

OMERS and its Members:

Ontario Economic Contribution

February 2020



**CANADIAN CENTRE FOR
ECONOMIC ANALYSIS**

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TABLE OF CONTENTS

Results at a Glance	5
Introduction.....	5
Objectives and Approach.....	5
Economic Contribution to Ontario	6
Total Economic Contribution.....	6
Contribution from Pension Spending	6
Contribution from Operations and Investments	6
Regional Contribution Summaries.....	8
1.0 Introduction.....	11
1.1 Background.....	11
1.2 Objective and Approach	11
1.2.1 Economic Contribution Explained	11
1.2.2 Sources of OMERS Economic Contribution	12
1.2.3 Capacity of OMERS investments	14
2.0 Findings of the Contribution Analysis.....	15
2.1 Provincial Overview	15
2.1.1 OMERS Members.....	15
2.1.2 Investments	16
2.2 OMERS Contribution to Ontario Employment	19
2.2.1 Total Employment Contribution.....	19
2.2.2 Employment Contribution from Pension Spending.....	22
2.2.3 Employment Contribution from OMERS Operations And Investments	23
2.3 OMERS Contribution to Ontario GDP	23
2.3.1 Total GDP Contribution	23
2.3.2 GDP Contribution from Pension Spending	25
2.3.3 GDP Contribution from OMERS Operations and Investments	25
2.3.4 OMERS Contribution to Government Revenue	25
2.4 Regional Importance of OMERS Economic Contribution	26
2.4.1 Greater Toronto Area	27
2.4.2 Southwestern Ontario	29
2.4.3 Eastern Ontario.....	31
2.4.4 Central Ontario	33
2.4.5 Northern Ontario.....	35
3.0 Conclusions.....	37
Appendices	38
A. Methodology	38
a.1. Economic Contribution Analysis.....	38
a.2. Computational Approach	39
B. List of Industries	45
C. Data Sources.....	46

LIST OF FIGURES

Figure 1	Interactions between people and businesses in an economy	12
Figure 2	The sources of OMERS economic activity and interactions in the economy.....	13
Figure 3	OMERS retirement benefits contributions to local incomes, 2018	15
Figure 4	Distribution of OMERS investments in the south of Ontario, 2018.....	16
Figure 5	Distribution of OMERS investments in the north of Ontario, 2018.....	17
Figure 6	Employment supported by OMERS, 2018.....	19
Figure 7	Households with wage income supported by OMERS by type, 2018.....	20
Figure 8	Households affected by OMERS contributions through wage income, 2018.....	20
Figure 9	Employment contributions by source sector, 2018.....	22
Figure 10	GDP supported by OMERS by community, top 24 (\$M), 2018	24
Figure 11	GDP supported by OMERS by industry (\$M), 2018	24
Figure 12	Regional grouping of Ontario municipalities	26
Figure 13	Sources of OMERS economic activity, interactions and economic effects.....	39
Figure 14	Ontario economic multiplier factors by industry.....	41
Figure 15	Household spending by industry (basic prices).....	42
Figure 16	Regional relative proximity matrix.....	43
Figure 17	Geographic distribution of jobs in Ontario by industry (thousands)	44
Figure 18	Average wage in Ontario by industry.....	45

LIST OF TABLES

Table 1	OMERS pension payments by type, 2018	13
Table 2	Number of jobs supported by OMERS across Ontario, 2018.....	21
Table 3	Top 5 industries supported by pension spending, 2018.....	22
Table 4	Top 5 industries supported by OMERS operations and investments, 2018	23
Table 5	Full industry list.....	45

RESULTS AT A GLANCE

INTRODUCTION

With almost half a million active and retired members, OMERS is one of the largest defined benefit pension plans in Canada. Members of OMERS include union and non-union employees of municipalities, school boards, transit systems, electrical utilities, emergency services, and children's aid societies across Ontario. The plan contributions of members and employers are invested around the world by OMERS to provide each member with a stable and secure source of retirement income. OMERS investments are found across the globe and in most communities in Ontario. All across the province, Ontarians benefit from the economic activity generated by these investments and by the activities of OMERS pension recipients.

OBJECTIVES AND APPROACH

This study quantifies and describes the economic contribution of OMERS activities to Ontario and at the regional level in 2018. These contributions include all the economic activity generated from the following sources:

1. OMERS members spending their retirement benefits payments in Ontario.
2. OMERS operations and investments in Ontario, including salaries and wages to employees residing in Ontario.

These economic activities generate demand for labour and subsequent spending, which ripples through the economy. Throughout the report, contributions are grouped by the source of OMERS-driven economic activity. "Contribution from pension spending" includes all economic activity supported by OMERS members when they spend their retirement benefits payments, and "contribution from operations and investments" includes both the economic activity driven by OMERS investments in Ontario, adjusted for the share of ownership by OMERS, and its own operations.

Contributions are reported in terms of jobs, Gross Domestic Product (GDP) and government revenue supported in Ontario and regionally. The number of people and households sharing in the economic contribution are statistical estimates of person and household equivalents. This means that a contribution that is partially split over many people or households will be added together to form one person or household equivalent. For example, if 10% of the incomes of 10 individual households are supported by OMERS, this makes one household equivalent.

ECONOMIC CONTRIBUTION TO ONTARIO

TOTAL ECONOMIC CONTRIBUTION

OMERS contributed over \$10 billion to provincial GDP in 2018 through its activities in Ontario. This supported over 101,000 jobs and \$4.7 billion in wages for Ontarians, as well as nearly \$2.6 billion in combined federal and provincial government revenue through corporate, income and consumption taxes.

The impact of OMERS activities on Ontario's population is widespread. OMERS activities support the employment of many Ontarians, and this provides a benefit to the people with whom they share a household as well since OMERS-supported employment contributes to each household's total income. In total, there were almost 376,000 Ontarians who benefitted from OMERS activities in 2018, counting those living in households with a person whose wage is supported by OMERS and the recipients of OMERS retirement benefits payments.

The industries that received the largest GDP benefit from OMERS and its members' activities in Ontario in 2018 included utilities, manufacturing, health care and real estate. Manufacturing is a very broad category that includes food and beverage products and other staples of households' day-to-day spending, up to complex components for industrial uses, which helps explain its significance. While contributions from OMERS pension spending, operations and investments can be felt in every region of Ontario, the mix of industries supported by OMERS at the local level varies according to each region's economic base and the types of investments that are present locally.

CONTRIBUTION FROM PENSION SPENDING

OMERS retirement benefits represented an important source of retirement income in Ontario in 2018, accounting for over 8.2% of all private retirement income¹ and 4.4% of total retirement income² in the province. Retired members of OMERS live all around Ontario and spend much of their retirement benefits payments in their local communities and surrounding areas. Through this pension spending alone, OMERS members supported over 63,000 jobs across the province (62% of the total contribution of OMERS) and contributed over \$5.4 billion to Ontario's GDP, which averages over \$15 of GDP for every \$10 of retirement benefits payments received in 2018.

CONTRIBUTION FROM OPERATIONS AND INVESTMENTS

OMERS operations and investments in Ontario make a substantial contribution to economic activity in the province. In 2018, OMERS investments were located in rural areas as well as major cities in sectors including health services, energy, transportation, technology and real estate. These investments were

¹ Private retirement income comprises all formal retirement savings vehicles utilized by Ontarians, including defined benefit and contribution plans, Tax-Free Savings Accounts (TFSA) and Registered Retirement Savings Plans (RRSP). It excludes public supports.

² Total retirement income includes all private retirement income and public supports, such as the Canada Pension Plan (CPP), Old Age Security (OAS) and the Guaranteed Income Supplement (GIS).

OMERS and its Members: Ontario Economic Contribution

found in over 300 locations across Ontario and included physical assets such as office space, apartment buildings, warehouses, shopping malls, and utilities operated by companies partially or entirely owned by OMERS. Together, OMERS operations and its investments supported over 38,000 jobs in Ontario (38% of the total contribution of OMERS) and over \$4.6 billion in GDP. Beyond this economic contribution, OMERS investments in Ontario provided significant economic capacity to the province in 2018. The real estate properties provide space to enterprises and homes to Ontarians, and the energy investments powered Ontario businesses and distributed energy to residents. More specifically, Bruce Power supplied around 30% of the province's electricity.

The following table summarizes the key contributions of OMERS and its members at the provincial level in 2018.

2018 Ontario Contribution Summary

Total Economic Contribution	101,500 Jobs	\$4.7 billion in wages
	\$10.1 billion Contribution to GDP	Main beneficiaries were the utilities, manufacturing and health care industries
	\$2.6 billion Government revenue	Over \$1.4 billion to the federal government and over \$1.1 billion to the provincial government
Contribution from Pension Spending	\$3.5 billion Total OMERS retirement benefits paid in 2018	8.2% of all private retirement income in Ontario 4.4% of all retirement income in Ontario
	63,400 Jobs	\$2.7 billion in wages
	\$5.4 billion Contribution to GDP	For every \$10 paid out in retirement benefits more than \$15 of economic activity was generated
Contribution from Operations & Investments	17,100 Direct employment	Primarily in investments in the energy and utilities, health services and technology sectors
	38,100 Jobs	\$2.0 billion in wages
	\$4.6 billion Contribution to GDP	Main beneficiaries were the utilities, health care and real estate industries

REGIONAL CONTRIBUTION SUMMARIES

The size of the contribution of OMERS and the main industries benefitting from the contribution differ between regions depending on each region's economic base and on the type of OMERS investments that are present in each region. The following tables summarize the key contributions of OMERS in the Greater Toronto Area (GTA), Southwestern Ontario, Eastern Ontario, Central Ontario and Northern Ontario in 2018.³ Each region is a grouping of census divisions, which are defined in section 2.4 of the report.

2018 Greater Toronto Area Contribution Summary

Greater Toronto Area	168,700 OMERS members	121,100 active members and 47,600 retirement benefits recipients
	\$1.3 billion OMERS retirement benefits paid in 2018	8.5% of total private retirement income 4.3% of total retirement income
	48,200 Total jobs supported	65% by pension spending, 35% by operations and investments \$2.3 billion in wage income
	\$4.8 billion GDP supported	56% by pension spending 44% by operations and investments

In the GTA, OMERS supported over 48,000 jobs and \$4.8 billion of economic activity in 2018. OMERS retirement benefits payments represented 8.5% of the region's private retirement income and 4.3% of all retirement income locally. Recipients of OMERS retirement benefits supported 65% of the more than 48,000 jobs contributed to the region by OMERS. The operations and investments by OMERS in the region, primarily in the health, real estate and technology sectors, supported the remaining 35% of the total employment contribution. In 2018, the GTA was home to all of OMERS investments in real estate in the province of Ontario, which provided commercial space to local businesses and homes for residents.

2018 Southwestern Ontario Contribution Summary

Southwestern Ontario	111,500 OMERS members	73,100 active members and 38,400 retirement benefits recipients
	\$1 billion OMERS retirement benefits paid in 2018	8.7% of total private retirement income 4.6% of total retirement income
	21,500 Total jobs supported	64% by pension spending, 36% by operations and investments \$0.9 billion in wage income
	\$1.9 billion GDP supported	61% by pension spending 39% by operations and investments

³ Note that numbers in these summary charts and throughout the report have been rounded for clarity. Therefore, there may be slight discrepancies due to rounding between the reported totals and the sum of regional breakdowns.

OMERS and its Members: Ontario Economic Contribution

In Southwestern Ontario, OMERS contributed over 21,000 jobs that supported nearly \$2 billion in economic activity in 2018. OMERS retirement benefits payments made up 8.7% of the region's private retirement income and 4.6% of all retirement income locally. This significant source of income supported the economic vitality of the region, as every \$10 of pension paid generated \$12 of GDP, which stayed in the regional economy. Recipients of OMERS retirement benefits payments supported 64% of the more than 21,000 jobs contributed to the region by OMERS. The operations and investments by OMERS in the region in the health, technology and transportation sectors supported the remaining 36% of the total employment contribution.

2018 Eastern Ontario Contribution Summary

Eastern Ontario	71,800 OMERS members	46,000 active members and 25,800 retirement benefits recipients
	\$0.6 billion OMERS retirement benefits paid in 2018	6.2% of total private retirement income 3.8% of total retirement income
	12,700 Total jobs supported	78% by pension spending, 22% by operations and investments \$0.6 billion in wage income
	\$1.1 billion GDP supported	75% by pension spending 25% by investments and operations

OMERS activities in Eastern Ontario supported 13,000 jobs and \$1.1 billion of economic activity in 2018. OMERS retirement benefits payments represented 6.2% of the region's private retirement and 3.8% of all retirement income locally. In certain communities in Eastern Ontario, up to 2% of the population received OMERS retirement benefits payments, which is a significant source of income and helps sustain these smaller communities. On average, every \$10 of pension paid in Eastern Ontario generated \$14 of GDP, which stayed in the regional economy. Recipients of OMERS retirement benefits payments supported 78% of the jobs contributed to the region by OMERS. The operations and investments by OMERS in the region, namely in the health and technology sectors, supported the remaining 22% of the total employment contribution.

2018 Central Ontario Contribution Summary

Central Ontario	43,700 OMERS members	27,500 active members and 16,200 retirement benefits recipients
	\$0.4 billion OMERS retirement benefits paid in 2018	9.5% of total private retirement income 5.1% of total retirement income
	13,100 Total jobs supported	35% by pension spending, 65% by operations and investments \$0.7 billion in wage income
	\$1.7 billion GDP supported	22% by pension spending 78% by operations and investments

OMERS and its Members: Ontario Economic Contribution

In Central Ontario, over 13,000 jobs and \$1.7 billion of economic activity was supported by OMERS in 2018. It is the region which saw the largest employment and GDP contribution from OMERS relative to its population. OMERS retirement benefits represented 9.5% of the region’s private retirement income and 5.1% of all retirement income locally. In certain communities in Central Ontario, up to 2% of the population received OMERS retirement benefits payments, which helps sustain these smaller communities. OMERS investments in the energy sector supported 50% of the more than 13,000 jobs contributed to the region by OMERS. This contribution was in large part driven by Bruce Power, a power plant that generates about 30% of Ontario’s energy. Recipients of OMERS retirement benefits payments supported 35% of the total employment contribution.

2018 Northern Ontario Contribution Summary

Northern Ontario	35,500 OMERS members	22,800 active members and 12,700 retirement benefits recipients
	\$0.3 billion OMERS retirement benefits paid in 2018	9.1% of total private retirement income 4.9% of total retirement income
	6,100 Total jobs supported	68% by pension spending, 32% by operations and investments \$0.3 billion in wage income
	\$0.5 billion GDP supported	70% of GDP supported by pension spending 30% by operations and investments

In Northern Ontario, OMERS supported over 6,000 jobs and \$0.5 billion of economic activity in 2018. OMERS retirement benefits payments represented 9.1% of the region’s private retirement income and 4.9% of all retirement income locally. In 2018, 1.6% of the total population of Northern Ontario received OMERS retirement benefits, which made it the region with the largest number of OMERS retirement benefits recipients relative to its population. OMERS retirement benefits were therefore a significant source of income and provided a cushion against volatility in employment income, as every \$10 of pension paid generated \$12 of GDP, which stayed in the regional economy. This is particularly important in smaller, rural communities. Recipients of OMERS retirement benefits payments supported 68% of the over 6,000 jobs contributed to the region by OMERS. The operations and investments by OMERS in the region, most notably in the health sector, supported the remaining 32% of the total employment contribution.

