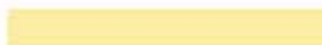


Ministry of Health Medical Services Branch



Annual Statistical Report for 2016-17

Preface

This fiscal year 2016-17 report prepared by the Medical Services Branch, pursuant to Section 36 of *The Saskatchewan Medical Care Insurance Act*, is a statistical supplement to the Saskatchewan Ministry of Health Annual Report. It contains statistical data concerning the programs administered by the Medical Services Branch, including the Medical Services Plan (MSP), medical education and medical remuneration.

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www.saskatchewan.ca/government/government-structure/ministries/health#annual-reports

Highlights

Medical Services Plan

The Medical Services Plan (MSP) provides coverage to Saskatchewan residents for a variety of physician, optometrist and dental services. The Plan also provides funding to support clinical services provided by faculty at the College of Medicine, medical resident salaries and a range of physician recruitment and retention initiatives.

In 2016-17, the MSP provided for **in-province expenditures** of \$896.7 million, while **program payments** totalled \$106 million and **medical education payments** were \$67.6 million. Utilization increases were seen in optometry related to expanded coverage for diabetic eye exams whereas utilization of dental services decreased in 2016-17.

- ⇒ **Benefits paid for insured services** - provided by physicians, optometrists, and dentists - amounted to \$681.9 million, an increase of 6.9% on a per capita basis (Table 8) from the previous year. Over the last five years the cost of these benefits has grown on average by approximately 4.8% per year.

	2015-16 (000's)	2016-17 (000's)	Per Capita Change
Physicians	\$623,333	\$667,247	4.80 %
Optometrists	\$12,397	\$12,880	1.70 %
Dentists	\$2,157	\$1,725	-21.80 %
Total	\$637,887	\$681,852	6.9 %

- ⇒ **Number of insured services** - provided by physicians, optometrists, and dentists – totalled 13.4 million services, an increase of 2.8% on a per capita basis (Table 7) from the previous year. Over the last five years the number of services has grown on average by 3.3% per year.

	2015-16 (000's)	2016-17 (000's)	Per Capita Change
Physicians	12,627	12,979	0.58 %
Optometrists	356	378	4.19 %
Dentists	19	13	-31.25 %
Total	13,002	13,370	0.64 %

- ⇒ **Out-of-Province:** Payments for Saskatchewan beneficiaries receiving insured services (physician, dentists, optometrist and hospital) outside of Saskatchewan totalled \$134.2 million, down 12.6% from the previous year. Over the last five years, expenditure on out-of-province services has increased on average by 1.3% per year.
- ⇒ **Cost of out of province residents receiving services** (physician and hospital) within Saskatchewan (excluding Quebec and Out-of-Canada Beneficiaries) totalled \$42.5million (Table 12 & 14a) a decrease of 2.6%. Over the past five years, hospital and physician costs for non-Saskatchewan beneficiaries have increased on average by 2.5% per year.
- ⇒ **Cost of services outside of Canada for Saskatchewan patients with prior approvals** totalled \$1.6M, a decrease of 41.9% from the previous year.

	2015-16	2016-17
Number of Patients	45	39
Practitioner Costs (000's)	\$617	\$274
Hospital Costs (000's)	\$2,163	\$1,339
Total Costs (000's)	\$2,780	\$1,613

Note: the number of patients receiving out-of-country services in a year may not equal the number of out-of-country prior approvals during the year. Reasons include patients not going or not receiving treatment in the same year or patients requiring on-going care over two or more years.

Physician Remuneration

- ⇒ Payments for fee-for-service in-province physicians, excluding the emergency coverage programs, totalled \$548.7 million in 2016-17 (see *Total Expenditures 2016-17*), an increase of 4.3% from 2015-16.
- ⇒ Non-fee-for-service funding arrangements for physician services represent a large area of provincial health expenditures. In 2016-17, this sector accounted for \$334 million, 27.7% of the Saskatchewan Ministry of Health's total in-province services expenditures. The majority of non-fee-for-service expenditures are in areas of medical services associated with Regional Health Authority (RHA) operations (e.g. radiology, laboratory and emergency services).
- ⇒ Average payment per physician is calculated based on total payments (includes payments and shadow billings – define as physicians who are not billing fee-for service (FFS), and whose submissions to MSB do not generate an actual payment) in a given year divided by the number of active physicians. In 2012-13 and 2013-14, payments for programs negotiated in the last Saskatchewan Medical Association agreement, including Family Physician Comprehensive Care, Metro On-Call, General Practitioner Specialist, Chronic Disease Management and Physician Compensation Quality Improvement Program, were included in the average payment calculation, which resulted in an over-statement of average payment for physicians - most notably General Practitioners. For example, the average program payment to a General Practitioner in 2013-14 totalled approximately \$21,000. Since 2014-15, the methodology has been refined and program payments have been removed. This provides a more precise description of the clinical earnings of physicians across Saskatchewan. As a result of this change in methodology, comparisons of average payments pre and post 2014-15 should be done with caution.
- ⇒ Average payments to active physicians vary by specialty (Table 25):

General Practitioners	\$254,100
Specialists	\$447,900
All Physicians	\$343,400

(see "Active" definition - *Statistical Figures and Tables*)

Physician Supply

- ⇒ Physician supply is measured in two ways: the number of active physicians (those billing more than \$60,000 in the fiscal year) and the number of licensed physicians (the total number of those qualified to practice in the province at the end of the year). Information in this report is presented based on either active or licensed physician numbers in order to improve accuracy.
- ⇒ **Licensed physicians:** (see "Licensed" definition - *Statistical Figures and Tables*) The number of licensed physicians on March 31, 2017 was 2,491, an increase of 4.9% from the previous year. Over the past five years, the number of licensed physicians has grown on average by 4.7% per year.
- ⇒ **Active physicians:** (see "Active" definition *Statistical Figures and Tables*) The number of active physicians on March 31, 2017 was 1,771, an increase of 4.2% from the previous year. Over the past five years, the number of active physicians has increased on average by 4.0% per year.
- ⇒ The number of **active rural general practitioners (GP)** was 248 at March 31, 2017, a decrease of nine physicians or -3.5% from the previous year. Over the last five years the number of active rural GPs has increased on average by 4.4% per year (Table 24).
- ⇒ The number of **active GPs in metro areas** (Regina and Saskatoon) has grown to 478, an increase of 28 physicians or 6.2% from the previous year. Over the past five years, the number of active metro GPs has increased on average by 3.9% per year (Table 24).
- ⇒ The number of **active GPs in other urban areas** has grown to 229, an increase of 18 physicians or 8.5% from the previous year. Over the past five years, the number of active urban GPs has increased on average by 4.3% per year (Table 24).
- ⇒ The number of **active specialists** has grown to 816, an increase of 35 physicians or 4.5% from the previous year. Over the past five years, the number of specialists has increased on average by 4.2% per year (Table 24).
- ⇒ **Turnover/Change of Practice:** Each year physicians relocate to and from Saskatchewan, as well as move within the province or change the nature of their practice. Turnover is calculated as the percentage increase or decrease from the active physicians

practicing at the end of the previous fiscal year compared to active physicians practicing at the end of the current year. Turnover reflects the percentage of physicians who have changed their practice from one year to the next; it does not reflect the percentage of physicians not retained. Turnover for all physicians has increased by 2.4% from the previous year (Table 18).

	2015-16 Turnover	2016-17 Turnover
Rural GPs	16.5%	20.8%
Metro GPs	5.8%	10.9%
Urban GPs	12.9%	7.5%
All Physicians (incl. Specialists)	9.3%	11.7%

⇒ Physician supply is affected by a number of initiatives and programs supported within the Medical Services Plan including the Saskatchewan International Physician Practice Assessment (SIPPA) program and an increase in the retention rate of University of Saskatchewan (U of S) family physicians. See Appendix for more information on recruitment and retention initiatives.

Educational Programs

- ⇒ The Medical Services Branch supports the Medical Education System managed by the College of Medicine, with funding of \$67.6 million in 2016-17 (including Clinical Services Fund and various bursaries). The Medical Education System covers the following areas:
 - ↳ Clinical Services Fund;
 - ↳ Programs and stipends such as the Academic Clinical Funding Plan, International Medical Graduates (IMGs), distributive medical education, student loan interest relief, JURSI (Junior Undergrad Rotating Student Internship) stipend and the Academic Health Sciences network; and,
 - ↳ 447 post-graduate medical resident positions, including distributed post graduate medical education in Prince Albert, Swift Current, La Ronge, Moose Jaw and North Battleford (see Table 33).

Medical Services Plan Coverage Benefits

Eligibility for Benefits

The Medical Services Plan (MSP) provides coverage to Saskatchewan residents for a variety of physician, optometrist, and dental services.

All residents of Saskatchewan, with a few exceptions (e.g. members of the Canadian Armed Forces and inmates of Federal Penitentiaries) are eligible to receive benefits, with the sole requirement being residency and registration with Health Registration Services at eHealth. No premiums are levied.

Insured services are governed by *The Saskatchewan Medical Care Insurance Act*, and further defined in the respective Payment Schedules established under the Act.

Subject to the exclusions detailed later in this section, the following services are insured:

Physician Services

Medical Services - The diagnosis and treatment by a physician of medical conditions.

Surgical Services - Surgical procedures by a physician including diagnosis, pre- and post-operative care and the services of physician surgical assistants when required.

Maternity Services - Care during pregnancy, delivery, and after care by a physician.

Anaesthesia - The administration of anaesthesia by a physician including:

- ⇒ anaesthesia for diagnostic, surgical and other procedures;
- ⇒ obstetrical anaesthesia;
- ⇒ anaesthesia for pain management; and,
- ⇒ all dental anaesthesia primarily for patients under 14 years.

Diagnostic Services includes:

- ⇒ out-of-hospital x-ray services, including interpretation, provided by a specialist in radiology),
- ⇒ an approved list of office-based laboratory services provided by a physician other than a pathologist; and,
- ⇒ other diagnostic services provided by a physician.

Preventive Medical Services includes:

- ⇒ immunization services where not available through any government or regional health authority;
- ⇒ examination and report for adoptions for both child and parents;
- ⇒ examination and report for persons becoming foster parents; and,
- ⇒ a routine physical examination by a physician.

Cancer Services - Services for the diagnosis and treatment of cancer, except when provided by physicians under contract with the Saskatchewan Cancer Agency.

Optometric Services

Coverage for routine eye examinations, partial examinations and tonometry by optometrists is limited to the following four categories of persons:

- ⇒ those under the age of 18;
- ⇒ Supplementary Health Program beneficiaries;
- ⇒ recipients of Family Health Benefits Program;
- ⇒ those with a diagnosis of diabetes; and,
- ⇒ patients 65 or older receiving a Seniors Income Plan supplement.

For eligible beneficiaries, the frequency of routine eye examinations to determine refractive error is limited to the following:

- ⇒ for patients less than 18 years of age examinations are limited to once every 12 months (this coverage is provided by MSP);
- ⇒ for patients 65 or older who qualify for one of the special programs listed above, examinations are limited to once every 12 months;
- ⇒ for patients aged 18 to 64 who qualify for coverage under one of the special programs listed above, examinations are limited to once every 24 months.

The assessment of ocular urgencies and emergencies provided by an optometrist, for select diagnoses, is also insured. Effective October 1, 2014, an annual eye exam for patients diagnosed with diabetes is also insured along with select diagnostic tests.

Dental Services includes:

Services in connection with maxillofacial surgery required to treat a condition caused by an accident;

Certain services in connection with abnormalities of the mouth and surrounding structures;

Services for the orthodontic care of cleft palate upon referral to a dentist by a physician or another dentist;

Certain x-ray services when provided by a dentist who is a specialist in oral radiology; and

Extraction of teeth medically required to provide:

- ⇒ heart surgery;
- ⇒ services for chronic renal disease;
- ⇒ head and neck cancer services; and,
- ⇒ services for total joint replacement by prosthesis where the beneficiary was referred to a dentist by a specialist in the appropriate surgical field and where prior approval from Medical Services Branch of the Ministry of Health was received.

Dental implants are covered in exceptional circumstances:

- ⇒ tumours – including benign and malignant; and,
- ⇒ congenital – including cleft palate and metabolic.

For dental implants, the referring specialist in oral maxillofacial surgery must request and receive prior approval from Medical Services Branch of the Ministry of Health.

Chiropractic Services

The Medical Services Plan only provides coverage for chiropractic x-rays provided by a chiropractor. The total payments and number of these services are traditionally very low and, unless otherwise noted, have not been included in the data of this report. In 2016-17 Supplementary Health Program beneficiaries, recipients of Family Health Benefits Program and seniors (age 65+) receiving a Seniors Income Plan supplement were covered for a maximum of 12 chiropractic services per year.

Out-of-Province Services

Physician Services

Services provided by physicians in other provinces except Quebec, are covered by a reciprocal billing arrangement. Saskatchewan beneficiaries are not normally billed for publicly funded physician services provided in other provinces upon presentation of their Health Services Card except for certain services excluded from the reciprocal billing arrangement. In most cases, physicians bill the provincial health plan of the province in which the services are provided. The host plan then bills the home province of the patient for the services provided.

Non-emergency services provided outside of Canada are only insured with prior approval from the Medical Services Branch of the Ministry of Health. Emergency physician services obtained out-of-country are reimbursed at Saskatchewan rates.

Hospital Services

Hospital services provided to Saskatchewan beneficiaries in other provinces are covered by a reciprocal billing agreement between provincial public health plans. The hospital bills the provincial health plan of the province in which services are provided. The host plan then bills the home province of the patient for the services provided.

Emergency hospital services for persons travelling outside Canada are covered on the following basis: up to \$100 (Canadian) per day for in-patient services and up to \$50 (Canadian) for an out-patient visit. Non-emergency hospital services provided outside Canada are covered only if prior approval has been obtained from the Medical Services Branch of the Ministry of Health.

Exclusions

The Medical Services Plan does not insure the following services::

- ⇒ health services received under other public programs including: *The Workers' Compensation Act*, federal Department of Veteran Affairs, *The Mental Health Services Act*;
- ⇒ the cost of travel, accommodation and meals;
- ⇒ surgery for cosmetic purposes;
- ⇒ any mental or physical examination for the purpose of employment, insurance, judicial proceedings/ requirements, vehicle seatbelt exemptions or at the request of a third party;
- ⇒ autopsy;
- ⇒ ambulance services and other forms of transportation of patients;
- ⇒ services provided by special duty nurses;
- ⇒ services provided by chiropodists, podiatrists, naturopaths or osteopaths;
- ⇒ services provided by chiropractors – except x-rays provided by chiropractors, and for those beneficiaries covered under the Supplementary Health Program, Family Health, or Seniors Income Plan;
- ⇒ dentistry, except as described under Insured Services - Dental Services;
- ⇒ drugs and dressings;
- ⇒ appliances (e.g. eyeglasses, artificial limbs);
- ⇒ routine eye examinations by physicians – coverage is limited to those beneficiaries who would be covered under the optometric program;
- ⇒ electrolysis;
- ⇒ dental anaesthesia provided in conjunction with an insured service where the patient is 14 years or over;
- ⇒ reversals of sterilization for the purposes of restoring fertility;
- ⇒ implantation of penile prosthesis;
- ⇒ removal of lesions for cosmetic purposes;
- ⇒ injection of asymptomatic varicose veins;
- ⇒ non-medically required circumcisions; and,
- ⇒ breast screening mammographies for women 50 years of age and older (available and funded through the provincial Screening Program for Breast Cancer).

Methods of Payment

MSP makes payment for insured services by the following methods:

- ⇒ fee-for-service billing by practitioners or professional corporations based on negotiated fee schedules; and,
- ⇒ salary, contractual or sessional payment arrangements funded through Regional Health Authority Boards and the College of Medicine.

The Primary Health Services Branch provides global funding for the operation of four community clinics.

Practitioners may choose to practice entirely outside MSP, in which case the services provided by that practitioner are uninsured.

Professional Review

A Joint Medical Professional Review Committee with the professional association and licensing body evaluates the billing patterns of practitioners. This committee is empowered to order the recovery of payments that have been inappropriately billed by practitioners (see Table 2).

Total Expenditures 2016-17

	Expenditures (\$000's)
In-Province Services	
Physician Fee-For-Service (FFS) Sub-Total	548,697
Physician Non-Fee-For-Service (Non-FFS)	
Medical Remuneration & Alternate Payments	229,025
^{1,2} Primary Health Services	75,964
^{1,2} Saskatchewan Cancer Agency	28,992
Physician Non-Fee-For-Service (Non-FFS) Sub-Total	333,981
Optometry Services Sub-Total	12,373
Dental Services Sub-Total	1,653
Sub-Total: Payments for In-Province Services	896,704
Programs and Recruitment & Retention Initiatives	
General Practitioner	
Family Physician Comprehensive Care Program and Metro On Call	14,646
Rural Emergency Coverage Programs	8,638
Regional Locum Program	3,880
Saskatchewan International Physician Practice Assessment (SIPPA)	2,450
Chronic Disease Management - Quality Improvement Program	3,000
General Practitioner Specialist	734
Rural Physician Incentive	700
Rural Practice Establishment Grants	413
Rural and Remote Incentives	2,378
Family Medicine Bursaries	350
Rural Practice Enhancement Training	0
General Practitioner Sub-Total	37,189
Specialist	
Specialist Emergency Coverage Programs (SECP)	31,678
Specialist Practice Establishment Grant	923
Specialist Resident Bursary Program	0
Specialist Rural & Remote Incentives	786
Specialist Physician Enhancement Training Bursary	299
Specialist Sub-Total	33,686

Other		
	Canadian Medical Protective Agency (CMPA) Funding	7,000
	Electronic Medical Records Program	9,300
	Physician Retention Fund	2,900
	Continuing Medical Education Program	4,650
	Quality Access Fund	2,990
	saskdocs	1,370
	Parental Leave Program	1,300
	Practice Enhancement Program	75
	One-time SMA Program Funding	5,600
Other		35,185
Sub-Total: Programs and Recruitment & Retention Initiatives		106,060
Medical Education		
	Clinical Services Fund (College of Medicine)	59,575
	Other Medical Education	8,021
Sub-Total: Medical Education		67,596
Other Provincial Payments and Administration		
	³ Out-of-Province	129,410
	Quality Assurance Diagnostic Imaging and Lab Programs	600
	Dental Residency Grants	150
	Administration	4,071
Sub-Total: Other Provincial Payments and Administration		134,231
Total Expenditures		1,204,591

¹ Expenditures in these areas are managed by other Branches of the Ministry of Health.

² These expenditures include payments to physicians only.

³ Includes physician, optometric and dental services, and hospital costs paid reciprocally for Saskatchewan beneficiaries.

Note: Ministry funding for physician services may not equal physician expenditures by RHAs.

Statistical Figures and Tables

Introductory Notes

General – The following tables are based upon MSP payments made during 2016-17 on a fee-for-service and non-fee-for-service basis for medical, optometric and dental services provided to Saskatchewan beneficiaries.

A global system of payment for medical services is used for four community clinics in the province; however, services are recorded on the same basis as fee-for-service items (shadow billing). Many alternate payment projects, including primary health care projects, have their services recorded on the same basis as fee-for-service items (shadow billing). For statistical purposes, all shadow-billing data is reported in this document.

Most tables include data, where noted, on services provided to Saskatchewan residents by practitioners outside the province. Tables 12, 14a and 14b are the only tables that present Saskatchewan physician and hospital data for services provided to out-of-province beneficiaries. Tables 13a, 13b, 14a and 14b are the only tables that show data related to the hospital reciprocal billing system.

The statistical tables exclude data on services paid by MSP to physicians and optometrists on behalf of Saskatchewan Government Insurance. The tables also exclude payments made through the Specialist Emergency Coverage Program with the exception of Table 27.

Data Limitations – Numbers of certain services or service groupings may differ from year to year as a result of bundling/unbundling or restructuring fee codes through Payment Schedule changes. The level of shadow billing for other than fee-for-service methods of payment can impact the data presented in this report.

Date of Payment – Statistics are based upon the date the service was paid, as opposed to the date the service was provided. Statistics for the fiscal year 2016-17 include some services provided in 2015-16. Fiscal years typically consist of 26 pay runs.

Payment Adjustments – The difference between payments shown in *Total Expenditures 2016-17* and the total payments shown in the statistical tables is due to accounting adjustments (e.g. accrual accounting; the handling of payments to and from other provinces for claims processed under the reciprocal billing arrangement); certain recoveries, adjustments for retroactive payments; the handling of medical and optometric services provided in community clinics and funded on a global basis through the Primary Health Services Branch; the handling of claims for medical services provided in alternate payment projects; and the payment for medical services through other non-fee-for-service remuneration arrangements.

Payments to Locum Tenens – Where a physician acts as the principal for a locum tenens physician who is not fully licensed by the College of Physicians and Surgeons of Saskatchewan, payments for services provided by the locum are made to the principal, unless the locum is granted a conditional, provisional or long-term locum license by the College.

Retroactive Payments – From time to time, MSP is required to make payments retroactively to practitioners, pursuant to agreements with the respective professional associations. Any such payments, whether included or excluded from the data tables, are included in the *Total Expenditures 2016-17*.

Optometric Services under Supplementary Health – For statistical purposes optometric data for services paid under both MSP and the Supplementary Health Program is reported in this document.

