he is encouraged and directed in establishing himself in his future occupation on the reserve.

5. The usually smaller schools, less complex in their organization, possess more of the elements of the family life of a home, and necessarily the influence of the principal, matron and staff is greater in the degree that their personality enters into the life of the pupil.

THE HEALTH OF THE PUPILS OF THE INDUSTRIAL AND BOARDING SCHOOLS.

When we know that it is only within the last ten years that what is known as the 'medical inspection of schools' has been undertaken in the largest urban populations of this continent, it might be said that it is not to be wondered at that in our Indian schools but little of this work could hitherto have been expected. But the circumstances in the two cases are quite different. In the public school everywhere the child returns to its parents at night and they are naturally chiefly responsible for its health. On the other hand, our industrial and boarding schools have been for the full term of residence in them the home of the child, and for his health the staff of the school is immediately responsible. Not only so, but this fact has been recognized by the government, which has for many years appointed and paid medical officers for supervising the health of the children. Nevertheless, it was natural, under what may be termed the accidental circumstances under which, especially the day and boarding schools were begun, and owing to the lack of any system under which they came under government inspection that those teachers accustomed daily to mingling with the Indians in camp would not exercise any fine discrimination as to the degree of health of those admitted to school. When in addition, in almost every instance, it was found difficult to maintain the school attendance up to the number allowed upon which the per capita payment was made, it is not surprising that cases of scrofula and other forms of constitutional disease were admitted into the schools. Such cases, under the defective sanitary condition of many schools, especially in the matter of ventilation, have been the *foci* from which disease, especially tubercular, has spread, whether through direct infection, from person to person, or indirectly through the infected dust of floors, school-rooms and dormitories. That the actual situation has not been fully realized, either by the staffs of the schools or by the medical officers except in a few instances is shown by the reports received from month to month and year to year by the department. This fact was fully borne out by my own experience during the recent inspection. Principals and teachers and even physicians were at times inclined to question or minimize the dangers of infection from scrofulous or consumptive pupils and nothing less than peremptory instructions as to how to deal with cases of disease existing in the schools will eliminate this ever-present danger of infection.

One of my special instructions was to obtain a statistical statement of the past history and present condition of the health of the children who have been pupils at the different schools. A list of questions was, therefore, left with each principal, requiring that they be answered and sent directly to my address in Ottawa. It is to be regretted that more have not, up to date, been received, but the following table from fifteen schools supplies much valuable information and food for thought.

TABLE VI.—Statement giving the Physical Condition of Present

Boarding Schools.	When established.	Total Admissions.	Condition of Pupils now in Schools or Discharged.		
			Good.	Sick.	Dead.
Birtle	1888	187	42	6	.....
File Hills	1889	31 Ex-pupils	.....	.....	.....
Emmanuel College (Prince Albert)...	1889	151	71	17 41 at school. 22 unknown.	1
Church of England (Blood Reserve)...	1891	82	54	7	5 unknown.
" " (Peigan Reserve)...	1892	119	.....	.....	.....
" " (Sarcee)	1892	57	22	12	10 died within few weeks of leaving.
Onion Lake (Church of England) ...	1893	61	.....	.....	.....
Blackfoot " "	1893	129	54	18	11
Blood " (Roman Catholic)	1898	71	.....	.....	.....
Peigan " "	1896	56	.....	.....	.....
Ermine Skin " "	1895	124	.....	.....	.....
St. Albert Orphanage " "	1887	254	208	46	.....
Onion Lake " "	1894	124	49'40	29'16	10'80
Muscowequan " "	1889	64	.....	.....	.....
Keeseekeose " "	1905	30	.....	.....	.....