1.0 INTRODUCTION

1.1 BACKGROUND

In 2018, nearly half a million people were members of OMERS, one of Canada’s largest defined benefits pension plans. OMERS members help build communities through their work as union and non-union employees of municipalities, school boards, transit systems, electrical utilities, emergency services and children’s aid societies across Ontario. Members’ pension plan contributions, as well as the contributions made by the 1,000 participating employers, are invested by OMERS to provide members with a stable and secure retirement income. These funds are invested by OMERS in Ontario and around the globe to ensure diversity by both asset type and geography. In 2018, about 70% of all OMERS investments were made outside of Canada. OMERS investment portfolio includes real estate, infrastructure, private and public equity, and fixed income.

The economy of every community in Ontario is positively impacted by OMERS, whether through the work of active members, retired members’ pension-related spending, or through the local investment activities that OMERS performs on its members’ behalf.

1.2 OBJECTIVE AND APPROACH

The objective of this study is to quantify and describe the economic contribution that OMERS had in Ontario and at the regional level in 2018. Economic contribution encompasses all economic activity that occurs through the income generated by OMERS and its members, and the subsequent spending and investments made in Ontario’s economy. These contributions are quantified in terms of economic metrics, including GDP, jobs, and federal and provincial government revenue supported. When the report refers to the number of people and households sharing in the economic contributions, it is important to keep in mind that these are statistical estimates of person and household equivalents. This means that a contribution that is partially split over many people or households will be added together to form one person or household equivalent. For example, if 10% of the incomes of 10 individual households are supported by OMERS, this makes one household equivalent.

1.2.1 ECONOMIC CONTRIBUTION EXPLAINED

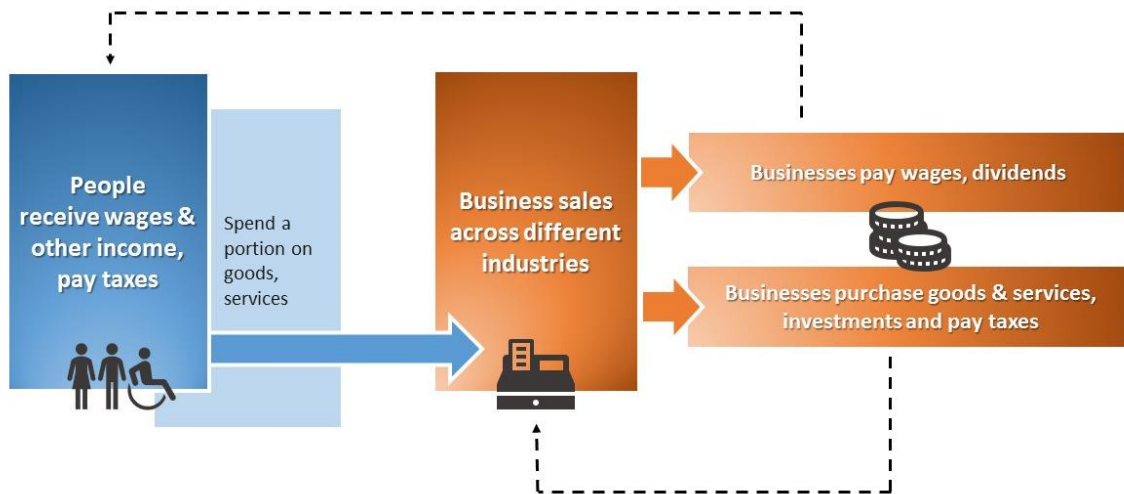
The economic contribution of a company’s activities is the economic footprint of the company in the region. It includes the economic activity directly generated by operations and investment activities (“direct effects”), as well as the economic activity generated indirectly through business-to-business transactions with other companies that provide goods and services to the first company (“indirect effects”). Finally, it includes the contribution that people whose incomes are supported by these economic activities make to the regional economy through spending their wages (“induced effects”).

More detailed information about the economics underpinning the methodology of this study can be found in the Appendices, under a.1. Economic Contribution Analysis.

The interactions between people and businesses that enable economic activity to spread throughout the economy are presented in Figure 1. In general terms, the economy can be described as consisting of people, businesses and governments who interact with one another through financial transactions.

- **People** – receive wages from the organizations for which they work. They spend these wages with businesses on goods and services and pay part of their wage to their governments in taxes.
- **Businesses** – pay wages and dividends to people, they purchase goods and services from other businesses and make investments, and they pay taxes to the government.
- **Governments** – collect revenue through income, corporate and consumption taxes.

Figure 1 Interactions between people and businesses in an economy



1.2.2 SOURCES OF OMERS ECONOMIC CONTRIBUTION

The primary sources of the total economic contribution of OMERS to Ontario are the following:



OMERS retirement benefits paid to members, which are spent by Ontarian households in their local communities and within the province.



OMERS operations including salaries and wages to OMERS employees residing in Ontario.



Private investments made by OMERS in companies, utilities, properties, etc. in Ontario that generate economic activity, which can take the form of investments, wages, goods and services purchased and intellectual property. Investment-driven contributions are adjusted for percentage ownership by OMERS.

Of all OMERS pension payments, this study focuses on the retirement benefits paid to OMERS members and follows the conservative assumption of not including death benefits, transfers to other plans and

commuted value payments. Retirement benefits represented the majority of all pensions paid by OMERS in 2018, as shown in Table 1. In addition, other payment types are excluded because these payments are likely subject to a significant degree of reinvestment rather than being spent in the economy like regular retirement benefits.

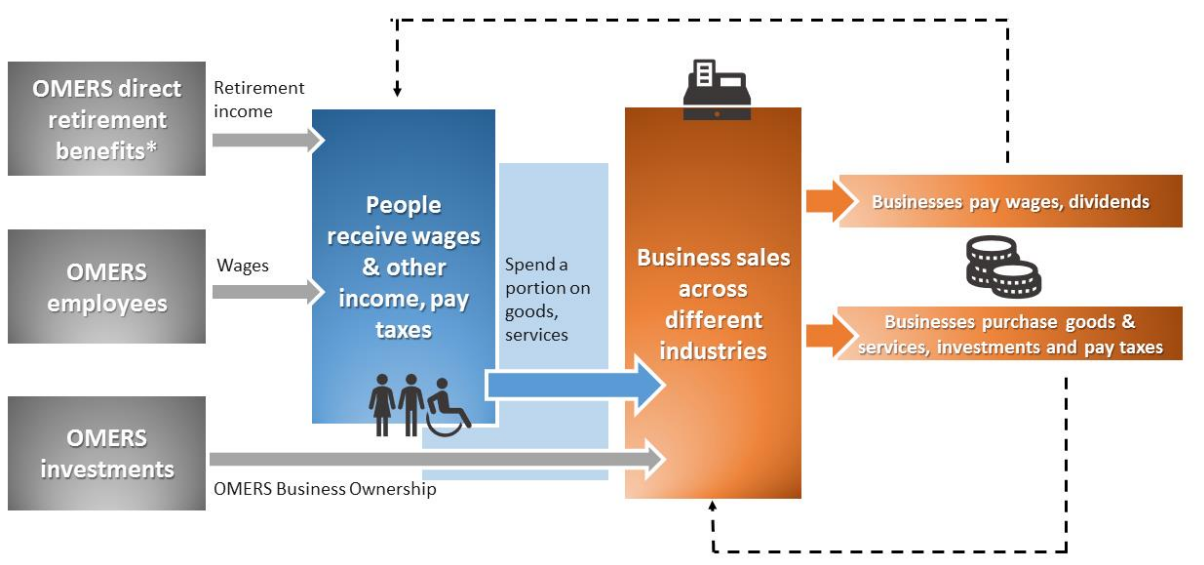
Table 1 OMERS pension payments by type, 2018

Payment Type	Sum of All Payments Made	Percentage of OMERS Total Payments
Retirement benefits	\$3.5B	83%
Transfers to other plans	\$310M	7%
Commutated value payments	\$240M	6%
Other benefits payments	\$181M	4%
Total Benefits Paid	\$4.3B	100%

Source: OMERS 2018 Annual Report

Figure 2 shows how the sources of OMERS economic activity enter into the calculation of economic contribution. OMERS retirement benefits payments are part of the individual income that people allocate to goods, services and taxes, as are the wages of OMERS employees. OMERS investments enter into the calculation as business investments.

Figure 2 The sources of OMERS economic activity and interactions in the economy



* This study only considers the defined retirement benefits paid by OMERS and therefore does not include transfers and other payments made by OMERS or non-retirement benefits payments.

In the following sections, the economic contribution of OMERS is reported and broken down as follows:

- **Total Economic Contribution** – All the economic activity in Ontario attributed to OMERS activities.
- **Contribution from Pension Spending** – The share of the total economic contribution that is attributed to OMERS members spending their retirement benefits payments.
- **Contribution from Operations and Investments** – The share of the total economic contribution that is attributed to the operations of OMERS and its investment activities. This can be further broken down to show how much is contributed by each type of investment, i.e. by the sectors of the investments.

Breaking results down in this way highlights the different sources of OMERS economic contribution in each region and enables comparisons.

1.2.3 CAPACITY OF OMERS INVESTMENTS

OMERS investments in Ontario provide economic capacity to the provincial economy in the form of energy, technology, infrastructure, homes, commercial space for firms and employees, as well as health and well-being. The use of these investments supports the regional economy by providing necessary infrastructure and services to households and businesses.

The use of these assets does not enter into the calculations of economic contribution by OMERS since any contribution to the economy originates from the businesses and households that use these assets. The capacity provided by OMERS investments in 2018 is highlighted in qualitative terms throughout the report.

2.0 FINDINGS OF THE CONTRIBUTION ANALYSIS

2.1 PROVINCIAL OVERVIEW

2.1.1 OMERS MEMBERS

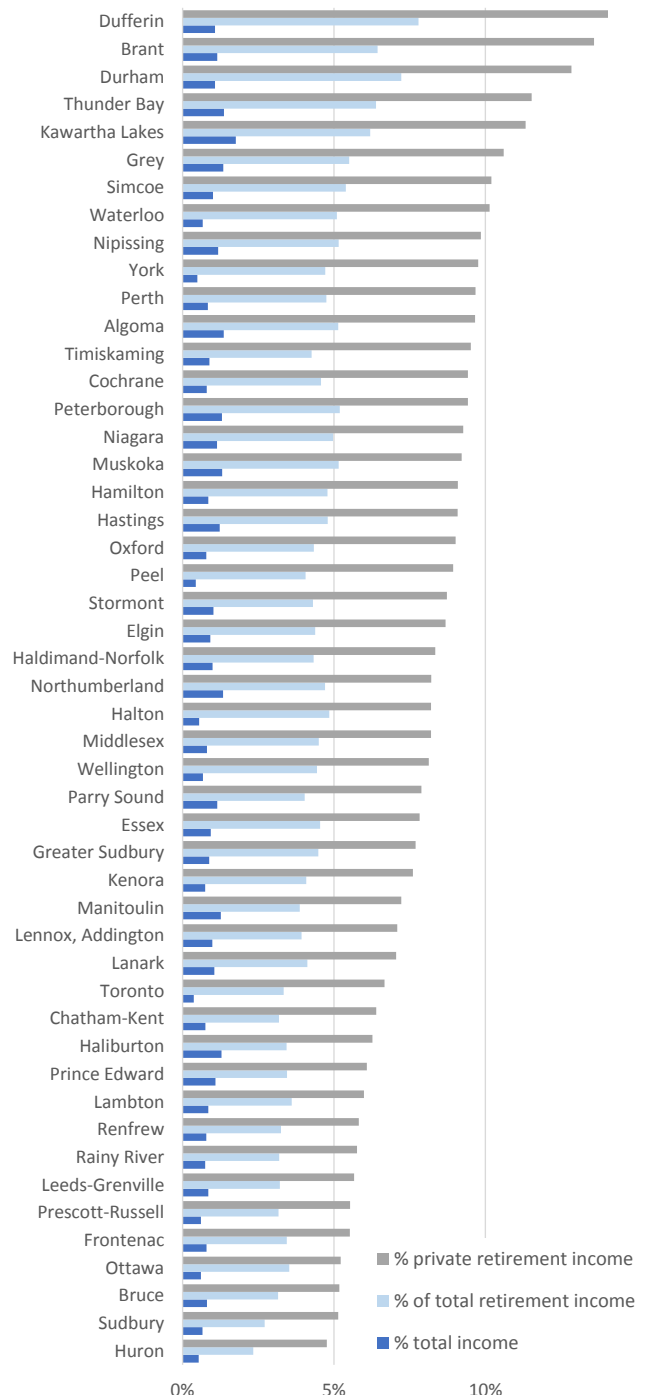


In 2018, there were just over 431,100 OMERS members in Ontario⁵, of which 290,500 were employed, active members and 140,700 received OMERS retirement benefits. This makes 2.1 active members per member who received retirement benefits.

In Ontario, OMERS retirement benefits represent an important source of retirement income. In 2018, they accounted for 8.2% of residents’ private retirement income, which comprises all formal retirement savings vehicles utilized by Ontarians, including defined benefit and contribution plans, Tax-Free Savings Accounts and Registered Retirement Savings Plans. OMERS retirement benefits also accounted for 4.4% of total retirement income, which includes public supports such as the Canada Pension Plan, Old Age Security and the Guaranteed Income Supplement as well as all private retirement income.

The importance of OMERS retirement benefits as a source of retirement income at the regional level is shown in Figure 3. In many smaller communities outside of the Greater Toronto Area, OMERS retirement benefits were an important source of income for the retired population, comprising anywhere between 5% and 15% of the population’s private retirement income in 2018. In communities where the median population age is higher, OMERS pensions can be particularly important to the local economy. In some communities, including Kawartha Lakes, Grey County, Northumberland and Thunder Bay, 2% or more of the population received OMERS pensions.

Figure 3 OMERS retirement benefits contributions to local incomes, 2018



⁵ OMERS has a total of 496,000 members. Of those, 431,000 live in Ontario.

