

**The Emergency Department Compass:
Children's Mental Health
Numerical Companion**

February 15, 2011

For more information on the clinical implications, please contact:

Amanda S. Newton, PhD, RN
Department of Pediatrics, University of Alberta
2nd Floor, Room 8213, Aberhart Centre
11402 University Avenue NW
Edmonton, Alberta T6G 2J3 CANADA
Phone: (780) 407-2018
Fax: (780) 407-1982
E-mail: mandi.newton@ualberta.ca

For more information on the methods, please contact:

Rhonda J. Rosychuk, PhD, PStat(SSC), PStat(ASA)
Department of Pediatrics, University of Alberta
4th Floor, Room 9423, Aberhart Centre
11402 University Avenue NW
Edmonton, Alberta T6G 2J3 CANADA
Phone: (780) 492-0318
Fax: (780) 407-6435
E-mail: rhonda.rosychuk@ualberta.ca

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Overview

This document provides additional numerical and graphical summaries complement the following report available at <http://www.EDCompass.net>:

Newton A.S., Rosychuk R.J., Ali S., Cawthorpe D., Curran J., Dong K., Slomp M., Urichuk L. The Emergency Department Compass: Children's Mental Health. Pediatric mental health emergencies in Alberta, Canada: Emergency department visits by children and youth aged 0 to 17 years, 2002-2008. Edmonton, AB; 2011.

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Disclaimer

This study is based in part on data provided by Alberta Health and Wellness. The interpretation and conclusions contained herein are those of the researchers and do not necessarily represent the views of the Government of Alberta. Neither the Government nor Alberta Health and Wellness express any opinion in relation to this study.

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List of Commonly Used Abbreviations

A	Aboriginal socio-economic proxy
ACCS	Ambulatory Care Classification System
ATH	Active treatment hospital, including active treatment clinic
AHCIP	Alberta Health Care Insurance Plan
CC	Critical care
CI	Confidence interval
DSVR	Directly standardized visit rate
ED	Emergency Department
F	Female
GP	General/Family Practitioner
ICD	The International Classification of Diseases
ICD-9-CM	International Classification of Diseases, 9th rev., 3rd edn. LA, 1989
ICD-10-CA	Canadian Institute for Health Information. The Canadian Enhancement of ICD-10, 2001
IQR	Interquartile range
LAMA	Left against medical advice
LWBS	Left without being seen
M	Male
MHS	Mental health services
OR	Operating room
PED	Pediatrician
POFF	Practitioner's office
pSES	Socio-economic proxy
PYSC	Psychiatrist
R	Registrant without subsidy socio-economic proxy
RHA	Regional Health Authority
S	Government sponsored program socio-economic proxy
SD	Standard deviation
SE	Standard error
sRHA	sub-Regional Health Authority
W	Welfare socio-economic proxy
yrs	Years

A Information on Report Data and Methods

Study Period

The study period for ED visits is April 1, 2002, through March 31, 2008.

When examining visits to physicians in non-ED settings after ED mental health visits, the study period of the ED visits is October 1, 2006, to September 30, 2007, and the visits to physicians in non-ED settings are available until March 31, 2008. This time period was chosen to provide one year of ED visits and to allow six months of follow-up data after the last potential ED mental health visit. Specifically, if a child's ED mental health visit was on September 30, 2007, then the last date of follow-up possible would be March 31, 2008.

Data Description

The ACCS database was developed as a flexible and integrated system for tracking the use of ambulatory care visits within government-funded facilities in Alberta. For example, clinic visits, ED visits, and services delivered within acute care institutions in Alberta are included in this database; however, acute care visits to walk-in clinics, doctor's private offices and private facilities are not required to be reported. In addition, deaths are not recorded in this database unless they originated from an Alberta ED.

Although the ACCS tracks a variety of outpatient services, the data used in this report include only services defined as emergency or general emergency. All ED encounters in this province are entered into computerized abstracts that constitute the majority of records within the ACCS system. Using a uniform protocol, trained and supervised medical records nosologists code each chart using ICD-10-CA (April 1, 2002 onward) at each ED in the province.

Each ACCS record represents a service characterized by a combination of a personal health number (unique to each Alberta resident), a management information systems (MIS) code used to classify the type of service provided used and the date of visit.

Demographic data were obtained by linking the children/youth in the ACCS to the children/youth in an annual Alberta Health Care Insurance Plan (AHCIP) cumulative registry file. The cumulative registry file includes all persons registered under the provincial health insurance plan at any time in a given year (in this case, the 2002/03 to 2007/08 fiscal years). This file includes persons who may have been in the province for only part of the year. Visitors to EDs who were not registered with the Alberta health care insurance plan were not included in this report. The de-

mographic information includes: age, gender, health region of residence and, socio-economic proxy. These demographic data were also provided for all members of the Alberta population.

In addition to the ED visit information, subsequent visits to physicians in non-ED settings, hereafter called follow-up visits, were obtained by linking the children/youth in the ACCS to the children/youth in the Physician Claims database. All follow-up visits to physicians within 180 days (6 months) after a child/youth's ED visit start date were provided. The maximum date for the follow-up visits in the extracted data set is September 30, 2008. Since physicians have up to six months to submit their claims and we wanted to examine follow-up physician visits within 180 days of the ED visit, the end date for follow-up visits is March 31, 2008. Up to three diagnosis ICD-9 codes were provided for each follow-up visit. Table A.1 provides a list of the data fields and sources used in this report.

Table A.1: Data fields used in this report.

Variable	Source
Diagnostic Information for ED Visit	ACCS
Disposition Status for ED visit	ACCS
Start/End Dates/Time of ED visit	ACCS
Triage Level	ACCS
Date/Time of Triage	ACCS
Date/Time of Initial Physician Assessment	ACCS
Age	AHCIP, ACCS
Gender	AHCIP, ACCS
Health Region of Residence	AHCIP
Socio-economic Proxy	AHCIP
Date of Follow-up Visit	Physician Claims
Diagnostic Information for Follow-up Visit	Physician Claims
Physician Specialty at Follow-up Visit	Physician Claims
Facility Type at Follow-up Visit	Physician Claims

The study was approved by the University of Alberta Health Research Ethics Board.

Diagnostic Information for ED Visit

Diagnostic information in the ACCS consists of a main ambulatory diagnosis field, and nine additional diagnostic fields for ICD-10-CA codes.

Disposition Status

All patients entering an ED are given a disposition according to the manner in which they are separated/released from the ambulatory service facility. Disposition codes are provided in Table A.2. Service recipient is the terminology used to refer to a child/youth visiting an ED for medical care.

Table A.2: Disposition codes and definitions.

Code	Definition
1	Discharged – visit concluded.
2	Discharged from program or clinic - will not return for further care. (This code refers only to the last visit of a service recipient discharged from a treatment program at which he/she has been seen for repeat services.)
3	LAMA – Left against medical advice. (Intended care not completed.)
4	Service recipient admitted as an inpatient to Critical Care Unit or OR (Operating Room) in own facility.
5	Service recipient admitted as an inpatient to other area in own facility.
6	Service recipient transferred to another acute care facility (includes psychiatric, rehabilitation, oncology, and pediatric facilities).
7	DAA – Service recipient expired in ambulatory care service.
8	DOA – Service recipient dead on arrival to ambulatory care service.
9	LBWS – Left without being seen. (Not seen by a professional service provider.)
0	No doctor available. (Service recipient was asked to return later.) <i>Introduced in 2006/07.</i>

Discharged and admitted subgroups were created by defining discharged as disposition 1 or 2 and admitted as disposition 4 or 5.

Date of ED Visit

The start date is the month and day of the year the ED service was started. The end date is the month and day of the year the ED service ended.

Time of ED Visit

The start time is the time the ED service was started. The end time is the time the ED service ended. Missing end times were either not entered or entered as 23:59. For analytical purposes,

time of visit was reduced to hour of visit. The number of visits for a given hour represents the number of visits between the start of that hour and the hour following less one minute (for example, 11:00-11:59).

Age

The age is the age of the child/youth at the date of the ED service. It is calculated as the age in years based on the birth date in the cumulative registry file and the ED visit date. When the birth date is not available in the cumulative registry file, the birth date recorded in the ACCS is used. If there is an inconsistency in the reporting of birth date from both data sources, the cumulative registry file birth date is used. Age categories are formed by grouping ages into 5-year intervals (0-4, 5-9, 10-14, and 15-17).

Gender

The gender is reported in the cumulative registry file. Almost all Albertans are coded as having either a male (M) or female (F) gender. When the gender is not available in the cumulative registry file, the gender reported in the ACCS is used.

Health Region of Residence

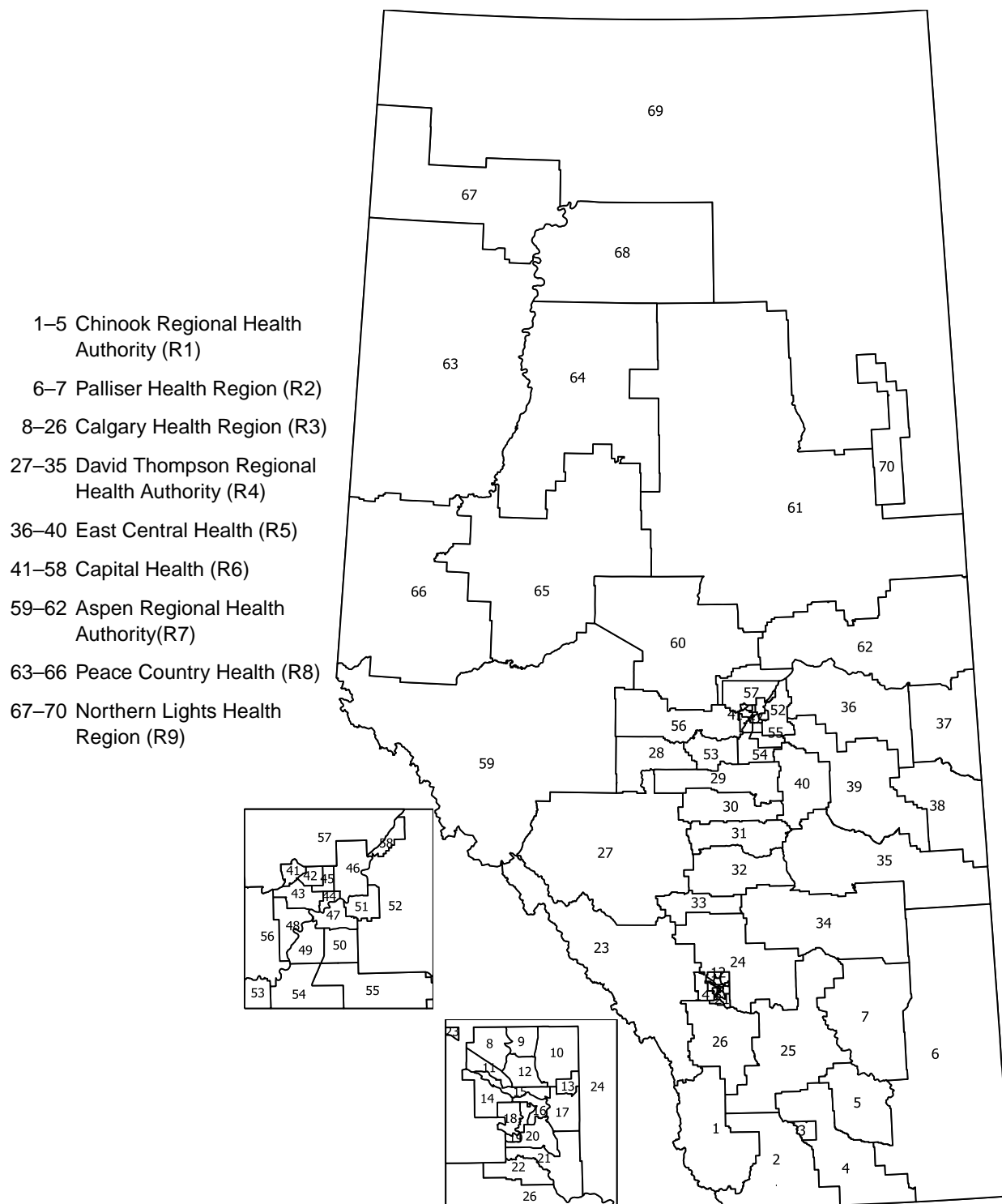
The health region of residence is reported according to which Regional Health Authority (RHA) the child/youth lived at the end of the fiscal year. In 2003, the province was divided into nine RHAs. These nine RHAs were further divided into 70 sub-Regional Health Authorities (sRHAs). Prior to 2003, the province was divided into 17 regions.¹ In 2009, all RHAs were combined to form Alberta Health Services.

Alberta Health and Wellness uses postal code information and the geographic boundaries of the sRHAs to provide the sRHA of residence for each child/youth in the data file for analysis purposes. Figure A.1 shows the sRHA boundaries and RHA names. The sRHA codes and names are provided in Appendix I (Table I.1).

Socio-economic Proxy (pSES)

Healthcare in Alberta is funded by the Alberta government and financed in part (until January 1, 2009) through health care insurance premiums. Residents with lower incomes or on social services (e.g., welfare) were eligible for subsidies for these health premiums. As a result, the subsidy level can be used as a proxy measure for socio-economic status. In addition, many

Figure A.1: Alberta sub-Regional Health Authorities.



Aboriginal children/youth in Alberta have “Treaty” status based on treaties between their First Nation bands and the Federal Government. These treaties entitle health care at no cost for any member of the First Nation band that signed the treaty (for further definition of “Treaty” status, please see reference to Indian and Northern Affairs Canada²). Consequently, the subsidy level variable combines data from a number of different fields into a single field with four possible categories: “Aboriginal–with Treaty status” (A), “Welfare” (W), “Government Sponsored Programs” (S), and “Registrant without Subsidy” (R). The Welfare category represents children/youth in families who are receiving income support and health benefits from the province of Alberta because they do not have sufficient resources to meet basic needs (e.g., food, shelter). Albertans with lower incomes who receive partial or full subsidies for their healthcare insurance premiums or those receiving disability benefits comprise the Government Sponsored Programs group.

The four groups are mutually exclusive: each child/youth is a member of only one group at the end of a fiscal year. A child/youth registered in the AHCIP is considered an Alberta resident and one of the four groups would apply.

Triage Level

Triage level represented the urgency of ED care required by the child/youth. The availability of this variable depends on the year and region of the reporting ED. Prior to April 31, 2004, this field was optional to report. In subsequent years, the field became mandatory for urban hospitals (as of April 1, 2004), for regional hospitals (as of April 1, 2005), and for all rural hospitals (as of April 1, 2006). Table A.3 provides the triage levels.

Table A.3: Triage level codes and definitions.

Code	Definition
1	Resuscitation
2	Emergency
3	Urgent
4	Semi-Urgent
5	Non-Urgent
Blank or 9	Unavailable

Triage Date

The triage date is the day, month, and year when the child/youth was triaged in the ED. This field is optional for most EDs, but mandatory for urban hospitals to report since April 1, 2006.

Triage Time

The triage time is the time a child/youth was triaged in the ED. This field is optional for most EDs, but mandatory for urban hospitals to report since April 1, 2006.

Date of Initial Physician Assessment

Date of initial physician assessment is the date on which the child/youth received the initial assessment from a physician in the ED. This field is available since April 1, 2006, and was optional to report.

Time of Initial Physician Assessment

Time of initial physician assessment is the time when a child/youth received the initial assessment from a physician in the ED. This field is available since April 1, 2006 and, is optional to report.

Date of Follow-up Visit

The month, day, and year a child/youth visited a physician in a non-ED setting is defined as the follow-up visit date. The follow-up visit must occur within six months (180 days) of a child/youth's ED visit end date to be included in the data set. The latest date for the follow-up visits was March 31, 2008. To enable six months of follow-up of children/youth making ED visits, a cut-off date of September 30, 2007, for ED visits is used in the follow-up visit analyses.

Diagnostic Information for Follow-up Visit

Diagnostic information in the Physician Claims file consisted of three diagnostic fields. These diagnostic fields used ICD-9 codes only.

Physician Specialty

The Physician Claim file provided the specialty of the physician involved in the follow-up visit. For the purposes of this report, four physician specialty codes are used (Table A.4).

Table A.4: Physician specialty codes and definitions.

Code	Definition
GP	General Family Practitioner
PED	Pediatrician
PSYC	Psychiatrist
Other	All other categories

Follow-up Facility Type

The follow-up facility type is the type of facility that provided the follow-up service. This information is provided by the Physician Claim file. Four categories of facility are used in this report (Table A.5).

Table A.5: Facility codes and definitions.

Code	Definition
ATH	Active Treatment Hospital, including Active Treatment Clinic and Ambulatory Care Centre
MHS	Mental Health Services
POFF	Practitioner's Office
Other	All other categories

Case Definition

Up to 10 ambulatory care diagnoses are used to identify cases. Distinct children/youth are identified using a personal health number (PHN). A case is any Alberta resident who makes at least one visit to an ED for mental health during the study period.

The cases are identified based on ICD-10-CA codes. To be considered a mental health visit, the primary diagnostic field contains the ICD-10-CA codes listed in Table J.1. For intentional self-harm, additional diagnostic fields are considered. In the case that an ED visit does not contain any of the F codes in the primary field and the additional diagnostic fields contained both accident codes (X40, . . . , X49 [inclusive], any V code, W65, . . . , W74) and self-harm codes, then the ED visit is examined to confirm classification as a mental health visit.

To determine mental health-related follow-up visits, ICD-9 diagnostic codes are used. Either the

Table A.6: Diagnostic ICD-10-CA codes for the case definition of mental health.

Short Title	Code	Classification
Substance use	F10.x, ..., F19.x	Mental and behavioural disorders due to psychoactive substance use
Psychosis-related	F20.x, ..., F29.x	Schizophrenia, schizotypal and delusional disorders
Mood	F30.x, ..., F34.x, F38.x, F39.x	Mood disorders
Neurotic/stress-related	F40.x, F41.x, F42.x, F43.x	Neurotic, stress-related and somatoform disorders
Behavioural syndrome	F50.x, F55.x, F59.x	Behavioural syndromes associated with physiological disturbances and physical factors
Personality-related	F60.x, ..., F69.x	Disorders of adult personality and behaviour
Behavioural/Emotional	F90.x, ..., F94.x	Behavioural/emotional disorders
Unspecified	F99	Unspecified mental disorder
Self-harm	T71, X60, ..., X84	Intentional self-harm

first diagnostic field had to match at least one of the ICD-9 codes in Table A.7 or any additional diagnostic field had to match the intentional self-harm category for the follow-up visit to be classified as a mental health follow-up visit.

Table A.7: Diagnostic ICD-9-CA codes for the case definition of mental health.

Code	Classification
291.x, 292.x, 303.x, 304.x, 305.x	Mental and behavioural disorders due to psychoactive substance use
295.x, 297.x, 298.x	Schizophrenia, schizotypal and delusional disorders
296.x, 300.4,311	Mood disorders
300.x (except 300.4, 300.9, 300.16), 308.x	Neurotic, stress-related and somatoform disorders
306.x, 307.x	Behavioural syndromes associated with physiological disturbances and physical factors
301.x, 302.x, 300.16	Disorders of adult personality and behaviour
309.x, 312.x, 313.x, 314.x	Behavioural/emotional disorders
300.9	Unspecified mental disorder
980.x, 981, 986, 982.x, 987.x	Toxic effects of non-medicinal substances
E95.x, 994.7	Intentional self-harm

Data Analysis

Data were checked for inconsistencies. A summary of the cleaning procedure is provided in Appendix C.

Frequencies and percentages summarized categorical data such as number of ED visits during the study period. Mean, standard deviation (SD), median, and interquartile range (IQR, 25th percentile to 75th percentile) summarized continuous data such as age at ED visit. Graphical summaries included bar charts for categorical data and line plots for data over time. The numeric and graphic summaries are provided for each fiscal year and all years combined as well as for different subgroups such as age group, gender, and socio-economic proxy (pSES). To maintain non-identifiability of individual children and youth, some counts were suppressed (denoted by '-') or categories combined.

Children and youth made multiple visits to the ED. When summarizing ED visit information, the number of visits and the number of children/youth were determined. If the summary involved mutually exclusive categories, such as male or female, then the number of distinct (unique) children/youth were reported. For information like disposition, the same child/youth may have multiple ED visits during the study period and each ED visit may have a different disposition. In this case, the number of children/youth by category was reported but the children/youth are not necessarily distinct.

For each fiscal year, the number of mental health ED visits per 100,000 population (age < 18) was calculated by age groups and gender for the full data set. These same calculations were made by pSES group. Note that the age information was only available for the population data at the end of the fiscal year whereas the age of a child/youth presenting to an ED was obtained at the day of the ED visit. Population data were not available for each day of the study period and hence, the fiscal year end population was used in all rate calculations.

Directly standardized visit rates (DSVRs) and associated SEs³ were calculated to adjust for differences in the gender and age distributions over time and over geography. The Alberta population in 2002/03 stratified by gender and age group was used as the reference population for DSVRs based on the whole group. The DSVRs were calculated by fiscal year, by pSES, and by RHA. The DSVRs have no intrinsic meaning but are a way to compare data to adjust for variation in gender and age distributions. Confidence intervals (CIs) were provided for DSVR estimates and statistical tests were used to compare DSVRs between pSES groups during the same fiscal year. A p-value (p) less than 0.05 was considered to be statistically significant.

To facilitate analyses with both the ED and follow-up visits, a subset of ED visits that concluded with a discharge (disposition 1 or 2) and had an ED visit end date between October 1, 2006, and September 30, 2007, was created. If a child/youth had more than one ED visit that concluded in discharge during this time frame, one ED visit was randomly selected to be the ED visit included in the discharged subset. This discharged subset included only one record per distinct child/youth and allowed our analyses to focus on follow-up visits after a specific ED visit. In addition, we were able to capture a full six months of follow-up visits following an ED visit. Since times are not known for the follow-up visits, the follow-up visit must have a date (month and day) that was after the ED visit. The follow-up visits were summarized for the 7, 14, 30, 90, and 180 days following the ED visit by the follow-up visit variables.

The discharged subset was also used to examine the time from the index ED visit to the next ED visit, as well as the time from the ED visit to the first follow-up visit. The time from the index ED visit end date to the next ED visit start date was calculated. If a child/youth did not have an ED visit after the index ED visit, the time calculated was based on the time from the index ED visit to the end of the study period (March 31, 2008). These children/youth's event times were censored at March 31, 2008. Similarly, the time from index ED visit to the first follow-up visit was calculated. If an ED visit had occurred before the first follow-up visit, the time was censored at the date of the ED visit. If a visit to the hospital had occurred before the first follow-up visit, the time is censored at the date of the hospital visit. If a child/youth did not have a follow-up visit before the end of the study period, the time was censored at the end of the study period (i.e., March 31, 2008). Kaplan-Meier curves were created to display the times to these events by different factors. Log-rank tests were provided to compare pSES groups.

There were some instances where data were missing or inconsistent. The population data included 236 records with missing sRHA of residence. These records were reported as missing throughout the region related population summary tables; but, were excluded from calculations when directly standardized rates for ED visits are computed. For the ED visit data, two visits by the same child/youth had no reported sRHA of residence. The regional summary tables contain this information; however, the regional DSVRs do not include these missing observations. Other inconsistencies were addressed by rules based on likely scenarios. Details are provided in Appendix C.

Splus⁴ was the statistical software package used for data analysis.

B Limitations

Children and youth experiencing mental health crises may seek alternatives to ED care. Hence, the data in this report do not capture all contacts with the health care system for mental health crises. The patterns seen could be related to differences in emergency service delivery and not systematic differences in illness distribution.

Aboriginal status was based on Treaty Status, which remains a proxy measure to identify children and youth as Aboriginal. Specifically, this would exclude Métis, Inuit, and other culturally Aboriginal people who do not have Treaty Status. In addition, Aboriginal children and youth may have alternative access to non-physicians following an ED visit.

The ACCS database provides limited information about disease management in the ED. Data from ACCS do not have the detailed information on treatments proposed and received compared to what may be recorded in the patient's chart. While we know some information about the triage level of the child/youth, these data are not available during the entire study period.

The follow-up visit information does not include non-Albertans and non-registered Albertans. Follow-up visits and ED visits outside the province are not captured, and we could not capture data for follow-up visits that were associated with non-physician services (e.g., psychologists, other community mental health services).

C Data Cleaning Details

Data were checked for internal inconsistencies. When a child/youth had multiple ED visits, age, gender, disposition, ED visit start and end dates/times, and triage and physician assessment dates/times were examined. An age inconsistency was identified if for two ED visits, the difference in ages reported at the fiscal year end was not the same as the difference in the years of the ED visits. No such inconsistencies were found.

A gender inconsistency was identified if a child/youth had more than one gender. While some children/youth may actually switch genders, for the purposes of analysis the most prevalent gender or the gender at first visit was used for gender inconsistencies. One such inconsistency was found.

A disposition inconsistency was identified if a child/youth, prior to his/her last ED visit, had died on arrival to ambulatory care service (disposition=8) or in ambulatory care service (disposition=7). No such inconsistency was found.

Multiple inconsistencies were possible for the start and end dates and times of ED visits. For example, a child/youth could have had two ED visits and the visits may be the same or overlapping (i.e., start date of the second ED visit is recorded before the first ED visit ends). These were not practical scenarios and we applied rules to deal with such inconsistencies as follows:

1. **Case 1: Two ED visits by the same child/youth are identified with exactly the same ED visit start and end date and time.**
 - (a) *Rule a:* If dispositions and diagnosis are also the same, then randomly keep one ED visit and delete the other.
 - (b) *Rule b:* If dispositions are the same, but one ED visit has more diagnosis fields recorded than the other, then the ED visit with more diagnosis fields noted down is kept. If the diagnosis differs in some fields, then all diagnosis are combined to make a new ED visit, and the new one is kept while the two old ones are abandoned.
 - (c) *Rule c:* Dispositions are different. If the two ED visits are recorded to have dispositions 6 and 1 or 3 and 1, then the one with disposition 1 is kept. If the two ED visits are recorded to have disposition 5 and 1, then the hospitalization data file is checked to see if there is any visit to the hospital right after the ED visit, if yes, then the ED visit with disposition 5 is kept, otherwise the one with 1 is chosen.
2. **Case 2: Two ED visits by the same child/youth, with one of the ED visit time lies within the other.**

- (a) *Rule a*: If one ED visit is recorded with disposition 3 and the other 1, then the one with disposition 3 is kept while the other one deleted.
- (b) *Rule b*: If the two ED visits are recorded with disposition 5 and 1 or 6 and 1, and the visit time of the ED visits that have disposition 5 or 6 lies within the other ones, then the end time of the ED visit with disposition 1 is changed to be one minute ahead of the other visit. Both visits are then kept.
- (c) *Rule c*: If it is not any of the cases described in Rule a or b, then the ED visit with longer length of stay is kept.

3. Case 3: Two ED visits by the same child/youth, with the end time of the earlier ED visit be after the start time of the later visit while it does not belong to case 1 or 2.

- (a) *Rule a*: If one ED visit is recorded with disposition 3 and the other 1, then the one with disposition 3 is kept while the other one deleted.
- (b) *Rule b*: If the earlier ED visit has disposition 6 and the later 5, then the hospitalization data file is checked to see if there is any record of visit that happened right after the ED visit. If there is, then the ED visit with disposition 5 is kept while the other deleted.
- (c) *Rule c*: If the two ED visits have the same dispositions, then the earlier ED visit is revised in that the end time is changed to be the end time of the later visit to be kept and the later visit is removed.

Inconsistencies in start and end dates/times were identified for 676 ED visits made by 584 children/youth. After the rules were applied, 20 ED visits by 20 children/youth were acceptable for analysis.

The relationships amongst the ED visit start time, triage time, and initial physician assessment time were also reviewed for inconsistencies. There were two ED visits whose triage date and time were after the ED visit end date and time. They were excluded for calculation of the duration from triage time to ED end time. There were also 21 cases where the ED start date and time were after the initial physician assessment date and time, while 5 cases were identified to have the ED visit end date and time before the initial physician assessment date and time. These inconsistencies were left untreated as no calculations were done based on them. Additionally, 8 ED visits were recorded to have a triage date/time earlier than the initial physician assessment date/time. These cases were left unchanged except when it came to the calculation of duration from triage time to initial physician assessment time the durations were set to be 0.

D Population Demographics

The appendices display tables and figures of detailed information. Totals (n) are provided. Frequencies are provided for each category as well as the percentage in brackets (%).

Table D.1: Population by age group for each fiscal year.

	02/03	03/04	04/05	05/06	06/07	07/08
n	774,149	773,336	774,422	782,725	801,086	812,491
00-04	194,911 (25.2)	196,104 (25.4)	198,871 (25.7)	205,785 (26.3)	218,032 (27.2)	228,243 (28.1)
05-09	210,261 (27.2)	208,723 (27.0)	206,883 (26.7)	206,546 (26.4)	209,644 (26.2)	212,480 (26.2)
10-14	230,458 (29.8)	229,393 (29.7)	227,377 (29.4)	226,653 (29.0)	227,270 (28.4)	226,400 (27.9)
15-17	138,519 (17.9)	139,116 (18.0)	141,291 (18.2)	143,741 (18.4)	146,140 (18.2)	145,368 (17.9)

Table D.2: Population by gender for each fiscal year.

	02/03	03/04	04/05	05/06	06/07	07/08
n	774,149	773,336	774,422	782,725	801,086	812,491
F	377,452 (48.8)	377,012 (48.8)	377,499 (48.7)	381,652 (48.8)	390,383 (48.7)	396,052 (48.7)
M	396,697 (51.2)	396,324 (51.2)	396,923 (51.3)	401,073 (51.2)	410,703 (51.3)	416,439 (51.3)

Table D.3: Population by pSES for each fiscal year.

	02/03	03/04	04/05	05/06	06/07	07/08
n	774,149	773,336	774,422	782,725	801,086	812,491
A	47,491 (6.1)	47,970 (6.2)	48,432 (6.3)	48,761 (6.2)	48,950 (6.1)	49,145 (6.0)
R	611,507 (79.0)	602,473 (77.9)	599,882 (77.5)	608,438 (77.7)	604,884 (75.5)	621,595 (76.5)
S	94,369 (12.2)	101,329 (13.1)	104,709 (13.5)	105,843 (13.5)	127,320 (15.9)	119,744 (14.7)
W	20,782 (2.7)	21,564 (2.8)	21,399 (2.8)	19,683 (2.5)	19,932 (2.5)	22,007 (2.7)

A=Aboriginal, R=Registrant without Subsidy, S=Government Sponsored Programs, W=Welfare

Figure D.1: Population by age group and gender, 2007/08.

