Supply, Distribution and Migration of Physicians in Canada, 2023

Methodology Notes

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1RQ FHUWL¿HG VSHFLDOLVW GDWD

Introduction

60’% WR &KH 60’% LQFOXGHV KLVWRULFDO GDWD ¿OHV IURP

More information

$ SUR¿OH RI SK\VLFLDQV LQ &DQDGD

Supply, Distribution and Migration of Physicians in Canada, 2023

National Physician Database, 2022–2023 Quick Stats17eb p,391: Overviewlang(en-US)MCID 18BDCBT-.01 99T

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Health workforce in Canada: In focus

Health Workforce in Canada, 2022 — Quick Stats

Nursing in Canada, 2023

Occu/tional Physician Database, 2022–2023

1.4 Other data sources

2 Data quality

’DWD UHFHLYHG E\ 6FRWW¶V ’LUHFWRULHV LV ¿UVW FRQ¿UPHG

$W &,+, RQFH WKH ¿OH KDV EHHQ UHFHLYHG IURP 6FRWW¶V ’LUH
RI HGLW FKHFNV DQG DQ HGLW YHUL¿FDWLRQ UHSRUW LV SURGX

DQG XVHG E\ WKHLU GDWDEDVH PDQDJHU WR XSGDWH DQ\ LGHQW

2.1 Data supply interruptions

Jurisdictional licensing authorities

Table 1 Scott's Directories jurisdictional data supply interruptions

Jurisdiction	Year	Supply interruptions
Quebec		'DWD IRU WKH \HDU GRHV QRW UHÀHFW DQQXDO SK\VLFL
Ontario		'DWD IRU WKH \HDU UHÀHFWV D SDUWLDO GDWD VXSSO\
Alberta		'DWD IRU WKH \HDU GRHV QRW UHÀHFW DQQXDO SK\VLFL
British Columbia		'DWD IRU WKH \HDU GRHV QRW UHÀHFW DQQXDO SK\VLFL
Yukon		'DWD IRU WKH \HDU GRHV QRW UHÀHFW DQQXDO SK\VLFL

Other data sources

GDWD UHÀHFWV SK\VLFLDQ LQIRUPDW

2.2 Physician counts in the territories

SRVWDO7KHRSHULPDU\ SRVWDO FRGH W\SLFDOO\ UHÀHFWV WKH MXU

ZKR SHUPDQHQWO\ UHVLGH LQ WKH MXULVGLFWLRQ PD\ XQGHUV

3K\VLFLDQ FRXQWV LQ 1XQDYXW DUH D SULPH H[DPSOH RI WKH

Nunavut

B. Specialists

Fiscal year	Total number of specialist physicians, Nunavut	Total service days rendered, Nunavut	Average service days, Nunavut	Number of specialist physicians, Qikiqtaaluk	Service days rendered, Qikiqtaaluk	Number of specialist physicians, Kivalliq	Service days rendered, Kivalliq	Number of specialist physicians, Kitikmeot	Service days rendered, Kitikmeot
2017–2018									
2018–2019									
2019–2020									
2020–2021									
2021–2022									
2022–2023									
2023–2024									

Notes

Q D 1RW DYDLODEOH ’DWD IRU ¿VFDO \HDU – ZDV QRW SURYLGHG E\ WKH 1XQDYXW ’HSDUWPHQW RI +HDOWK
6WDUWLQJ LQ WKH – GDWD \HDU WKH 1XQDYXW ’HSDUWPHQW RI +HDOWK FRXQWHG LQGLYLGXDO VHUYLFH GD\

Separation of Nunavut from the Northwest Territories

WHUULWRU\ RI 1XQDYXW 1XQDYXW VSHFL¿F GDWD ZDV FROOHFW

Yukon

Table 5 Total physicians included and excluded, by physician type and jurisdiction, Canada, 2023

Physician type	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.				

Figure 1

Collaboration with other organizations

,Q DQ H RUW WR FRQWLQXRXVO\ LPSURYH LWV GDWD TXDOLW\ &

QHFHVVDULO\ WKH VDPH DV WKRVH XVHG E\ WKH PLQLVWULHV
KHDG FRXQW RU WUHQG GL HUHQFHV HLWKHU &ROODERUDWLRQ
DQG RWKHUV KDV LQWHQVL¿HG ZLWKLQ WKH GLVWLQFW YHH RQ ¿UPV W
GHOD\ LQ UHSRUWLQJ FKDQJHV LQ WKH 60’% LV D QRQ WULYLDO

3.3 Physician-to-population ratios

3.6

Table 7 Family medicine and specialist physicians as a percentage of total physicians, by jurisdiction, Scott's Medical Database and jurisdictional data sources, 2023

A. Scott's Medical Database*

3.7

4 Data limitations

Canadian Medical Directory

4.1 Valid mailing address

’LUHFWRULHV LV XQDEOH WR PDLQWDLQ EHDFSOLFHMWLU¿HGG DPVDLOQLQJ

4.2 Time delay in reporting changes

7KH WLPH GHOD\ LQ UHSRUWLQJ FKDQJHV WR WKH V\VWHP ZLO

1RYHPEHU RI D JLYHQ \HDU EXW WKH QRWL¿FDWLRQ RI WKH FK
IRU PRHWFKQRORJLFDO DGYDQFHV DQG DQ LQFUHDVHG H RUW
RQ D UHJXODU EDVLV VKRXOG FRQWULEXWH WR D GHFUHDVH L