Allowing for the defective way in which the returns have been made, some returning the present condition of all pupils in school and of all discharged as far as ascertained, while others have returned only the status of ex-pupils, it appears that of 1,537 pupils returned from 15 schools which have been in operation on an average of fourteen years, 7 per cent are sick or in poor health and 24 per cent are reported dead. But a close analysis of some of the returns reveals an intimate relationship between the health of the pupils while in the school and that of their early death subsequent to discharge. Thus, of a total of 31 discharged from the File Hills school, 9 died at the school, of 6 others there is no record of condition on discharge, but all are reported to be dead, 7 others died from within a few months to three years after discharge and 9 are reported as in good health, 7 being farmers or their wives at the File Hills Colony, 1 a student, and 1 at Côté's reserve. It is most interesting to note that but 7 have been discharged during the past 5 years and that of these 5 are File Hills Colony farmers, and 2 are dead. In every instance where the cause of the 21 deaths was known, it is given as consumption or tuberculosis. I have referred in detail to this school because of the definiteness of statement made, giving an accurate picture of a school probably no worse than many others, and within the last 5 years, under its present management, notably better than many others. Changes in the principal and staff of a school and lack of interest in discharged pupils make many school records defective, and nothing less than a carefully carried out correspondence could give us absolute data regarding all the discharged pupils of the schools. It suffices for us to know, however, that of a total of 1,537 pupils reported upon nearly 25 per cent are dead, of one school with an absolutely accurate statement, 69 per cent of ex-pupils are dead, and that everywhere the almost invariable cause of death given is tuberculosis. Wherever an answer is given to the question, 'Condition of child on entry?' it is either not answered or given as 'good'; so that we have during a fifteen year period of school history, a study full of information from the medical standpoint. A reference to the details contained in tables VII. and VIII. show that with but two or three exceptions no serious attempt at the ventilation of dormitories or school-rooms has hitherto been made; that the air-space of both is, in the absence of regular and sufficient ventilation, extremely inadequate; that for at least 7 months in the long winter of the west, double sashes are on the windows in order to save fuel and maintain warmth and that for some 10 continuous hours children are confined in dormitories, the air of which, if pure to start with, has within 15 minutes become polluted, so as to be capable of detection by ordinary chemical tests. It is apparent that general

and Discharged Pupils of Indian Industrial and Boarding Schools.

Present Condition of all Pupils.						Present Condition of Ex-Pupils.					
Good.		Sick.		Dead.		Good.		Sick.		Dead.	
Number of pupils.	p.c.	Number of pupils.	p.c.	Number of pupils.	p.c.	Number of pupils.	p.c.	Number of pupils.	p.c.	Number of pupils.	p.c.
112	60	58	9	57	30						
99	65	20	15	32	20	9	29	1	3	21	69
48	58	8	9	26	30						
32	16	7	5	48	30	Unknown, 22		19			
32	56	5	8	20	35						
52	85	2	3	7	5-11						
70	54	8	7	51	40						
54	76	2	2	14	20	1 unknown.					
36	62	4	7	16	30						
72	57	28	20	14	11	7 unknown.					
195	76	18	7	38	15	8 unknown.					
84	67	11	9	25	20						
39	60	7	10	10	18						
25	83	4	3	4	13						

ill health from the continued inspiration of an air of increasing foulness is inevitable; but when sometimes consumptive pupils and, very frequently, others with discharging scrofulous glands, are present to add an infective quality to the atmosphere, we have created a situation so dangerous to health that I was often surprised that the results were not even worse than they have been shown statistically to be. On the other hand, there were two or three instances where the knowledge that fresh air or oxygen is life has been positively realized, and where fresh air is allowed to so pour into the dormitories that the air breathed is that of the outer atmosphere. One principal in an otherwise indifferent old school building said: 'The medical officer has not been here for eighteen months, for no one has been sick, for when the wind is in the east we open the west windows and when in the west we open the east and leave them open all night.' But, however far one particularly clear-headed man may push this modern gospel of fresh air, it is apparent that it is everywhere the old-fashioned buildings, their very varied and imperfect methods of heating and an almost complete lack of a knowledge of the meaning of ventilation and of methods for accomplishing it in the different schools, that are responsible for this most serious condition which has been demonstrated and which demands an immediate remedy.

What further was very noticeable was the almost complete absence of any drill or manual exercises amongst the boys or calisthenics or breathing exercises amongst the girls. One would suppose that in boarding schools the need for such exercises would be looked upon as an elementary necessity; but it was found that it was only in some isolated cases that it had ever been heard of or put into practice. And yet the disciplinary value of such exercises, apart wholly from their health value, is so obvious that one was not surprised at the remark of that remarkable woman the Mother Superior of the St. Albert Orphanage, who said that the musical tambourine drill (which I had the pleasure of witnessing) was the first means she had discovered of making the Indian children stand erect and raise their eyes. Perhaps however, remembering the very varied types of teachers, the difficulty often experienced in obtaining permanent ones of high quality, and the sources from which they are drawn, it may be expecting too much to suppose that so elementary a necessity of school hygiene as physical exercises should have been a regular part of the course in these schools.

PETER H. BRYCE,
Chief Medical Officer.

OTTAWA, June 19, 1907.