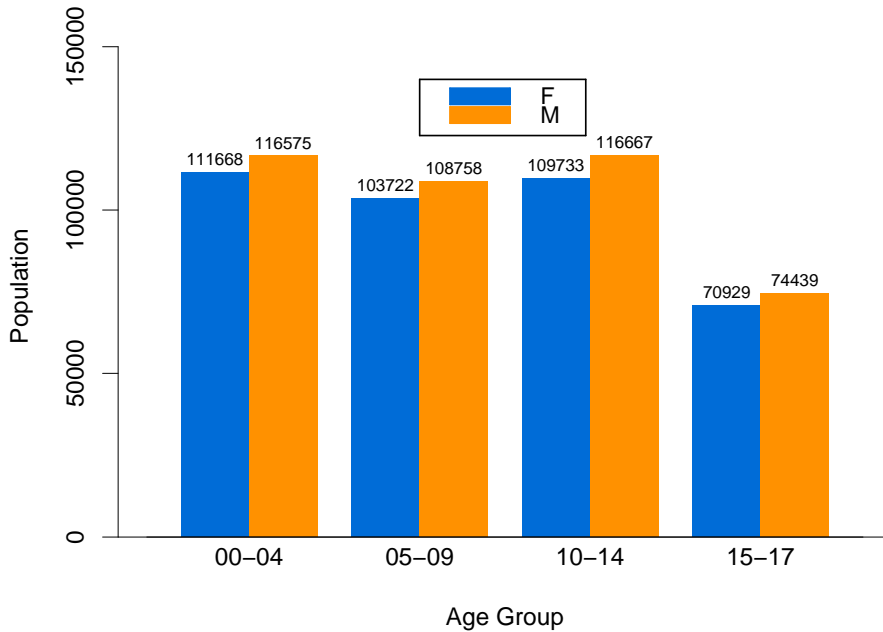


Table D.4: Population by residential RHA for each fiscal year.

	02/03	03/04	04/05	05/06	06/07	07/08
n	774,149	773,336	774,422	782,725	801,086	812,491
R1	40,190 (5.2)	40,090 (5.2)	39,775 (5.1)	39,612 (5.1)	40,484 (5.1)	41,248 (5.1)
R2	24,431 (3.2)	24,490 (3.2)	24,610 (3.2)	24,806 (3.2)	25,356 (3.2)	25,707 (3.2)
R3	265,046 (34.2)	267,352 (34.6)	269,528 (34.8)	275,838 (35.2)	282,728 (35.3)	287,838 (35.4)
R4	75,430 (9.7)	75,146 (9.7)	74,720 (9.6)	75,015 (9.6)	76,391 (9.5)	77,020 (9.5)
R5	27,458 (3.5)	26,804 (3.5)	27,043 (3.5)	26,892 (3.4)	27,531 (3.4)	27,761 (3.4)
R6	231,324 (29.9)	230,518 (29.8)	229,698 (29.7)	231,549 (29.6)	237,679 (29.7)	241,140 (29.7)
R7	50,998 (6.6)	49,288 (6.4)	49,152 (6.3)	48,510 (6.2)	48,713 (6.1)	48,589 (6.0)
R8	37,338 (4.8)	37,306 (4.8)	37,239 (4.8)	37,741 (4.8)	38,753 (4.8)	39,161 (4.8)
R9	21,843 (2.8)	22,230 (2.9)	22,572 (2.9)	22,641 (2.9)	23,305 (2.9)	23,915 (2.9)
Missing	91 (0.0)	112 (0.0)	85 (0.0)	121 (0.0)	146 (0.0)	112 (0.0)

R1=Chinook Regional Health Authority, R2=Palliser Health Region, R3=Calgary Health Region, R4=David Thompson Regional Health Authority, R5=East Central Health, R6=Capital Health, R7=Aspen Regional Health, R8=Peace Country Health, R9=Northern Lights Health Region

E ED Visit Demographics

Table E.1: ED mental health visits and distinct children/youth for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
Visits	4,865	4,917	5,105	5,274	5,287	5,208	30,656
Distinct Children/Youth	3,865	3,902	4,126	4,157	4,176	4,117	20,956

Figure E.1: ED mental health visits and distinct children/youth by fiscal year.

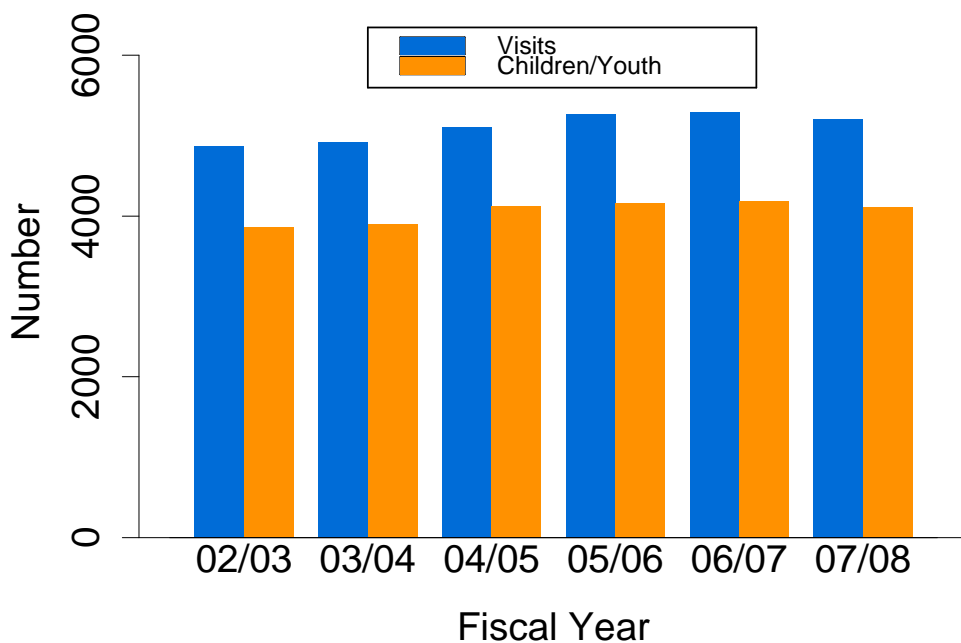


Table E.2: ED visits and distinct children/youth by age group for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
n	4,865	4,917	5,105	5,274	5,287	5,208	30,656
00-04	58 (1.2)	63 (1.3)	52 (1.0)	46 (0.9)	49 (0.9)	69 (1.3)	337 (1.1)
05-09	229 (4.7)	200 (4.1)	228 (4.5)	260 (4.9)	231 (4.4)	227 (4.4)	1,375 (4.5)
10-14	1,560 (32.1)	1,572 (32.0)	1,648 (32.3)	1,740 (33.0)	1,720 (32.5)	1,595 (30.6)	9,835 (32.1)
15-17	3,018 (62.0)	3,082 (62.7)	3,177 (62.2)	3,228 (61.2)	3,287 (62.2)	3,317 (63.7)	19,109 (62.3)
Distinct Children/Youth							
n	3,865	3,902	4,126	4,157	4,176	4,117	
00-04	58 (1.5)	58 (1.5)	50 (1.2)	46 (1.1)	48 (1.1)	68 (1.7)	
05-09	202 (5.2)	179 (4.6)	205 (5.0)	197 (4.7)	190 (4.5)	201 (4.9)	
10-14	1,247 (32.3)	1,258 (32.2)	1,355 (32.8)	1,389 (33.4)	1,362 (32.6)	1,282 (31.1)	
15-17	2,358 (61.0)	2,407 (61.7)	2,516 (61.0)	2,525 (60.7)	2,576 (61.7)	2,566 (62.3)	

Table E.3: ED mental health visits and distinct children/youth by gender for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
n	4,865	4,917	5,105	5,274	5,287	5,208	30,656
F	2,867 (58.9)	2,837 (57.7)	2,968 (58.1)	3,117 (59.1)	3,114 (58.9)	3,040 (58.4)	17,943 (58.5)
M	1,998 (41.1)	2,080 (42.3)	2,137 (41.9)	2,157 (40.9)	2,173 (41.1)	2,168 (41.6)	12,713 (41.5)
Distinct Children/Youth							
n	3,865	3,902	4,126	4,157	4,176	4,117	
F	2,260 (58.5)	2,220 (56.9)	2,370 (57.4)	2,413 (58.0)	2,390 (57.2)	2,354 (57.2)	
M	1,605 (41.5)	1,682 (43.1)	1,756 (42.6)	1,744 (42.0)	1,786 (42.8)	1,763 (42.8)	

Table E.4: ED mental health visits and distinct children/youth by pSES for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
n	4,865	4,917	5,105	5,274	5,287	5,208	30,656
A	581 (11.9)	627 (12.8)	725 (14.2)	740 (14.0)	791 (15.0)	766 (14.7)	4,230 (13.8)
R	3,121 (64.2)	3,079 (62.6)	3,174 (62.2)	3,222 (61.1)	3,136 (59.3)	2,983 (57.3)	18,715 (61.0)
S	830 (17.1)	911 (18.5)	896 (17.6)	996 (18.9)	1,018 (19.3)	1,088 (20.9)	5,739 (18.7)
W	333 (6.8)	300 (6.1)	310 (6.1)	316 (6.0)	342 (6.5)	371 (7.1)	1,972 (6.4)
Distinct Children/Youth							
n	3,865	3,902	4,126	4,157	4,176	4,117	
A	462 (12.0)	501 (12.8)	557 (13.5)	591 (14.2)	603 (14.4)	601 (14.6)	
R	2,544 (65.8)	2,529 (64.8)	2,633 (63.8)	2,607 (62.7)	2,530 (60.6)	2,426 (58.9)	
S	613 (15.9)	641 (16.4)	687 (16.7)	724 (17.4)	786 (18.8)	804 (19.5)	
W	246 (6.4)	231 (5.9)	249 (6.0)	235 (5.7)	257 (6.2)	286 (6.9)	

A=Aboriginal, R=Registrant without Subsidy, S=Government Sponsored Programs, W=Welfare

Table E.5: ED mental health visits and distinct children/youth by gender and age group for each year and all years combined.

		02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits								
F	n	2,867	2,837	2,968	3,117	3,114	3,040	17,943
	00-04	30 (1.0)	29 (1.0)	24 (0.8)	24 (0.8)	22 (0.7)	26 (0.9)	155 (0.9)
	05-09	71 (2.5)	78 (2.7)	83 (2.8)	91 (2.9)	84 (2.7)	73 (2.4)	480 (2.7)
	10-14	911 (31.8)	902 (31.8)	999 (33.7)	1,049 (33.7)	1,045 (33.6)	966 (31.8)	5,872 (32.7)
	15-17	1,855 (64.7)	1,828 (64.4)	1,862 (62.7)	1,953 (62.7)	1,963 (63.0)	1,975 (65.0)	11,436 (63.7)
M	n	1,998	2,080	2,137	2,157	2,173	2,168	12,713
	00-04	28 (1.4)	34 (1.6)	28 (1.3)	22 (1.0)	27 (1.2)	43 (2.0)	182 (1.4)
	05-09	158 (7.9)	122 (5.9)	145 (6.8)	169 (7.8)	147 (6.8)	154 (7.1)	895 (7.0)
	10-14	649 (32.5)	670 (32.2)	649 (30.4)	691 (32.0)	675 (31.1)	629 (29.0)	3,963 (31.2)
	15-17	1,163 (58.2)	1,254 (60.3)	1,315 (61.5)	1,275 (59.1)	1,324 (60.9)	1,342 (61.9)	7,673 (60.4)
Distinct Children/Youth								
F	n	2,260	2,220	2,370	2,413	2,390	2,354	
	00-04	30 (1.3)	28 (1.3)	23 (1.0)	24 (1.0)	22 (0.9)	26 (1.1)	
	05-09	68 (3.0)	74 (3.3)	74 (3.1)	66 (2.7)	64 (2.7)	68 (2.9)	
	10-14	718 (31.8)	717 (32.3)	801 (33.8)	820 (34.0)	799 (33.4)	753 (32.0)	
	15-17	1,444 (63.9)	1,401 (63.1)	1,472 (62.1)	1,503 (62.3)	1,505 (63.0)	1,507 (64.0)	
M	n	1,605	1,682	1,756	1,744	1,786	1,763	
	00-04	28 (1.7)	30 (1.8)	27 (1.5)	22 (1.3)	26 (1.5)	42 (2.4)	
	05-09	134 (8.3)	105 (6.2)	131 (7.5)	131 (7.5)	126 (7.1)	133 (7.5)	
	10-14	529 (33.0)	541 (32.2)	554 (31.5)	569 (32.6)	563 (31.5)	529 (30.0)	
	15-17	914 (56.9)	1,006 (59.8)	1,044 (59.5)	1,022 (58.6)	1,071 (60.0)	1,059 (60.1)	

Table E.6: Age group and gender specific ED visit rates per 100,000 population.

	02/03	03/04	04/05	05/06	06/07	07/08
F 00-04	31.5	30.2	24.7	23.8	20.6	23.3
05-09	69.5	76.9	82.4	90.6	82.2	70.4
10-14	809.6	807.6	902.1	950.9	947.2	880.3
15-17	2,750.4	2,689.5	2,700.4	2,780.7	2,758.0	2,784.5
M 00-04	28.1	33.9	27.5	20.9	24.2	36.9
05-09	146.1	113.7	136.5	159.3	136.9	141.6
10-14	550.3	569.2	556.4	593.9	577.2	539.1
15-17	1,636.3	1,762.5	1,817.9	1,734.5	1,766.2	1,802.8

Table E.7: Age group and gender specific ED visit rates by pSES per 100,000 population.

		02/03	03/04	04/05	05/06	06/07	07/08	
F	A	00-04	79.2	78.1	138.8	75.3	29.3	28.4
		05-09	150.5	135.7	166.1	167.4	46.4	93.1
		10-14	1,611.0	1,616.3	2,326.3	2,498.5	2,462.5	2,222.2
		15-17	5,920.9	6,448.1	6,342.1	7,019.8	7,207.4	7,047.6
	R	00-04	20.4	20.6	13.6	20.8	21.5	19.0
		05-09	49.1	52.7	56.0	75.2	61.8	40.8
		10-14	634.0	652.8	696.2	684.9	723.8	628.3
		15-17	2,262.3	2,101.6	2,147.6	2,173.4	2,173.6	2,155.5
	S	00-04	31.1	14.7	28.3	20.9	16.9	41.0
		05-09	120.7	148.9	117.2	125.0	150.9	174.1
		10-14	1,335.2	1,238.2	1,210.1	1,522.5	1,306.2	1,353.4
		15-17	4,092.0	4,328.2	4,104.6	4,244.6	3,435.4	3,992.0
	W	00-04	214.1	242.1	34.4	0.0	0.0	31.3
		05-09	216.8	245.6	437.3	169.3	324.8	254.9
		10-14	2,069.2	1,548.3	2,164.4	2,527.5	1,905.1	2,613.2
		15-17	6,495.8	5,915.5	5,382.1	5,564.8	6,955.1	6,194.2
M	A	00-04	91.5	15.1	15.0	0.0	57.4	56.3
		05-09	154.7	184.7	115.5	175.3	151.2	179.6
		10-14	1,150.3	1,012.7	1,115.0	1,284.9	1,138.4	968.9
		15-17	4,136.3	4,811.0	5,463.2	4,367.0	5,635.5	5,787.3
	R	00-04	26.1	30.2	20.6	17.4	19.3	23.8
		05-09	103.3	81.4	106.0	132.5	83.6	93.5
		10-14	422.3	424.5	429.6	444.1	456.9	374.1
		15-17	1,276.6	1,414.6	1,453.3	1,381.2	1,326.6	1,323.5
	S	00-04	0.0	69.5	54.8	33.6	21.4	66.7
		05-09	300.9	192.9	249.1	223.7	277.3	273.1
		10-14	916.7	1,044.3	854.0	923.9	768.9	982.1
		15-17	2,462.5	2,375.3	2,211.2	2,439.6	2,165.8	2,440.5
	W	00-04	69.6	0.0	100.9	107.8	103.8	178.7
		05-09	629.2	447.2	450.5	584.8	778.2	665.7
		10-14	1,530.4	1,617.4	1,545.9	1,870.8	1,715.5	1,983.5
		15-17	4,716.5	3,615.7	3,499.0	3,825.7	4,438.6	4,140.3

A=Aboriginal, R=Registrant without Subsidy, S=Government Sponsored Programs, W=Welfare

Table E.8: Gender and age group directly standardized visit rates (DSVRs) per 100,000 population by fiscal year. Standard errors and 95% confidence intervals (CIs) are provided.

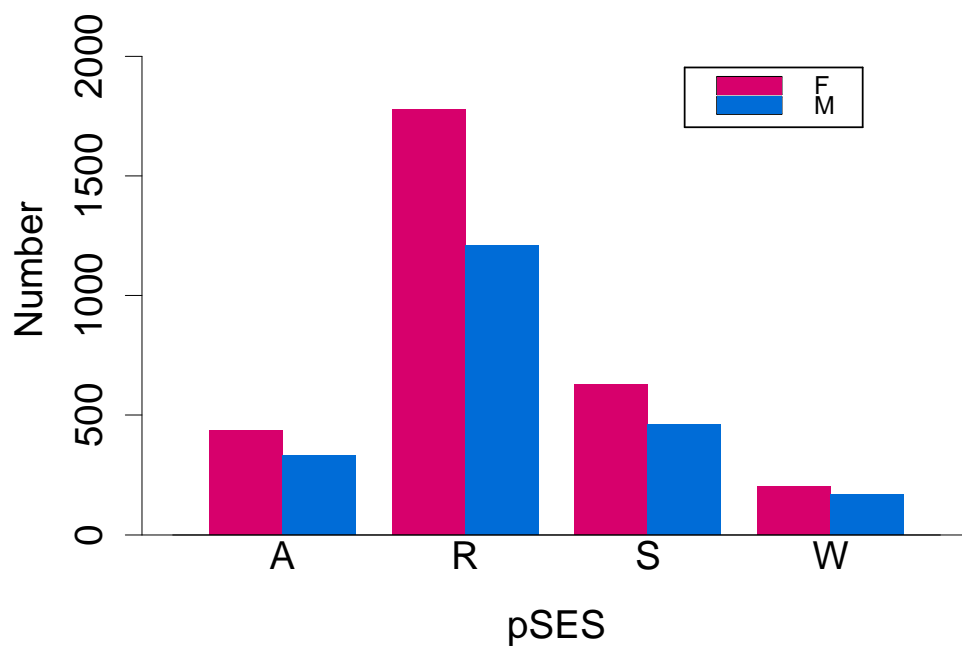
	02/03	03/04	04/05	05/06	06/07	07/08
DSVR	628.4 (11.6)	634.3 (12.9)	654.6 (11.6)	670.0 (12.1)	663.6 (12.1)	654.9 (11.7)
95% CI	605.7 to 651.1	609.0 to 659.7	631.9 to 677.3	646.4 to 693.7	639.9 to 687.4	631.9 to 677.8

Table E.9: ED mental health visits and distinct children/youth by gender and pSES for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
F n	2,867	2,837	2,968	3,117	3,114	3,040	17,943
A	331 (11.5)	359 (12.7)	419 (14.1)	458 (14.7)	456 (14.6)	435 (14.3)	2,458 (13.7)
R	1,873 (65.3)	1,782 (62.8)	1,838 (61.9)	1,883 (60.4)	1,872 (60.1)	1,776 (58.4)	11,024 (61.4)
S	481 (16.8)	531 (18.7)	534 (18.0)	603 (19.3)	600 (19.3)	628 (20.7)	3,377 (18.8)
W	182 (6.3)	165 (5.8)	177 (6.0)	173 (5.6)	186 (6.0)	201 (6.6)	1,084 (6.0)
M n	1,998	2,080	2,137	2,157	2,173	2,168	12,713
A	250 (12.5)	268 (12.9)	306 (14.3)	282 (13.1)	335 (15.4)	331 (15.3)	1,772 (13.9)
R	1,248 (62.5)	1,297 (62.4)	1,336 (62.5)	1,339 (62.1)	1,264 (58.2)	1,207 (55.7)	7,691 (60.5)
S	349 (17.5)	380 (18.3)	362 (16.9)	393 (18.2)	418 (19.2)	460 (21.2)	2,362 (18.6)
W	151 (7.6)	135 (6.5)	133 (6.2)	143 (6.6)	156 (7.2)	170 (7.8)	888 (7.0)
Distinct Children/Youth							
F n	2,260	2,220	2,370	2,413	2,390	2,354	
A	263 (11.6)	281 (12.7)	325 (13.7)	358 (14.8)	339 (14.2)	340 (14.4)	
R	1,519 (67.2)	1,456 (65.6)	1,512 (63.8)	1,513 (62.7)	1,471 (61.5)	1,409 (59.9)	
S	345 (15.3)	363 (16.4)	395 (16.7)	418 (17.3)	448 (18.7)	455 (19.3)	
W	133 (5.9)	120 (5.4)	138 (5.8)	124 (5.1)	132 (5.5)	150 (6.4)	
M n	1,605	1,682	1,756	1,744	1,786	1,763	
A	199 (12.4)	220 (13.1)	232 (13.2)	233 (13.4)	264 (14.8)	261 (14.8)	
R	1,025 (63.9)	1,073 (63.8)	1,121 (63.8)	1,094 (62.7)	1,059 (59.3)	1,017 (57.7)	
S	268 (16.7)	278 (16.5)	292 (16.6)	306 (17.5)	338 (18.9)	349 (19.8)	
W	113 (7.0)	111 (6.6)	111 (6.3)	111 (6.4)	125 (7.0)	136 (7.7)	

A=Aboriginal, R=Registrant without Subsidy, S=Government Sponsored Programs, W=Welfare

Figure E.2: ED mental health visits by gender and pSES, 2007/08.



A=Aboriginal, R=Registrant without Subsidy, S=Government Sponsored Programs, W=Welfare

Table E.10: Gender and age group directly standardized visit rates per 100,000 population by pSES for each fiscal year. Standard errors and 95% confidence intervals are provided in () and [], respectively.

	02/03	03/04	04/05	05/06	06/07	07/08
A	1368.0 (72.3) [1226.2, 1509.7]	1447.9 (74.2) [1302.4, 1593.4]	1619.2 (78.4) [1465.4, 1772.9]	1627.3 (74.7) [1480.9, 1773.6]	1714.9 (92.3) [1534.1, 1895.7]	1664 (74.9) [1517.2, 1810.9]
R	497.6 (11.0) [476.1, 519.1]	497.2 (11.0) [475.7, 518.8]	513.7 (11.3) [491.5, 535.9]	516.6 (11.3) [494.4, 538.8]	510.9 (11.7) [487.9, 533.9]	481.4 (11.2) [459.6, 503.3]
S	978.1 (48.7) [882.7, 1073.5]	991.5 (67.8) [858.6, 1124.5]	927.4 (41.3) [846.5, 1008.2]	1010.5 (47.3) [917.7, 1103.2]	868.6 (35.4) [799.2, 938.0]	992.9 (41.6) [911.5, 1074.4]
W	1684.7 (132.4) [1425.1, 1944.2]	1443.5 (106.4) [1235, 1651.9]	1478.1 (103.6) [1275.0, 1681.1]	1606.3 (133.0) [1345.6, 1867]	1716.6 (121.9) [1477.8, 1955.5]	1755.2 (117.2) [1525.5, 1985.0]

A=Aboriginal, R=Registrant without Subsidy, S=Government Sponsored Programs, W=Welfare

F Triage Level Variation

Table F.1: Triage level codes and definitions.

Code	Definition
1	Resuscitation
2	Emergency
3	Urgent
4	Semi-Urgent
5	Non-Urgent
9	Unavailable

Table F.2: ED mental health visits and children/youth by triage level for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
n	4,865	4,917	5,105	5,274	5,287	5,208	30,656
Resuscitation	19 (0.4)	27 (0.5)	21 (0.4)	34 (0.6)	25 (0.5)	40 (0.8)	166 (0.5)
Emergency	241 (5.0)	500 (10.2)	622 (12.2)	640 (12.1)	684 (12.9)	893 (17.2)	3,580 (11.7)
Urgent	1,075 (22.1)	1,605 (32.6)	2,115 (41.4)	2,066 (39.2)	2,240 (42.4)	2,217 (42.6)	11,318 (36.9)
Semi-Urgent	1,057 (21.7)	1,154 (23.5)	1,241 (24.3)	1,320 (25.0)	1,296 (24.5)	1,242 (23.8)	7,310 (23.8)
Non-Urgent	205 (4.2)	213 (4.3)	248 (4.9)	285 (5.4)	326 (6.2)	344 (6.6)	1,621 (5.3)
Unavailable	2,268 (46.6)	1,418 (28.8)	858 (16.8)	929 (17.6)	716 (13.5)	472 (9.1)	6,661 (21.7)
Children/Youth							
Resuscitation	19	26	21	34	25	40	
Emergency	235	477	591	602	654	803	
Urgent	957	1,403	1,855	1,826	1,941	1,935	
Semi-Urgent	939	1,051	1,126	1,195	1,188	1,136	
Non-Urgent	202	208	232	269	308	326	
Unavailable	1,876	1,227	756	780	595	420	

Figure F.1: ED mental health visits by triage level.

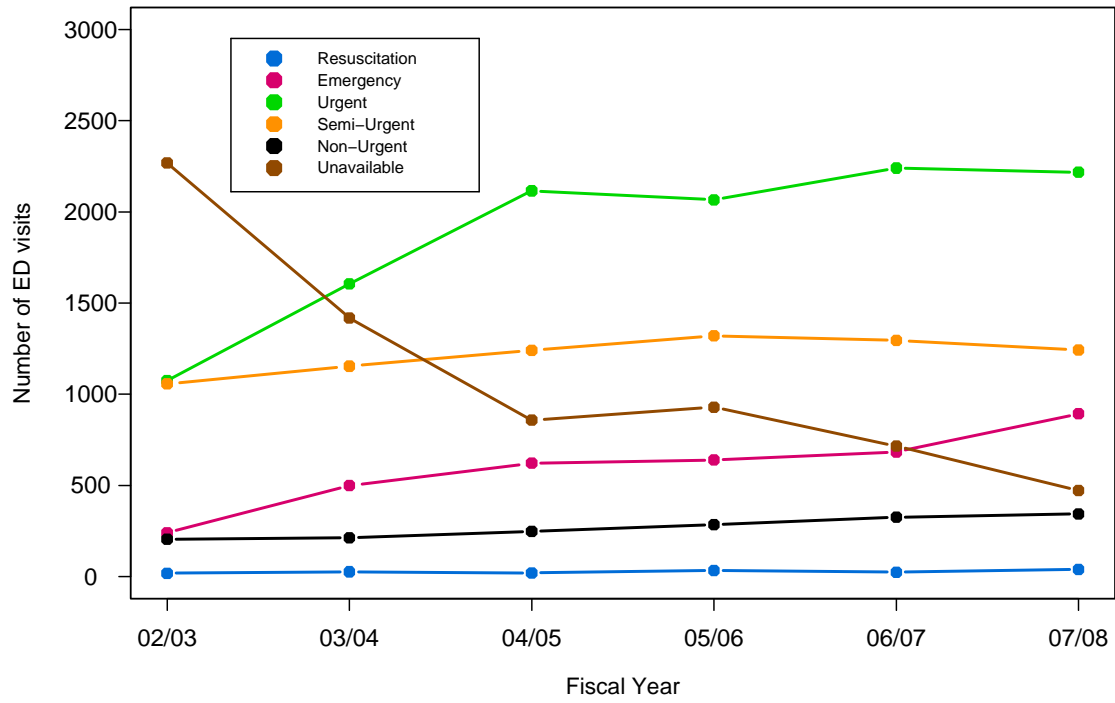


Table F.3: ED mental health visits and children/youth by gender and triage level for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
F n	2,867	2,837	2,968	3,117	3,114	3,040	17,943
Resuscitation	7 (0.2)	14 (0.5)	9 (0.3)	21 (0.7)	7 (0.2)	17 (0.6)	75 (0.4)
Emergency	155 (5.4)	294 (10.4)	372 (12.5)	370 (11.9)	414 (13.3)	526 (17.3)	2,131 (11.9)
Urgent	637 (22.2)	943 (33.2)	1,197 (40.3)	1,183 (38.0)	1,257 (40.4)	1,270 (41.8)	6,487 (36.2)
Semi-Urgent	604 (21.1)	677 (23.9)	734 (24.7)	814 (26.1)	783 (25.1)	745 (24.5)	4,357 (24.3)
Non-Urgent	130 (4.5)	120 (4.2)	147 (5.0)	186 (6.0)	209 (6.7)	198 (6.5)	990 (5.5)
Unavailable	1,334 (46.5)	789 (27.8)	509 (17.1)	543 (17.4)	444 (14.3)	284 (9.3)	3,903 (21.8)
M n	1,998	2,080	2,137	2,157	2,173	2,168	12,713
Resuscitation	12 (0.6)	13 (0.6)	12 (0.6)	13 (0.6)	18 (0.8)	23 (1.1)	91 (0.7)
Emergency	86 (4.3)	206 (9.9)	250 (11.7)	270 (12.5)	270 (12.4)	367 (16.9)	1,449 (11.4)
Urgent	438 (21.9)	662 (31.8)	918 (43.0)	883 (40.9)	983 (45.2)	947 (43.7)	4,831 (38.0)
Semi-Urgent	453 (22.7)	477 (22.9)	507 (23.7)	506 (23.5)	513 (23.6)	497 (22.9)	2,953 (23.2)
Non-Urgent	75 (3.8)	93 (4.5)	101 (4.7)	99 (4.6)	117 (5.4)	146 (6.7)	631 (5.0)
Unavailable	934 (46.7)	629 (30.2)	349 (16.3)	386 (17.9)	272 (12.5)	188 (8.7)	2,758 (21.7)
Children/Youth							
F							
Resuscitation	7	14	9	21	7	17	
Emergency	150	279	345	349	396	469	
Urgent	562	813	1,055	1,055	1,072	1,100	
Semi-Urgent	534	604	662	720	714	676	
Non-Urgent	128	117	142	171	195	187	
Unavailable	1,093	704	449	458	360	245	
M							
Resuscitation	12	12	12	13	18	23	
Emergency	85	198	246	253	258	334	
Urgent	395	590	800	771	869	835	
Semi-Urgent	405	447	464	475	474	460	
Non-Urgent	74	91	90	98	113	139	
Unavailable	783	523	307	322	235	175	

