

Is population health improved by “solutions” that are “sparked”? From the frontlines of cross-sectoral knowledge mobilization

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EUREKA!

ARCHIMEDES DISCOVERED
THE ARCHIMEDES PRINCIPLE,

A METHOD OF MEASURING THE VOLUME OF IRREGULAR
SHAPES WITH  WATER DISPLACEMENT
GRAVITY. SIR ISAAC NEWTON DISCOVERED
THAT AN APPLE WILL ALWAYS FALL PERPENDICULARLY FROM A TREE

WHICH
EVENTUALLY
LED HIM TO
UNCOVER

AHA!

THE UNCOMPARED
LAW OF
GRAVITY



ALEXANDER FLEMING DISCOVERED ONE OF THE MOST CRUCIAL
ANTIBIOTICS IN HISTORY, PENICILLIN
WHILE WORKING WITH COMBAT RADAR EQUIPMENT FOR WWII
PERCY SPENCER REVOLUTIONIZED THE WAY WE
PREPARE FOOD, WITH THE 

IN A EFFORT TO PLEASE A SNOBBY CUSTOMER, GEORGE CRUM OVEN FRIED
THE THINNEST POTATOES HE COULD SLICE.
THEY BECAME  POTATO CHIPS

BY COMBINING VELVET AND CROCHET
GEORGE DE MESTRAL INVENTED
VELCRO.