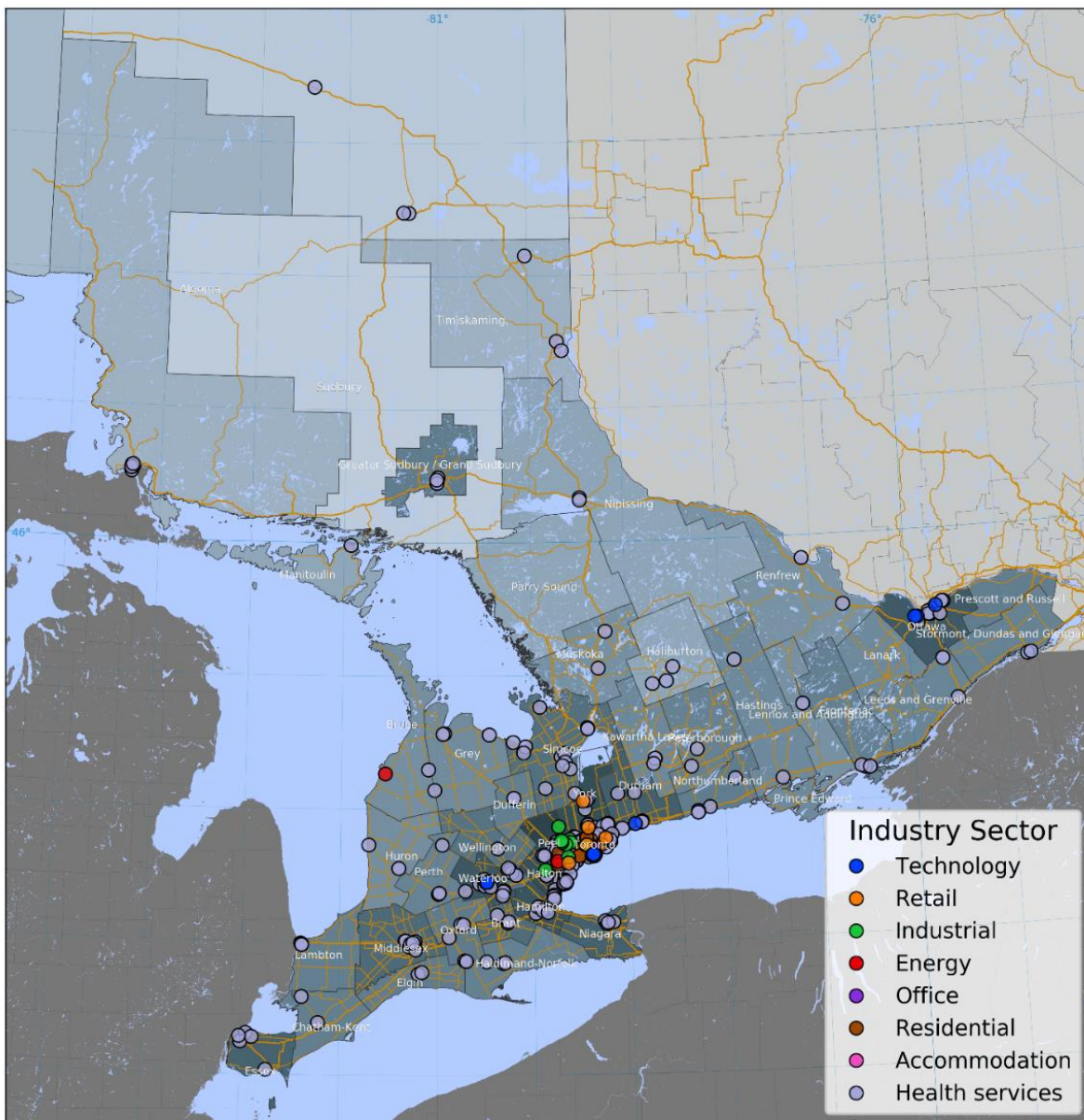
OMERS and its Members: Ontario Economic Contribution

This stable guaranteed income provides a cushion against volatility in employment income in smaller communities and rural regions. Recipients of OMERS retirement benefits living in Ontario spend this income in their local communities and the surrounding areas, which supports employment, GDP and federal and provincial government revenue.

2.1.2 INVESTMENTS

To provide members with stable and secure retirement income, the OMERS portfolio of global investments is diversified by geography and type of asset. In addition to providing stable returns, investments in Ontario support jobs and build capacity for the economy of Ontario.

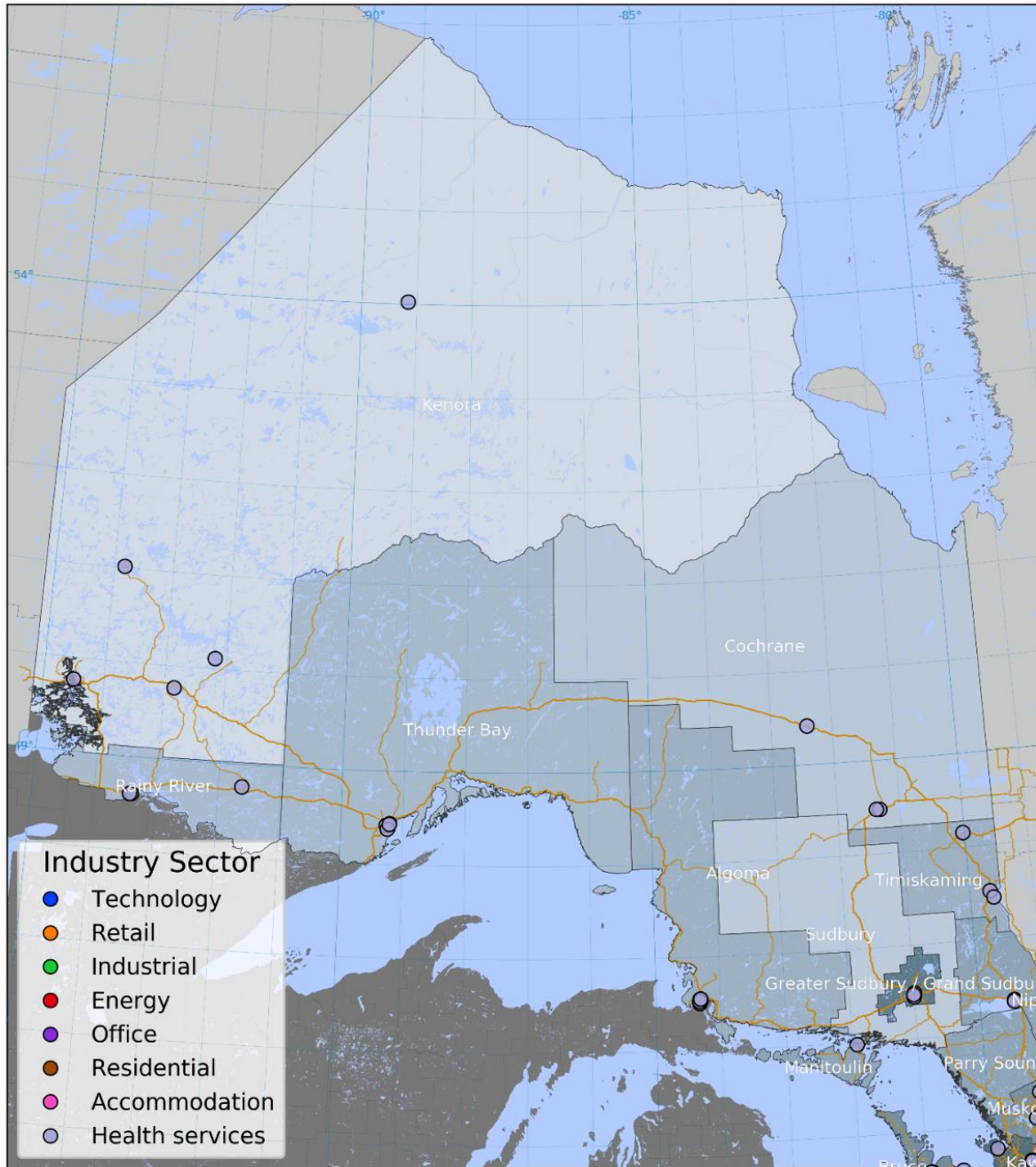
Figure 4 Distribution of OMERS investments in the south of Ontario, 2018



OMERS and its Members: Ontario Economic Contribution

In 2018, OMERS investments in Ontario were in the energy, health, financial, technology, infrastructure, and real estate sectors. OMERS investments in the technology sector supported Ontario's thriving technology ecosystem. In fact, in 2018, 54% of OMERS technology investments were within Ontario. OMERS real estate investments include office, retail, industrial, residential and hotel properties. OMERS investments can be found across Ontario. Figure 4 and Figure 5 map the locations of each OMERS investment (fully and partially owned) by type in 2018.

Figure 5 Distribution of OMERS investments in the north of Ontario, 2018



OMERS and its Members: Ontario Economic Contribution

In 2018, OMERS health sector investments were located in communities across Ontario and were the most widespread in the province, as can be seen by the number of violet dots in Figure 4 and Figure 5. These were mostly providers of medical services such as laboratory tests, home health and outpatient rehabilitation and it also included hospitals and long-term care beds. In 2018, OMERS health sector investments touched the health and well-being of a large number of people in both urban and rural centres who interact with the healthcare system. Investments in other sectors, including energy, transportation, technology, and real estate were concentrated in urban areas, notably in the GTA, Ottawa, Waterloo and Windsor. A notable exception is Bruce Power, a nuclear power plant located in Bruce County which supplied 30% of the province's electricity in 2015.⁶

OMERS diversified real estate investments provide significant commercial and residential capacity to the cities in which they are located. Together, OMERS commercial real estate investments covered almost 26 million square feet. The accommodation and residential properties owned by OMERS contained 584 hotel rooms and nearly 5,200 homes, respectively.

Each of these investments, whether properties, utilities or private companies had a significant economic impact on their communities. In addition to providing capacity, they generated local employment and economic activity through their demand for labour, goods and services. In total, OMERS and its investments directly employed about 17,100 people in Ontario in 2018 (after adjusting for the share by which each investment is owned by OMERS). This is equivalent to about half of the number of Toronto Public Service employees.

⁶ See McKay, R., 2019. *Bruce Power Major Component Replacement Project: Economic Impact Analysis*. Ontario Chamber of Commerce.

2.2 OMERS CONTRIBUTION TO ONTARIO EMPLOYMENT

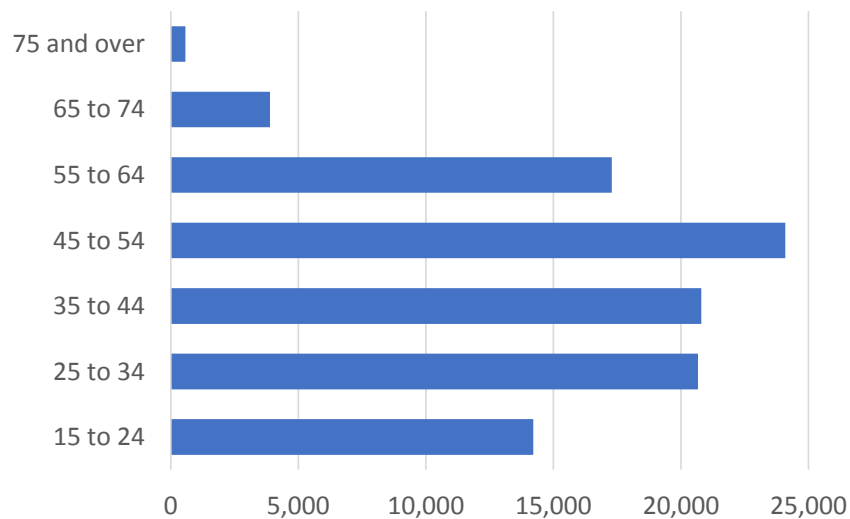
The economic contribution of OMERS to employment in Ontario occurs through members spending their retirement benefits payments in Ontario and through the economic activity generated by OMERS operations and local investments. This section reports the aggregate economic contributions of OMERS to employment in Ontario. These effects are further broken down to understand which demographic groups, regions and industries⁷ in Ontario are the main beneficiaries of the employment contribution. All results are reported for the year 2018.

2.2.1 TOTAL EMPLOYMENT CONTRIBUTION

OMERS activities contributed over 101,000 jobs to Ontario, with an associated \$4.7 billion in wages. In total, this contribution affected almost 376,000 people in Ontario, including each person living in a household with someone whose wage was supported by OMERS and each person who received OMERS retirement benefits payments.

The jobs supported by OMERS were held by individuals ranging in age and family composition. Of the people whose employment was supported by OMERS, over 24,000 were young people under the age of 30 (24% of the total), although the employment contribution is similar across all age groups, as shown in Figure 6. The employment supported by OMERS contributed to the wages of almost 48,000 households with children, as shown in Figure 7.

Figure 6 Employment supported by OMERS, 2018



⁷ The full list of Canadian industries used in this report can be found in Table 5 in the Appendices.

Figure 7 Households with wage income supported by OMERS by type, 2018

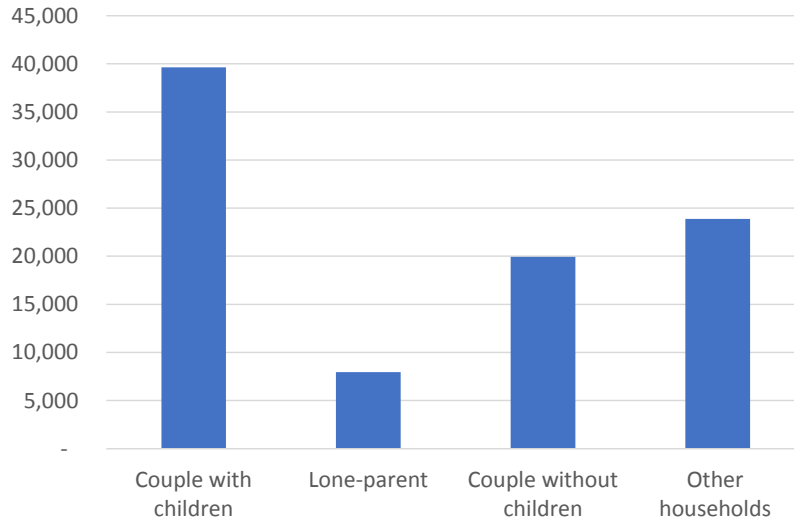


Figure 8 Households affected by OMERS contributions through wage income, 2018

91,400 Households



The total employment contribution of OMERS in 2018 was distributed across all industries in Ontario. The industries which saw the largest benefit, and together accounted for over 51,000 jobs, were:



OMERS activities supported employment in municipalities all across Ontario. The number of jobs supported in each region is shown in Table 2. Supported employment tends to correlate to the size of the local population, meaning that more jobs are supported in places where there are more residents and employed people overall. One significant exception is Bruce County, which saw the largest employment impact relative to its population. In this community, 14% of all the jobs in the area were supported by OMERS activities. The primary source of this contribution is OMERS investment in Bruce Power, which supplies 30% of Ontario's electricity.

