

Survey on Living with Chronic Diseases in Canada: A New Survey Overview

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Survey program background

- **The SLCDC are sponsored by the Public Health Agency of Canada**
- **Surveys will take place every two years**
- **Each time two chronic conditions will be covered**
- **Will be a follow-up survey to the main CCHS**



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Objectives

- **To assess the impact of chronic conditions on quality of life**
- **To collect more information on how people manage their chronic conditions**
- **To identify health behaviours which influence disease outcomes**
- **To identify barriers to self-management of chronic conditions**



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Survey on Living with Chronic Diseases in Canada 2009

- **Arthritis and hypertension will be the first chronic diseases covered**
- **Will follow up with a sub-sample of respondents from the CCHS 2008**
- **Target sample size of 11,668
(5,635 arthritis and 6,033 hypertension)**
- **25 minute telephone interview**



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Target population

- **Persons from the CCHS 2008 who reported being diagnosed with arthritis or hypertension**
- **Aged 20+**
- **National (excluding territories)**
- **Same exclusions as the CCHS main survey (persons living on reserves, persons living in institutions, full time members of the Canadian Forces)**

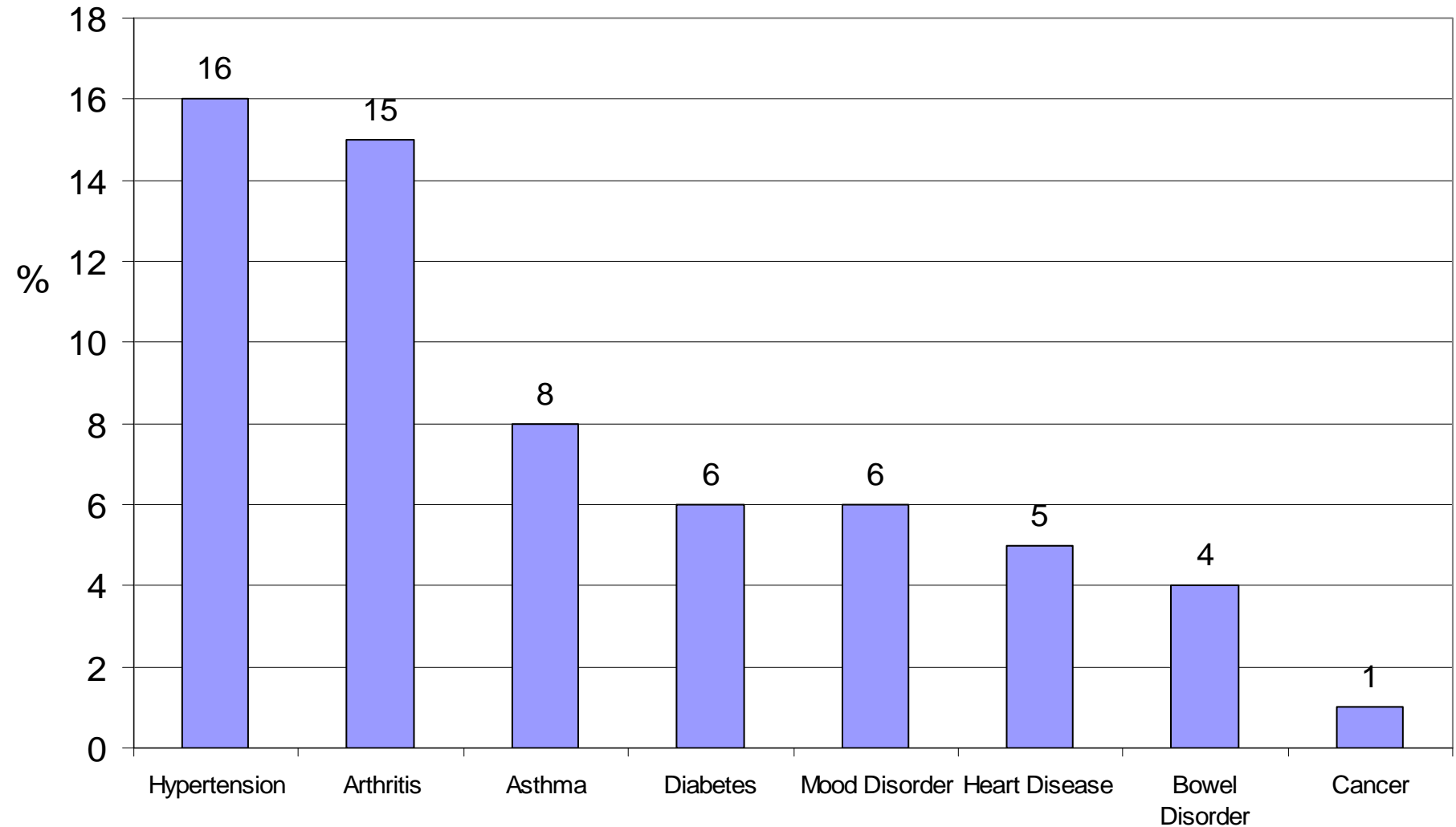


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Prevalence of select chronic conditions, Canada, 2007



Arthritis

- **Four million Canadians have arthritis and this is expected to double by 2020**
- **Affects persons of all ages**
- **Common cause of physical disability (pain and activity limitations)**
- **Risk factors include age, excess weight and lack of physical activities**

