



Construction & Maintenance Looking Forward

Building Our Future Conference

Manitoba Women in Trades

Construction and Maintenance Looking Forward is an industry planning tool.

Winnipeg, M.B.
February 19th, 2020

An Assessment of
Construction Labour
Markets from
2020-2029



Construction and Maintenance Looking Forward



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Note: Definitions, methodology, and detailed tables are available at www.constructionforecasts.ca.

Disclaimer: Historical data may change periodically as BuildForce forecast estimates use data from Statistics Canada, which are subject to revision by Statistics Canada.

BuildForce Canada and the scenario forecast



About BuildForce Canada

- Originally created in 2001 as the Construction Sector Council
- A national industry-led organization committed to working with the construction industry to provide information and resources to assist with its management of workforce requirements
- Annual LMI (labour market information) forecast funded by Government of Canada through ESDC's *Sectoral Initiatives Program*

Strategic partners

Alberta Council of Turnaround
Industry Maintenance Stakeholders

BC Hydro

Canada's Building Trades Unions

Canadian Construction Association

Canadian Home Builders' Association

Canadian Natural Resources Limited

CLAC

Irving Oil

LNG Canada

Manitoba Hydro

Merit Canada

National Construction Labour
Relations Alliance

Ontario Power Generation

Progressive Contractors
Association of Canada

Suncor

Syncrude Canada

About the scenario forecast

- BuildForce scenario forecast based on:
 - macroeconomic and demographic data
 - construction and maintenance investment in residential and non-residential sectors
 - inventory of major construction projects
 - input of provincial LMI committees
- BuildForce labour market model covers 34 "on-site" trades and occupations and an "other" category that includes all remaining occupations (mostly office/administrative staff)
- Construction industry totals align with Statistics Canada's Labour Force Survey