Definitions of Service Groupings (Tables 7 to 10, 15 and Figure 2)

Service groupings are based on CIHI's (Canadian Institute for Health Information) national grouping system categories.

- (a) **Consultations** – a consultation is the referral of a patient by one physician to another for examination, diagnosis, and requires a written report. The patient may return to the referring physician for treatment or receive treatment from the consultant.
- (b) **Major Assessments** – a major (complete or initial) assessment comprises a full history review, an examination of all parts or systems, a complete record and advice to the patient, and may include a detailed examination of one or more parts or systems. A major assessment may be provided to new or former patients. Chronic disease management visits and eye examinations by physicians are included here.
- (c) **Other Assessments** – Other assessments are visits that comprise history review, history of the presenting complaint, and an examination of the affected parts, regions or systems. Follow-up assessments, well-baby care provided in the office, visits to special care homes and continuous personal attendance are included in this classification.
- (d) **Psychotherapy/Counselling** – Includes treatment interview, group therapy, and counselling (including healthy lifestyle/health education counselling).
- (e) **Hospital Care** – Physician services provided in a hospital on a visit per day basis including newborn care in hospital and including attendant and supportive care. Hospital visits, covered by a composite payment such as hospital care following surgery, are not included.
- (f) **Special Calls and Emergency** – Includes surcharge payments made in association with visits or other services provided by physicians when specially called to attend a patient on a priority basis; follow-up house calls not specially called; special calls for additional patients seen; and any non-system-generated out-of-hours premiums.
- (g) **Major Surgery** – All 42 day surgical procedures excluding those falling in the Obstetrics classification. The “day” classification refers to the number of days of post-operative care included in the procedural fee.
- (h) **Minor Surgery** – All 0 and 10 day surgical procedures excluding those falling in the Obstetrics classification.
- (i) **Surgical Assistance** – Services of physicians as required to assist the surgeon at an operation, includes assistant standby.
- (j) **Obstetrics** – Includes hospital stay, abortions, caesarian sections, but excludes gynaecological surgery, and pre- and post-natal visits. Fetal monitoring and transfusions are included here.
- (k) **Anaesthesia** – All anaesthetic procedures, pain management and pain clinic services are included in this category.
- (l) **Diagnostic Radiology** – All out-of-hospital technical procedures and interpretations by specialists in radiology.
- (m) **Laboratory Services** – All common office laboratory services provided by a physician other than a pathologist.
- (n) **Other Diagnostic and Therapeutic Procedures** – All types of diagnostic procedures, allergy tests, ultrasound, professional interpretations of procedures, biopsies, therapeutic procedures, injections, Papanicolau smears, and resuscitation and intensive care.
- (o) **Special and Miscellaneous Services** – Includes medical examinations for adoptions, for rape victims, for follow-up cancer reports; examinations and certifications of mental health; immunizations where not elsewhere available; intralesional injections; rural emergency coverage payments; advice by physicians to allied health personnel via telecommunications; and any other services not elsewhere classified.
- (p) **Services by Optometrists** – Includes eye examinations to determine the refractive state of the eye, partial examinations, tonometry testing, diabetic eye exams and assessments of ocular urgencies and emergencies when provided by an optometrist. Optical coherence tomography and retinal photography are also insured for individuals with a diagnosis of diabetes.
- (q) **Dental Services** – Includes certain insured services provided by dentists, i.e. oral surgery, or orthodontic services for care of cleft palate, and the extraction of teeth necessary to be performed before the provision of certain surgical procedures. Includes coverage of dental implants, in exceptional circumstances, where prior approval from Medical Services Branch of the Ministry of Health was received.

Categories of Practitioners (Tables 15, 18 to 26, 31, 32 and 34)

I. Physicians

- (a) **General Practitioner** – A physician registered with the College of Physicians and Surgeons of Saskatchewan whose name does not appear on the specialist listing mentioned in (b) below. This includes physicians who, while not Canadian or foreign certified specialists, limit their practice to specific specialty areas.
 - (i) **Metro** – A general practitioner who practises in Regina, Saskatoon, or a recognized bedroom community.
 - (ii) **Urban** – A general practitioner who practises in a locality having 10,000 or more residents other than in Regina or Saskatoon.
 - (iii) **Rural** – A general practitioner who practises in a locality having fewer than 10,000 residents.
 - (iv) **Association** – A general practitioner who maintains patients' medical records with one or more physicians.
 - (v) **Solo** – A general practitioner who is not working in association with another physician.
- (b) **Specialist** – A Canadian certified physician listed by the College of Physicians and Surgeons of Saskatchewan is eligible to receive MSP payments at specialist rates. As of April 1, 2004, a foreign certified physician is eligible to receive MSP payments at specialist rates for both visits and procedures. If a physician becomes a certified specialist during the year, only those services provided after certification are included with specialist services.

- II. **Optometrist** – A practitioner registered with the Saskatchewan Association of Optometrists.
- III. **Dentist** – A practitioner registered with the College of Dental Surgeons of Saskatchewan.

Notes:

Definition of a Licensed Physician – Physicians with their own MSP billing number who are licensed by the College of Physicians and Surgeons of Saskatchewan and practising in Saskatchewan under MSP coverage at the end of the year; includes temporary licensed locum physicians but excludes educational locums and medical residents.

Definition of Active Physician – Licensed physicians receiving \$60,000 or more in MSP payments (or shadow billings) during the year and practising in Saskatchewan under MSP coverage at the end of the year. Data captured for physicians participating in non-fee-for-service arrangements may not be complete. General Practitioners are categorized in the location group in which they earned the most income if they practised in various clinics or areas throughout the year.

Table 1

Analysis of Per Cent Change in Per Capita Costs

Year	Gross Payments for Insured Services ¹ (000's)	Total Per Cent Change In Per Capita Costs ²	Per Cent Change Due to Fee Schedule Increases ⁴	Per Cent Change Due to Utilization Increases ⁵
2012-13	571,711	5.27	2.93	2.27
2013-14	590,150	0.32	0.00	0.32
2014-15	609,474	1.01	0.00	1.01
2015-16 ³	637,221	4.49	0.96	3.49
2016-17	667,247	2.47	2.66	-0.19
Average Annual Per Cent Change 2012-13 to 2016-17	3.94	2.07	0.91	1.16

¹ All physician, optometric and dental insured services are included. Includes payments for rural emergency coverage but excludes payments for specialist emergency coverage.

² Current year cost per capita figures have been adjusted for program coverage and covered population to allow for comparison to the previous year. The total per cent change in per capita costs compares the adjusted per capita payments from one year to the next.

³ Lump sum payments in lieu of retroactive amendments to Payment Schedules made to physicians are excluded.

⁴ Fee schedule increases are based on theoretical values of fee and new items increases.

⁵ The change in utilization may be affected by changes in data capture for physicians participating in or switching to non-fee-for-service arrangements.

Table 2

Adjustments and Recoveries by the Medical Services Plan

	2015-16		2016-17	
	Number of Practitioners	Adjustment or Recovery (000's)	Number of Practitioners	Adjustment or Recovery (000's)
Routine Adjustments on In-Province Claims ¹	2,390	10,885.4	2,454	12,445.9
Routine Adjustments on Out-of-Province Claims ¹	–	1,948.2	–	1,552.5
Special MSP Studies and Professional Review Activity ²	11	510.6	7	1233.7
Third Party Liability Recoveries ³	–	3,740.5	–	3,861.6
Total	–	17,084.7	–	19,093.7

¹ All physician, optometric and dental insured services are included.

² The dollar amounts are recoveries resulting from the correction of payments as revealed by the Professional Review Committees, general overpayment corrections or bankruptcies. The total may include funds paid in this fiscal year but requested in a previous year.

³ The dollar amounts are recoveries from the cost of health services collected under the authority of *The Health Administration Act*.

Table 3

Claims Paid by Method of Billing

Claims Received from:	Number of Claims Paid		Per Cent of Claims Paid	
	2015-16	2016-17	2015-16	2016-17
Physicians, Dentist & Dental Surgeons	8,614,512	8,811,717	97.30	97.28
In-Province Claims ¹	8,299,594	8,486,399	93.75	93.69
Out-of-Province Reciprocal Billing ²	313,528	324,305	3.54	3.58
Other Out-of-Province	1,390	1,013	0.02	0.01
Optometrists ³	236,649	244,643	2.67	2.70
In-Province Claims	235,361	243,476	2.66	2.69
Out-of-Province	1,288	1,167	0.01	0.01
Beneficiaries ⁴	2,196	2,013	0.02	0.02
Total	8,853,357	9,058,373	100.00	100.00

¹ Includes claims for services provided to beneficiaries of other provinces through reciprocal billing arrangements. Includes claims for insured dental services and for SGI driver medicals and visual exams.

² Claims for services provided to Saskatchewan beneficiaries in other provinces through reciprocal billing arrangements.

³ Includes claims for optometrist services covered by the Supplementary Health Program.

⁴ Payments made directly to beneficiaries for claims.

Note: See "Data Limitations" in *Statistical Figures and Tables*.

Table 4

Services and Payments by Age and Sex of Beneficiaries

Age Groups	Number of Beneficiaries as at June 30, 2016		Rate Per 1,000 Beneficiaries			
	Male	Female	Services		Payments (000's)	
			Male	Female	Male	Female
A. Physicians						
Under 1	7,643	7,503	15,514	14,080	972,535	864,814
1 - 4.....	32,002	30,765	6,854	5,850	377,993	314,149
5 - 14.....	76,574	73,200	4,259	4,093	195,534	182,379
15 - 24.....	77,138	73,473	4,362	8,585	213,808	435,190
25 - 44.....	168,879	160,603	5,772	12,235	278,823	658,475
45 - 64.....	149,414	145,168	11,100	13,583	568,972	671,804
65 and over.....	78,261	92,963	24,583	24,403	1,284,694	1,185,602
All Beneficiaries.....	589,911	583,675	9,421	12,715	480,812	635,643
B. Optometrists						
Under 1	7,643	7,503	50	55	2,704	2,934
1 - 4.....	32,002	30,765	233	236	12,455	12,694
5 - 14.....	76,574	73,200	493	529	26,674	28,553
15 - 24.....	77,138	73,473	178	240	8,556	11,243
25 - 44.....	168,879	160,603	105	161	2,926	4,592
45 - 64.....	149,414	145,168	327	363	7,953	9,239
65 and over.....	78,261	92,963	684	604	16,228	15,047
All Beneficiaries.....	589,911	583,675	304	341	10,297	11,661
C. Dentists						
Under 1	7,643	7,503	2	2	1,042	381
1 - 4.....	32,002	30,765	-	-	335	62
5 - 14.....	76,574	73,200	6	8	579	718
15 - 24.....	77,138	73,473	16	20	2,652	4,768
25 - 44.....	168,879	160,603	7	10	1,212	1,214
45 - 64.....	149,414	145,168	13	18	1,284	1,671
65 and over.....	78,261	92,963	12	11	1,324	1,204
All Beneficiaries.....	589,911	583,675	10	13	1,302	1,640

Notes:

- 1) Includes out-of-province services and costs.
- 2) Excludes payments for specialist and rural emergency coverage programs.
- 3) Includes optometric services covered by the Supplementary Health Program. Effective Oct. 1/14 coverage of an annual eye exam for the management of diabetic patients is included in this total.
- 4) For comparative purposes, payment figures in this table have been adjusted to exclude retroactive payments for services provided in previous years, pursuant to the agreement with the Saskatchewan Medical Association.
- 5) See "Data Limitations" in *Statistical Figures and Tables*.

Table 5

Beneficiaries, Payments and Services by Dollar Value of Benefits

Dollar Value of Benefits	2015-16				2016-17			
	Number of Beneficiaries ¹	% of Beneficiaries	% of Payments	% of Services	Number of Beneficiaries ¹	% of Beneficiaries	% of Payments	% of Services
A. Physicians Only								
\$0.00	193,007	16.8	–	<0.1	204,588	17.4	–	<0.1
\$0.01 - \$25.00.....	10,165	0.9	–	0.1	10,642	0.9	–	0.1
\$25.01 - \$50.00.....	102,645	8.9	0.6	0.9	102,290	8.7	0.6	0.9
\$50.01 - \$100.00.....	107,712	9.4	1.3	1.9	102,694	8.8	1.2	1.8
\$100.01 - \$250.00.....	238,611	20.8	6.4	8.9	234,205	20.0	5.9	8.1
\$250.01 - \$500.00.....	186,514	16.2	10.9	13.9	188,904	16.1	10.3	13.1
\$500.01 - \$1,000.00.....	149,626	13.0	17.1	19.4	157,682	13.4	16.9	19.1
\$1,000.01 - \$1,500.00.....	59,337	5.2	11.8	12.4	62,449	5.3	11.6	12.0
\$1,500.01 - \$2,000.00.....	33,280	2.9	9.4	8.8	35,883	3.1	9.4	9.2
\$2,000.01 - \$5,000.00.....	56,427	4.9	26.9	22.4	61,589	5.2	27.5	23.2
Over \$5,000.00.....	11,120	1.0	15.6	11.3	12,660	1.1	16.7	12.4
Total.....	1,148,444	100.0	100.0	100.0	1,173,586	100.0	100.0	100.0
B. Optometrists Only								
\$0.00	980,047	85.3	–	<0.1	1,001,299	85.3	–	<0.1
\$0.01 - \$25.00.....	65	–	–	–	25	–	–	–
\$25.01 - \$50.00.....	8,039	0.7	2.8	2.5	7,543	0.6	2.5	2.2
Over \$50.00.....	160,292	14.0	97.2	97.4	164,719	14.0	97.5	97.8
Total.....	1,148,444	100.0	100.0	100.0	1,173,586	100	100	100

¹ The number of beneficiaries in this category is a residual, representing the difference between the number for whom a claim was paid at any time during the year and the total of beneficiaries at June 30 of the stated year.

Notes:

- 1) Includes out-of-province services and costs.
- 2) Excludes payments for specialist and rural emergency coverage programs.
- 3) Includes optometric services covered by the Supplementary Health Program.
- 4) See "Data Limitations" in *Statistical Figures and Tables*.

Table 6**Physician Services and Payments by Age and Sex**

Age Groups	Sex	Population		Per Cent Treated	Average Per Person Insured		Average Per Person Treated		Average Payment (\$) Per Service
		Insured ¹	Treated ²		Services	Cost (\$)	Services	Cost (\$)	
Under 1	M	7,643	9,056	100.00	15.51	972.53	13.09	820.79	62.69
	F	7,503	8,655	100.00	14.08	864.81	12.21	749.71	61.42
	T	15,146	17,711	100.00	14.80	919.17	12.66	786.05	62.09
1 - 4	M	32,002	27,953	87.35	6.85	377.99	7.85	432.75	55.15
	F	30,765	26,437	85.93	5.85	314.15	6.81	365.58	53.70
	T	62,767	54,390	86.65	6.36	346.70	7.34	400.10	54.50
5 - 9	M	40,291	29,722	73.77	4.47	207.25	6.06	280.94	46.37
	F	38,570	28,550	74.02	4.16	185.46	5.62	250.55	44.59
	T	78,861	58,272	73.89	4.32	196.59	5.84	266.05	45.53
10 - 14	M	36,283	24,875	68.56	4.03	182.53	5.87	266.24	45.33
	F	34,630	23,964	69.20	4.02	178.95	5.81	258.60	44.54
	T	70,913	48,839	68.87	4.02	180.78	5.84	262.49	44.94
15 - 19	M	36,609	24,675	67.40	4.38	215.53	6.50	319.77	49.19
	F	35,060	28,135	80.25	7.08	347.32	8.82	432.81	49.07
	T	71,669	52,810	73.69	5.70	280.00	7.74	379.99	49.12
20 - 24	M	40,529	25,627	63.23	4.34	212.25	6.87	335.68	48.86
	F	38,413	33,129	86.24	9.96	515.39	11.55	597.59	51.74
	T	78,942	58,756	74.43	7.08	359.76	9.51	483.36	50.83
25 - 29	M	45,934	29,646	64.54	4.67	223.27	7.23	345.94	47.83
	F	43,549	38,349	88.06	12.39	698.13	14.07	792.80	56.34
	T	89,483	67,995	75.99	8.43	454.38	11.09	597.97	53.92
30 - 34	M	45,113	31,049	68.82	5.49	262.67	7.98	381.65	47.84
	F	43,175	38,163	88.39	12.98	732.50	14.69	828.70	56.41
	T	88,288	69,212	78.39	9.16	492.43	11.68	628.15	53.79
35 - 39	M	41,174	29,578	71.84	6.05	295.55	8.42	411.42	48.85
	F	38,852	33,885	87.22	12.02	623.80	13.78	715.23	51.91
	T	80,026	63,463	79.30	8.95	454.91	11.28	573.64	50.84
40 - 44	M	36,658	27,155	74.08	7.19	349.52	9.71	471.83	48.61
	F	35,027	30,227	86.30	11.36	556.39	13.16	644.74	48.99
	T	71,685	57,382	80.05	9.23	450.60	11.53	562.92	48.84
45 - 49	M	35,160	26,495	75.36	8.29	408.86	10.99	542.57	49.35
	F	33,641	28,834	85.71	11.77	572.98	13.73	668.50	48.70
	T	68,801	55,329	80.42	9.99	489.10	12.42	608.20	48.97
50 - 54	M	39,500	30,762	77.88	9.82	490.84	12.61	630.26	49.99
	F	38,845	33,568	86.42	12.72	614.54	14.71	711.15	48.33
	T	78,345	64,330	82.11	11.25	552.17	13.71	672.47	49.06
55 - 59	M	39,840	33,272	83.51	11.87	617.58	14.22	739.49	52.01
	F	38,654	34,866	90.20	14.02	706.29	15.55	783.02	50.37
	T	78,494	68,138	86.81	12.93	661.26	14.90	761.77	51.14
60 - 64	M	34,914	31,307	89.67	14.50	763.15	16.17	851.07	52.62
	F	34,028	31,732	93.25	15.87	795.70	17.02	853.27	50.14
	T	68,942	63,039	91.44	15.18	779.21	16.60	852.18	51.34
65 - 69	M	26,822	25,206	93.98	18.32	1,010.44	19.49	1,075.22	55.17
	F	27,073	25,581	94.49	18.22	947.51	19.28	1,002.77	52.01
	T	53,895	50,787	94.23	18.27	978.83	19.38	1,038.73	53.59
70 - 74	M	18,410	18,183	98.77	23.04	1,240.68	23.33	1,256.17	53.85
	F	19,388	19,290	99.49	22.48	1,164.80	22.59	1,170.72	51.82
	T	37,798	37,473	99.14	22.75	1,201.76	22.95	1,212.18	52.82
75 & Over	M	33,029	34,050	100.00	30.53	1,531.94	29.62	1,486.00	50.17
	F	46,502	47,532	100.00	28.81	1,332.89	28.18	1,304.01	46.27
	T	79,531	81,582	100.00	29.52	1,415.55	28.78	1,379.97	47.95
Total all ages	M	589,911	458,611	77.74	9.42	480.81	12.12	618.47	51.03
	F	583,675	510,897	87.53	12.71	642.43	14.53	733.95	50.53
	T	1,173,586	969,508	82.61	11.06	561.19	13.39	679.32	50.74

¹ Population as at June 30, 2016.

² Population treated at anytime during the fiscal year.

Notes: 1) Excludes payments for specialist and rural emergency coverage programs.

2) Includes out-of-province services and costs.

Table 7

Services by Type of Service

Type of Service ¹	Number of Services (000's)		Number of Services Per 1,000 Beneficiaries		Per Cent Change 2015-16 to 2016-17
	2015-16	2016-17	2015-16	2016-17	
In-Province Physician Services	11,865.7	12,188.3	10,332	10,385	0.52
Consultations.....	547.5	570.0	477	486	1.88
Major Assessments.....	538.3	551.5	469	470	0.25
Other Assessments.....	4,227.8	4,272.9	3,681	3,641	-1.10
Psychotherapy.....	412.8	438.5	359	374	3.94
Total Visit Services	5,726.5	5,832.8	4,986	4,970	-0.33
Hospital Care.....	663.3	678.3	578	578	0.07
Special Calls and Emergency.....	253.7	253.4	221	216	-2.26
Major Surgery.....	141.8	143.9	123	123	-0.70
Minor Surgery.....	256.8	267.4	224	228	1.91
Surgical Assistance.....	161.8	163.1	141	139	-1.37
Obstetrics.....	31.0	31.2	27	27	-1.47
Anaesthesia.....	776.3	802.2	676	684	1.12
Total Surgical Services	1,367.6	1,407.8	1,191	1,200	0.73
Diagnostic Radiology.....	269.5	274.7	235	234	-0.28
Laboratory Services.....	316.8	300.8	276	256	-7.09
Other Diagnostic and Therapeutic Services.....	2,181.5	2,321.8	1,900	1,978	4.15
Special and Miscellaneous Services.....	1,086.7	1,118.8	946	953	0.75
Total Diagnostic Services	3,854.5	4,016.0	3,356	3,422	1.96
In-Province Dental Services	18.9	13.1	16	11	-31.78
In-Province Optometric Services	348.8	370.4	304	316	3.91
Refractions by Optometrists.....	109.1	109.7	95	93	-1.57
Other Optometric Services.....	239.8	260.7	209	222	6.41
Out-of-Province Services					
Physician Services.....	760.7	790.8	662	674	1.73
Dental Services.....	0.1	0.1	–	–	–
Optometric Services.....	7.3	7.9	6	7	5.66
All Services	13,001.4	13,370.6	11,321	11,393	0.64

¹ The "Definitions of Service Groupings", in *Statistical Figures and Tables* describes inclusions in these classifications.

