

General Social Survey on Time Use: from 1986 to 2015

Patricia Houle, Time Use survey
Manager
General Social Survey Program
Social and Aboriginal Statistics Division

www.statcan.gc.ca

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STATISTICS CANADA
ONE HUNDRED YEARS AND COUNTING

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Preview

Overview of Time Use survey from 1986 to 2015

Collection tools and coding

2015 survey results

- parents
- seniors
- eating habits

Moving forward



Overview of Time Use survey

- Survey methodology

- A random sample is drawn from a telephone frame containing landlines and cell phone numbers in the 10 Canadian provinces.
- Each contacted household rosters every person living there. From the list, one person 15 years old or more is randomly selected to complete the survey.
- During sample creation, a reference day was assigned to each case. The selected respondent must report his activities during a 24 hour period for this specific day.
- The retrospective interview must be completed no later than 48 hours from the reference day to enhance recall.



Overview of Time Use survey

- Survey methodology

A constant number of cases need to be completed for every day of the week during a full 12 month period.

This method allows collection of representative data for each day of the week and can also reflect the seasonality of the activities.

Data are collected using a computer assisted telephone interviewing and activities are coded by the interviewers during the interview.

In 2015 self completion mode was also used via an electronic questionnaire (EQ)



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Overview of Time Use survey

- Methodology

In contrary to other surveys, a conversational style is used with respondents. The interviewers do not have to stick with asking the diary questions as worded, but instead help the respondent to remember what he did during the 24 hours of his reference day.

Collection tool and coding

- 24 hour diary
 - Each diary starts with activities from 4:00 a.m. on the reference day.
 - Six endlessly questions are asked to the respondent.
 - In 2015, a new question on subjective wellbeing was asked twice based on two random hours.

CATI collection

Yesterday at 4:00 AM, what were you doing?

Code:

Main Activity:

How long did you spend on this activity?

Start :

End :

Hours :


Minutes :

Were you doing anything else at the same time?

Code:

Simultaneous Activity:

Who was with you?

- On my own  Or Spouse, partner
- Household child(ren) - less than 15 years old
 - Household child(ren) - 15 years or older
 - Parents or parents-in-law
 - Other household adult(s)
 - Other family member(s) from other households
 - Friend(s)
 - Colleague(s) / classmate(s)
 - Other people

Where were you?

During this time period, did you use any information technology device such as a tablet, smartphone, computer or laptop?

Time Use

7%

General Time Use

The next questions will deal with your use of time for 24-hour period starting at 4:00 in the morning.

You will be asked to provide details of your activities over a 24-hour period on a specific day. Please report all activities that lasted at least 10 minutes, including activities such as travelling from place to place.

You will be asked to list the different activities done during this past Monday.

Stop & Finish Later

< Previous

Next >

EQ Diary instrument

What were you doing at **4:00 a.m.**?

<<< Select >>>

Sleeping

Sleeping, napping, resting, relaxing, sick in bed

Own personal care

Personal - hygiene, washing, dressing, hair care, brushing teeth

Praying, spiritual activities, meditating

Sexual activities

Health professional visit, consultation

Taking blood pressure, sugar level, medication, treatment

Eating or drinking

Preparation - meals, snacks, lunches

Eating or drinking - meals, snacks, drinks

Paid work activities

Working at main job or other jobs

Business travel

Looking for work

Other income-generating activities

Paid training

Personal appointment

Break or lunch

Studying or learning

Main schooling full time/part time - on site

Main schooling full time/part time - online

Homework

Self development

Break or lunch

Leisure and special interest classes

Travel and going from place to place

Transport to or from activity

Household chores or maintenance

Starting at 4:00 AM, how long did this activity last?

<<< Hour >>>

<<< Minute >>>

Please indicate if you were doing any of these activities at the same time.

4:00 AM ;

Simultaneous Activity 1

<<< Select >>>

Simultaneous Activity 2

<<< Select >>>

Where were you?

4:00 AM ;

<<< Select >>>

Who was with you?

4:00 AM ;

Select all that apply

On my own

OR

Spouse, partner

Household child, children (less than 15 years old)

Household child, children (15 years or older)

Parents or parents-in-law

Other household adult(s)

Other family member(s) from other households

Friend(s)

Colleague(s), classmate(s)

Other people

During this time period, did you use any information technology device such as a tablet, smartphone, computer or laptop?

4:00 AM ;

Yes

No

2015 Subjective wellbeing scale question



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On a scale of -3 to +3 where -3 means very unpleasant and +3 means very pleasant; at **11 o'clock**, how would you rate the activity you were doing?

- 3
- 2
- 1
- 0
- +1
- +2
- +3

Collection tool and coding

In 2010, in order to get information on simultaneous activities, open question was added to the diary.

Mainly passive activities were provided

In 2015, a pre-selected activity list was provided and the number of simultaneous activities were limited to 2.

Collection tool and coding



CODE	Simultaneous activities
100	Preparing meals
101	Eating or drinking
102	Housework
103	Parenting, care or assistance to others
104	Organizing, planning or paying bills
105	Pet care
106	Social interaction such as talking or conversation
107	Social networking, texting, emailing
108	Reading
109	Watching TV or videos
110	Listening to music or radio
111	General computer use
112	Hobbies
113	Other

Code	Who you were with
200	On my own
201	Spouse, partner
202	Household child(ren) - less than 15 years old
203	Household child(ren) - 15 years or older
204	Parents or parents-in-law
205	Other household adult(s)
206	Other family member(s) from other households
207	Friend(s)
208	Colleague(s) or classmate(s)
209	Other people

Collection tool and coding



CODE	Where were you
300	At home or on property
301	At place of work or school
302	Away on business
303	At someone else's home or property
304	In the neighbourhood
305	Outdoors
306	Grocery store, other stores or mall
307	Library, museum or theatre
308	Sports centre, field or arena
309	Restaurant, bar or club
310	Place of worship
311	Medical, dental or other health clinic
312	Elsewhere

CODE	Where were you
313	Travel - Car (Driver)
314	Travel - Car (Passenger)
315	Travel - Walk
316	Travel - Bus (includes street cars, metro)
317	Travel - Airplane
318	Travel - Bicycle
319	Travel - Taxi, Limousine Service
320	Travel - Boat, ferry
321	Travel - Other

Activity codes accross cycles

Cycle 2 = 84 activity codes

Cycle 7 = 153 activity codes

Cycle 12 = 163 activity codes

Cycle 19 = 167 activity codes

Cycle 24 = 264 activity codes

Cycle 29 = 64 activity codes

- Precision of activity was behind the codes expansion
- Collection complexity was behind codes reduction

At the end of the day activity grouping is used for analytical and dissemination purposes.