Investment and employment trends

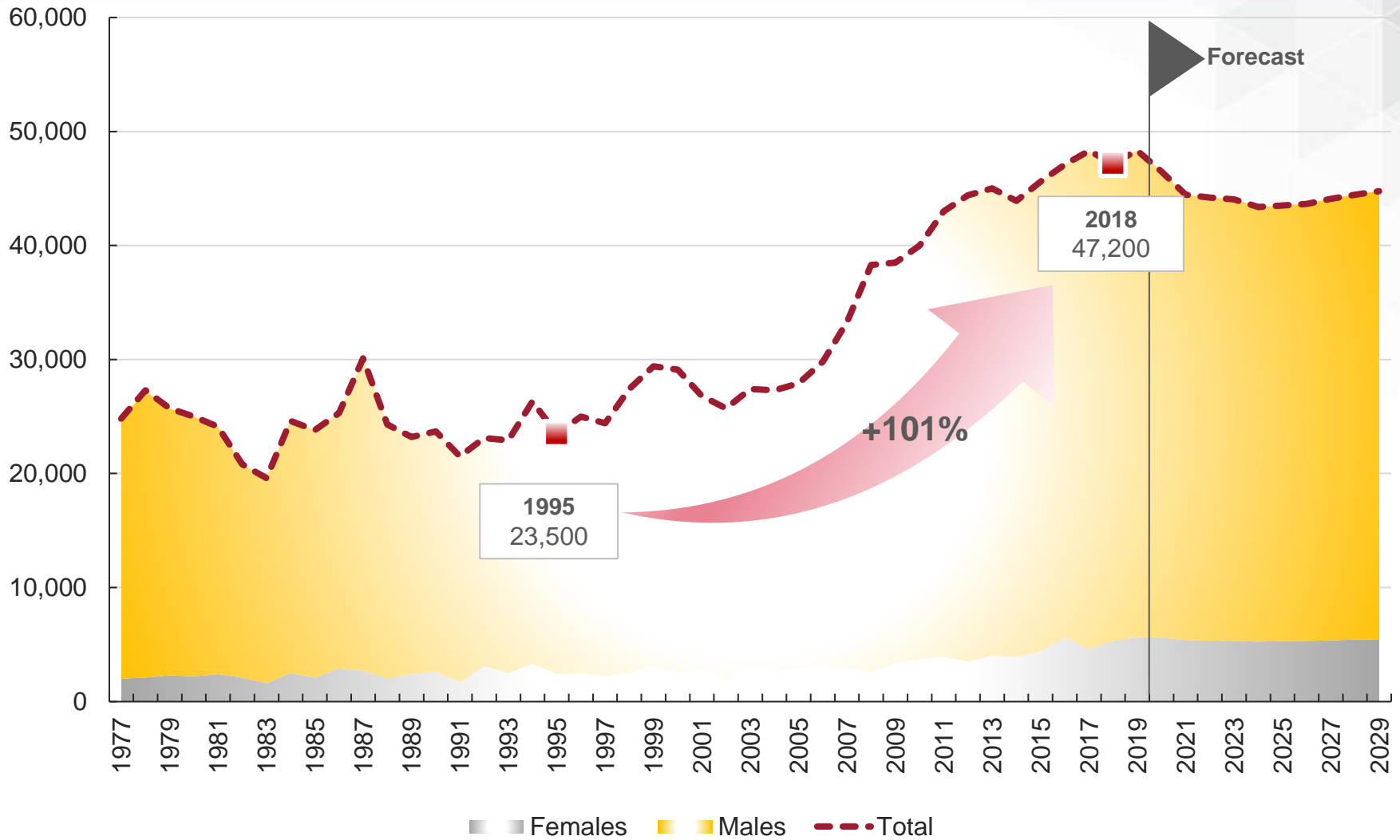


- Investment trends drive construction employment.
- Key markets/sectors include:
 - **Residential**
 - New housing (*single, semi-detached, row, highrise*)
 - Housing renovation
 - Maintenance (*property upkeep and maintaining living conditions*)
 - **Non-residential**
 - Industrial
 - Commercial