Notes:

- 1) Includes optometric services covered by the Supplementary Health Program.
- 2) See "Data Limitations" in *Statistical Figures and Tables*.

Table 8

Payments by Type of Service

Type of Service ¹	Dollar Payments (000's)		Dollar Payments Per 1,000 Beneficiaries		Per Cent Change 2015-16 to 2016-17
	2015-16	2016-17	2015-16	2016-17	
In-Province Physician Services	582,148	623,787	506,902	531,522	4.86
Consultations.....	70,890	77,083	61,727	65,682	6.41
Major Assessments.....	33,992	35,374	29,599	30,141	1.83
Other Assessments.....	166,333	176,197	144,833	150,136	3.66
Psychotherapy.....	19,417	21,213	16,907	18,075	6.91
Total Visit Services	290,632	309,867	253,066	264,034	4.33
Hospital Care.....	20,694	23,696	18,019	20,191	12.05
Special Calls and Emergency.....	11,156	11,122	9,714	9,477	-2.44
Major Surgery.....	55,839	56,693	48,621	48,307	-0.65
Minor Surgery.....	9,012	9,763	7,847	8,319	6.01
Surgical Assistance.....	14,027	14,497	12,214	12,353	1.14
Obstetrics.....	14,902	15,498	12,976	13,206	1.77
Anaesthesia.....	38,820	42,175	33,802	35,937	6.32
Total Surgical Services	132,600	138,626	115,460	118,122	2.31
Diagnostic Radiology.....	13,742	14,410	11,965	12,279	2.62
Laboratory Services.....	1,499	1,502	1,305	1,280	-1.92
Other Diagnostic and Therapeutic Services....	89,945	101,256	78,319	86,279	10.16
Special and Miscellaneous Services ²	21,882	23,308	19,053	19,861	4.24
Total Diagnostic Services	127,067	140,476	110,642	119,698	8.18
In-Province Dental Services	2,146	1,689	1,869	1,439	-23.00
In-Province Optometric Services	12,090	12,567	10,528	10,708	1.71
Refractions by Optometrists.....	6,153	6,355	5,358	5,415	1.07
Other Optometric Services.....	5,937	6,371	5,170	5,429	5.01
Out-of-Province Services					
Physician Services.....	41,185	43,460	35,862	37,032	3.26
Dental Services.....	11	36	10	31	214.32
Optometric Services.....	307	313	267	267	-0.09
All Services	637,889	681,853	555,437	580,999	4.60

¹ The "Definitions of Service Groupings", in *Statistical Figures and Tables* describe inclusions in these classifications.

² Includes payments for the rural emergency coverage program but excludes payments for the specialist emergency coverage program.

Notes:

- 1) Includes optometric services covered by the Supplementary Health Program.
- 2) Payments for prior-approved services in the United States have been adjusted to reflect their value in Canadian Funds.
- 3) See "Data Limitations" in *Statistical Figures and Tables*.

Table 9**Average Payment Per Service by Type of Service and Type of Practitioner**

Type of Service ¹	2015-16			2016-17		
	General Practitioners (\$)	Specialists (\$)	All Practitioners (\$)	General Practitioners (\$)	Specialists (\$)	All Practitioners (\$)
In-Province Physician Services	34.34	66.84	48.33	35.90	68.66	50.47
Consultations.....	83.37	131.91	129.48	86.68	137.66	135.23
Major Assessments.....	59.82	85.86	63.15	60.30	89.88	64.15
Other Assessments.....	37.22	53.43	39.37	38.96	55.44	41.24
Psychotherapy.....	39.07	58.15	47.03	39.47	58.39	48.38
Average Of Visit Services	40.07	91.11	51.05	41.71	94.52	53.51
Hospital Care.....	30.49	31.91	31.20	34.43	35.42	34.43
Special Calls and Emergency.....	42.79	45.72	43.97	42.55	45.83	43.89
Major Surgery.....	253.88	398.97	393.78	255.09	399.08	393.98
Minor Surgery.....	18.55	66.23	35.10	18.98	64.21	36.51
Surgical Assistance.....	74.57	147.43	86.70	76.28	153.90	88.91
Obstetrics.....	547.82	450.02	480.85	574.73	463.63	496.69
Anaesthesia.....	44.68	50.62	50.01	46.51	53.37	52.57
Average Of Surgical Services	58.82	112.61	96.96	60.07	114.10	98.74
Diagnostic Radiology.....	–	50.98	50.98	32.17	52.47	52.46
Laboratory Services.....	4.63	6.31	4.73	4.87	6.89	4.99
Other Diagnostic and Therapeutic Services.....	15.64	45.93	41.23	17.03	48.06	43.61
Special and Miscellaneous Services ²	10.62	16.97	12.14	11.41	18.16	13.11
Average Of Diagnostic Services	10.56	43.04	30.71	11.43	44.95	32.83
In-Province Dental Services	–	–	114.29	–	–	128.53
In-Province Optometric Services	–	–	34.66	–	–	34.79
Refractions by Optometrists.....	–	–	56.42	–	–	57.93
Other Optometric Services.....	–	–	24.76	–	–	25.05
Out-of-Province Services						
Physician Services.....	50.43	55.62	54.09	50.01	57.08	54.96
Dental Services.....	–	–	158.93	–	–	385.57
Optometric Services.....	–	–	42.16	–	–	39.76
All Services	34.85	65.78	48.39	37.61	62.34	51.02

¹ The "Definitions of Service Groupings", in *Statistical Figures and Tables* describe inclusions in these classifications.

² Excludes payments for specialist and rural emergency coverage programs and retroactive lump sum payments to physicians to avoid distortion.

Notes:

1) Includes optometric services covered by the Supplementary Health Program.

2) See "Data Limitations" in *Statistical Figures and Tables*.

Table 10

Per Cent of Services and Payments by Type of Service

Type of Service ¹	Per Cent of Total Services		Per Cent of Total Payments	
	2015-16	2016-17	2015-16	2016-17
In-Province Physician Services	91.26	91.16	91.26	91.48
Consultations.....	4.21	4.26	11.11	11.30
Major Assessments.....	4.14	4.12	5.33	5.19
Other Assessments	32.52	31.96	26.08	25.84
Psychotherapy	3.18	3.28	3.04	3.11
	44.05	43.62	45.56	45.44
Hospital Care.....	5.10	5.07	3.24	3.48
Special Calls and Emergency.....	1.95	1.90	1.75	1.63
Major Surgery.....	1.09	1.08	8.75	8.31
Minor Surgery.....	1.97	2.00	1.41	1.43
Surgical Assistance.....	1.24	1.22	2.20	2.13
Obstetrics.....	0.24	0.23	2.34	2.27
Anaesthesia.....	5.97	6.00	6.09	6.19
	10.52	10.53	20.79	20.33
Diagnostic Radiology.....	2.07	2.05	2.15	2.11
Laboratory Services	2.44	2.25	0.23	0.22
Other Diagnostic and Therapeutic Services.....	16.78	17.36	14.10	14.85
Special and Miscellaneous Services ²	8.36	8.37	3.43	3.42
	29.65	30.04	19.92	20.60
In-Province Dental Services	0.14	0.10	0.34	0.25
In-Province Optometric Services	2.68	2.77	1.90	1.84
Refractions by Optometrists	0.84	0.82	0.96	0.93
Other Optometric Services.....	1.84	1.95	0.93	0.93
Out-of-Province Services				
Physician Services.....	5.85	5.91	6.46	6.37
Dental Services.....	–	–	–	–
Optometrist Services.....	0.06	0.06	0.05	0.05
All Services	100.00	100.00	100.00	100.00

¹ The "Definitions of Service Groupings", in *Statistical Figures and Tables* describe inclusions in these classifications.

² Includes payments for the rural emergency coverage program but excludes specialist emergency coverage program payments.

Notes:

1) Includes optometric services covered by the Supplementary Health Program.

2) See "Data Limitations" in *Statistical Figures and Tables*.

Table 11

Payments (\$000's) for Out-of-Province Services by Location and Type of Practitioner

Type of Practitioner	Location of Services								
	All Locations	Maritimes & Territories	Quebec	Ontario	Manitoba	Alberta	British Columbia	United States	Rest of the World
General Practitioners	11,881.4	141.5	19.5	643.4	1,361.5	8,458.0	1,140.7	82.3	34.5
Specialists									
Paediatricians and Medical Geneticists.....	2,550.3	8.4	2.1	64.0	46.4	2,375.6	49.8	3.6	0.4
Internists and Physiatrists.....	4,129.9	29.7	6.9	193.4	288.1	3,358.5	173.1	72.9	7.3
Neurologists.....	282.6	2.3	0.6	13.8	19.2	223.0	20.9	2.8	–
Psychiatrists.....	1,292.6	7.2	8.3	74.3	64.0	1,027.1	111.1	0.5	–
Dermatologists.....	249.6	23.0	0.4	6.0	22.6	190.0	6.4	0.6	0.5
Anaesthetists.....	3,401.2	17.7	11.8	153.0	185.3	2,893.8	121.9	17.6	–
General and Thoracic Surgeons.....	3,831.7	8.8	1.1	95.1	256.1	3,359.2	97.0	13.1	1.4
Orthopaedic Surgeons.....	1,383.3	5.9	6.0	50.5	149.1	1,062.3	83.1	25.0	1.4
Plastic and Reconstructive Surgeons.....	588.6	1.1	17.0	23.8	26.9	497.3	21.6	0.9	0.2
Neurological Surgeons.....	312.1	0.7	2.8	32.4	48.4	202.5	19.8	5.3	0.1
Obstetricians and Gynaecologists.....	1,255.0	23.6	2.9	101.2	312.4	758.3	56.1	0.6	0.1
Urological Surgeons.....	395.7	0.1	0.7	17.6	27.9	325.5	22.2	1.7	–
Ophthalmologists.....	934.7	1.9	1.8	44.2	58.3	773.9	49.6	4.9	0.1
Otolaryngologists.....	831.9	3.4	2.7	15.4	26.7	760.1	19.4	4.3	–
Pathologists.....	5,166.5	22.9	–	94.9	20.9	4,850.1	169.5	7.4	0.7
Diagnostic Radiologists.....	4,663.8	20.3	1.2	105.8	299.3	4,182.5	50.2	4.2	0.3
US Services with Prior Approval.....	413.0	–	–	–	–	–	–	413.0	–
All Physicians	43,563.7	318.4	85.6	1,728.8	3,213.1	35,297.7	2,212.3	660.7	47.1
Dentists.....	34.9	–	0.2	0.8	1.0	33.0	–	–	–
Optometrists.....	312.9	0.3	0.1	0.1	37.2	275.1	0.3	–	–

Notes:

- 1) Includes optometric services covered by the Supplementary Health Program.
- 2) Saskatchewan reimburses the other provinces or territories, except Quebec, for physician services according to the physician Payment Schedule rates of the other provinces or territories. See "Out-of-Province Services" in *Medical Services Plan Coverage Benefits*.
- 3) Payments for prior-approved services in the United States have been adjusted to reflect their value in Canadian funds.
- 4) See "Data Limitations" in *Statistical Figures and Tables*.

Table 12**Payments (\$000's) to Saskatchewan Physicians for Services Provided to Beneficiaries of Other Provinces or Territories**

Type of Practitioner	Home Province or Territory of Beneficiary											
	All Locations	Newfoundland	PEI	Nova Scotia	New Brunswick	Ontario	Manitoba	Alberta	British Columbia	NWT	Yukon	Nunavut
General Practitioners.....	4,729.5	37.0	14.5	58.5	56.3	419.5	1,131.8	2,487.3	478.3	20.6	16.2	9.5
Specialists												
Paediatricians and Medical Geneticists..	243.2	0.2	0.3	0.9	1.2	14.5	78.2	136.7	9.1	1.0	0.0	1.0
Internists and Physiatrists.....	1,013.7	3.7	2.3	8.0	2.1	74.3	189.9	651.3	78.4	2.1	0.3	1.3
Neurologists	83.3	0.5	0.0	1.3	1.1	10.3	21.5	39.7	8.3	0.0	0.2	0.5
Cardiologists.....	327.7	7.7	2.5	2.3	3.7	42.0	91.5	132.5	42.8	0.2	2.6	0.0
Psychiatrists	316.8	8.2	10.9	9.8	3.6	38.2	45.9	138.4	48.3	7.4	1.0	5.0
Dermatologists	23.1	0.1	0.0	0.0	0.2	4.1	6.5	9.9	2.2	0.0	0.0	0.0
Anaesthetists	1,033.2	4.2	0.8	6.3	7.2	43.4	269.0	639.6	57.5	1.9	0.7	2.4
General Surgeons.....	926.1	2.4	1.3	5.3	4.4	35.5	171.8	659.6	43.0	0.3	0.2	2.3
Cardiac Surgeons	90.7	6.0	0.0	0.0	5.3	9.5	35.2	25.3	9.4	0.0	0.0	0.0
Orthopaedic Surgeons.....	526.6	3.1	0.7	4.5	2.9	25.8	127.3	325.0	30.7	2.9	3.4	0.3
Plastic and Reconstructive Surgeons.....	129.1	0.4	0.7	0.7	0.9	9.3	42.2	60.7	14.2	0.0	0.1	0.0
Neurological Surgeons.....	398.4	0.1	0.0	2.8	2.8	6.8	49.4	321.9	13.2	0.0	1.5	0.0
Obstetricians and Gynaecologists.....	661.0	1.1	0.8	3.0	4.3	34.3	274.0	310.0	29.6	2.5	0.9	0.5
Urological Surgeons.....	181.5	0.3	0.4	0.8	0.2	11.6	112.1	42.0	12.7	0.0	0.2	1.1
Ophthalmologists.....	802.6	0.4	0.1	2.3	1.5	15.2	370.4	379.1	29.1	1.9	1.1	1.5
Otolaryngologists.....	317.3	1.1	0.3	3.3	0.8	9.6	65.6	224.2	11.3	0.4	0.0	0.6
Pathologists	571.4	5.6	1.4	7.4	7.8	85.3	79.3	289.9	87.4	2.2	2.7	2.5
Diagnostic Radiologists.....	413.6	3.6	1.1	8.3	6.6	59.9	75.7	196.3	54.5	4.0	2.1	1.7
All Physicians.....	12,788.7	85.7	38.1	125.5	112.9	949.1	3,237.3	7,069.4	1,060.0	47.4	33.2	30.2

Notes:

- 1) Quebec is the only province that does not participate in a reciprocal billing agreement between provinces. See "Out-of-Province Services" in *Medical Services Plan Coverage Benefits*.
- 2) Saskatchewan is reimbursed by the other provinces or territories at Saskatchewan Physician Payment Schedule rates.
- 3) See "Data Limitations" in *Statistical Figures and Tables*.

Table 13a

Payments (\$000's) for Out-of-Province Hospital Services By Location and Type of Care

	Location of Services								
	All Locations	Maritimes & Territories	Quebec	Ontario	Manitoba	Alberta	British Columbia	United States	Rest of the World
Inpatient Treatment – High Cost Procedures									
Cochlear Implant.....	44.4	-	-	-	-	-	44.4	-	-
Bone Marrow/Stem Cell Transplant.....	378.8	-	-	-	172.2	206.6	-	-	-
Out-of-Country.....	819.9	-	-	-	-	-	-	819.9	-
Defibrillator Pacemaker Implantation.....	330.5	-	-	-	-	236.4	94.0	-	-
Liver Transplant.....	651.1	-	-	127.7	-	523.4	-	-	-
Heart or Heart and Lung Transplant.....	502.7	-	-	-	-	502.7	-	-	-
Aortic Valve.....	212.0	-	-	-	-	212.0	-	-	-
Ventricular Assist Device.....	458.5	-	-	-	-	458.5	-	-	-
Lung Transplant.....	610.6	-	-	201.3	-	409.3	-	-	-
Kidney or Kidney and Pancreas Transplant.....	244.3	-	-	-	-	244.3	-	-	-
Other Inpatient Treatment by ICD-9 Chapter of Primary Diagnosis									
I. Infectious & Parasitic Diseases.....	1,180.0	-	1.7	193.1	42.9	791.5	131.6	8.1	11.2
II. Neoplasms.....	2,899.8	37.1	1.4	233.5	227.4	2,321.7	77.4	0.3	1.1
III. Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders.....	1,099.4	-	-	20.4	69.5	895.5	111.9	1.1	1.0
IV. Diseases of Blood & Blood-Forming Organs.....	252.3	14.4	-	-	12.5	98.2	127.1	-	-
V. Mental Disorders.....	2,374.7	81.7	4.1	194.1	131.3	1,618.6	344.8	0.1	-
VI. Diseases of Nervous System & Sense Organs.....	995.0	-	-	40.3	30.5	913.8	8.6	0.2	1.6
VII. Diseases of the Circulatory System.....	6,790.0	43.4	19.7	220.1	262.5	5,816.4	410.7	11.8	5.6
VIII. Diseases of the Respiratory System.....	1,915.5	32.6	5.3	134.9	94.9	1,341.9	291.4	3.3	11.2
IX. Diseases of the Digestive System.....	4,069.9	15.3	-	117.7	149.5	3,388.9	380.5	12.7	5.3
X. Diseases of the Genitourinary System.....	749.5	2.9	-	54.8	96.7	531.9	55.6	2.2	5.4
XI. Complications of Pregnancy, Childbirth & the Puerperium.....	1,328.5	35.6	15.5	100.2	333.5	772.7	70.6	0.3	0.1
XII. Diseases of the Skin & Subcutaneous Tissue.....	424.9	5.9	0.9	5.8	122.3	227.5	61.2	1.2	0.2
XIII. Diseases of the Musculoskeletal System & Connective Tissue.....	974.8	-	-	46.9	124.8	783.0	16.1	0.1	3.9
XIV. Congenital Anomalies.....	8,361.6	117.6	10.4	41.2	14.6	8,155.8	21.9	-	-
XV. Certain Conditions Originating in the Perinatal Period.....	2,084.1	4.5	-	7.5	428.2	1,625.4	18.6	-	-
XVI. Symptoms, Signs, & Ill-defined Conditions.....	1,551.9	15.8	30.5	39.6	130.3	1,207.5	122.3	3.1	2.7
XVII. Injury and Poisoning.....	7,305.1	19.2	12.8	349.7	355.5	5,961.3	584.0	7.7	15.0
Supplementary Classifications of Factors Influencing Health Status and Contacts with Health Services.....	2,143.2	17.4	33.6	61.0	288.2	1,656.3	86.7	-	-
Outpatient Treatment									
Standard Outpatient Visit.....	15,691.6	414.3	161.6	1,102.0	1,864.6	10,392.0	1,698.2	38.4	20.4
Day Surgery.....	2,719.0	16.1	6.3	156.8	555.0	1,817.6	165.6	1.0	0.6
Haemodialysis.....	1,401.2	16.2	-	8.7	174.8	1,108.2	91.4	1.3	0.6
Computerized Axial Tomography (CAT Scan).....	1,703.9	24.0	5.1	134.9	479.5	790.4	270.1	-	-
Magnetic Resonance Imaging (MRI).....	846.8	0.7	-	53.4	269.5	492.9	30.2	-	-
Positron Emission Tomography (PET Scan).....	121.1	-	1.4	1.1	5.0	107.6	6.0	-	-
Radiotherapy Services.....	263.0	1.2	0.4	40.3	49.2	120.6	51.2	-	-
Cancer Chemotherapy Visit.....	718.0	34.1	22.6	105.6	87.0	416.0	52.7	-	-
Gamma Knife Procedure.....	547.0	-	-	37.0	510.0	-	-	-	-
Brachytherapy.....	514.3	-	-	-	-	101.8	412.5	-	-
Out-of-Country.....	1,056.2	-	-	-	-	-	-	1,046.7	9.4
Other Outpatient Treatment.....	2,768.1	74.2	22.6	26.7	166.4	2,109.9	354.0	14.3	-
Total.....	79,103.0	1,024.0	355.8	3,856.1	7,248.3	58,358.1	6,191.6	1,973.8	95.2

Notes:

- 1) More than one of the same high cost procedure can occur during a single hospitalization.
- 2) Payments for high cost procedures performed during inpatient hospitalizations will include the authorized per diem rate of the hospital when the cost of the procedure is not all-inclusive.
- 3) The majority of cochlear implants are performed in Saskatchewan as of 2013-14.
- 4) Data for hospitalizations in Flin Flon and Benito (Manitoba) are not included.
- 5) Payments for services in the United States have been adjusted to reflect their value in Canadian funds.