TABLE VII.—REPORT ON THE INDUSTRIAL INDIAN SCHOOLS

	Brandon.	Elkhorn Industrial, Church of England.	Qu'Appelle Industrial, Roman Catholic.	Regina Industrial School.
Material in building.	Brick and frame.	Brick.	Brick.	Brick.
Heating.	Furnace.	Hot water boilers and some stoves.	Steam.	Furnaces.
Water.	Wells and windmills.	Well and gasoline pumping engine, 1½ h. p.	Lake Qu'Appelle and well.	Wells unsatisfactory. No soft water.
Sewerage.	Outdoor earth closets.	Outdoor earth closets.	Water closets in- doors, separate tank.	Baths and sinks drain to cesspool. No in- door closets, out- side box closets.
Ventilation.	Smear Dowd system on bluff.	Most windows vented in central shaft in part.	Very inadequate small vents in large dormitories.	No special attempt at ventilation.
Location.	Overlooking Assini- boine at Brandon.	Near Elkhorn town.	Beautiful location in Qu'Appelle valley.	Fine site near creek.
Land.	320 acres.	380 acres.	5 acres in valley, 2 section on bluff.	920 acres two miles from Regina.
Cultivation.	166 acres.	75 acres in addition to grounds.	350 acres.	131.
Products.	See annual report. Wheat, barley, oats, &c.	1,200 bush. wheat, 610 oats, 300 barley, 350 potatoes, and vegetables.	130 wheat, 125 oats, barley, potatoes.	2,300 oats, 80 barley, 1,500 wheat, 300 potatoes.
Grant.				Wholly by govern- ment.
Fire-escapes.	Pipe with hose.	McRobie's, 2 habscocks hose to all floors.	McRobie, extra es- capes to verandah.	McRobie fire extin- guishers.
Established.	1887.	1888.	1884.	1891.
Founder.	By government. Staff (8).	By government. Staff (10). Total salary, \$5,818.	By government. Staff (16).	Government. Staff (8).
Accommodation.	25.	100.	230.	100.
Attendance.	98.	97.	235.	56.
School population.	Not on reserve.	Not on reserve.	Near reserve.	Not on reserve.
Age of pupils.	4 to 18.	12 to 18.	7 to 18.	10-18.
Number entered, 1906-7.	4.	Two or three.		4.
Discharged, 1906-7.	3 to leave for colony. 2 tubercular phthi- sis.	7 discharged, none on account of sickness.		5.
No. tuberculized.	2 with glands, 2 with eye trouble.	Two (2).	15 sick with scrofula and 1 consumptive.	4 scrofula.
Deaths, 1906-7.	None.	One (1).		One (1).

OF BA, SASKATCHEWAN AND ALBERTA.

Battleford Industrial, Church of England.	High River Industrial.	Calgary Industrial School.	Red Deer Industrial School, Methodist.
Frame.....	Brick ven. (girls), frame (boys).	Stone, not in good condi- tion, floors mostly good.	Stone and brick well con- structed.
Furnace and stoves....	Furnace and stoves.....		
Wells pumped to tank.	Well engine pumps to tanks.	2 Pease combined hot air and water. Had to close up rooms. (Cold). Well (good).	Smead Dowd in parts and stoves. H. P. pump from wells to tank water to basins in kit- chen.
Outdoor privy vaults..	Baths and basins indoors, w. c. in dormitories, outdoor earth closets.	W.C. sewer to river, pro- tected against reflex in high water.	Outdoor dry earth closets.
Windows and openings in attic. Not good.	Windows, 2 stoppers in chim- neys closed very inadequate.	No special means but win- dows. Air space ade- quate for number pre- sent.	Smead Dowd in partial operation in many rooms very defective.
'Beautiful' on bluff over Battle river.	In beautiful valley of High River.	4 miles from Calgary in valley of Bow river.	Beautiful location on banks of Red Deer.
640 acres.....	100 acres mostly in valley and balance of 1,550 is bluffs.	275 acres.....	640 acres for hay, plus 500 acres.
About 100.....	138 acres.....	About $\frac{1}{2}$ cultivated. No school this year, all boys working.	325 acres.
60 Acres, 6 acres of gar- den and potatoes.	14 acres wheat, 1,000 tons hay, 20 acres turnips, 60 acres of oats, 34 acres bar- ley and large garden.	See annual report.....	2,000 wheat, 2,000 oats, 1,000 barley, 1,500 pota- toes, 25 flax.
Tank fire hose, broad gallery. Good.	Tanks, pipes and hose, bab- cock extinguisher.	Standpipe and hose from tank, also fire extin- guishers.	None, except stairs and windows to balcony.
1884.....	1884, 1890 (boys).....	1896.....	1893.
Government. Staff (9).	Government. Staff (10).....	By government. Staff (5).	By government (cost \$60,- 000). Staff (7).
80.....	125.....	40 allowed, 45 in June, 1898.	80.
59.....	45 (boys), 38 (girls).....	19 boys.....	78, July, 1906.
Not on reserve 15 miles from nearest.	Not on reserve. Difficult to get. Pupils rather decreas- ing in number.	Not on reserve, nearest 13 miles.	Not near any reserve.
6-18.....	14-19.....	13-18.....	
4.....	Three (3).....	None. Reduced from 27 to 16.	
Number grown up and left last year.	7 discharged.....	11, 1 ran away, 1 stole horses.	
None noticed, 10 with <i>impetigo contagiosa</i> .	7 girls, 4 boys.....	Two (2), (1 one sent to Morley Sanatorium).	Four with scrofulous glands (4).
	No deaths in last two years..	One died (1).....	Six died (6).