 - Institutional
 - Engineering
 - Industrial and utilities (*mining, oil and gas, and utilities*)
 - Roads, highways and bridges
 - Other (*pipelines, water and sewer lines, transit systems, tunnels, and other civil engineering*)

ICI Building

Construction industry snapshot

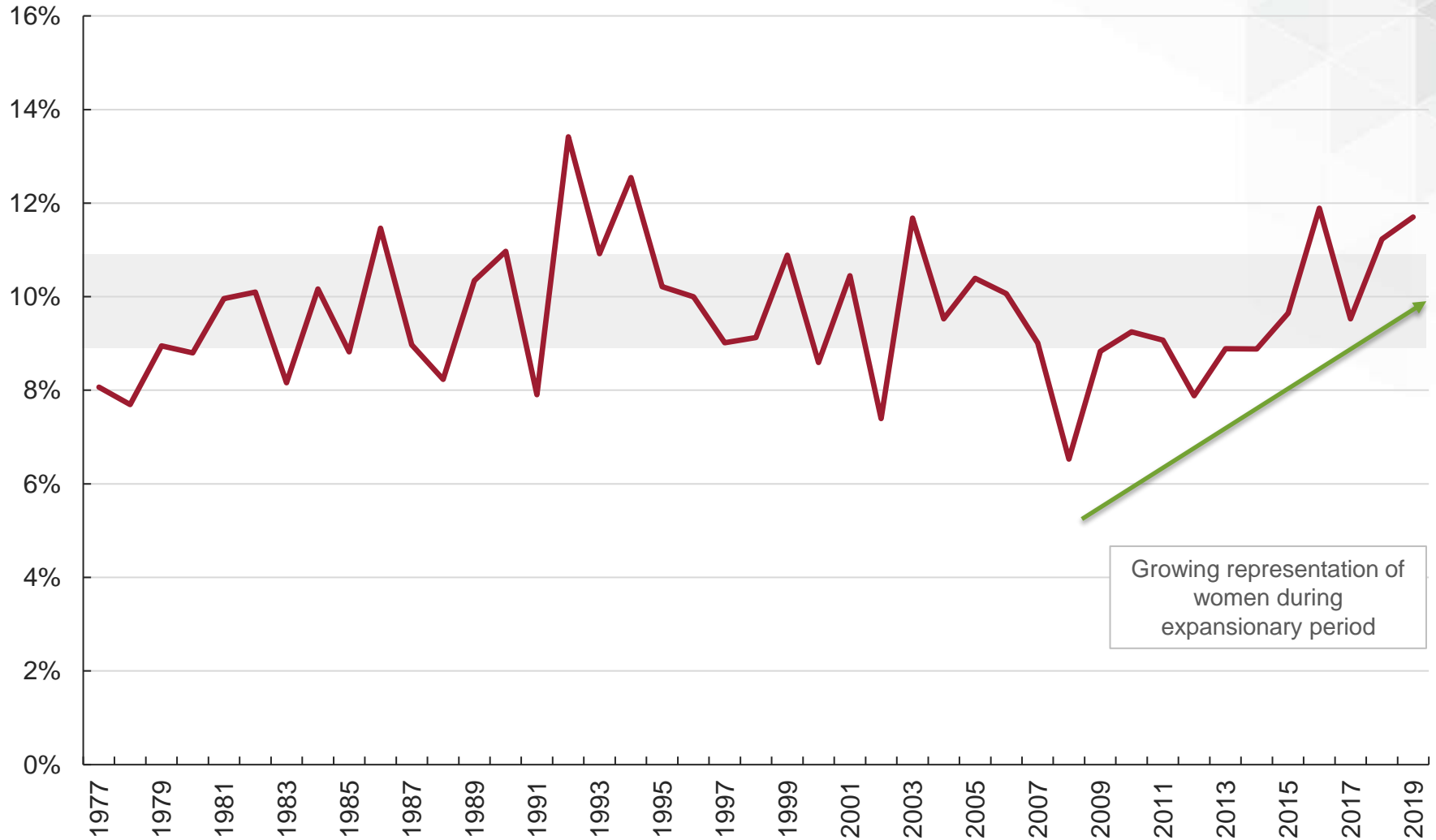
Manitoba: residential and non-residential employment