Table 13b

Number of Out-of-Province Hospital Cases by Location and Type of Care

	Location of Services								
	All Locations	Maritimes & Territories	Quebec	Ontario	Manitoba	Alberta	British Columbia	United States	Rest of the World
Inpatient Treatment – High Cost Procedures									
Cochlear Implant.....	1	–	–	–	–	–	1	–	–
Bone Marrow/Stem Cell Transplant.....	2	–	–	–	1	1	–	–	–
Out-of-Country.....	5	–	–	–	–	–	–	5	–
Defibrillator Pacemaker Implantation.....	23	–	–	–	–	18	5	–	–
Liver Transplant.....	5	–	–	1	–	4	–	–	–
Heart or Heart and Lung Transplant.....	4	–	–	–	–	4	–	–	–
Aortic Valve.....	4	–	–	–	–	4	–	–	–
Ventricular Assist Device.....	8	–	–	–	–	8	–	–	–
Lung Transplant.....	3	–	–	1	–	2	–	–	–
Kidney or Kidney and Pancreas Transplant.....	4	–	–	–	–	4	–	–	–
Other Inpatient Treatment by ICD-9 Chapter of Primary Diagnosis									
I. Infectious & Parasitic Diseases.....	115	–	1	9	6	39	11	16	33
II. Neoplasms.....	244	2	1	23	22	183	10	2	1
III. Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders.....	114	–	–	6	6	75	17	3	7
IV. Diseases of Blood & Blood-Forming Organs.....	24	1	–	–	4	11	8	–	–
V. Mental Disorders.....	220	14	1	25	18	112	49	1	–
VI. Diseases of Nervous System & Sense Organs.....	94	–	–	8	8	70	3	2	3
VII. Diseases of the Circulatory System.....	520	6	2	35	29	336	59	36	17
VIII. Diseases of the Respiratory System.....	279	4	3	16	28	149	43	8	28
IX. Diseases of the Digestive System.....	455	4	–	31	39	267	56	36	22
X. Diseases of the Genitourinary System.....	192	1	–	12	30	113	17	7	12
XI. Complications of Pregnancy Childbirth & the Puerperium.....	424	7	6	37	101	248	23	1	1
XII. Diseases of the Skin & Subcutaneous Tissue.....	45	2	1	2	6	22	7	3	2
XIII. Diseases of the Musculoskeletal System & Connective Tissue.....	179	–	–	9	40	120	4	1	5
XIV. Congenital Anomalies.....	240	2	4	8	6	217	3	–	–
XV. Certain Conditions Originating in the Perinatal Period.....	125	1	–	2	24	92	6	–	–
XVI. Symptoms, Signs, & Ill-defined Conditions.....	301	4	5	15	33	178	31	19	16
XVII. Injury and Poisoning.....	565	4	4	30	42	355	77	20	33
Supplementary Classifications of Factors Influencing Health Status and Contacts with Health Services.....	521	8	5	22	103	355	28	–	–
Outpatient Treatment									
Standard Outpatient Visit.....	48,588	1,257	490	3,331	5,686	31,462	5,131	769	462
Day Surgery.....	2,181	13	5	125	449	1,441	131	10	7
Haemodialysis.....	3,080	35	–	19	381	2,410	198	26	11
Computerized Axial Tomography (CAT Scan).....	2,343	33	7	185	662	1,085	371	–	–
Magnetic Resonance Imaging (MRI).....	1,221	1	–	77	390	710	43	–	–
Positron Emission Tomography (PET Scan).....	78	–	1	1	4	68	4	–	–
Radiotherapy Services.....	654	3	1	100	124	299	127	–	–
Cancer Chemotherapy Visit.....	513	25	16	75	63	297	37	–	–
Gamma Knife Procedure.....	32	–	–	2	30	–	–	–	–
Brachytherapy.....	52	–	–	–	–	19	33	–	–
Out-of-Country.....	11	–	–	–	–	–	–	11	–
Other Outpatient Treatment.....	11,538	452	74	55	1,003	7,983	1,971	–	–
Total.....	75,007	1,879.0	627.0	4,262.0	9,338.0	48,761.0	8,504.0	976.0	660.0

Notes:

- 1) More than one of the same high cost procedure can occur during a single hospitalization.
- 2) The majority of cochlear implants are performed in Saskatchewan as of 2013-14.
- 3) Data for hospitalizations in Flin Flon and Benito (Manitoba) are not included.
- 4) Standard Outpatient Visits on the day of admission and any inpatient MRIs, CAT Scans, etc. are part of hospitalizations for other inpatient treatment by high cost procedure or by diagnosis.

Table 14a

Payments (\$000's) for Out-of-Province Residents Hospitalized In Saskatchewan By Place of Residence and Type of Care

	Home Province or Territory of Beneficiary						
	All Locations	Maritimes & Territories	Quebec	Ontario	Manitoba	Alberta	British Columbia
Inpatient Treatment – High Cost Procedures							
Defibrillator-Pacemaker.....	3.5	–	–	–	–	–	3.5
Inpatient Treatment by ICD-9 Chapter of Primary Diagnosis							
I. Infectious & Parasitic Diseases.....	210.8	4.7	1.5	1.3	108.4	68.5	26.3
II. Neoplasms.....	828.8	24.3	–	13.6	471.6	292.8	26.5
III. Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders.....	467.5	16.5	3.1	4.8	189.8	193.0	60.2
IV. Diseases of Blood and Blood-Forming Organs.....	88.4	–	–	3.9	45.0	29.0	10.5
V. Mental Disorders.....	3,158.3	206.0	85.0	328.7	264.8	1,968.9	304.9
VI. Diseases of the Nervous System & Sense Organs.....	273.7	9.6	7.6	36.6	98.9	32.9	88.0
VII. Diseases of the Circulatory System.....	2,424.0	70.5	42.3	316.2	756.9	832.9	405.2
VIII. Diseases of the Respiratory System.....	1,164.7	13.1	38.6	148.6	351.4	537.0	76.1
IX. Diseases of the Digestive System.....	1,308.8	103.2	7.2	158.7	395.1	454.9	189.8
X. Diseases of the Genitourinary System.....	401.9	12.7	1.3	22.0	154.6	153.6	57.7
XI. Complications of Pregnancy, Childbirth & the Puerperium.....	789.4	25.1	5.7	39.8	372.3	280.4	66.1
XII. Diseases of the Skin and Subcutaneous Tissue.....	172.3	5.1	–	17.6	36.1	27.4	86.2
XIII. Diseases of the Musculoskeletal System & Connective Tissue.....	669.0	17.4	–	–	239.7	324.9	86.9
XIV. Congenital Anomalies.....	85.9	–	–	4.2	70.1	10.3	1.4
XV. Certain Conditions Originating in the Perinatal Period.....	1,302.1	–	–	3.8	119.7	945.9	232.6
XVI. Symptoms, Signs, and Ill-defined Conditions.....	985.2	18.2	11.5	63.0	227.9	365.3	299.3
XVII. Injury and Poisoning.....	2,148.2	9.5	16.9	364.4	516.7	873.0	367.6
Supplementary Classifications of Factors Influencing Health Status and Contacts with Health Services.....	915.4	37.7	0.9	85.4	205.1	479.7	106.7
Outpatient Treatment							
Standard Outpatient Visit.....	9,152.0	415.3	105.9	820.3	2,838.6	3,993.2	978.8
Day Surgery.....	1,661.1	39.9	5.0	86.1	701.2	740.4	88.4
Haemodialysis.....	129.5	2.3	1.4	32.6	45.7	33.2	14.3
Computerized Axial Tomography (CAT Scan).....	626.1	32.8	8.0	68.0	183.5	250.1	83.8
Magnetic Resonance Imaging (MRI).....	149.7	5.6	0.7	17.4	34.8	80.1	11.2
Radiotherapy Services.....	83.1	–	–	6.1	33.6	45.4	-2.0
Cancer Chemotherapy Visit.....	185.7	1.7	–	4.1	63.8	109.1	7.0
Other Outpatient Treatment.....	627.7	30.7	4.7	64.5	143.8	309.1	74.9
Total.....	30,012.8	1,101.9	347.3	2,711.4	8,669.2	13,431.1	3,751.9

- Notes:**
- 1) More than one of the same high cost procedure can occur during a single hospitalization.
 - 2) Payments for high cost procedures performed during inpatient hospitalizations will include the authorized per diem rate of the hospital when the cost of the procedure is not all-inclusive.

Table 14b**Number of Saskatchewan Hospital Cases for Services Provided to Out-of-Province Residents by Place of Residence and Type of Care**

	Home Province or Territory of Beneficiary						
	All Locations	Maritimes & Territories	Quebec	Ontario	Manitoba	Alberta	British Columbia
Inpatient Treatment – High Cost Procedures							
Defibrillator-Pacemaker.....	1	–	–	–	–	–	1
Inpatient Treatment by ICD-9 Chapter of Primary Diagnosis – Cases							
I. Infectious & Parasitic Diseases.....	25	2	1	1	7	12	2
II. Neoplasms.....	93	1	–	4	60	21	7
III. Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders.....	71	8	1	2	24	29	7
IV. Diseases of Blood and Blood-Forming Organs.....	17	–	–	1	4	10	2
V. Mental Disorders.....	235	16	3	21	29	136	30
VI. Diseases of the Nervous System & Sense Organs.....	36	3	2	5	14	5	7
VII. Diseases of the Circulatory System.....	226	7	2	33	62	93	29
VIII. Diseases of the Respiratory System.....	154	2	3	20	60	58	11
IX. Diseases of the Digestive System.....	240	16	2	25	75	94	28
X. Diseases of the Genitourinary System.....	118	4	1	9	48	46	10
XI. Complications of Pregnancy, Childbirth & the Puerperium.....	259	9	2	15	114	95	24
XII. Diseases of the Skin and Subcutaneous Tissue.....	20	1	–	1	6	8	4
XIII. Diseases of the Musculoskeletal System & Connective Tissue.....	85	2	–	–	29	48	6
XIV. Congenital Anomalies.....	24	–	–	2	17	4	1
XV. Certain Conditions Originating in the Perinatal Period	68	–	–	1	39	19	9
XVI. Symptoms, Signs, and Ill-defined Conditions.....	166	8	1	12	50	66	29
XVII. Injury and Poisoning.....	245	4	5	22	66	125	23
Supplementary Classifications of Factors Influencing Health Status and Contacts with Health Services.....	221	7	1	15	104	73	21
Outpatient Treatment							
Standard Outpatient Visit.....	27,805	1,267	322	2,507	8,605	12,105	2,999
Day Surgery.....	1,325	32	4	69	560	589	71
Haemodialysis.....	283	5	3	71	99	72	33
Computerized Axial Tomography (CAT Scan).....	868	48	11	94	253	345	117
Magnetic Resonance Imaging (MRI).....	217	8	1	25	50	117	16
Radiotherapy Services.....	210	–	–	15	83	112	–
Cancer Chemotherapy Visit.....	135	2	–	3	46	79	5
Other Outpatient Treatment.....	3,747	188	28	386	805	1,868	472
Total.....	36,894	1,640	393	3,359	11,309	16,229	3,964

Notes:

- 1) More than one of the same high cost procedure can occur during a single hospitalization.
- 2) Standard Outpatient Visits on the day of admission and any inpatient MRIs, CAT Scans, etc. are part of hospitalizations for other inpatient treatment by high cost procedure or by diagnosis.

Table 15**In-Province Physician Services by Type of Service and Type of Physician**

Type of Service ¹ (000's)	Type of Physician								
	General Practitioners	Paediatricians and Medical Geneticists	Internists and Psychiatrists	Neurologists	Cardiologists	Psychiatrists	Dermatologists	General Surgeons	Cardiac Surgeons
Visits									
Consultations.....	27.2	32.0	125.2	21.9	30.2	15.4	18.5	61.3	2.6
Special Eye Examination.....	–	–	–	–	–	–	–	–	–
Major Assessments.....	479.7	12.2	5.4	1.0	0.4	6.0	4.8	1.9	–
Other Assessments.....	3,681.9	43.8	96.1	14.9	14.1	22.3	18.2	52.1	0.9
Hospital Care Days.....	336.4	37.3	225.3	12.0	22.2	12.0	–	20.7	0.2
Special Calls and Emergency									
Surcharges.....	143.2	3.8	22.4	2.9	3.8	3.6	0.2	9.5	0.9
Premiums.....	6.6	0.5	3.8	0.1	0.3	0.3	–	0.3	0.0
Psychotherapy									
Base Time ²	144.9	0.1	0.1	–	–	101.8	0.4	–	–
Additional Time.....	87.0	0.0	0.1	–	–	99.5	0.2	–	–
Major Surgery.....	5.1	–	0.6	0.7	0.7	–	0.2	17.0	6.0
Minor Surgery.....	163.7	0.2	0.6	–	0.2	–	39.5	7.1	0.3
Surgical Assistance.....	136.5	–	0.0	–	0.2	–	–	7.0	0.7
Obstetrics.....	9.3	–	–	–	–	–	–	–	–
Anaesthesia									
Operative.....	84.4	–	–	–	–	–	–	–	–
Nerve Blocks and Epidurals.....	8.2	–	0.4	0.3	–	–	–	–	–
Diagnostic Radiology.....	–	–	–	–	–	–	–	–	–
Pathology/Laboratory Services.....	282.6	0.1	–	–	–	–	0.2	–	–
Diagnostic Ultrasound.....	0.0	2.6	9.1	0.0	53.4	–	–	–	–
Other Diagnostic and Therapeutic Services.....	333.2	115.9	423.0	18.3	160.5	120.4	5.1	65.1	0.4
Special Services.....	118.9	0.0	0.1	–	–	–	1.9	11.9	–
Miscellaneous Services ³	717.5	25.1	84.0	9.7	9.1	28.9	3.4	16.5	1.0
Total Services.....	6,766.3	273.5	996.1	81.7	295.0	410.2	92.3	270.3	13.2

¹ The "Definitions of Service Groupings", in *Statistical Figures and Tables* describes inclusions in these classifications.

² Represents the number of instances these types of services were provided during the year.

³ This category includes fee codes related to telephone/fax/email advice by physicians to physicians or allied health personnel and the fee code for hospital discharge and documentation.

Note: Totals may not match other tables exactly due to rounding. See "Data Limitations" in *Statistical Figures and Tables*.

Table 15 (Continued)**In-Province Physician Services by Type of Service and Type of Physician**

Type of Service ¹ (000's)	Type of Physician									Total Services
	Orthopaedic Surgeons	Plastic and Reconstructive Surgeons	Neurological Surgeons	Obstetricians and Gynaecologists	Urological Surgeons	Ophthalmologists	Otolaryngologists	Anaesthetists	Pathologists and Diagnostic Radiologists	
Visits										
Consultations.....	47.0	18.3	6.3	50.7	14.9	51.5	34.1	12.4	0.6	570.0
Special Eye Examination.....	–	–	–	–	–	0.3	–	–	–	0.3
Major Assessments.....	0.2	0.3	–	9.2	3.3	22.5	4.2	–	0.0	551.1
Other Assessments	63.8	16.8	4.7	95.5	11.3	99.5	31.7	5.3	–	4,272.8
Hospital Care Days.....	3.0	0.1	2.5	5.2	0.5	0.1	0.8	–	–	678.3
Special Calls and Emergency										
Surcharges.....	7.2	1.9	1.5	7.5	1.4	1.7	1.3	14.8	0.5	227.9
Premiums.....	–	–	–	–	–	–	–	13.6	–	25.4
Psychotherapy										
Base Time ²	–	–	–	2.9	–	–	–	–	–	250.3
Additional Time	–	–	–	1.2	–	–	–	–	–	188.0
Major Surgery.....	29.5	10.0	8.8	7.0	6.2	39.3	12.8	–	0.2	143.9
Minor Surgery.....	1.9	9.3	0.1	1.5	2.1	35.5	5.1	–	0.2	267.4
Surgical Assistance.....	3.3	0.7	0.6	7.3	4.3	–	2.4	–	–	163.0
Obstetrics	–	–	–	21.9	–	–	–	–	–	31.2
Anaesthesia										
Operative.....	–	–	–	–	–	–	–	676.6	–	760.9
Nerve Blocks and Epidurals.....	0.7	–	0.0	0.2	0.0	–	–	28.7	2.7	41.2
Diagnostic Radiology.....	–	–	–	–	–	–	–	–	274.7	274.7
Pathology/Laboratory Services	–	–	–	17.7	–	–	–	–	–	300.6
Diagnostic Ultrasound	–	–	–	18.3	–	13.5	–	0.5	186.2	283.6
Other Diagnostic and Therapeutic Services.....	26.6	2.7	1.4	24.5	10.5	570.0	86.3	7.7	66.6	2,038.1
Special Services.....	–	0.4	–	16.6	0.1	–	–	–	–	149.8
Miscellaneous Services ³	12.5	1.0	3.3	20.9	4.5	7.3	23.5	0.3	0.4	968.8
Total Services	195.6	61.6	29.1	308.1	59.2	841.1	202.3	759.9	532.0	12,187.4

Table 16**Selected In-Province Medical Procedures – Patients, Services and Payments**

Type of Procedure	Number of Services	Rate Per 1,000 Beneficiaries			Per Cent Change in Services/1000 2015-16 to 2016-17
		Patients	Payments	Services	
Electrocardiograms and Echocardiograms	480,639	164.02	11,343.69	409.55	0.96
Allergy Investigations and Hyposensitization Injections	199,106	6.34	360.39	169.66	-10.30
Psychological Testing.....	107,126	14.74	3,697.10	91.28	69.28
Artificial Extra Corporeal Haemodialysis	102,088	1.01	4,674.30	86.99	1.76
Submission of Papanicolaou Smear.....	81,071	129.29 ^f	2,713.39 ^f	137.43 ^f	-7.47
Optical Coherence Tomography	71,699	39.11	2,714.78	61.09	5.05
Removal of Cysts, Granulomata, Keratoses, Moles, etc.	36,495	23.99	1,764.90	31.10	-0.79
Pulmonary Function Studies.....	36,353	17.60	1,542.41	30.98	4.20
Plantar Wart Excision or Fulguration.....	31,168	11.60	504.99	26.56	-2.77
Arthrocentesis - Joint Injections.....	28,403	14.91	472.39	24.20	5.43
Colonoscopy	27,892	22.77	4,850.17	23.77	-0.01
Upper GI Endoscopy.....	20,525	15.01	2,556.34	17.49	0.12
Cataract Extraction.....	13,341	7.11	4,536.07	11.37	2.35
Suturing of Wounds.....	12,554	9.86	865.26	10.70	-1.05
Delivery - Vaginal.....	10,819	18.07 ^f	17,120.23 ^f	18.34 ^f	-1.70
Cystoscopy.....	10,513	7.36	956.32	8.96	5.56
Coronary Angiography	6,376	4.41	1,030.46	5.43	2.03
Fractures, Open Surgical or Closed Reduction	6,124	4.44	2,642.63	5.22	-5.71
Cardiac Catheterization	6,085	4.14	755.63	5.18	-3.57
Angioplasty	5,125	2.10	2,064.03	4.37	4.51
Electroencephalograms or Echoencephalograms.....	4,695	3.36	105.48	4.00	7.65
Arthroscopy	4,484	3.63	522.49	3.82	-8.47
Sigmoidoscopy.....	3,658	2.76	194.79	3.12	-1.09
Hernia Repair	3,328	2.61	1,306.11	2.84	-5.55
Delivery - Caesarean.....	3,268	5.53 ^f	5,082.52 ^f	5.54 ^f	-1.62
Gall Bladder or Other Biliary Tract Surgery.....	2,600	2.20	1,501.54	2.22	-6.67
Vasectomy.....	2,513	4.28 ^m	1,180.05 ^m	4.31 ^m	17.25
Arthroplasty - Knee or Total Knee Replacement.....	2,401	1.86	1,750.39	2.05	-8.58
- Hip or Total Hip Replacement	1,859	1.51	1,465.17	1.58	-4.86
Electroconvulsive Therapy.....	1,856	0.19	128.18	1.58	6.34
Therapeutic Abortion	1,803	2.95 ^f	555.09 ^f	3.06 ^f	-11.10
Tonsillectomy (With or without Adenoidectomy).....	1,719	1.46	507.54	1.46	24.42
Septoplasty or Submucous Resection	1,444	1.13	436.81	1.23	30.60
Dilatation and Curettage	1,279	2.10 ^f	416.39 ^f	2.17 ^f	-11.40
Tubal Ligation	1,108	1.87 ^f	444.94 ^f	1.88 ^f	-16.90
Appendectomy	1,087	0.92	523.83	0.93	4.90
Prostatectomy (With or Without Vasectomy).....	891	1.49 ^m	1,441.18 ^m	1.53 ^m	-3.54
Salpingectomy, Oophorectomy &/or Ovarian Cystectomy.....	708	1.18	551.45	1.2	4.37
Genital Prolapse Repair	635	0.76 ^f	288.42 ^f	1.08 ^f	-4.51
Coronary By-Pass.....	572	0.49	1,482.68	0.49	-14.50
Varicose Veins (Ligation).....	483	0.20	77.22	0.41	-22.10
Hysterectomy - Abdominal.....	323	0.55 ^f	332.90 ^f	0.55 ^f	-29.00
Strabismus Operation	263	0.16	79.38	0.22	0.93
Hysterectomy - Vaginal.....	251	0.43 ^f	229.16 ^f	0.43 ^f	-5.27
Peptic Ulcer Surgery	112	0.09	83.73	0.10	-3.86

^f Rate per 1,000 female beneficiaries.^m Rate per 1,000 male beneficiaries.**Notes:** Includes out-of-province services and costs.