Table F.4: ED mental health visits and children/youth by age group and triage level for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
00-04 n	58	63	52	46	49	69	337
Resuscitation	- (-)	- (-)	- (-)	- (-)	- (-)	0 (0.0)	} 15 (4.5)
Emergency	- (-)	- (-)	- (-)	- (-)	- (-)	5 (7.2)	
Urgent	- (-)	- (-)	15 (28.8)	8 (17.4)	9 (18.4)	22 (31.9)	70 (20.8)
Semi-Urgent	13 (22.4)	19 (30.2)	13 (25.0)	14 (30.4)	20 (40.8)	22 (31.9)	101 (30.0)
Non-Urgent	8 (13.8)	6 (9.5)	7 (13.5)	13 (28.3)	11 (22.4)	13 (18.8)	58 (17.2)
Unavailable	31 (53.4)	23 (36.5)	16 (30.8)	9 (19.6)	7 (14.3)	7 (10.1)	93 (27.6)
05-09 n	229	200	228	260	231	227	1,375
Resuscitation	- (-)	- (-)	0 (0.0)	0 (0.0)	0 (0.0)	} 15 (6.6)	} 48 (3.5)
Emergency	- (-)	- (-)	6 (2.6)	9 (3.5)	13 (5.6)		
Urgent	29 (12.7)	52 (26.0)	108 (47.4)	100 (38.5)	94 (40.7)	110 (48.5)	493 (35.9)
Semi-Urgent	53 (23.1)	53 (26.5)	74 (32.5)	74 (28.5)	70 (30.3)	58 (25.6)	382 (27.8)
Non-Urgent	13 (5.7)	13 (6.5)	18 (7.9)	18 (6.9)	21 (9.1)	22 (9.7)	105 (7.6)
Unavailable	132 (57.6)	79 (39.5)	22 (9.6)	59 (22.7)	33 (14.3)	22 (9.7)	347 (25.2)
10-14 n	1,560	1,572	1,648	1,740	1,720	1,595	9,835
Resuscitation	} 89 (5.7)	7 (0.4)	8 (0.5)	13 (0.7)	7 (0.4)	12 (0.8)	50 (0.5)
Emergency		152 (9.7)	174 (10.6)	176 (10.1)	193 (11.2)	240 (15.0)	1,021 (10.4)
Urgent	349 (22.4)	531 (33.8)	718 (43.6)	734 (42.2)	751 (43.7)	774 (48.5)	3,857 (39.2)
Semi-Urgent	342 (21.9)	364 (23.2)	416 (25.2)	424 (24.4)	427 (24.8)	346 (21.7)	2,319 (23.6)
Non-Urgent	51 (3.3)	57 (3.6)	67 (4.1)	80 (4.6)	99 (5.8)	77 (4.8)	431 (4.4)
Unavailable	729 (46.7)	461 (29.3)	265 (16.1)	313 (18.0)	243 (14.1)	146 (9.2)	2,157 (21.9)
15-17 n	3,018	3,082	3,177	3,228	3,287	3,317	19,109
Resuscitation	16 (0.5)	19 (0.6)	13 (0.4)	21 (0.7)	18 (0.5)	27 (0.8)	114 (0.6)
Emergency	151 (5.0)	343 (11.1)	441 (13.9)	453 (14.0)	476 (14.5)	634 (19.1)	2,498 (13.1)
Urgent	693 (23.0)	1,010 (32.8)	1,274 (40.1)	1,224 (37.9)	1,386 (42.2)	1,311 (39.5)	6,898 (36.1)
Semi-Urgent	649 (21.5)	718 (23.3)	738 (23.2)	808 (25.0)	779 (23.7)	816 (24.6)	4,508 (23.6)
Non-Urgent	133 (4.4)	137 (4.4)	156 (4.9)	174 (5.4)	195 (5.9)	232 (7.0)	1,027 (5.4)
Unavailable	1,376 (45.6)	855 (27.7)	555 (17.5)	548 (17.0)	433 (13.2)	297 (9.0)	4,064 (21.3)

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	02/03	03/04	04/05	05/06	06/07	07/08	All
Children/Youth							
00-04 Resuscitation	0	-	0	0	0	0	
Emergency	-	-	-	-	-	5	
Urgent	-	9	14	8	9	22	
Semi-Urgent	13	18	13	14	20	22	
Non-Urgent	8	6	7	13	11	13	
Unavailable	31	23	15	9	7	7	
05-09 Resuscitation	0	0	0	0	0	-	
Emergency	-	-	6	9	13	13	
Urgent	27	49	99	87	83	98	
Semi-Urgent	49	50	72	68	65	57	
Non-Urgent	13	13	18	18	21	21	
Unavailable	117	70	21	48	28	22	
10-14 Resuscitation	-	6	8	13	7	12	
Emergency	86	147	164	169	184	224	
Urgent	314	485	630	643	659	678	
Semi-Urgent	304	338	378	391	397	328	
Non-Urgent	50	57	64	77	88	77	
Unavailable	611	384	250	268	190	133	
15-17 Resuscitation	16	19	13	21	18	27	
Emergency	146	327	421	423	456	564	
Urgent	616	867	1,117	1,098	1,199	1,146	
Semi-Urgent	578	646	663	726	711	733	
Non-Urgent	131	132	143	161	188	217	
Unavailable	1,123	755	472	459	372	259	

Table F.5: ED mental health visits and distinct children/youth by pSES and triage level for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
A n	581	627	725	740	791	766	4,230
Resuscitation	} 47 (8.1)	} 43 (6.8)	} 70 (9.7)	12 (1.6)	6 (0.8)	12 (1.6)	40 (0.9)
Emergency				68 (9.2)	89 (11.3)	124 (16.2)	431 (10.2)
Urgent	127 (21.9)	173 (27.6)	197 (27.2)	251 (33.9)	273 (34.5)	265 (34.6)	1,286 (30.4)
Semi-Urgent	147 (25.3)	148 (23.6)	170 (23.4)	187 (25.3)	236 (29.8)	223 (29.1)	1,111 (26.3)
Non-Urgent	25 (4.3)	23 (3.7)	39 (5.4)	34 (4.6)	64 (8.1)	63 (8.2)	248 (5.9)
Unavailable	235 (40.4)	240 (38.3)	249 (34.3)	188 (25.4)	123 (15.5)	79 (10.3)	1,114 (26.3)
R n	3,121	3,079	3,174	3,222	3,136	2,983	18,715
Resuscitation	13 (0.4)	20 (0.6)	12 (0.4)	15 (0.5)	17 (0.5)	21 (0.7)	98 (0.5)
Emergency	166 (5.3)	361 (11.7)	409 (12.9)	432 (13.4)	409 (13.0)	518 (17.4)	2,295 (12.3)
Urgent	687 (22.0)	995 (32.3)	1,388 (43.7)	1,289 (40.0)	1,347 (43.0)	1,291 (43.3)	6,997 (37.4)
Semi-Urgent	632 (20.2)	731 (23.7)	763 (24.0)	783 (24.3)	736 (23.5)	691 (23.2)	4,336 (23.2)
Non-Urgent	145 (4.6)	151 (4.9)	153 (4.8)	177 (5.5)	193 (6.2)	184 (6.2)	1,003 (5.4)
Unavailable	1,478 (47.4)	821 (26.7)	449 (14.1)	526 (16.3)	434 (13.8)	278 (9.3)	3,986 (21.3)
S n	830	911	896	996	1,018	1,088	5,739
Resuscitation	} 25 (3.0)	} 80 (8.8)	} 119 (13.2)	} 111 (11.1)	} 146 (14.3)	7 (0.6)	19 (0.3)
Emergency						191 (17.6)	660 (11.5)
Urgent	188 (22.7)	315 (34.6)	390 (43.5)	400 (40.2)	451 (44.3)	498 (45.8)	2,242 (39.1)
Semi-Urgent	197 (23.7)	213 (23.4)	229 (25.6)	252 (25.3)	241 (23.7)	239 (22.0)	1,371 (23.9)
Non-Urgent	25 (3.0)	30 (3.3)	45 (5.0)	60 (6.0)	55 (5.4)	66 (6.1)	281 (4.9)
Unavailable	395 (47.6)	273 (30.0)	113 (12.6)	173 (17.4)	125 (12.3)	87 (8.0)	1,166 (20.3)
W n	333	300	310	316	342	371	1,972
Resuscitation	0 (0.0)	} 23 (7.7)	} 33 (10.6)	} 36 (11.3)	} 42 (12.3)	0 (0.0)	9 (0.5)
Emergency	9 (2.7)					60 (16.2)	194 (9.8)
Urgent	73 (21.9)	122 (40.7)	140 (45.2)	126 (39.9)	169 (49.4)	163 (43.9)	793 (40.2)
Semi-Urgent	81 (24.3)	62 (20.7)	79 (25.5)	98 (31.0)	83 (24.3)	89 (24.0)	492 (24.9)
Non-Urgent	10 (3.0)	9 (3.0)	11 (3.5)	14 (4.4)	14 (4.1)	31 (8.4)	89 (4.5)
Unavailable	160 (48.0)	84 (28.0)	47 (15.2)	42 (13.3)	34 (9.9)	28 (7.5)	395 (20.0)

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	02/03	03/04	04/05	05/06	06/07	07/08	All
Children/Youth							
A Resuscitation	-	-	-	12	6	12	
Emergency	41	38	65	63	85	116	
Urgent	111	156	174	226	228	238	
Semi-Urgent	132	139	144	167	210	193	
Non-Urgent	25	21	33	30	62	60	
Unavailable	202	205	207	166	110	67	
R Resuscitation	13	19	12	15	17	21	
Emergency	162	349	394	412	394	470	
Urgent	628	889	1,228	1,162	1,196	1,141	
Semi-Urgent	570	678	701	721	684	641	
Non-Urgent	142	148	146	174	180	175	
Unavailable	1,242	743	408	431	346	252	
S Resuscitation	-	-	-	-	-	7	
Emergency	23	70	102	96	136	164	
Urgent	155	252	331	328	380	417	
Semi-Urgent	167	177	206	226	218	220	
Non-Urgent	25	30	42	52	52	62	
Unavailable	311	209	105	146	105	74	
W Resuscitation	0	-	-	-	-	0	
Emergency	9	20	30	31	39	53	
Urgent	63	106	122	110	137	139	
Semi-Urgent	70	57	75	81	76	82	
Non-Urgent	10	9	11	13	14	29	
Unavailable	121	70	36	37	34	27	

A=Aboriginal, R=Registrant without Subsidy, S=Government Sponsored Programs, W=Welfare

Table F.6: Regional Health Authority of Residence codes and definitions.

Code	Definition
R1	Chinook Regional Health Authority
R2	Palliser Health Region
R3	Calgary Health Region
R4	David Thompson Regional Health Authority
R5	East Central Health
R6	Capital Health
R7	Aspen Regional Health
R8	Peace Country Health
R9	Northern Lights Health Region

Table F.7: ED mental health visits and children/youth by RHA and triage level for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
R1 n	217	228	265	221	279	293	1,503
Resuscitation	0 (0.0)	0 (0.0)	} 8 (3.0)	5 (2.3)	} 8 (2.9)	} 20 (6.8)	13 (0.9)
Emergency	- (-)	- (-)		7 (3.2)			37 (2.5)
Urgent	- (-)	- (-)	35 (13.2)	34 (15.4)	55 (19.7)	97 (33.1)	229 (15.2)
Semi-Urgent	- (-)	- (-)	57 (21.5)	49 (22.2)	88 (31.5)	103 (35.2)	306 (20.4)
Non-Urgent	0 (0.0)	0 (0.0)	13 (4.9)	5 (2.3)	13 (4.7)	47 (16.0)	78 (5.2)
Unavailable	210 (96.8)	216 (94.7)	152 (57.4)	121 (54.8)	115 (41.2)	26 (8.9)	840 (55.9)
R2 n	139	149	169	180	161	189	987
Resuscitation	} 8 (5.7)	} 15 (10.0)	0 (0.0)	0 (0.0)	- (-)	} 15 (7.9)	5 (0.5)
Emergency			16 (9.5)	14 (7.8)	15 (9.3)		79 (8.0)
Urgent	40 (28.8)	44 (29.5)	59 (34.9)	61 (33.9)	67 (41.6)	58 (30.7)	329 (33.3)
Semi-Urgent	47 (33.8)	51 (34.2)	67 (39.6)	81 (45.0)	61 (37.9)	84 (44.4)	391 (39.6)
Non-Urgent	24 (17.3)	17 (11.4)	20 (11.8)	14 (7.8)	13 (8.1)	19 (10.1)	107 (10.8)
Unavailable	20 (14.4)	22 (14.8)	7 (4.1)	10 (5.6)	- (-)	13 (6.9)	76 (7.7)
R3 n	1,328	1,313	1,426	1,481	1,548	1,476	8,572
Resuscitation	} 6 (0.5)	6 (0.5)	8 (0.6)	9 (0.6)	10 (0.6)	11 (0.7)	46 (0.5)
Emergency		128 (9.7)	231 (16.2)	227 (15.3)	244 (15.8)	303 (20.5)	1,137 (13.3)
Urgent	46 (3.5)	403 (30.7)	822 (57.6)	705 (47.6)	754 (48.7)	801 (54.3)	3,531 (41.2)
Semi-Urgent	37 (2.8)	184 (14.0)	249 (17.5)	273 (18.4)	272 (17.6)	239 (16.2)	1,254 (14.6)
Non-Urgent	25 (1.9)	33 (2.5)	36 (2.5)	48 (3.2)	33 (2.1)	26 (1.8)	201 (2.3)
Unavailable	1,214 (91.4)	559 (42.6)	80 (5.6)	219 (14.8)	235 (15.2)	96 (6.5)	2,403 (28.0)
R4 n	589	590	597	706	622	622	3,726
Resuscitation	5 (0.8)	} 51 (8.6)	} 62 (10.4)	} 48 (6.6)	} 50 (8.1)	} 43 (7.1)	20 (0.5)
Emergency	48 (8.1)						287 (7.7)
Urgent	197 (33.4)	258 (43.7)	261 (43.7)	316 (44.8)	286 (46.0)	241 (38.7)	1,559 (41.8)
Semi-Urgent	131 (22.2)	136 (23.1)	161 (27.0)	172 (24.4)	166 (26.7)	221 (35.5)	987 (26.5)
Non-Urgent	47 (8.0)	43 (7.3)	42 (7.0)	63 (8.9)	65 (10.5)	69 (11.1)	329 (8.8)
Unavailable	161 (27.3)	102 (17.3)	71 (11.9)	107 (15.2)	55 (8.8)	48 (7.7)	544 (14.6)
R5 n	153	219	154	162	173	164	1,025
Resuscitation	- (-)	5 (2.3)	0 (0.0)	0 (0.0)	} 8 (4.7)	} 11 (6.7)	8 (0.8)
Emergency	- (-)	19 (8.7)	8 (5.2)	8 (4.9)			55 (5.4)
Urgent	38 (24.8)	70 (32.0)	54 (35.1)	52 (32.1)	62 (35.8)	56 (34.1)	332 (32.4)
Semi-Urgent	50 (32.7)	67 (30.6)	47 (30.5)	60 (37.0)	58 (33.5)	54 (32.9)	336 (32.8)
Non-Urgent	15 (9.8)	38 (17.4)	30 (19.5)	34 (21.0)	36 (20.8)	33 (20.1)	186 (18.1)
Unavailable	46 (30.1)	20 (9.1)	15 (9.7)	8 (4.9)	9 (5.2)	10 (6.1)	108 (10.5)

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	02/03	03/04	04/05	05/06	06/07	07/08	All
R6 n	1,582	1,642	1,545	1,551	1,455	1,437	9,212
Resuscitation	9 (0.6)	7 (0.4)	} 277 (18.0)	13 (0.8)	6 (0.4)	16 (1.1)	52 (0.6)
Emergency	157 (9.9)	267 (16.3)		284 (18.3)	281 (19.3)	412 (28.7)	1,677 (18.2)
Urgent	648 (41.0)	659 (40.1)	702 (45.4)	673 (43.4)	752 (51.7)	679 (47.3)	4,113 (44.6)
Semi-Urgent	589 (37.2)	527 (32.1)	456 (29.5)	445 (28.7)	349 (24.0)	271 (18.9)	2,637 (28.6)
Non-Urgent	61 (3.9)	42 (2.6)	46 (3.0)	39 (2.5)	29 (2.0)	32 (2.2)	249 (2.7)
Unavailable	118 (7.5)	140 (8.5)	64 (4.1)	97 (6.3)	38 (2.6)	27 (1.9)	484 (5.3)
R7 n	420	377	473	487	541	524	2,822
Resuscitation	} 16 (3.8)	} 19 (5.0)	} 15 (3.2)	} 27 (5.5)	} 35 (6.5)	} 43 (8.2)	9 (0.3)
Emergency							146 (5.2)
Urgent	78 (18.6)	77 (20.4)	93 (19.7)	105 (21.6)	150 (27.7)	153 (29.2)	656 (23.2)
Semi-Urgent	121 (28.8)	98 (26.0)	135 (28.5)	151 (31.0)	195 (36.0)	178 (34.0)	878 (31.1)
Non-Urgent	21 (5.0)	17 (4.5)	36 (7.6)	50 (10.3)	87 (16.1)	73 (13.9)	284 (10.1)
Unavailable	184 (43.8)	166 (44.0)	194 (41.0)	154 (31.6)	74 (13.7)	77 (14.7)	849 (30.1)
R8 n	310	258	299	334	295	323	1,819
Resuscitation	- (-)	- (-)	- (-)	} 27 (8.1)	} 42 (14.2)	} 38 (11.7)	9 (0.5)
Emergency	- (-)	- (-)	9 (3.0)				117 (6.4)
Urgent	13 (4.2)	64 (24.8)	55 (18.4)	80 (24.0)	66 (22.4)	83 (25.7)	361 (19.8)
Semi-Urgent	7 (2.3)	35 (13.6)	27 (9.0)	39 (11.7)	27 (9.2)	35 (10.8)	170 (9.3)
Non-Urgent	- (-)	10 (3.9)	- (-)	7 (2.1)	5 (1.7)	6 (1.9)	32 (1.8)
Unavailable	284 (91.6)	146 (56.6)	203 (67.9)	181 (54.2)	155 (52.5)	161 (49.8)	1,130 (62.1)
R9 n	127	141	177	152	213	178	988
Resuscitation	- (-)	} 6 (4.2)	} 7 (4.0)	0 (0.0)	0 (0.0)	} 21 (11.8)	} 49 (5.0)
Emergency	- (-)			5 (3.3)	9 (4.2)		
Urgent	14 (11.0)	23 (16.3)	34 (19.2)	40 (26.3)	48 (22.5)	47 (26.4)	206 (20.9)
Semi-Urgent	70 (55.1)	52 (36.9)	42 (23.7)	50 (32.9)	80 (37.6)	57 (32.0)	351 (35.5)
Non-Urgent	11 (8.7)	13 (9.2)	22 (12.4)	25 (16.4)	45 (21.1)	39 (21.9)	155 (15.7)
Unavailable	31 (24.4)	47 (33.3)	72 (40.7)	32 (21.1)	31 (14.6)	14 (7.9)	227 (23.0)
Children/Youth							
R1							
Resuscitation	0	0	-	5	-	-	
Emergency	-	-	-	7	7	17	
Urgent	-	6	31	32	50	83	
Semi-Urgent	5	-	47	49	82	88	
Non-Urgent	0	0	13	5	13	46	
Unavailable	170	190	134	110	104	24	
R2							
Resuscitation	-	-	0	0	-	-	
Emergency	6	13	16	13	15	13	
Urgent	37	41	53	59	63	57	
Semi-Urgent	43	43	62	77	58	77	
Non-Urgent	24	17	19	14	13	19	
Unavailable	18	19	7	10	-	11	

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	02/03	03/04	04/05	05/06	06/07	07/08	All
R3 Resuscitation	-	6	8	9	10	11	
Emergency	-	126	221	215	232	272	
Urgent	42	361	706	622	656	706	
Semi-Urgent	33	178	239	245	259	233	
Non-Urgent	25	31	35	47	32	26	
Unavailable	983	494	75	156	165	85	
R4 Resuscitation	5	-	-	-	-	-	
Emergency	45	45	55	41	47	38	
Urgent	177	223	233	284	244	222	
Semi-Urgent	121	128	153	158	141	200	
Non-Urgent	46	42	39	58	61	61	
Unavailable	139	94	67	96	51	40	
R5 Resuscitation	0	0	-	5	-	-	
Emergency	-	-	-	7	7	17	
Urgent	-	6	31	32	50	83	
Semi-Urgent	5	-	47	49	82	88	
Non-Urgent	0	0	13	5	13	46	
Unavailable	170	190	134	110	104	24	
R6 Resuscitation	-	-	0	0	-	-	
Emergency	6	13	16	13	15	13	
Urgent	37	41	53	59	63	57	
Semi-Urgent	43	43	62	77	58	77	
Non-Urgent	24	17	19	14	13	19	
Unavailable	18	19	7	10	-	11	
R7 Resuscitation	-	6	8	9	10	11	
Emergency	-	126	221	215	232	272	
Urgent	42	361	706	622	656	706	
Semi-Urgent	33	178	239	245	259	233	
Non-Urgent	25	31	35	47	32	26	
Unavailable	983	494	75	156	165	85	
R8 Resuscitation	5	-	-	-	-	-	
Emergency	45	45	55	41	47	38	
Urgent	177	223	233	284	244	222	
Semi-Urgent	121	128	153	158	141	200	
Non-Urgent	46	42	39	58	61	61	
Unavailable	139	94	67	96	51	40	
R9 Resuscitation	5	-	-	-	-	-	
Emergency	45	45	55	41	47	38	
Urgent	177	223	233	284	244	222	
Semi-Urgent	121	128	153	158	141	200	
Non-Urgent	46	42	39	58	61	61	
Unavailable	139	94	67	96	51	40	

G Timing of ED Visits

Table G.1: ED mental health visits by month of year for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
n	4,865	4,917	5,105	5,274	5,287	5,208	30,656
Apr	458 (9.4)	420 (8.5)	432 (8.5)	454 (8.6)	474 (9.0)	477 (9.2)	2,715 (8.9)
May	445 (9.1)	413 (8.4)	483 (9.5)	507 (9.6)	539 (10.2)	534 (10.3)	2,921 (9.5)
Jun	417 (8.6)	450 (9.2)	428 (8.4)	433 (8.2)	476 (9.0)	455 (8.7)	2,659 (8.7)
Jul	335 (6.9)	298 (6.1)	329 (6.4)	394 (7.5)	402 (7.6)	353 (6.8)	2,111 (6.9)
Aug	359 (7.4)	320 (6.5)	378 (7.4)	339 (6.4)	347 (6.6)	349 (6.7)	2,092 (6.8)
Sep	353 (7.3)	385 (7.8)	403 (7.9)	447 (8.5)	377 (7.1)	393 (7.5)	2,358 (7.7)
Oct	416 (8.6)	437 (8.9)	467 (9.1)	468 (8.9)	465 (8.8)	498 (9.6)	2,751 (9.0)
Nov	415 (8.5)	405 (8.2)	513 (10.0)	462 (8.8)	467 (8.8)	439 (8.4)	2,701 (8.8)
Dec	405 (8.3)	406 (8.3)	416 (8.1)	463 (8.8)	398 (7.5)	390 (7.5)	2,478 (8.1)
Jan	448 (9.2)	433 (8.8)	411 (8.1)	452 (8.6)	447 (8.5)	446 (8.6)	2,637 (8.6)
Feb	398 (8.2)	441 (9.0)	406 (8.0)	389 (7.4)	394 (7.5)	453 (8.7)	2,481 (8.1)
Mar	416 (8.6)	509 (10.4)	439 (8.6)	466 (8.8)	501 (9.5)	421 (8.1)	2,752 (9.0)
Children/Youth							
Apr	416	390	394	414	432	421	
May	413	377	455	462	497	473	
Jun	387	406	393	394	439	415	
Jul	308	280	304	349	369	330	
Aug	321	296	350	311	320	324	
Sep	322	353	372	408	350	371	
Oct	382	391	434	429	404	453	
Nov	375	365	477	403	414	401	
Dec	372	362	376	410	364	362	
Jan	400	374	388	419	401	406	
Feb	366	401	375	355	353	417	
Mar	387	465	415	430	447	377	

Figure G.1: ED mental health visits per month during the study period.

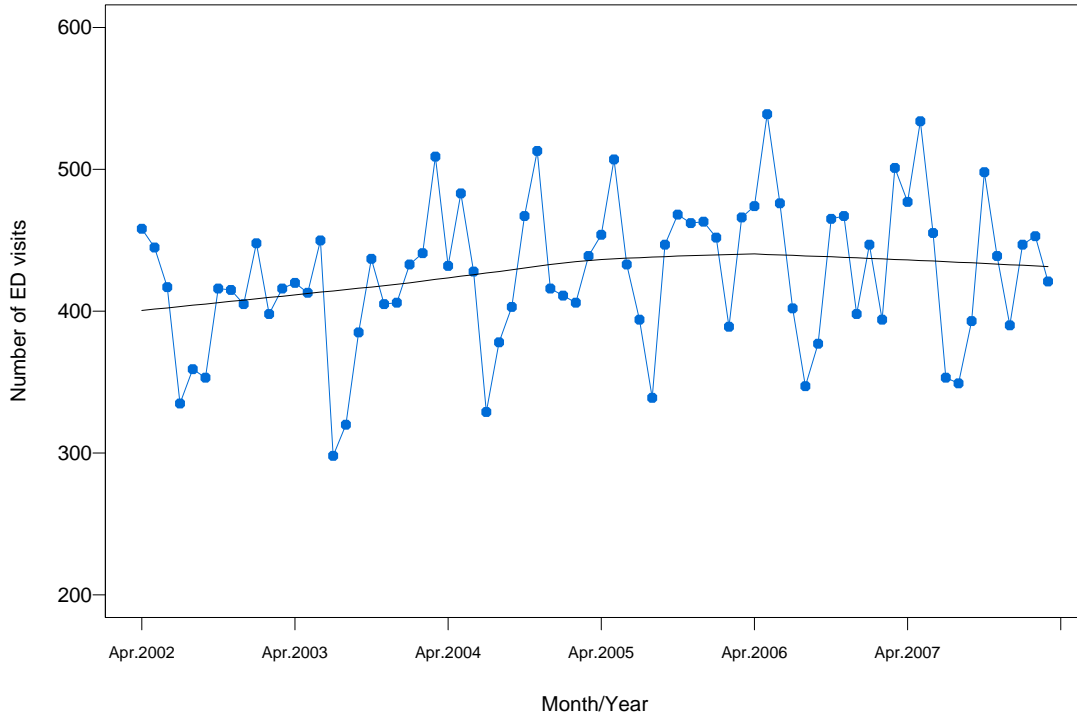


Figure G.2: ED mental health visits per month for each fiscal year.

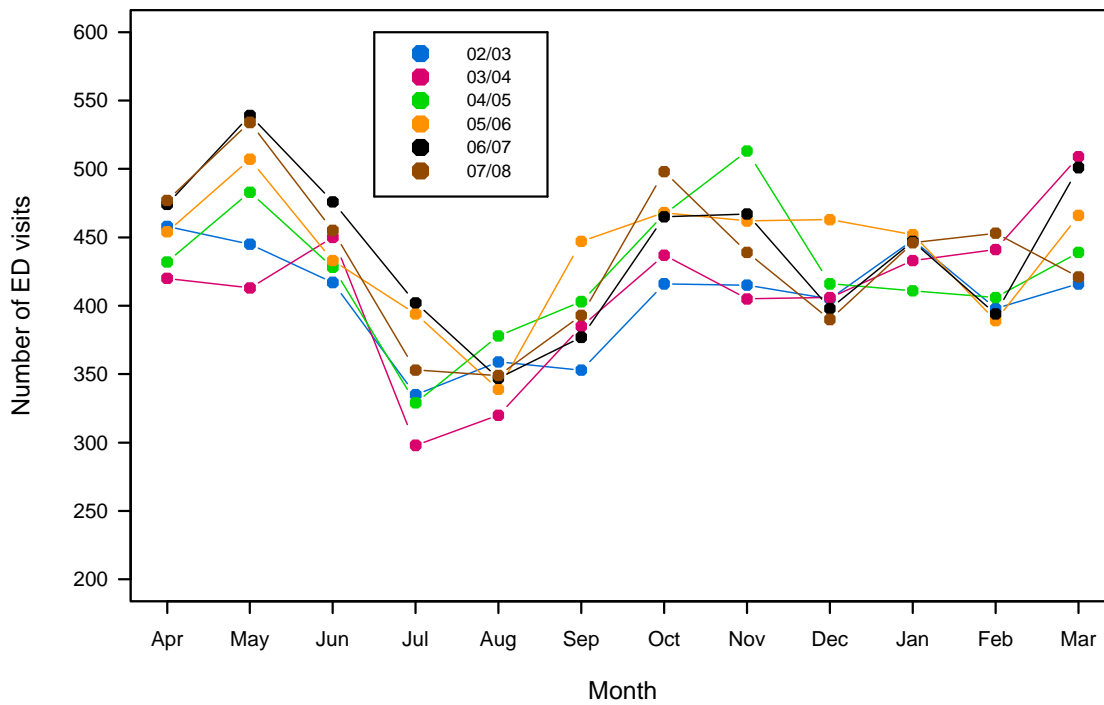


Table G.2: ED mental health visits by day of week for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
n	4,865	4,917	5,105	5,274	5,287	5,208	30,656
Sun	673 (13.8)	661 (13.4)	728 (14.3)	744 (14.1)	759 (14.4)	713 (13.7)	4,278 (14.0)
Mon	724 (14.9)	670 (13.6)	738 (14.5)	736 (14.0)	687 (13.0)	756 (14.5)	4,311 (14.1)
Tue	717 (14.7)	675 (13.7)	694 (13.6)	719 (13.6)	759 (14.4)	804 (15.4)	4,368 (14.2)
Wed	676 (13.9)	748 (15.2)	737 (14.4)	739 (14.0)	755 (14.3)	751 (14.4)	4,406 (14.4)
Thu	682 (14.0)	678 (13.8)	719 (14.1)	735 (13.9)	757 (14.3)	700 (13.4)	4,271 (13.9)
Fri	697 (14.3)	724 (14.7)	731 (14.3)	815 (15.5)	773 (14.6)	736 (14.1)	4,476 (14.6)
Sat	696 (14.3)	761 (15.5)	758 (14.8)	786 (14.9)	797 (15.1)	748 (14.4)	4,546 (14.8)
Children/Youth							
Sun	632	621	694	704	721	670	
Mon	682	625	687	672	643	696	
Tue	672	626	652	664	704	752	
Wed	641	706	690	683	705	710	
Thu	648	638	670	679	709	667	
Fri	661	670	694	764	736	702	
Sat	661	712	722	751	756	706	

Figure G.3: ED mental health visits by day of week for each fiscal year.