Source: Statistics Canada. Table 14-10-0023-01 Labour force characteristics by industry, annual (x 1,000); BuildForce Canada (2020-2029)

Construction industry snapshot

Manitoba: share of women in construction



Source: Statistics Canada. Table 14-10-0023-01 Labour force characteristics by industry, annual (x 1,000)

State of women in construction

Manitoba: women representation in provincial labour market



In 2019...

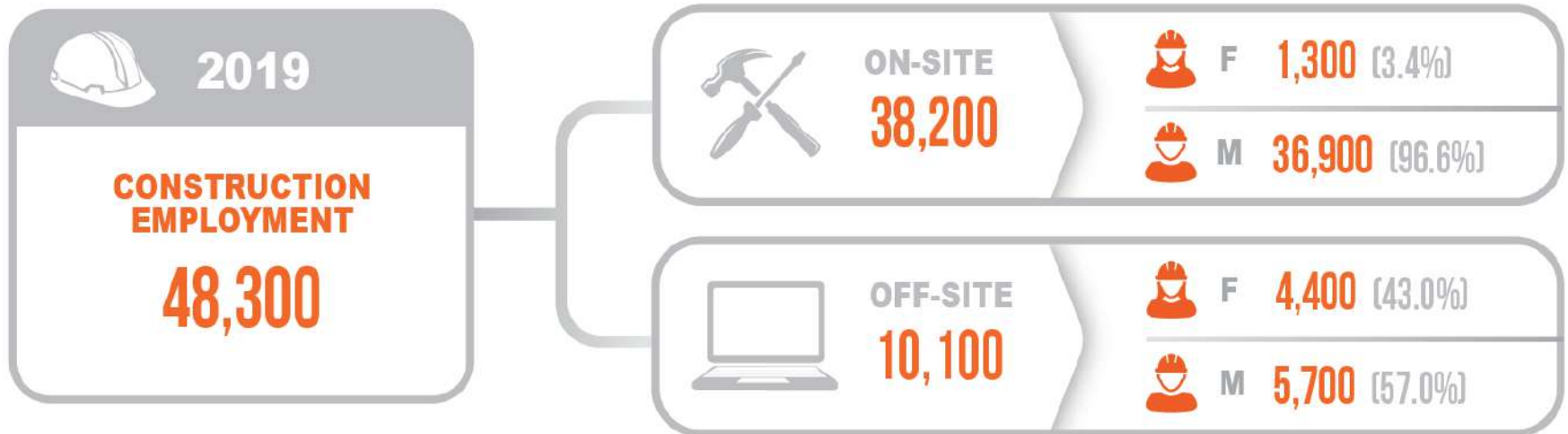
- ❖ **305,300** women employed in the province (out of 658,000 people employed)
- ❖ **5,700** women employed in the construction industry (out of 48,300 people employed)
- ❖ **1** in **54** (1.87%) working women employed in the construction industry
- ❖ Women account for **11.7%** of the construction workforce