WHILE MIXING A POT
OF CHEMICALS, JOHN WALKER NOTICED
A CLUMP ON THE END OF HIS STIRRER.
HE SCRAPED
IT OFF, AND
IT THEN



CAUGHT FIRE
MATCH





POLITICAL SCIENCE

AN INTRODUCTION
TENTH EDITION

MICHAEL G. ROSKIN
JAMES A. MEDEIROS

ROBERT L. CORD
WALTER S. JONES



Region of Peel

Working for you

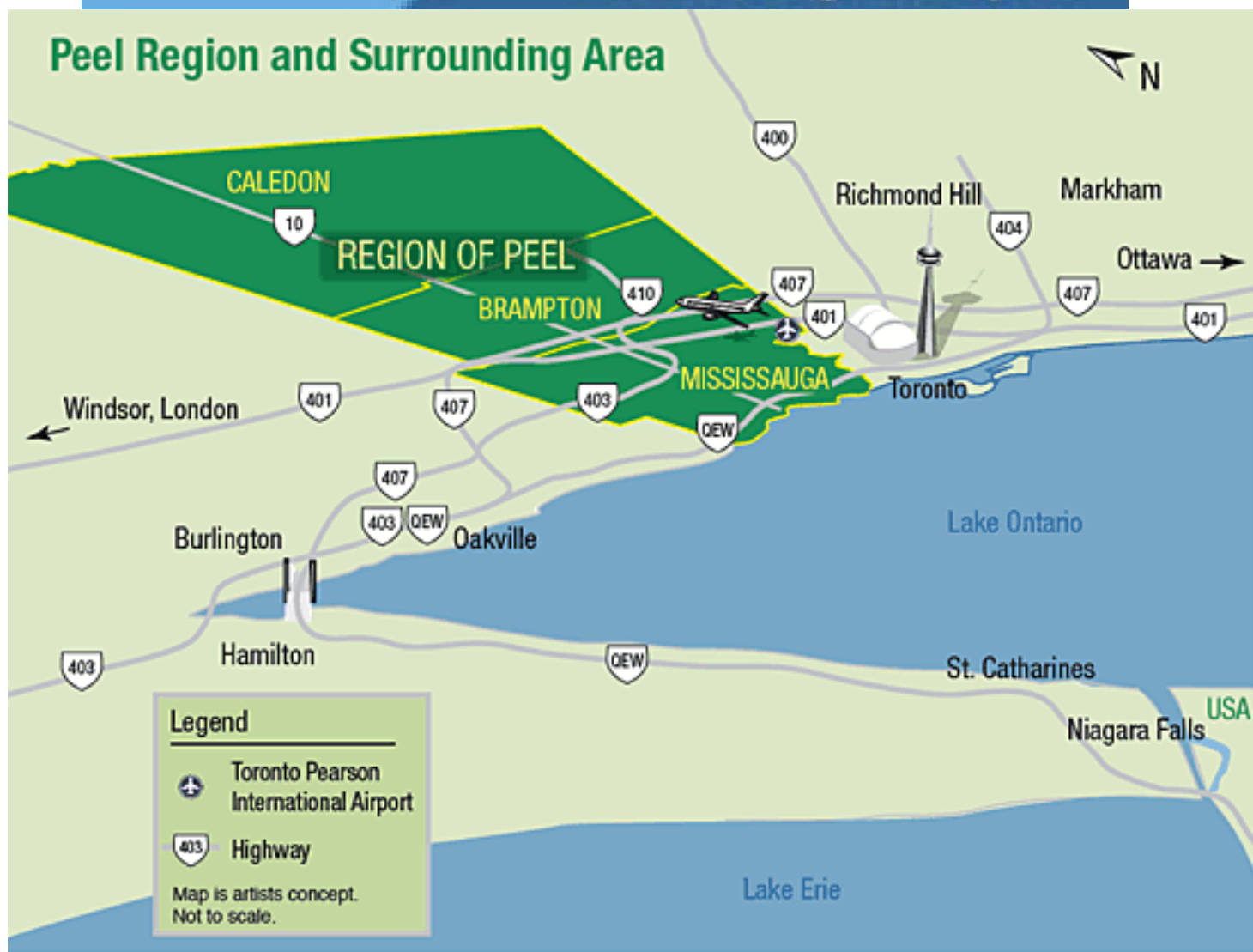
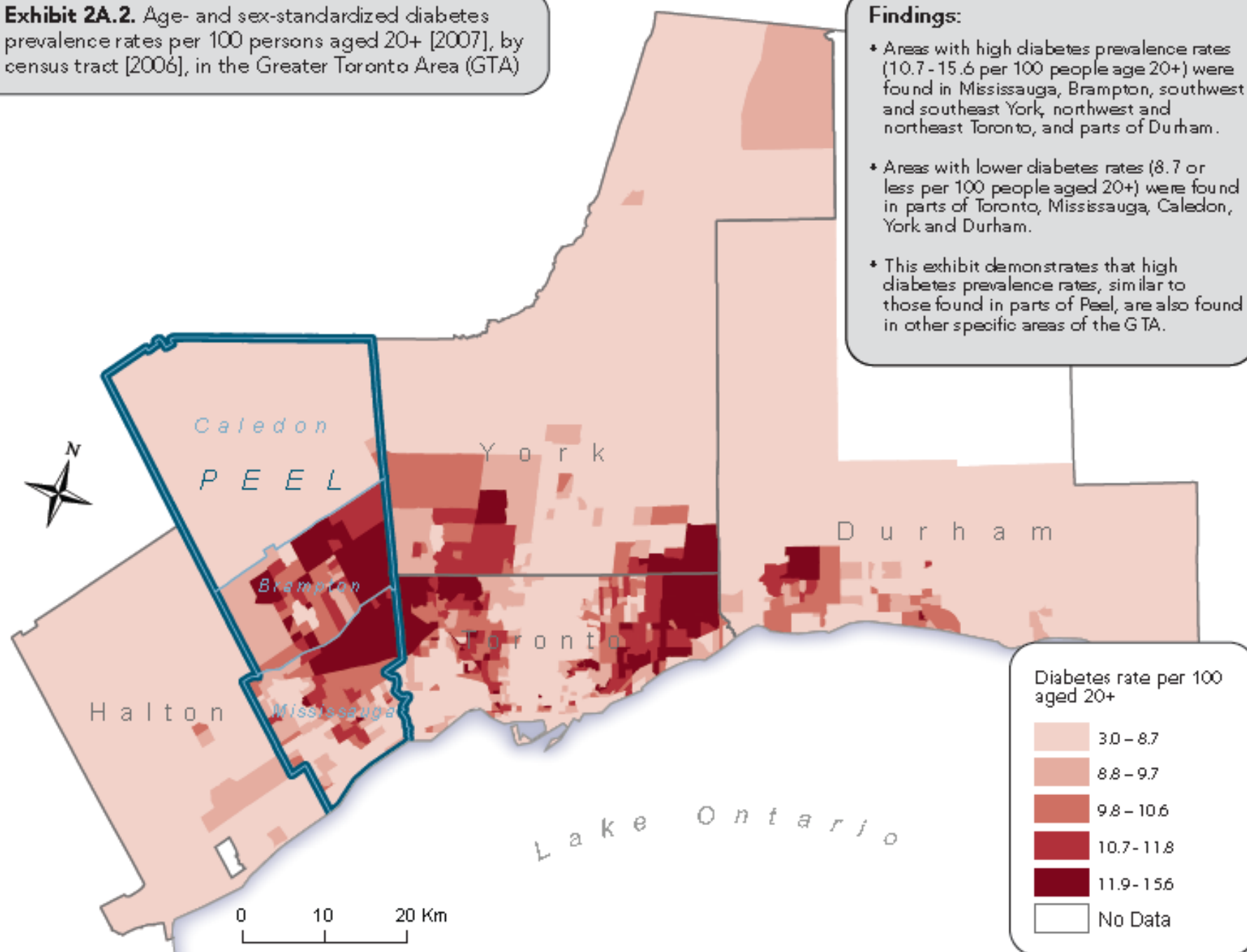