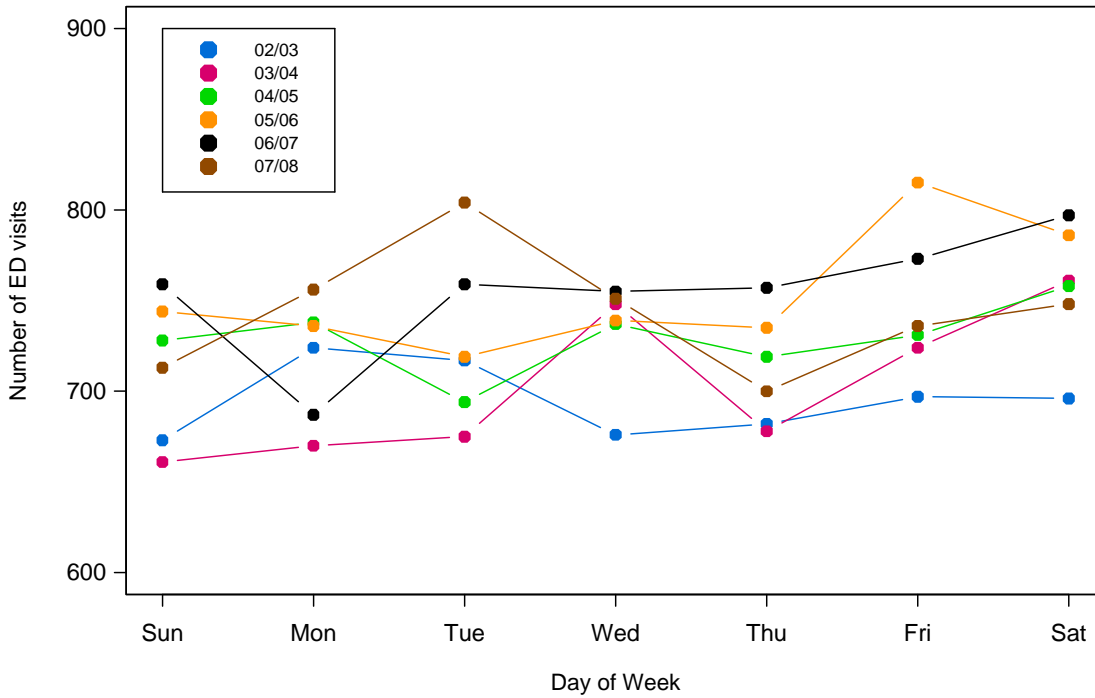


Figure G.4: ED mental health visits by hour of day for each fiscal year.

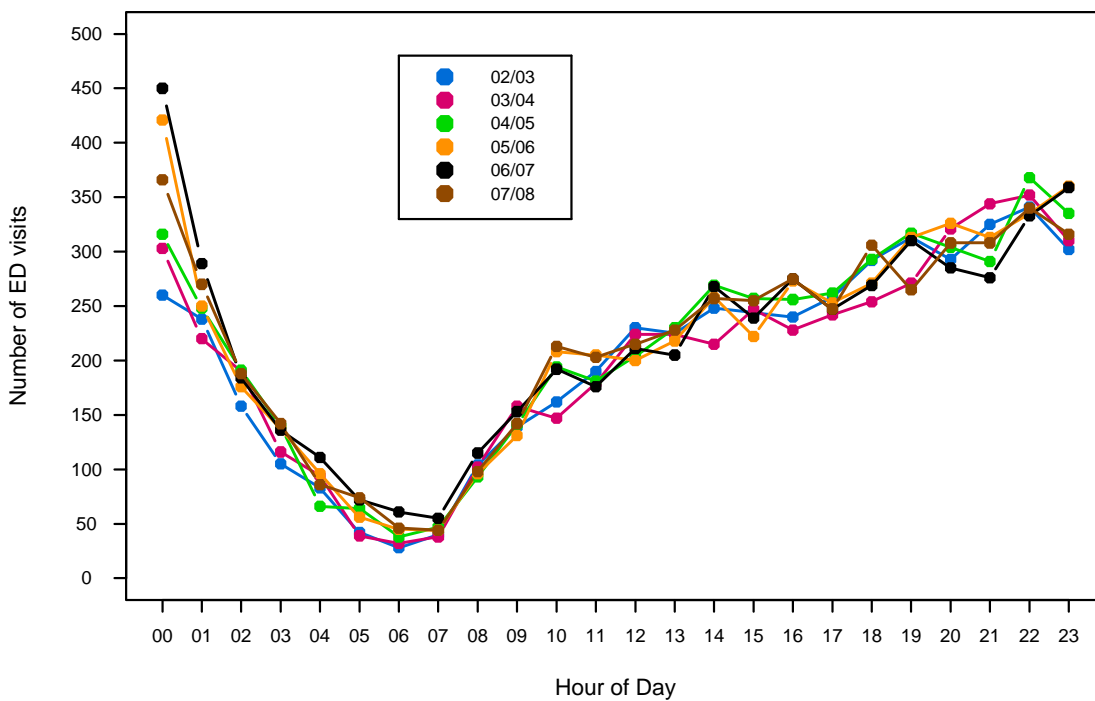


Table G.3: ED mental health visits by hour of day for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
n	4,865	4,917	5,105	5,274	5,287	5,208	30,656
00:00-00:59	260 (5.3)	303 (6.2)	316 (6.2)	421 (8.0)	450 (8.5)	366 (7.0)	2,116 (6.9)
01:00-01:59	238 (4.9)	220 (4.5)	248 (4.9)	250 (4.7)	289 (5.5)	270 (5.2)	1,515 (4.9)
02:00-02:59	158 (3.2)	190 (3.9)	191 (3.7)	176 (3.3)	184 (3.5)	188 (3.6)	1,087 (3.5)
03:00-03:59	105 (2.2)	116 (2.4)	140 (2.7)	137 (2.6)	136 (2.6)	142 (2.7)	776 (2.5)
04:00-04:59	83 (1.7)	94 (1.9)	66 (1.3)	96 (1.8)	111 (2.1)	86 (1.7)	536 (1.7)
05:00-05:59	42 (0.9)	39 (0.8)	64 (1.3)	56 (1.1)	72 (1.4)	74 (1.4)	347 (1.1)
06:00-06:59	28 (0.6)	32 (0.7)	38 (0.7)	45 (0.9)	61 (1.2)	46 (0.9)	250 (0.8)
07:00-07:59	40 (0.8)	38 (0.8)	47 (0.9)	44 (0.8)	55 (1.0)	44 (0.8)	268 (0.9)
08:00-08:59	104 (2.1)	102 (2.1)	93 (1.8)	96 (1.8)	115 (2.2)	98 (1.9)	608 (2.0)
09:00-09:59	139 (2.9)	158 (3.2)	141 (2.8)	131 (2.5)	153 (2.9)	142 (2.7)	864 (2.8)
10:00-10:59	162 (3.3)	147 (3.0)	194 (3.8)	208 (3.9)	192 (3.6)	213 (4.1)	1,116 (3.6)
11:00-11:59	190 (3.9)	179 (3.6)	181 (3.5)	205 (3.9)	176 (3.3)	203 (3.9)	1,134 (3.7)
12:00-12:59	230 (4.7)	224 (4.6)	204 (4.0)	200 (3.8)	211 (4.0)	215 (4.1)	1,284 (4.2)
13:00-13:59	225 (4.6)	224 (4.6)	230 (4.5)	218 (4.1)	205 (3.9)	228 (4.4)	1,330 (4.3)
14:00-14:59	248 (5.1)	215 (4.4)	269 (5.3)	258 (4.9)	268 (5.1)	257 (4.9)	1,515 (4.9)
15:00-15:59	244 (5.0)	247 (5.0)	257 (5.0)	222 (4.2)	239 (4.5)	255 (4.9)	1,464 (4.8)
16:00-16:59	240 (4.9)	228 (4.6)	256 (5.0)	273 (5.2)	275 (5.2)	275 (5.3)	1,547 (5.0)
17:00-17:59	258 (5.3)	242 (4.9)	262 (5.1)	253 (4.8)	247 (4.7)	247 (4.7)	1,509 (4.9)
18:00-18:59	292 (6.0)	254 (5.2)	293 (5.7)	271 (5.1)	269 (5.1)	306 (5.9)	1,685 (5.5)
19:00-19:59	313 (6.4)	271 (5.5)	317 (6.2)	313 (5.9)	310 (5.9)	265 (5.1)	1,789 (5.8)
20:00-20:59	293 (6.0)	321 (6.5)	304 (6.0)	326 (6.2)	285 (5.4)	308 (5.9)	1,837 (6.0)
21:00-21:59	325 (6.7)	344 (7.0)	291 (5.7)	313 (5.9)	276 (5.2)	308 (5.9)	1,857 (6.1)
22:00-22:59	341 (7.0)	352 (7.2)	368 (7.2)	335 (6.4)	333 (6.3)	340 (6.5)	2,069 (6.7)
23:00-23:59	302 (6.2)	310 (6.3)	335 (6.6)	360 (6.8)	359 (6.8)	316 (6.1)	1,982 (6.5)
Missing	5 (0.1)	67 (1.4)	0 (0.0)	67 (1.3)	16 (0.3)	16 (0.3)	171 (0.6)

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	02/03	03/04	04/05	05/06	06/07	07/08	All
Children/Youth							
00:00-00:59	257	296	311	363	375	349	
01:00-01:59	233	215	242	245	288	263	
02:00-02:59	157	188	189	175	182	186	
03:00-03:59	104	115	138	133	134	140	
04:00-04:59	83	94	66	95	111	84	
05:00-05:59	42	39	63	56	71	73	
06:00-06:59	28	32	37	45	61	45	
07:00-07:59	40	38	45	43	55	44	
08:00-08:59	100	101	86	91	114	97	
09:00-09:59	136	155	140	130	151	140	
10:00-10:59	159	147	191	208	186	212	
11:00-11:59	187	178	180	201	175	200	
12:00-12:59	229	220	202	199	208	212	
13:00-13:59	222	220	226	215	204	223	
14:00-14:59	244	210	262	251	263	253	
15:00-15:59	240	241	255	221	236	252	
16:00-16:59	236	226	251	271	273	272	
17:00-17:59	254	239	251	250	243	242	
18:00-18:59	287	250	287	266	266	295	
19:00-19:59	307	265	310	306	297	261	
20:00-20:59	286	312	297	315	276	295	
21:00-21:59	318	330	286	301	272	301	
22:00-22:59	329	335	362	326	324	331	
23:00-23:59	296	306	328	355	350	310	
Missing	5	30	0	62	16	16	

Table G.4: Durations for all years combined. Median (Med), 25th percentile (25th) and 75th percentile (75th) are provided.

n	Med	25th	75th
Duration from ED Start Time to ED End Time			
29,560	2h 58m	1h 27m	5h 25m
Duration from Triage Time to ED End Time			
6,991	3h 58m	2h 20m	6h 25m
Duration from Triage Time to Physician Assessment Time			
2,460	1h 34m	0h 49m	2h 42m

Table G.5: Duration from ED start time to ED end time by gender.

	n	Med	25th	75th
F	17,329	2h 55m	1h 26m	5h 26m
M	12,231	3h 1m	1h 29m	5h 24m

Table G.6: Duration from ED start time to ED end time by age group.

	n	Med	25th	75th
00-04	320	1h 19m	0h 41m	2h 44m
05-09	1,287	2h 24m	1h 15m	3h 55m
10-14	9,401	2h 54m	1h 33m	5h 1m
15-17	18,552	3h 5m	1h 27m	5h 52m

Table G.7: Duration from ED start time to ED end time by pSES.

	n	Med	25th	75th
Aboriginal	4,099	2h 27m	1h 5m	5h 40m
Registrant without Subsidy	18,030	3h 0m	1h 30m	5h 21m
Government Sponsored Programs	5,520	3h 7m	1h 34m	5h 32m
Welfare	1,911	2h 59m	1h 31m	5h 35m

Table G.8: Duration from ED start time to ED end time by disposition.

	n	Med	25th	75th
Discharged	23,904	2h 53m	1h 25m	5h 10m
Discharged from program or clinic	-	1h 10m	0h 56m	2h 55m
Left against medical advice	728	2h 9m	1h 2m	3h 55m
Admitted to CCU or OR	87	1h 44m	1h 7m	2h 32m
Admitted to other area	4,008	3h 36m	1h 39m	6h 39m
Transferred to another acute care facility	806	4h 8m	2h 0m	8h 33m
Expired in ambulatory care service	11	0h 56m	0h 24m	2h 28m
Dead on arrival to ambulatory care service	0			
Left without being seen	6	0h 42m	0h 29m	4h 30m
No doctor available	6	0h 44m	0h 19m	1h 6m

Table G.9: Duration from ED start time to ED end time by RHA.

	n	Med	25th	75th
R1 Chinook Regional Health Authority	1,464	1h 58m	1h 0m	3h 30m
R2 Palliser Health Region	983	1h 37m	0h 52m	2h 53m
R3 Calgary Health Region	8,207	4h 5m	2h 27m	6h 33m
R4 David Thompson Regional Health Authority	3,629	2h 19m	1h 5m	4h 50m
R5 East Central Health	983	1h 30m	0h 50m	3h 29m
R6 Capital Health	9,003	3h 25m	1h 57m	5h 50m
R7 Aspen Regional Health Authority	2,680	1h 26m	0h 49m	3h 20m
R8 Peace Country Health	1,691	2h 2m	1h 2m	4h 13m
R9 Northern Lights Health Region	918	2h 4m	1h 14m	3h 38m

Table G.10: Duration from ED start time to ED end time by triage level.

	n	Med	25th	75th
Resuscitation	162	3h 53m	1h 43m	7h 22m
Emergency	3,568	4h 49m	2h 50m	8h 4m
Urgent	11,232	3h 29m	2h 1m	5h 49m
Semi-Urgent	7,220	2h 18m	1h 10m	4h 11m
Non-Urgent	1,549	1h 6m	0h 40m	2h 0m
Unavailable	5,829	2h 20m	1h 2m	5h 3m

Table G.11: Duration from ED start time to ED end time by diagnosis group.

	n	Med	25th	75th
Substance use	7,325	3h 27m	1h 35m	6h 25m
Psychosis-related	737	3h 58m	2h 6m	7h 18m
Mood	4,824	2h 57m	1h 30m	5h 10m
Neurotic/stress-related	7,630	2h 3m	1h 1m	3h 44m
Behavioural syndrome	290	3h 20m	1h 51m	5h 3m
Personality-related	555	2h 58m	1h 44m	5h 14m
Behavioural/Emotional	3,532	3h 12m	1h 57m	5h 4m
Unspecified	61	2h 18m	1h 17m	3h 49m
Self-harm	4,606	3h 54m	1h 52m	7h 18m

Table G.12: Duration from triage time to ED end time by gender.

	n	Med	25th	75th
F	4,014	3h 58m	2h 19m	6h 37m
M	2,977	3h 57m	2h 22m	6h 17m

Table G.13: Duration from triage time to ED end time by age group.

	n	Med	25th	75th
00-04	63	2h 12m	1h 5m	3h 37m
05-09	332	3h 35m	2h 12m	4h 58m
10-14	2,217	3h 50m	2h 22m	6h 0m
15-17	4,379	4h 6m	2h 22m	6h 55m

Table G.14: Duration from triage time to ED end time by pSES.

	n	Med	25th	75th
Aboriginal	819	4h 2m	2h 4m	7h 7m
Registrant without Subsidy	4,128	3h 51m	2h 20m	6h 7m
Government Sponsored Programs	1,524	4h 6m	2h 30m	6h 41m
Welfare	520	4h 13m	2h 20m	7h 23m

Table G.15: Duration from triage time to ED end time by disposition.

	n	Med	25th	75th
Discharged	5,516	3h 51m	2h 19m	6h 11m
Discharged from program or clinic	0			
Left against medical advice	329	2h 11m	1h 5m	3h 57m
Admitted to CCU or OR	14	1h 29m	0h 56m	2h 2m
Admitted to other area	969	5h 16m	3h 11m	8h 25m
Transferred to another acute care facility	161	5h 40m	3h 13m	10h 23m
Expired in ambulatory care service	0			
Dead on arrival to ambulatory care service	0			
Left without being seen	-	0h 30m	0h 21m	0h 38m
No doctor available	0			

Table G.16: Duration from triage time to ED end time by RHA.

	n	Med	25th	75th
R1 Chinook Regional Health Authority	326	2h 33m	1h 41m	4h 3m
R2 Palliser Health Region	316	2h 6m	1h 0m	3h 18m
R3 Calgary Health Region	2,510	4h 26m	2h 52m	6h 42m
R4 David Thompson Regional Health Authority	727	3h 18m	1h 37m	6h 2m
R5 East Central Health	96	2h 55m	1h 9m	5h 18m
R6 Capital Health	2,710	4h 11m	2h 25m	6h 47m
R7 Aspen Regional Health Authority	192	3h 50m	2h 25m	7h 0m
R8 Peace Country Health	67	4h 24m	2h 29m	8h 21m
R9 Northern Lights Health Region	45	5h 18m	2h 36m	8h 39m

Table G.17: Duration from triage time to ED end time by triage level.

	n	Med	25th	75th
Resuscitation	50	5h 35m	3h 36m	8h 10m
Emergency	1,378	5h 20m	3h 24m	8h 51m
Urgent	3,722	4h 2m	2h 30m	6h 23m
Semi-Urgent	1,615	3h 6m	1h 41m	4h 50m
Non-Urgent	181	1h 32m	0h 50m	2h 55m
Unavailable	45	1h 47m	0h 56m	4h 42m

Table G.18: Duration from triage time to ED end time by diagnosis group.

	n	Med	25th	75th
Substance use	1,844	4h 6m	2h 17m	6h 51m
Psychosis-related	167	5h 37m	3h 11m	9h 16m
Mood	1,054	4h 15m	2h 35m	6h 42m
Neurotic/stress-related	1,792	3h 11m	1h 49m	4h 55m
Behavioural syndrome	84	4h 0m	2h 51m	5h 7m
Personality-related	94	3h 52m	2h 27m	5h 55m
Behavioural/Emotional	976	3h 51m	2h 36m	5h 58m
Unspecified	11	2h 20m	1h 26m	5h 10m
Self-harm	969	5h 16m	3h 8m	9h 13m

Table G.19: Duration from triage time to physician assessment time by gender.

	n	Med	25th	75th
F	1,431	1h 31m	0h 47m	2h 41m
M	1,029	1h 38m	0h 53m	2h 44m

Table G.20: Duration from triage time to physician assessment time by age group.

	n	Med	25th	75th
00-04	23	1h 24m	0h 51m	2h 44m
05-09	169	2h 0m	1h 18m	2h 52m
10-14	870	1h 39m	0h 54m	2h 44m
15-17	1,398	1h 27m	0h 44m	2h 35m

Table G.21: Duration from triage time to physician assessment time by pSES.

	n	Med	25th	75th
Aboriginal	170	1h 6m	0h 38m	2h 3m
Registrant without Subsidy	1,601	1h 35m	0h 49m	2h 44m
Government Sponsored Programs	546	1h 43m	0h 56m	2h 45m
Welfare	143	1h 31m	0h 51m	2h 32m

Table G.22: Duration from triage time to physician assessment time by disposition.

	n	Med	25th	75th
Discharged	1,932	1h 37m	0h 52m	2h 41m
Discharged from program or clinic	0			
Left against medical advice	10	1h 26m	0h 49m	1h 43m
Admitted to CCU or OR	-	0h 31m	0h 28m	0h 58m
Admitted to other area	474	1h 28m	0h 40m	2h 45m
Transferred to another acute care facility	41	1h 3m	0h 23m	2h 28m
Expired in ambulatory care service	0			
Dead on arrival to ambulatory care service	0			
Left without being seen	0			
No doctor available	0			

Table G.23: Duration from triage time to physician assessment time by RHA.

	n	Med	25th	75th
R1 Chinook Regional Health Authority	276	0h 59m	0h 35m	1h 39m
R2 Palliser health Region	137	0h 50m	0h 28m	2h 11m
R3 Calgary Health Region	1,978	1h 44m	0h 55m	2h 50m
R4 David Thompson Regional Health Authority	31	1h 28m	0h 50m	2h 21m
R5 East Central Health	-	0h 0m	0h 0m	0h 0m
R6 Capital Health	26	2h 13m	1h 21m	3h 52m
R7 Aspen Regional Health Authority	14	1h 37m	0h 53m	2h 15m
R8 Peace Country Health	6	0h 39m	0h 13m	1h 34m
R9 Northern Lights Health Region	5	2h 51m	2h 23m	3h 11m

Table G.24: Duration from triage time to physician assessment time by triage level.

	n	Med	25th	75th
Resuscitation	13	0h 3m	0h 1m	0h 10m
Emergency	449	0h 57m	0h 26m	1h 52m
Urgent	1,401	1h 46m	0h 59m	2h 53m
Semi-Urgent	526	1h 44m	0h 56m	2h 46m
Non-Urgent	63	1h 2m	0h 37m	1h 49m
Unavailable	8	0h 42m	0h 16m	1h 14m

Table G.25: Duration from triage time to physician assessment time by diagnosis group.

	n	Med	25th	75th
Substance use	478	1h 0m	0h 30m	1h 58m
Psychosis-related	55	1h 57m	1h 5m	3h 11m
Mood	442	1h 53m	1h 3m 1	3h 4m
Neurotic/stress-related	734	1h 40m	0h 56m	2h 43m
Behavioural syndrome	60	2h 14m	1h 18m	2h 52m
Personality-related	25	2h 31m	1h 4m	4h 24m
Behavioural/Emotional	413	1h 55m	1h 14m	2h 53m
Unspecified	5	1h 34m	1h 8m	2h 30m
Self-harm	248	0h 57m	0h 29m	1h 45m

Table G.26: Duration from triage time to physician assessment time by triage level and ED visit diagnosis group.

		n	Med	25th	75th
Resuscitation	Substance use	9	0h 3m	0h 1m	0h 10m
	Psychosis-related	0			
	Mood	0			
	Neurotic/stress-related	-	0h 3m	0h 3m	0h 3m
	Behavioural syndrome	0			
	Personality-related	0			
	Behavioural/Emotional	0			
	Unspecified	0			
	Self-harm	-	0h 3m	0h 1m	0h 14m
Emergency	Substance use	142	0h 40m	0h 21m	1h 25m
	Psychosis-related	8	1h 6m	0h 41m	1h 39m
	Mood	60	1h 13m	0h 41m	2h 13m
	Neurotic/stress-related	89	1h 11m	0h 34m	2h 23m
	Behavioural syndrome	-	0h 47m	0h 38m	1h 39m
	Personality-related	-	2h 44m	1h 54m	3h 34m
	Behavioural/Emotional	29	1h 50m	1h 7m	2h 45m
	Unspecified	0			
	Self-harm	116	0h 48m	0h 21m	1h 29m
Urgent	Substance use	245	1h 22m	0h 35m	2h 31m
	Psychosis-related	39	2h 23m	1h 20m	3h 28m
	Mood	272	2h 1m	1h 15m	3h 14m
	Neurotic/stress-related	428	1h 46m	1h 5m	2h 54m
	Behavioural syndrome	44	2h 16m	1h 9m	2h 55m
	Personality-related	13	3h 31m	1h 53m	5h 0m
	Behavioural/Emotional	253	1h 55m	1h 12m	2h 57m
	Unspecified	-	1h 21m	1h 6m	1h 48m
	Self-harm	103	0h 59m	0h 32m	1h 42m
Semi-Urgent	Substance use	67	1h 3m	0h 35m	1h 58m
	Psychosis-related	7	1h 34m	0h 53m	2h 34m
	Mood	99	1h 56m	1h 1m	3h 7m
	Neurotic/stress-related	193	1h 40m	0h 54m	2h 42m
	Behavioural syndrome	12	1h 49m	1h 28m	2h 46m
	Personality-related	9	1h 47m	0h 53m	2h 45m
	Behavioural/Emotional	116	1h 59m	1h 23m	2h 59m
	Unspecified	-	2h 55m	2h 55m	2h 55m
	Self-harm	22	1h 20m	1h 2m	2h 52m

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		n	Med	25th	75th
Non-Urgent	Substance use	14	0h 53m	0h 36m	1h 20m
	Psychosis-related	-	1h 8m	1h 8m	1h 8m
	Mood	11	0h 50m	0h 29m	1h 26m
	Neurotic/stress-related	20	0h 42m	0h 17m	1h 14m
	Behavioural syndrome	-	1h 22m	1h 22m	1h 22m
	Personality-related	-	1h 53m	1h 53m	1h 53m
	Behavioural/Emotional	12	1h 28m	1h 10m	2h 6m
	Unspecified	0			
	Self-harm	-	3h 7m	2h 46m	4h 33m
Unavailable	Substance use	-	0h 20m	0h 20m	0h 20m
	Psychosis-related	0			
	Mood	0			
	Neurotic/stress-related	-	0h 45m	0h 25m	1h 26m
	Behavioural syndrome	0			
	Personality-related	0			
	Behavioural/Emotional	-	0h 40m	0h 21m	0h 48m
	Unspecified	0			
	Self-harm	-	2h 31m	2h 31m	2h 31m

H ED Visit Disposition

Table H.1: Disposition codes and definitions.

Code	Definition
1	Discharged – visit concluded.
2	Discharged from program or clinic - will not return for further care. (This code refers only to the last visit of a child/youth discharged from a treatment program at which he/she has been seen for repeat services.)
3	LAMA – Left against medical advice. (Intended care not completed.)
4	Child/youth admitted as an inpatient to Critical Care Unit or OR (Operating Room) in own facility.
5	Child/youth admitted as an inpatient to other area in own facility.
6	Child/youth transferred to another acute care facility (includes psychiatric, rehabilitation, oncology, and pediatric facilities).
7	DAA – Child/youth expired in ambulatory care service.
8	DOA – Child/youth dead on arrival to ambulatory care service.
9	LWBS – Left without being seen. (Not seen by a professional service provider.)
0	No doctor available. (Child/youth was asked to return later.) <i>Introduced in 2006/07.</i>

Table H.2: ED mental health visits by disposition for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
n	4,865	4,917	5,105	5,274	5,287	5,208	30,656
1	3,962 (81.4)	4,023 (81.8)	4,134 (81.0)	4,295 (81.4)	4,308 (81.5)	4,142 (79.5)	24,864 (81.1)
2	0 (0.0)	0 (0.0)	0 (0.0)	22 (0.4)	24 (0.5)	6 (0.1)	52 (0.2)
3	32 (0.7)	32 (0.7)	124 (2.4)	170 (3.2)	172 (3.3)	210 (4.0)	740 (2.4)
4	- (0.5)	- (0.3)	- (0.2)	- (0.3)	- (0.2)	- (0.2)	88 (0.3)
5	690 (14.2)	691 (14.1)	689 (13.5)	647 (12.3)	653 (12.4)	696 (13.4)	4,066 (13.3)
6	155 (3.2)	155 (3.2)	144 (2.8)	117 (2.2)	107 (2.0)	139 (2.7)	817 (2.7)
7	- (0.0)	- (0.0)	- (0.0)	- (0.1)	- (0.0)	- (0.0)	13 (0.0)
8	- (0.0)	0 (0.0)	0 (0.0)	- (0.0)	- (0.0)	0 (0.0)	- (0.0)
9	0 (0.0)	0 (0.0)	- (0.0)	- (0.0)	- (0.1)	- (0.0)	6 (0.0)
0					- (0.1)	- (0.0)	- (0.0)
Children/Youth							
1	3,360	3,375	3,526	3,567	3,555	3,482	
2	0	0	0	21	23	6	
3	32	32	120	166	169	199	
4	23	14	11	16	13	11	
5	612	619	622	595	608	645	
6	149	148	136	111	101	125	
7	-	-	-	-	-	-	
8	-	0	0	-	-	0	
9	0	0	-	-	-	-	
0					5	-	

1=Discharged, 2=Discharged from program or clinic, 3= Left against medical advice, 4=Admitted to CCU or OR

5=Admitted to other area of own facility, 6=Transferred to another acute care facility, 7=Expired in ambulatory care service

8=Dead on arrival to ambulatory care service, 9=Left without being seen, 0=No doctor available

Table H.3: ED mental health visits and children/youth by pSES and disposition for each year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
A n	581	627	725	740	791	766	4,230
1	467 (80.4)	519 (82.8)	599 (82.6)	599 (80.9)	640 (80.9)	613 (80.0)	3,437 (81.3)
2	0 (0.0)	0 (0.0)	0 (0.0)	- (0.4)	- (0.1)	- (0.1)	5 (0.1)
3	- (1.0)	- (0.5)	23 (3.2)	26 (3.5)	36 (4.6)	43 (5.6)	137 (3.2)
4	- (1.5)	- (0.3)	- (0.3)	- (0.9)	- (0.1)	- (0.1)	22 (0.5)
5	75 (12.9)	81 (12.9)	76 (10.5)	81 (10.9)	90 (11.4)	86 (11.2)	489 (11.6)
6	24 (4.1)	22 (3.5)	23 (3.2)	19 (2.6)	20 (2.5)	19 (2.5)	127 (3.0)
7	0 (0.0)	0 (0.0)	- (-)	- (-)	0 (0.0)	- (-)	7 (0.2)
8	0 (0.0)	0 (0.0)	0 (0.0)	- (-)	0 (0.0)	0 (0.0)	- (-)
9	0 (0.0)	0 (0.0)	- (-)	0 (0.0)	- (-)	0 (0.0)	- (-)
0	0				- (-)	- (-)	- (-)
R n	3,121	3,079	3,174	3,222	3,136	2,983	18,715
1	2,536 (81.3)	2,516 (81.7)	2,565 (80.8)	2,629 (81.6)	2,541 (81.0)	2,391 (80.2)	15,178 (81.1)
2	0 (0.0)	0 (0.0)	0 (0.0)	- (0.4)	- (0.5)	- (-)	34 (0.2)
3	- (0.4)	- (0.6)	- (2.2)	- (2.9)	- (3.2)	- (3.3)	393 (2.1)
4	- (0.3)	- (0.3)	- (0.2)	- (0.2)	- (0.3)	- (0.3)	48 (0.3)
5	460 (14.7)	451 (14.6)	449 (14.1)	411 (12.8)	405 (12.9)	409 (13.7)	2,585 (13.8)
6	101 (3.2)	86 (2.8)	82 (2.6)	65 (2.0)	59 (1.9)	73 (2.4)	466 (2.5)
7	- (0.0)	- (0.0)	- (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	- (0.0)
8	0 (0.0)	0 (0.0)	0 (0.0)	- (0.0)	- (0.0)	0 (0.0)	- (0.0)
9	0 (0.0)	0 (0.0)	0 (0.0)	- (0.0)	- (0.0)	- (0.0)	- (0.0)
0					- (-)	0 (0.0)	- (0.0)
S n	830	911	896	996	1,018	1,088	5,739
1	686 (82.7)	758 (83.2)	724 (80.8)	817 (82.0)	842 (82.7)	853 (78.4)	4,680 (81.5)
2	0 (0.0)	0 (0.0)	0 (0.0)	- (0.5)	- (0.6)	- (-)	13 (0.2)
3	- (1.0)	- (0.7)	- (3.1)	- (3.4)	- (2.5)	- (4.9)	154 (2.7)
4	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	12 (0.2)
5	108 (13.0)	117 (12.8)	115 (12.8)	117 (11.7)	118 (11.6)	148 (13.6)	723 (12.6)
6	23 (2.8)	28 (3.1)	28 (3.1)	21 (2.1)	23 (2.3)	31 (2.8)	154 (2.7)
7	- (-)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	- (0.0)
8	- (-)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	- (0.0)
9	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	- (-)	0 (0.0)	- (0.0)
0					0 (0.0)	0 (0.0)	0 (0.0)

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	02/03	03/04	04/05	05/06	06/07	07/08	All
W n	333	300	310	316	342	371	1,972
1	273 (82.0)	230 (76.7)	246 (79.4)	250 (79.1)	285 (83.3)	285 (76.8)	1,569 (79.6)
2	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
3	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	56 (2.8)
4	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
5	47 (14.1)	42 (14.0)	49 (15.8)	38 (12.0)	40 (11.7)	53 (14.3)	269 (13.6)
6	7 (2.1)	19 (6.3)	11 (3.5)	12 (3.8)	5 (1.5)	16 (4.3)	70 (3.5)
7	0 (0.0)	- (-)	0 (0.0)	0 (0.0)	- (-)	0 (0.0)	- (-)
8	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
9	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
0					0 (0.0)	0 (0.0)	0 (0.0)
Children/Youth							
A							
1	393	437	480	511	505	510	
2	0	0	0	-	-	-	
3	6	-	22	25	34	41	
4	9	-	-	7	-	-	
5	67	72	68	72	87	84	
6	23	21	21	18	16	17	
7	0	0	-	-	0	-	
8	0	0	0	-	0	0	
9	0	0	-	0	-	0	
0					-	-	
R							
1	2,202	2,186	2,249	2,230	2,149	2,050	
2	0	0	0	14	16	-	
3	13	17	68	93	101	95	
4	10	8	7	6	8	9	
5	413	407	406	381	373	375	
6	96	84	77	63	57	65	
7	-	-	-	0	0	0	
8	0	0	0	-	-	0	
9	0	0	0	-	-	-	
0					-	0	
S							
1	545	555	584	628	677	682	
2	0	0	0	-	6	-	
3	8	6	27	34	24	47	
4	-	-	-	-	-	-	
5	92	103	106	106	110	136	
6	23	26	27	18	23	27	
7	-	0	0	0	0	0	
8	-	0	0	0	0	0	
9	0	0	0	0	-	0	
0					0	0	

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	02/03	03/04	04/05	05/06	06/07	07/08	All
W 1	220	197	213	198	224	240	
2	0	0	0	0	0	0	
3	5	6	-	14	10	16	
4	-	-	-	-	-	0	
5	40	37	42	36	38	50	
6	7	17	11	12	5	16	
7	0	-	0	0	-	0	
8	0	0	0	0	0	0	
9	0	0	0	0	0	0	
0					0	0	

A=Aboriginal, R=Registrant without Subsidy, S=Government Sponsored Programs, W=Welfare

1=Discharged, 2=Discharged from program or clinic, 3= Left against medical advice, 4=Admitted to CCU or OR

5=Admitted to other area of own facility, 6=Transferred to another acute care facility, 7=Expired in ambulatory care service

8=Dead on arrival to ambulatory care service, 9=Left without being seen, 0=No doctor available

I Regional Variation

Table I.1: Regional Health Authority (RHA) and sub-Regional Health Authority (sRHA) codes and names.