State of women in construction

Manitoba: breakdown of construction employment

2019

Women represent **11.7%** of the total construction workforce but only **3.4%** of “on-site” workers



Source: BuildForce Canada calculations based on Statistics Canada's Labour Force Survey (LFS) and 2016 Census of the Population.

State of women in construction

Manitoba: share of women employment by trade

2019



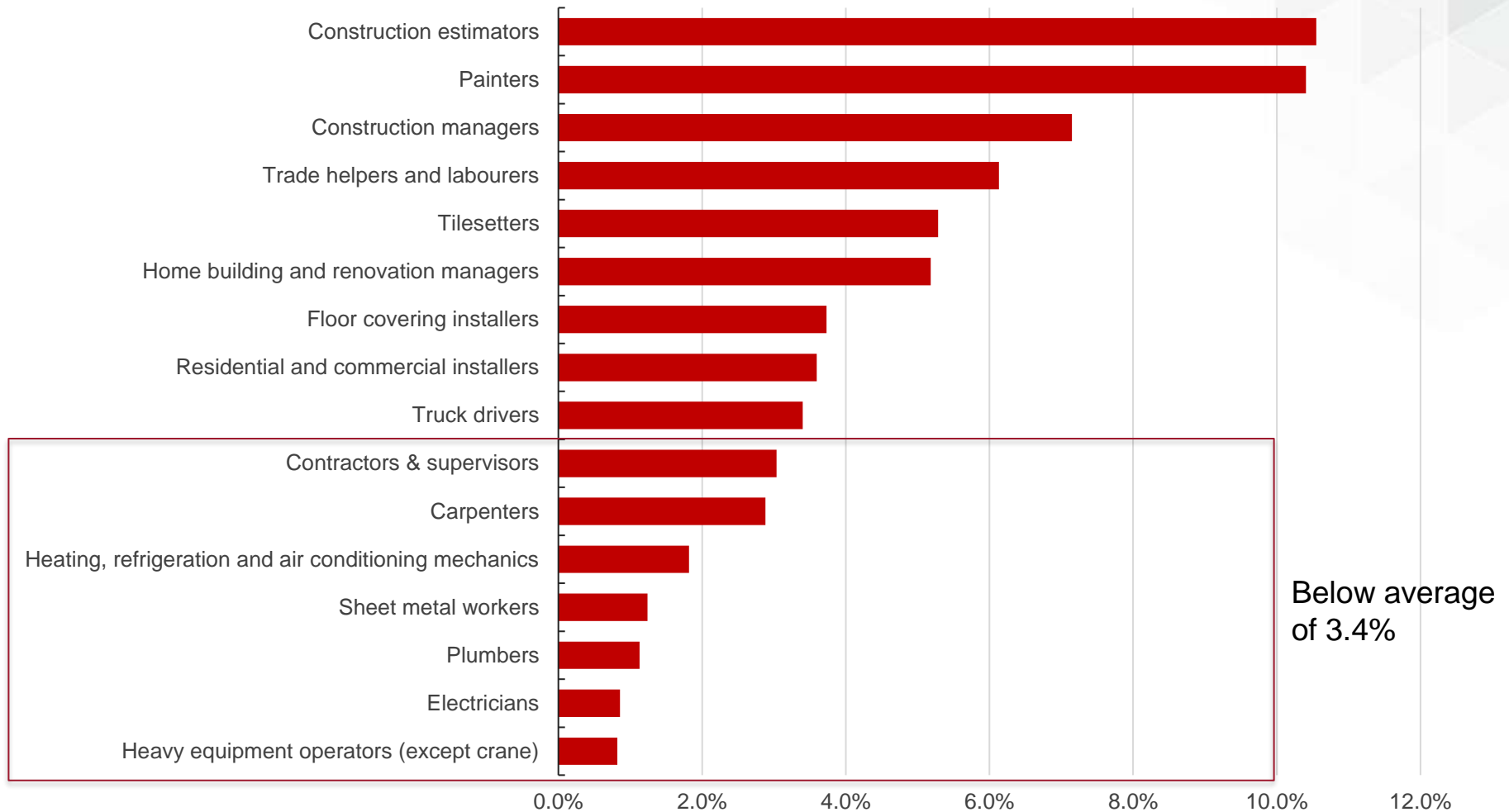
- Construction managers
- Homebuilding and renovation managers
- Construction estimators
- Carpenters
- Contractors and supervisors
- Truck drivers
- Trade helpers and labourers
- Other
- Painters