Table 17**Selected In-Province Medical Conditions – Patients, Services and Payments**

Conditions	I.C.D. ¹	Number of Services (000's)	Rate Per 1,000 Beneficiaries		
			Patients	Payments	Services
Diseases Affecting Genitourinary Tract.....	580 - 599, 788	419	78.4	18,142	357
Diabetes Mellitus.....	250	370	58.4	10,880	315
General Medical Examination - No Specific Diagnosis.....	V70	330	157	13,498	281
Psychoses.....	295 - 299	321	21	12,808	273
Acute Upper Respiratory Infection (Except Influenza).....	460 - 465	301	165.3	10,350	257
Hypertension.....	401 - 405	293	108.6	9,100	249
Chronic Sinusitis & Other Respiratory Symptoms.....	473 & 786	241	86	11,738	206
Neuroses.....	300	202	54	7,702	172
Glaucoma.....	365	184	19	4,885	157
Ischaemic Heart Disease.....	410 - 414	175	25.7	11,733	149
Arthritis.....	710 - 716	165	48.4	8,380	141
Cataract.....	366	159	16	8,258	135
Rheumatic Disease.....	725 - 729	157	69.2	6,928	134
Vertebrogenic Pain Syndrome.....	724	137	49	8,191	117
Cardiac Disrhythmias.....	427	126	24.6	5,687	108
Symptomatic Heart Disease.....	428 & 429	111	20	5,086	94
Asthma.....	493	104	32.7	2,868	89
Otitis Media.....	381 & 382	99	43	3,832	84
Eczema.....	690 - 692	96	46.5	2,968	82
Bronchitis.....	466, 490 & 491	84	49	2,986	71
Pneumonia.....	480 - 486	77	15.8	2,962	65
Chronic Airways Obstruction.....	496	74	13.9	2,825	63
Cellulitis and Abscess.....	681 & 682	72	25.9	2,681	62
Cerebrovascular Disease.....	430 - 438	65	6.6	2,946	55
Myxedema.....	244	60	28.9	1,731	51
Diarrheal Disease.....	9	56	26.9	2,405	48
Disorders of Menstruation.....	Z082 & 626	54	38.3 ^f	4,542 ^f	91 ^f
Anaemias.....	280 - 285	52	17	2,309	44
Hay Fever.....	477	46	6.7	451	39
Hyperkinetic Syndrome of Childhood (ADHD).....	314	36	6.4	1,625	30
Infective Disease of Uterus (Except Cervix), Vagina, and Vulva.....	615 & 616	35	28.2 ^f	2,361 ^f	60 ^f
Migraine.....	346	29	12.5	1,134	24
Varicose Veins of Lower Extremity.....	454	22	4.5	679	19
Gastritis and Duodenitis.....	535	20	10.9	743	17
Menopausal Symptoms.....	627	17	15.9 ^f	1,250 ^f	29 ^f
Influenza.....	487	15	10.4	489	13
Disorders of Functions of Stomach.....	536 & 537	15	8.1	657	13
Alcoholic Psychosis and Alcoholism.....	291 & 303	15	3.2	632	13
Multiple Sclerosis.....	340	15	2.2	579	13
Epilepsy.....	345	14	4	675	12
Alzheimer's Disease and Other Cerebral Degenerations.....	331	11	1.5	485	9
Obesity.....	278	8	4.4	437	7
Ulcers of Duodenum and Stomach.....	531 - 534	6	2.7	303	5

¹ Ninth Revision International Classification of Diseases, 1977.

² MSP internally assigned code for the identification of a specific condition which is grouped within a general category in the I.C.D.

^f Rate per 1,000 female beneficiaries.

Notes: MSP records only one diagnosis of symptoms per claim even though the patient may have more than one condition.

Table 18

Turnover* of Physicians

	General Practitioners					
	Metro		Urban		Rural	
	Number	Per Cent Turnover	Number	Per Cent Turnover	Number	Per Cent Turnover
Practising in 2011-12 ¹	404	7.2	178	3.4	194	17.5
Still Practising in 2012-13 ²	375		172		160	
Practising in 2012-13 ¹	427	8.0	190	12.6	215	15.3
Still Practising in 2013-14 ²	393		166		182	
Practising in 2013-14 ¹	430	14.7	201	14.9	234	17.9
Still Practising in 2014-15 ²	367		171		192	
Practising in 2014-15 ¹	412	5.8	201	12.9	254	16.5
Still Practising in 2015-16.....	388		175		212	
Practising in 2015-16 ¹	450	10.9	213	7.5	255	20.8
Still Practising in 2016-17.....	401		197		202	
Practising in 2016-17 ¹	458		245		228	

	General Practitioners		Specialists		All Physicians	
	Number	Per Cent Turnover	Number	Per Cent Turnover	Number	Per Cent Turnover
	Practising in 2011-12 ¹	776	8.9	651	5.8	1,427
Still Practising in 2012-13 ²	707		613		1,320	
Practising in 2012-13 ¹	832	10.9	703	9.2	1,535	10.2
Still Practising in 2013-14 ²	741		638		1,379	
Practising in 2013-14 ¹	865	15.6	694	8.5	1,559	12.4
Still Practising in 2014-15 ²	730		635		1,365	
Practising in 2014-15 ¹	867	10.6	729	7.7	1,596	9.3
Still Practising in 2015-16 ²	775		673		1,448	
Practising in 2015-16 ¹	918	12.9	781	10.2	1,699	11.7
Still Practising in 2016-17 ²	800		701		1,501	
Practising in 2016-17 ¹	931		799		1,730	

* Turnover includes physicians who have left the province, physicians who have moved to different communities within the province, physicians who did not meet the billing threshold and physicians who remain in the same location but have changed specialties. Turnover does not reflect the percentage of physicians not retained.

¹ Physicians with their own MSP billing numbers receiving \$15,000 or more in the fourth quarter and practising in Saskatchewan at the end of the fiscal year.

² Physicians with their own MSP billing numbers receiving \$15,000 or more in the fourth quarter of two consecutive years and practising in Saskatchewan at the end of both fiscal years.

Notes:

- 1) The net number of physicians who entered practice in 2016-17 was 229, the difference between "Practising" (1,730) and "Still Practising" (1,501).
- 2) Data capture may not be complete for physicians participating in non-fee-for-service arrangements. Data, including the number of active physicians, may be affected by the extent of shadow billing.
- 3) All current recruitment and retention initiatives are outlined in the Appendix.
- 4) The table has been adjusted historically, as Lloydminster is now classified as a Urban Community.

Table 19

Physicians in Relation to Population and Practice Size

Type of Physician ¹	Number of Physicians		Population Per Physician (000's)		Average Number of Patients Per Physician ² (000's)		Average Patient Contacts Per Physician ³ (000's)		Per Cent of Beneficiaries Treated	
	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17
General Practitioner⁴	918	955	1.3	1.2	2.1	2.1	5.0	4.8	78.8	78.0
Specialists⁴										
Paediatricians and Medical Geneticists.....	61	66	18.8	17.8	0.9	0.9	1.8	1.8	3.6	3.7
Internists and Physiatrists.....	146	159	7.9	7.4	1.7	1.7	3.7	3.6	13.3	13.7
Neurologists.....	17	18	67.6	65.2	1.7	1.7	2.9	2.8	2.3	2.3
Cardiologists.....	27	26	42.5	45.1	4.2	4.3	3.6	3.5	6.0	6.1
Psychiatrists.....	63	67	18.2	17.5	0.5	0.5	1.9	2.1	2.0	2.3
Dermatologists.....	8	9	143.6	130.4	2.8	2.8	4.9	4.8	1.9	2.1
Anaesthetists.....	112	113	10.3	10.4	0.8	0.8	0.9	0.9	6.0	6.1
General Surgeons.....	75	81	15.3	14.5	1.0	1.0	2.1	2.0	5.7	5.8
Cardiac Surgeons.....	6	6	191.4	195.6	0.7	0.6	1.0	1.0	0.3	0.2
Orthopaedic Surgeons.....	43	43	26.7	27.3	1.4	1.4	2.8	2.8	4.6	4.6
Plastic and Reconstructive Surgeons.....	15	14	76.6	83.8	1.4	1.6	2.8	3.1	1.8	1.8
Neurological Surgeons.....	12	13	95.7	90.3	0.7	0.7	1.3	1.2	0.7	0.7
Obstetricians and Gynaecologists.....	64	62	17.9	18.9	1.2	1.3	2.7	2.9	4.6	4.7
Urological Surgeons.....	17	17	67.6	69.0	1.3	1.4	2.0	2.2	1.6	1.8
Ophthalmologists.....	27	28	42.5	41.9	3.2	3.2	7.5	7.5	7.1	7.0
Otolaryngologists.....	15	18	76.6	65.2	2.6	2.5	4.2	4.2	3.3	3.6
Pathologists and Diagnostic Radiologists.....	73	76	15.7	15.4	4.2	4.1	0.2	0.2	18.7	19.5
All Specialists⁴	781	816	1.5	1.4	1.6	1.7	2.4	2.4	43.7	44.3
All Physicians⁴	1,699	1,771	0.7	0.7	1.9	1.9	3.8	3.7	81.4	80.7
Licensed Physicians ⁵	2,375	2,491	0.5	0.5	-	-	-	-	-	-

- ¹ Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.
- ² The size of practice is the number of discrete beneficiaries on whose behalf a claim was paid during the year.
- ³ A patient contact represents each time a physician saw a patient regardless of the number of services provided at the time. The limit is one contact per patient, same doctor, same date of service. X-ray, ultrasound and laboratory services, and any professional interpretations of procedures are not considered to be patient contacts.
- ⁴ Physicians with their own MSP billing numbers receiving \$60,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.
- ⁵ Licensed physicians, as of the last day of the fiscal year, includes temporary licensed locum physicians but excludes educational locums and medical residents.

Notes:

- 1) Earnings, size of practice and patient contacts may reflect an upward bias as a result of physicians sponsoring locums.
- 2) Data capture may not be complete for physicians participating in non-fee-for-service arrangements. Data, including the number of active physicians, may be affected by the extent of shadow billing.

Table 20

Physicians by Size of Practice

Type of Physician ¹	Number of Physicians ²	Size of Practice by Range of Patients ³							
		Less Than 501	501-1,000	1,001-1,500	1,501-2,000	2,001-2,500	2,501-3,000	3,001-3,500	More Than 3,500
General Practitioners									
Metro Association.....	392	17	51	68	65	52	22	28	89
Metro Solo.....	86	25	23	11	14	7	2	2	2
Urban Association.....	182	5	19	44	36	15	14	18	31
Urban Solo.....	47	9	8	4	7	6	4	3	6
Rural Association.....	226	1	23	65	65	45	15	7	5
Rural Solo.....	22	2	5	4	4	1	2	2	2
All General Practitioners 2016-17	955	59	129	196	191	126	59	60	135
All General Practitioners 2015-16.....	918	50	127	191	182	121	61	49	137
Specialists									
Paediatricians and Medical Geneticists.....	66	18	33	10	2	0	1	0	2
Internists and Physiatrists.....	159	22	43	25	22	17	12	4	14
Neurologists.....	18	2	2	4	3	6	0	0	1
Cardiologists.....	26	0	2	0	3	1	5	0	15
Psychiatrists.....	67	41	21	3	1	1	0	0	0
Dermatologists.....	9	0	1	1	0	3	1	1	2
Anaesthetists.....	113	17	69	24	2	1	0	0	0
General Surgeons.....	81	15	31	18	16	0	1	0	0
Cardiac Surgeons.....	6	2	4	0	0	0	0	0	0
Orthopaedic Surgeons.....	43	1	9	17	10	3	2	0	1
Plastic and Reconstructive Surgeons.....	14	0	3	5	3	1	0	2	0
Neurological Surgeons.....	13	2	10	1	0	0	0	0	0
Obstetricians and Gynaecologists.....	62	6	16	19	13	4	4	0	0
Urological Surgeons.....	17	2	0	8	5	1	1	0	0
Ophthalmologists.....	28	0	0	3	3	6	0	4	12
Otolaryngologists.....	18	1	3	1	1	2	4	2	4
Pathologists and Diagnostic Radiologists.....	76	3	9	2	5	6	6	5	40
All Specialists 2016-17	816	132	256	141	89	52	37	18	91
All Specialists 2015-16.....	781	123	248	143	92	39	24	25	87
All Physicians 2016-17	1,771	191	385	337	280	178	96	78	226
All Physicians 2015-16.....	1,699	173	375	334	274	160	85	74	224

¹ Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

² Physicians with their own MSP billing numbers receiving \$60,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

³ The size of practice is the number of discrete beneficiaries on whose behalf a claim was paid during the year.

Notes:

1) Earnings and size of practice may reflect an upward bias as a result of physicians sponsoring locums.

2) Data capture may not be complete for physicians participating in non-fee-for-service arrangements. Data, including the number of active physicians, may be affected by the extent of shadow billing.

Table 21

Physicians by Range of Patient Contacts

Type of Physician ¹	Number of Physicians ²	Range of Patient Contacts ³						
		1-2,000	2,001-4,000	4,001-6,000	6,001-8,000	8,001-10,000	10,001-12,000	Over 12,000
General Practitioners								
Metro Association.....	392	54	132	82	52	27	22	23
Metro Solo.....	86	44	8	14	9	5	4	2
Urban Association.....	182	25	70	33	23	15	10	6
Urban Solo.....	47	19	5	4	7	8	–	4
Rural Association.....	226	34	99	62	20	6	3	2
Rural Solo.....	22	4	5	2	4	1	3	3
All General Practitioners 2016-17.....	955	180	319	197	115	62	42	40
All General Practitioners 2015-16.....	918	176	269	205	110	71	45	42
Specialists								
Paediatricians and Medical Geneticists.....	66	48	15	1	1	–	1	–
Internists and Physiatrists.....	159	56	58	24	9	4	3	5
Neurologists.....	18	6	9	2	1	–	–	–
Cardiologists.....	26	4	15	5	1	1	–	–
Psychiatrists.....	67	46	11	7	2	–	–	1
Dermatologists.....	9	1	2	4	1	–	1	–
Anaesthetists.....	113	111	2	–	–	–	–	–
General Surgeons.....	81	45	32	4	–	–	–	–
Cardiac Surgeons.....	6	6	–	–	–	–	–	–
Orthopaedic Surgeons.....	43	13	26	2	1	1	–	–
Plastic and Reconstructive Surgeons.....	14	5	6	1	2	–	–	–
Neurological Surgeons.....	13	13	–	–	–	–	–	–
Obstetricians and Gynaecologists.....	62	25	22	12	3	–	–	–
Urological Surgeons.....	17	8	7	2	–	–	–	–
Ophthalmologists.....	28	2	1	7	6	6	5	1
Otolaryngologists.....	18	4	4	5	4	1	–	–
Pathologists and Diagnostic Radiologists.....	76	74	2	–	–	–	–	–
All Specialists 2016-17.....	816	467	212	76	31	13	10	7
All Specialists 2015-16.....	781	454	190	79	27	12	10	9
All Physicians 2016-17.....	1,771	647	531	273	146	75	52	47
All Physicians 2015-16.....	1,699	630	459	284	137	83	55	51

¹ Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

² Physicians with their own MSP billing numbers receiving \$60,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

³ A patient contact represents each time the practitioner saw a patient regardless of the number of services provided at the time. The limit is one contact per patient, same physician, same date of service. X-ray, ultrasound and laboratory services and any professional interpretations of procedures are not considered to be patient contacts.

Notes:

1) Earnings and patient contacts may reflect an upward bias as a result of physicians sponsoring locums.

2) Data capture may not be complete for physicians participating in non-fee-for-service arrangements. Data, including the number of active physicians, may be affected by the extent of shadow billing.

Table 22

Physicians by Place of Graduation¹

Type of Physician ²	Number of Physicians ³	Canada		U.S.A, Central and South America	United Kingdom and Eire	Continental Europe	Asia	Africa	Australia	
		Sask.	Other Prov.							
General Practitioners										
Metro Association.....	392	177	25	6	17	10	63	93	1	
Metro Solo.....	86	24	3	3	6	2	28	19	1	
Urban Association.....	182	38	6	6	15	5	23	87	2	
Urban Solo.....	47	6	1	2	4	1	9	24	–	
Rural Association.....	226	37	7	5	13	5	31	125	3	
Rural Solo.....	22	6	–	2	4	1	2	7	–	
All General Practitioners 2016-17	955	288	42	24	59	24	156	355	7	
All General Practitioners 2015-16.....	918	269	38	24	62	21	148	353	3	
Specialists										
Paediatricians and Medical Geneticists.....	66	13	23	2	3	3	14	7	1	
Internists and Physiatrists.....	159	55	29	7	7	11	23	26	1	
Neurologists.....	18	5	4	1	1	–	3	4	–	
Cardiologists.....	26	13	2	1	–	1	5	4	–	
Psychiatrists.....	67	27	7	3	1	2	9	18	–	
Dermatologists.....	9	5	4	–	–	–	–	–	–	
Anaesthetists.....	113	57	21	1	1	2	10	21	–	
General Surgeons.....	81	29	23	2	–	2	11	14	–	
Cardiac Surgeons.....	6	1	4	–	–	1	–	–	–	
Orthopaedic Surgeons.....	43	26	5	–	–	–	3	9	–	
Plastic and Reconstructive Surgeons.....	14	7	3	2	–	–	–	2	–	
Neurological Surgeons.....	13	4	2	1	–	–	2	4	–	
Obstetricians and Gynaecologists.....	62	24	12	2	1	2	6	15	–	
Urological Surgeons.....	17	7	6	–	–	–	–	3	1	
Ophthalmologists.....	28	18	–	1	4	–	3	2	–	
Otolaryngologists.....	18	10	1	–	1	–	–	6	–	
Pathologists and Diagnostic Radiologists.....	76	32	25	1	3	1	8	5	1	
All Specialists 2016-17	816	333	171	24	22	25	97	140	4	
All Specialists 2015-16.....	781	323	161	21	18	26	91	139	2	
All Physicians 2016-17	1,771	621	213	48	81	49	253	495	11	
Per Cent Distribution 2015-16.....	100%	35%	12%	3%	5%	3%	14%	28%	1%	
All Physicians 2015-16	1,699	592	199	45	80	47	239	492	5	
Per Cent Distribution 2015-16.....	100%	35%	12%	3%	5%	3%	14%	29%	0%	

¹ The place of graduation is the location at which the first medical degree was obtained.

² Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

³ Physicians with their own MSP billing numbers receiving \$60,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

Notes:

- 1) Data capture may not be complete for physicians participating in non-fee-for-service arrangements. Data, including the number of active physicians, may be affected by the extent of shadow billing.
- 2) Per Cent Distributions will not add to 100 percent due to rounding.

Table 23

Physicians by Age Group

Type of Physician ¹	Number of Physicians ²	Age Group				
		Under 35	35-44	45-54	55-64	65+
General Practitioners						
Metro Association.....	392	51	101	100	87	53
Metro Solo.....	86	0	9	32	23	22
Urban Association.....	182	29	75	43	24	11
Urban Solo.....	47	2	10	11	11	13
Rural Association.....	226	49	97	54	17	9
Rural Solo.....	22	0	2	6	8	6
All General Practitioners 2016-17	955	131	294	246	170	114
All General Practitioners 2015-16.....	918	139	260	246	157	116
Specialists						
Paediatricians and Medical Geneticists.....	66	9	24	18	8	7
Internists and Physiatrists.....	159	18	43	48	26	24
Neurologists.....	18	1	6	5	3	3
Cardiologists.....	26	0	9	9	5	3
Psychiatrists.....	67	10	22	18	10	7
Dermatologists.....	9	5	1	0	2	1
Anaesthetists.....	113	13	37	30	26	7
General Surgeons.....	81	5	23	26	22	5
Cardiac Surgeons.....	6	0	0	4	2	0
Orthopaedic Surgeons.....	43	2	16	15	8	2
Plastic and Reconstructive Surgeons.....	14	2	6	4	2	0
Neurological Surgeons.....	13	1	4	3	3	2
Obstetricians and Gynaecologists.....	62	7	18	18	12	7
Urological Surgeons.....	17	2	3	4	6	2
Ophthalmologists.....	28	1	9	7	7	4
Otolaryngologists.....	18	2	4	5	6	1
Pathologists and Diagnostic Radiologists.....	76	4	30	19	16	7
All Specialists 2016-17	816	82	255	233	164	82
All Specialists 2015-16.....	781	78	249	220	157	77
All Physicians 2016-17	1,771	213	549	479	334	196
Per Cent Distribution 2016-17.....	100%	12%	31%	27%	19%	11%
All Physicians 2015-16	1,699	217	509	466	314	193
Per Cent Distribution 2015-16.....	100%	13%	30%	27%	18%	11%

¹ Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

² Physicians with their own MSP billing numbers receiving \$60,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

Notes:

- 1) Data capture may not be complete for physicians participating in non-fee-for-service arrangements. Data, including the number of active physicians, may be affected by the extent of shadow billing.
- 2) Per Cent Distributions will not add to 100 percent due to rounding.