Activity codes accross cycles

Canadian Time Use has 14 major indicators

Sleep

Personal care

Eating and drinking

Travel and going from place to place

Paid work activities

Studying or learning

Household chores and maintenance

Parental role, caring and help to others

Shopping for goods and services

Socializing and communicating

Civic, religious and organisational activities

Sports, exercise and outdoor activities

Leisure, hobbies and down time

Other (uncodable or unknown)



Subjective wellbeing question

Starting with cycle 7 a question was asked to know which activity was the most pleasant or liked. During cycle 24 consultation, this measure was not considered essential and was removed.

In 2013, the OCDE made a specific request to Statistics Canada to add a subjective wellbeing measure within the diary instrument.



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2015 Time Use Survey Results

- parents
- seniors
- eating habits

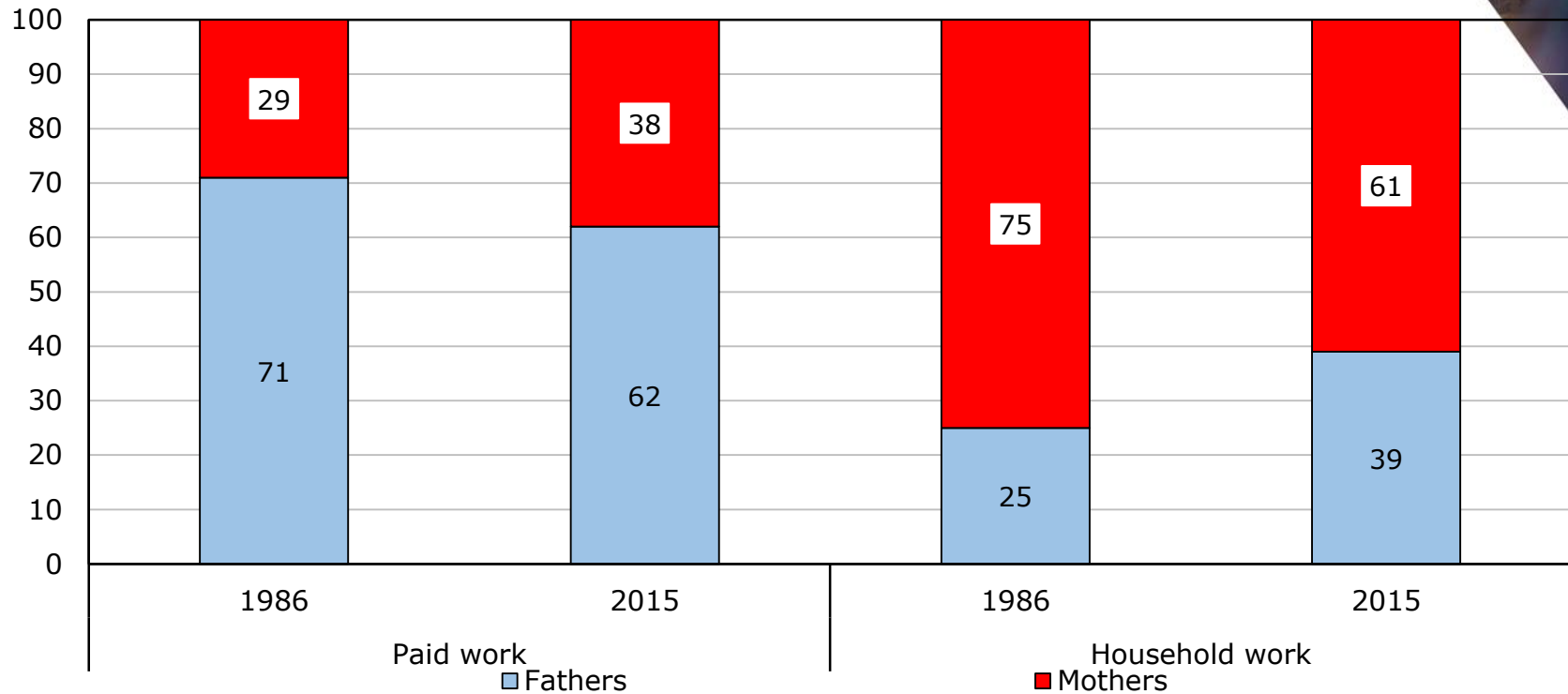


2015 Time Use Survey: Paid and unpaid work done by parents

Chart 1

Percentage distribution of the total number of hours of paid work and unpaid household work done by parents, by sex, 1986 and 2015

percentage



Sources: Statistics Canada, 1986 and 2015 General Social Survey.