Source: BuildForce Canada (2020-2029)

State of women in construction

Manitoba: percentage of women in construction trades and occupations

2019



State of women in construction

Manitoba: women in “on-site” construction by sector



2019



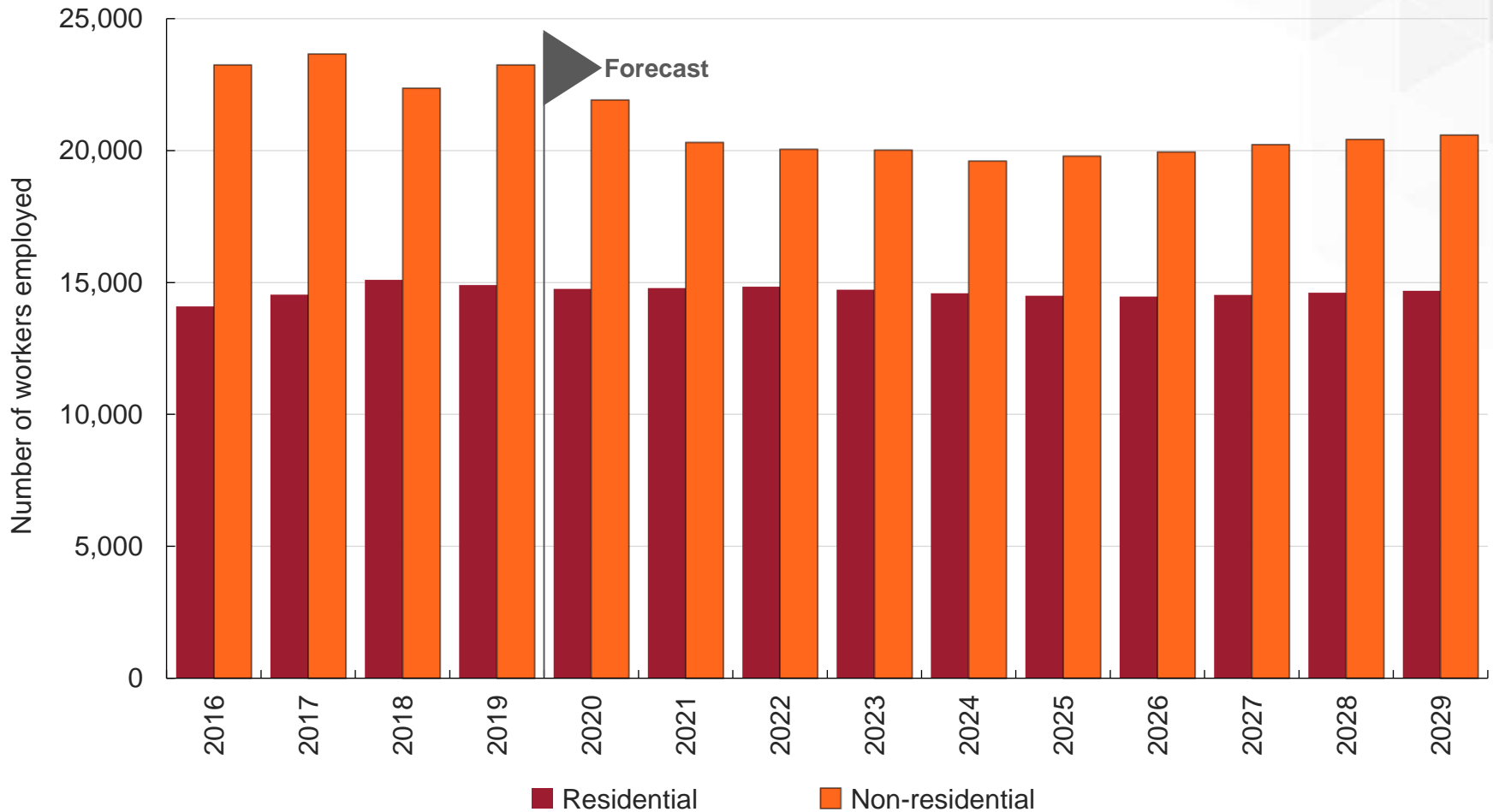
* industrial, commercial, institutional

Future demands for construction workers

Manitoba: construction employment outlook



Total direct trades and occupations



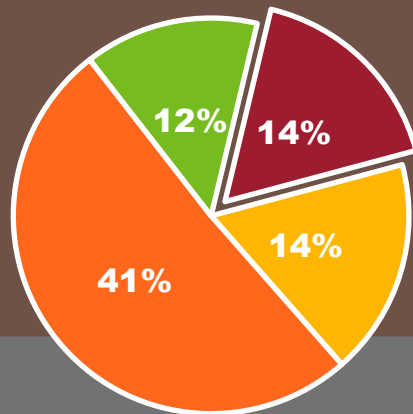
Source: Statistics Canada, BuildForce Canada (2020-2029)