4.3 Physicians moving abroad

inactive

WKH SK\VLFLDQ FDQ EH ORFDWHG 6RPH RI WKH *inactive* LFLDQV ZKR

PD\ QRW KDYH LQGLFDWHG VSHFL¿FDOO\ KRZ HDFK RI WKHVH FLUFXPVWDQFHV ZLOO

abroad

VHOI UHSRUWLQJ WR DVVLJQ SK\VLFLDQV D VWDWXV RI KDYLQJ

4.4 Resident data

%HFDXVH UHVLGHQWV DUH PRELOH DIWHU JUDGXDWLRQ H J VR
RU SURYLQFH IRU SRVW 0’ WUDLQLQJ LW LV GL FXOW IRU 6FRW

4.5 Comparisons between jurisdictions

’L HUHQFHV LQ [illegible] W\SHV RI [illegible] PRWH

4.6 Specialty designations

,W LV LPSRUWDQW WR UHFRJQL]H WKDW PRVW RI WKH VSHFLDO
DOWKRXJK LQIRUPDWLRQ RQ FHUWL¿HG VSHFLDOWLHV LV XVHI

6RPH SK\VLFLDQV PD\ SUDFWLVH H[FOXVLYHO\ LQ DUHDV RI PH
UHFHQW FHUWL¿HG VSHFLDOW\ )RU H[DPSOH VRPH IDPLO\ PH

5 Privacy and confidentiality

7KH SURWHFWLRQ RI LQGLYLGXDO SULYDF\ WKH FRQ¿GHQWLDOL

5.2 CIHI “no publication” status

Table 8 Count and percentage distribution of active fen-USt</Lang(en-US)/MCID 1

Table 9 Percentage of family medicine, specialist and total physicians removed from analysis using CIHI's "no publication" methodology, by physician type and jurisdiction, Canada, 2023

Appendices

Appendix A: Data definitions

SMDB data definitions

(DFK RI WKH GDWD HOHPHQWV OLVWHG FRUUHVSRQGV WR D ¿HOG

Active — not in private practice

Active — not in private practice

active *active — not in private practice*

Inactive — Semi-retired temporarily retired retired on leave of absence on sabbatical maternity leave temporarily not in practice not in practice

Inactive — Military *military*

Inactive — Abroad *abroad*

Inactive — U.S.A.

abroad

U.S.A.

Inactive — Deceased *deceased*

Inactive — Removed *removed*

Medical Specialties

Medical Registration Indicator

Country of MD Graduation

foreign

Language

Gender

Date of Birth

6WDUWLQJ LQ 6FRWW¶V ’LUHFWRULHV EHJDQ PRGLI\LQJ WK

Critical care medicine
Endocrinology and metabolism
Gastroenterology
General internal medicine
Geriatric medicine
Hematology
Infectious diseases
Medical oncology
Nephrology
Occupational medicine
Palliative medicine
Respirology
Rheumatology

Electroencephalography

Adolescent medicine — Pediatrics
Cardiology — Pediatrics
Child and adolescent psychiatry — Pediatrics
Clinical immunology and allergy — Pediatrics
Clinical pharmacology and toxicology — Pediatrics
Critical care medicine — Pediatrics
Developmental — Pediatrics
Emergency medicine — Pediatrics
Endocrinology and metabolism — Pediatrics
Gastroenterology — Pediatrics
Hematology/oncology — Pediatrics
Infectious diseases — Pediatrics
Neonatal–perinatal medicine
Nephrology — Pediatrics
Respirology — Pediatrics
Rheumatology — Pediatrics

Forensic psychiatry

Geriatric psychiatry

2.1.2 Laboratory specialists

Forensic pathology

2.2 Surgical specialists

Colorectal surgery

General surgical oncology

Pediatric surgery

Gynecologic oncology

Maternal–fetal medicine

2.3 Medical scientists

Appendix D: Text alternative for figures

Text alternative for Figure 1

6 0 ’ % F R X Q W V W R E H K L J K H U W K D Q W 2 3 5 & L Q G G & 0 H U H Q F H V L Q L Q F

Table: Number of physicians in Ontario, comparison of 3 data sources, 2003 to 2023

Year	SMDB	OPRC	CMA
2003			
2004			
2005			
2006			
2007			
2008			
2009			
2010			
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			

Text alternative for Figure 2

& 0 $ G D W D I R U U H ÀH F W H G D Y H U \ V O L J K W G H F U H D V H R Y H U

Table: Number of physicians in Manitoba, comparison of 3 data sources, 2003 to 2023

Year	SMDB	CPSM	CMA
2003			
2004			
2005			
2006			
2007			
2008			
2009			
2010			
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023			

Notes

Sources

References

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CIHI Toronto

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