Table 24**Average Payment¹ (\$000's) Per Resident Physician² by Specialty and Range of Paid Amount**

	Type of Physician ³					
	All Physicians		All General Practitioners		All Specialists	
	Average Payment	Number	Average Payment	Number	Average Payment	Number
Physicians ⁴	343.4	1,771	254.1	955	447.9	816
Highest Paid.....	3,088.4		1,141.5		3,088.4	
Less than \$60,000.....	25.1	302	26.5	169	23.3	133
\$60,000 - \$74,999.....	66.9	62	65.9	33	67.9	29
\$75,000 - \$99,999.....	87.0	123	87.3	83	86.4	40
\$100,000 - \$124,999.....	112.9	122	113.2	89	111.9	33
\$125,000 - \$149,999.....	137.0	118	137.4	86	135.8	32
\$150,000 - \$174,999.....	161.4	118	162.0	86	159.9	32
\$175,000 - \$199,999.....	187.1	93	187.6	63	186.0	30
\$200,000 - \$249,999.....	224.8	181	225.4	116	223.8	65
\$250,000 - \$299,999.....	276.0	166	275.0	109	277.9	57
\$300,000 - \$349,999.....	325.0	148	324.4	85	326.0	63
Over \$350,000.....	613.1	640	497.3	205	667.6	435
Total	297.1	2,073	219.9	1,124	388.4	949

	General Practitioners					
	Metro		Urban		Rural	
	Average Payment	Number	Average Payment	Number	Average Payment	Number
Physicians ⁴	252.1	478	269.7	229	243.7	248
Highest Paid.....	1,092.8		1,141.5		858.8	
Less than \$60,000.....	24.8	101	25.7	32	32.2	36
\$60,000 - \$74,999.....	65.5	18	67.4	9	65.2	6
\$75,000 - \$99,999.....	88.2	46	87.1	21	84.8	16
\$100,000 - \$124,999.....	111.7	48	113.4	17	116.1	24
\$125,000 - \$149,999.....	136.8	35	139.0	22	136.7	29
\$150,000 - \$174,999.....	162.4	45	162.0	20	161.2	21
\$175,000 - \$199,999.....	187.3	24	189.7	21	185.5	18
\$200,000 - \$249,999.....	225.5	59	222.3	19	226.8	38
\$250,000 - \$299,999.....	274.2	55	276.3	26	275.5	28
\$300,000 - \$349,999.....	325.8	46	320.1	13	323.9	26
Over \$350,000.....	489.6	102	517.1	61	487.0	42
Total	212.5	579	239.8	261	216.9	284

¹ Represents gross payments by the Medical Services Plan from which the physicians must pay overhead costs which may be high in specialties such as Ophthalmology and Radiology. The MSP payments should not be taken to represent total professional income since the physicians may receive payments from other sources, e.g. from other public or private agencies, from patients requesting services not covered by MSP. Includes payments for the rural emergency coverage program but excludes payments for the specialist emergency coverage program.

² Physicians resident in Saskatchewan at the end of the year and having their own MSP billing number.

³ Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

⁴ Physicians with their own MSP billing numbers receiving \$60,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

Notes: In 2012-13 and 2013-14, payments for programs negotiated in the last SMA agreement were included in the average payment calculation, which resulted in an over-statement of average payment for physicians, most notably General Practitioners. For 2014-15, the methodology has been refined and program payments have been removed. This provides a more precise description of the clinical earnings of physicians across Saskatchewan. As a result of this change in methodology, comparisons of average payments between 2013-14 or 2012-13 should be done with caution.

Table 24 (Continued)

Average Payment¹ (\$000's) Per Resident Physician² by Specialty and Range of Paid Amount

	Type of Physician ³					
	Paediatricians and Medical Geneticists		Internists and Psychiatrists		Cardiologists	
	Average Payment	Number	Average Payment	Number	Average Payment	Number
Physicians ⁴	206.8	66	389.8	159	860.4	26
Highest Paid.....	987.0		1,478.5		1,781.9	
Less than \$60,000.....	23.6	22	24.9	23	--	--
\$60,000 - \$74,999.....	71.2	2	68.5	9	70.2	1
\$75,000 - \$99,999.....	86.5	9	90.1	6	75.0	1.0
\$100,000 - \$124,999.....	113.0	10	110.6	7	--	--
\$125,000 - \$149,999.....	137.2	9	136.7	13	--	--
\$150,000 - \$174,999.....	158.6	7	162.0	12	--	--
\$175,000 - \$199,999.....	184.3	6	179.6	3	--	--
\$200,000 - \$249,999.....	220.0	6	231.2	14	237.1	1
\$250,000 - \$299,999.....	273.9	8	280.3	11	--	--
\$300,000 - \$349,999.....	333.7	1	324.9	11	--	--
Over \$350,000.....	537.9	8	628.6	73	956.1	23
Total	161.0	88	343.7	182	860.4	26

	Neurologists		Psychiatrists		Dermatologists	
	Average Payment	Number	Average Payment	Number	Average Payment	Number
	Physicians ⁴	376.7	18	365.0	67	345.8
Highest Paid.....	1,080.0		1,203.8		665.4	
Less than \$60,000.....	44.8	2	26.5	10	--	--
\$60,000 - \$74,999.....	--	--	67.7	2	--	--
\$75,000 - \$99,999.....	--	--	85.3	9	85.7	1
\$100,000 - \$124,999.....	114.3	3	112.9	4	--	--
\$125,000 - \$149,999.....	--	--	134.4	3	--	--
\$150,000 - \$174,999.....	150.6	1	159.7	2	--	--
\$175,000 - \$199,999.....	197.9	1	187.0	3	--	--
\$200,000 - \$249,999.....	202.9	1	221.1	9	241.1	1
\$250,000 - \$299,999.....	280.3	2	284.7	7	275.0	2
\$300,000 - \$349,999.....	318.5	1	326.9	4	328.6	1
Over \$350,000.....	556.4	9	688.7	24	476.8	4
Total	343.5	20	321.1	77	345.8	9

Notes:

- 1) Earnings may reflect an upward bias as a result of physicians sponsoring locums.
- 2) Data capture may not be complete for physicians participating in non-fee-for-service arrangements. Data, including the number of active physicians and average payments per physician, may be affected by the extent of shadow billing.

Table 24 (Continued)

Average Payment¹ (\$000's) Per Resident Physician² by Specialty and Range of Paid Amount

	Type of Physician ³					
	Anaesthetists		General Surgeons		Cardiac Surgeons	
	Average Payment	Number	Average Payment	Number	Average Payment	Number
Physicians ⁴	361.2	113	377.8	81	784.3	6
Highest Paid.....	906.6		918.5		988.1	
Less than \$60,000.....	8.4	4	26.8	6	--	--
\$60,000 - \$74,999.....	69.3	3	67.3	6	--	--
\$75,000 - \$99,999.....	78.8	1	89.6	2	--	--
\$100,000 - \$124,999.....	115.2	3	100.5	1	--	--
\$125,000 - \$149,999.....	136.8	2	129.7	3	--	--
\$150,000 - \$174,999.....	163.7	3	160.0	2	--	--
\$175,000 - \$199,999.....	179.3	3	190.1	2	--	--
\$200,000 - \$249,999.....	228.8	9	215.9	5	--	--
\$250,000 - \$299,999.....	267.8	10	283.7	8	--	--
\$300,000 - \$349,999.....	330.4	18	321.9	11	--	--
Over \$350,000.....	462.2	61	535.2	41	784.3	6
Total	349.1	117	353.6	87	784.3	6

	Plastic and Reconstructive Surgeons					
	Orthopaedic Surgeons		Neurological Surgeons			
	Average Payment	Number	Average Payment	Number	Average Payment	Number
Physicians ⁴	583.1	43	537.7	14	549.8	13
Highest Paid.....	1,742.5		1,152.9		1,335.7	
Less than \$60,000.....	23.4	6	30.4	4	--	--
\$60,000 - \$74,999.....	60.0	1	--	--	85.9	1.0
\$75,000 - \$99,999.....	--	--	--	--	--	--
\$100,000 - \$124,999.....	--	--	--	--	--	--
\$125,000 - \$149,999.....	--	--	--	--	--	--
\$150,000 - \$174,999.....	--	--	155.5	1	--	--
\$175,000 - \$199,999.....	176.4	1	--	--	--	--
\$200,000 - \$249,999.....	216.2	3	--	--	206.1	1.0
\$250,000 - \$299,999.....	297.8	2	--	--	--	--
\$300,000 - \$349,999.....	321.7	4	321.3	2	321.3	3
Over \$350,000.....	697.1	32	611.7	11	611.7	8
Total	514.6	49	424.9	18	497.4	13

¹ Represents gross payments by the Medical Services Plan from which the physicians must pay overhead costs which may be high in specialties such as Ophthalmology and Radiology. The MSP payments should not be taken to represent total professional income since the physicians may receive payments from other sources, e.g. from other public or private agencies, from patients requesting services not covered by MSP. Includes payments for the rural emergency coverage program but excludes payments for the specialist emergency coverage program.

² Physicians resident in Saskatchewan at the end of the year and having their own MSP billing number.

³ Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

⁴ Physicians with their own MSP billing numbers receiving \$60,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

Notes: In 2012-13 and 2013-14, payments for programs negotiated in the last SMA agreement were included in the average payment calculation, which resulted in an over-statement of average payment for physicians, most notably General Practitioners. For 2014-15, the methodology has been refined and program payments have been removed. This provides a more precise description of the clinical earnings of physicians across Saskatchewan. As a result of this change in methodology, comparisons of average payments between 2013-14 or 2012-13 should be done with caution.

Table 24 (Continued)

Average Payment¹ (\$000's) Per Resident Physician² by Specialty and Range of Paid Amount

	Type of Physician ³					
	Obstetricians and Gynaecologists		Urological Surgeons		Ophthalmologists	
	Average Payment	Number	Average Payment	Number	Average Payment	Number
Physicians ⁴	419.3	62	446.7	17	1,198.0	28
Highest Paid.....	1,072.2		1,114.8		2,361.0	
Less than \$60,000.....	24.7	2	38.4	2.0	15.8	2
\$60,000 - \$74,999.....	64.5	2.0	--	--	--	--
\$75,000 - \$99,999.....	88.4	1	81.2	1	--	--
\$100,000 - \$124,999.....	111.2	2	116.6	1	--	--
\$125,000 - \$149,999.....	--	--	--	--	--	--
\$150,000 - \$174,999.....	--	--	--	--	--	--
\$175,000 - \$199,999.....	186.9	6	--	--	--	--
\$200,000 - \$249,999.....	217.5	10	228.9	2	--	--
\$250,000 - \$299,999.....	270.3	2	--	--	--	--
\$300,000 - \$349,999.....	310.7	2	319.6	2	--	--
Over \$350,000.....	570.2	37	572.7	11	1198.0	28
Total	406.9	64	403.7	19	1119.0	30

	Pathologists and Diagnostic Radiologists			
	Otolaryngologists		Diagnostic Radiologists	
	Average Payment	Number	Average Payment	Number
Physicians ⁴	590.7	18	520.3	76
Highest Paid.....	1,281.7		3,088.4	
Less than \$60,000.....	--	--	20.9	50
\$60,000 - \$74,999.....	69.7	1	67.1	2
\$75,000 - \$99,999.....	81.3	2	88.7	6
\$100,000 - \$124,999.....	--	--	103.8	2
\$125,000 - \$149,999.....	--	--	134.6	2
\$150,000 - \$174,999.....	156.2	1	156.8	3
\$175,000 - \$199,999.....	--	--	192.5	5
\$200,000 - \$249,999.....	226.0	1	234.6	2
\$250,000 - \$299,999.....	--	--	275.6	5
\$300,000 - \$349,999.....	344.3	1	316.8	2
Over \$350,000.....	806.1	12	733.7	47
Total	590.7	18	322.1	126

Notes:

- Earnings may reflect an upward bias as a result of physicians sponsoring locums.
- Data capture may not be complete for physicians participating in non-fee-for-service arrangements. Data, including the number of active physicians and average payments per physician, may be affected by the extent of shadow billing.

Table 25**Average Payment² (\$000's) Per Physician by Specialty, 2011-12 to 2016-17**

Type of Physician ¹							Average Annual
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Per Cent Change 2011-12 to 2016-17
General Practitioners							
Metro Association.....	261.3	274.6	288.3	257.5	259.2	252.6	0.53
Metro Solo.....	244.9	259.5	262.9	240.7	237.8	250.1	0.56
Urban Association.....	267.5	280.4	261.8	245.0	251.6	251.0	-1.15
Urban Solo.....	322.1	372.5	358.2	321.5	352.0	341.9	1.64
Rural Association.....	263.2	264.7	262.6	226.9	226.8	232.1	-2.31
Rural Solo.....	278.4	338.0	355.5	330.1	327.2	362.4	5.86
All General Practitioners.....	265.2	280.2	281.4	252.9	253.4	254.1	-0.71
Specialists							
Paediatricians and Medical Geneticists.....	207.9	207.8	220.5	206.6	193.6	206.8	0.06
Internists and Psychiatrists.....	359.2	362.8	374.3	370.4	377.6	389.8	1.66
Neurologists.....	334.7	328.7	354.9	366.3	370.7	376.7	2.44
Cardiologists.....	753.9	810.9	821.9	779.2	822.3	860.4	2.78
Psychiatrists.....	247.0	277.5	267.7	261.0	299.6	365.0	8.59
Dermatologists.....	459.9	455.9	440.0	351.9	322.4	345.8	-5.10
Anaesthetists.....	323.0	344.5	341.5	341.8	344.4	361.2	2.30
General Surgeons.....	379.4	383.1	397.6	378.4	379.9	377.8	-0.05
Cardiac Surgeons.....	849.9	844.7	841.3	791.4	913.9	784.3	-1.13
Orthopaedic Surgeons.....	508.0	552.8	551.5	594.0	578.9	583.1	2.89
Plastic and Reconstructive Surgeons.....	422.2	489.2	551.3	521.6	493.5	537.7	5.35
Neurological Surgeons.....	428.0	521.6	548.6	525.4	535.2	549.8	5.48
Obstetricians and Gynaecologists.....	406.0	408.3	410.3	420.8	396.3	419.3	0.72
Urological Surgeons.....	420.7	466.1	455.6	456.6	411.3	446.7	1.49
Ophthalmologists.....	1,002.0	1,102.0	1,023.0	1,135.0	1,149.0	1,198.0	3.85
Otolaryngologists.....	463.4	494.5	521.1	558.3	568.5	590.7	4.99
Pathologists and Diagnostic Radiologists.....	480.1	449.8	421.6	400.4	490.2	520.3	2.19
All Specialists.....	410.5	423.9	426.7	420.4	430.3	447.9	1.78
Spec. less Pathologists & Radiologists.....	403.5	420.9	427.3	422.9	424.1	440.5	1.79
All Physicians.....	331.5	346.8	347.8	329.9	334.7	343.4	0.76
Phys. less Pathologists & Radiologists.....	325.0	421.4	427.2	421.5	427.6	444.7	7.03

¹ Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year. Physicians with their own MSP billing numbers receiving \$60,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

² Represents gross payments by the MSP from which the physicians must pay overhead costs which may be high in specialties such as Ophthalmology and Radiology. The MSP payment should not be taken to represent total professional income since physicians may receive payment from other sources, e.g. from other public or private agencies, from patients requesting services not covered by MSP. Includes payments for the rural emergency coverage program but excludes payments for the specialist coverage program.

³ In 2012-13 and 2013-14, payments for programs negotiated in the last SMA agreement were included in the average payment calculation, which resulted in an over-statement of average payment for physicians, most notably General Practitioners. For 2014-15, the methodology has been refined and program payments have been removed. This will provide a more precise description of the clinical earnings of physicians across Saskatchewan. As a result of this change in methodology, comparisons of average payments pre and post 2014-15 should be done with caution.

Notes:

- 1) Earnings may reflect an upward bias as a result of physicians sponsoring locums.
- 2) Laboratory services provided by Pathologists are the responsibility of Regional Health Authorities. As a result, Pathologists' fee-for-service payments are minimal.
- 3) Changes in the number of active physicians and average payments may have been influenced by the locum billing number policy changes.
- 4) Data capture may not be complete for physicians participating in non-fee-for-service arrangements. Data, including the number of active physicians and average payments per physician, may be affected by the extent of shadow billing.

Table 26

Physician Payments (\$000's) by Specialty Group

	General Practitioners		Medical Specialists ¹		Surgical Specialists ¹		Technical Specialists ¹	
	Number	Average Payment	Number	Average Payment	Number	Average Payment	Number	Average Payment
A. By Resident Community:²								
Regina	190	279.1	102	541.2	88	625.0	66	449.9
Saskatoon ³	275	236.5	207	302.7	134	544.8	107	404.8
Moose Jaw.....	32	277.5	8	458.1	10	469.6	2	**
Prince Albert.....	77	262.7	12	482.9	20	413.5	10	569.9
Yorkton	20	290.0	4	**	7	584.9	1	**
Swift Current	24	271.9	3	**	7	416.4	2	**
North Battleford.....	27	315.3	2	**	9	393.5	--	--
Estevan	11	412.6	--	--	--	--	--	--
Weyburn.....	16	256.6	--	--	--	--	--	--
All Other Locations.....	283	233.4	7	211.8	7	183.8	1	**
B. By Activity Threshold:								
1. Total Active Physicians ²	955	254.1	345	383.6	282	541.9	189	425.1
2. Total Licensed Physicians ⁴	1,301	--	506	--	333	--	351	--
3. Resident and Active in Two Consecutive Years ²	834	271.8	301	415.8	262	566.6	171	451.7
4. Resident at Year End With Payments of \$15,000 or More in Each Quarter of the Year	791	284.2	275	447.4	248	594.7	152	480.0
C. By Age Group:²								
Under 35	131	189.0	43	249.5	22	474.3	17	357.5
35 - 44.....	294	227.2	105	387.0	83	566.9	67	442.9
45 - 54.....	246	284.6	98	393.0	86	575.3	49	387.9
55 - 64.....	170	281.9	54	443.3	23	412.5	42	454.4
65+	114	291.4	45	411.8	22	534.7	14	464.4

¹ Physicians are grouped as follows:

- Medical Specialists include Paediatricians, Internists, Neurologists, Cardiologists, Psychiatrists, Dermatologists, Physiatrists, and Medical Geneticists.
- Surgical Specialists include General Surgeons, Thoracic Surgeons, Orthopaedic Surgeons, Plastic and Reconstructive Surgeons, Neurological Surgeons, Obstetricians and Gynaecologists, Urological Surgeons, Ophthalmologists and Otolaryngologists.
- Technical Specialists include Anaesthetists, Pathologists and Diagnostic Radiologists.

² Physicians with their own MSP billing numbers receiving \$60,000 or more in MSP payments during the year and practising in Saskatchewan at the end of the year. Earnings may reflect an upward bias as a result of physicians sponsoring locums. Payments for the specialist coverage program are excluded.

³ Includes physicians who practise out of teaching institutions. Average payments may reflect a downward bias as a result.

⁴ Licensed Physicians are all physicians on the Medical Care Insurance Physician Registry except for those known to be retired. Educational locums, residents and interns are typically excluded.

** Not shown, to preserve confidentiality.

Note:

- 1) Data capture may not be complete for physicians participating in non-fee-for-service arrangements.
- 2) Data, including the number of active physicians and average payments per physician, may be affected by the extent of shadow billing.
- 3) In 2012-13 and 2013-14, payments for programs negotiated in the last SMA agreement were included in the average payment calculation, which resulted in an over-statement of average payment for physicians, most notably General Practitioners. For 2014-15, the methodology has been refined and program payments have been removed. This will provide a more precise description of the clinical earnings of physicians across Saskatchewan. As a result of this change in methodology, comparisons of average payments between 2014-15 and either 2013-14 or 2012-13 should be done with caution.

Table 27

Payments¹ for Specialist and Rural Emergency Coverage Programs

	Specialist Emergency Coverage			Rural (GP) Emergency Coverage ³	Total Payments for Emergency Coverage
	Number of Rotations		Payments ²		
	Tier I	Tier II			
Regional Health Authority					
1 Sun Country.....	2	4	\$685,502	\$1,282,320	\$1,967,822
2 Five Hills.....	7	3	\$1,508,505	\$476,927	\$1,985,432
3 Cypress.....	7	2	\$1,419,472	\$541,692	\$1,961,164
4 Regina Qu'Appelle.....	34	14	\$8,171,537	\$820,704	\$8,992,241
5 Sunrise.....	6	2	\$1,180,375	\$617,718	\$1,798,093
6 Saskatoon.....	46	26	\$11,973,478	\$1,211,008	\$13,184,486
7 Heartland.....	--	1	\$70,005	\$1,213,951	\$1,283,956
8 Kelsey Trail.....	--	5	\$364,365	\$1,111,804	\$1,476,169
9 Prince Albert.....	8	3	\$1,779,094	\$198,848	\$1,977,942
10 Prairie North.....	13	7	\$2,925,514	\$518,816	\$3,444,330
11 Mamawetan.....	--	--	--	\$196,595	\$196,595
12 Keewatin Yatthé.....	--	--	--	\$309,141	\$309,141
13 Athabasca.....	--	--	--	\$138,458	\$138,458
All Regional Health Authorities.....			\$30,077,848	\$8,637,980	\$38,715,828
Other Emergency Coverage					
Medical Health Officers.....	--	3	\$450,000	--	\$450,000
Saskatchewan Cancer Agency.....	2	5	\$1,150,000	--	\$1,150,000
All Emergency Coverage.....	125	75	\$31,677,848	\$8,637,980	\$40,315,828

¹ Includes payments made indirectly to physicians through Regional Health Authorities, the Saskatchewan Cancer Agency or other.