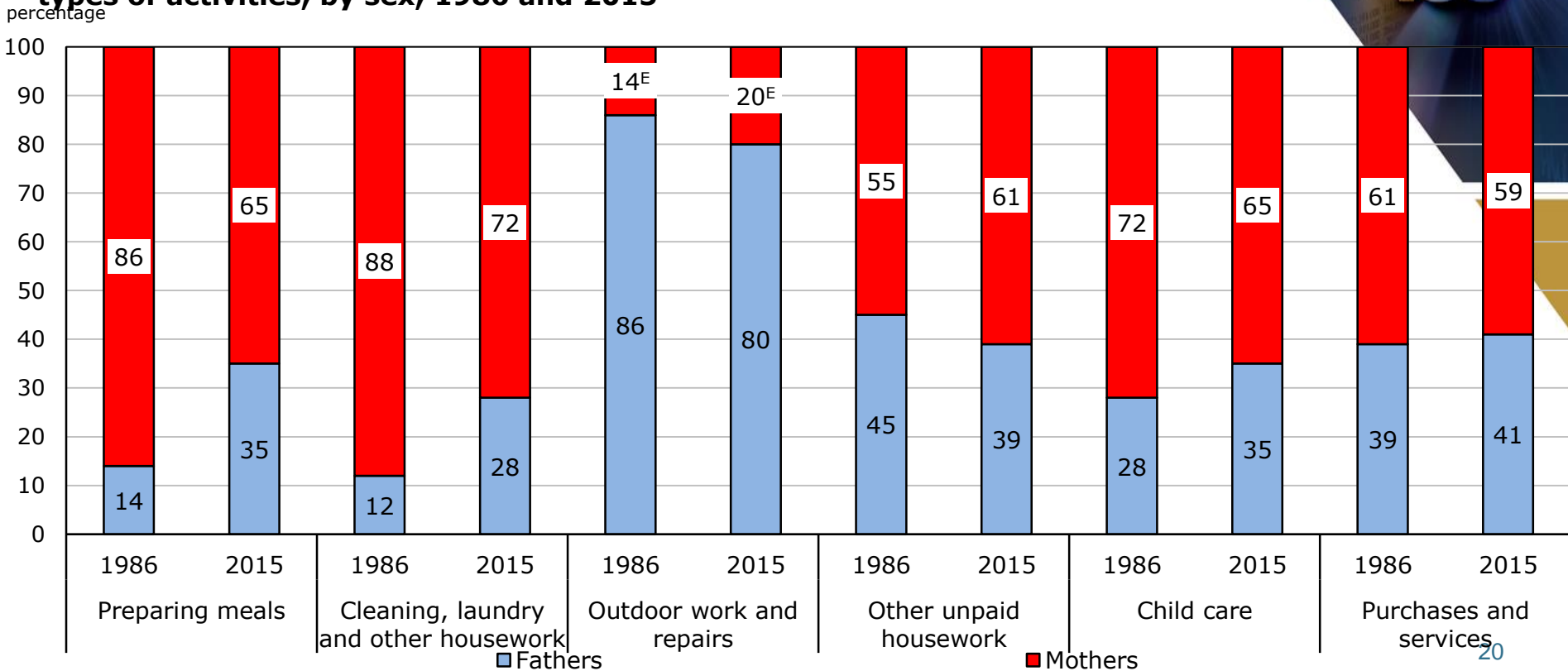
2015 Time Use Survey:

Parents' distribution of unpaid activities



Chart 2

Percentage distribution of the total number of hours devoted by parents to different types of activities, by sex, 1986 and 2015



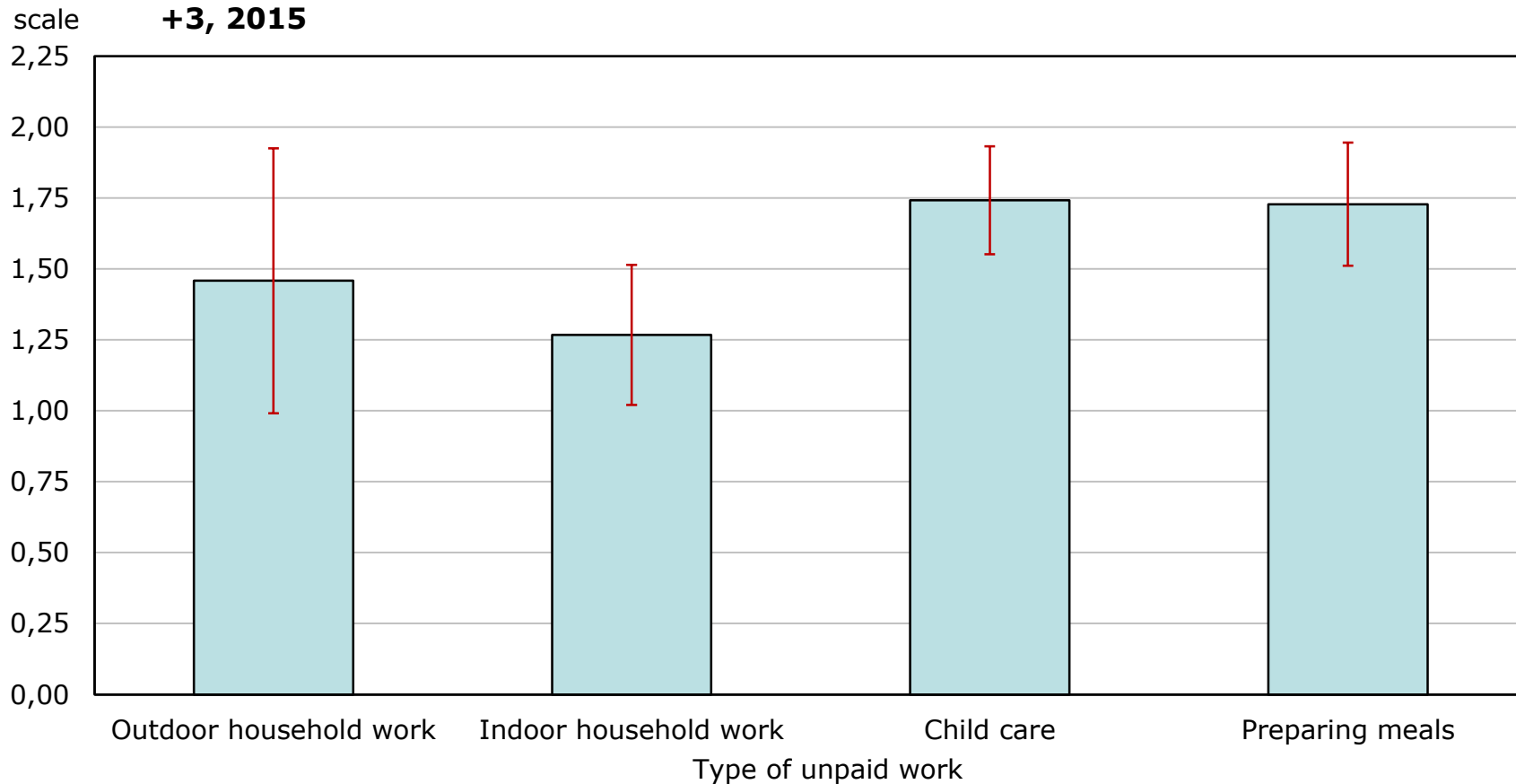
^E use with caution

Sources: Statistics Canada, 1986 and 2015 General Social Survey.