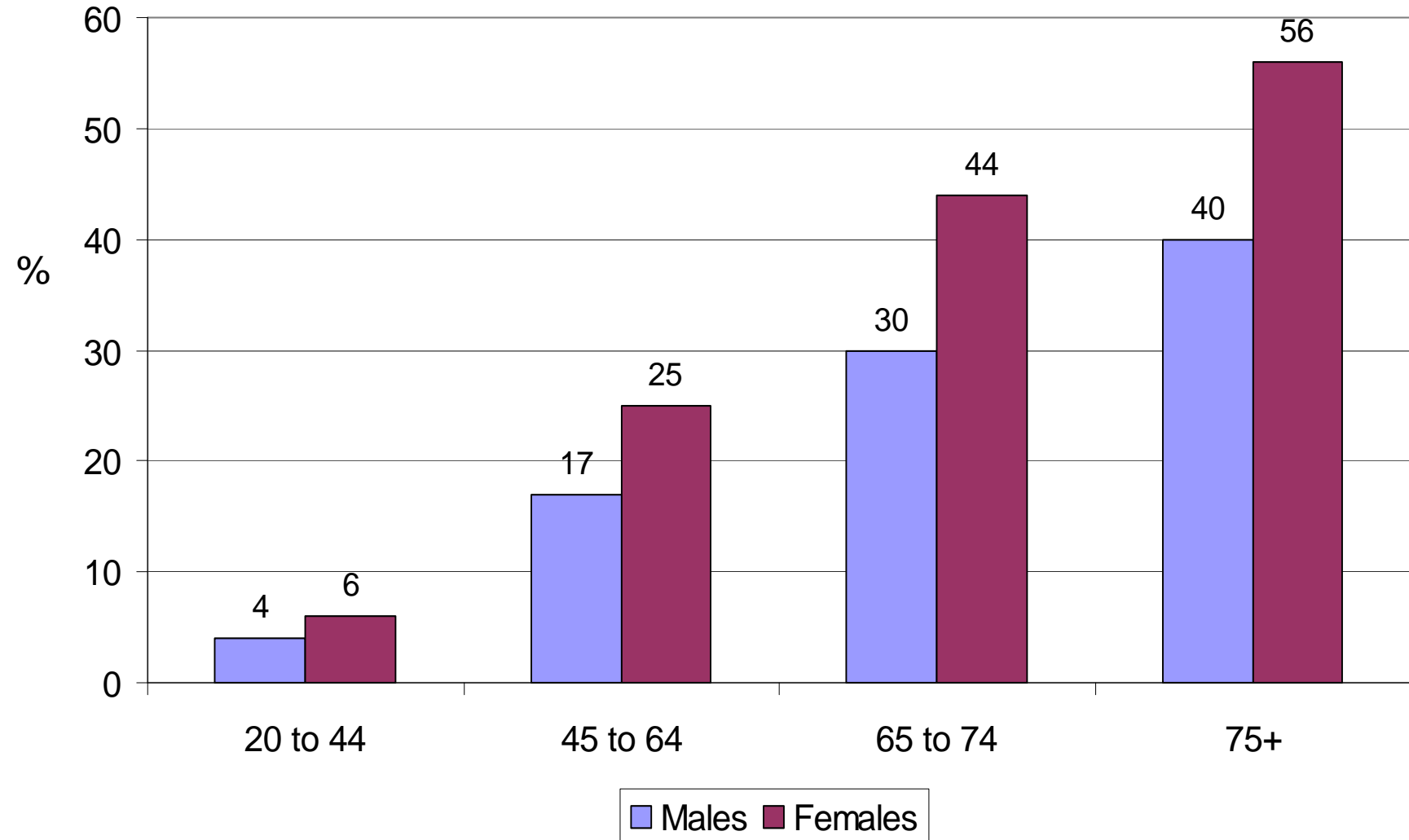


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Prevalence of arthritis by age and sex, Canada, 2007



Hypertension

- **Affects one in five Canadians**
- **Is the leading risk factor for death**
- **Causes strokes, heart attacks, heart and kidney failure**
- **Risk factors include age, ethnicity, gender, diet, physical inactivity, tobacco use, stress**