OMERS and its Members: Ontario Economic Contribution

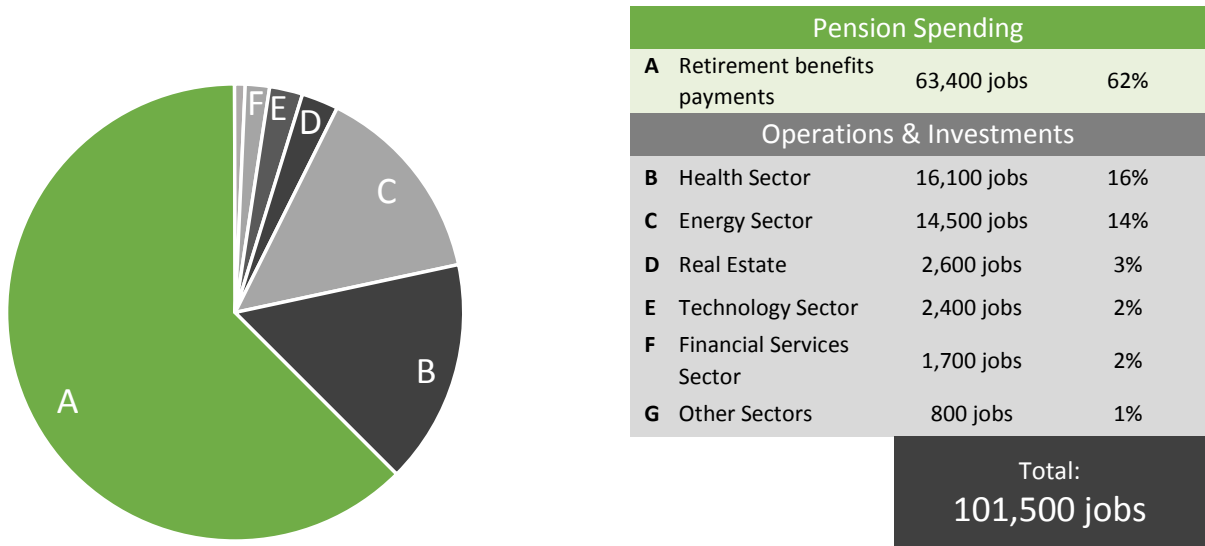
Table 2 Number of jobs supported by OMERS across Ontario, 2018

Algoma	1,177	Middlesex	3,410
Brant	812	Muskoka	303
Bruce	4,858	Niagara	2,195
Chatham-Kent	589	Nipissing	482
Cochrane	537	Northumberland	780
Dufferin	432	Ottawa	6,134
Durham	5,108	Oxford	815
Elgin	522	Parry Sound	145
Essex	2,131	Peel	10,147
Frontenac	935	Perth	855
Greater Sudbury	1,283	Peterborough	1,029
Grey	1,343	Prescott and Russell	323
Haldimand-Norfolk	459	Prince Edward	93
Haliburton	162	Rainy River	167
Halton	4,213	Renfrew	481
Hamilton	3,286	Simcoe	2,919
Hastings	943	Stormont, Dundas and Glengarry	514
Huron	731	Sudbury	100
Kawartha Lakes	504	Thunder Bay	1,436
Kenora	502	Timiskaming	220
Lambton	732	Toronto	21,254
Lanark	432	Waterloo	4,939
Leeds and Grenville	719	Wellington	2,585
Lennox and Addington	282	York	7,449
Manitoulin	82	Total	101,545

The main source of the total contribution to employment by OMERS was pension spending, which supported 62% of the total jobs contributed by OMERS in Ontario in 2018. An overview of the breakdown by the source of the contribution is presented in Figure 9, and the following sections provide more detail on this breakdown. The sources of the contribution refer to whether the economic contribution is supported by OMERS retirement benefits payments (pension spending) or by its operations and investments. Contributions from OMERS operations and investments are further broken down by the sectors of the OMERS investments that are the source of the contribution. Sectors include health, energy, real estate and building services, technology, financial services, industrial and transportation.⁸

⁸ Note that we use the term ‘sectors’ here to refer to the investments that are the source of the economic contribution to distinguish from the industries in Ontario that benefit from the contributions.

Figure 9 Employment contributions by source sector, 2018



2.2.2 EMPLOYMENT CONTRIBUTION FROM PENSION SPENDING

In 2018, pension spending was the main source of OMERS total employment contribution to Ontario. Over 63,000 jobs (62% of the total contribution) were supported by OMERS members spending their retirement benefit payments. When OMERS members receive these payments, they will generally spend a large proportion on goods and services in their local communities. This demand for goods and services, in turn, supports regional business and industry and drives the contribution to employment.

Table 3 Top 5 industries supported by pension spending, 2018

	Beneficiary Industry	Jobs Supported by OMERS pension spending	Percentage of all jobs supported by OMERS pension spending
1	Retail Trade	11,500	18%
2	Manufacturing	9,000	14%
3	Accommodation and food	7,700	12%
4	Finance	4,500	7%
5	Health Care	3,900	6%

Over half of the jobs contributed from pension spending (58%) were in the retail trade, manufacturing, hospitality, finance and health care industries (Table 3). These are industries that require many workers to provide the goods and services that OMERS spend much of their retirement benefits on. To illustrate: when an OMERS member spends a day shopping in their local community, the retirement benefits they spend on Ontario-made goods in local shops will help support the wages of local shopkeepers (retail trade) and factory workers (manufacturing). If they dine out, they support the wages of the servers and other restaurant staff (hospitality), as well as the incomes of local producers (agriculture and manufacturing) who supplied the ingredients.

2.2.3 EMPLOYMENT CONTRIBUTION FROM OMERS OPERATIONS AND INVESTMENTS

OMERS operations and investments supported the remaining 38,000 (38%) of the total job contribution from OMERS activities in Ontario in 2018. Investments in the health and energy sectors were the main sources of this contribution and supported more than 16,000 jobs (16%) and 14,000 jobs (14%), respectively, in Ontario.

OMERS operations and investments contributed to employment by directly employing Ontarians. As reported in section 2.1.2, OMERS investments in all sectors directly employed a total of 17,100 people in Ontario in 2018, adjusting for the share of ownership by OMERS. They also contributed to employment through their demand for goods and services from other businesses, which supported employment in the industries to which OMERS investments are linked. Part of the wages of the employees whose jobs were supported by OMERS investments was spent in their communities and this demand for goods and services supported additional jobs. The industries that were the main beneficiaries of OMERS operations and investments are health care, utilities and retail trade, as listed in Table 4.

Table 4 Top 5 industries supported by OMERS operations and investments, 2018

	Beneficiary Industry	Jobs Supported by OMERS operations & investments	Percentage of all jobs supported by OMERS operations & investments
1	Health Care	9,700	25%
2	Utilities	5,500	14%
3	Retail Trade	3,800	10%
4	Manufacturing	3,000	8%
5	Accommodations & Food	2,600	7%

2.3 OMERS CONTRIBUTION TO ONTARIO GDP

This section reports OMERS economic contribution to Ontario’s GDP as well as to federal and provincial tax revenue. These effects are further broken down to understand which regions and industries are the main beneficiaries of this GDP contribution. All results are reported for the year 2018.

2.3.1 TOTAL GDP CONTRIBUTION

Through its members and investments, OMERS contributed over \$10 billion to Ontario’s GDP in 2018. The 24 communities that saw the largest GDP contribution from OMERS activities are shown in Figure 10.

Figure 11 presents the GDP contributions of OMERS activities by industry. Over \$3 billion of the GDP supported by OMERS was in the manufacturing and utilities industries combined. Outside these two industries, the health care, real estate and financial services industries were the main beneficiaries of the economic activity of OMERS.

OMERS and its Members: Ontario Economic Contribution

Figure 10 GDP supported by OMERS by community, top 24 (\$M), 2018

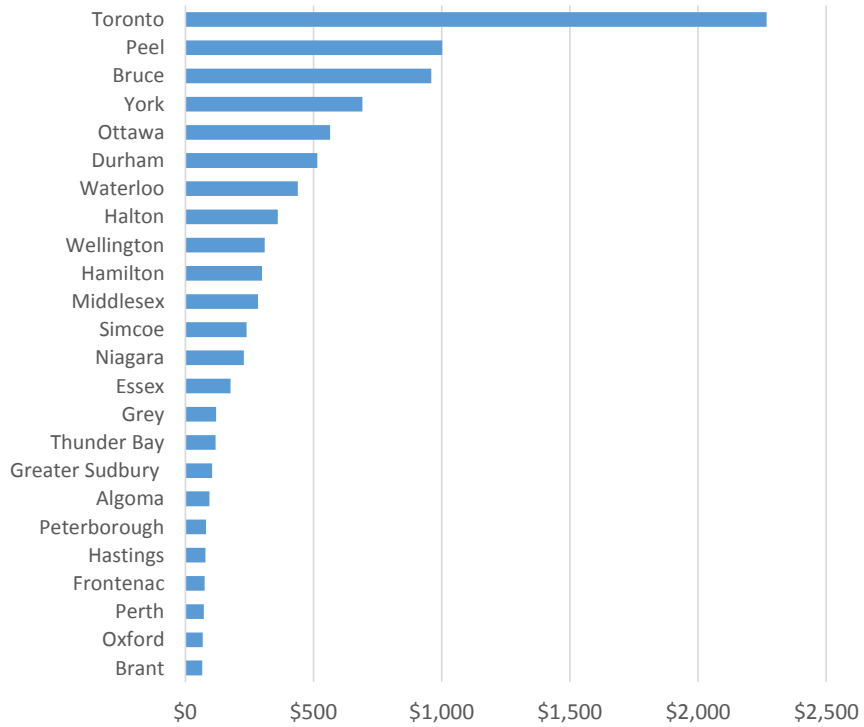
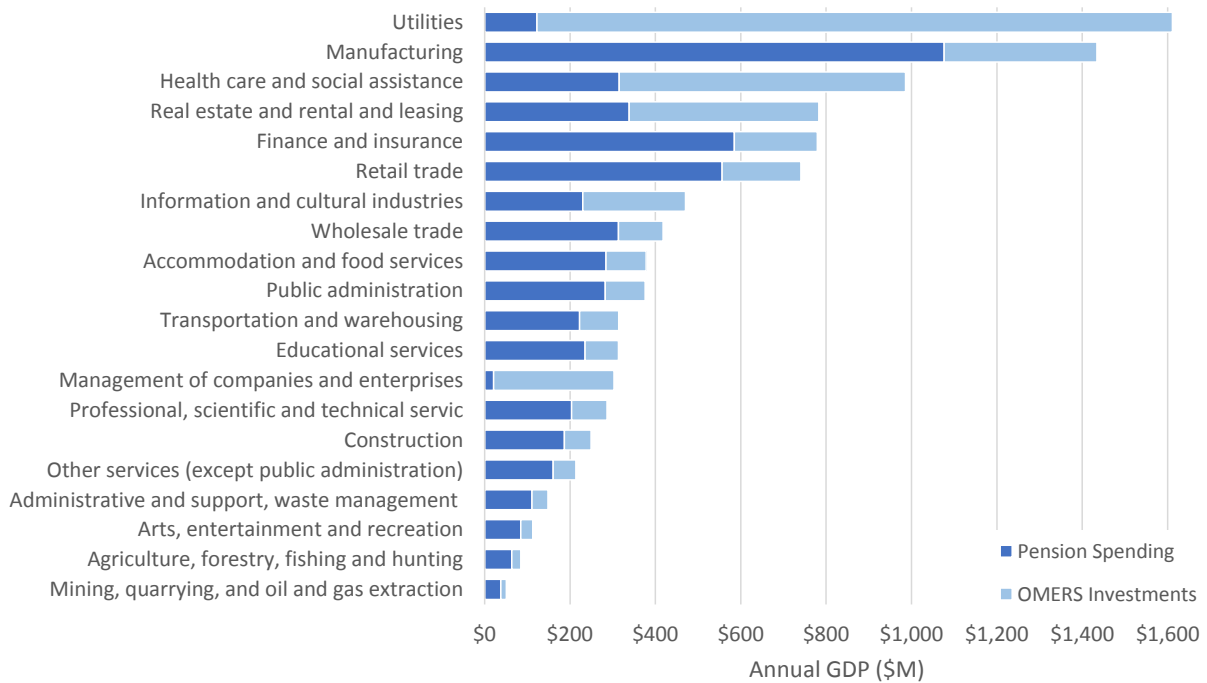


Figure 11 GDP supported by OMERS by industry (\$M), 2018



2.3.2 GDP CONTRIBUTION FROM PENSION SPENDING

Pension spending supported 54% of the total GDP contribution from OMERS activities in 2018, amounting to \$5.4 billion. Every \$10 of OMERS retirement benefits payments, (\$3.5 billion in total), therefore contributed \$15 to Ontario's GDP. The main industry that benefited from pension spending in Ontario was manufacturing. Manufacturing is a broad category that includes food and beverage products and other staples of households' day-to-day spending up to complex components for industrial uses, which helps explain its significance. OMERS members' pension spending alone supported \$1.1 billion in GDP in this industry. This provided much-needed support to an industry that has seen a persistent decline over the years in Ontario. After manufacturing, the finance and insurance industry and the retail trade industry saw the next largest benefit from OMERS pension spending, with a combined \$1.1 billion in GDP supported.

2.3.3 GDP CONTRIBUTION FROM OMERS OPERATIONS AND INVESTMENTS

OMERS operations and investments are the sources of the remaining \$4.6 billion contribution to Ontario's GDP, (46% of the total GDP contributed by OMERS). This includes all the value added to Ontario's economy by OMERS operations and investments, as well as the additional value added by other businesses through business-to-business transactions with OMERS and its investments in 2018. The main industries that benefitted from OMERS operations and investment activities in Ontario were utilities, with a \$1.5 billion contribution to GDP, health care (\$0.7 billion), and real estate and leasing (\$0.4 billion). These industries provide essential services for doing business in Ontario (electricity and commercial space, in particular) and also correspond to the sectors in which OMERS has made significant investments (energy and real estate).

2.3.4 OMERS CONTRIBUTION TO GOVERNMENT REVENUE

The economic activity supported by OMERS generated federal and provincial government revenue through personal, corporate and consumption taxes. Income tax is collected on retirement benefits payments and the wages of people whose employment is supported by OMERS activities, while OMERS and its investments contribute to corporate tax revenue. The spending of OMERS retirement benefits and the income earned through OMERS-supported employment in Ontario also generates consumption tax revenue for the government.⁹

In 2018, the combined federal and provincial government revenue generated by OMERS activities amounted to nearly \$2.6 billion.¹⁰ Of this total, over \$1.4 billion was federal government revenue (55% of which came from income taxes) and over \$1.1 was provincial government revenue (40% from income taxes).

⁹ Details about the methodology employed to estimate the revenue from each type of tax are provided in the Appendices.

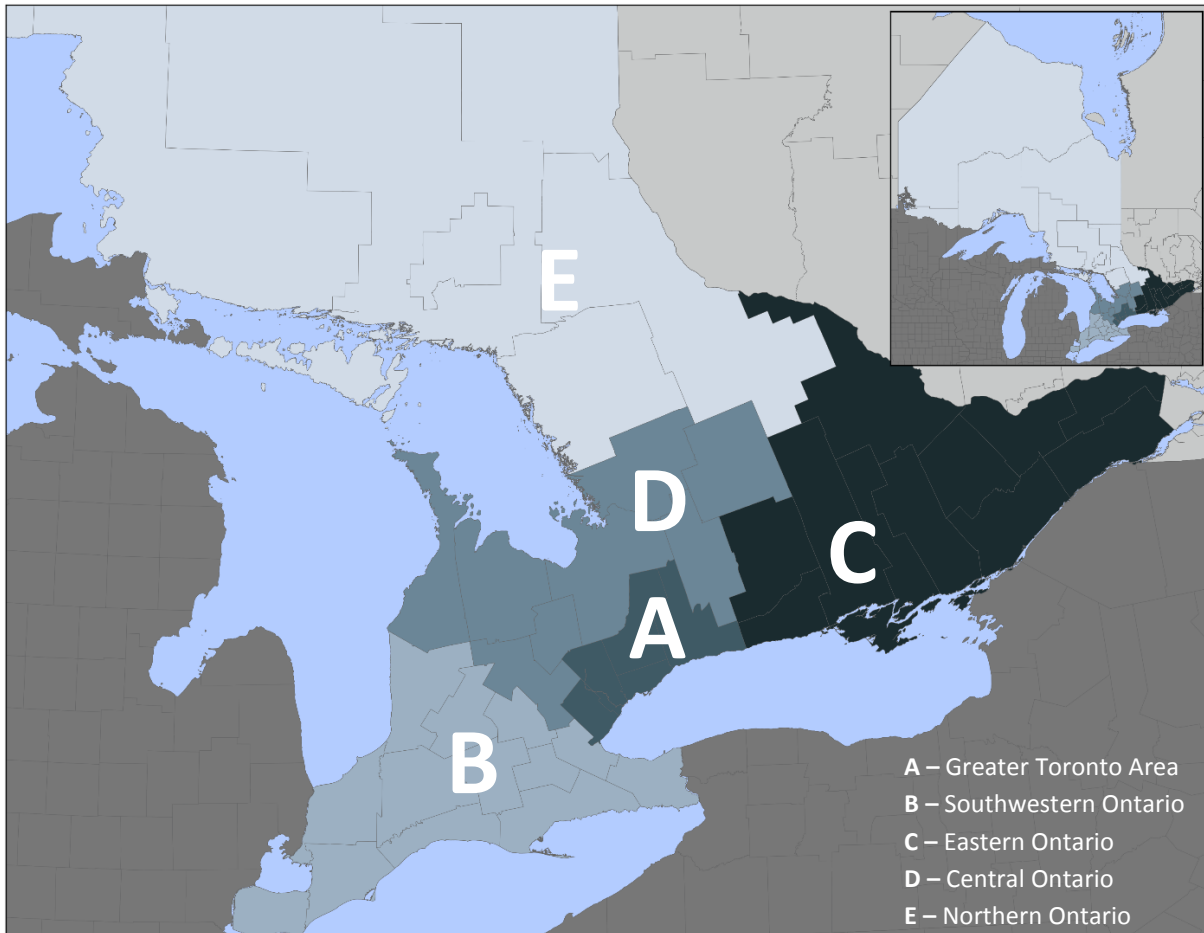
¹⁰ This analysis estimates government revenue from income, corporate and consumption tax which are collected by the provincial and federal governments. It does not include municipal government revenue.