2015 Time Use Survey: Parents: pleasantness of unpaid activities

Chart 3

Parents' ranking of how pleasant unpaid activities are on a scale of -3 to +3, 2015



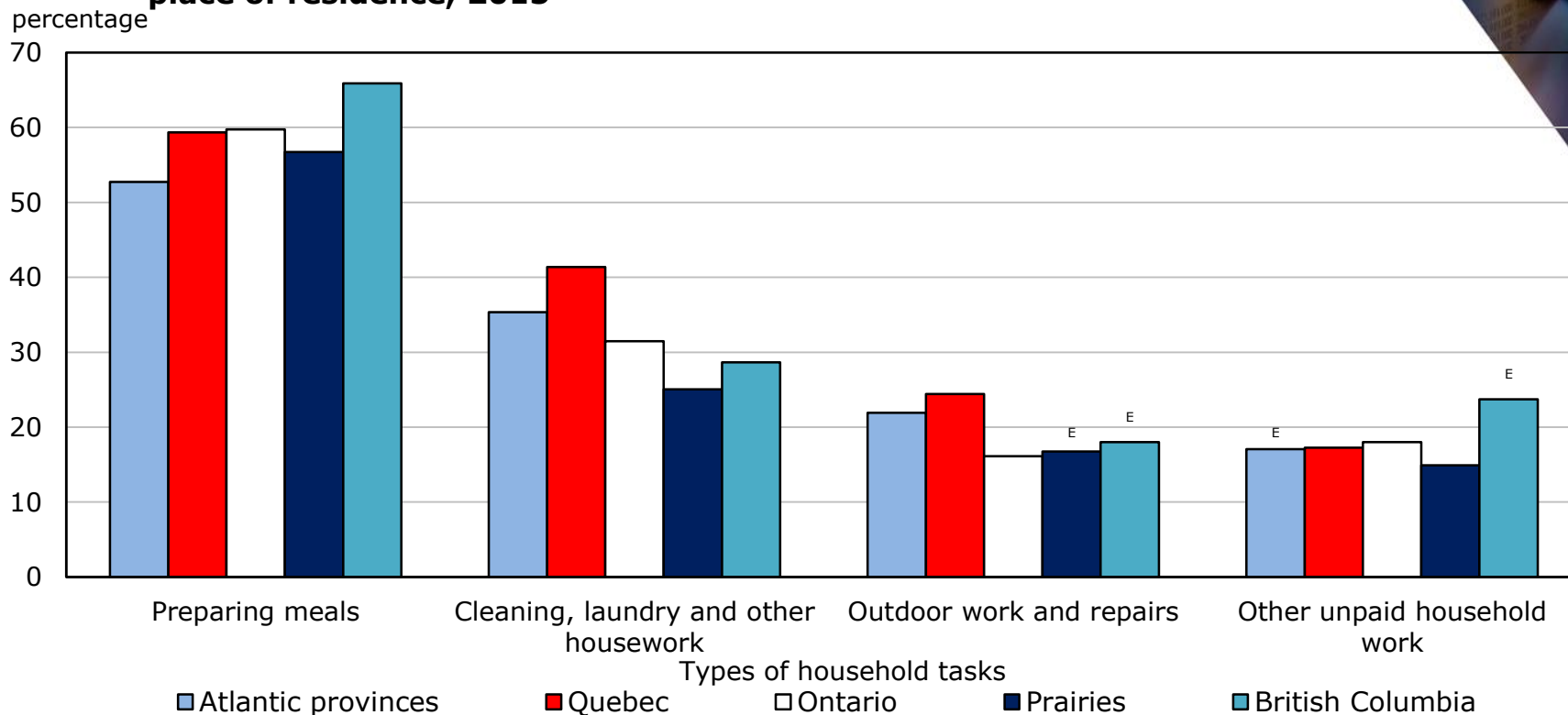
I confidence interval

Source: Statistics Canada, 2015 General Social Survey.

2015 Time Use Survey: Fathers and unpaid work by province



Chart 4
Daily participation rate of fathers in different types of household work, by place of residence, 2015



^E use with caution

Source: Statistics Canada, 2015 General Social Survey.



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2015 Time Use Survey Results

