



ADSS

Alberta Diabetes
Surveillance System

Diabetes Prevalence by Alberta Communities

The prevalence of diabetes varies from community to community in Alberta. In order to summarize this information, we have profiled diabetes prevalence for communities in Alberta with a population of at least 1000 people in the figure on the inside of this newsletter. The communities at the top of the figure have the highest prevalence while the communities at the bottom of the figure have the lowest. The vertical line in the middle represents the overall provincial age-adjusted diabetes prevalence (4.6%) – therefore, values to the right of this line are higher than the provincial average, and values to the left of this line are lower.

To make the most valid comparisons of diabetes prevalence from community to community, age must be taken into consideration.

Because the risk of diabetes increases with age, communities with older populations would tend to have increased rates of diabetes. By adjusting the prevalence rates for differences in age, we are able to directly compare communities without age being a factor.

The lowest diabetes prevalence is 1.9% in the community of Priddis. This is less than half the provincial rate.

The highest diabetes prevalence is 15.1% in the community of Siksika. This is over 3 times the provincial rate.

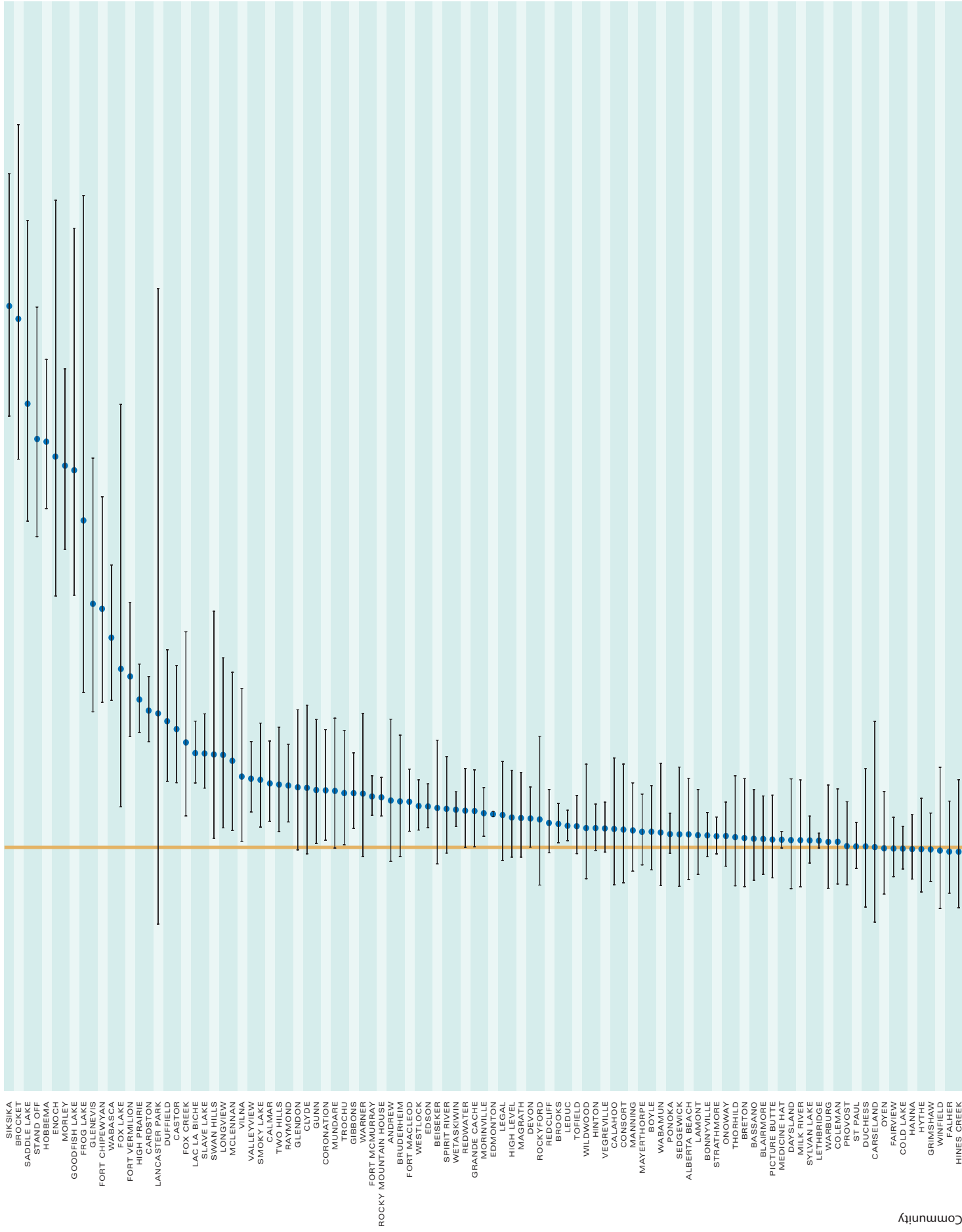
What's New – Further PHAC Funding for the ADSS