² Includes payments to general practitioners approved to provide coverage under the Specialist Emergency Coverage Program.

³ Includes ERCP and Family Physician on call payments as well as any payments for travel expenses when general practitioners provide weekend relief.

Notes:

Tier I Coverage: Continuous (365 days, 24 hours per day) and physicians must be available to respond by phone within 15 minutes and be on-site within 30 minutes.

Tier II Coverage: Either continuous or non-continuous. Physician must respond by phone within 15 minutes and be on-site within a reasonable time, defined by the specialty and clinical judgment of the responding physician.

Table 28

Medical Remuneration and Alternate Payment Expenditures (\$000's)

	Medical Remuneration Payments ¹		Alternate Payments ²		Non-Fee-For-Service Total Payments	
	2015-16	2016-17 ³	2015-16	2016-17 ³	2015-16	2016-17 ³
Regional Health Authority						
1 Sun Country.....	3,075	--	--	--	3,075	2,760
2 Five Hills.....	6,763	--	4,254	--	11,018	11,212
3 Cypress.....	6,426	--	3,358	--	9,785	9,596
4 Regina Qu'Appelle.....	67,950	--	3,719	--	71,669	72,209
5 Sunrise.....	7,009	--	--	--	7,009	7,046
6 Saskatoon.....	61,342	--	19,294	--	80,636	92,992
7 Heartland.....	1,541	--	--	--	1,541	1,014
8 Kelsey Trail.....	1,889	--	--	--	1,889	1,229
9 Prince Albert Parkland.....	9,086	--	8,360	--	17,446	17,901
10 Prairie North.....	10,388	--	752	--	11,140	11,078
11 Mamawetan Churchill River.....	83	--	--	--	83	85
12 Keewatin Yatthé.....	--	--	--	--	--	--
13 Athabasca.....	--	--	--	--	--	--
All Regional Health Authorities.....	175,552	--	39,738	--	215,290	\$227,123
Provincial Projects ²	--	--	5,336	--	5,336	\$4,838
All Expenditures	175,552	--	45,074	--	220,626	\$231,961

¹ These expenditures for physician services are administered through Regional Health Authorities and funded by the Ministry of Health.

² These Alternate Payment arrangements are funded predominately through the College of Medicine.

³ The method used to calculate the method of remuneration for physicians changed during fiscal year 2016-17. As a result, the data is no longer divided into Medical and Alternate payments, only non-fee-for-service payments.

Note: Payments for primary care arrangements are excluded.

Table 29

Insured Population by Age and Sex by Regional Health Authority

		Regional Health Authority of Patient Residence														
		1	2	3	4	5	6	7	8	9	10	11	12	13	Unassigned	Total
Age Groups	Sex	Sun Country	Five Hills	Cypress	Regina Qu'Appelle	Sunrise	Saskatoon	Heartland	Kelsey Trail	Prince Albert Parkland	Prairie North	Mamawetan Churchill River	Keewatin Yatthe	Athabasca	Unassigned	Total
Under 1	M	346	271	242	1,962	308	2,436	268	226	522	681	250	105	28	0	7,645
	F	351	315	244	1,859	326	2,346	253	212	534	654	256	122	27	3	7,499
	T	697	586	486	3,821	634	4,782	521	438	1,056	1,335	506	227	55	3	15,144
1 - 4	M	1,584	1,363	1,073	7,831	1,333	10,020	1,068	1,055	2,400	2,678	1,006	497	91	3	31,999
	F	1,529	1,230	985	7,747	1,235	9,488	1,058	1,039	2,262	2,651	987	464	88	2	30,763
	T	3,113	2,593	2,058	15,578	2,568	19,508	2,126	2,094	4,662	5,329	1,993	961	179	5	62,762
5 - 9	M	1,940	1,756	1,295	9,939	1,773	12,006	1,361	1,385	3,132	3,441	1,445	653	163	2	40,289
	F	1,978	1,671	1,265	9,398	1,731	11,441	1,331	1,340	2,961	3,418	1,277	606	149	4	38,566
	T	3,918	3,427	2,560	19,337	3,504	23,447	2,692	2,725	6,093	6,859	2,722	1,259	312	6	78,855
10 - 14	M	1,816	1,521	1,373	8,720	1,714	10,682	1,328	1,345	2,929	3,031	1,180	509	134	2	36,282
	F	1,832	1,474	1,267	8,246	1,587	10,236	1,233	1,211	2,725	3,032	1,156	483	146	2	34,628
	T	3,648	2,995	2,640	16,966	3,301	20,918	2,561	2,556	5,654	6,063	2,336	992	280	4	70,910
15 - 19	M	1,731	1,624	1,424	8,857	1,718	10,885	1,361	1,340	2,924	2,970	1,103	541	128	3	36,606
	F	1,828	1,502	1,368	8,415	1,610	10,264	1,319	1,333	2,818	2,902	1,095	484	115	7	35,053
	T	3,559	3,126	2,792	17,272	3,328	21,149	2,680	2,673	5,742	5,872	2,198	1,025	243	10	71,659
20 - 24	M	2,084	1,765	1,445	10,345	1,798	12,165	1,478	1,427	2,991	3,142	1,178	589	112	11	40,519
	F	1,812	1,639	1,400	9,661	1,677	12,026	1,273	1,282	2,890	2,956	1,090	561	116	30	38,383
	T	3,896	3,404	2,845	20,006	3,475	24,191	2,751	2,709	5,881	6,098	2,268	1,150	228	41	78,902
25 - 29	M	2,290	1,963	1,439	12,517	1,814	14,965	1,501	1,274	3,032	3,372	1,055	577	115	21	45,914
	F	2,123	1,774	1,404	11,580	1,668	14,584	1,431	1,194	2,889	3,182	1,034	552	101	33	43,516
	T	4,413	3,737	2,843	24,097	3,482	29,549	2,932	2,468	5,921	6,554	2,089	1,129	216	54	89,430
30 - 34	M	2,277	1,866	1,396	12,544	1,765	15,213	1,460	1,213	2,591	3,370	849	448	114	9	45,106
	F	2,115	1,861	1,397	11,581	1,716	14,792	1,362	1,146	2,655	3,170	837	402	127	15	43,161
	T	4,392	3,727	2,793	24,125	3,481	30,005	2,822	2,359	5,246	6,540	1,686	850	241	24	88,267
35 - 39	M	2,235	1,767	1,356	11,445	1,819	13,457	1,368	1,176	2,466	2,903	753	325	100	5	41,170
	F	1,991	1,709	1,295	10,536	1,698	12,863	1,282	1,153	2,347	2,849	700	341	82	7	38,846
	T	4,226	3,476	2,651	21,981	3,517	26,320	2,650	2,329	4,813	5,752	1,453	666	182	12	80,016
40 - 44	M	1,933	1,581	1,253	9,934	1,697	11,849	1,186	1,240	2,272	2,553	704	378	77	2	36,657
	F	1,718	1,538	1,254	9,324	1,603	11,346	1,189	1,126	2,351	2,439	717	355	64	3	35,024
	T	3,651	3,119	2,507	19,258	3,300	23,195	2,375	2,366	4,623	4,992	1,421	733	141	5	71,681
45 - 49	M	1,800	1,543	1,249	9,311	1,715	11,206	1,283	1,182	2,406	2,280	709	394	81	1	35,159
	F	1,644	1,538	1,300	8,805	1,682	10,637	1,196	1,182	2,292	2,255	625	411	73	2	33,640
	T	3,444	3,081	2,549	18,116	3,397	21,843	2,479	2,364	4,698	4,535	1,334	805	154	3	68,799
50 - 54	M	2,134	2,004	1,625	10,178	2,068	12,232	1,558	1,463	2,541	2,604	634	394	65	2	39,500
	F	1,918	1,957	1,642	10,126	2,012	11,931	1,539	1,389	2,678	2,572	645	367	70	0	38,846
	T	4,052	3,961	3,267	20,304	4,080	24,163	3,097	2,852	5,219	5,176	1,279	761	135	2	78,346
55 - 59	M	2,184	2,233	1,880	9,969	2,244	11,699	1,786	1,496	2,785	2,576	606	336	46	1	39,840
	F	1,954	2,203	1,786	9,689	2,081	11,666	1,629	1,441	2,779	2,530	565	291	41	0	38,655
	T	4,138	4,436	3,666	19,658	4,325	23,365	3,415	2,937	5,564	5,106	1,171	627	87	1	78,495
60 - 64	M	1,885	2,046	1,683	8,421	2,149	10,016	1,707	1,524	2,518	2,210	482	245	26	1	34,912
	F	1,678	1,991	1,548	8,601	1,963	10,111	1,486	1,427	2,410	2,151	437	197	28	1	34,028
	T	3,563	4,037	3,231	17,022	4,112	20,127	3,193	2,951	4,928	4,361	919	442	54	2	68,940
65 - 69	M	1,403	1,664	1,282	6,404	1,775	7,436	1,244	1,247	2,054	1,712	377	196	29	1	26,823
	F	1,342	1,642	1,255	6,660	1,816	7,721	1,207	1,238	2,106	1,605	306	148	28	0	27,074
	T	2,745	3,306	2,537	13,064	3,591	15,157	2,451	2,485	4,160	3,317	683	344	57	1	53,897
70 - 74	M	1,028	1,112	905	4,219	1,295	4,959	942	989	1,457	1,186	181	116	22	0	18,411
	F	1,063	1,114	911	4,734	1,389	5,458	897	954	1,429	1,135	179	111	15	0	19,389
	T	2,091	2,226	1,816	8,953	2,684	10,417	1,839	1,943	2,886	2,321	360	227	37	0	37,800
75 & Over	M	1,968	2,133	1,832	7,410	2,643	8,859	1,677	1,787	2,377	1,886	271	168	21	0	33,032
	F	2,612	3,026	2,394	10,978	3,636	13,323	2,264	2,307	3,117	2,387	287	155	18	0	46,504
	T	4,580	5,159	4,226	18,388	6,279	22,182	3,941	4,094	5,494	4,273	558	323	39	0	79,536
Total all ages	M	30,638	28,212	22,752	150,006	29,628	180,085	22,576	21,369	41,397	42,595	12,783	6,471	1,352	64	589,864
	F	29,488	28,184	22,715	147,940	29,430	180,233	21,949	20,974	41,243	41,888	12,193	6,050	1,288	109	583,575
	T	60,126	56,396	45,467	297,946	59,058	360,318	44,525	42,343	82,640	84,483	24,976	12,521	2,640	173	1,173,439

¹ There are 173 Beneficiaries not included. The majority of these beneficiaries are students or temporary workers who cannot be connected to a Saskatchewan address.

Notes:

- 1) Population as at June 30, 2016.
- 2) Band members are placed in the regional health authority as indicated by their mailing address.

Table 30**Per Cent of General Practitioner Payments by Regional Health Authority of Patient Residence by Physician Regional Health Authority**

		Regional Health Authority of Physician Practice													Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13		
Regional Health Authority of Patient Residence		Sun Country	Five Hills	Cypress	Regina Qu'Appelle	Sunrise	Saskatoon	Heartland	Kelsey Trail	Prince Albert Parkland	Prairie North	Mamawetan Churchill River	Keewatin Yatthé	Athabasca	Out of Province	
1	Sun Country.....	81.4	1.4	0.2	12.6	0.2	1.0	0.1	0.1	0.3	0.1	--	--	--	2.7	100.0
2	Five Hills.....	0.4	85.2	1.1	7.7	0.2	2.2	0.6	0.1	0.2	0.2	--	--	--	2.2	100.0
3	Cypress.....	0.1	1.5	83.4	2.5	0.1	1.8	0.5	0.1	0.1	0.1	--	--	--	9.9	100.0
4	Regina Qu'Appelle.....	0.5	0.5	0.1	94.0	0.7	1.7	0.1	0.1	0.1	0.1	--	--	--	2.2	100.0
5	Sunrise.....	0.2	0.2	0.1	7.7	83.9	3.6	0.1	0.5	0.1	0.1	--	--	--	3.5	100.0
6	Saskatoon.....	0.1	0.2	0.1	1.0	0.3	94.1	0.3	0.3	1.0	0.4	--	--	--	2.2	100.0
7	Heartland.....	0.1	0.5	2.2	0.6	0.1	13.9	69.8	0.1	0.2	5.3	--	--	--	7.3	100.0
8	Kelsey Trail.....	0.1	0.2	--	0.9	0.7	7.8	0.2	80.6	7.2	0.2	--	--	--	1.9	100.0
9	Prince Albert Parkland.....	0.1	0.1	--	0.4	0.1	7.0	0.1	1.7	86.7	1.9	0.2	--	--	1.7	100.0
10	Prairie North.....	--	0.1	0.1	0.4	0.1	6.1	1.4	0.1	0.7	70.6	--	--	--	20.5	100.0
11	Mamawetan Churchill River.....	--	0.1	--	0.5	0.1	7.2	0.1	0.6	27.2	0.4	46.1	0.2	0.1	17.4	100.0
12	Keewatin Yatthé.....	--	0.2	--	0.3	0.1	12.3	0.2	--	8.1	25.2	0.5	48.8	--	4.1	100.0
13	Athabasca.....	--	0.4	--	0.7	0.1	10.8	--	0.7	30.2	1.0	2.3	0.1	51.9	1.8	100.0
	Unknown.....	8.8	3.0	4.3	16.0	2.7	16.6	1.0	13.7	6.9	11.9	5.6	6.7	2.2	0.5	100.0
	Rural Emergency Coverage.....	14.9	5.5	6.3	9.5	7.2	14.0	13.6	13.3	2.3	6.0	2.3	3.6	1.6	--	100
	All Regional Health Authorities.....	5.0	4.4	3.9	23.5	5.0	29.6	3.7	4.2	8.5	6.5	0.8	0.6	0.2	4.3	100

Notes:

- 1) Use by residents of Northern Saskatchewan does not include services provided by physicians under contract with the University of Saskatchewan, Northern Medical Services.
- 2) This data is not adjusted for any demographic differences between Regional Health Authorities.
- 3) Band members are placed in the Regional Health Authority as indicated by their mailing address.
- 4) Payments to physicians by Regional Health Authority have not been adjusted for itinerant services.
- 5) See "Data Limitations" in *Statistical Figures and Tables*.

Table 31**Per Capita Physician Payments and Services by Regional Health Authority of Patient Residence and Per Cent of Population Treated (In- and Out-of-Province)**

Regional Health Authority of Patient Residence	General Practitioners			Specialists			All Physicians		
	Per Capita Payments Excluding Emergency Coverage (\$)	Per Capita Services	Per Cent of Insured Population Treated (%)	Per Capita Payments Excluding Emergency Coverage (\$)	Per Capita Services	Per Cent of Insured Population Treated (%)	Per Capita Payments Excluding Emergency Coverage (\$)	Per Capita Services	Per Cent of Insured Population Treated (%)
1 Sun Country.....	248.0	6.1	79.0	261.8	3.5	36.2	509.8	9.6	81.0
2 Five Hills.....	223.4	6.3	80.7	353.1	4.9	45.8	576.5	11.2	83.4
3 Cypress.....	275.3	6.9	79.0	390.5	5.8	39.0	665.8	12.6	81.4
4 Regina Qu'Appelle.....	214.4	5.8	81.1	393.6	5.5	50.3	608.1	11.2	84.4
5 Sunrise.....	252.5	6.7	77.9	324.1	4.4	42.2	576.7	11.1	80.7
6 Saskatoon.....	219.0	5.9	82.2	369.1	5.8	49.5	588.0	11.7	84.7
7 Heartland.....	282.8	6.9	80.4	358.7	5.3	47.7	641.5	12.2	83.9
8 Kelsey Trail.....	266.9	6.7	81.4	310.5	4.2	40.4	577.4	10.9	83.9
9 Prince Albert Parkland.....	263.5	7.0	78.9	319.2	4.8	43.5	582.7	11.8	81.1
10 Prairie North.....	300.2	7.1	76.4	524.0	9.3	43.5	824.2	16.3	79.0
11 Mamawetan Churchill River.....	254.2	6.1	95.2	403.7	5.9	55.0	657.9	12.0	103.0
12 Keewatin Yatthé.....	171.4	4.1	70.2	253.3	3.6	35.7	424.6	7.7	72.8
13 Athabasca.....	68.1	1.7	42.0	170.0	2.6	28.6	238.0	4.3	48.3
All Regional Health Authorities.....	241.4	6.2	80.0	371.8	5.6	46.5	613.2	11.8	82.8

Notes:

- 1) This data is not adjusted for any demographic differences between Regional Health Authorities.
- 2) Band members are placed in the Regional Health Authority as indicated by their mailing address.
- 3) Excludes payments for specialist and rural emergency coverage programs and lump sum payments to physicians.
- 4) See "Data Limitations" in *Statistical Figures and Tables*.

Table 32**General Practitioners in Relation to Population, Earnings and Practice Size**

Regional Health Authority of Physician Practice	Number of Registered General Practitioners ¹	Number of Active General Practitioners ²	Population Per Active General Practitioner	Average Payment Per Active GP (\$)	Average Number of Patients Per Active GP ³	Average Patient Contacts Per Active GP ⁴	2017 RHA Population
1 Sun Country.....	54	47	1,279	282,309	2,154	5,036	60,124
2 Five Hills.....	60	42	1,343	269,277	1,926	5,086	56,394
3 Cypress.....	46	39	1,166	252,661	1,786	4,644	45,461
4 Regina Qu'Appelle.....	379	218	1,367	278,187	2,295	5,538	297,945
5 Sunrise.....	59	42	1,406	296,448	2,017	5,586	59,056
6 Saskatoon.....	485	319	1,130	235,804	2,125	4,469	360,314
7 Heartland.....	41	29	1,535	315,343	1,816	5,330	44,522
8 Kelsey Trail.....	69	38	1,114	249,936	1,846	4,042	42,343
9 Prince Albert Parkland.....	121	86	961	258,872	2,430	4,990	82,636
10 Prairie North.....	116	72	1,173	228,162	1,719	3,893	84,485
11 Mamawetan Churchill River.....	37	14	1,784	132,965	1,944	2,519	24,972
12 Keewatin Yatthé.....	22	7	1,789	82,566	1,104	1,558	12,521
13 Athabasca.....	8	2	1,320	86,848	826	1,296	2,640
All Regional Health Authorities.....	1,497	955	1,229	254,131	2,101	4,781	1,173,586

¹ Physicians residing in Saskatchewan at the end of the year and having their own MSP billing number. Physicians may be counted in more than one Regional Health Authority but the provincial total is a discrete count.

² General Practitioners with their own MSP billing numbers receiving \$60,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

³ The size of practice is the number of discrete beneficiaries on whose behalf a claim was paid during the year.

⁴ A patient contact represents each time a practitioner saw a patient regardless of the number of services provided at the time. The limit is one contact per patient, same doctor, same date of service. X-ray, ultrasound and laboratory services, and any professional interpretations of procedures are not considered to be patient contacts.

Notes:

- 1) In 2012-13 and 2013-14, payments for programs negotiated in the last SMA agreement were included in the average payment calculation, which resulted in an over-statement of average payment for physicians, most notably General Practitioners. For 2014-15 and 2015-16, the methodology has been refined and program payments have been removed. This will provide a more precise description of the clinical earnings of physicians across Saskatchewan. As a result of this change in methodology, comparisons of average payments for these years should be done with caution.
- 2) Earnings, size of practice and patient contacts may reflect an upward bias as a result of physicians sponsoring locums. Payments for the rural emergency coverage program are included.
- 3) Data capture may not be complete for physicians participating in non-fee-for-service arrangements. Data, including the number of active physicians and average payments per physician, may be affected by the extent of shadow billing.
- 4) See "Data Limitations" in *Statistical Figures and Tables*.

Table 33

Post-Graduate Medical Education¹ and Retention Rates by Academic Year²

Type of Physician	2011-12		2012-13		2013-14	
	Completed Program	Remained ³ in Sask-atchewan	Completed Program	Remained ³ in Sask-atchewan	Completed Program	Remained ³ in Sask-atchewan
Funded by the Clinical Services Fund						
Family Medicine - Regina.....	11 ⁵	6	17 ⁸	8	13	8
Family Medicine - Saskatoon.....	14 ⁶	8	16 ⁷	10	11	7
Family Medicine - Rural.....	8	5	9 ⁴	7	11	6
Family Medicine/Emergency	9	2	8	4	7	7
Family Medicine/Enhanced Skills	3	2	5	2	3	2
All Family Medicine	45	23	55	31	45	30
Anaesthesia.....	3	2	4	2	7	3
Cardiology.....	2	1	2	1	-	-
Diagnostic Radiology.....	3	-	3	1	5	-
Emergency Medicine.....	-	-	-	-	-	-
General Surgery.....	4	-	5	-	3	-
Internal Medicine.....	-	-	1	1	3	2
Nephrology.....	-	-	-	-	1	1
Neurology.....	-	-	1	1	1	-
Neurosurgery.....	-	-	1	-	-	-
Obstetrics/Gynaecology.....	4	1	1	1	9	3
Ophthalmology.....	1	-	1	1	1	1
Orthopaedic Surgery.....	3	-	3	-	4	-
Paediatrics.....	6	2	5	1	4	3
Pathology.....	-	-	1	-	1	-
Physical Medicine & Rehabilitation.....	1	1	2	1	1	-
Public Health & Preventive Medicine.....	-	-	-	-	-	-
Psychiatry.....	1	1	3	2	7	6
Respiratory Medicine.....	-	-	3	1	3	2
Rheumatology.....	-	-	-	-	-	-
All Specialists	28	8	36	13	50	21
Total CSF Funded.....	73	31	91	44	95	51
Externally Funded.....	8	6	8	7	6	4
Total Physicians.....	81	37	99	51	101	55
CSF Funded Retention Rates⁸						
Family Medicine.....		58%		69%		75%
Specialists.....		29%		36%		42%
All Physicians.....		46%		54%		57%
CSF Funded and Externally Funded Retention Rates⁸						
All Physicians.....		49%		57%		57%

¹ The Ministry supports educational activities at the College of Medicine, University of Saskatchewan through the Clinical Services Fund such as: clinical services provided by faculty; undergraduate, post-graduate and continuing medical education; post-graduate medical resident salaries and benefits; and medical and health-related research.