- parents
- **seniors**
- eating habits

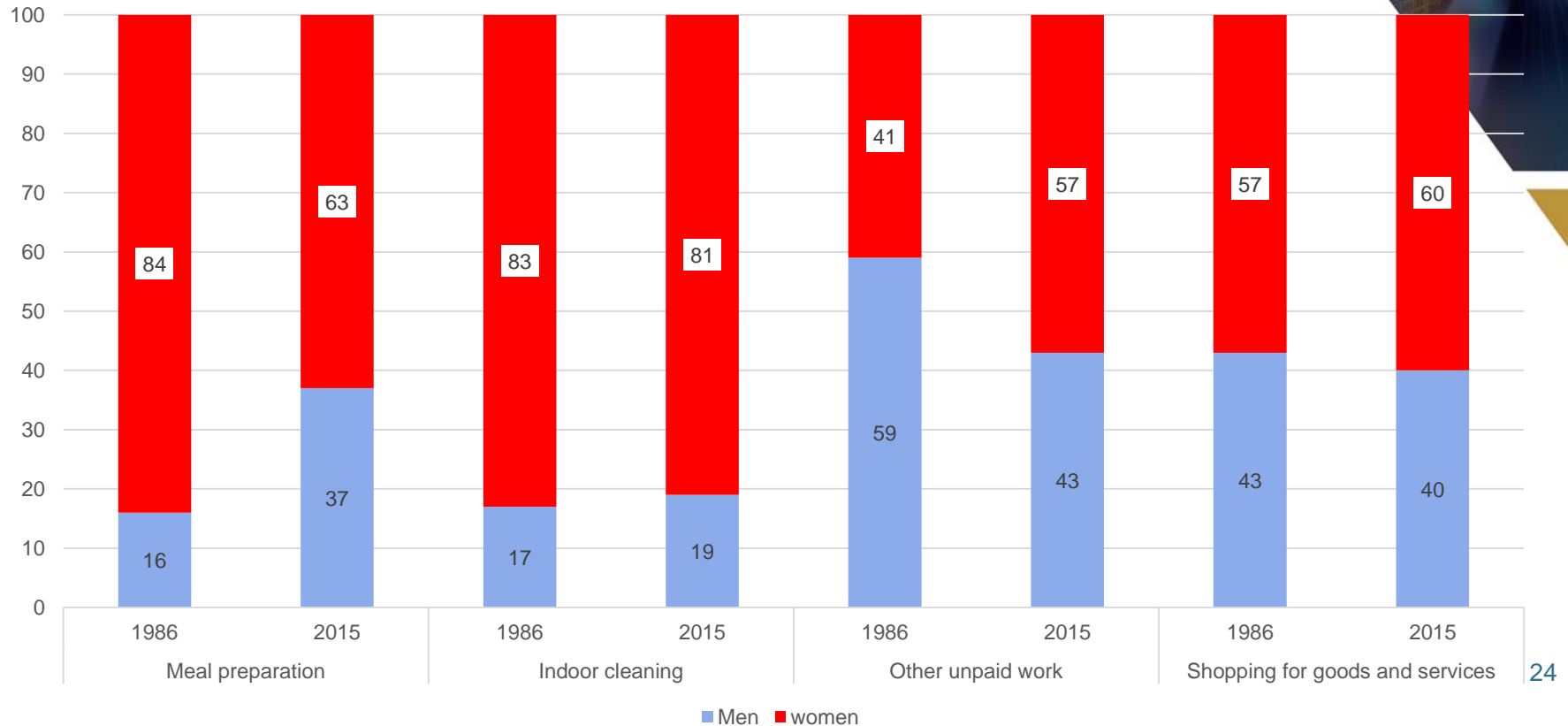
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2015 Time Use Survey: Seniors' distribution of unpaid activities

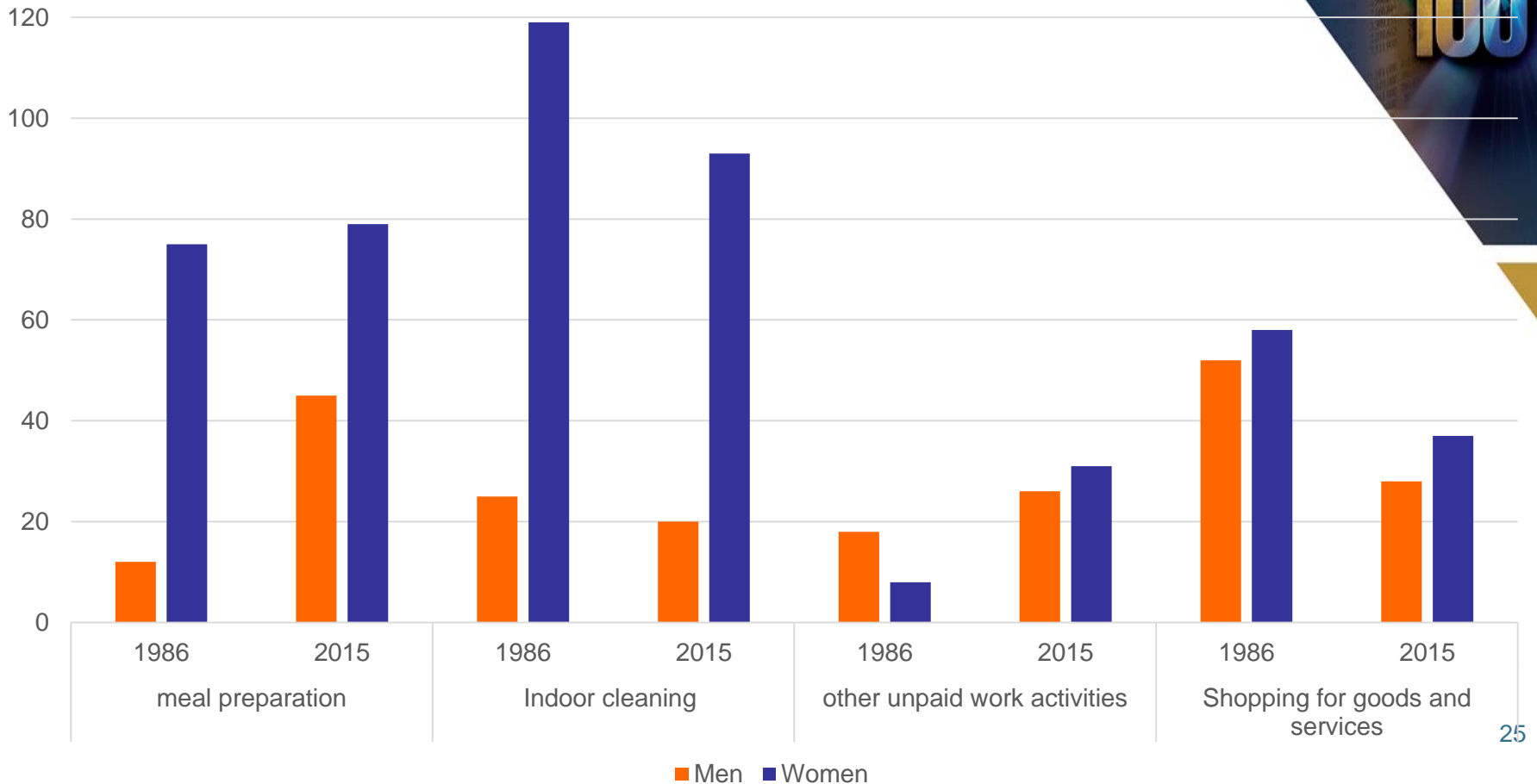


Percentage distribution of the total number of hours devoted by seniors 65-74 to different types of unpaid activities, by sex, 1986 and 2015