2.4 REGIONAL IMPORTANCE OF OMERS ECONOMIC CONTRIBUTION

Ontario is made up of diverse regions with different industries and local socioeconomic characteristics. This section will consider the economic contributions of OMERS activities at the regional level. In Figure 12, each region is shown in a different shade of blue (from dark to light: Eastern Ontario, Greater Toronto Area, Central Ontario, Southwestern Ontario, and Northern Ontario).

Considering that OMERS members live in every region of the province and that investments are spread out geographically, the economic contributions of OMERS activities in 2018 were far-reaching and were measurable in every community. The following sub-sections detail these contributions for each region individually.

Figure 12 Regional grouping of Ontario municipalities



2.4.1 GREATER TORONTO AREA

OMERS IN THE GTA

OMERS MEMBERSHIP

The Greater Toronto Area (GTA) is the most densely populated region of Canada and is the second-largest financial centre in North America. With a population of 6.4 million people, the GTA is home to just under half of all Ontarians. In total, there were about 121,100 active members of OMERS and 47,600 pension recipients in the area in 2018 (i.e. 2.5 active members per person receiving a pension).

121,100

Active Members

47,600

Receive OMERS Retirement Benefits

8.5%

of private retirement income in the region

4.3%

of the region's total retirement income

People Affected

166,100

Government Revenue

\$1.2 Billion

OMERS INVESTMENTS

OMERS investments were found in 151 locations within the GTA in 2018, predominantly in health care, real estate and technology. These investments supported 17,100 jobs.

- 14 residential properties with 5,198 homes
- 12 office properties (10.4 million square feet)
- 10 industrial properties (8.1 million square feet)
- 5 retail properties (7.2 million square feet)

EMPLOYMENT CONTRIBUTION

48,200

Total jobs supported



OMERS activities supported over 48,000 jobs within the region, which represented about one in 74 jobs in the GTA, with an aggregate wage income of \$2.3 billion. In total, OMERS activities affected over 166,000 people in the GTA, including each person living in a household with someone whose wage was supported by OMERS and everyone who received OMERS retirement benefits payments.

Of all jobs supported in the region, over 11,000 were filled by people under 30 years of age (23% of all jobs) while over 24,000 were held by members of households with children (about one in every 40 households with children in the GTA). Residents of the GTA whose employment was supported by OMERS worked primarily in the retail trade, manufacturing and health care industry, as shown in the *Jobs supported by benefitting industry* figure on the top left side of the following page. Note that manufacturing is a very broad category that includes food and beverage products and other staples of households' day-to-day spending, which helps explain its significance.

31,100

Jobs from pensions



17,100

Jobs from investments

11,200

Filled by people under 30



24,300

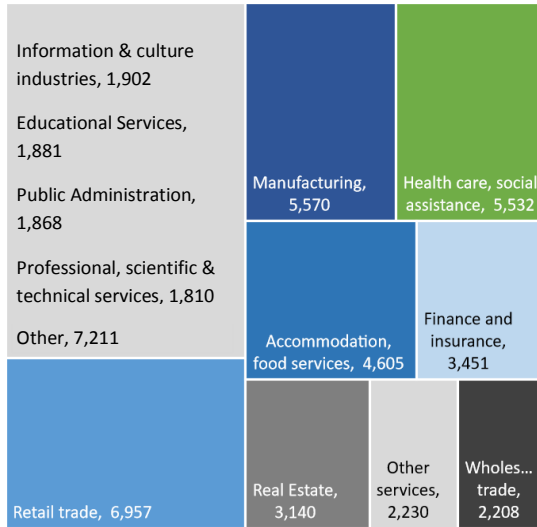
households with children



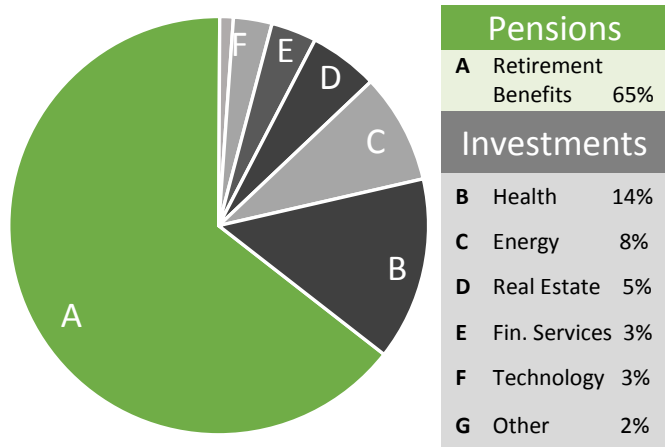
OMERS members supported regional business and industry and also contributed to local employment by spending their retirement benefits payments on goods and services in Ontario. Their pension spending drove 65% of OMERS total employment contribution in the GTA. The remaining 35% was driven by OMERS investments, especially those in the health and energy sectors. These investments supported the local economy, as their activity and operations require goods and services from other Ontario businesses, contributing to employment in related industries.

OMERS and its Members: Ontario Economic Contribution

Jobs supported by benefitting industry



Employment supported by source



ECONOMIC CONTRIBUTION

Across the GTA, OMERS supported over \$4.8 billion in GDP through its pension payments and investments in 2018. Of this total, \$2.7 billion (56%) was generated by members spending their pensions, which means that every \$10 disbursed in pensions in the region contributed \$22 to GDP, on average.

Per person living in the region, OMERS contributed \$754 to regional GDP in 2018. This is a measure of the importance of the OMERS contribution to the region at the individual level since it accounts for the size of the population. At the sub-regional level, the OMERS per capita GDP contribution was most important for Toronto and Durham. The industries that were the main beneficiaries of this economic activity were the manufacturing, real estate, financial services and healthcare industries.

GDP Contribution

**\$4.8
Billion**

\$2.7 Billion
from pensions

\$2.1 Billion
from investments

Annual GDP contribution by industry (\$ millions), GTA



Per capita GDP contribution

Toronto	\$830
Durham	\$797
Peel	\$725
Halton	\$658
York	\$623

TAXATION

The wage income supported by OMERS, as well as the pension spending and corporate profits generated by OMERS investments, contributed to the provincial and federal governments' revenues through taxes. As a whole, the economic activity in the GTA supported by OMERS generated about \$1.2 billion in personal, corporate and consumption taxes in 2018. Of this total, \$0.7 billion was a contribution to federal government revenue (55% through income tax) and \$0.5 billion to provincial revenue (41% through income tax).

2.4.2 SOUTHWESTERN ONTARIO

OMERS IN SOUTHWESTERN ONTARIO

OMERS MEMBERSHIP

Southwestern Ontario includes the cities of Hamilton, Kitchener-Waterloo, St. Catharines, Niagara Falls, London and Windsor. It is home to 3.2 million people or about one-quarter of Ontarians. Important industries include manufacturing; agriculture; technology in Kitchener-Waterloo; and tourism in Niagara. In total, there were 73,000 active OMERS members and about 38,400 people receiving OMERS retirement benefits in 2018. For every person receiving retirement benefits in the region, there were 1.9 active members.

73,000

Active Members

38,400

Receive OMERS Retirement Benefits

8.7%

of private retirement income in the region

4.6%

of the region's total retirement income

People Affected

85,800

Government Revenue

\$0.5 Billion

OMERS INVESTMENTS

OMERS investments were found in 68 locations, predominantly in health care, technology, and transportation in 2018. These investments supported 7,700 jobs

EMPLOYMENT CONTRIBUTION

21,500

Total jobs supported



OMERS activities supported over 21,000 jobs within the region, which represented about one in every 79 jobs in Southwestern Ontario, with an aggregate wage income of \$0.9 billion. In total, OMERS activities affected almost 86,000 people in Southwestern Ontario, including each person living in a household with someone whose wage was supported by OMERS and everyone who received OMERS retirement benefits payments.

13,800

Jobs from pensions



Of all jobs supported in the region, almost 6,000 were filled by people under 30 years of age (26% of all jobs) while nearly 10,000 were held by members of households with children (about one in every 48 households with children in Southwestern Ontario). Residents of Southwestern Ontario whose employment was supported by OMERS worked primarily in the retail trade, health care and manufacturing industries, as shown in the *jobs supported by benefitting industry* figure on the top left side of the following page. Note that manufacturing is a very broad category that includes food and beverage products and other staples of households' day-to-day spending, which helps explain its significance.



7,700

Jobs from investments

5,600

Filled by people under 30



9,800

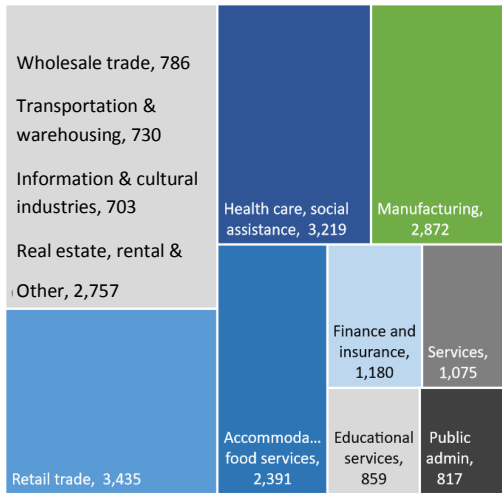
households with children



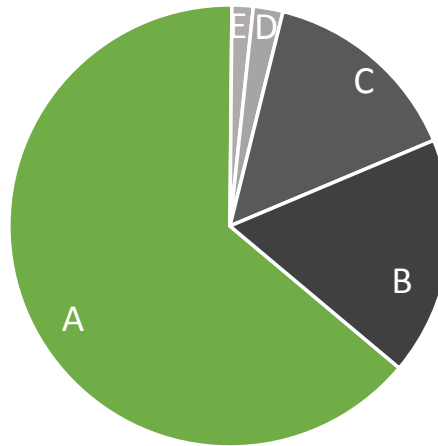
OMERS members supported regional business and industry and also contributed to local employment by spending their pension income on goods and services in Ontario. Their pension spending drove 64% of OMERS total employment contribution in Southwestern Ontario. The remaining 36% was driven by OMERS investments, especially those in the health and energy sectors. These investments support the local economy, as their activities and operations require goods and services from other Ontario businesses, contributing to employment in related industries.

OMERS and its Members: Ontario Economic Contribution

Jobs supported by benefitting industry



Employment supported by source



Pensions		
A	Retirement Benefits	64%
Investments		
B	Health	17%
C	Energy	15%
D	Technology	2%
E	Other	2%

ECONOMIC CONTRIBUTION

Across Southwestern Ontario, OMERS supported nearly \$1.9 billion in GDP through its pension payments and investments in 2018. Of this total, about \$1.2 billion (61%) was generated by members spending their pensions, which means that every \$10 disbursed in pensions in the region contributed \$12 to GDP, on average.

Per person living in the region, OMERS contributed \$591 to regional GDP in 2018. This is a measure of the importance of the OMERS contribution to the region at the individual level since it accounts for the size of the population. At the sub-regional level, the OMERS per capita GDP contribution was most important for the counties of Huron, Perth and Waterloo. The industries that were the main beneficiaries of this economic activity were the manufacturing, healthcare, retail trade and financial services industries.

GDP Contribution
\$1.9 Billion

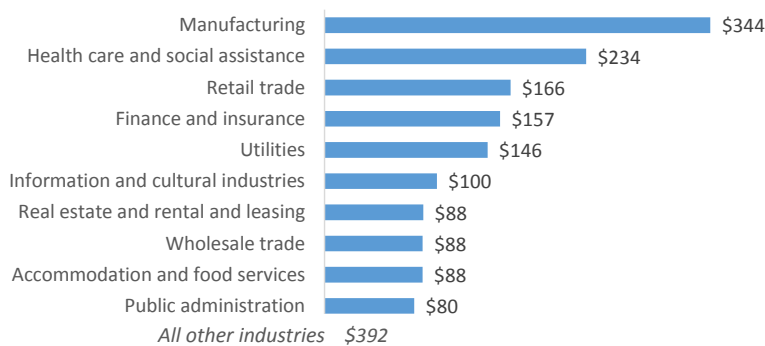
\$1.2 Billion
from pensions

\$0.7 Billion
from investments

Per capita GDP contribution

Huron	\$997
Perth	\$947
Waterloo	\$820
Middlesex	\$623
Oxford	\$612
Hamilton	\$557
Niagara	\$509
Brant	\$494
Elgin	\$491
Chatham-Kent	\$479
Lambton	\$468
Essex	\$442
Haldimand-Nor.	\$339

Annual GDP contribution by industry (\$ millions)



TAXATION

The wage income supported by OMERS, as well as the pension spending and corporate profits generated by OMERS investments, contributed to the provincial and federal governments' revenue through taxes. As a whole, the economic activity supported by OMERS generated about half a billion dollars in personal, corporate and consumption taxes in Southwestern Ontario in 2018. Of this total, \$0.3 billion was a contribution to federal government revenue (57% through income tax) and \$0.2 billion to provincial revenue (42% through income tax).

2.4.3 EASTERN ONTARIO

OMERS IN EASTERN ONTARIO

OMERS MEMBERSHIP

Eastern Ontario is bordered by the GTA, Lake Ontario and the St. Lawrence River, and Quebec. Larger cities include Ottawa, Cornwall, Kingston, Belleville and Peterborough. It is home to the nation's capital and the federal public service, and professional services and technology, tourism and agriculture are important to its economy as well. There were 46,000 active OMERS members and 25,800 people receiving OMERS retirement benefits in 2018. For every person receiving retirement benefits in the region, there were 1.8 active members.

46,000 Active Members	25,800 Receive OMERS Retirement Benefits
6.2% of private retirement income in the region	3.8% of the region's total retirement income
People Affected 53,000	Government Revenue \$0.3 Billion

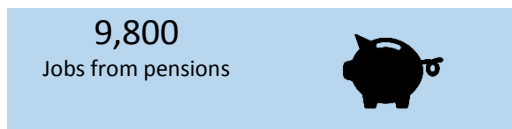
OMERS INVESTMENTS

OMERS investments were found in 34 locations within Eastern Ontario in health care and technology in 2018. These investments supported 2,800 jobs.