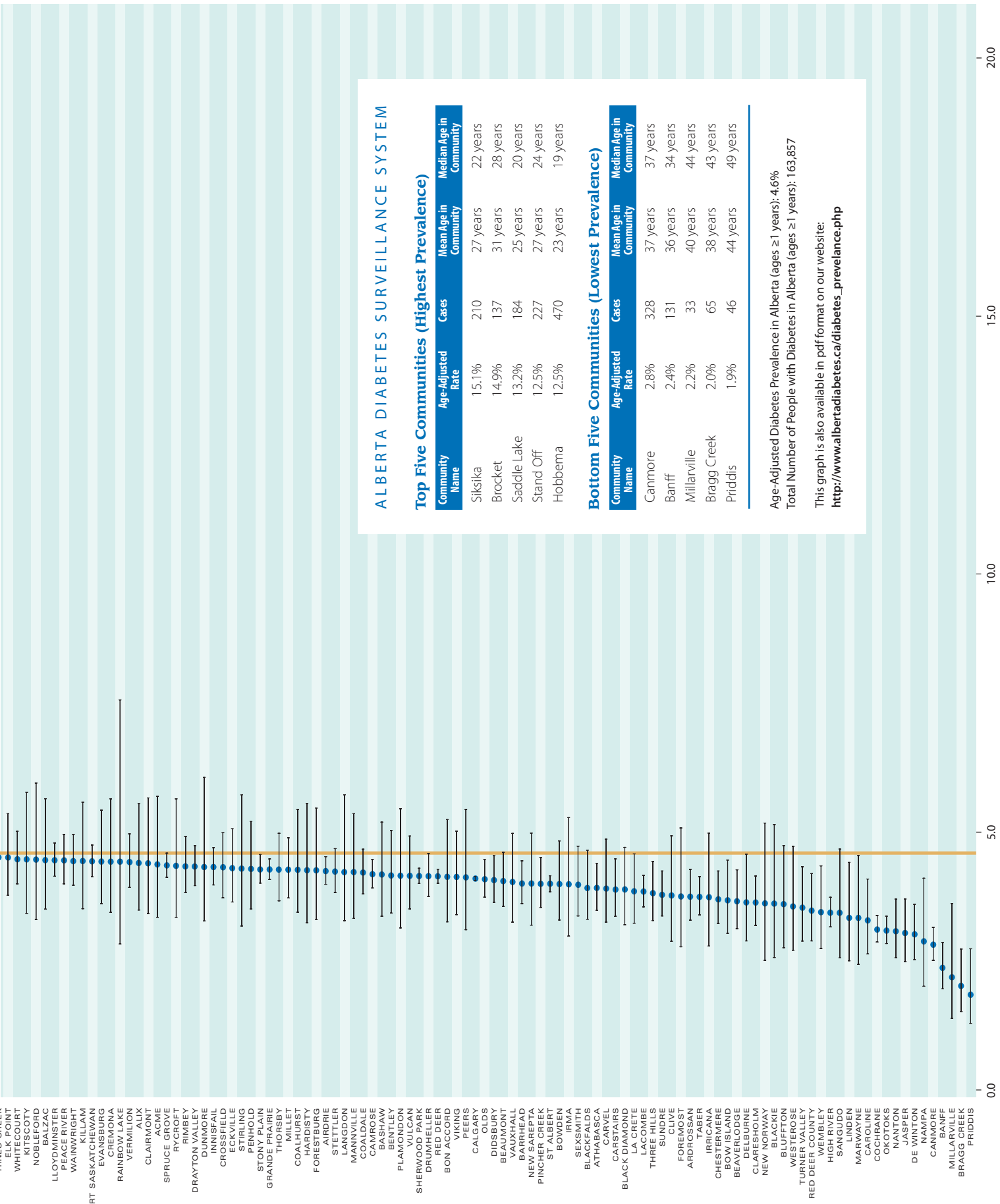
Over the last calendar year, the ADSS team travelled within Alberta to bring local diabetes information to different communities. From North to South, we have been to Fort McMurray, Peace River, Grande Prairie, Westlock, St. Albert, Leduc, Consort, Red Deer, Calgary, Medicine Hat and Lethbridge. This active dissemination of the ADSS, and the launching of our ADSS website was made possible in part with funds from the Public

Health Agency of Canada (PHAC).