REPORT ON THE INDIAN SCHOOLS OF MANITOBA AND THE NORTHWEST TERRITORIES.
TABLE VIII.—STATEMENT SHOWING SUMMARY OF CONDITIONS ON INSPECTION OF 25 BOARDING SCHOOLS.

Name.	Material in building.	How heated.	Source of Water Supply.	Method of Sewage Disposal.	Quality of Ventilation.	Location.	Amount of Land.	Amount Cultivated.	Amount of Products.	Fire Protection.	When begun.	By whom built.	Accommodation.	Present Attendance.	Present School Population on Reserve.	Age of Pupils.	Number entered 1906-1907.	Number discharged 1906-1907.	How many Tubercularized.	How many Died 1906-1907.
Murley.	Frame addn. 1900; very much out of repair; floors old.	2 very old furnaces.	Spring; flows to building.	W. C. indoors, drain to ravine. Also outdoor W.C. Baths.	Very poor; 1 fresh air pipe, 3-in., drawing foul air to furnace to be reheated.	On a hillside, 6 miles from Murley Stn.	1,437 stony.	Only 10 acres. Hopes to have 100 acres; green fodder.	No statement; garden stuff.	Pipe and hose.	1887.	Methodist Ch.	45 allowed. Boys' ward now overcrowded with 16.	16 boys; 17 girls.	100 pupils.	6 to 18 years.	7 pupils.	3 pupils.	5 by exam. Dr. Lafferty reports 20 per cent.	None.
Sarcee Bdg. Schl.	Old frame building.	Stoves.	Water by pipe to kitchen from windmill; this out of order.	Buckets to carry away slops; outdoor earth closets.	Old, small windows in low dormitories.	On Sarcee reserve in a valley of Elbow.	Small garden.	Only the garden.				By C. E.	25 allowed.	5 boys; 6 girls.	12 on reserve, not at schl.	6 to 14 years.	1 pupil.		1 died after being sent home.	1 died. A number died in 1905-6 of T.B.
Blackfoot. (Old Suna) C.E. Bdg. Schl.	Frame.	Stoves.	Wells; all bad.	Outdoor privies.	Only windows; very defective; crowded dormitories.	On river bottom.	On reserve, 7 acres.	2 acres.	Only garden stuff.	1884 old bldg.; 1894 boys' bldg. closed in 1901.		By C. E.	50 allowed.	17 boys; 18 girls.		6 to 15 years.			Only 3 pupils not under care of physician. Most are tubercularized. So many were sick at hospital that the classes were interrupted.	1.
Blackfoot. (Crowfoot) R.C. Bdg. Schl.	Frame.	1 furnace; rest stoves.	1 well; not used; has caved in; water brought 1 mile from river.	Outdoor privy closets.	Only windows; no evidence of any attempt to ventilate.	In valley of Bow river.	5 acres.	3 acres garden; 2 potatoes.	Only garden produce.	No fire-escapes, except inside stairs.	1900.	By R.C.; govt. gave \$2,500.	30 allowed.	33 pupils.		6 to 16 years.			Health fair; general health indifferent.	
Blood (St. Paul) C.E. Bdg. Schl.	Frame and logs.	Stoves.	Good driven well in gravel.	Outdoor privies.	Only windows; no attempt at adequate ventilation.	In valley of Belly river opposite Blood reserve.	161 acres.	25 ac.; 2,500 trees planted; grounds graded.	Garden products and oats.	No fire-escapes, except inside stairs; no extinguishers.	1893.	By the Ch. of England.	80 pupils.	33 pupils.	162 pupils.	6 to 17 years.			No sickness this year says Dr. Edwards.	None.
Blood (R.C.) Bdg. Schl.	Frame.	2 furnaces.	Well with force pump to kitchen.	Outside privies.	Windows; vents in attic closed.	In valley of Belly river, on reserve.	10 acres.	8 acres.	2 acres of garden; 6 potatoes.	None except inside stairs.	In 1885 a mission. Present school, 1895.	By R.C. Ch.	42 pupils.	42 pupils.	162 pupils.	6 to 17 years.			Health good, according to Dr. Edwards.	None.
Peigan (C.E.) Bdg. Schl.	Frame.	Pease furnaces.	Good well.	Outdoor privy vaults.	Windows and vents into attic either end. Attic windows open; good attempt.	On Powder creek, just outside res'v.	40 acres.	Only 2 ac. (garden) cultivated.	Garden produce.	Only inside stairs.	1898; previously a mission and day school.	By the Ch. of England.	30 pupils.	31 pupils.		6 to 17 years.			3 with scrofulous glands.	2.
Peigan (Sacred Heart) R.C. Bdg. Schl.	Frame.	Stoves.	Good well.	Outdoor privies.	No attempt at ventilation. Crowded dormitories.	In valley of Old Man's river on reserve.	2 acres.	2 acres.	Garden products.	Only inside stairs.	1897; previously was a mission and day school.	By R.C. Ch.	30 pupils.	34 pupils.		6 to 16 years.			2 with scrofulous glands.	1.