Future demands for construction workers

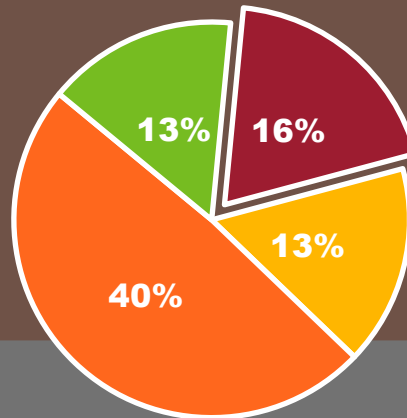
Manitoba: population age distribution



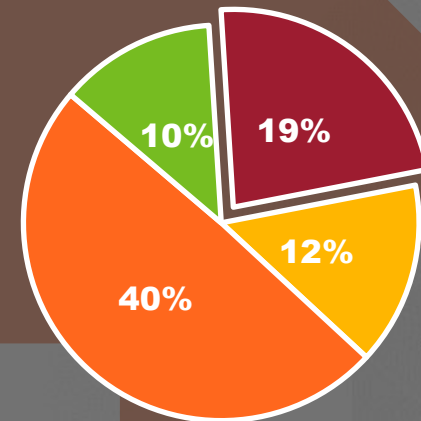
2009



2019

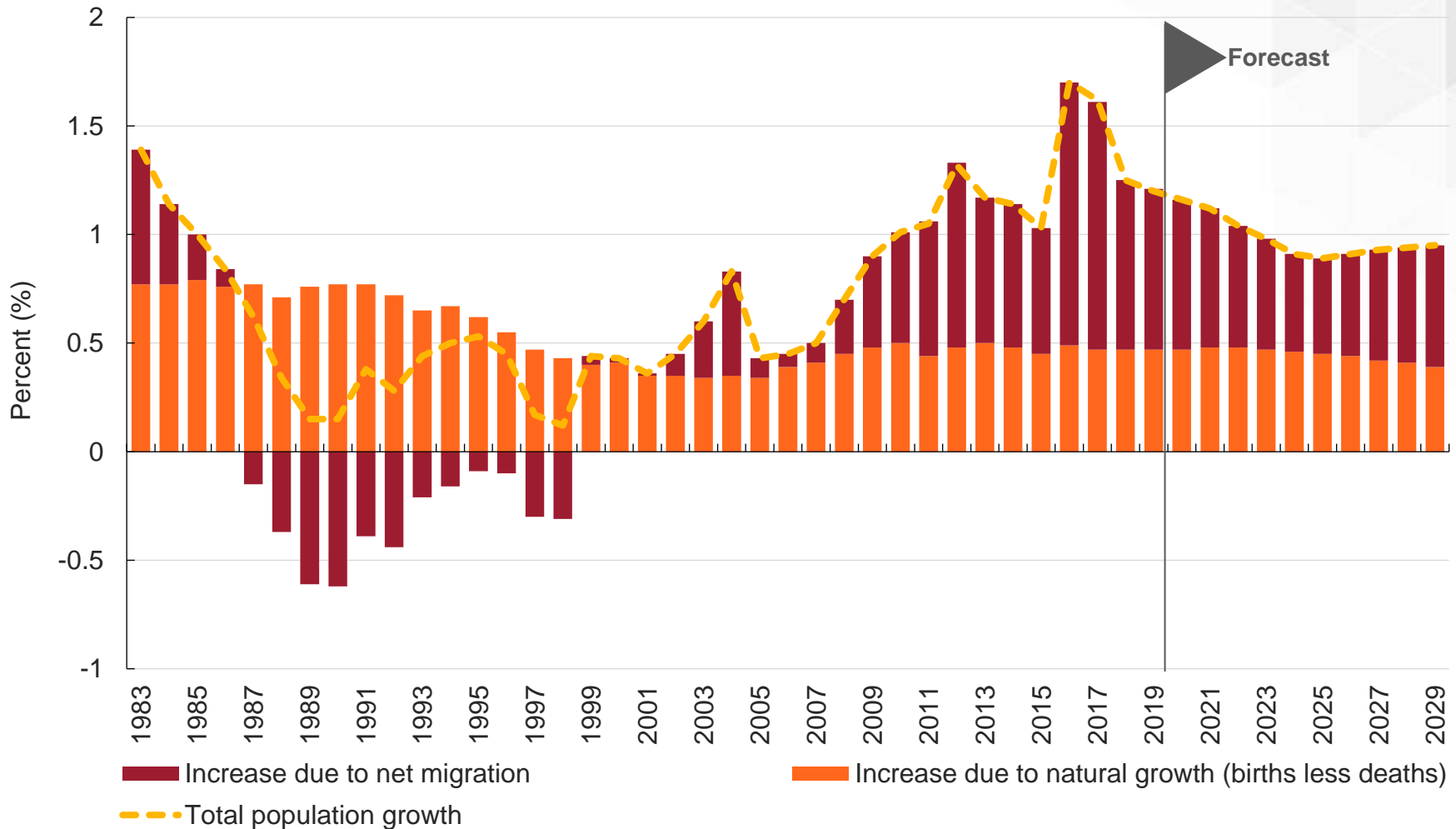


2029



Future demands for construction workers

Manitoba: population growth (%)



Source: Statistics Canada, BuildForce Canada (2020-2029)