RHA	Code	sRHA
R1 Chinook Regional Health Authority	1	R101 Crowsnest Pincher Creek
	2	R102 Ft McLeod Cardston
	3	R103 Lethbridge
	4	R104 Picture Butte Raymond Milk R
	5	R105 Vauxhall Taber
R2 Palliser Health Region	6	R201 Palliser North and Central
	7	R202 Palliser West
R3 Calgary Health Region	8	R301 Calgary North East
	9	R302 Calgary Beddington Heights
	10	R303 Calgary Northwest
	11	R304 Calgary University
	12	R305 Calgary Charleswood
	13	R306 Calgary Marlborough
	14	R307 Calgary Shaganappi
	15	R308 Calgary Bowness
	16	R309 Calgary Scarboro
	17	R310 Calgary Forest Lawn
	18	R311 Calgary Lakeview
	19	R312 Calgary Mount Royal
	20	R313 Calgary Haysboro
21	R314 Calgary Bonavista	
22	R315 Calgary South	
23	R320 Banff-Canmore	
24	R321 Didsbury-Strathmore	
25	R322 Vulcan-Claresholm	
26	R323 High River-Black Diamond	
R4 David Thompson Regional Health Authority	27	R401 Clearwater
	28	R402 Brazeau
	29	R403 Wetaskiwin-Hobbema
	30	R404 Ponoka
	31	R405 Lacombe
	32	R406 Red Deer
	33	R407 Olds
	34	R408 Drumheller-Hanna
	35	R409 Stettler-Consort
R5 East Central Health	36	R501 Region 5 Northwest
	37	R502 Regions 5 Northeast
	38	R503 Region 5 Southeast
	39	R504 Region 5 South Central
	40	R505 Region5 Southwest

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RHA	Code	sRHA
R6 Capital Health	41	R601 St. Albert
	42	R602 Edmonton Castle Downs
	43	R603 Edmonton Woodcroft
	44	R604 Edmonton Eastwood
	45	R605 Edmonton North Central
	46	R606 Edmonton North East
	47	R607 Edmonton Bonnie Doon
	48	R608 Edmonton West Jasper Place
	49	R609 Edmonton Twin Brooks
	50	R612 Edmonton Mill Woods
	51	R613 Sherwood Park
	52	R614 Strathcona County
	53	R615 Thorsby
	54	R616 Leduc Office
55	R617 Beaumont	
56	R618 Westview	
57	R619 Sturgeon County	
58	R620 Fort Saskatchewan	
R7 Aspen Regional Health Authority	59	R701 Aspen West
	60	R702 Aspen Central
	61	R703 Aspen North
	62	R704 Aspen East
R8 Peace Country Health	63	R801 Peace NW
	64	R802 Peace NE
	65	R803 Peace SE
	66	R804 Peace SW
R9 Northern Lights Health Region	67	R901 High Level
	68	R902 La Crete
	69	R903 Northern Lights Northwest
	70	R904 Fort McMurray

Table I.2: Population by RHA and sRHA for each fiscal year.

		02/03	03/04	04/05	05/06	06/07	07/08
R1	n	40,190	40,090	39,775	39,612	40,484	41,248
	R101	3,505 (8.7)	3,387 (8.4)	3,265 (8.2)	3,168 (8.0)	3,180 (7.9)	3,052 (7.4)
	R102	7,021 (17.5)	6,940 (17.3)	6,803 (17.1)	6,738 (17.0)	6,824 (16.9)	6,942 (16.8)
	R103	16,503 (41.1)	16,682 (41.6)	16,664 (41.9)	16,709 (42.2)	17,311 (42.8)	17,804 (43.2)
	R104	8,101 (20.2)	8,009 (20.0)	7,933 (19.9)	7,936 (20.0)	7,928 (19.6)	8,064 (19.6)
	R105	5,060 (12.6)	5,072 (12.7)	5,110 (12.8)	5,061 (12.8)	5,241 (12.9)	5,386 (13.1)
R2	n	24,431	24,490	24,610	24,806	25,356	25,707
	R201	18,125 (74.2)	18,178 (74.2)	18,283 (74.3)	18,349 (74.0)	18,758 (74.0)	19,126 (74.4)
	R202	6,306 (25.8)	6,312 (25.8)	6,327 (25.7)	6,457 (26.0)	6,598 (26.0)	6,581 (25.6)
R3	n	265,046	267,352	269,528	275,838	282,728	287,838
	R301	19,497 (7.4)	19,957 (7.5)	20,332 (7.5)	21,043 (7.6)	21,502 (7.6)	21,728 (7.5)
	R302	15,679 (5.9)	16,478 (6.2)	17,198 (6.4)	18,259 (6.6)	19,394 (6.9)	20,283 (7.0)
	R303	20,014 (7.6)	20,724 (7.8)	21,259 (7.9)	22,140 (8.0)	23,388 (8.3)	24,715 (8.6)
	R304	9,781 (3.7)	9,973 (3.7)	10,221 (3.8)	10,754 (3.9)	11,060 (3.9)	11,334 (3.9)
	R305	15,866 (6.0)	15,365 (5.7)	14,829 (5.5)	14,577 (5.3)	14,443 (5.1)	13,980 (4.9)
	R306	15,557 (5.9)	15,002 (5.6)	14,632 (5.4)	14,477 (5.2)	14,348 (5.1)	14,182 (4.9)
	R307	12,932 (4.9)	14,119 (5.3)	15,431 (5.7)	16,562 (6.0)	17,434 (6.2)	18,124 (6.3)
	R308	10,170 (3.8)	9,908 (3.7)	9,564 (3.5)	9,400 (3.4)	9,383 (3.3)	9,464 (3.3)
	R309	5,792 (2.2)	5,737 (2.1)	5,502 (2.0)	5,652 (2.0)	5,735 (2.0)	5,485 (1.9)
	R310	16,234 (6.1)	15,790 (5.9)	15,185 (5.6)	14,924 (5.4)	14,770 (5.2)	14,459 (5.0)
	R311	10,073 (3.8)	9,812 (3.7)	9,452 (3.5)	9,505 (3.4)	9,543 (3.4)	9,501 (3.3)
	R312	6,789 (2.6)	6,707 (2.5)	6,632 (2.5)	6,472 (2.3)	6,306 (2.2)	6,106 (2.1)
	R313	19,792 (7.5)	19,098 (7.1)	18,280 (6.8)	17,927 (6.5)	17,527 (6.2)	17,007 (5.9)
	R314	21,049 (7.9)	20,988 (7.9)	20,941 (7.8)	21,437 (7.8)	22,170 (7.8)	22,949 (8.0)
	R315	16,740 (6.3)	17,301 (6.5)	18,111 (6.7)	19,135 (6.9)	20,049 (7.1)	21,023 (7.3)
	R320	10,431 (3.9)	10,525 (3.9)	10,490 (3.9)	10,530 (3.8)	10,539 (3.7)	10,460 (3.6)
	R321	21,979 (8.3)	22,953 (8.6)	24,157 (9.0)	25,294 (9.2)	26,665 (9.4)	28,108 (9.8)
	R322	4,880 (1.8)	4,886 (1.8)	4,812 (1.8)	4,740 (1.7)	4,751 (1.7)	4,750 (1.7)
	R323	11,791 (4.4)	12,029 (4.5)	12,500 (4.6)	13,010 (4.7)	13,721 (4.9)	14,180 (4.9)
R4	n	75,430	75,146	74,720	75,015	76,391	77,020
	R401	5,461 (7.2)	5,432 (7.2)	5,392 (7.2)	5,293 (7.1)	5,400 (7.1)	5,417 (7.0)
	R402	4,215 (5.6)	4,187 (5.6)	4,128 (5.5)	4,080 (5.4)	4,115 (5.4)	4,163 (5.4)
	R403	10,729 (14.2)	10,699 (14.2)	10,499 (14.1)	10,468 (14.0)	10,465 (13.7)	10,559 (13.7)
	R404	4,419 (5.9)	4,319 (5.7)	4,198 (5.6)	4,117 (5.5)	4,199 (5.5)	4,196 (5.4)
	R405	7,929 (10.5)	7,871 (10.5)	7,962 (10.7)	8,029 (10.7)	8,169 (10.7)	8,272 (10.7)
	R406	27,499 (36.5)	27,811 (37.0)	27,983 (37.5)	28,601 (38.1)	29,412 (38.5)	29,956 (38.9)
	R407	3,834 (5.1)	3,728 (5.0)	3,742 (5.0)	3,757 (5.0)	3,857 (5.0)	3,820 (5.0)
	R408	6,676 (8.9)	6,483 (8.6)	6,284 (8.4)	6,138 (8.2)	6,214 (8.1)	6,045 (7.8)
	R409	4,668 (6.2)	4,616 (6.1)	4,532 (6.1)	4,532 (6.0)	4,560 (6.0)	4,592 (6.0)

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		02/03	03/04	04/05	05/06	06/07	07/08
R5	n	27,458	26,804	27,043	26,892	27,531	27,761
	R501	5,196 (18.9)	4,962 (18.5)	5,037 (18.6)	5,006 (18.6)	5,109 (18.6)	5,169 (18.6)
	R502	7,359 (26.8)	7,395 (27.6)	7,558 (27.9)	7,657 (28.5)	7,944 (28.9)	8,013 (28.9)
	R503	3,781 (13.8)	3,678 (13.7)	3,698 (13.7)	3,724 (13.8)	3,841 (14.0)	3,861 (13.9)
	R504	5,236 (19.1)	5,011 (18.7)	5,070 (18.7)	4,977 (18.5)	4,979 (18.1)	5,027 (18.1)
	R505	5,886 (21.4)	5,758 (21.5)	5,680 (21.0)	5,528 (20.6)	5,658 (20.6)	5,691 (20.5)
R6	n	231,324	230,518	229,698	231,549	237,679	241,140
	R601	13,811 (6.0)	13,723 (6.0)	13,612 (5.9)	13,657 (5.9)	13,652 (5.7)	13,685 (5.7)
	R602	10,917 (4.7)	11,142 (4.8)	11,544 (5.0)	12,118 (5.2)	12,656 (5.3)	13,036 (5.4)
	R603	14,382 (6.2)	14,113 (6.1)	13,520 (5.9)	13,326 (5.8)	13,436 (5.7)	13,405 (5.6)
	R604	11,318 (4.9)	11,233 (4.9)	10,622 (4.6)	10,194 (4.4)	10,488 (4.4)	10,537 (4.4)
	R605	16,428 (7.1)	16,525 (7.2)	16,524 (7.2)	16,622 (7.2)	17,074 (7.2)	17,285 (7.2)
	R606	18,890 (8.2)	18,450 (8.0)	18,082 (7.9)	18,344 (7.9)	19,081 (8.0)	19,534 (8.1)
	R607	15,052 (6.5)	14,473 (6.3)	14,015 (6.1)	13,681 (5.9)	13,720 (5.8)	13,688 (5.7)
	R608	22,845 (9.9)	22,860 (9.9)	22,745 (9.9)	22,695 (9.8)	23,310 (9.8)	23,309 (9.7)
	R609	19,493 (8.4)	20,071 (8.7)	20,819 (9.1)	21,712 (9.4)	23,010 (9.7)	23,791 (9.9)
	R612	26,781 (11.6)	26,743 (11.6)	26,775 (11.7)	27,111 (11.7)	27,956 (11.8)	28,618 (11.9)
	R613	13,717 (5.9)	13,934 (6.0)	14,075 (6.1)	14,437 (6.2)	14,579 (6.1)	14,914 (6.2)
	R614	6,020 (2.6)	5,987 (2.6)	5,891 (2.6)	5,870 (2.5)	5,902 (2.5)	5,868 (2.4)
	R615	2,236 (1.0)	2,207 (1.0)	2,135 (0.9)	2,110 (0.9)	2,108 (0.9)	2,105 (0.9)
	R616	4,756 (2.1)	4,678 (2.0)	4,762 (2.1)	4,800 (2.1)	4,951 (2.1)	5,108 (2.1)
	R617	3,378 (1.5)	3,292 (1.4)	3,370 (1.5)	3,478 (1.5)	3,644 (1.5)	3,894 (1.6)
	R618	18,280 (7.9)	18,539 (8.0)	18,625 (8.1)	18,878 (8.2)	19,419 (8.2)	19,580 (8.1)
	R619	9,187 (4.0)	8,731 (3.8)	8,826 (3.8)	8,738 (3.8)	8,840 (3.7)	8,844 (3.7)
	R620	3,833 (1.7)	3,817 (1.7)	3,756 (1.6)	3,778 (1.6)	3,853 (1.6)	3,939 (1.6)
R7	n	50,998	49,288	49,152	48,510	48,713	48,589
	R701	11,341 (22.2)	11,151 (22.6)	11,054 (22.5)	10,953 (22.6)	11,001 (22.6)	10,861 (22.4)
	R702	10,301 (20.2)	10,120 (20.5)	9,971 (20.3)	9,793 (20.2)	9,849 (20.2)	9,822 (20.2)
	R703	12,205 (23.9)	11,604 (23.5)	11,585 (23.6)	11,363 (23.4)	11,308 (23.2)	11,329 (23.3)
	R704	17,151 (33.6)	16,413 (33.3)	16,542 (33.7)	16,401 (33.8)	16,555 (34.0)	16,577 (34.1)
R8	n	37,338	37,306	37,239	37,741	38,753	39,161
	R801	7,212 (19.3)	7,090 (19.0)	7,000 (18.8)	6,917 (18.3)	6,927 (17.9)	6,803 (17.4)
	R802	4,513 (12.1)	4,436 (11.9)	4,306 (11.6)	4,210 (11.2)	4,312 (11.1)	4,280 (10.9)
	R803	6,596 (17.7)	6,581 (17.6)	6,360 (17.1)	6,308 (16.7)	6,234 (16.1)	6,227 (15.9)
	R804	19,017 (50.9)	19,199 (51.5)	19,573 (52.6)	20,306 (53.8)	21,280 (54.9)	21,851 (55.8)
R9	n	21,843	22,230	22,572	22,641	23,305	23,915
	R901	2,668 (12.2)	2,619 (11.8)	2,586 (11.5)	2,581 (11.4)	2,539 (10.9)	2,454 (10.3)
	R902	3,227 (14.8)	3,340 (15.0)	3,395 (15.0)	3,575 (15.8)	3,751 (16.1)	3,845 (16.1)
	R903	3,472 (15.9)	3,549 (16.0)	3,620 (16.0)	3,578 (15.8)	3,605 (15.5)	3,666 (15.3)
	R904	12,476 (57.1)	12,722 (57.2)	12,971 (57.5)	12,907 (57.0)	13,410 (57.5)	13,950 (58.3)
Missing		91 (0.0)	112 (0.0)	85 (0.0)	121 (0.0)	146 (0.0)	112 (0.0)

Table I.3: ED mental health visits by RHA and sRHA for each year.

		02/03	03/04	04/05	05/06	06/07	07/08	All
R1	n	217	228	265	221	279	293	1,503
	R101	34 (15.7)	27 (11.8)	40 (15.1)	34 (15.4)	47 (16.8)	44 (15.0)	226 (15.0)
	R102	47 (21.7)	53 (23.2)	68 (25.7)	50 (22.6)	64 (22.9)	72 (24.6)	354 (23.6)
	R103	84 (38.7)	90 (39.5)	110 (41.5)	91 (41.2)	101 (36.2)	120 (41.0)	596 (39.7)
	R104	35 (16.1)	39 (17.1)	26 (9.8)	23 (10.4)	33 (11.8)	26 (8.9)	182 (12.1)
	R105	17 (7.8)	19 (8.3)	21 (7.9)	23 (10.4)	34 (12.2)	31 (10.6)	145 (9.6)
R2	n	139	149	169	180	161	189	987
	R201	92 (66.2)	105 (70.5)	107 (63.3)	132 (73.3)	96 (59.6)	146 (77.2)	678 (68.7)
	R202	47 (33.8)	44 (29.5)	62 (36.7)	48 (26.7)	65 (40.4)	43 (22.8)	309 (31.3)
R3	n	1,328	1,313	1,426	1,481	1,548	1,476	8,572
	R301	73 (5.5)	88 (6.7)	67 (4.7)	75 (5.1)	94 (6.1)	91 (6.2)	488 (5.7)
	R302	55 (4.1)	70 (5.3)	57 (4.0)	69 (4.7)	73 (4.7)	67 (4.5)	391 (4.6)
	R303	65 (4.9)	95 (7.2)	102 (7.2)	112 (7.6)	108 (7.0)	114 (7.7)	596 (7.0)
	R304	31 (2.3)	38 (2.9)	50 (3.5)	39 (2.6)	38 (2.5)	43 (2.9)	239 (2.8)
	R305	120 (9.0)	93 (7.1)	114 (8.0)	95 (6.4)	108 (7.0)	92 (6.2)	622 (7.3)
	R306	75 (5.6)	75 (5.7)	69 (4.8)	87 (5.9)	75 (4.8)	78 (5.3)	459 (5.4)
	R307	48 (3.6)	48 (3.7)	62 (4.3)	56 (3.8)	56 (3.6)	42 (2.8)	312 (3.6)
	R308	71 (5.3)	50 (3.8)	92 (6.5)	59 (4.0)	87 (5.6)	79 (5.4)	438 (5.1)
	R309	61 (4.6)	59 (4.5)	41 (2.9)	65 (4.4)	71 (4.6)	42 (2.8)	339 (4.0)
	R310	97 (7.3)	115 (8.8)	94 (6.6)	115 (7.8)	94 (6.1)	87 (5.9)	602 (7.0)
	R311	49 (3.7)	41 (3.1)	39 (2.7)	51 (3.4)	67 (4.3)	62 (4.2)	309 (3.6)
	R312	26 (2.0)	17 (1.3)	28 (2.0)	32 (2.2)	39 (2.5)	21 (1.4)	163 (1.9)
	R313	119 (9.0)	87 (6.6)	112 (7.9)	123 (8.3)	127 (8.2)	114 (7.7)	682 (8.0)
	R314	109 (8.2)	95 (7.2)	116 (8.1)	87 (5.9)	80 (5.2)	100 (6.8)	587 (6.8)
	R315	63 (4.7)	72 (5.5)	81 (5.7)	60 (4.1)	82 (5.3)	66 (4.5)	424 (4.9)
	R320	44 (3.3)	49 (3.7)	54 (3.8)	59 (4.0)	77 (5.0)	78 (5.3)	361 (4.2)
	R321	108 (8.1)	97 (7.4)	120 (8.4)	147 (9.9)	144 (9.3)	178 (12.1)	794 (9.3)
	R322	29 (2.2)	31 (2.4)	33 (2.3)	43 (2.9)	51 (3.3)	38 (2.6)	225 (2.6)
	R323	85 (6.4)	93 (7.1)	95 (6.7)	107 (7.2)	77 (5.0)	84 (5.7)	541 (6.3)
R4	n	589	590	597	706	622	622	3,726
	R401	60 (10.2)	39 (6.6)	64 (10.7)	75 (10.6)	82 (13.2)	77 (12.4)	397 (10.7)
	R402	27 (4.6)	25 (4.2)	23 (3.9)	52 (7.4)	33 (5.3)	30 (4.8)	190 (5.1)
	R403	135 (22.9)	126 (21.4)	136 (22.8)	132 (18.7)	109 (17.5)	105 (16.9)	743 (19.9)
	R404	40 (6.8)	29 (4.9)	25 (4.2)	25 (3.5)	33 (5.3)	19 (3.0)	171 (4.6)
	R405	54 (9.2)	53 (9.0)	44 (7.4)	65 (9.2)	57 (9.2)	57 (9.1)	330 (8.9)
	R406	174 (29.5)	230 (39.0)	210 (35.2)	245 (34.7)	213 (34.2)	227 (36.6)	1,299 (34.9)
	R407	49 (8.3)	19 (3.2)	32 (5.4)	35 (5.0)	32 (5.1)	27 (4.3)	194 (5.2)
	R408	26 (4.4)	60 (10.2)	44 (7.4)	59 (8.4)	49 (7.9)	52 (8.3)	290 (7.8)
	R409	24 (4.1)	9 (1.5)	19 (3.2)	18 (2.5)	14 (2.3)	28 (4.5)	112 (3.0)

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		02/03	03/04	04/05	05/06	06/07	07/08	All
R5	n	153	219	154	162	173	164	1,025
	R501	31 (20.3)	54 (24.7)	33 (21.4)	39 (24.1)	35 (20.2)	26 (15.9)	218 (21.3)
	R502	18 (11.8)	16 (7.3)	14 (9.1)	28 (17.3)	19 (11.0)	21 (12.8)	116 (11.3)
	R503	23 (15.0)	29 (13.2)	27 (17.5)	33 (20.4)	41 (23.7)	32 (19.5)	185 (18.0)
	R504	31 (20.3)	48 (21.9)	35 (22.7)	26 (16.0)	34 (19.7)	30 (18.3)	204 (19.9)
	R505	50 (32.7)	72 (32.9)	45 (29.2)	36 (22.2)	44 (25.4)	55 (33.5)	302 (29.5)
R6	n	1,582	1,642	1,545	1,551	1,455	1,437	9,212
	R601	96 (6.1)	83 (5.1)	96 (6.2)	92 (5.9)	97 (6.7)	72 (5.0)	536 (5.8)
	R602	65 (4.1)	64 (3.9)	53 (3.4)	82 (5.3)	61 (4.2)	58 (4.0)	383 (4.2)
	R603	114 (7.2)	143 (8.7)	130 (8.4)	119 (7.7)	111 (7.6)	94 (6.5)	711 (7.7)
	R604	113 (7.1)	101 (6.2)	118 (7.6)	112 (7.2)	128 (8.8)	135 (9.4)	707 (7.7)
	R605	103 (6.5)	80 (4.9)	100 (6.5)	117 (7.5)	114 (7.8)	110 (7.7)	624 (6.8)
	R606	177 (11.2)	176 (10.7)	165 (10.7)	133 (8.6)	130 (8.9)	151 (10.5)	932 (10.1)
	R607	143 (9.0)	150 (9.1)	87 (5.6)	88 (5.7)	87 (6.0)	122 (8.5)	677 (7.3)
	R608	132 (8.3)	177 (10.8)	136 (8.8)	124 (8.0)	129 (8.9)	101 (7.0)	799 (8.7)
	R609	101 (6.4)	103 (6.3)	94 (6.1)	110 (7.1)	99 (6.8)	124 (8.6)	631 (6.8)
	R612	172 (10.9)	159 (9.7)	157 (10.2)	152 (9.8)	124 (8.5)	134 (9.3)	898 (9.7)
	R613	37 (2.3)	64 (3.9)	68 (4.4)	80 (5.2)	61 (4.2)	58 (4.0)	368 (4.0)
	R614	35 (2.2)	10 (0.6)	33 (2.1)	25 (1.6)	22 (1.5)	21 (1.5)	146 (1.6)
	R615	19 (1.2)	11 (0.7)	8 (0.5)	10 (0.6)	9 (0.6)	12 (0.8)	69 (0.7)
	R616	36 (2.3)	50 (3.0)	40 (2.6)	48 (3.1)	25 (1.7)	20 (1.4)	219 (2.4)
	R617	21 (1.3)	13 (0.8)	26 (1.7)	24 (1.5)	24 (1.6)	20 (1.4)	128 (1.4)
	R618	139 (8.8)	156 (9.5)	116 (7.5)	137 (8.8)	133 (9.1)	127 (8.8)	808 (8.8)
	R619	43 (2.7)	59 (3.6)	75 (4.9)	51 (3.3)	55 (3.8)	47 (3.3)	330 (3.6)
	R620	36 (2.3)	43 (2.6)	43 (2.8)	47 (3.0)	46 (3.2)	31 (2.2)	246 (2.7)
R7	n	420	377	473	487	541	524	2,822
	R701	92 (21.9)	68 (18.0)	68 (14.4)	99 (20.3)	106 (19.6)	134 (25.6)	567 (20.1)
	R702	63 (15.0)	68 (18.0)	60 (12.7)	57 (11.7)	76 (14.0)	85 (16.2)	409 (14.5)
	R703	93 (22.1)	111 (29.4)	153 (32.3)	133 (27.3)	147 (27.2)	108 (20.6)	745 (26.4)
	R704	172 (41.0)	130 (34.5)	192 (40.6)	198 (40.7)	212 (39.2)	197 (37.6)	1,101 (39.0)
R8	n	310	258	299	334	295	323	1,819
	R801	63 (20.3)	33 (12.8)	56 (18.7)	56 (16.8)	51 (17.3)	39 (12.1)	298 (16.4)
	R802	53 (17.1)	50 (19.4)	49 (16.4)	38 (11.4)	37 (12.5)	23 (7.1)	250 (13.7)
	R803	57 (18.4)	60 (23.3)	75 (25.1)	78 (23.4)	52 (17.6)	82 (25.4)	404 (22.2)
	R804	137 (44.2)	115 (44.6)	119 (39.8)	162 (48.5)	155 (52.5)	179 (55.4)	867 (47.7)
R9	n	127	141	177	152	213	178	988
	R901	17 (13.4)	28 (19.9)	30 (16.9)	17 (11.2)	42 (19.7)	34 (19.1)	168 (17.0)
	R902, R903	21 (16.5)	24 (17.0)	28 (15.8)	9 (5.9)	44 (20.6)	44 (24.7)	170 (17.2)
	R904	89 (70.1)	89 (63.1)	119 (67.2)	126 (82.9)	127 (59.6)	100 (56.2)	650 (65.8)
Missing		0	0	0	0	0	2	2

Table I.4: Children/youth with ED mental health visits by RHA and sRHA for each year.