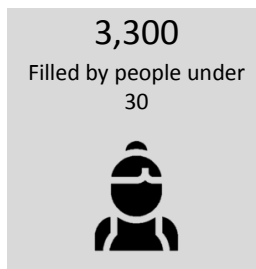
EMPLOYMENT CONTRIBUTION



OMERS activities supported almost 13,000 jobs within the region, which represented one in about 84 jobs in Eastern Ontario, with an aggregate wage income of \$0.6 billion. In total, OMERS activities affected 53,000 people in Eastern Ontario, including each person living in a household with someone whose wage was supported by OMERS and everyone who received OMERS retirement benefits payments.



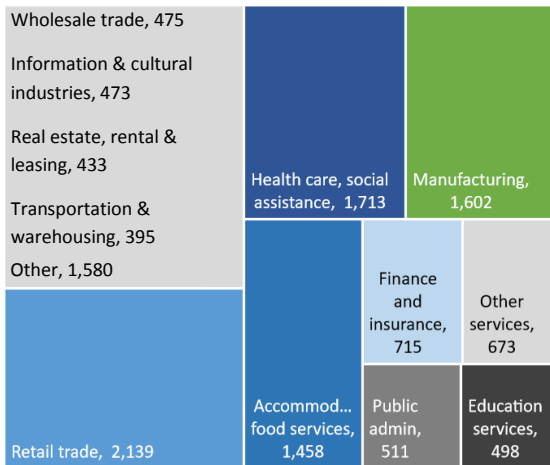
Of all jobs supported in the region, over 3,000 were filled by people under 30 years of age (26% of all jobs) while over 5,000 were members of households with children (about one in every 51 households with children in Eastern Ontario). Residents of Eastern Ontario whose employment was supported by OMERS worked primarily in the retail trade, health care and manufacturing industries, as shown in the *jobs supported by benefitting industry* figure on the top left side of the following page. Note that manufacturing is a very broad category that includes food and beverage products and other staples of households' day-to-day spending, which helps explain its significance.



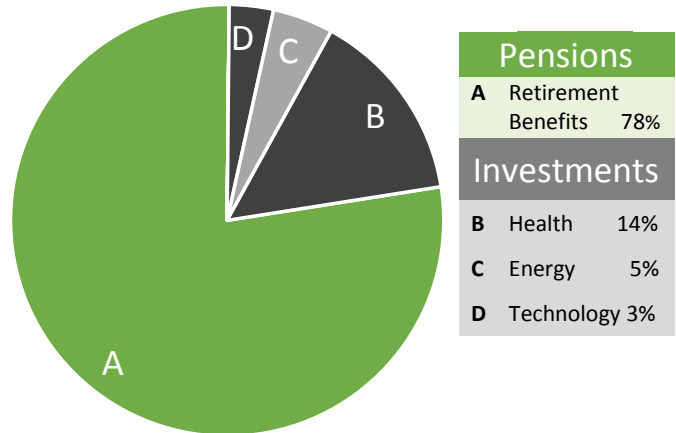
OMERS members supported regional business and industry and also contributed to local employment by spending their pension income on goods and services in Ontario. Their pension spending drove 78% of OMERS total employment contribution in Eastern Ontario. The remaining 22% was driven by OMERS investments, especially in the health sector. These investments supported the local economy, as their activities and operations required goods and services from other Ontario businesses, contributing to employment in related industries.

OMERS and its Members: Ontario Economic Contribution

Jobs supported by benefitting industry



Employment supported by source



ECONOMIC CONTRIBUTION

Across Eastern Ontario, OMERS supported \$1.1 billion in GDP through its pension payments and investments in 2018. Of this total, \$0.8 billion (75%) was generated by members spending their pensions, which means that every \$10 disbursed in pensions in the region contributed \$14 to GDP, on average.

Per person living in the region, OMERS contributed \$556 to regional GDP in 2018. This is a measure of the importance of the OMERS contribution to the region at the individual level since it accounts for the size of the population. At the sub-regional level, OMERS per capita GDP contribution was most important for the counties of Northumberland, Leeds and Grenville and Ottawa. The industries that were the main beneficiaries of this economic activity were the manufacturing, health care, retail trade and finance industries.

GDP Contribution
\$1.1 Billion

\$0.8 Billion
from pensions

\$0.3 Billion
from investments

Per capita GDP contribution

Northumberland	\$721
Leeds and Grenville	\$607
Ottawa	\$604
Peterborough	\$587
Hastings	\$574
Lennox and Add.	\$554
Lanark	\$551
Frontenac	\$504
Stormont/Dundas/G.	\$393
Renfrew	\$388
Prince Edw.	\$319
Prescott and Russell	\$319

Annual GDP contribution by industry (\$ millions)



TAXATION

The wage income supported by OMERS, as well as the pension spending and corporate profits generated by OMERS investments, contributed to the provincial and federal governments' revenues through taxes. As a whole, the economic activity supported by OMERS generated about \$0.3 billion in personal, corporate and consumption taxes in Eastern Ontario in 2018. Of this total, \$0.2 billion was a contribution to federal government revenue (57% through income tax) and \$0.1 billion to provincial revenue (42% through income tax).

2.4.4 CENTRAL ONTARIO

OMERS IN CENTRAL ONTARIO

OMERS MEMBERSHIP

Central Ontario is bordered by the Bruce Peninsula and Georgian Bay, Wellington County, and the GTA. The area is mainly rural and includes the cities of Guelph and Barrie and tourist destinations such as Georgian Bay, Blue Mountain, and Muskoka. The population is about 1.1 million people.

There were 27,500 active OMERS members and 16,200 people receiving OMERS retirement benefits in 2018. For every person receiving retirement benefits, there are 1.7 active members. OMERS retirement benefits are an important source of retirement income for many communities in Central Ontario, including Kawartha Lakes and Grey County, where over 2% of the population received OMERS retirement benefits in 2018. This guaranteed income provides a cushion against volatility in employment income.

27,500

Active Members

16,200

Receive OMERS Retirement Benefits

9.5%

of private retirement income in the region

5.1%

of the region's total retirement income

People Affected

45,600

Government Revenue

\$0.4 Billion

OMERS INVESTMENTS

OMERS investments were found in 38 locations, in health services and energy, supporting 8,500 jobs. A major regional investment, Bruce Power, produces about 30% of Ontario's electricity.

EMPLOYMENT CONTRIBUTION

13,100

Total jobs supported

OMERS pension and investment activities supported over 13,000 jobs within the region, representing one in about 45 jobs in Central Ontario, with an aggregate wage income of \$0.7 billion. Central Ontario was the region with the largest employment contribution from OMERS relative to its population in 2018. This contribution was highest in Bruce County, the location of Bruce Power, where one in seven jobs was supported by OMERS, followed by Grey County, where it was one in 36 jobs. In total, OMERS activities affected almost 46,000 people in Central Ontario, including each person living in a household with someone whose wage was supported by OMERS and everyone who received OMERS retirement benefits payments.

4,600

Jobs from pensions



8,500

Jobs from investments

2,800

Filled by people under 30



5,600

households with children



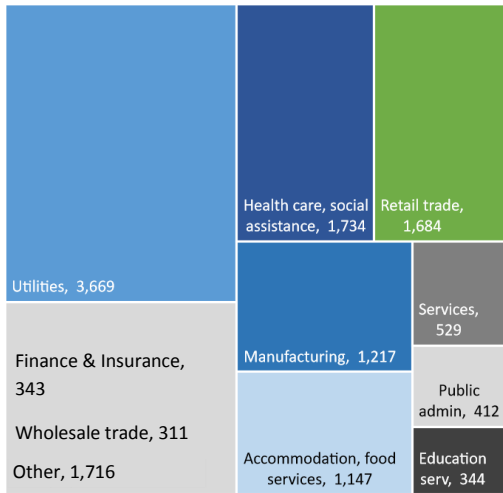
Of all jobs supported in the region, almost 3,000 were filled by people under 30 years of age (21% of all jobs) while about 6,000 were held by members of households with children (one in every 27 households with children in Central Ontario).

Central Ontario is the region in which there were the most jobs supported by OMERS for young people and for households with children, relative to the population in 2018. This is particularly important, given that predominantly rural regions can often have difficulties retaining young people and growing families. Residents of Central Ontario whose employment was supported by OMERS worked primarily in the utilities, health care and retail trade industries, as shown in the *jobs supported by benefitting industry* figure on the top left side of the following page.

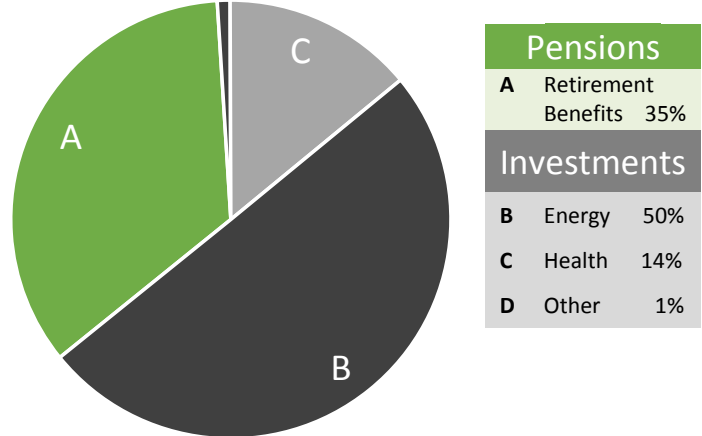
OMERS local investments were the main drivers of OMERS-supported employment in Central Ontario, particularly energy investments (due to Bruce Power). The activities and operations of these investments require goods and services from other Ontario businesses, which contributes to employment in related industries. Together these investments drove 65% of OMERS total employment contribution in Central Ontario. The remaining 35% was driven by OMERS members' pension spending. They supported regional business and industry and also contribute to local employment by spending their pension income on goods and services in Ontario.

OMERS and its Members: Ontario Economic Contribution

Jobs supported by benefitting industry



Employment supported by source



ECONOMIC CONTRIBUTION

Across Central Ontario, OMERS supported over \$1.7 billion in GDP through its investments and pension payments in 2018. Of this total, about \$1.3 billion (78%) was generated by OMERS local investments, and the rest was generated by members spending their pensions.

Per person living in the region, OMERS contributed \$1,610 to regional GDP in 2018. This is a measure of the importance of the OMERS contribution to the region at the individual level since it accounts for the size of the population. At the sub-regional level, the OMERS per capita GDP contribution differed significantly from county to county, with Bruce being the main beneficiary by a factor of ten due to the presence of Bruce Power. The utilities industry was the main beneficiary of this economic activity, with the manufacturing and health care industries as a distant second and third.

GDP Contribution

\$1.7 Billion

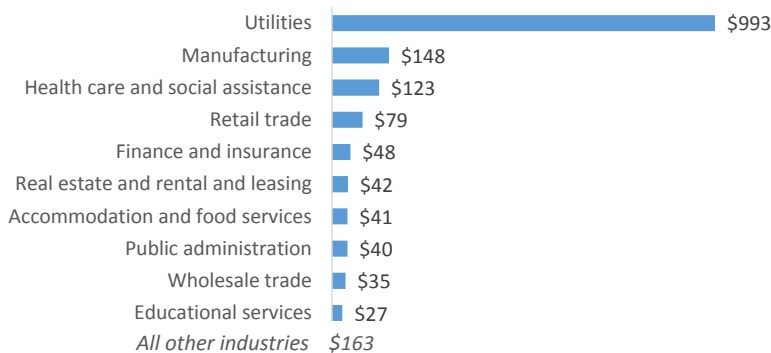
\$0.4 Billion
from pensions

\$1.3 Billion
from investments

Per capita GDP contribution

Bruce	\$14,074
Wellington	\$1,391
Grey	\$1,277
Haliburton	\$649
Dufferin	\$589
Kawartha	\$524
Simcoe	\$499
Muskoka	\$379

Annual GDP contribution by industry (\$ millions)



TAXATION

The wage income supported by OMERS, as well as the pension spending and corporate profits generated by OMERS investments, contributed to the provincial and federal governments' revenues through taxes. As a whole, the economic activity supported by OMERS generated about \$0.4 billion in personal, corporate and consumption taxes in Central Ontario in 2018. Of this total, \$0.2 million was a contribution to federal government revenue (49% through income tax) and \$0.2 million to provincial revenue (37% through income tax).

2.4.5 NORTHERN ONTARIO

OMERS IN NORTHERN ONTARIO

OMERS MEMBERSHIP

Northern Ontario is the region of Ontario with the largest land area, encompassing all counties and regions north of Muskoka, and the smallest population, representing only 6% of Ontario's population. Larger cities include Sudbury and Thunder Bay. Natural resources, particularly mining and forestry, play a large role in the region's economy. There were 22,800 active OMERS members and about 12,700 people receiving OMERS retirement benefits in 2018. For every person receiving retirement benefits, there were 1.8 active members. Northern Ontario was the region with the largest number of pension recipients relative to its population. This source of guaranteed income provides a cushion against volatility in employment income, which is especially important in smaller, rural communities.

22,800

Active Members

12,700

Receive OMERS Retirement Benefits

9.1%

of private retirement income in the region

4.9%

of the region's total retirement income

People Affected

25,400

Government Revenue

\$0.1 Billion

OMERS INVESTMENTS

OMERS investments were found in 32 locations within Northern Ontario in 2018. These investments, all of which were in health services, supported 1,900 jobs.

EMPLOYMENT CONTRIBUTION

6,100

Total jobs supported



OMERS activities supported over 6,000 jobs within the region, which represented about one in 60 jobs in Northern Ontario, with an aggregate wage income of \$0.3 billion. In total, OMERS activities affected over 25,000 people in Northern Ontario, including everyone living in a household with someone whose wage was supported by OMERS and those who received OMERS retirement benefits payments.

4,200

Jobs from pensions



Of all jobs supported in the region, 1,500 were filled by people under 30 years of age (25% of all jobs) while 2,500 were held by members of households with children (about one in every 43 households with children in Northern Ontario). Northern Ontario was one of the regions in which there were the most jobs supported by OMERS for young people and for households with children relative to the population. This is particularly important, given that predominantly rural regions can often have difficulties retaining young people and growing families. Residents of Northern Ontario whose employment was supported by OMERS worked primarily in the health care, retail trade, hospitality and manufacturing industries, as shown in the *jobs supported by benefitting industry* figure on the top left side of the following page. Note that manufacturing is a very broad category that includes food and beverage products and other staples of households' day-to-day spending, which helps explain its significance.



1,900

Jobs from investments

1,500

Filled by people under 30



2,500

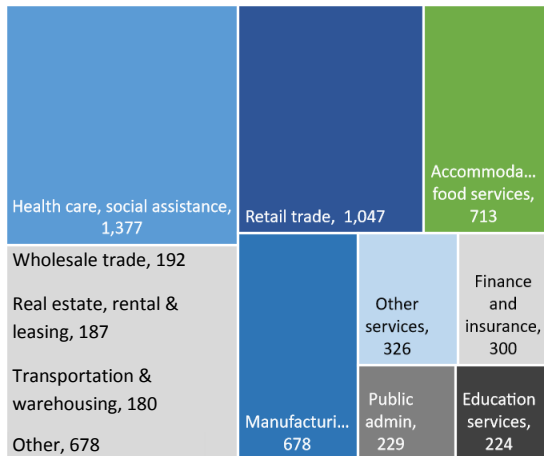
households with children



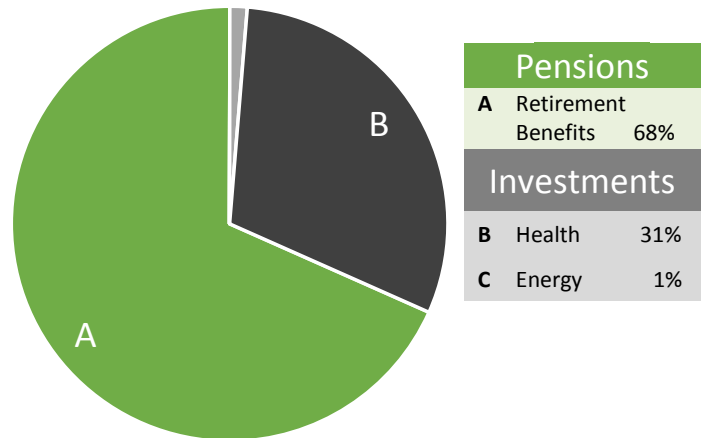
OMERS members supported regional business and industry and also contributed to local employment by spending their pension income on goods and services in Ontario. Their pension spending drove 68% of OMERS total employment contribution in Northern Ontario in 2018. The remaining 32% was driven by OMERS investments, predominantly in the health sector. These investments supported the local economy, as their activities and operations require goods and services from other Ontario businesses, contributing to employment in related industries.