Exhibit 2A.2. Age- and sex-standardized diabetes prevalence rates per 100 persons aged 20+ [2007], by census tract [2006], in the Greater Toronto Area (GTA)



Journal of Epidemiology & Community Health

EDITOR'S CHOICE

**Trends in inequalities in premature mortality:
a study of 3.2 million deaths in 13 European countries**

- The impact of the Iraq war on neonatal polio immunisation coverage
- Low cardiorespiratory fitness in young adulthood and future risk of disability pension
- Internet use, social engagement, and health literacy decline during ageing





Just because I don't
care doesn't mean I
don't understand.
- Homer Simpson



A close-up photograph of a person's hand holding a black marker, writing the word "Implement" in white chalk on a dark chalkboard. The person's face is blurred in the background. The word is written in a cursive, handwritten style. A small arrow is drawn above the letter 'm', pointing towards the top right. The background is a solid dark grey or black.

Implement

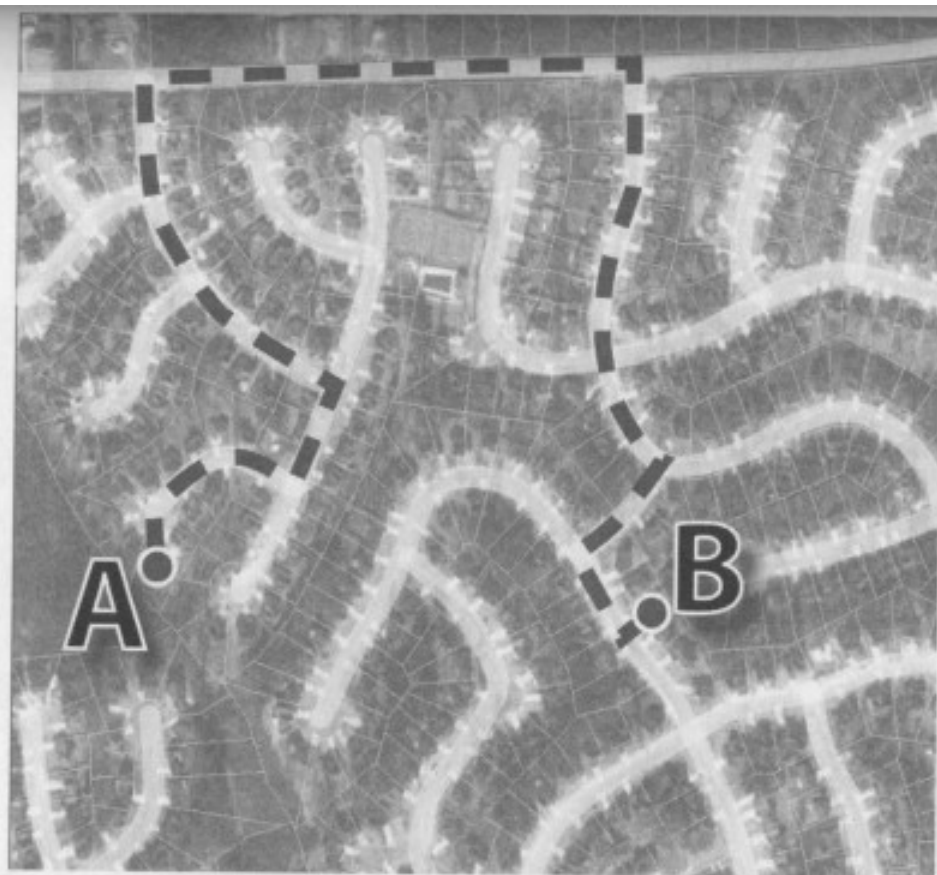
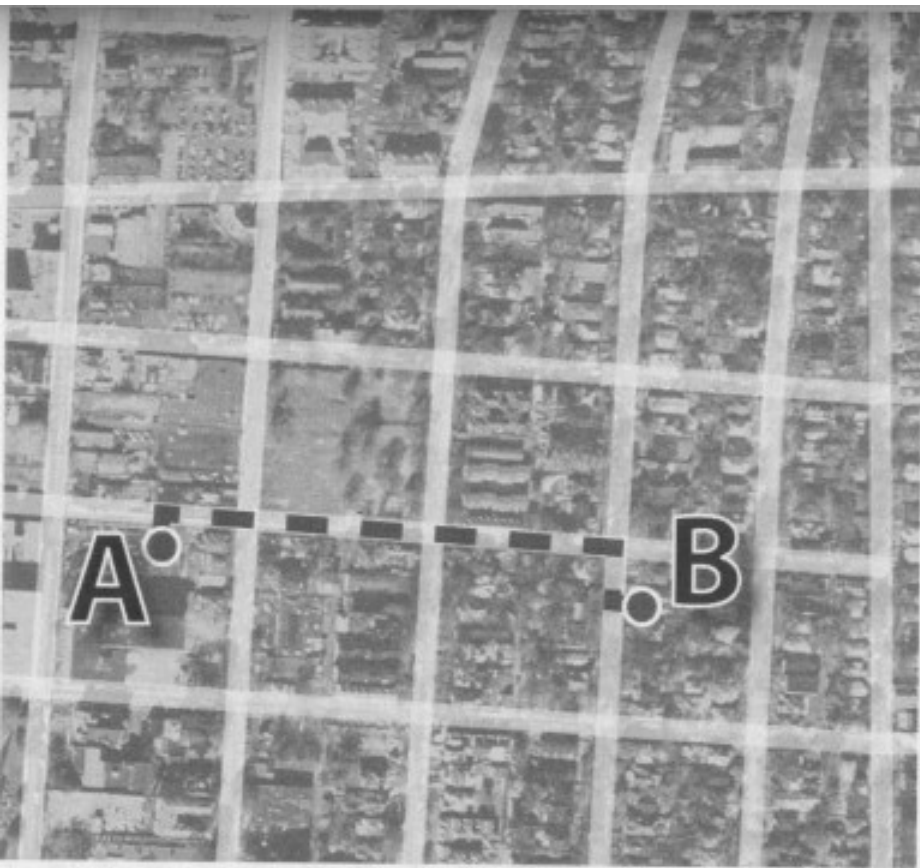