		02/03	03/04	04/05	05/06	06/07	07/08
R1	n	175	199	220	200	239	225
	R101	25 (14.3)	24 (12.1)	34 (15.5)	30 (15.0)	38 (15.9)	31 (13.8)
	R102	39 (22.3)	46 (23.1)	48 (21.8)	44 (22.0)	53 (22.2)	55 (24.4)
	R103	72 (41.1)	82 (41.2)	96 (43.6)	83 (41.5)	88 (36.8)	94 (41.8)
	R104	25 (14.3)	30 (15.1)	25 (11.4)	21 (10.5)	28 (11.7)	24 (10.7)
	R105	14 (8.0)	17 (8.5)	17 (7.7)	22 (11.0)	32 (13.4)	21 (9.3)
R2	n	111	120	142	158	144	162
	R201	78 (70.3)	88 (73.3)	95 (66.9)	115 (72.8)	85 (59.0)	122 (75.3)
	R202	33 (29.7)	32 (26.7)	47 (33.1)	43 (27.2)	59 (41.0)	40 (24.7)
R3	n	1,068	1,109	1,184	1,140	1,193	1,180
	R301	59 (5.5)	70 (6.3)	54 (4.6)	61 (5.4)	76 (6.4)	76 (6.4)
	R302	40 (3.7)	55 (5.0)	49 (4.1)	55 (4.8)	42 (3.5)	58 (4.9)
	R303	50 (4.7)	88 (7.9)	85 (7.2)	84 (7.4)	77 (6.5)	93 (7.9)
	R304	26 (2.4)	33 (3.0)	39 (3.3)	27 (2.4)	32 (2.7)	35 (3.0)
	R305	86 (8.1)	70 (6.3)	97 (8.2)	68 (6.0)	83 (7.0)	70 (5.9)
	R306	65 (6.1)	63 (5.7)	60 (5.1)	65 (5.7)	59 (4.9)	61 (5.2)
	R307	43 (4.0)	40 (3.6)	52 (4.4)	47 (4.1)	46 (3.9)	34 (2.9)
	R308	59 (5.5)	47 (4.2)	59 (5.0)	37 (3.2)	61 (5.1)	57 (4.8)
	R309	46 (4.3)	48 (4.3)	33 (2.8)	41 (3.6)	50 (4.2)	36 (3.1)
	R310	82 (7.7)	96 (8.7)	70 (5.9)	85 (7.5)	84 (7.0)	78 (6.6)
	R311	36 (3.4)	40 (3.6)	34 (2.9)	45 (3.9)	55 (4.6)	44 (3.7)
	R312	21 (2.0)	14 (1.3)	26 (2.2)	24 (2.1)	26 (2.2)	18 (1.5)
	R313	91 (8.5)	75 (6.8)	97 (8.2)	88 (7.7)	95 (8.0)	91 (7.7)
	R314	83 (7.8)	78 (7.0)	95 (8.0)	73 (6.4)	69 (5.8)	79 (6.7)
	R315	52 (4.9)	66 (6.0)	71 (6.0)	54 (4.7)	64 (5.4)	59 (5.0)
	R320	40 (3.7)	38 (3.4)	51 (4.3)	47 (4.1)	55 (4.6)	65 (5.5)
	R321	87 (8.1)	92 (8.3)	102 (8.6)	113 (9.9)	115 (9.6)	117 (9.9)
	R322	28 (2.6)	21 (1.9)	29 (2.4)	36 (3.2)	42 (3.5)	35 (3.0)
	R323	74 (6.9)	75 (6.8)	81 (6.8)	90 (7.9)	62 (5.2)	74 (6.3)
R4	n	455	466	479	571	492	517
	R401	48 (10.5)	35 (7.5)	47 (9.8)	53 (9.3)	59 (12.0)	63 (12.2)
	R402	20 (4.4)	23 (4.9)	18 (3.8)	41 (7.2)	25 (5.1)	22 (4.3)
	R403	98 (21.5)	97 (20.8)	108 (22.5)	109 (19.1)	72 (14.6)	88 (17.0)
	R404	28 (6.2)	26 (5.6)	24 (5.0)	24 (4.2)	25 (5.1)	18 (3.5)
	R405	45 (9.9)	43 (9.2)	36 (7.5)	54 (9.5)	51 (10.4)	47 (9.1)
	R406	144 (31.6)	170 (36.5)	167 (34.9)	203 (35.6)	174 (35.4)	185 (35.8)
	R407	30 (6.6)	16 (3.4)	29 (6.1)	28 (4.9)	31 (6.3)	26 (5.0)
	R408	22 (4.8)	47 (10.1)	34 (7.1)	46 (8.1)	42 (8.5)	43 (8.3)
	R409	20 (4.4)	9 (1.9)	16 (3.3)	13 (2.3)	13 (2.6)	25 (4.8)

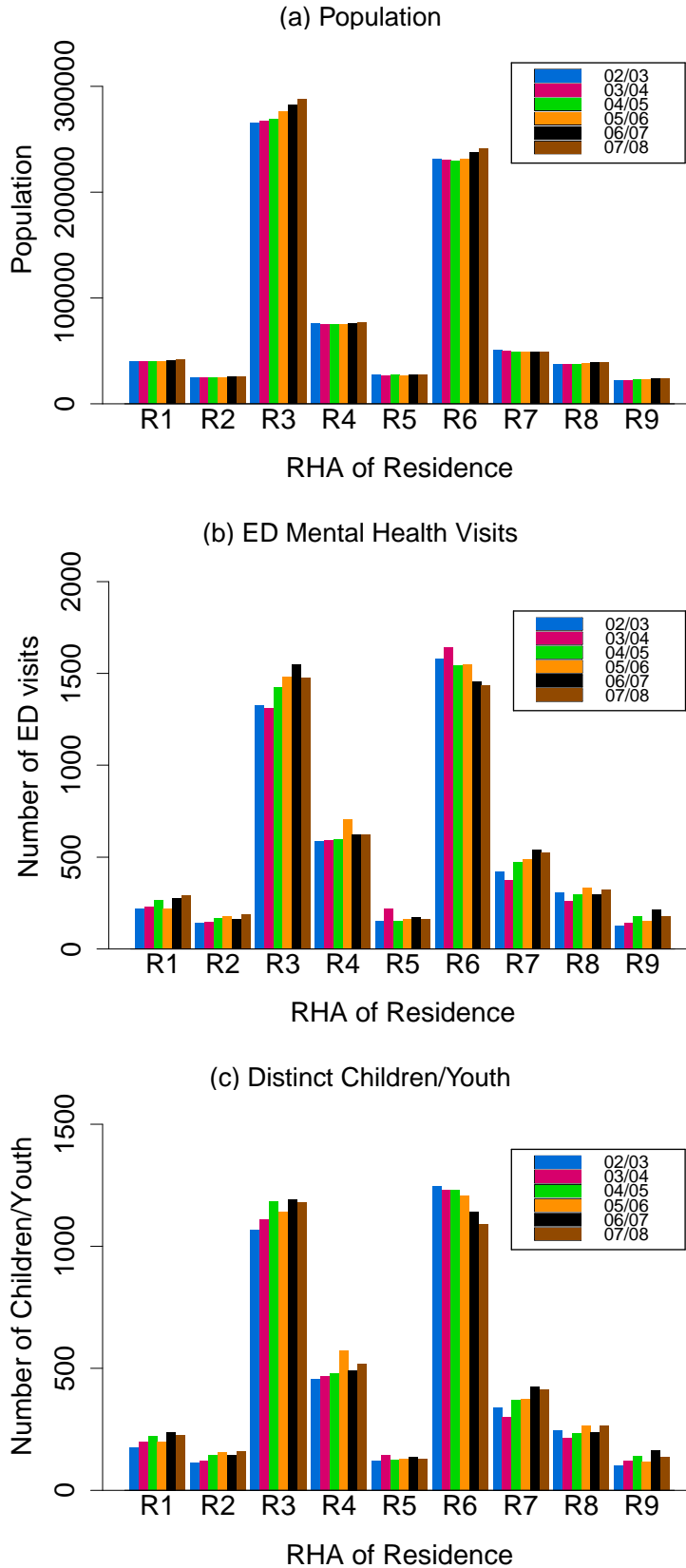
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		02/03	03/04	04/05	05/06	06/07	07/08
R5	n	120	142	125	128	137	129
	R501	29 (24.2)	34 (23.9)	27 (21.6)	33 (25.8)	28 (20.4)	21 (16.3)
	R502	10 (8.3)	10 (7.0)	12 (9.6)	13 (10.2)	16 (11.7)	15 (11.6)
	R503	18 (15.0)	21 (14.8)	23 (18.4)	29 (22.7)	27 (19.7)	25 (19.4)
	R504	27 (22.5)	32 (22.5)	27 (21.6)	23 (18.0)	31 (22.6)	27 (20.9)
	R505	36 (30.0)	45 (31.7)	36 (28.8)	30 (23.4)	35 (25.5)	41 (31.8)
R6	n	1,248	1,232	1,232	1,206	1,142	1,091
	R601	68 (5.4)	69 (5.6)	76 (6.2)	59 (4.9)	74 (6.5)	52 (4.8)
	R602	51 (4.1)	52 (4.2)	50 (4.1)	62 (5.1)	53 (4.6)	42 (3.8)
	R603	90 (7.2)	104 (8.4)	88 (7.1)	83 (6.9)	86 (7.5)	83 (7.6)
	R604	90 (7.2)	83 (6.7)	98 (8.0)	87 (7.2)	94 (8.2)	99 (9.1)
	R605	77 (6.2)	62 (5.0)	76 (6.2)	97 (8.0)	83 (7.3)	85 (7.8)
	R606	149 (11.9)	115 (9.3)	132 (10.7)	99 (8.2)	99 (8.7)	111 (10.2)
	R607	110 (8.8)	109 (8.8)	72 (5.8)	74 (6.1)	75 (6.6)	73 (6.7)
	R608	108 (8.7)	115 (9.3)	111 (9.0)	104 (8.6)	100 (8.8)	83 (7.6)
	R609	84 (6.7)	81 (6.6)	72 (5.8)	82 (6.8)	81 (7.1)	86 (7.9)
	R612	144 (11.5)	132 (10.7)	124 (10.1)	133 (11.0)	106 (9.3)	108 (9.9)
	R613	32 (2.6)	54 (4.4)	52 (4.2)	62 (5.1)	51 (4.5)	47 (4.3)
	R614	31 (2.5)	10 (0.8)	30 (2.4)	18 (1.5)	18 (1.6)	17 (1.6)
	R615	11 (0.9)	5 (0.4)	8 (0.6)	9 (0.7)	9 (0.8)	10 (0.9)
	R616	30 (2.4)	42 (3.4)	33 (2.7)	43 (3.6)	20 (1.8)	19 (1.7)
	R617	14 (1.1)	11 (0.9)	23 (1.9)	20 (1.7)	20 (1.8)	18 (1.6)
	R618	97 (7.8)	121 (9.8)	101 (8.2)	110 (9.1)	102 (8.9)	103 (9.4)
	R619	33 (2.6)	39 (3.2)	56 (4.5)	40 (3.3)	44 (3.9)	35 (3.2)
	R620	29 (2.3)	28 (2.3)	30 (2.4)	24 (2.0)	27 (2.4)	20 (1.8)
R7	n	341	301	370	372	426	413
	R701	74 (21.7)	63 (20.9)	57 (15.4)	74 (19.9)	84 (19.7)	101 (24.5)
	R702	55 (16.1)	50 (16.6)	47 (12.7)	51 (13.7)	65 (15.3)	70 (16.9)
	R703	78 (22.9)	84 (27.9)	116 (31.4)	101 (27.2)	112 (26.3)	96 (23.2)
	R704	134 (39.3)	104 (34.6)	150 (40.5)	146 (39.2)	165 (38.7)	146 (35.4)
R8	n	247	214	234	267	238	264
	R801	44 (17.8)	32 (15.0)	38 (16.2)	44 (16.5)	36 (15.1)	35 (13.3)
	R802	47 (19.0)	40 (18.7)	40 (17.1)	36 (13.5)	28 (11.8)	22 (8.3)
	R803	49 (19.8)	46 (21.5)	54 (23.1)	60 (22.5)	42 (17.6)	66 (25.0)
	R804	107 (43.3)	96 (44.9)	102 (43.6)	127 (47.6)	132 (55.5)	141 (53.4)
R9	n	100	119	140	115	165	135
	R901	14 (14.0)	26 (21.8)	25 (17.9)	11 (9.6)	31 (18.8)	27 (20.0)
	R902, R903	16 (16.0)	20 (16.8)	24 (17.1)	7 (6.1)	38 (23.1)	35 (25.9)
	R904	70 (70.0)	73 (61.3)	91 (65.0)	97 (84.3)	96 (58.2)	73 (54.1)
Missing		0	0	0	0	0	1

Table I.5: Gender and age group directly standardized visit rates (DSVRs) per 100,000 population by RHA for each fiscal year. Standard errors and 95% confidence intervals (CIs) are provided.

	02/03	03/04	04/05	05/06	06/07	07/08
R1 DSVR	540.3 (44.3)	568.1 (43.5)	662.5 (50.1)	552.0 (40.3)	690.7 (47.7)	730.6 (53.2)
95% CI	453.6 to 627.1	482.9 to 653.3	564.4 to 760.7	473.0 to 631.1	597.2 to 784.3	626.4 to 834.8
R2 DSVR	582.5 (63.6)	617.9 (64.9)	693.2 (64.6)	725.5 (60.1)	650.6 (55.9)	771.4 (64.3)
95% CI	457.8 to 707.3	490.8 to 745.1	566.5 to 819.9	607.7 to 843.4	541.1 to 760.2	645.4 to 897.5
R3 DSVR	508.3 (17.8)	496.6 (16.2)	533.1 (17.8)	543.0 (18.9)	560.8 (19.3)	533.7 (18.0)
95% CI	473.5 to 543.2	464.8 to 528.4	498.2 to 567.9	505.9 to 580.1	523.0 to 598.5	498.3 to 569.0
R4 DSVR	755.5 (39.7)	762.3 (39.6)	777.3 (39.4)	923.3 (41.7)	808.3 (49.4)	809.0 (40.9)
95% CI	677.6 to 833.3	684.6 to 840.0	700.1 to 854.5	841.6 to 1005.0	711.4 to 905.2	728.8 to 889.2
R5 DSVR	538.2 (58.2)	792.9 (82.0)	541.7 (52.3)	573.0 (62.7)	596.7 (56.5)	573.1 (55.9)
95% CI	424.0 to 652.4	632.2 to 953.6	439.2 to 644.3	450.1 to 695.8	486.0 to 707.4	463.6 to 682.6
R6 DSVR	675.5 (22.2)	699.3 (30.0)	657.6 (21.4)	653.5 (22.1)	604.2 (20.5)	597.9 (21.2)
95% CI	631.9 to 719.0	640.4 to 758.1	615.6 to 699.5	610.2 to 696.9	564.0 to 644.5	556.4 to 639.3
R7 DSVR	819.2 (49.4)	757.3 (48.5)	938.8 (56.4)	978.4 (64.2)	1,080.9 (59.2)	1,077.2 (59.2)
95% CI	722.2 to 916.1	662.2 to 852.4	828.3 to 1049.2	852.6 to 1,104.1	964.9 to 1,196.9	961.2 to 1,193.2
R8 DSVR	844.2 (63.5)	709.9 (56.9)	823.0 (59.7)	916.0 (61.2)	791.6 (58.6)	869.0 (60.1)
95% CI	719.7 to 968.6	598.3 to 821.4	706.1 to 939.9	796.0 to 1,035.9	676.7 to 906.5	751.3 to 986.7
R9 DSVR	623.9 (69.8)	681.0 (69.6)	844.3 (84.1)	722.4 (76.8)	987.7 (90.0)	800.2 (78.3)
95% CI	487.0 to 760.8	544.5 to 817.4	679.4 to 1,009.2	571.8 to 872.9	811.4 to 1,164.1	646.7 to 953.6

Figure I.1: Population, ED mental health visits, and distinct children/youth making ED mental health visits by RHA of residence for each fiscal year.



J ED Visits Diagnosis Variation

Table J.1: Diagnostic ICD-10-CM codes for the case definition of mental health.

Short Title	Code	Classification
Substance use	F10.x, . . . , F19.x	Mental and behavioural disorders due to psychoactive substance use
Psychosis-related	F20.x, . . . , F29.x	Schizophrenia, schizotypal and delusional disorders
Mood	F30.x, . . . , F34.x, F38.x, F39.x	Mood disorders
Neurotic/stress-related	F40.x, F41.x, F42.x, F43.x	Neurotic, stress-related and somatoform disorders
Behavioural syndrome	F50.x, F55.x, F59.x	Behavioural syndromes associated with physiological disturbances and physical factors
Personality-related	F60.x, . . . , F69.x	Disorders of adult personality and behaviour
Behavioural/Emotional	F90.x, . . . , F94.x	Behavioural/emotional disorders
Unspecified	F99	Unspecified mental disorder
Self-harm	T71, X60, . . . , X84	Intentional self-harm

Table J.2: ED mental health visits and children/youth by diagnosis group for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
n	4,865	4,917	5,105	5,274	5,287	5,208	30,656
Substance use	962 (19.8)	1,121 (22.8)	1,273 (24.9)	1,356 (25.7)	1,409 (26.7)	1,354 (26.0)	7,475 (24.4)
Psychosis-related	- (3.2)	- (2.6)	- (2.3)	- (2.4)	- (2.3)	- (2.1)	759 (2.5)
Mood	821 (16.9)	806 (16.4)	876 (17.2)	838 (15.9)	878 (16.6)	874 (16.8)	5,093 (16.6)
Neurotic/stress-related	1,213 (24.9)	1,193 (24.3)	1,306 (25.6)	1,453 (27.6)	1,384 (26.2)	1,440 (27.6)	7,989 (26.1)
Behavioural syndrome	- (0.9)	- (0.9)	- (0.9)	- (0.8)	- (1.2)	- (1.2)	304 (1.0)
Personality-related	- (1.9)	- (2.2)	- (2.1)	- (2.1)	- (1.7)	- (1.7)	593 (1.9)
Behavioural/Emotional	651 (13.4)	672 (13.7)	579 (11.3)	618 (11.7)	584 (11.0)	599 (11.5)	3,703 (12.1)
Unspecified	- (0.2)	- (0.0)	- (0.3)	- (0.3)	- (0.2)	- (0.2)	64 (0.2)
Self-harm	915 (18.8)	845 (17.2)	790 (15.5)	714 (13.5)	739 (14.0)	673 (12.9)	4,676 (15.3)
Children/Youth							
Substance use	894	1,060	1,177	1,259	1,312	1,230	
Psychosis-related	124	96	98	107	98	89	
Mood	689	704	758	713	722	752	
Neurotic/stress-related	1,098	1,079	1,198	1,279	1,228	1,303	
Behavioural syndrome	42	41	40	38	57	52	
Personality-related	89	102	104	100	81	79	
Behavioural/Emotional	581	541	513	516	506	525	
Unspecified	11	-	13	14	13	11	
Self-harm	809	739	718	623	638	584	

Table J.3: ED mental health visits and children/youth by gender and diagnosis group for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
F n	2,867	2,837	2,968	3,117	3,114	3,040	17,943
Substance use	492 (17.2)	550 (19.4)	616 (20.8)	721 (23.1)	751 (24.1)	698 (23.0)	3,828 (21.3)
Psychosis-related	- (1.9)	- (1.4)	- (1.2)	- (1.6)	- (1.1)	- (1.5)	260 (1.4)
Mood	540 (18.8)	511 (18.0)	544 (18.3)	560 (18.0)	567 (18.2)	556 (18.3)	3,278 (18.3)
Neurotic/stress-related	779 (27.2)	758 (26.7)	852 (28.7)	911 (29.2)	861 (27.6)	899 (29.6)	5,060 (28.2)
Behavioural syndrome	- (1.3)	- (1.3)	- (1.5)	- (1.1)	- (1.8)	- (1.7)	265 (1.5)
Personality-related	- (1.6)	- (2.5)	- (2.1)	- (2.2)	- (2.2)	- (1.9)	374 (2.1)
Behavioural/Emotional	251 (8.8)	255 (9.0)	219 (7.4)	246 (7.9)	219 (7.0)	230 (7.6)	1,420 (7.9)
Unspecified	- (0.2)	- (-)	- (0.2)	- (-)	- (0.3)	- (0.3)	35 (0.2)
Self-harm	662 (23.1)	611 (21.5)	588 (19.8)	521 (16.7)	548 (17.6)	493 (16.2)	3,423 (19.1)
M n	1,998	2,080	2,137	2,157	2,173	2,168	12,713
Substance use	470 (23.5)	571 (27.5)	657 (30.7)	635 (29.4)	658 (30.3)	656 (30.3)	3,647 (28.7)
Psychosis-related	- (5.1)	- (4.2)	- (3.7)	- (3.7)	- (4.1)	- (2.9)	499 (3.9)
Mood	281 (14.1)	295 (14.2)	332 (15.5)	278 (12.9)	311 (14.3)	318 (14.7)	1,815 (14.3)
Neurotic/stress-related	434 (21.7)	435 (20.9)	454 (21.2)	542 (25.1)	523 (24.1)	541 (25.0)	2,929 (23.0)
Behavioural syndrome	- (0.4)	- (0.3)	- (-)	- (0.2)	- (0.4)	- (0.5)	39 (0.3)
Personality-related	- (2.3)	- (1.7)	- (2.1)	- (2.0)	- (1.1)	- (1.3)	219 (1.7)
Behavioural/Emotional	400 (20.0)	417 (20.0)	360 (16.8)	372 (17.2)	365 (16.8)	369 (17.0)	2,283 (18.0)
Unspecified	- (0.3)	0 (0.0)	- (0.3)	- (0.5)	- (-)	- (-)	29 (0.2)
Self-harm	253 (12.7)	234 (11.2)	202 (9.5)	193 (8.9)	191 (8.8)	180 (8.3)	1,253 (9.9)

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	02/03	03/04	04/05	05/06	06/07	07/08	All
Children/Youth							
F Substance use	457	516	566	666	688	631	
Psychosis-related	50	35	34	38	31	39	
Mood	445	445	472	470	453	478	
Neurotic/stress-related	722	680	784	810	763	811	
Behavioural syndrome	34	35	39	33	48	45	
Personality-related	44	68	61	58	59	51	
Behavioural/Emotional	222	218	198	203	186	206	
Unspecified	5	-	6	-	9	9	
Self-harm	577	524	529	442	465	426	
M Substance use	437	544	611	593	624	599	
Psychosis-related	74	61	64	69	67	50	
Mood	244	259	286	243	269	274	
Neurotic/stress-related	376	399	414	469	465	492	
Behavioural syndrome	8	6	-	5	9	7	
Personality-related	45	34	43	42	22	28	
Behavioural/Emotional	359	323	315	313	320	319	
Unspecified	6	0	7	10	-	-	
Self-harm	232	215	189	181	173	158	

Table J.4: ED mental health visits and children/youth by age group and diagnosis group for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
00-04 n	58	63	52	46	49	69	337
Substance use	- (8.6)	- (-)	- (-)	- (-)	- (-)	- (-)	16 (4.7)
Psychosis-related	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	- (-)	0 (0.0)	- (-)
Mood	- (-)	- (-)	- (-)	0 (0.0)	- (-)	- (-)	8 (2.4)
Neurotic/stress-related	20 (34.5)	16 (25.4)	21 (40.4)	15 (32.6)	25 (51.0)	16 (23.2)	113 (33.5)
Behavioural syndrome	- (-)	- (-)	0 (0.0)	- (-)	5 (10.2)	8 (11.6)	24 (7.1)
Personality-related	- (-)	0 (0.0)	- (-)	- (-)	0 (0.0)	- (-)	7 (2.1)
Behavioural/Emotional	22 (37.9)	35 (55.6)	17 (32.7)	19 (41.3)	11 (22.4)	36 (52.2)	140 (41.5)
Unspecified	0 (0.0)	0 (0.0)	- (-)	0 (0.0)	0 (0.0)	0 (0.0)	- (-)
Self-harm	- (-)	- (7.9)	- (15.4)	- (-)	- (-)	- (-)	26 (7.7)
05-09 n	229	200	228	260	231	227	1,375
Substance use	- (3.5)	- (-)	- (-)	- (-)	0 (0.0)	- (-)	17 (1.2)
Psychosis-related	- (-)	- (-)	- (-)	0 (0.0)	- (-)	0 (0.0)	12 (0.9)
Mood	12 (5.2)	9 (4.5)	13 (5.7)	21 (8.1)	17 (7.4)	9 (4.0)	81 (5.9)
Neurotic/stress-related	67 (29.3)	79 (39.5)	80 (35.1)	96 (36.9)	78 (33.8)	100 (44.1)	500 (36.4)
Behavioural syndrome	0 (0.0)	- (-)	0 (0.0)	5 (1.9)	- (-)	0 (0.0)	9 (0.7)
Personality-related	- (-)	- (-)	8 (3.5)	- (-)	- (-)	- (-)	27 (2.0)
Behavioural/Emotional	128 (55.9)	94 (47.0)	116 (50.9)	128 (49.2)	121 (52.4)	110 (48.5)	697 (50.7)
Unspecified	0 (0.0)	- (-)	- (-)	- (-)	- (-)	0 (0.0)	5 (0.4)
Self-harm	- (3.1)	- (-)	- (2.6)	- (-)	- (2.6)	- (-)	27 (2.0)
10-14 n	1,560	1,572	1,648	1,740	1,720	1,595	9,835
Substance use	236 (15.1)	300 (19.1)	309 (18.8)	364 (20.9)	348 (20.2)	326 (20.4)	1,883 (19.1)
Psychosis-related	- (2.5)	- (1.1)	- (2.1)	- (2.2)	- (1.3)	- (1.4)	174 (1.8)
Mood	264 (16.9)	249 (15.8)	275 (16.7)	276 (15.9)	306 (17.8)	254 (15.9)	1,624 (16.5)
Neurotic/stress-related	374 (24.0)	360 (22.9)	439 (26.6)	485 (27.9)	485 (28.2)	449 (28.2)	2,592 (26.4)
Behavioural syndrome	- (0.6)	- (0.4)	- (1.1)	- (0.3)	- (0.8)	- (1.4)	76 (0.8)

Continued on next page

	02/03	03/04	04/05	05/06	06/07	07/08	All
Personality-related	- (2.5)	- (2.0)	- (2.2)	- (2.1)	- (2.6)	- (1.8)	218 (2.2)
Behavioural/Emotional	317 (20.3)	360 (22.9)	299 (18.1)	330 (19.0)	288 (16.7)	312 (19.6)	1,906 (19.4)
Unspecified	- (0.4)	0 (0.0)	- (0.3)	- (-)	- (-)	- (-)	23 (0.2)
Self-harm	275 (17.6)	247 (15.7)	232 (14.1)	200 (11.5)	210 (12.2)	175 (11.0)	1,339 (13.6)
15-17 n	3,018	3,082	3,177	3,228	3,287	3,317	19,109
Substance use	713 (23.6)	814 (26.4)	962 (30.3)	988 (30.6)	1,060 (32.2)	1,022 (30.8)	5,559 (29.1)
Psychosis-related	114 (3.8)	108 (3.5)	79 (2.5)	90 (2.8)	96 (2.9)	85 (2.6)	572 (3.0)
Mood	543 (18.0)	547 (17.7)	586 (18.4)	541 (16.8)	553 (16.8)	610 (18.4)	3,380 (17.7)
Neurotic/stress-related	752 (24.9)	738 (23.9)	766 (24.1)	857 (26.5)	796 (24.2)	875 (26.4)	4,784 (25.0)
Behavioural syndrome	- (1.0)	- (1.0)	- (0.9)	- (0.8)	- (1.4)	- (1.0)	195 (1.0)
Personality-related	- (1.5)	- (2.3)	- (1.9)	- (2.1)	- (1.3)	- (1.6)	341 (1.8)
Behavioural/Emotional	184 (6.1)	183 (5.9)	147 (4.6)	141 (4.4)	164 (5.0)	141 (4.2)	960 (5.0)
Unspecified	- (0.2)	- (0.0)	- (0.2)	- (0.2)	- (0.2)	- (0.2)	34 (0.2)
Self-harm	630 (20.9)	589 (19.1)	544 (17.1)	509 (15.8)	519 (15.8)	493 (14.9)	3,284 (17.2)
Children/Youth							
00-04 Substance use	5	-	-	-	-	-	
Psychosis-related	0	0	0	0	-	0	
Mood	-	-	-	0	-	-	
Neurotic/stress-related	20	16	21	15	25	16	
Behavioural syndrome	-	-	0	-	5	8	
Personality-related	-	0	-	-	0	-	
Behavioural/Emotional	22	32	17	19	11	36	
Unspecified	0	0	-	0	0	0	
Self-harm	-	5	7	-	-	-	
05-09 Substance use	7	-	-	-	0	-	
Psychosis-related	-	-	-	0	-	0	
Mood	10	9	13	19	14	9	
Neurotic/stress-related	65	76	78	84	75	98	
Behavioural syndrome	0	-	0	5	-	0	
Personality-related	-	-	8	-	-	-	

Continued on next page

	02/03	03/04	04/05	05/06	06/07	07/08	All
Behavioural/ Emotional	113	84	102	95	98	97	
Unspecified	0	-	-	-	-	0	
Self-harm	6	-	6	-	5	-	
10-14 Substance use	221	286	298	341	334	303	
Psychosis- related	31	15	32	33	17	21	
Mood	226	228	254	239	242	223	
Neurotic/stress- related	348	335	405	449	436	422	
Behavioural syndrome	10	7	16	5	11	20	
Personality- related	38	32	37	34	40	29	
Behavioural/ Emotional	282	274	270	276	248	265	
Unspecified	6	0	5	-	-	-	
Self-harm	243	222	215	171	184	160	
15-17 Substance use	664	769	878	917	981	923	
Psychosis- related	92	79	63	74	76	68	
Mood	454	467	491	460	466	522	
Neurotic/stress- related	667	653	694	735	696	774	
Behavioural syndrome	28	28	24	24	40	24	
Personality- related	45	67	58	59	38	46	
Behavioural/ Emotional	164	154	125	131	150	130	
Unspecified	5	-	5	8	8	7	
Self-harm	561	510	494	448	447	422	

Table J.5: ED mental health visits and children/youth by pSES and diagnosis group for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All
ED Visits							
A n	581	627	725	740	791	766	4,230
Substance use	165 (28.4)	225 (35.9)	247 (34.1)	286 (38.6)	303 (38.3)	289 (37.7)	1,515 (35.8)
Psychosis-related	- (5.2)	- (2.9)	- (3.7)	- (2.8)	- (3.5)	- (2.7)	145 (3.4)
Mood	74 (12.7)	75 (12.0)	63 (8.7)	83 (11.2)	89 (11.3)	93 (12.1)	477 (11.3)
Neurotic/stress-related	139 (23.9)	152 (24.2)	197 (27.2)	149 (20.1)	163 (20.6)	167 (21.8)	967 (22.9)
Behavioural syndrome	- (-)	- (-)	0 (0.0)	0 (0.0)	- (1.0)	0 (0.0)	15 (0.4)
Personality-related	- (-)	- (2.4)	- (1.7)	- (2.0)	- (2.0)	- (1.7)	75 (1.8)
Behavioural/Emotional	48 (8.3)	41 (6.5)	39 (5.4)	59 (8.0)	45 (5.7)	54 (7.0)	286 (6.8)
Unspecified	- (-)	0 (0.0)	- (-)	- (-)	- (-)	- (-)	8 (0.2)
Self-harm	114 (19.6)	98 (15.6)	139 (19.2)	125 (16.9)	138 (17.4)	128 (16.7)	742 (17.5)
R n	3,121	3,079	3,174	3,222	3,136	2,983	18,715
Substance use	595 (19.1)	692 (22.5)	747 (23.5)	805 (25.0)	785 (25.0)	731 (24.5)	4,355 (23.3)
Psychosis-related	- (3.3)	- (2.4)	- (2.0)	- (2.0)	- (2.0)	- (1.7)	416 (2.2)
Mood	572 (18.3)	564 (18.3)	612 (19.3)	547 (17.0)	586 (18.7)	562 (18.8)	3,443 (18.4)
Neurotic/stress-related	799 (25.6)	767 (24.9)	814 (25.6)	948 (29.4)	883 (28.2)	887 (29.7)	5,098 (27.2)
Behavioural syndrome	- (1.1)	- (0.9)	- (1.4)	- (1.1)	- (1.6)	- (1.5)	235 (1.3)
Personality-related	- (1.8)	- (2.1)	- (2.1)	- (1.6)	- (1.8)	- (1.7)	343 (1.8)
Behavioural/Emotional	367 (11.8)	356 (11.6)	329 (10.4)	352 (10.9)	320 (10.2)	285 (9.6)	2,009 (10.7)
Unspecified	- (0.2)	- (0.0)	- (0.3)	- (0.2)	- (0.3)	- (0.2)	37 (0.2)
Self-harm	590 (18.9)	533 (17.3)	490 (15.4)	414 (12.8)	384 (12.2)	369 (12.4)	2,780 (14.9)
S n	830	911	896	996	1,018	1,088	5,739
Substance use	146 (17.6)	147 (16.1)	218 (24.3)	206 (20.7)	240 (23.6)	253 (23.3)	1,210 (21.1)
Psychosis-related	- (1.9)	- (2.2)	- (2.5)	- (3.0)	- (2.0)	- (2.3)	133 (2.3)
Mood	127 (15.3)	122 (13.4)	137 (15.3)	149 (15.0)	166 (16.3)	172 (15.8)	873 (15.2)
Neurotic/stress-related	190 (22.9)	204 (22.4)	220 (24.6)	277 (27.8)	251 (24.7)	292 (26.8)	1,434 (25.0)
Behavioural syndrome	- (0.7)	- (1.2)	- (-)	- (-)	- (0.7)	- (1.1)	40 (0.7)

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	02/03	03/04	04/05	05/06	06/07	07/08	All
Personality-related	- (2.8)	- (2.7)	- (1.9)	- (3.4)	- (1.8)	- (1.8)	137 (2.4)
Behavioural/Emotional	172 (20.7)	221 (24.3)	163 (18.2)	158 (15.9)	157 (15.4)	174 (16.0)	1,045 (18.2)
Unspecified	- (-)	- (-)	- (-)	- (0.5)	0 (0.0)	- (-)	12 (0.2)
Self-harm	149 (18.0)	160 (17.6)	116 (12.9)	135 (13.6)	159 (15.6)	136 (12.5)	855 (14.9)
W n	333	300	310	316	342	371	1,972
Substance use	56 (16.8)	57 (19.0)	61 (19.7)	59 (18.7)	81 (23.7)	81 (21.8)	395 (20.0)
Psychosis-related	- (2.4)	- (5.3)	- (-)	- (4.4)	- (3.2)	- (3.2)	65 (3.3)
Mood	48 (14.4)	45 (15.0)	64 (20.6)	59 (18.7)	37 (10.8)	47 (12.7)	300 (15.2)
Neurotic/stress-related	85 (25.5)	70 (23.3)	75 (24.2)	79 (25.0)	87 (25.4)	94 (25.3)	490 (24.8)
Behavioural syndrome	- (-)	- (-)	- (-)	- (-)	- (-)	- (1.9)	14 (0.7)
Personality-related	- (2.1)	- (-)	- (3.2)	- (4.1)	- (-)	- (-)	38 (1.9)
Behavioural/Emotional	64 (19.2)	54 (18.0)	48 (15.5)	49 (15.5)	62 (18.1)	86 (23.2)	363 (18.4)
Unspecified	- (-)	0 (0.0)	- (-)	- (-)	- (-)	0 (0.0)	7 (0.4)
Self-harm	62 (18.6)	54 (18.0)	45 (14.5)	40 (12.7)	58 (17.0)	41 (11.1)	300 (15.2)
Children/Youth							
A Substance use	152	202	216	260	264	255	
Psychosis-related	23	14	18	16	20	18	
Mood	64	67	57	69	76	78	
Neurotic/stress-related	120	132	164	135	139	154	
Behavioural syndrome	-	-	0	0	7	0	
Personality-related	-	14	12	14	13	13	
Behavioural/Emotional	44	36	38	49	39	51	
Unspecified	-	0	-	-	-	-	
Self-harm	107	86	125	116	118	114	
R Substance use	560	666	707	764	760	687	
Psychosis-related	82	57	59	51	51	43	
Mood	484	493	529	469	472	478	
Neurotic/stress-related	736	699	763	843	792	803	
Behavioural syndrome	30	27	37	35	43	38	
Personality-related	55	61	65	49	48	44	

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	02/03	03/04	04/05	05/06	06/07	07/08	All
Behavioural/ Emotional	340	315	300	296	277	263	
Unspecified	6	-	9	5	10	6	
Self-harm	527	489	443	372	346	320	
S Substance use	132	137	196	183	218	214	
Psychosis- related	12	13	17	28	19	17	
Mood	102	103	122	133	137	152	
Neurotic/stress- related	168	180	197	236	224	258	
Behavioural syndrome	6	10	-	-	5	11	
Personality- related	23	24	17	25	18	19	
Behavioural/ Emotional	139	147	132	127	135	143	
Unspecified	-	-	-	5	0	-	
Self-harm	125	120	106	101	126	117	
W Substance use	50	55	58	52	70	74	
Psychosis- related	7	12	-	12	8	11	
Mood	39	41	50	42	37	44	
Neurotic/stress- related	74	68	74	65	73	88	
Behavioural syndrome	-	-	-	-	-	-	
Personality- related	7	-	10	12	-	-	
Behavioural/ Emotional	58	43	43	44	55	68	
Unspecified	-	0	-	-	-	0	
Self-harm	50	44	44	34	48	33	

A=Aboriginal, R=Registrant without Subsidy, S=Government Sponsored Programs, W=Welfare

Table J.6: ED mental health visits and children/youth by RHA and diagnosis group for each fiscal year and all years combined.