OMERS and its Members: Ontario Economic Contribution

Jobs supported by benefitting industry



Employment supported by source



ECONOMIC CONTRIBUTION

Across Northern Ontario, OMERS supported \$0.5 billion in GDP through its pension payments and investments in 2018. Of this total, \$0.3 billion (70%) was generated by members spending their pensions, which means that every \$10 disbursed in pensions in the region contributed \$12 to GDP, on average.

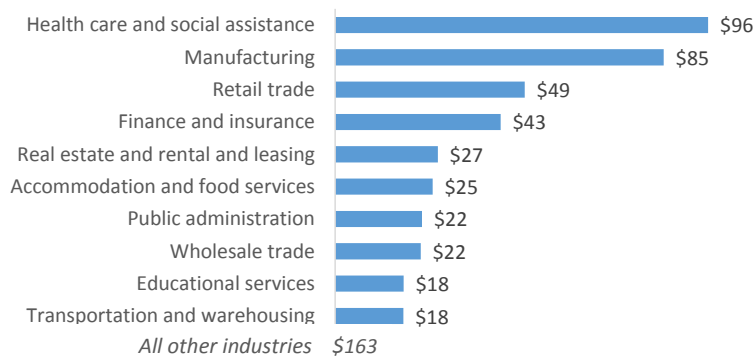
Per person living in the region, OMERS contributed \$631 to regional GDP in 2018. This is a measure of the importance of the OMERS contribution to the region at the individual level since it accounts for the size of the population. At the sub-regional level, the OMERS per capita GDP contribution was most important in Algoma (which includes the city of Sault Ste. Marie) and Thunder Bay. The industries that were the main beneficiaries of this economic activity were the health care, manufacturing, retail trade and financial services industries.

GDP Contribution
\$0.5 Billion

\$0.3 Billion
from pensions

\$0.2 Billion
from investments

Annual GDP contribution by industry (\$ millions)



Per capita GDP contribution

Algoma	\$826
Thunder Bay	\$810
Greater Sudbury	\$649
Rainy River	\$602
Kenora	\$587
Cochrane	\$544
Timiskaming	\$522
Manitoulin	\$472
Nipissing	\$451
Sudbury	\$407
Parry Sound	\$275

TAXATION

The wage income supported by OMERS, as well as the pension spending and corporate profits generated by OMERS investments, contributed to the provincial and federal governments' revenues through taxes. As a whole, the economic activity supported by OMERS generated over \$100 million in personal, corporate and consumption taxes in Northern Ontario in 2018.

3.0 CONCLUSIONS

Across Ontario, through its investments, operations and 140,700 retired members, OMERS supported over 101,000 jobs and over \$10 billion in provincial GDP in 2018. Through the economic activity they supported by spending their pension income, retired OMERS members alone supported more than 63,000 jobs and \$5.4 billion in provincial GDP. OMERS also contributed to Ontario's prosperity through its Ontario-based investments found in over 300 locations. These investments generated an additional 38,000 jobs across the province and contributed \$4.6 billion to GDP. The economic activity supported by OMERS generated revenue for the provincial and federal governments through personal, corporate and consumption taxes, which amounted to almost \$2.6 billion annually that helped pay for local public services.

The industries most supported by OMERS pension and investment activities were utilities and manufacturing, followed by health care, real estate, financial services and retail trade. The mix of industries supported by OMERS varies according to each region's economic base and the types of investments that are present, although retail trade, health care, manufacturing, and hospitality were among the five industries in which the most jobs were supported in every region.

At the regional level, GDP and employment contributions generally corresponded to the size of the regional population. For instance, about half of the GDP supported by OMERS was generated in the Greater Toronto Area, which is home to almost half of the provincial population. However, when taking into account the population size, OMERS was shown to contribute most significantly to less densely populated regions, namely Central and Northern Ontario. These two regions experienced the most jobs supported by OMERS for young people and households with children relative to their respective populations. Given that rural regions in Ontario tend to have difficulties retaining their younger population, this is an important source of support which helps to sustain the vitality of these communities.

The magnitude of these economic, employment and government revenue contributions highlight the significant and unique impact that OMERS activities have in the province. While OMERS investments in energy, health services, infrastructure, real estate and technology play a significant role in supporting employment and economic activity where they are located, retired OMERS members living all over the province have an even larger impact. Having spent their careers building their communities, this study shows that OMERS members continue to support them through their pensions in their retirement years.

APPENDICES

A. METHODOLOGY

A.1. ECONOMIC CONTRIBUTION ANALYSIS

Economic contributions arise from three main effects by economic convention:

Direct Effects

Include all economic activity directly attributable to the operations of OMERS and its investments, as well as the expenditures of OMERS retirement benefits by members. These include the direct spending of retirement benefits and of OMERS employees' wages, as well as the value-added output of OMERS investments in Ontario.

Indirect Effects

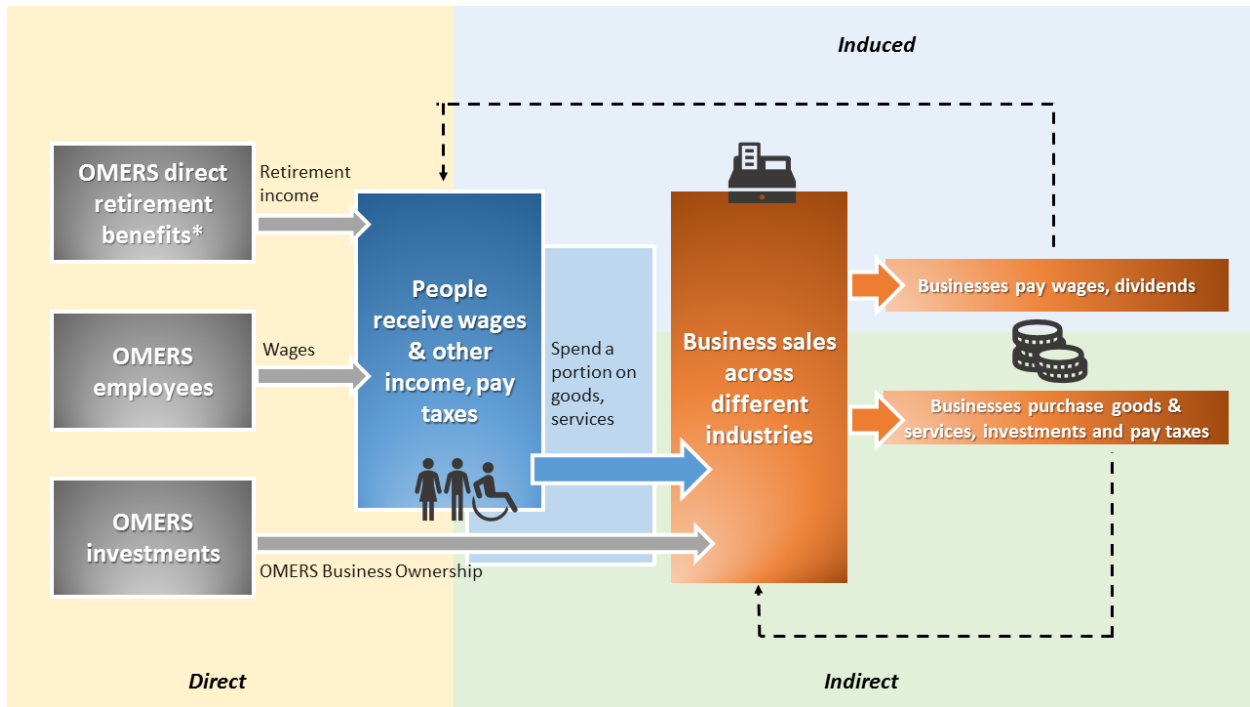
Include all the economic activity supported by business-to-business interactions within the supply chain. They include spending on the goods and services required to conduct business by OMERS and its investments and the business-to-business transactions in local communities where OMERS members spend their retirement benefits. The latter would include additional wages paid to salespeople working in shops where families spend their retirement benefits and the inputs required to produce and supply the additional goods bought by these families.

Induced Effects

Include all economic activity supported by the spending of wages earned by workers whose employment is supported by OMERS activity. For example employees of OMERS suppliers and employees of local businesses where retirement benefits are spent. Induced effects also include expenditures on increased capacity or the replacement of depreciating capital stock that result from reinvesting business profits. These purchases or activities can lead to further hiring, resulting in income and tax revenues.

The infographic in Figure 13 shows how the sources of OMERS economic activity enter into the calculation of economic contribution by the type of economic effect.

Figure 13 Sources of OMERS economic activity, interactions and economic effects



A.2. COMPUTATIONAL APPROACH

Data provided by OMERS on pension payments¹¹, operations and assets were used as inputs for this analysis. Where data was not available, e.g. the number of employees hired by certain OMERS assets, CANCEA generated estimates using Ontario-specific industry averages.

This analysis was conducted through an agent-based model developed by CANCEA and housed in its statistical analysis platform. This model simulates Ontario’s economy by tracking how representative individuals, firms and governments interact with one another, given a set of characteristics and behavioural rules. Individuals are organized into households and work for firms. Individuals conduct financial transactions with firms, firms pay wages to individuals, and firms transact with one another. The government collects taxes from households and firms. The model is calibrated and regularly updated using primarily Statistics Canada data and other relevant publicly available data.

For this analysis, OMERS data was used to give certain individuals and firms in the model the characteristics of OMERS members who receive retirement benefits (e.g. location and income) and firms the characteristics of OMERS and its investments (e.g. location, industry, number of employees). The economic activity generated by these “agents” is then tracked to see how it affects employment and economic activity in the system as a whole, i.e. the whole of Ontario’s economy. This activity generates direct, indirect and induced effects in the system, which are added up to obtain the total effect.

¹¹ No identifiable membership data was used in this analysis.

OMERS and its Members: Ontario Economic Contribution

To calculate **direct effects**, the economic value of the direct output of OMERS-owned assets is estimated using the number of employees by industry and standard industry multipliers provided by Statistics Canada (see Figure 14). Household expenditures by industry are estimated based on household spending patterns (see Figure 15) and total income, whether from OMERS retirement benefits payments or from the wages of OMERS employees.

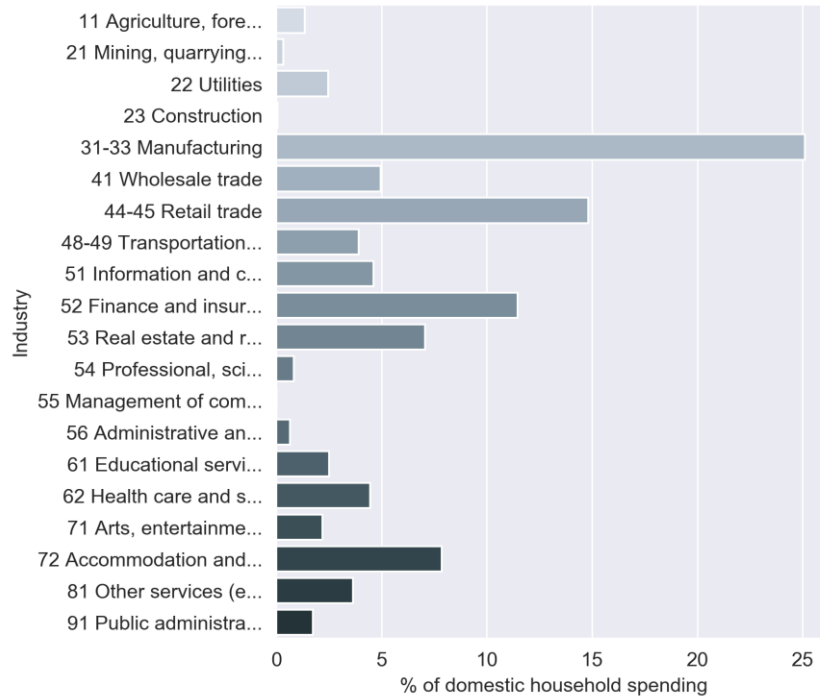
Indirect effects are the economic activity generated by OMERS, its retired members and its investments in other industries through business-to-business interactions. The inputs used by OMERS and OMERS-owned assets and those required to supply the goods and services purchased by retired OMERS members (including the labour required to supply these inputs) are calculated using Statistics Canada symmetric input/output and multiplier tables. Jobs, i.e. labour, are filled in geographical proximity to the source of the original expenditure (Figure 16) based on the geographical distribution of jobs by industry (Figure 17). Wages, which generate additional economic activity called **induced effects**, are calculated using industry averages (Figure 18). The resulting government revenue from income, consumption and corporate taxes are then estimated using current tax rates.