Hobbema (Erminesku) R.C.	Frame.	Stoves.	1 well; cistern in attic.	Outdoor privies.	No ventilation save by one 6-in. duct.	On the reserve.	160 acres.	40 acres.	10 ac. potatoes; garden stuff.	2 canvas tubes; good.	In 1881 was a mission; since 1895 a boarding school.	By R.C. Ch.	50 pupils.	54 pupils.		5 to 16 years.			1 with T.B.; 2 with scrofulous glands.	
St. Albert Bdg. Schl. and Orphanage.	Frame.	Furnaces and stoves.	Well. Engine to tanks; hot and cold water.	Outdoor privies; some indoor closets.	No adequate ventilation; some vents open in ceiling; dormitories all over-crowded.	Beautiful site on bank of Sturgeon river near village of St. Albert.	320 acres.	200 acres.	Bushels:—1,250 barley; 4,520 oats; 1,500 wheat; 2,035 potatoes. (4 men work here)	Outside veranda for escapes; good.	1880.	By R.C. Ch.	230 in all.	68 pupils. (Indians educated in part with whites.)	Not on res.	5 to 18 years.			A number.	
Saddle Lake, R.C. (Blue Quill)	Frame.	Stoves.	3 wells, 1 with broken windmill; not very satisfactory supply.	Outdoor privies.	Windows; have opening into attic—closed, rooms close.	Good site on high ground on reserve.	6 acres.	3 acres; as garden.	Garden stuff.	Outer stairway to lobby.	A mission until 1891.	By Ch.	40.	48.		5 to 16.	3.		6 with scrofulous glands.	
Onion Lake, (St. Barnabas) C. E. Schl.	Frame.	Stoves.	Well in bakery; good supply.	Outdoor privies.	Windows only; girls' school-room crowded; boys' good.	Fine location, near agency on reserve.	10 acres on reserve.	2 in garden; 8 in oats.	Garden stuff.	Fire exting'rs. balconies.	In 1891 a day school bldg. schl. since 1896.	By Ch.	50.	16; also 37 whites and half-breeds.		5 to 17.			1 boy with scrofulous glands.	
Onion Lake, (Sacred Heart) R. C. Schl.	Frame.	Stoves.	Good well and cistern.	Outdoor privies.	Windows; some openings into attic, closed.	Fine location, near agency on reserve.	4 acres.	2 in garden; some oats.	Garden stuff.	No fire-escapes; are fire-exting'uishers.	1895.		60.	35 and 17 half-breeds.		6 to 17.	3.	1.	2.	1.
Thunderchild, (Delmas) R. C. Schl.	Frame.	Stoves.	Well.	Outdoor privies.	Only windows; no attempt at ventilation.	On ½ section adjoining reserve.	100 acres.	Good crops on the farm.	Good crops.	2 exting. inside stairs, no escapes.	1901, a bldg. school originally started in 1879.	By Ch.	20.	22.		6 to 16.			1 with consumption 1 with sc. gids. (both boys.)	
Emmanuel Col. (Prince Albert) C. E. Schl.	Frame.	Stoves.	Wells.	Outdoor earth boxes.	Windows; no special means.	At suburb of town.	200 acres in town; belongs to Ch.	65 acres.	Wheat, oats and vegetables.	No special escapes; only stairs.	1895, a day school.	By Ch.	100.	47.	Not on reserve.	6 to 18.	6 on acct. of poor health.	6 on acct. of poor health.	None present; had been sent away.	1 of T.B.
Duck Lake (R. C. Schl.)	Frame.	3 furnaces.	Wells.	Girls' closets off dormitories but outside. Outdoor privies for boys.	Rooms crowded; air reheated by furnaces. Poor.	Located 1 mile from Duck Lake station.	Govt. land; ½ sec. of Ch. land near by.	60 acres.	300 bush. wheat, barley and oats.	Only inside stairs.	1895.	Was a mission first, then by Govt.	100.	106.	Not very far from res., 2 or 3 whites.	7 to 18.	3.	5 to leave this year.	No scr., 1 with apparent T.B.	1 died of T.B.
Gordon's C. E. Bdg. Schl.	Frame and logs.	Stoves.	Wells.	Outdoor privies.	Only windows; air space good.	On 3½ acres on reserve.	1½ sec. owned by scl. lying 1½ miles distant.	5 acres.	Oats; potatoes and vegetables.	Only stairs.	1890.	Was a church mission first.	35.	29.		6 to 16.	8.	1.	3 with scr., 2 treated in Touchwood Tent Hospital.	
Muscovequan (Touchwood) R. C. Schl.	Stone and logs.	Stoves.	Wells; by windmill to tank.	Outdoor privies.	Windows and attic openings; some attempt at ventilation.	On Ch. land adjoining reserve.	2½ sec.	110 acres.	Bushels. Wheat, 1,600. Oats 1,200. Barley 250. Hay 250 tons, potatoes and vegetables.	Tank in attic with hose; no special protection.	1895.	By Ch.	30.	33.		7 to 18.			3.	
Crooked Lake (Cowessess) R. C. Schl.	Frame.	Steam boiler.	Wells and gas engine.	Outdoor privies, drain to river.	Mainly windows; some vents to attic.	In valley of Qu'Appelle.	½ sec.; 40 acres in valley.	100 acres.	Bushels. Wheat 2,000. Oats 800. Potatoes 400.	Tank in attic with hose; no outside escapes.	1898.	By Ch. asst. by Gov't.	65.	45.		6 to 16.		2 sent to Qu'Appelle for operati'n.	2.	