	02/03	03/04	04/05	05/06	06/07	07/08	All	
ED Visits								
R1 n	217	228	265	221	279	293	1,503	
Substance use	53 (24.4)	54 (23.7)	64 (24.2)	60 (27.1)	85 (30.5)	79 (27.0)	395	(26.3)
Psychosis-related	- (2.8)	- (2.6)	- (4.5)	- (-)	- (1.8)	- (1.7)	35	(2.3)
Mood	49 (22.6)	42 (18.4)	45 (17.0)	44 (19.9)	51 (18.3)	52 (17.7)	283	(18.8)
Neurotic/stress-related	78 (35.9)	68 (29.8)	89 (33.6)	61 (27.6)	83 (29.7)	96 (32.8)	475	(31.6)
Behavioural syndrome	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	10	(0.7)
Personality-related	- (-)	- (3.5)	- (-)	- (-)	- (2.2)	- (-)	25	(1.7)
Behavioural/Emotional	24 (11.1)	18 (7.9)	18 (6.8)	14 (6.3)	16 (5.7)	15 (5.1)	105	(7.0)
Unspecified	0 (0.0)	0 (0.0)	- (-)	0 (0.0)	- (-)	- (-)	-	(0.4)
Self-harm	- (-)	31 (13.6)	31 (11.7)	34 (15.4)	30 (10.8)	39 (13.3)	169	(11.2)
R2 n	139	149	169	180	161	189	987	
Substance use	38 (27.3)	39 (26.2)	53 (31.4)	49 (27.2)	54 (33.5)	47 (24.9)	280	(28.4)
Psychosis-related	- (-)	- (-)	0 (0.0)	- (-)	- (-)	- (-)	10	(1.0)
Mood	30 (21.6)	30 (20.1)	24 (14.2)	35 (19.4)	34 (21.1)	23 (12.2)	176	(17.8)
Neurotic/stress-related	24 (17.3)	36 (24.2)	54 (32.0)	53 (29.4)	43 (26.7)	67 (35.4)	277	(28.1)
Behavioural syndrome	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	12	(1.2)
Personality-related	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	20	(2.0)
Behavioural/Emotional	15 (10.8)	7 (4.7)	13 (7.7)	10 (5.6)	10 (6.2)	18 (9.5)	73	(7.4)
Unspecified	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	- (-)	- (-)	-	(-)
Self-harm	25 (18.0)	27 (18.1)	22 (13.0)	27 (15.0)	11 (6.8)	25 (13.2)	137	(13.9)
R3 n	1,328	1,313	1,426	1,481	1,548	1,476	8,572	
Substance use	188 (14.2)	241 (18.4)	288 (20.2)	266 (18.0)	291 (18.8)	319 (21.6)	1,593	(18.6)
Psychosis-related	- (3.0)	- (3.1)	- (2.7)	- (2.3)	- (2.3)	- (2.5)	227	(2.6)
Mood	244 (18.4)	234 (17.8)	273 (19.1)	254 (17.2)	312 (20.2)	260 (17.6)	1,577	(18.4)
Neurotic/stress-related	344 (25.9)	323 (24.6)	358 (25.1)	422 (28.5)	436 (28.2)	431 (29.2)	2,314	(27.0)
Behavioural syndrome	- (1.1)	- (0.8)	- (1.8)	- (1.1)	- (2.3)	- (1.9)	131	(1.5)

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	02/03	03/04	04/05	05/06	06/07	07/08	All
Personality-related	- (1.5)	- (1.6)	- (1.3)	- (2.4)	- (0.8)	- (1.5)	130 (1.5)
Behavioural/Emotional	264 (19.9)	249 (19.0)	246 (17.3)	292 (19.7)	260 (16.8)	203 (13.8)	1,514 (17.7)
Unspecified	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	16 (0.2)
Self-harm	210 (15.8)	192 (14.6)	177 (12.4)	157 (10.6)	161 (10.4)	173 (11.7)	1,070 (12.5)
R4 n	589	590	597	706	622	622	3,726
Substance use	116 (19.7)	160 (27.1)	140 (23.5)	195 (27.6)	187 (30.1)	150 (24.1)	948 (25.4)
Psychosis-related	- (2.9)	- (1.7)	- (2.5)	- (1.7)	- (1.4)	- (-)	- (1.8)
Mood	110 (18.7)	103 (17.5)	121 (20.3)	128 (18.1)	88 (14.1)	108 (17.3)	658 (17.7)
Neurotic/stress-related	154 (26.1)	158 (26.8)	150 (25.1)	207 (29.3)	173 (27.8)	209 (33.5)	1,051 (28.2)
Behavioural syndrome	- (-)	- (1.5)	- (-)	- (-)	- (1.1)	- (-)	27 (0.7)
Personality-related	- (1.9)	- (1.0)	- (2.7)	- (2.3)	- (2.3)	- (1.8)	74 (2.0)
Behavioural/Emotional	43 (7.3)	43 (7.3)	45 (7.5)	56 (7.9)	61 (9.8)	61 (9.8)	309 (8.3)
Unspecified	- (-)	0 (0.0)	- (-)	- (-)	- (-)	- (-)	- (0.2)
Self-harm	135 (22.9)	101 (17.1)	105 (17.6)	87 (12.3)	81 (13.0)	74 (12.0)	583 (15.7)
R5 n	153	219	154	162	173	164	1,025
Substance use	38 (24.8)	34 (15.5)	31 (20.1)	30 (18.5)	32 (18.5)	32 (19.5)	197 (19.2)
Psychosis-related	- (-)	- (3.7)	- (-)	- (-)	- (5.8)	- (-)	29 (2.8)
Mood	28 (18.3)	48 (21.9)	41 (26.6)	24 (14.8)	25 (14.5)	37 (22.6)	203 (19.8)
Neurotic/stress-related	40 (26.1)	60 (27.4)	49 (31.8)	67 (41.4)	56 (32.4)	52 (31.7)	324 (31.6)
Behavioural syndrome	- (-)	- (3.2)	- (-)	0 (0.0)	- (-)	- (-)	15 (1.5)
Personality-related	- (4.6)	- (2.7)	- (-)	- (4.3)	- (-)	- (-)	31 (3.0)
Behavioural/Emotional	11 (7.2)	18 (8.2)	11 (7.1)	14 (8.6)	14 (8.1)	15 (9.1)	83 (8.1)
Unspecified	- (-)	0 (0.0)	- (-)	0 (0.0)	- (-)	0 (0.0)	- (-)
Self-harm	23 (15.0)	38 (17.4)	13 (8.4)	17 (10.5)	28 (16.2)	21 (12.8)	140 (13.7)
R6 n	1,582	1,642	1,545	1,551	1,455	1,437	9,212
Substance use	349 (22.1)	411 (25.0)	448 (29.0)	479 (30.9)	474 (32.6)	434 (30.2)	2,595 (28.2)
Psychosis-related	- (3.3)	- (2.8)	- (2.1)	- (3.4)	- (2.5)	- (2.2)	250 (2.7)
Mood	192 (12.1)	222 (13.5)	220 (14.2)	190 (12.3)	170 (11.7)	216 (15.0)	1,210 (13.1)
Neurotic/stress-related	305 (19.3)	307 (18.7)	312 (20.2)	360 (23.2)	303 (20.8)	296 (20.6)	1,883 (20.4)
Behavioural syndrome	- (0.8)	- (0.3)	- (0.7)	- (0.7)	- (-)	- (0.8)	53 (0.6)

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	02/03	03/04	04/05	05/06	06/07	07/08	All
Personality-related	- (2.0)	- (2.4)	- (2.4)	- (2.1)	- (1.6)	- (1.5)	185 (2.0)
Behavioural/Emotional	242 (15.3)	281 (17.1)	187 (12.1)	166 (10.7)	167 (11.5)	201 (14.0)	1,244 (13.5)
Unspecified	- (-)	0 (0.0)	- (-)	- (0.3)	- (-)	- (-)	18 (0.2)
Self-harm	394 (24.9)	331 (20.2)	294 (19.0)	256 (16.5)	274 (18.8)	225 (15.7)	1,774 (19.3)
R7 n	420	377	473	487	541	524	2,822
Substance use	108 (25.7)	88 (23.3)	134 (28.3)	143 (29.4)	177 (32.7)	160 (30.5)	810 (28.7)
Psychosis-related	- (5.5)	- (2.4)	- (1.9)	- (3.1)	- (1.5)	- (1.9)	74 (2.6)
Mood	79 (18.8)	63 (16.7)	70 (14.8)	82 (16.8)	88 (16.3)	104 (19.8)	486 (17.2)
Neurotic/stress-related	113 (26.9)	113 (30.0)	151 (31.9)	139 (28.5)	155 (28.7)	139 (26.5)	810 (28.7)
Behavioural syndrome	- (1.7)	- (-)	- (-)	- (-)	- (-)	- (1.1)	24 (0.9)
Personality-related	- (-)	- (1.9)	- (1.9)	- (1.4)	- (1.3)	- (-)	38 (1.3)
Behavioural/Emotional	19 (4.5)	29 (7.7)	30 (6.3)	33 (6.8)	31 (5.7)	47 (9.0)	189 (6.7)
Unspecified	- (-)	- (-)	- (-)	0 (0.0)	- (-)	- (-)	- (0.2)
Self-harm	66 (15.7)	63 (16.7)	67 (14.2)	66 (13.6)	69 (12.8)	53 (10.1)	384 (13.6)
R8 n	310	258	299	334	295	323	1,819
Substance use	48 (15.5)	63 (24.4)	72 (24.1)	96 (28.7)	77 (26.1)	85 (26.3)	441 (24.2)
Psychosis-related	- (2.9)	0 (0.0)	- (-)	- (-)	- (2.7)	- (2.5)	32 (1.8)
Mood	69 (22.3)	45 (17.4)	56 (18.7)	66 (19.8)	63 (21.4)	50 (15.5)	349 (19.2)
Neurotic/stress-related	106 (34.2)	82 (31.8)	80 (26.8)	88 (26.3)	67 (22.7)	94 (29.1)	517 (28.4)
Behavioural syndrome	- (-)	- (-)	- (-)	- (-)	- (1.7)	- (1.5)	20 (1.1)
Personality-related	- (2.6)	- (3.9)	- (3.0)	- (1.8)	- (2.0)	- (2.8)	48 (2.6)
Behavioural/Emotional	22 (7.1)	13 (5.0)	16 (5.4)	17 (5.1)	14 (4.7)	24 (7.4)	106 (5.8)
Unspecified	0 (0.0)	0 (0.0)	- (-)	- (-)	0 (0.0)	0 (0.0)	- (-)
Self-harm	45 (14.5)	42 (16.3)	58 (19.4)	55 (16.5)	55 (18.6)	48 (14.9)	303 (16.7)
R9 n	127	141	177	152	213	178	988
Substance use	24 (18.9)	31 (22.0)	43 (24.3)	38 (25.0)	32 (15.0)	48 (27.0)	216 (21.9)
Psychosis-related	- (3.9)	- (-)	- (-)	- (5.3)	- (3.8)	- (4.5)	35 (3.5)
Mood	20 (15.7)	19 (13.5)	26 (14.7)	15 (9.9)	47 (22.1)	23 (12.9)	150 (15.2)
Neurotic/stress-related	49 (38.6)	46 (32.6)	63 (35.6)	56 (36.8)	68 (31.9)	56 (31.5)	338 (34.2)
Behavioural syndrome	- (-)	- (-)	0 (0.0)	- (-)	- (-)	- (-)	12 (1.2)

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	02/03	03/04	04/05	05/06	06/07	07/08	All
Personality-related	- (-)	- (3.5)	- (4.0)	- (-)	- (6.1)	- (5.6)	42 (4.3)
Behavioural/Emotional	11 (8.7)	14 (9.9)	13 (7.3)	16 (10.5)	11 (5.2)	14 (7.9)	79 (8.0)
Unspecified	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Self-harm	13 (10.2)	20 (14.2)	23 (13.0)	15 (9.9)	30 (14.1)	15 (8.4)	116 (11.7)
Children/Youth							
R1 Substance use	50	54	57	59	79	71	
Psychosis-related	5	5	10	-	5	-	
Mood	39	40	39	40	47	42	
Neurotic/stress-related	70	66	84	61	75	85	
Behavioural syndrome	-	-	-	-	-	-	
Personality-related	-	6	-	-	6	-	
Behavioural/Emotional	21	15	18	14	16	14	
Unspecified	0	0	-	0	-	-	
Self-harm	-	27	29	31	28	38	
R2 Substance use	33	36	49	45	53	44	
Psychosis-related	-	-	0	-	-	-	
Mood	25	22	21	33	31	22	
Neurotic/stress-related	23	30	47	48	40	63	
Behavioural syndrome	-	-	0	-	-	-	
Personality-related	-	5	-	-	-	-	
Behavioural/Emotional	15	7	12	10	10	18	
Unspecified	0	0	0	0	-	-	
Self-harm	21	26	21	25	10	24	
R3 Substance use	177	231	268	251	282	297	
Psychosis-related	31	30	34	32	27	32	
Mood	216	215	244	217	235	229	
Neurotic/stress-related	310	302	335	358	380	394	
Behavioural syndrome	11	10	24	16	30	24	
Personality-related	20	21	17	26	11	20	
Behavioural/Emotional	232	215	210	226	215	178	

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	02/03	03/04	04/05	05/06	06/07	07/08	All
Unspecified	-	-	-	-	-	-	
Self-harm	192	182	168	141	148	141	
R4 Substance use	110	150	134	189	175	143	
Psychosis-related	15	9	11	10	8	-	
Mood	91	88	100	106	70	89	
Neurotic/stress-related	139	141	139	190	149	187	
Behavioural syndrome	-	9	-	-	6	-	
Personality-related	10	6	16	15	10	11	
Behavioural/Emotional	37	40	42	50	53	55	
Unspecified	-	0	-	-	-	-	
Self-harm	116	88	96	78	62	65	
R5 Substance use	50	54	57	59	79	71	
Psychosis-related	5	5	10	-	5	-	
Mood	39	40	39	40	47	42	
Neurotic/stress-related	70	66	84	61	75	85	
Behavioural syndrome	-	-	-	-	-	-	
Personality-related	-	6	-	-	6	-	
Behavioural/Emotional	21	15	18	14	16	14	
Unspecified	0	0	-	0	-	-	
Self-harm	-	27	29	31	28	38	
R6 Substance use	33	36	49	45	53	44	
Psychosis-related	-	-	0	-	-	-	
Mood	25	22	21	33	31	22	
Neurotic/stress-related	23	30	47	48	40	63	
Behavioural syndrome	-	-	0	-	-	-	
Personality-related	-	5	-	-	-	-	
Behavioural/Emotional	15	7	12	10	10	18	
Unspecified	0	0	0	0	-	-	
Self-harm	21	26	21	25	10	24	
R7 Substance use	177	231	268	251	282	297	
Psychosis-related	31	30	34	32	27	32	

Continued on next page

	02/03	03/04	04/05	05/06	06/07	07/08	All
Mood	216	215	244	217	235	229	
Neurotic/stress-related	310	302	335	358	380	394	
Behavioural syndrome	11	10	24	16	30	24	
Personality-related	20	21	17	26	11	20	
Behavioural/Emotional	232	215	210	226	215	178	
Unspecified	-	-	-	-	-	-	
Self-harm	192	182	168	141	148	141	
R8 Substance use	110	150	134	189	175	143	
Psychosis-related	15	9	11	10	8	-	
Mood	91	88	100	106	70	89	
Neurotic/stress-related	139	141	139	190	149	187	
Behavioural syndrome	-	9	-	-	6	-	
Personality-related	10	6	16	15	10	11	
Behavioural/Emotional	37	40	42	50	53	55	
Unspecified	-	0	-	-	-	-	
Self-harm	116	88	96	78	62	65	
R9 Substance use	110	150	134	189	175	143	
Psychosis-related	15	9	11	10	8	-	
Mood	91	88	100	106	70	89	
Neurotic/stress-related	139	141	139	190	149	187	
Behavioural syndrome	-	9	-	-	6	-	
Personality-related	10	6	16	15	10	11	
Behavioural/Emotional	37	40	42	50	53	55	
Unspecified	-	0	-	-	-	-	
Self-harm	116	88	96	78	62	65	

R1=Chinook Regional Health Authority, R2=Palliser Health Region, R3=Calgary Health Region, R4=David Thompson Regional Health Authority, R5=East Central Health, R6=Capital Health, R7=Aspen Regional Health, R8=Peace Country Health, R9=Northern Lights Health Region

Figure J.1: ED mental health visits by diagnosis group and fiscal year.

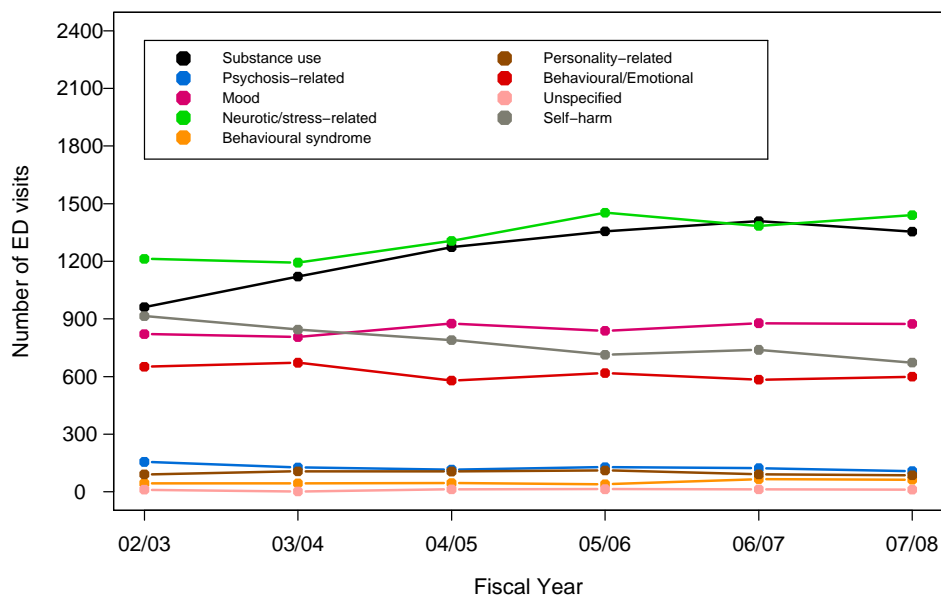


Figure J.2: ED mental health visits by diagnosis group and month.

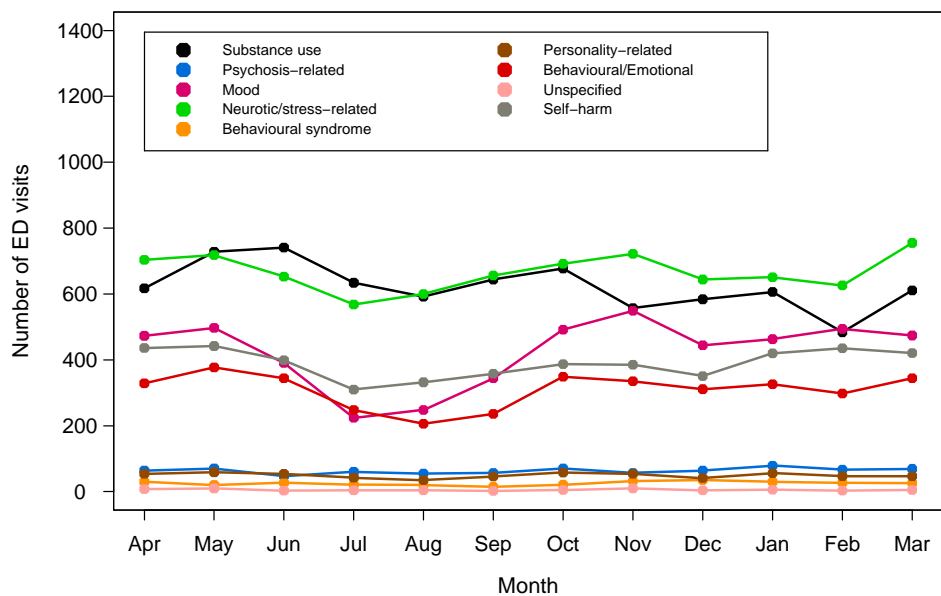


Figure J.3: ED mental health visits by diagnosis group and day of week.

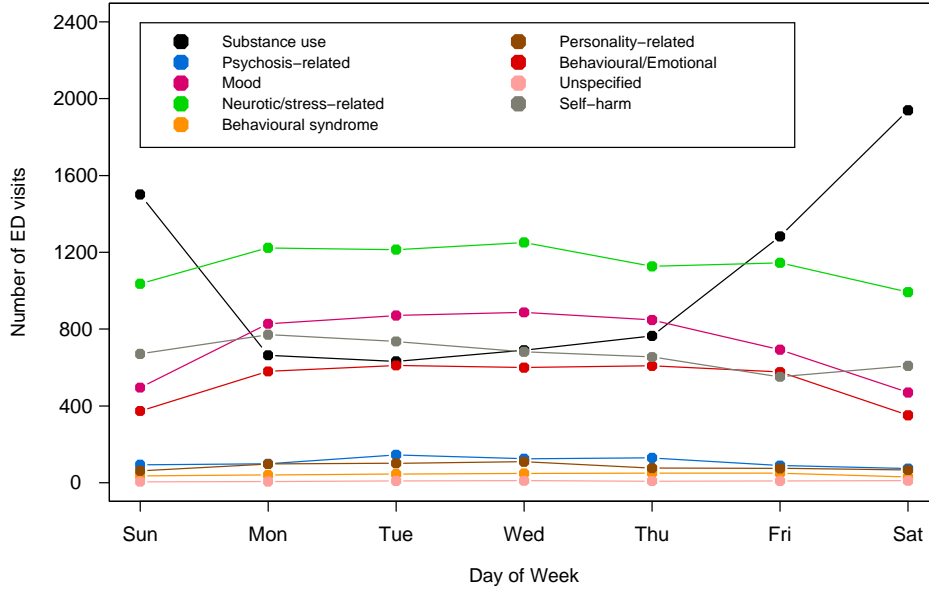


Figure J.4: ED mental health visits by diagnosis group and hour of day.

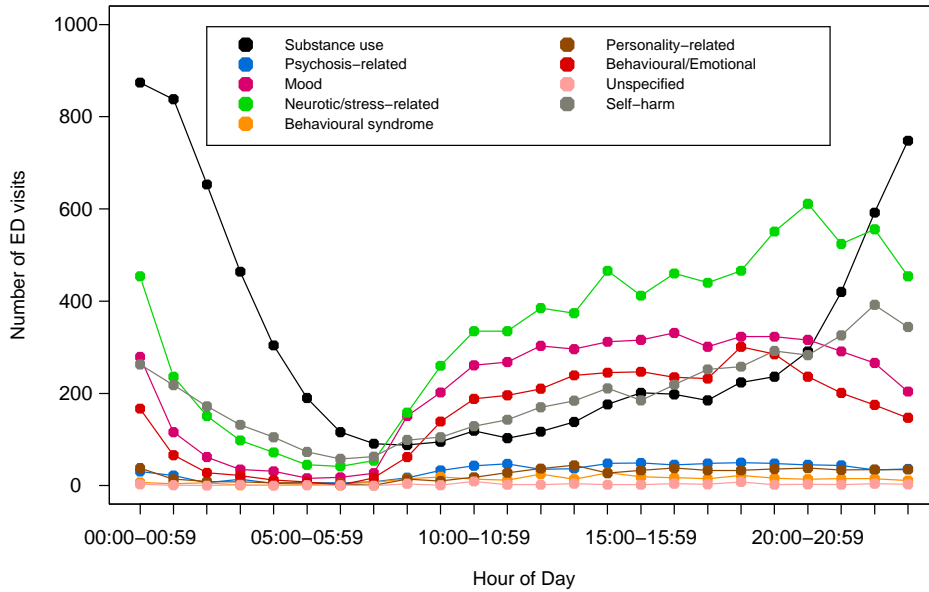


Table J.7: Gender and age group directly standardized visit rates (DSVRs) per 100,000 population by diagnosis group for each fiscal year. Standard errors (SEs) and 95% confidence intervals (CIs) are provided.

	02/03	03/04	04/05	05/06	06/07	07/08
Substance use						
DSVR (SE)	124.3 (4.3)	144.6 (4.6)	162.6 (5.0)	171.3 (5.0)	175.5 (5.0)	169.4 (5.1)
95% CI	[115.8, 132.7]	[135.5, 153.6]	[152.8, 172.3]	[161.5, 181.2]	[165.7, 185.4]	[159.5, 179.3]
Psychosis-related						
DSVR (SE)	20.2 (2.0)	16.4 (1.9)	14.9 (1.6)	16.3 (1.7)	15.3 (1.7)	13.5 (1.6)
95% CI	[16.2, 24.1]	[12.6, 20.1]	[11.7, 18.1]	[13.0, 19.7]	[11.9, 18.7]	[10.4, 16.6]
Mood						
DSVR (SE)	106.1 (4.4)	103.9 (4.3)	112.2 (4.4)	106.3 (4.3)	110.3 (4.7)	109.8 (4.3)
95% CI	[97.5, 114.6]	[95.6, 112.3]	[103.6, 120.8]	[97.9, 114.7]	[101.2, 119.4]	[101.4, 118.3]
Neurotic/stress-related						
DSVR (SE)	156.7 (5.1)	153.9 (5.0)	167.6 (5.1)	184.8 (5.7)	174.1 (5.3)	181.3 (5.4)
95% CI	[146.6, 166.8]	[144.0, 163.8]	[157.6, 177.7]	[173.6, 195.9]	[163.7, 184.4]	[170.8, 191.8]
Behavioural syndrome						
DSVR (SE)	5.8 (0.9)	5.7 (0.9)	5.9 (1.0)	5.0 (0.8)	8.2 (1.2)	7.9 (1.2)
95% CI	[4.0, 7.7]	[3.9, 7.4]	[4.0, 7.8]	[3.4, 6.7]	[5.8, 10.5]	[5.5, 10.2]
Personality-related						
DSVR (SE)	11.8 (1.3)	13.8 (1.4)	13.6 (1.3)	14.2 (1.7)	11.6 (1.4)	10.8 (1.3)
95% CI	[9.3, 14.2]	[11.1, 16.5]	[11.0, 16.3]	[10.9, 17.5]	[8.9, 14.2]	[8.3, 13.4]
Behavioural/Emotional						
DSVR (SE)	84.1 (3.7)	87.0 (6.0)	75.1 (3.6)	80.0 (4.0)	74.7 (3.8)	76.4 (3.6)
95% CI	[76.8, 91.4]	[75.1, 98.8]	[68.2, 82.1]	[72.2, 87.9]	[67.3, 82.1]	[69.4, 83.5]
Unspecified						
DSVR (SE)	1.4 (0.4)	0.3 (0.2)	1.7 (0.5)	1.8 (0.5)	1.6 (0.5)	1.4 (0.4)
95% CI	[0.6, 2.3]	[0.0, 0.6]	[0.8, 2.6]	[0.8, 2.7]	[0.7, 2.5]	[0.6, 2.2]
Self-harm						
DSVR (SE)	118.2 (4.5)	108.9 (4.6)	101.0 (4.0)	90.2 (4.1)	92.4 (4.2)	84.3 (3.8)
95% CI	[109.3, 127.0]	[99.9, 117.9]	[93.1, 108.9]	[82.2, 98.2]	[84.2, 100.5]	[76.9, 91.7]

Figure J.5: Gender and age group directly standardized visit rates (DSVRs) per 100,000 population by diagnosis group and 95% confidence intervals for each fiscal year.