Since the reception around Alberta has been so positive, and an evaluation of the dissemination activities was deemed successful, the ADSS team applied for further funding from PHAC to help continue to support these efforts. In June 2009, we were notified that we were successful in receiving another year of funding to continue this type of active dissemination of the ADSS.

Age-Adjusted Diabetes Prevalence by Alberta Community over 1,000 Population, 2007 (ages ≥1 years)





ALBERTA DIABETES SURVEILLANCE SYSTEM

Top Five Communities (Highest Prevalence)

Community Name	Age-Adjusted Rate	Cases	Mean Age in Community	Median Age in Community
Siksika	15.1%	210	27 years	22 years
Brocket	14.9%	137	31 years	28 years
Saddle Lake	13.2%	184	25 years	20 years
Stand Off	12.5%	227	27 years	24 years
Hobbema	12.5%	470	23 years	19 years

Bottom Five Communities (Lowest Prevalence)

Community Name	Age-Adjusted Rate	Cases	Mean Age in Community	Median Age in Community
Canmore	2.8%	328	37 years	37 years
Banff	2.4%	131	36 years	34 years
Millarville	2.2%	33	40 years	44 years
Bragg Creek	2.0%	65	38 years	43 years
Priddis	1.9%	46	44 years	49 years

Age-Adjusted Diabetes Prevalence in Alberta (ages ≥ 1 years): 4.6%
 Total Number of People with Diabetes in Alberta (ages ≥ 1 years): 163,857

This graph is also available in pdf format on our website:
http://www.albertadiabetes.ca/diabetes_prevalence.php

Diabetes Cases per 100 Population (ages ≥ 1 years)



The following individuals contributed to this Newsletter:
Balko SU, Hugel G, Svenson LW, McLaughlin WK, Johnson JA.

ADSS Working Group Members

Epidemiological Trends of Diabetes in Alberta

Jeffrey A. Johnson
Stephanie U. Balko

Diabetes in Children and Adolescents in Alberta

Jeffrey A. Johnson
Robert Couch
Seth D. Marks
Daniele Pacaud
Saskia Vanderloo

Diabetes and Health Care Utilization in Alberta

Jeffrey A. Johnson
Doreen M. Rabi
Alun L. Edwards
Stephanie U. Balko

Diabetes and Cardiovascular Disease in Alberta

Acute Coronary Syndrome and Diabetes
Michelle M. Graham
Colleen Norris
Sumit R. Majumdar
Jeffrey A. Johnson

Heart Failure and Diabetes
Finlay A. McAlister
Dean T. Eurich

Stroke and Diabetes
Scot H. Simpson
Michael D. Hill

Hypertension and Diabetes
Brenda R. Hemmelgarn
Hude Quan
Larry W. Svenson

Diabetes and Foot Disease/Lower Limb Amputations in Alberta
Keith Bowering
Brent Haverstock
Peter A. Senior
M. Sean McMurtry
Ross T. Tsuyuki

Diabetes and Kidney Disease in Alberta
Scott Klarenbach
Marcello Tonelli
Brenda R. Hemmelgarn
Kailash K. Jindal

Diabetes and Eye Disease in Alberta
Matthew T. S. Tennant
Christopher J. Rudnisky
Jeffrey A. Johnson

Diabetes and Mental Health Disorders in Alberta
Scott Patten
Lauren C. Bresee
Larry W. Svenson

Diabetes and the Status Aboriginal Population in Alberta

Brenda R. Hemmelgarn
Ellen L. Toth
Malcolm King
Lynden Crowshoe
Kelli Ralph-Campbell
Richard T. Oster

ADSS Steering Committee Members

Jeffrey Johnson (Chair)
Cheryl Andres
Alun Edwards
William Ghali
Brenda Hemmelgarn
Jan Hux
Richard Lewanczuk
Sumit Majumdar
W. Keith McLaughlin
Hude Quan
Larry Svenson

ADSS Staff

Stephanie Balko (Project Manager)
Greg Hugel (Data Analyst)
Sheri Pohar (Data Consultant)
Teresia Karuri (Project Coordinator)
Sherry Lydyniuk (Administrative Assistant)



ADSS
Alberta Diabetes Surveillance System

For more information about the Alberta Diabetes Surveillance System, please contact Stephanie Balko at:

ACHORD
2-040 Health Research Innovation Facility (HRIF)
University of Alberta
Edmonton, AB T6G 2E1

Phone (780) 492-5296
Fax (780) 492-7455

Websites
www.albertadiabetes.ca
www.achord.ca
www.ihe.ca



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