Schl.	building.	Stoves.	Wells; all bad.	Outdoor privies.	Only windows; very defective; crowded dormitories.	On river bottom.	On reserve.	2 acres.	Only garden stuff.	1884 old bldg.; 1891 boys' bldg. closed in 1901.	By C. E.	50 allowed.	17 boys; 18 girls.	6 to 15 years.	1 pupil.	1 died after being sent home.	A number died in 1905-6 of T.B.			
Blackfoot (Old Sun) C.E. Bdg. Schl.	Frame.	Stoves.	Wells; all bad.	Outdoor privies.	Only windows; very defective; crowded dormitories.	On river bottom.	On reserve.	2 acres.	Only garden stuff.	1884 old bldg.; 1891 boys' bldg. closed in 1901.	By C. E.	50 allowed.	17 boys; 18 girls.	6 to 15 years.		Only 3 pupils not under care of physician. Most are tubercularized. So many were sick at hospital that the classes were interrupted.	1.			
Blackfoot (Crowfoot) R.C. Bdg. Schl.	Frame.	1 furnace; rest stoves.	1 well; not used; has caved in; water brought 1 mile from river.	Outdoor privy closets.	Only windows; no evidence of any attempt to ventilate.	In valley of Bow river.	5 acres.	3 acres garden; 2 potatoes.	Only garden produce.	No fire-escapes, except inside stairs.	1900.	By R.C.; govt. gave \$2,500.	32 allowed.	33 pupils.	6 to 16 years.		Health fair; general health indifferent.			
Blood (St. Paul's) C.E. Bdg. Schl.	Frame and logs.	Stoves.	Good driven well in gravel.	Outdoor privies.	Only windows; no attempt at adequate ventilation.	In valley of Belly river opposite Blood reserve.	161 acres.	25 ac.; 2,500 tons planted; ground's graded.	Garden products and oats.	No fire-escapes, except inside stairs; no extinguishers.	1893.	By the Ch. of England.	80 pupils.	33 pupils.	162 pupils.	6 to 17 years.	No sickness this year says Dr. Edwards.	None.		
Blood (R.C.) Bdg. Schl.	Frame.	2 furnaces.	Well with force pump to kitchen.	Outside privies.	Windows; vents in attic closed.	In valley of Belly river, on reserve.	10 acres.	8 acres.	2 acres of garden; 6 potatoes.	None except inside stairs.	In 1885 a mission. Present school, 1895.	By R.C. Ch.	42 pupils.	42 pupils.	162 pupils.	6 to 17 years.	Health good, according to Dr. Edwards.	None.		
Peigan (C.E.) Bdg. Schl.	Frame.	Pease furnaces.	Good well.	Outdoor privy vaults.	Windows and vents into attic either end. Attic windows open; good attempt.	On Powder creek just outside res'v.	40 acres.	Only 2 ac. (garden) cultivated.	Garden produce.	Only inside stairs.	1898; previously a mission and day school.	By the Ch. of England.	30 pupils.	31 pupils.		6 to 17 years.	3 with scrofulous glands.	2.		
Peigan (Sacred Heart) R.C. Bdg. Schl.	Frame.	Stoves.	Good well.	Outdoor privies.	No attempt at ventilation. Crowded dormitories.	In valley of Old Man's river on reserve.	2 acres.	2 acres.	Garden products.	Only inside stairs.	1897; previously was a mission and day school.	By R.C. Ch.	30 pupils.	34 pupils.		5 to 16 years.	2 with scrofulous glands.	1.		
Hobbema (Ermineskin) R.C.	Frame.	Stoves.	1 well; cistern in attic.	Outdoor privies.	No ventilation save by one 6-in. duct.	On the reserve.	160 acres.	40 acres.	10 ac. potatoes; garden stuff.	2 canvas tubes; good.	In 1881 was a mission; since 1895 a boarding school.	By R.C. Ch.	50 pupils.	54 pupils.		5 to 16 years.	1 with T.B.; 2 with scrofulous glands.			