OMERS and its Members: Ontario Economic Contribution

Figure 14 Ontario economic multiplier factors by industry



Figure 15 Household spending by industry (basic prices)

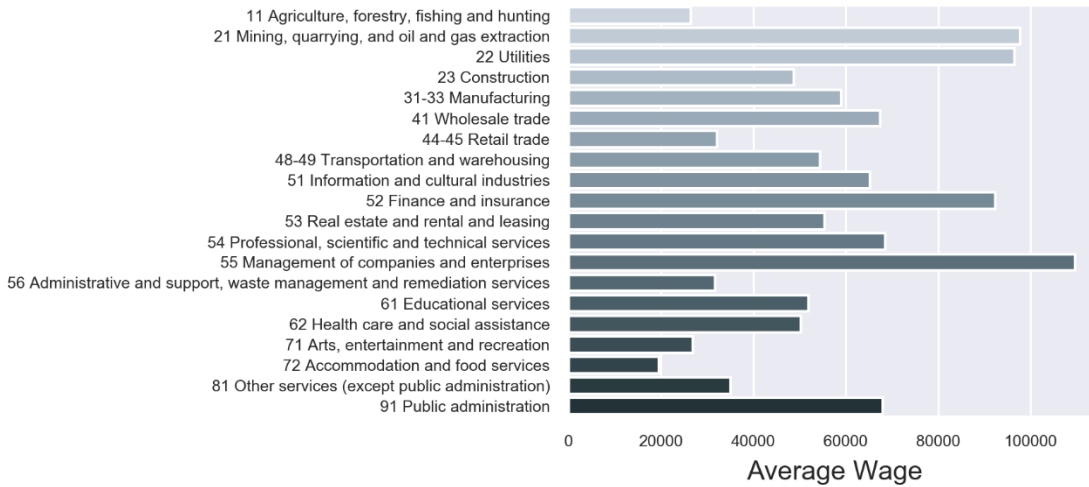


OMERS and its Members: Ontario Economic Contribution

Figure 17 Geographic distribution of jobs in Ontario by industry (thousands)

Census Division	11 Agriculture, fore...	21 Mining, quarrying...	22 Utilities	23 Construction	31-33 Manufacturing	41 Wholesale trade	44-45 Retail trade	48-49 Transportation...	51 Information and c...	52 Finance and insur...	53 Real estate and r...	54 Professional, sci...	55 Management of com...	56 Administrative an...	61 Educational servi...	62 Health care and s...	71 Arts, entertainme...	72 Accommodation and...	81 Other services (e...	91 Public administra...
Algoma	0.8	0.9	0.5	3.3	4.8	0.9	6.3	2.2	0.6	1.2	0.6	1.6	0.0	2.6	3.9	8.3	1.4	4.1	2.0	3.8
Brant	1.6	0.1	0.4	5.4	12.6	3.4	8.5	3.9	1.0	1.8	0.9	3.2	0.1	3.4	4.9	8.5	1.8	4.8	3.2	2.8
Bruce	2.7	0.3	4.9	3.3	2.3	0.8	3.8	1.0	0.4	0.7	0.4	1.3	0.0	0.9	1.8	3.8	0.6	2.3	1.6	1.3
Chatham-Kent	3.8	0.2	1.1	3.1	6.6	1.9	5.7	2.6	0.8	1.2	0.6	1.5	0.0	2.4	3.1	6.5	0.8	3.4	2.2	2.3
Cochrane	0.9	4.2	0.6	2.5	2.2	0.8	5.0	1.9	0.5	0.9	0.4	1.3	0.0	1.1	3.0	5.9	0.4	2.5	1.8	2.5
Dufferin	1.1	0.1	0.3	3.6	4.7	1.8	4.2	2.2	0.6	1.1	0.8	2.2	0.0	1.8	2.5	3.6	0.7	2.4	1.6	2.0
Durham	3.1	0.6	8.1	27.5	28.7	13.9	41.1	17.3	10.3	23.7	7.0	25.2	0.9	17.3	28.1	38.9	7.5	20.6	14.1	21.1
Elgin	2.8	0.1	0.3	3.7	8.0	1.4	4.6	2.9	0.6	1.3	0.6	1.7	0.0	2.1	2.6	5.8	0.7	2.7	2.2	1.8
Essex	5.4	0.5	1.1	10.9	40.5	5.7	21.3	8.9	2.1	6.4	2.6	9.7	0.1	8.3	14.5	25.0	5.2	14.6	8.1	7.6
Frontenac	0.7	0.1	0.5	5.1	3.3	1.6	9.1	2.1	1.2	2.4	1.5	3.9	0.0	3.6	10.4	13.2	1.7	6.6	3.2	9.6
Greater Sudbury / Grand Sudbury	0.4	6.9	0.5	5.5	3.7	2.7	10.4	3.3	1.2	2.4	1.4	4.0	0.1	3.4	7.3	12.8	1.3	5.8	3.5	6.7
Grey	3.4	0.3	0.8	4.6	6.0	1.2	5.8	1.9	0.6	1.3	0.9	2.2	0.0	2.0	2.8	6.8	1.1	2.9	2.4	1.9
Haldimand-Norfolk	4.5	0.2	0.5	5.2	8.4	2.5	6.6	2.9	0.6	1.4	0.6	2.0	0.0	2.2	3.2	6.8	0.9	3.4	2.6	2.3
Haliburton	0.1	0.0	0.1	1.2	0.3	0.2	1.2	0.4	0.1	0.2	0.2	0.4	0.0	0.5	0.4	0.8	0.2	0.7	0.3	0.4
Halton	1.5	0.7	2.0	17.5	30.2	19.4	35.8	14.4	8.7	25.2	7.6	32.7	1.2	12.2	25.8	29.3	5.8	17.4	11.2	14.7
Hamilton	3.0	0.3	1.4	20.6	35.0	11.8	33.5	12.1	5.8	11.7	5.1	16.6	0.4	14.1	25.7	39.0	4.9	18.5	12.4	13.3
Hastings	1.6	0.2	0.5	4.8	7.7	2.1	8.3	3.5	0.8	1.3	1.0	2.2	0.0	4.0	4.4	8.4	0.8	4.6	2.7	6.8
Huron	4.9	0.5	0.5	2.8	3.5	1.2	3.3	1.3	0.4	0.9	0.3	0.9	0.0	1.0	1.8	3.4	0.5	1.8	1.4	1.0
Kawartha Lakes	1.4	0.2	0.5	4.1	2.9	1.1	4.6	1.6	0.5	1.1	0.6	1.7	0.0	1.7	2.4	4.7	0.9	1.9	1.8	2.4
Kenora	0.7	1.2	0.4	2.1	1.2	0.3	3.4	1.7	0.3	0.5	0.3	0.7	0.0	0.7	3.0	5.3	0.3	2.3	1.2	3.4
Lambton	2.7	0.7	0.7	5.3	7.0	2.3	7.0	2.6	0.6	1.4	0.8	2.9	0.0	3.0	3.8	8.2	1.4	4.7	3.0	2.5
Lanark	0.8	0.2	0.3	3.8	2.6	1.0	4.5	1.3	0.8	0.9	0.6	2.2	0.0	1.4	2.3	4.4	0.7	2.1	1.7	3.3
Leeds and Grenville	1.7	0.1	0.3	4.3	4.6	1.7	6.4	2.4	0.7	1.2	0.8	2.3	0.0	2.5	3.1	6.9	1.1	3.4	2.1	4.1
Lennox and Addington	0.7	0.0	0.3	2.0	2.0	0.5	2.5	1.0	0.2	0.5	0.3	0.8	0.0	0.9	1.5	3.1	0.3	1.4	0.9	2.1
Manitoulin	0.3	0.1	0.1	0.4	0.2	0.1	0.6	0.4	0.1	0.1	0.1	0.2	0.0	0.1	0.4	1.0	0.1	0.3	0.3	0.4
Middlesex	4.8	0.3	1.3	16.2	25.9	8.3	28.4	10.3	4.4	14.1	4.4	15.9	0.2	11.6	23.6	36.1	5.1	17.5	10.9	9.7
Muskoka	0.3	0.2	0.3	4.6	1.8	0.8	4.7	1.0	0.4	0.7	0.9	1.7	0.0	1.7	1.7	3.5	1.1	2.9	1.3	1.8
Niagara	6.0	0.5	1.4	16.1	21.7	8.2	28.5	9.9	3.0	7.2	3.6	11.0	0.2	11.8	17.3	27.7	9.3	25.0	10.5	11.3
Nipissing	0.5	1.0	0.4	2.6	2.0	0.8	5.5	2.0	0.4	1.0	0.6	1.7	0.0	1.6	3.7	6.5	0.6	3.0	1.7	3.5
Northumberland	1.4	0.2	1.1	3.7	5.0	1.2	5.1	1.7	0.5	1.0	0.7	2.1	0.0	1.8	2.7	5.1	0.7	2.8	2.0	2.4
Ottawa	2.3	0.5	1.4	23.7	16.7	12.8	54.8	15.5	14.9	18.0	9.9	55.6	0.4	22.3	43.2	59.2	10.2	34.4	22.1	115.0
Oxford	4.0	0.2	0.3	4.6	13.8	2.6	6.6	3.8	0.7	1.9	0.7	2.2	0.0	2.3	3.1	6.4	1.0	3.8	2.8	2.1
Parry Sound	0.3	0.2	0.2	2.4	1.4	0.4	2.7	0.9	0.2	0.4	0.3	0.9	0.0	0.7	1.3	2.9	0.4	1.3	0.9	1.4
Peel	2.2	0.8	3.2	46.6	95.9	44.4	88.3	74.5	18.6	50.8	16.5	64.6	1.9	41.5	45.3	63.5	9.6	43.0	29.1	25.8
Perth	4.2	0.1	0.1	3.7	8.6	2.0	4.6	1.7	0.5	1.8	0.5	1.8	0.0	1.4	2.4	4.7	1.3	2.5	2.0	1.2
Peterborough	1.3	0.4	0.9	5.8	5.3	2.2	9.2	2.7	1.2	1.8	1.1	3.5	0.0	3.8	6.2	10.3	1.7	5.0	3.3	4.1
Prescott and Russell	1.8	0.1	0.2	5.3	3.3	1.5	5.4	2.3	0.6	1.4	0.5	2.2	0.0	2.1	4.1	5.6	0.7	2.5	2.3	7.3
Prince Edward	0.7	0.0	0.1	1.1	0.8	0.3	1.3	0.5	0.1	0.3	0.3	0.7	0.0	0.7	0.7	1.5	0.3	1.0	0.4	0.7
Rainy River	0.5	0.3	0.1	0.7	0.5	0.1	1.2	0.5	0.1	0.2	0.1	0.3	0.0	0.3	0.9	1.7	0.1	0.7	0.4	0.8
Renfrew	1.5	0.2	0.9	4.0	3.5	0.9	5.9	1.4	0.7	0.8	0.6	3.5	0.0	2.1	3.1	6.8	0.6	3.2	2.1	8.7
Simcoe	4.0	0.7	2.2	26.0	30.1	10.2	33.6	12.0	4.7	7.4	5.3	14.1	0.3	13.5	17.8	30.4	7.2	19.2	11.2	18.0
Stormont, Dundas and Glengarry	2.7	0.1	0.5	4.5	5.4	1.9	7.2	3.7	0.6	1.2	0.7	2.0	0.0	2.4	3.5	7.4	0.9	3.3	2.4	3.8
Sudbury	0.4	0.5	0.1	0.8	1.1	0.2	1.1	0.7	0.1	0.2	0.1	0.3	0.0	0.2	0.6	1.3	0.1	0.8	0.3	0.7
Thunder Bay	1.6	1.7	0.8	4.9	4.0	1.8	8.6	3.8	1.4	1.6	0.9	3.6	0.0	2.1	6.7	12.7	1.2	5.4	3.1	6.1
Timiskaming	0.8	1.8	0.2	1.0	1.1	0.2	1.8	0.7	0.2	0.2	0.1	0.4	0.0	0.4	1.2	2.2	0.1	0.8	0.6	0.9
Toronto	2.1	2.0	6.4	79.8	112.6	53.7	149.5	62.7	65.5	131.0	43.6	189.2	4.4	81.1	117.2	156.7	36.3	112.1	72.0	57.8
Waterloo	4.4	0.4	1.2	20.9	50.5	13.1	33.6	13.1	8.8	19.6	5.2	23.7	0.5	12.6	26.8	30.7	4.7	19.5	11.8	11.1
Wellington	4.8	0.2	0.6	9.0	23.8	6.0	13.1	5.2	2.0	4.9	2.0	8.8	0.2	5.0	12.8	12.3	2.6	7.3	5.6	5.8
York	2.3	0.8	3.4	43.8	55.9	32.4	69.0	22.1	17.3	51.4	19.3	68.5	1.5	24.0	48.2	52.7	10.9	33.3	25.8	23.6

Figure 18 Average wage in Ontario by industry



B. LIST OF INDUSTRIES

This report follows the North American Industry Classification System (NAICS). Table 5 below lists all industries by full name and NAICS code.

Table 5 Full industry list

NAICS Code	Industry
11	Agriculture, forestry, fishing and hunting
21	Mining, quarrying, and oil and gas extraction
22	Utilities
23	Construction
31-33	Manufacturing
41	Wholesale trade
44-45	Retail trade
48-49	Transportation and warehousing
51	Information and cultural industries
52	Finance and insurance
53	Real estate and rental and leasing
54	Professional, scientific and technical services
55	Management of companies and enterprises
56	Administrative and support, waste management and remediation services
61	Educational services
62	Health care and social assistance
71	Arts, entertainment and recreation
72	Accommodation and food services
81	Other services (except public administration)
91	Public administration

C. DATA SOURCES

OMERS provided the data required for this analysis, including:

- Detailed pension payment data by location
- A detailed list of assets including estimated market value, and number of employees (where available)
- Average wages and salaries of OMERS employees and employees of some investments, where available

Note that no identifiable membership data was used in this analysis.

Statistics Canada CANSIM tables used in this analysis include:

- **11-10-0012** Distribution of income by census type
- **11-10-0019** Economic dependency profile of census families by family type and source of income
- **11-10-0033** Economic dependency profile by income and sex
- **11-10-0223** Household spending by income quintile,
- **11-10-0224** Household spending by household type,
- **17-10-0139** Population estimates, July 1, by census division, 2016 boundaries
- **36-10-0001** Symmetric input-output tables, detail level
- **36-10-0013** Input-output multipliers, summary level
- **36-10-0084** Symmetric input-output tables, summary level
- **36-10-0113** Input-output multipliers, provincial and territorial, summary level
- **36-10-0221** Gross domestic product, income-based, provincial and territorial, annual
- **36-10-0222** Gross domestic product, expenditure-based, provincial and territorial, annual
- **36-10-0438** Supply and use tables, summary level, provincial and territorial
- **36-10-0450** Revenue, expenditure and budgetary balance - General governments, provincial and territorial economic account
- **36-10-0478** Supply and use tables, detail level, provincial and territorial (x 1,000)
- **36-10-0587** Distributions of household economic accounts, income, consumption and saving, by characteristic
- **36-10-0595** Input-output multipliers, provincial and territorial, detail level
- **98-400-X2016120** Income Sources and Taxes (34) and Income Statistics (5A) for the Population Aged 15 Years and Over in Private Households of Canada, Provinces and Territories, Census Divisions and Census Subdivisions, 2016 Census - 25% Sample Data
- **98-400-X2016149** Family MBM Low-income Status (5), Economic Family Structure (9), Family Size of Economic Family (5), Ages of Economic Family Members (18) and Number of Earners in the Economic Family (6) for Economic Families in Private Households of Canada, Provinces and Territories, Census Metropolitan Areas and Census Agglomerations, 2016 Census - 25% Sample Data
- **98-400-X2016227** Age of Primary Household Maintainer (9), Tenure (4), Structural Type of Dwelling (10) and Household Type Including Census Family Structure (9) for Private Households of Canada, Provinces and Territories, Census Divisions and Census Subdivisions, 2016 Census - 25% Sample Data
- **98-400-X2016292** Industry - North American Industry Classification System (NAICS) 2012 (427A), Class of Worker (7A), Labour Force Status (3), Age (13A) and Sex (3) for the Labour Force Aged 15 Years and Over in Private Households of Canada, Provinces and Territories and Census Divisions, 2016 Census - 25% Sample Data

OMERS and its Members: Ontario Economic Contribution

- **98-400-X2016358** Industry - North American Industry Classification System (NAICS) 2012 (425), Employment Income Statistics (3), Highest Certificate, Diploma or Degree (7), Immigrant Status and Period of Immigration (10), Work Activity During the Reference Year (4), Age (5A) and Sex (3) for the Population Aged 15 Years and Over Who Worked in 2015 and Reported Employment Income in 2015, in Private Households of Canada, Provinces and Territories and Census Metropolitan Areas, 2016 Census - 25% Sample Data
- **98-400-X2016390** Census Family Status and Household Living Arrangements (13), Household Type of Person (9), Age (12) and Sex (3) for the Population in Private Households of Canada, Provinces and Territories, Census Metropolitan Areas and Census Agglomerations, 2016 and 2011 Census - 100% data
- **Census Profile 2016 (Census Divisions)**