Future demands for construction workers

Manitoba: changes in the available labour force



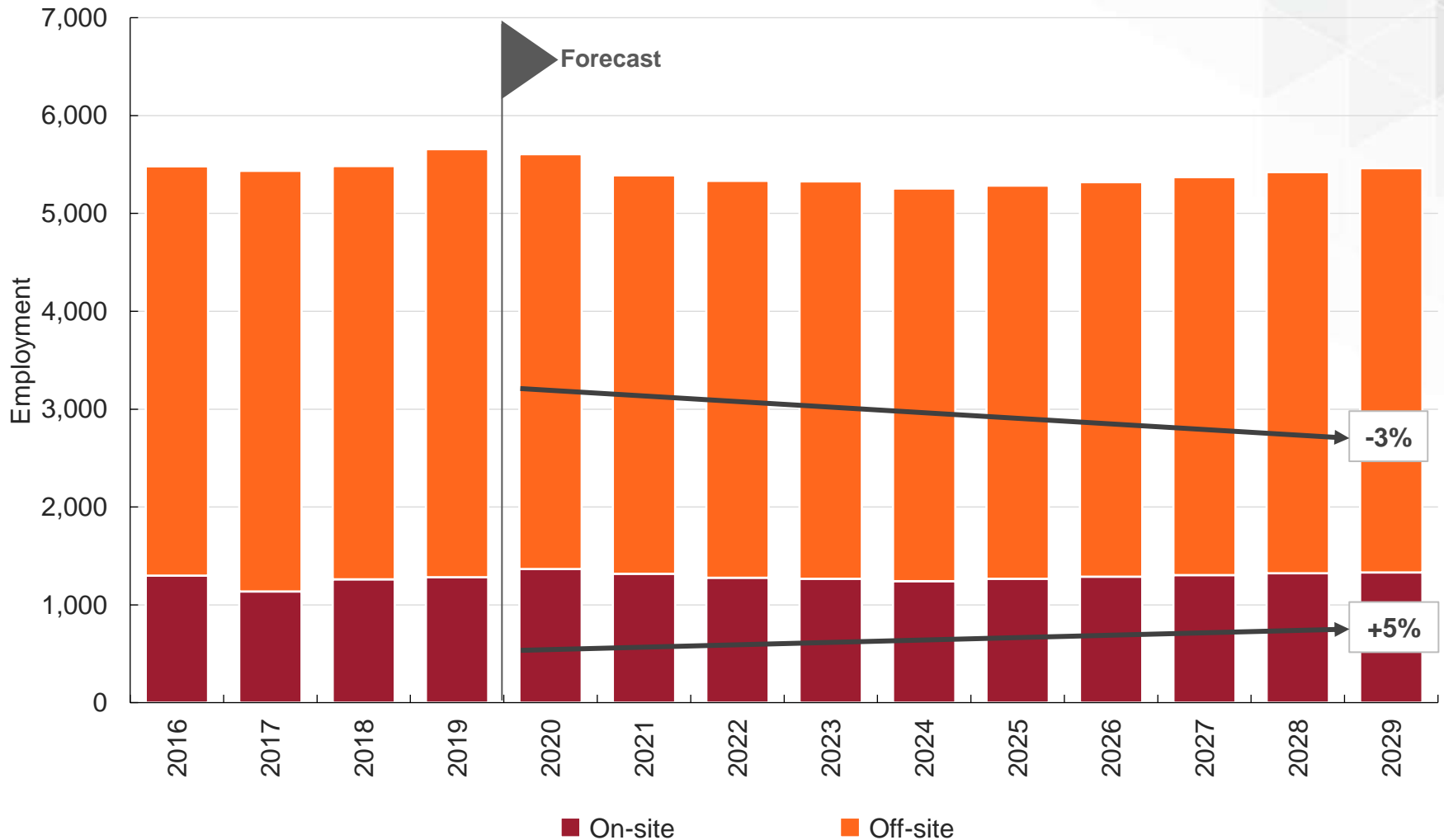
Total direct trades and occupations



* **Net mobility** refers to the number of workers needed to be brought into the industry from other industries or other provinces to meet rising demands or the number of workers that exit the industry in downturns. Positive net mobility means that industry must attract workers, while negative net mobility arises from an excess supply of workers in the local construction labour force.

Future for women in construction

Manitoba: female construction employment outlook



Source: Statistics Canada, BuildForce Canada (2020-2029)

Future for women in construction

Manitoba: female construction trade outlook



Fair

- Carpenter
- Tilers
- Heating, refrigeration and air conditioning mechanics
- Heavy equipment operators

Good

- Floor covering installers
- Contractors and supervisors
- Residential and commercial installers
- Truck drivers
- Trade helpers and labourers
- Construction managers

Very Good

- Electricians
- Painters
- Sheet metal workers
- Plumbers
- Homebuilding and renovation managers
- Construction estimators



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