



2020 SECTOR SPOTLIGHT

MANUFACTURING



This program is funded in part by the Government of Canada and the Government of Ontario.



Published July 2020

Manufacturing

Report Contents

What is this industry sector?

- STATISTICS CANADA DEFINITION

How does this sector stack up in Ottawa?

- OTTAWA DASHBOARD
- HIGHLIGHTS

Sector Employment (Jobs)

- REGIONAL TRENDS (5-year Job Growth - Ottawa vs. Ontario vs. Canada)
- 2019 EMPLOYMENT SNAPSHOT – A SUBSECTOR VIEW
- 2019 EMPLOYMENT SNAPSHOT – INDUSTRY GROUPS
- JOB NUMBERS BY INDUSTRY GROUP (Past 5 years and 3-year outlook)
- KEY OCCUPATIONS IN THE SECTOR

Sector Self-Employment

- SECTOR AT A GLANCE
- A CLOSER LOOK AT SHARE OF SELF-EMPLOYMENT

Sector Business & Employer Counts

- SECTOR AT A GLANCE
- BUSINESS COUNTS AT INDUSTRY GROUP LEVEL

Online Supply & Demand

- ONLINE JOB POSTINGS
- ONLINE JOB SEEKER PROFILES

In the News

- GAINS
- LOSSES
- TRENDS/PROJECTIONS

Appendices

- SECTOR STRUCTURE
- SAMPLE REPORT - INDUSTRY SUMMARIES

Note on geography: This report looks at data for the Ottawa Census subdivision. Census subdivision (CSD) is the general term for municipalities (as determined by provincial/territorial legislation).

What is this industry sector?

STATISTICS CANADA DEFINITION



This sector comprises establishments primarily engaged in the chemical, mechanical or physical transformation of materials or substances into new products. These products may be finished, in the sense that they are ready to be used or consumed, or semi-finished, in the sense of becoming a raw material for an establishment to use in further manufacturing. Related activities, such as the assembly of the component parts of manufactured goods; the blending of materials; and the finishing of manufactured products by dyeing, heat-treating, plating and similar operations are also treated as manufacturing activities. Manufacturing establishments are known by a variety of trade designations, such as plants, factories or mills.

SECTOR STRUCTURE

Below we show this sector's **twenty-one subsectors** (3-digit level), as well as the *4-digit level Industry Groups* that will be explored in this report.

SUBSECTORS

- 311 – Food manufacturing
- 312 – Beverage and tobacco product manufacturing
- 313 – Textile mills
- 314 – Textile product mills
- 315 – Clothing manufacturing
- 316 – Leather and allied product manufacturing
- 321 – Wood product manufacturing
- 322 – Paper manufacturing
- 323 – Printing and related support activities
- 324 – Petroleum and coal product manufacturing
- 325 – Chemical manufacturing
- 326 – Plastics and rubber products manufacturing
- 327 – Non-metallic mineral product manufacturing
- 331 – Primary metal manufacturing
- 332 – Fabricated metal product manufacturing
- 333 – Machinery manufacturing
- 334 – Computer and electronic product manufacturing
- 335 – Electrical equipment, appliance and component manufacturing
- 336 – Transportation equipment manufacturing
- 337 – Furniture and related product manufacturing
- 339 – Miscellaneous manufacturing

How does this sector stack up in Ottawa?

OTTAWA DASHBOARD

The graphic below ranks Ottawa's Top 16 sectors (based on number of jobs in 2019) and shows how *Manufacturing (NAICS 31-33)* stacks up against the other sectors on a dashboard highlighting key local labour market information (LMI).