2015 Time Use seniors survey results

Average time spent in minutes on unpaid activities by seniors 65-74 years old married or living in a common law relationship



2015 Time Use seniors survey results

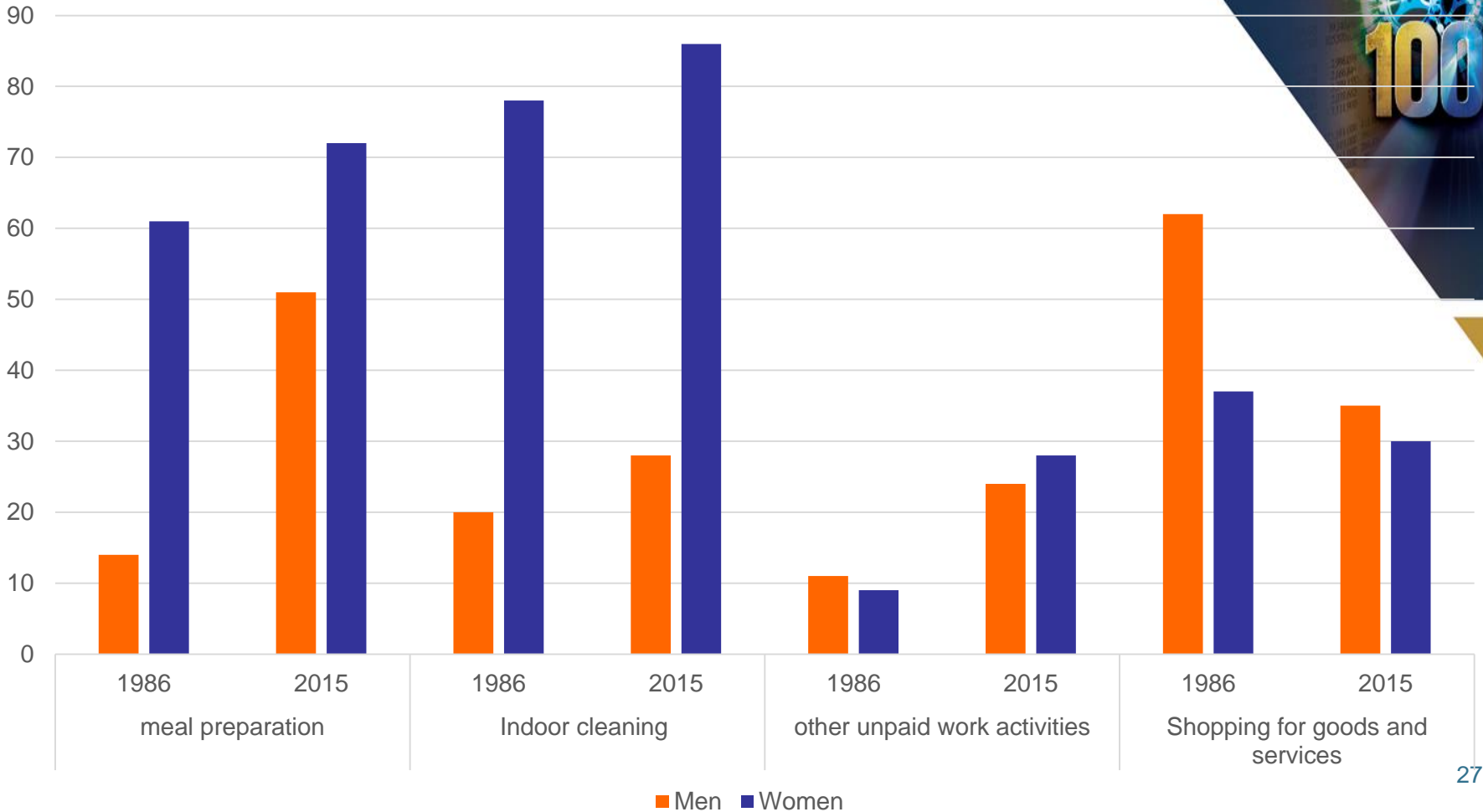


Average time spent in minutes on unpaid activities by single seniors 65-74 years old