St. Albert Bdg. Schl. and Orphanage.	Frame.	Furnaces and stoves.	Well. Engine to tanks; hot and cold water.	Outdoor privies; some indoor closets.	No adequate ventilation; some vents open in ceiling; dormitories all over-crowded.	Beautiful site on bank of Sturgeon river near village of St. Albert.	320 acres.	200 acres.	Bushels: 1,250 barley; 4,520 oats; 1,500 wheat; 2,035 potatoes. (4 men work here)	Outside verandah for escapes; good.	1889.	By R.C. Ch.	230 in all.	68 pupils. (Indians educated in part with whites.)	Not on res.	5 to 18 years.	A number.			
Saddle Lake, R.C. (Blue Quill)	Frame.	Stoves.	3 wells, 1 with broken windmill; not very satisfactory supply.	Outdoor privies.	Windows; have opening into attic—closed, rooms close.	Good site on high ground on reserve.	6 acres.	3 acres; as garden.	Garden stuff.	Outer stairway to lobby.	A mission until 1891.	By Ch.	40.	48.		5 to 16.	6 with scrofulous glands.			
Onion Lake, (St. Barnabas) C. E. Schl.	Frame.	Stoves.	Well in bakery; good supply.	Outdoor privies.	Windows only; girls' school-room crowded; boys' good.	Fine location, near agency on reserve.	10 acres on reserve.	2 in garden; 8 in oats.	Garden stuff.	Fire exting'rs. Balconies.	In 1891 a day school bldg. sch. since 1895.	By Ch.	50.	16; also 37 whites and half-breeds.		5 to 17.	1 boy with scrofulous glands.			
Onion Lake, (Sacred Heart) R. C. Schl.	Frame.	Stoves.	Good well and cistern.	Outdoor privies.	Windows; some openings into attic, closed.	Fine location, near agency on reserve.	4 acres.	2 in garden; some oats.	Garden stuff.	No fire-escapes; are fire-extinguishers.	1895.		60.	35 and 17 half-breeds.		6 to 17.	2.	1.		
Thunderchild, (Delmas) R. C. Schl.	Frame.	Stoves.	Well.	Outdoor privies.	Only windows; no attempt at ventilation.	On 1/2 section adjoining reserve.	100 acres.	Good crops on the farm.	Good crops.	2 exting. inside stairs, no escapes.	1901, a bldg. school originally started in 1879.	By Ch.	20.	22.		6 to 16.	1 with consumption 1 with sc. gls. (both boys.)			
Emmanuel Col. (Prince Albert) C. E. Schl.	Frame.	Stoves.	Wells.	Outdoor earth boxes.	Windows; no special means.	At suburb of town.	200 acres in town; belongs to Ch.	65 acres.	Wheat, oats and vegetables.	No special escapes; only stairs.	1895, a day school.	By Ch.	100.	47.	Not on reserve.	6 to 18.	6 on acct. of poor health. 6 on acct. of poor health.	None present; had been sent away.	1 of T.B.	
Duck Lake (R. C. Schl.)	Frame.	3 furnaces.	Wells.	Girls' closets off dormitories but outside. Outdoor privies for boys.	Rooms crowded; air reheated by furnaces. Poor.	Located 1 mile from Duck Lake station.	Govt. land; 1/2 sec. of Ch. land near by.	60 acres.	300 Bush. wheat, barley and oats.	Only inside stairs.	1895.	Was a mission first, then by Govt.	100.	106.	Not very far from res., 2 or 3 whites.	7 to 18.	5 to leave this year.	No scr., 1 with apparent T.B.	1 died of T.B.	