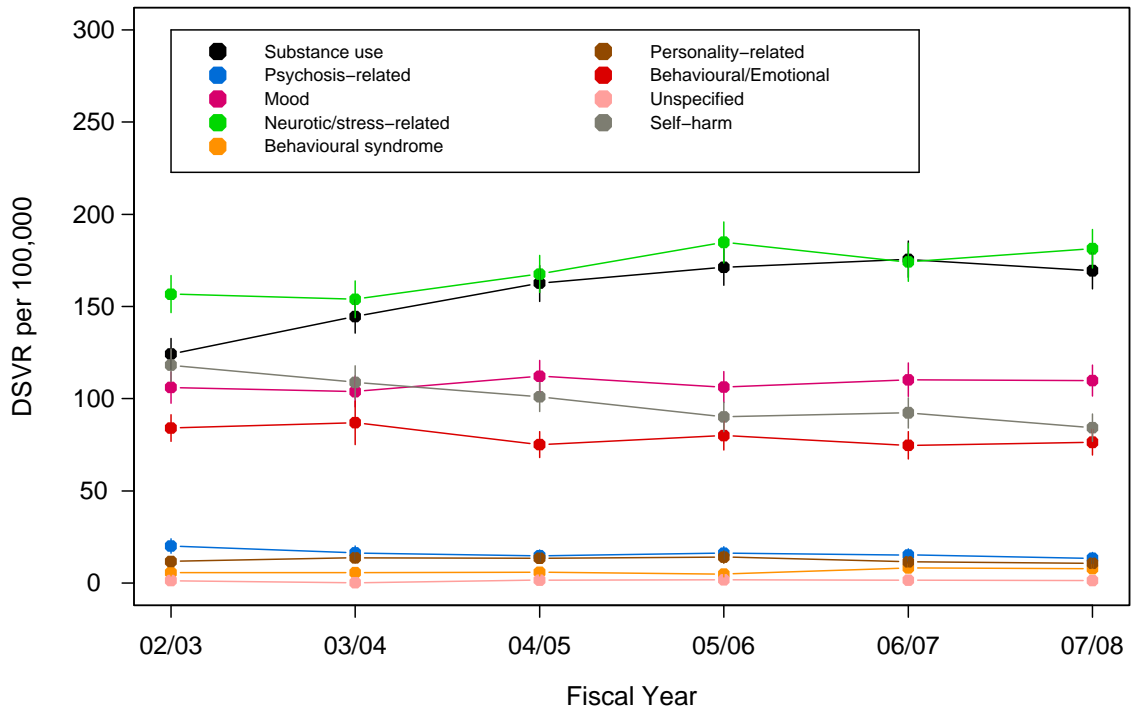


Table J.8: Age group and gender specific ED visit rates by diagnosis group per 100,000 population.

		02/03	03/04	04/05	05/06	06/07	07/08
F 00-04	Substance use	3.1	3.1	0.0	0.0	0.9	0.9
	Psychosis-related	0.0	0.0	0.0	0.0	0.0	0.0
	Mood	2.1	0.0	1.0	0.0	1.9	0.0
	Neurotic/stress-related	9.4	8.3	16.5	11.9	9.4	6.3
	Behavioural syndrome	3.1	1.0	0.0	2.0	1.9	3.6
	Personality-related	1.0	0.0	1.0	2.0	0.0	0.9
	Behavioural/Emotional	10.5	14.6	3.1	7.0	3.8	11.6
	Unspecified	0.0	0.0	0.0	0.0	0.0	0.0
	Self-harm	2.1	3.1	3.1	1.0	2.8	0.0
F 05-09	Substance use	2.9	2.0	1.0	1.0	0.0	0.0
	Psychosis-related	2.0	2.0	1.0	0.0	1.0	0.0
	Mood	2.9	3.9	5.0	9.0	10.8	2.9
	Neurotic/stress-related	30.4	37.5	39.7	38.8	38.1	44.3
	Behavioural syndrome	0.0	2.0	0.0	3.0	0.0	0.0
	Personality-related	1.0	0.0	3.0	0.0	1.0	0.0
	Behavioural/Emotional	29.4	25.6	26.8	35.8	29.3	23.1
	Unspecified	0.0	1.0	1.0	1.0	0.0	0.0
	Self-harm	1.0	3.0	5.0	2.0	2.0	0.0
F 10-14	Substance use	117.3	150.4	149.0	204.9	194.9	169.5
	Psychosis-related	14.2	6.3	15.4	18.1	8.2	12.8
	Mood	156.4	148.6	159.8	165.9	188.5	163.1
	Neurotic/stress-related	203.5	190.7	265.5	263.8	263.8	252.4
	Behavioural syndrome	4.4	4.5	16.3	4.5	10.0	20.0
	Personality-related	15.1	20.6	19.0	19.0	31.7	15.5
	Behavioural/Emotional	113.8	119.1	111.1	125.1	96.1	120.3
	Unspecified	3.6	0.0	1.8	0.9	3.6	3.6
	Self-harm	181.3	167.4	164.3	148.7	150.5	123.0
F 15-17	Substance use	524.9	554.7	652.6	703.4	751.7	720.4
	Psychosis-related	54.9	45.6	26.1	42.7	33.7	43.7
	Mood	532.3	501.7	523.5	524.0	486.1	527.3
	Neurotic/stress-related	756.2	734.2	728.0	810.2	732.0	802.2
	Behavioural syndrome	43.0	44.1	39.2	35.6	61.8	38.1
	Personality-related	40.0	72.1	53.7	65.5	45.0	55.0
	Behavioural/Emotional	123.1	120.6	95.7	92.5	111.0	86.0
	Unspecified	1.5	1.5	4.4	2.8	7.0	7.0
	Self-harm	674.6	615.0	577.2	504.0	529.7	504.7
M 00-04	Substance use	2.0	0.0	1.0	1.9	0.0	2.6
	Psychosis-related	0.0	0.0	0.0	0.0	0.9	0.0
	Mood	0.0	1.0	1.0	0.0	0.0	0.9
	Neurotic/stress-related	11.1	8.0	4.9	2.9	13.5	7.7
	Behavioural syndrome	1.0	2.0	0.0	1.9	2.7	3.4
	Personality-related	1.0	0.0	0.0	1.0	0.0	0.0

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		02/03	03/04	04/05	05/06	06/07	07/08
	Behavioural/Emotional	12.1	21.0	13.8	11.4	6.3	19.7
	Unspecified	0.0	0.0	2.0	0.0	0.0	0.0
	Self-harm	1.0	2.0	4.9	1.9	0.9	2.6
M	05-09						
	Substance use	4.6	1.9	0.0	0.9	0.0	1.8
	Psychosis-related	0.9	0.0	1.9	0.0	2.8	0.0
	Mood	8.3	4.7	7.5	11.3	5.6	5.5
	Neurotic/stress-related	33.3	38.2	37.7	53.7	36.3	49.7
	Behavioural syndrome	0.0	0.9	0.0	1.9	0.9	0.0
	Personality-related	2.8	3.7	4.7	3.8	1.9	3.7
	Behavioural/Emotional	90.6	63.4	83.8	86.7	84.7	79.1
	Unspecified	0.0	0.0	0.0	0.9	0.9	0.0
	Self-harm	5.5	0.9	0.9	0.0	3.7	1.8
M	10-14						
	Substance use	88.2	112.1	123.5	118.6	113.7	120.0
	Psychosis-related	19.5	8.5	14.6	16.3	11.1	7.7
	Mood	74.6	70.5	84.0	79.9	83.8	64.3
	Neurotic/stress-related	123.0	124.9	124.3	166.8	165.9	147.4
	Behavioural syndrome	4.2	1.7	0.0	0.0	1.7	0.9
	Personality-related	18.7	7.6	13.7	13.8	7.7	10.3
	Behavioural/Emotional	160.3	192.9	150.9	165.0	155.6	154.3
	Unspecified	1.7	0.0	2.6	2.6	0.0	0.0
	Self-harm	60.2	51.0	42.9	30.9	37.6	34.3
M	15-17						
	Substance use	505.1	614.2	707.8	672.0	700.3	686.5
	Psychosis-related	108.3	108.2	84.3	81.6	96.0	72.5
	Mood	258.9	289.5	311.0	235.3	276.1	317.0
	Neurotic/stress-related	340.5	335.9	365.0	391.8	366.8	411.1
	Behavioural syndrome	2.8	1.4	1.4	1.4	4.0	6.7
	Personality-related	26.7	30.9	31.8	29.9	16.0	17.5
	Behavioural/Emotional	142.1	142.0	112.0	103.4	113.4	107.5
	Unspecified	5.6	0.0	2.8	8.2	4.0	2.7
	Self-harm	246.2	240.3	201.8	210.9	189.4	181.4

K Follow-up Visits After ED Visit End Date

Table K.1: Follow-up visits and distinct children/youth for the discharged subset.

	Days Since ED Visit End Date				
	7	14	30	90	180
Visits	2,094	3,643	6,868	16,761	29,598
Children/Youth	819	1,174	1,603	2,229	2,566

Table K.2: Follow-up visits and children/youth by age group for the discharged subset.

	Days Since ED Visit End Date				
	7	14	30	90	180
Follow-up Visits					
n	2,094	3,643	6,868	16,761	29,598
00-04	14 (0.7)	26 (0.7)	44 (0.6)	103 (0.6)	173 (0.6)
05-09	121 (5.8)	220 (6.0)	368 (5.4)	946 (5.6)	1,713 (5.8)
10-14	583 (27.8)	995 (27.3)	2,034 (29.6)	5,053 (30.1)	9,075 (30.7)
15-17	1,376 (65.7)	2,402 (65.9)	4,422 (64.4)	10,659 (63.6)	18,637 (63.0)
Distinct Children/Youth					
n	819	1,174	1,603	2,229	2,566
00-04	7 (0.9)	14 (1.2)	20 (1.2)	32 (1.4)	36 (1.4)
05-09	58 (7.1)	77 (6.6)	95 (5.9)	117 (5.2)	132 (5.1)
10-14	253 (30.9)	357 (30.4)	510 (31.8)	713 (32.0)	821 (32.0)
15-17	501 (61.2)	726 (61.8)	978 (61.0)	1,367 (61.3)	1,577 (61.5)

Table K.3: Follow-up visits and children/youth by gender for the discharged subset.

	Days Since ED Visit End Date				
	7	14	30	90	180
Follow-up Visits					
n	2,094	3,643	6,868	16,761	29,598
F	1,290 (61.6)	2,299 (63.1)	4,346 (63.3)	10,255 (61.2)	18,605 (62.9)
M	804 (38.4)	1,344 (36.9)	2,522 (36.7)	6,506 (38.8)	10,993 (37.1)
Distinct Children/Youth					
n	819	1,174	1,603	2,229	2,566
F	486 (59.3)	710 (60.5)	966 (60.3)	1,364 (61.2)	1,551 (60.4)
M	333 (40.7)	464 (39.5)	637 (39.7)	865 (38.8)	1,015 (39.6)

Table K.4: Follow-up visits and children/youth by pSES for the discharged subset.

	Days Since ED Visit End Date				
	7	14	30	90	180
Follow-up Visits					
n	2,094	3,643	6,868	16,761	29,598
A	161 (7.7)	298 (8.2)	597 (8.7)	1,643 (9.8)	2,760 (9.3)
R	1,366 (65.2)	2,307 (63.3)	4,327 (63.0)	10,236 (61.1)	18,284 (61.8)
S	428 (20.4)	764 (21.0)	1,393 (20.3)	3,551 (21.2)	6,209 (21.0)
W	139 (6.6)	274 (7.5)	551 (8.0)	1,331 (7.9)	2,345 (7.9)
Distinct Children/Youth					
n	819	1,174	1,603	2,229	2,566
A	81 (9.9)	123 (10.5)	181 (11.3)	277 (12.4)	348 (13.6)
R	518 (63.2)	722 (61.5)	970 (60.5)	1,350 (60.6)	1,535 (59.8)
S	163 (19.9)	244 (20.8)	329 (20.5)	437 (19.6)	493 (19.2)
W	57 (7.0)	85 (7.2)	123 (7.7)	165 (7.4)	190 (7.4)

A=Aboriginal, R=Registrant without Subsidy, S=Government Sponsored Programs, W=Welfare

Table K.5: Summaries for time to first follow-up visit by pSES for the discharged subset.

pSES	Median Time (Days)	95%CI (Days)
Aboriginal	79	60 to 91
Registrant without Subsidy	37	33 to 40
Government Sponsored Programs	31	26 to 38
Welfare	29	22 to 41

Table K.6: Follow-up visits and children/youth by physician type for the discharged subset.

	Days Since ED Visit End Date				
	7	14	30	90	180
Follow-up Visits					
n	2,094	3,643	6,868	16,761	29,598
General Family Practitioner	707 (33.8)	1,234 (33.9)	2,328 (33.9)	5,472 (32.6)	9,600 (32.4)
Pediatrician	94 (4.5)	188 (5.2)	348 (5.1)	838 (5.0)	1,412 (4.8)
Psychiatrist	1,113 (53.2)	1,920 (52.7)	3,669 (53.4)	9,050 (54.0)	15,785 (53.3)
Other	180 (8.6)	301 (8.3)	523 (7.6)	1,401 (8.4)	2,801 (9.5)
Children/Youth					
General Family Practitioner	478	744	1,133	1,832	2,279
Pediatrician	59	101	170	303	414
Psychiatrist	330	456	620	823	928
Other	95	159	254	543	867

Figure K.1: Follow-up visits and children/youth by physician type.

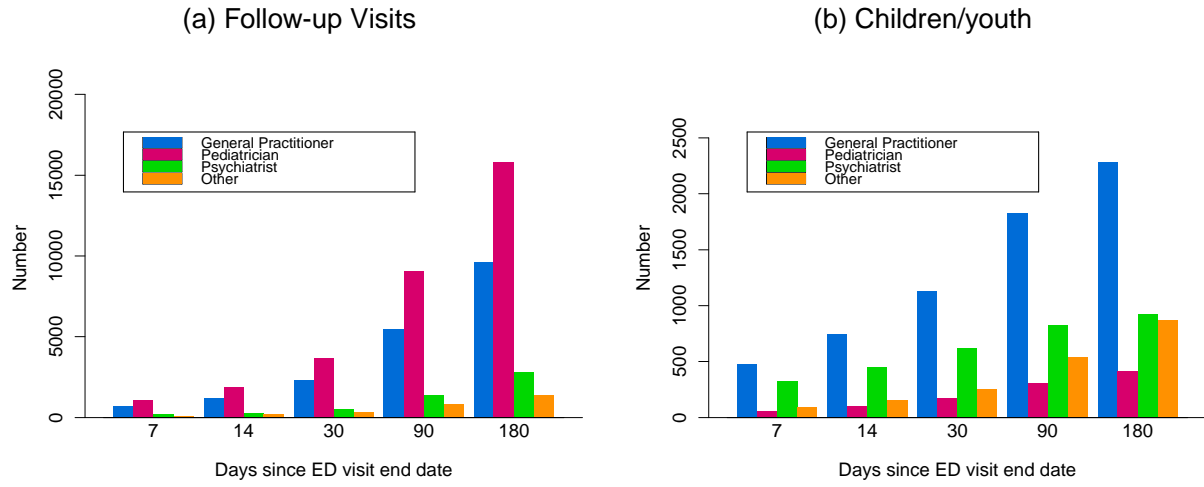


Table K.7: Follow-up visits and children/youth by facility type for the discharged subset.

	Days Since ED Visit End Date				
	7	14	30	90	180
Follow-up Visits					
n	2,094	3,643	6,868	16,761	29,598
Active Treatment Hospital	1,196 (57.1)	2,017 (55.4)	3,885 (56.6)	9,242 (55.1)	15,683 (53.0)
Mental Health Services	63 (3.0)	108 (3.0)	228 (3.3)	681 (4.1)	1,551 (5.2)
Practitioner's Office	808 (38.6)	1,458 (40.0)	2,616 (38.1)	6,444 (38.4)	11,594 (39.2)
Other	27 (1.3)	60 (1.6)	139 (2.0)	394 (2.4)	770 (2.6)
Children/Youth					
Active Treatment Hospital	294	422	627	1,045	1,434
Mental Health Services	40	50	75	125	148
Practitioner's Office	583	895	1,292	1,922	2,313
Other	17	40	79	200	333

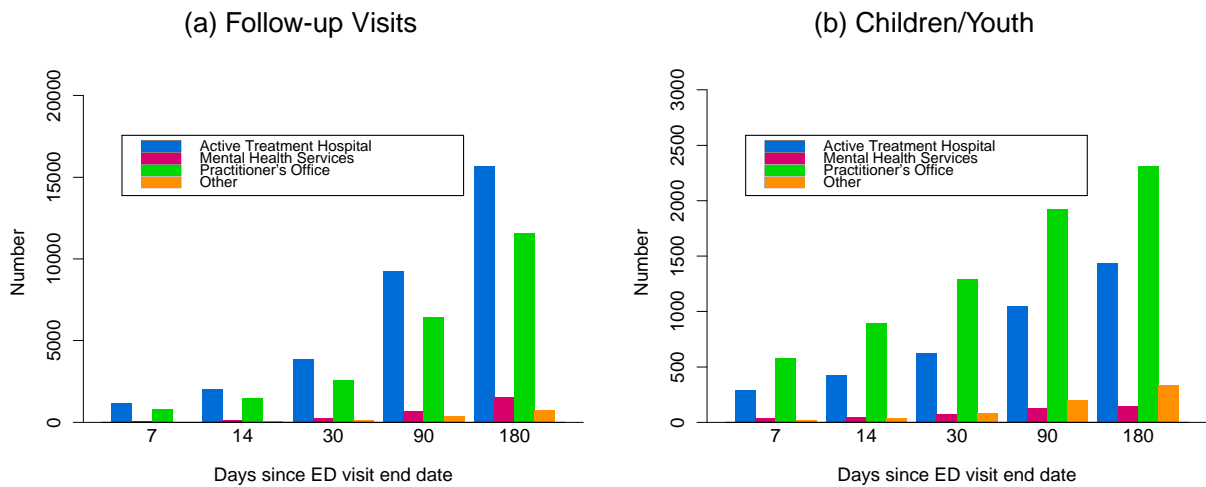
Figure K.2: Follow-up visits and children/youth by facility type.

Table K.8: Follow-up visits and children/youth by follow-up diagnosis for the discharged subset.

	Days Since ED Visit End Date				
	7	14	30	90	180
Follow-up Visits					
n	2,094	3,643	6,868	16,761	29,598
Mental Health	1,471 (70.2)	2,464 (67.6)	4,573 (66.6)	10,822 (64.6)	18,202 (61.5)
Non-Mental Health	578 (27.6)	1,099 (30.2)	2,143 (31.2)	5,530 (33.0)	10,603 (35.8)
Missing	45 (2.1)	80 (2.2)	152 (2.2)	409 (2.4)	793 (2.7)
Children/Youth					
Mental Health	520	700	931	1,224	1,380
Non-Mental Health	361	618	994	1,795	2,292
Missing	29	55	102	253	457

Figure K.3: Follow-up visits and children/youth by follow-up diagnosis.

(a) Follow-up Visits

(b) Children/Youth

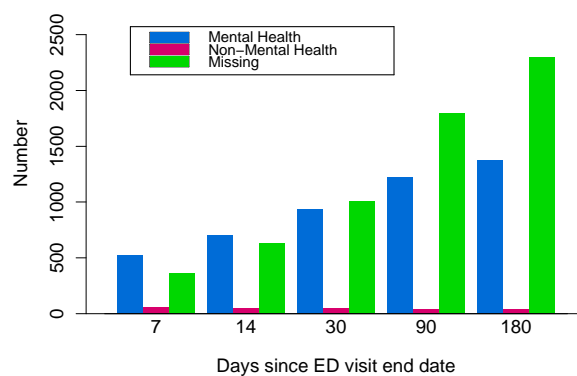
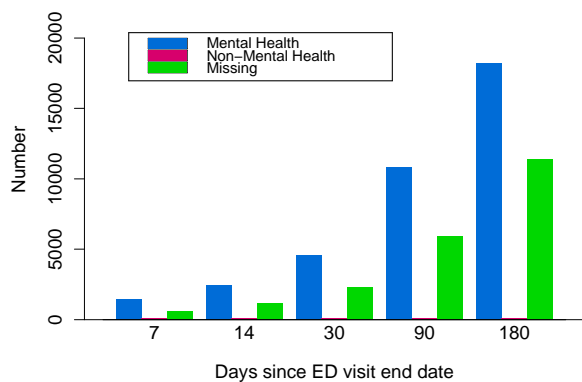


Table K.9: Follow-up visits and children/youth by ED visit diagnosis groups for the discharged subset.

	Days Since ED Visit End Date				
	7	14	30	90	180
Follow-up Visits					
n	2,094	3,643	6,868	16,761	29,598
Substance use	260 (12.4)	441 (12.1)	845 (12.3)	2,377 (14.2)	4,638 (15.7)
Psychosis-related	- (-)	- (-)	202 (2.9)	495 (3.0)	804 (2.7)
Mood	529 (25.3)	894 (24.5)	1,625 (23.7)	3,681 (22.0)	5,952 (20.1)
Neurotic/stress-related	526 (25.1)	969 (26.6)	1,899 (27.6)	4,372 (26.1)	7,797 (26.3)
Behavioural syndrome	52 (2.5)	118 (3.2)	224 (3.3)	536 (3.2)	866 (2.9)
Personality-related	54 (2.6)	66 (1.8)	113 (1.6)	253 (1.5)	489 (1.7)
Behavioural/Emotional	280 (13.4)	499 (13.7)	1,010 (14.7)	2,489 (14.8)	4,523 (15.3)
Unspecified	- (-)	- (-)	25 (0.4)	38 (0.2)	75 (0.3)
Self-harm	326 (15.6)	533 (14.6)	925 (13.5)	2,520 (15.0)	4,454 (15.0)
Children/Youth					
Substance use	136	216	320	540	673
Psychosis-related	-	-	-	25	26
Mood	168	224	293	352	387
Neurotic/stress-related	247	357	500	701	801
Behavioural syndrome	14	20	21	24	24
Personality-related	19	21	28	37	42
Behavioural/Emotional	126	175	231	302	331
Unspecified	-	-	-	6	7
Self-harm	97	142	187	242	275

Table K.10: Follow-up visits and children/youth by follow-up visit diagnosis group for the discharged subset.

	Days Since ED Visit End Date				
	7	14	30	90	180
Follow-up Visits					
n	2,094	3,643	6,868	16,761	29,598
Substance use	47 (2.2)	70 (1.9)	192 (2.8)	501 (3.0)	816 (2.8)
Psychosis-related	105 (5.0)	167 (4.6)	385 (5.6)	1,019 (6.1)	1,432 (4.8)
Mood	520 (24.8)	818 (22.5)	1,443 (21.0)	3,351 (20.0)	5,769 (19.5)
Neurotic/stress-related	328 (15.7)	526 (14.4)	893 (13.0)	1,715 (10.2)	2,515 (8.5)
Behavioural syndrome	55 (2.6)	121 (3.3)	250 (3.6)	721 (4.3)	1,234 (4.2)
Behavioural/Emotional	388 (18.5)	707 (19.4)	1,304 (19.0)	3,298 (19.7)	6,038 (20.4)
Personality-related	27 (1.3)	50 (1.4)	91 (1.3)	181 (1.1)	345 (1.2)
Unspecified	- (-)	- (-)	} 15 (0.2)	} 36 (0.2)	} 53 (0.2)
Toxicity	- (-)	- (-)			
Non-mental health	578 (27.6)	1,099 (30.2)	2,143 (31.2)	5,530 (33.0)	10,603 (35.8)
Missing	45 (2.1)	80 (2.2)	152 (2.2)	409 (2.4)	793 (2.7)
Children/Youth					
Substance use	24	29	50	80	121
Psychosis-related	19	28	45	59	72
Mood	193	256	352	496	597
Neurotic/stress-related	140	196	277	409	516
Behavioural syndrome	21	26	31	45	56
Behavioural/Emotional	200	278	398	566	675
Personality-related	7	13	19	33	47
Unspecified	0	0	0	-	-
Toxicity	-	-	8	18	24
Non-mental health	361	618	994	1,795	2,292
Missing	29	55	102	253	457

Table K.11: Follow-up visits that had the same follow-up diagnosis group as the ED mental health visit diagnosis group for the discharged subset.

ED Visit Diagnosis	Days Since ED Visit End Date				
	7	14	30	90	180
Substance use	24 (9.2)	38 (8.6)	80 (9.5)	274 (11.5)	417 (9.0)
Psychosis-related	45 (70.3)	62 (52.5)	119 (58.9)	291 (58.8)	445 (55.3)
Mood	233 (44.0)	358 (40.0)	582 (35.8)	1,240 (33.7)	1,897 (31.9)
Neurotic/stress-related	77 (14.6)	136 (14.0)	284 (15.0)	551 (12.6)	859 (11.0)
Behavioural syndrome	36 (69.2)	76 (64.4)	147 (65.6)	402 (75.0)	663 (76.6)
Personality-related	- (-)	- (-)	- (-)	5 (2.0)	21 (4.3)
Behavioural/Emotional	123 (43.9)	221 (44.3)	439 (43.5)	1,155 (46.4)	2,038 (45.1)
Unspecified	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Self-harm	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)

Figure K.4: Time to next ED visit for the discharged subset by ED visit diagnosis group.

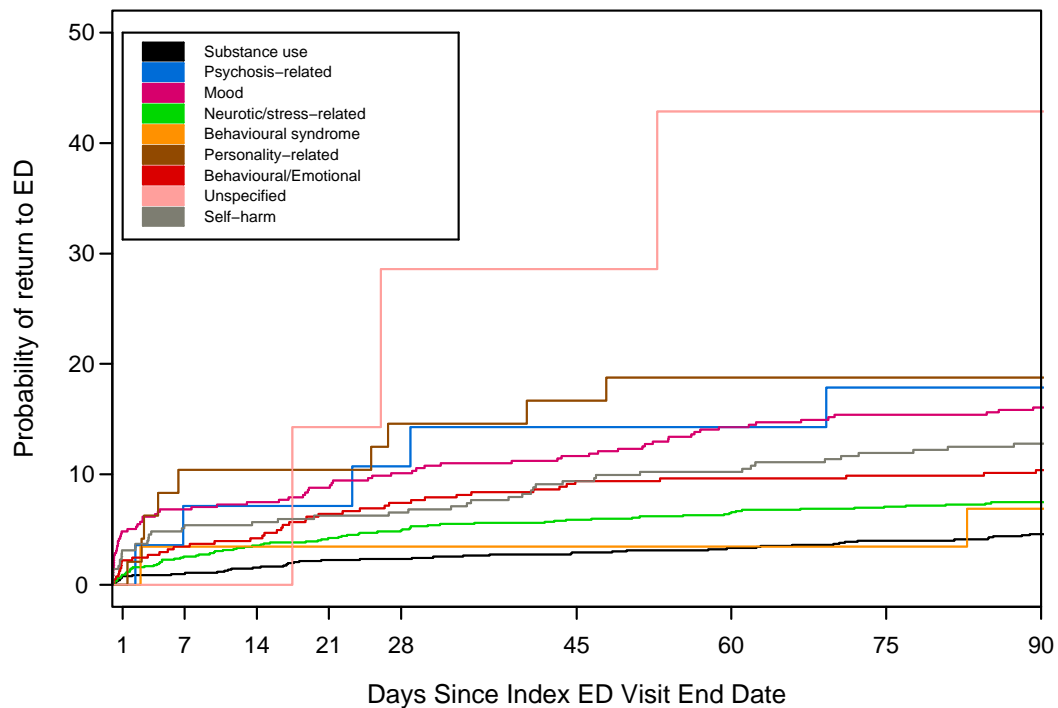


Figure K.5: Time to first follow-up visit for the discharged subset by ED visit diagnosis group. The plus signs denote children/youth whose time to follow-up visit is censored.

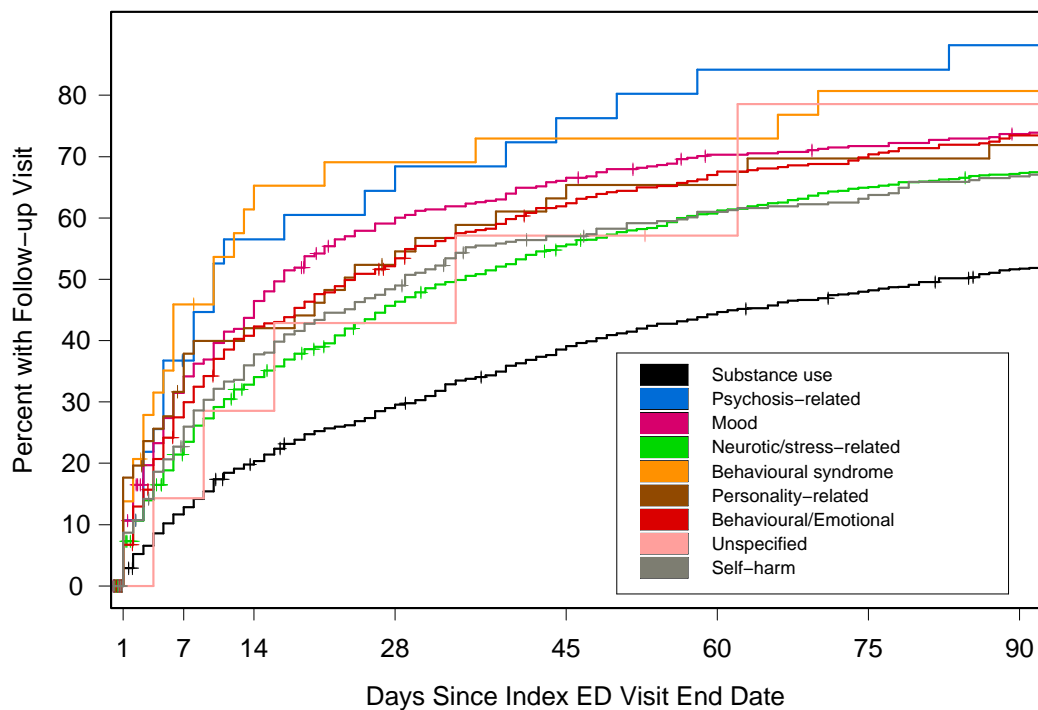


Table K.12: Summaries for time to first follow-up visit by diagnosis group for the discharged subset.

Diagnosis Group	Median Time (Days)	95%CI (Days)
Substance use	82	71 to 94
Psychosis-related	10	5 to 28
Mood	17	14 to 21
Neurotic/stress-related	35	29 to 40
Behavioural syndrome	10	5 to 21
Personality-related	23	7 to 45
Behavioural/Emotional	24	18 to 29
Unspecified	34	9 to †
Self-harm	29	23 to 36

† Upper 95% limit could not be calculated.

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