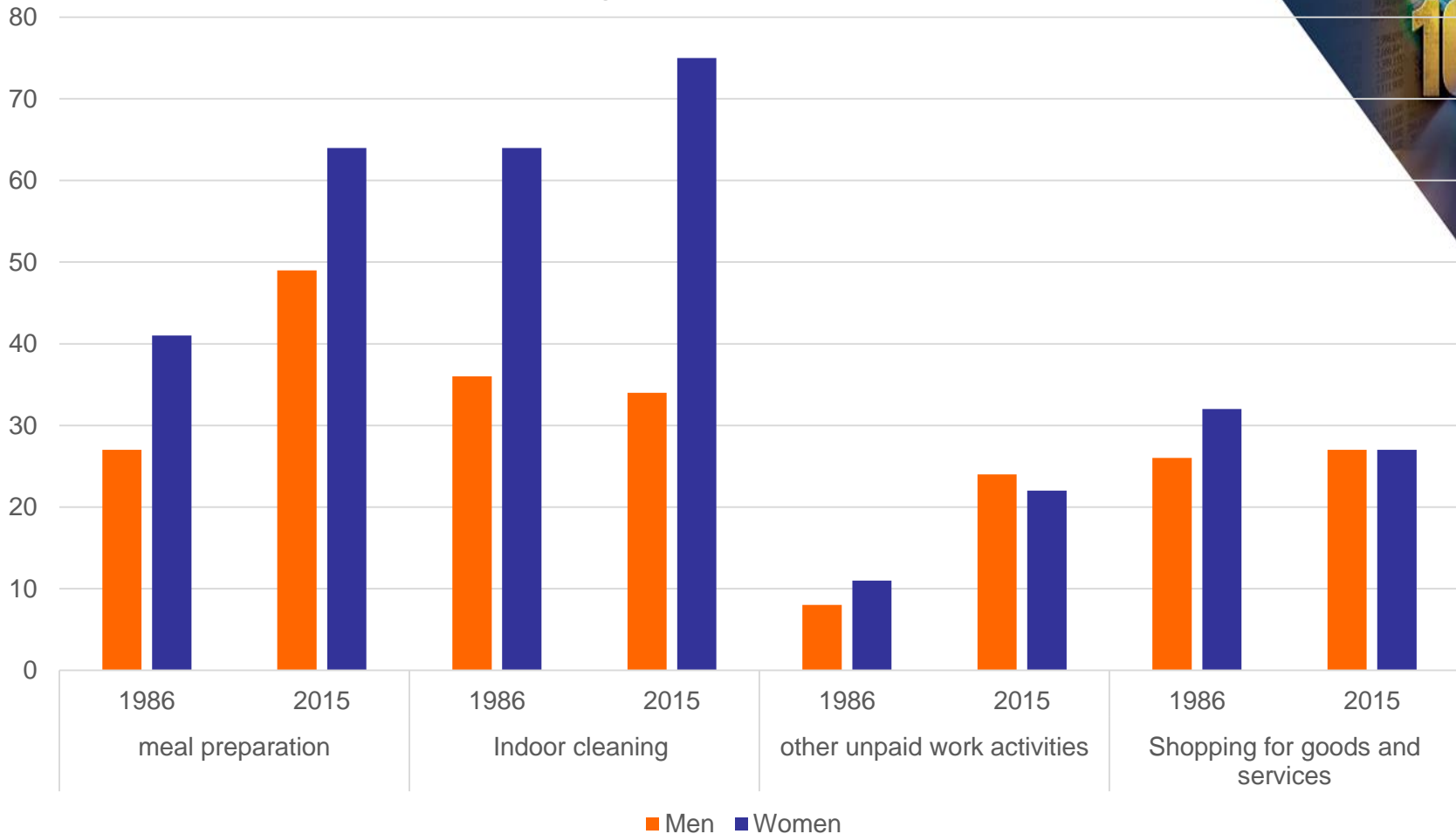
2015 Time Use seniors survey results

Average time spent in minutes on unpaid activities by seniors aged 75 and over married or living in a common law relationship



2015 Time Use seniors survey results

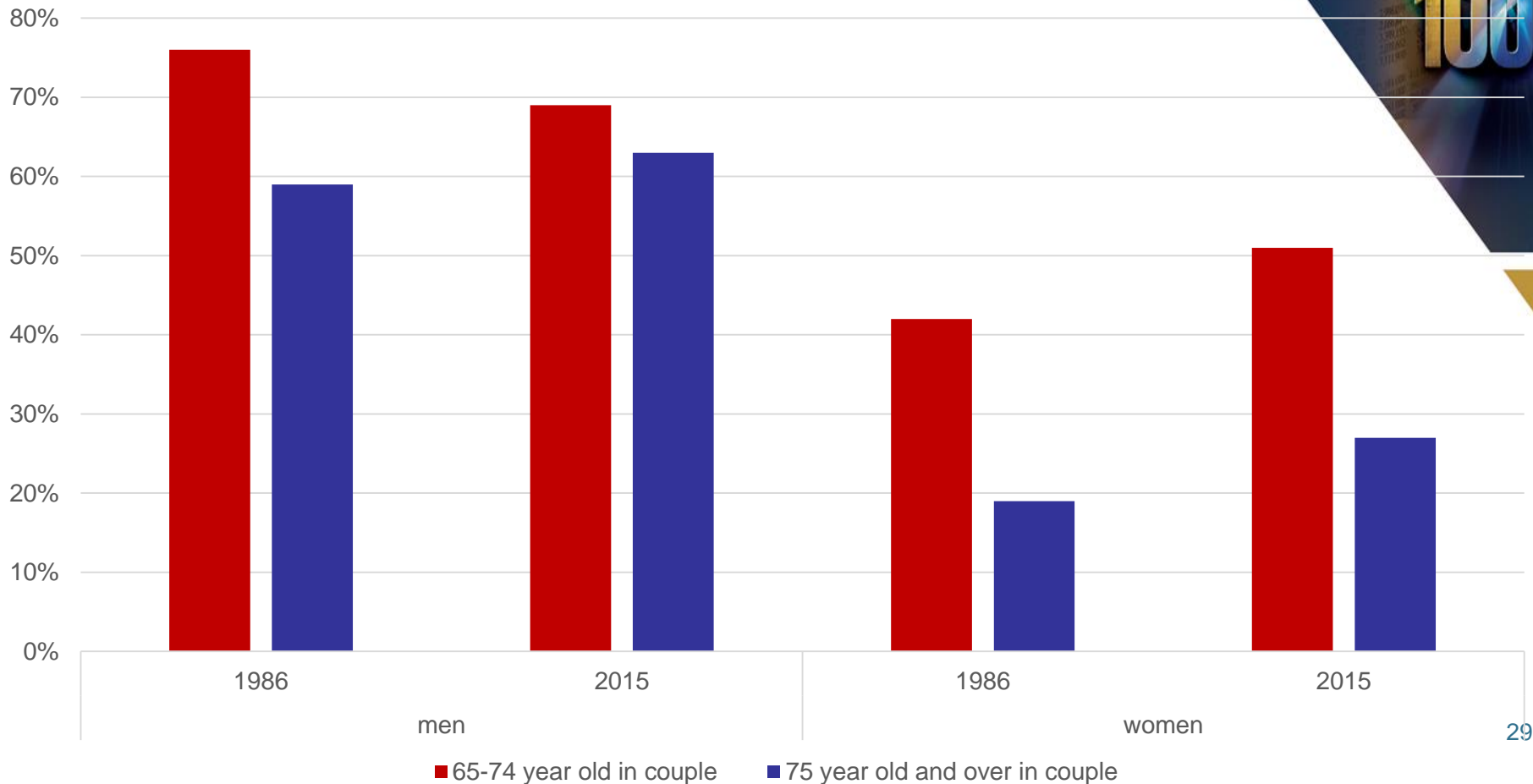
Average time spent in minutes on unpaid activities by single seniors aged 75 and over