FIGURE 7-1. Aerial photos of two neighborhoods in Metro Atlanta (same scale). On the left is a downtown neighborhood, on the right a suburban neighborhood. The distance one would have to travel along the street network to get from two equidistant points (A and B) is much less along the downtown network (left) versus along the suburban network (right).



Evaluation

☒ OUTSTANDING

☐ Excellent

☐ Very Good

☐ Average

☐ Below Average



No Solution

Solve the following system of equation algebraically and graphically:

$$2x + 2y = 18$$

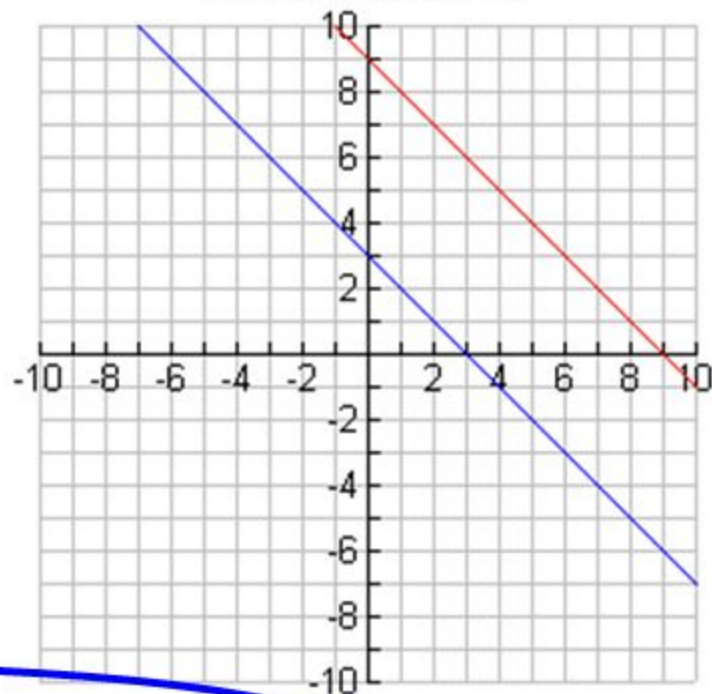
Add the equations to eliminate a variable:

$$-2x - 2y = -6$$

$$2x + 2y = 18$$

$$\begin{array}{r} + \quad -2x - 2y = -6 \\ \hline 0 = 12 \end{array}$$

The two lines are parallel. They never intersect.



No Solution.

**It's Time For Your
Breakthrough**





Art vs. science

10 YEARS LATER



David Mowat
Medical Officer of Health
Region of Peel

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Science

[Political science](#)

The politics of evidence-based policymaking

When presenting evidence to policymakers, scientists and other experts need to engage with the policy process that exists, not the one we wish existed.

Paul Cairney

Paul Cairney is professor of politics and public policy at the University of Stirling

Thursday 10 March 2016 06:46 GMT

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