² Period ending June of stated year.

³ Graduates who practised in Saskatchewan for at least six months upon completion of program.

⁴ One graduate went on to a further residency program.

⁵ Two graduates went on to a further residency program.

⁶ Three graduates went on to a further residency program.

⁷ Four graduates went on to a further residency program.

⁸ Five graduates went on to a further residency program.

⁹ Net of the number of graduates who have entered further training.

Note: All current recruitment and retention initiatives are outlined in the Appendix.

Table 33 (Continued)

Post-Graduate Medical Education¹ and Retention Rates by Academic Year²

Type of Physician	2014-15		2015-16		CSF Funded Positions in 2015-16	Retention Rate ⁹ of June 2015 Graduates
	Completed Program	Remained ³ in Sask-atheawan	Completed Program	Remained ³ in Sask-atheawan		
Funded by the Clinical Services Fund						
Family Medicine - Regina.....	15 ⁵	10	12 ⁷	8	28	100%
Family Medicine - Saskatoon.....	18 ⁶	10	12 ⁴	11	27	100%
Family Medicine - Rural.....	15 ⁵	12	18 ⁶	14	42	94%
Family Medicine/Emergency	8	6	9	9	7	100%
Family Medicine/Enhanced Skills	4	2	3	1	5	33%
All Family Medicine	60	40	54	43	109	93%
Anaesthesia.....	7	5	6	4	32	67%
Cardiology.....	4	-	1	-	7	0%
Diagnostic Radiology.....	4	-	3	1	20	33%
Emergency Medicine.....	2	2	1	-	12	0%
General Surgery.....	2	1	5	2	36	40%
Internal Medicine.....	2	2	3	3	72	100%
Nephrology.....	-	-	1	-	3	0%
Neurology.....	2	-	3 ⁴	-	10	33%
Neurosurgery.....	2	-	1	-	6	0%
Obstetrics/Gynaecology.....	5	1	4	3	32	75%
Ophthalmology.....	1	1	-	-	6	0%
Orthopaedic Surgery.....	1	-	6	2	10	33%
Paediatrics.....	3	-	7	3	29	43%
General Pathology.....	-	-	4	1	10	25%
Physical Medicine & Rehabilitation.....	2	1	2	1	9	50%
Public Health & Preventive Medicine.....	1	1	-	-	6	0%
Psychiatry.....	5 ⁴	3	6	5	32	83%
Respiratory Medicine.....	1	1	2	1	5	50%
Rheumatology.....	1	1	1	1	1	100%
All Specialists	45	19	56	27	338	49%
Total CSF Funded	105	59	110	70	440	69%
Non CSF Funded	4	3	3	3	7	100%
Total Physicians.....	109	62	113	73	447	70%
CSF Funded Retention Rates⁸						
Family Medicine.....		75%		93%		
Specialists.....		43%		49%		
All Physicians.....		61%		69%		
CSF Funded and Externally Funded Retention Rates⁸						
All Physicians.....		61%		70%		

Table 34

In-Province Optometrists: Selected Indicators

	2015-16	2016-17
Number of Registered ¹ Practitioners.....	175	185
Population Per Registered ¹ Practitioner	6,563	6,344
Per Cent of Beneficiaries Treated (%)	14.3%	14.0%
Practising² Optometrists:		
Number of Practitioners.....	172	185
Number by Age Group: Under 35	62	69
35 - 44.....	43	49
45 - 54.....	32	29
55 - 64.....	23	25
65 and over	12	14
Average Number of Patients Per Practitioner	987	935
Average Patient Contacts Per Practitioner.....	1,108	1,043
Average Payment Per Practitioner (\$)	70,293	69,624
Number by Dollar Range: Less than \$10,000.....	4	10
\$10,000 - 19,999.....	7	14
\$20,000 - 39,999	23	27
\$40,000 - 59,999	43	40
\$60,000 - 79,999	32	32
\$80,000 - 99,999.....	19	17
\$100,000 - 119,999.....	22	21
\$120,000 - 139,999.....	15	12
\$140,000 - 159,999.....	5	8
\$160,000 - 179,999.....	1	4
\$180,000 & over.....	1	0

¹ Optometrists practising in Saskatchewan under MSP coverage at the end of the year.

² Optometrists receiving MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

Notes:

1) Includes optometric services covered by the Medical Services Plan and the Supplementary Health Program.

2) Effective October 1, 2014, an annual eye exam for patients diagnosed with diabetes is insured along with select diagnostic tests.

Appendix

Significant Initiatives and Programs

- ⇒ **Physician Recruitment Strategy:** Supports initiatives to increase the number of physicians within Saskatchewan, such as the Physician Recruitment Agency of Saskatchewan (saskdocs) and the Saskatchewan International Physician Practice Assessment Program (SIPPA).
- ⇒ **Specialist Recruitment and Retention Program:** Jointly managed by the Saskatchewan Medical Association and the Ministry of Health along with representation from regional health authorities and saskdocs that identifies, develops and administers programs to support the recruitment and retention of specialist physicians. Details on individual programs are available on the SMA website at www.sma.sk.ca.
- ⇒ **Specialist Emergency Coverage Program:** This program is jointly managed by the Saskatchewan Medical Association, Regional Health Authorities and the Ministry of Health in a tripartite committee. The primary objective of the program is to meet the emergency needs of new or unassigned patients requiring specialty care and to ensure fair compensation for specialists who are available to provide coverage as part of an established call rotation (see Table 27).
- ⇒ **Committee on Rural and Regional Practice (CORRP):** Jointly managed by the Saskatchewan Medical Association and the Ministry of Health along with representation from Regional Health Authorities and saskdocs that identifies, develops and administers programs to support the recruitment and retention of physicians in rural and regional practices. Details on individual programs are available on the SMA website at www.sma.sk.ca.
- ⇒ **Emergency Room Coverage:** This fund is directed to compensating physicians (through the Payment Schedule) for providing emergency room coverage in rural areas (see Table 27).
- ⇒ **Support Services:** The Ministry of Health funds a variety of other programs administered by the Saskatchewan Medical Association, including a Liability Insurance Coverage Program, a Continuing Medical Education fund, a Long Service Retention Program, and Parental Leave Program.
- ⇒ **Other Initiatives:** 1) *Family Physician Comprehensive Care and Metro On-Call Program* – Recognizes and compensates family physicians for the value and continuity of care they provide to patients when they provide a full range of services; 2) *General Practitioner Specialist Program* – Provides an incentive payment and mentorship to family physicians that provide specialty services in rural and regional areas; 3) *Quality and Access* – Encourages physicians to participate in the development and adoption of new ways of practicing to improve the quality of services and beneficiary access to services; 4) *Chronic Disease Management – Quality Improvement Program* – Voluntary program to encourage and incentivize physicians to continually improve their practice by adopting and utilizing the best and most current tools such as electronic medical record software, for providing high quality patient care; 5) *Rural Relief Locum Program* – The Ministry of Health provides funding to the Regional Health Authorities to support locum arrangements to assist with emergency and primary health medical services in rural areas; and, 6) *Electronic Medical Record Program* – Supports the adoption of Electronic Medical Records in physicians clinics.

Agreements with Professional Associations

- ⇒ The physician agreement reached in mid-2015 between the Ministry of Health and the Saskatchewan Medical Association covered four years, April 1, 2013 to March 31, 2017. It provided physicians with general fee increases of 4.9%, along with lump sum payments equal to 3.0%. The agreement also included \$6M for investing in key program areas aimed at increasing patient access to medical services, best practice, and standardized care. The agreement also included \$15M for maintaining existing physician programs that are experiencing higher utilization due to the increased number of physicians in the province (ie. Family Physician Comprehensive Care Program and the Specialist Emergency Coverage Program).
- ⇒ The optometric agreement between the Ministry of Health and the Saskatchewan Association of Optometrists covered the period April 1, 2013 to March 31, 2016. It provided a one-time lump sum payment of 1.5% in 2014-15, a 2% general fee increase effective April 1, 2015 and included expansion of an existing tonometry fee code to be billed with ocular urgency fee codes, and coverage of an annual eye exam for the management of diabetic patients effective October 1, 2014.
- ⇒ The dental agreement between the College of Dental Surgeons and the Ministry of Health covered three years, April 1, 2008 to March 31, 2011. It provided a zero per cent general fee increase in the first year, a 6.1% general fee increase effective April 1, 2009, and a 3% general fee increase effective April 1, 2010. The agreement also provided a total of \$100,000 over the term of the agreement for new items and modernization of the Payment Schedule.

Figure 1

Index of Persons Covered by the Plan, Physicians, Services Per Patient, and Persons Receiving Services 2011-12 to 2016-17

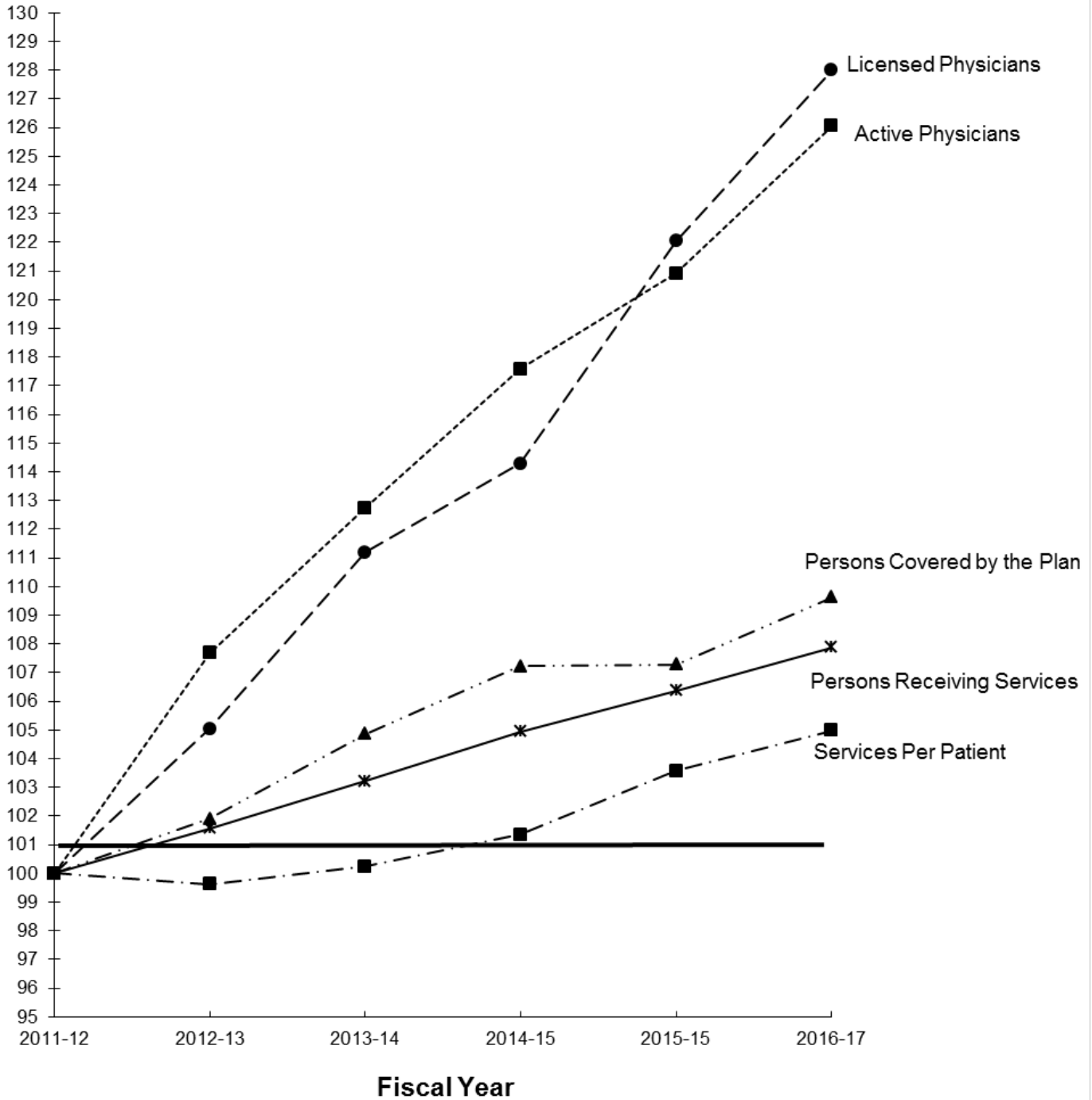


Figure 2

Index of Services Per 1,000 Beneficiaries for Selected Types of In-Province Physician Services 2010-11 to 2015-16

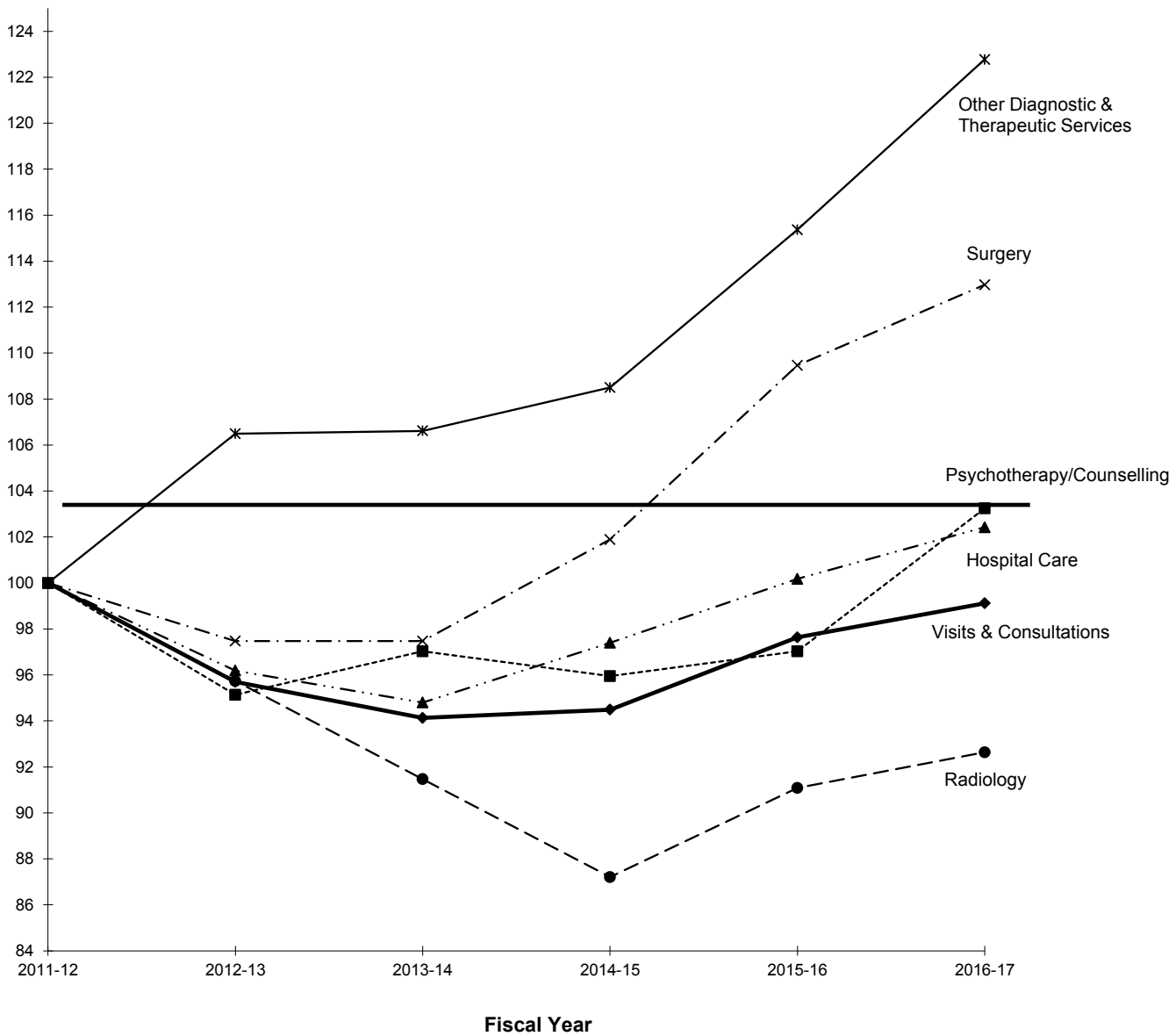


Figure 3

Per Capita Payments for Insured Services by Age and Sex of Beneficiary

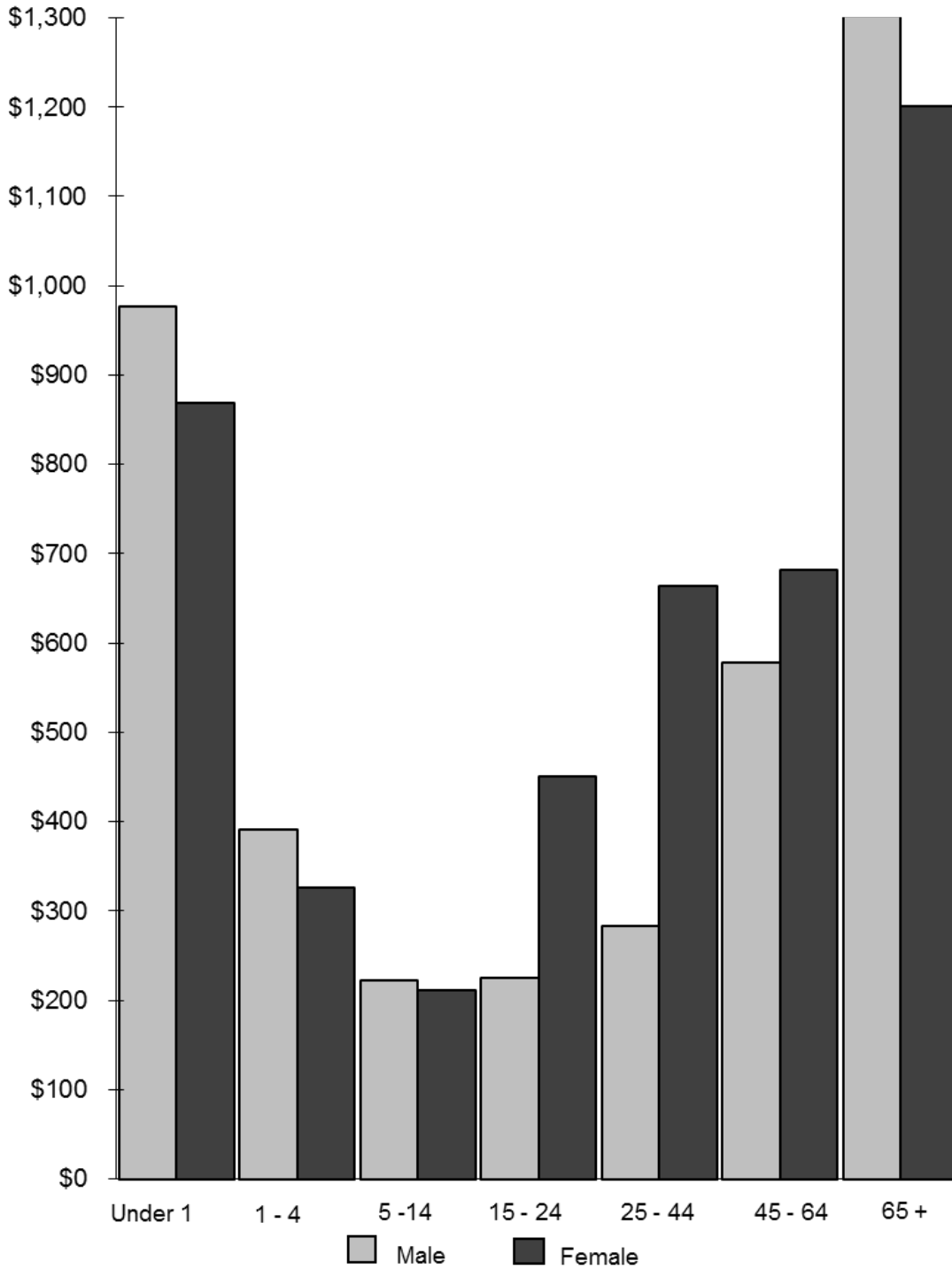


Figure 4

Map of Regional Health Authorities