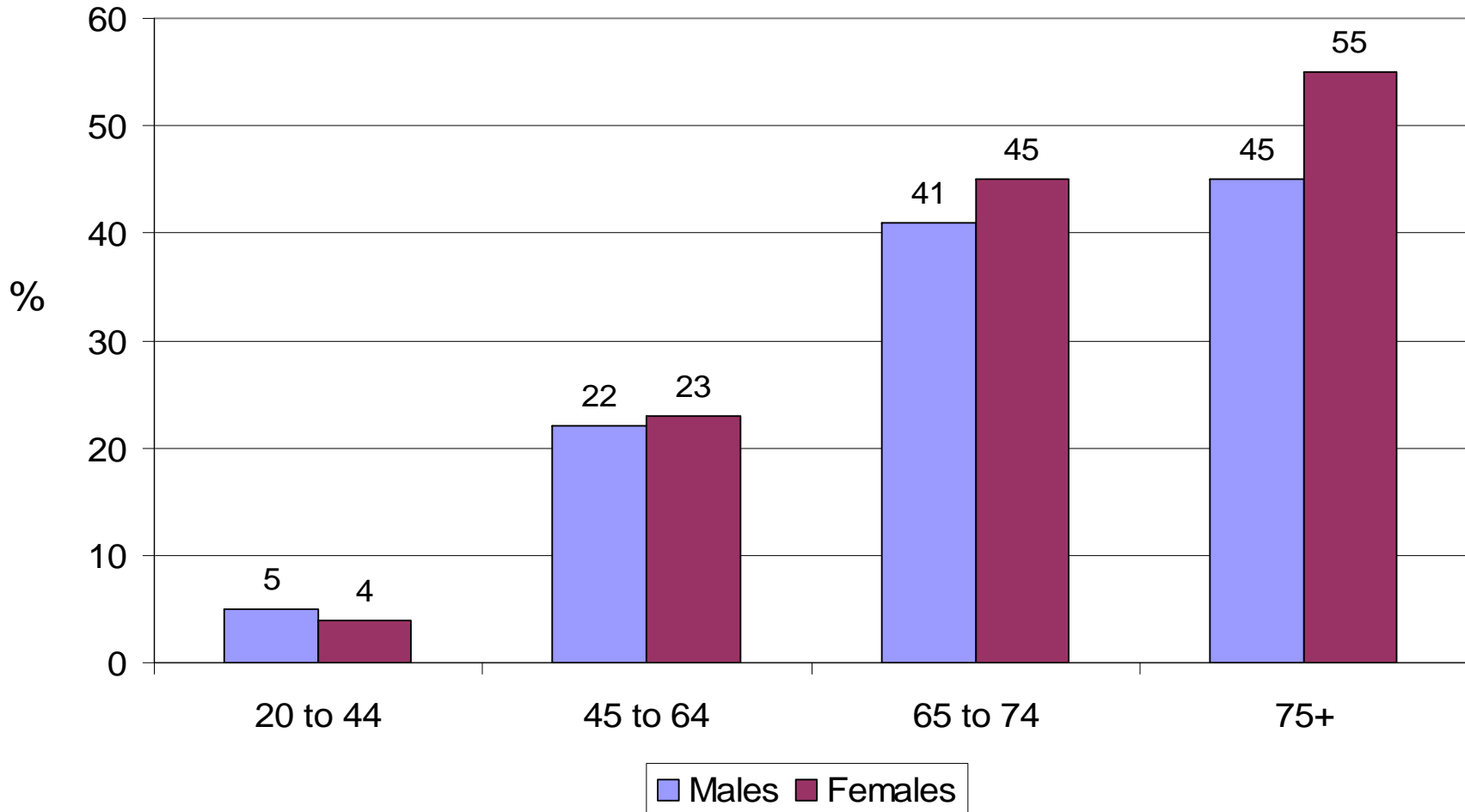


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Prevalence of hypertension, by age and sex, Canada, 2007



Content development process

- **Initially attempted to have common content for all chronic conditions**
- **Content is disease specific—resulted in two separate questionnaires**
- **Collaboration between PHAC, expert groups and Statistics Canada**



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CCHS screening questions

- **“Now I’d like to ask about certain chronic health conditions which you may have. We are interested in “long-term conditions” which are expected to last or have already lasted 6 months or more and that have been diagnosed by a health professional.”**
- **Arthritis:**
“Do you have arthritis, excluding fibromyalgia?”



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CCHS screening questions

- **Hypertension:**

“Do you have high blood pressure?”

“Have you ever been diagnosed with high blood pressure?”

“In the past month, have you taken any medication for high blood pressure?”

“Were you pregnant when you were first diagnosed with high blood pressure?”

“Other than during pregnancy, has a health professional ever told you that you have high blood pressure?”



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Qualitative testing

- **Survey content was tested with cognitive interviews**
- **English testing was conducted in Ottawa—
17 interviews total**
- **French testing was conducted in Montreal—
15 interviews total**
- **Based on the results, revisions were made to
the two questionnaires**



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Arthritis survey content

- General health
- Diagnosis and family history
- Symptoms and severity
- Restriction of activities
- Restriction of work-related activities
- Medication use
- Health care utilization
- Clinical recommendations
- Self-management
- Support and well-being
- Information
- Socio-demographics



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Hypertension survey content

- **Blood pressure measurement**
- **Medication use**
- **Health care utilization**
- **Clinical recommendations**
- **Self-management**
- **Self-monitoring of blood pressure**
- **Information**
- **Socio-demographics**



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Survey timeline

- **Currently finalizing the questionnaire and building CATI application**
- **Collection will take place between February 1 and March 31, 2009**
- **Processing will take place spring and early summer 2009**
- **Data release is tentatively scheduled for fall 2009**



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Record linkage

- **Variables available on the CCHS main survey will not be asked to reduce respondent burden**
- **Combining responses from the CCHS with the SLCDC supplement is record linkage**
- **Need to have record linkage approval from STC to do this, as well as consent from respondents**



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Data access

- **Two separate data files—one for hypertension and one for arthritis**
- **Master files will be available at the Research Data Centres**
- **Share files will be provided to our share partner(s)**



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Questions?

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