2015 Time Use seniors survey results



Percentage comparison of seniors being in couple by age group and year





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2015 Time Use Survey Results

- parents
- seniors
- **eating habits**

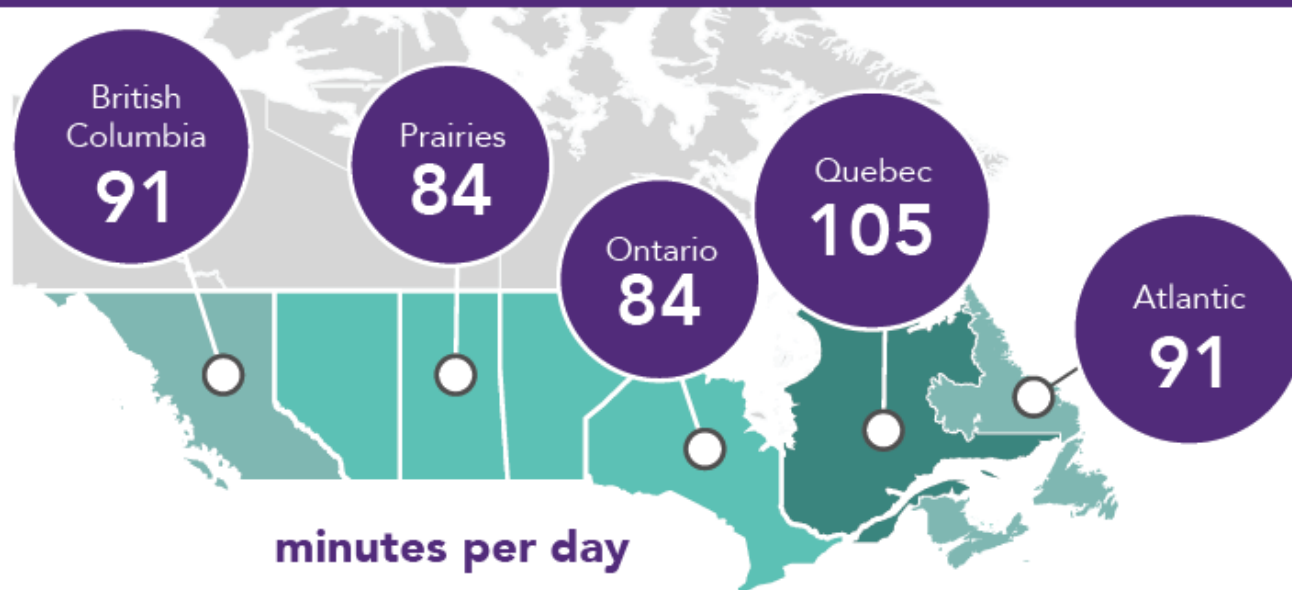
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2015 Time Use Survey: Canadian eating habits

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In 2015, Canadians spent an average of 91 minutes a day eating.



2015 Time Use Survey: Canadian eating habits



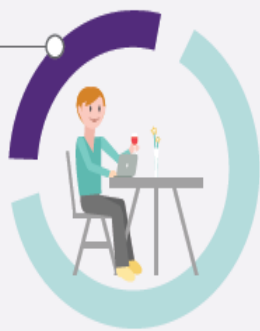
Who do Canadians eat with?

Among people who had a partner

Distribution of respondents who ate with their children under 15 years of age

30%

of Canadians
ate all of their
daily meals
alone



30%

hadn't eaten
any meals
with their
partner



34%

0 meals

8%

3 meals
or more

19%

2 meals

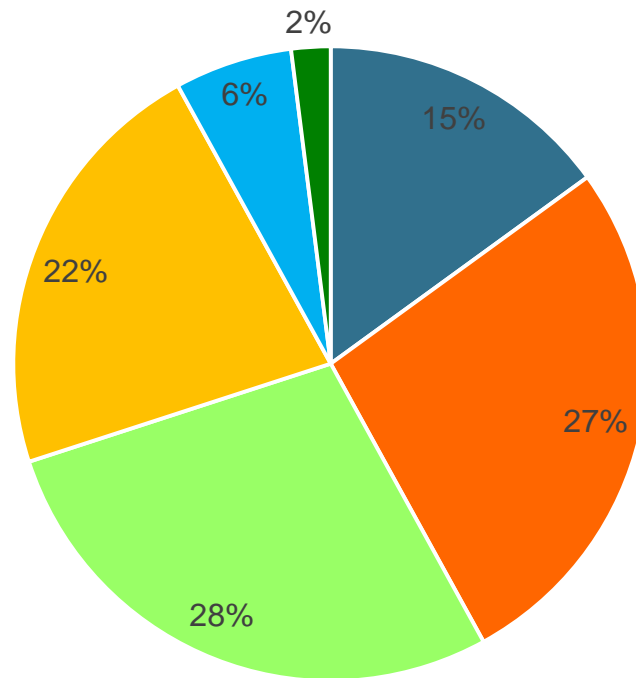
39%

1 meal



2015 Time Use Survey: Canadian eating habits

Distribution of the number of eating episode as a main activity per day



■ 0 time ■ 1 time ■ 2 times ■ 3 times ■ 4 times ■ 5+ times

Moving forward

- In the coming months design testing will be run in preparation of the next collection
 - Experiment a Yesterday VS Reference day
 - Exploration of applications to collect data on time use



Moving forward

- Time Use survey is currently scheduled for collection in 2022. It will be the first survey to use new innovative tool for collection
- Content consultation should start in Fall 2020
- Start of collection aimed for January 2022



- Questions ???

Patricia Houle
Time Use Survey Manager
patricia.houle@canada.ca
1-613-854-8507