Gordon's C. E. Bdg. Schl.	Frame and logs.	Stoves.	Wells.	Outdoor privies.	Only windows; air space good.	On 3 1/2 acres on reserve.	1/2 sec. owned by sch. lying 1 1/2 miles distant.	5 acres.	Oats; potatoes and vegetables.	Only stairs.	1890.	Was a church mission first.	35.	29.		6 to 16.	1.	3 with scrf., 2 treated in Touchwood Tent Hospital.		
Muscowequar (Touchwood) R. C. Schl.	Stone and logs.	Stoves.	Wells; by windmill to tank.	Outdoor privies.	Windows and attic openings; some attempt at ventilation.	On Ch. land adjoining reserve.	2 1/2 sec.	110 acres.	Bushels. Wheat, 1,600. Oats 1,200. Barley 250. Hay 250 tons, potatoes and vegetables.	Tank in attic with hose; no special protection.	1895.	By Ch.	30.	33.		7 to 18.		3.		
Crooked Lake (Cowassess) R. C. Schl.	Frame.	Steam boiler.	Wells and gas engine.	Outdoor privies, drain to river.	Mainly windows; some vents to attic.	In valley of Qu'Appelle.	1/2 sec.; 40 acres in valley.	100 acres.	Bushels. Wheat 2,000. Oats 800. Potatoes 400.	Tank in attic with hose; no outside escapes.	1898.	By Ch. asst. by Gov't.	65.	45.		6 to 16.	2 sent to Qu'Appelle for operati'n.	2.		
Round Lake, Pres. Schl.	Frame.	Furnace and stoves.	Wells; also river.	Outdoor closets.	Windows only; but left open systematically.	In valley of Qu'Appelle.	320 acres.	100 acres.	All in farm crops.	No special escapes.	1884.	By Ch.	80 (too many)	36.		6 to 18.	None.	None.	None.	
Keesekoose (St. Philippe) R. C. Schl.	Frame and logs.	Stoves.	Wells; insufficient.	Outdoor privies.	Windows only.	Adjoining Keesekoose reserve.	160 acres.	30 acres.	Wheat, oats, barley and potatoes.	No special provision.	1901.	By Ch.	30.	25.		6 to 16.	None.	None.	None.	
Crowstand (Pres.) Bdg. Schl.	Frame.	Furnace.	Wells and windmill.	Outdoor privies.	Windows and vents shafts from most rooms; fair.	On brow of hill overlooking Assiniboine river. On farm adjoining reserve.	380 acres.	75 acres.	Bushels. Wheat 725. Oats 2,200. Barley, —	No special provision.	1889.	By Ch.	50.	45.		6 to 17.	2.	3.	None.	
File Hills (Pres.) Bdg. Schl.	Frame and stone.	Stoves.	Wells; inadequate.	Outdoor privies.	No special ventilation.	On File Hills' reserve.	250 acres.	75 acres.	Wheat, 300. Oats, 700.	No special provision.	1889.	By Ch.	25.	22.	A good number.	4 to 18.	4.	3; leave for colony.	2 Tub. 2 scrf. glands. 2 eye trouble.	None.
IN MANITOBA.																				
Portage la Prairie (Pres.) Bdg. Schl.	Frame and brick.	Furnace.	Wells.	Outdoor closets.	Fair. Some air reheated and then breathed.	On suburbs of town.	2 acres.	Only garden plot.	Vegetables.	2 exting. No other provision.	1895.	By Ch.	25.	26.	Not near reserve.	6 to 17.	1.	2.	1.	
Birtle (Pres.) Bdg. Schl.	Stone.	Hot-air furnaces.	Spring, piped to Schl. But is on other premises; looking for a new supply.	Indoor closets, sewer and septic tank; dry earth closets, outdoors.	Ventilators in windows; partially successful.	On hillside overlooking Bird Tail river.	300 acres. About 10 leased. Breaking 10 more.	Fodder, corn, oats and roots.		Outside escapes; no extinguishers.	1888.	By Ch.	50.	49.	Not near reserve.	6 to 17.	2.	3.	3 with scrf. glands.	None.