#13	#14	#16	#5	#14	#15	#11	#3	#6	#8	#8
2019 Jobs	5 Year Job Gains	Share of Jobs	Annual Salary*	Self-Employed	Business Count	Employer Count	Job Ads	Job Profiles	Unemployment Rate	Unionization Rate*
131,619	8,703	3.33	\$86,338	30%	18,942	5,987	5,468	3,632	2%	73%
68,431	6,849	1.35	\$86,088	25%	17,856	3,522	5,044	2,198	3%	65%
61,746	6,399	1.27	\$82,937	23%	9,470	3,435	3,205	2,122	3%	47%
59,192	3,372	1.09	\$76,145	22%	7,258	2,777	2,861	1,016	3%	46%
49,534	2,827	1.04	\$66,610	22%	6,328	2,763	2,410	773	4%	29%
39,860	2,581	1.00	\$66,120	19%	5,553	2,162	2,028	739	4%	26%
33,684	2,416	0.99	\$63,845	15%	5,405	1,386	1,763	545	4%	26%
32,847	2,255	0.92	\$61,482	13%	3,576	1,250	1,270	457	4%	19%
28,112	2,022	0.92	\$54,585	10%	3,361	969	930	450	5%	13%
20,357	1,983	0.87	\$51,469	8%	2,822	915	900	364	5%	12%
19,633	1,913	0.85	\$50,523	7%	1,643	678	594	359	5%	12%
19,316	1,655	0.74	\$49,332	7%	1,576	546	561	208	7%	11%
18,774	927	0.72	\$47,069	5%	1,429	497	488	185	8%	10%
14,945	440	0.68	\$40,104	5%	1,423	455	476	126	8%	7%
13,805	354	0.66	\$30,716	4%	1,249	434	456	72	9%	7%
12,319	-2,118	0.36	\$21,874	0%	179	161	352	69	9%	0%
# of jobs (2019)	Increase in # of jobs over past 5 years (2014-2019)	National Location Quotient (1.00 = national norm)	Average annual salary in 2019* (not including self-employed)	% of jobs that are self-employed	Incl. business without employees (Dec 2019)	Businesses with at least 1 employee (Dec 2019)	# of online job ads (2019)	# of job seeker Profiles added or updated (2019)	% of labour force unemployed (2016)	% of sector jobs unionized in 2018 (*some sectors combined in CANSIM data)

Average annual salary in 2019* not including self-employed

Unionization Rate % of sector* jobs unionized in 2018 (*some sectors combined in CANSIM data)

TOP 10 OCCUPATIONS (# of 2019 jobs)	TOP 10 EMPLOYERS (# of postings in 2019)	TOP 10 EMPLOYERS (number of employees)
0911 Manufacturing managers (796)	1. IBM Canada Ltd. (303)	1. General Dynamics Msn Sys-Cnd (1,200)
2173 Software engineers and designers (537)	2. Ontario Trap Rock (209)	2. Canadian Bank Note Co LTD (1,000)
6411 Sales and account representatives - wholesale trade (non-technical) (495)	3. Ross Video Limited (187)	3. Fischer Scientific Co (969)
2174 Computer programmers and interactive media developers (460)	4. Abbott Laboratories Ltd. (164)	4. Black Berry (600)
2133 Electrical and electronics engineers (447)	5. Nokia Products Limited (158)	5. Lockheed Martin Canada (600)
9461 Process control and machine operators, food and beverage processing (430)	6. OZ Optics Ltd. (154)	6. RE Gilmore Investments Corp (600)
9537 Other products assemblers, finishers and inspectors (351)	7. Lockheed Martin Canada (121)	7. Gilmore Overclick Technologies (500)
2147 Computer engineers (except software engineers and designers) (340)	8. Canadian Bank Note Company, Limited (104)	8. Lowe-Martin Co Inc (400)
7237 Welders and related machine operators (340)	9. Innovapost Inc. (86)	9. Curtis Wright Controls (380)
9523 Electronics assemblers, fabricators, inspectors and testers (335)	10. Thermo Ramsey (85)	10. Capital Security-Investigation (375)

Source: InfoCanada 2020

Sector Employment (Jobs)

REGIONAL TRENDS (5-year Job Growth - Ottawa vs. Ontario vs. Canada)

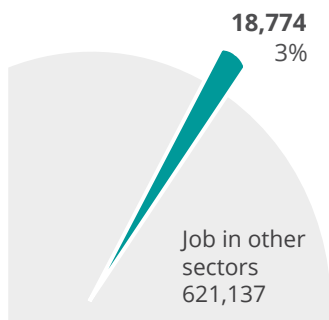
	Region	2014 Jobs	2019 Jobs	Change	% Change
●	Ottawa	18,334	18,774	440	2.4%
●	Ontario	688,220	718,393	30,173	4.4%
●	Canada	1,570,230	1,653,478	83,248	5.3%

2019 EMPLOYMENT – A SUBSECTOR VIEW

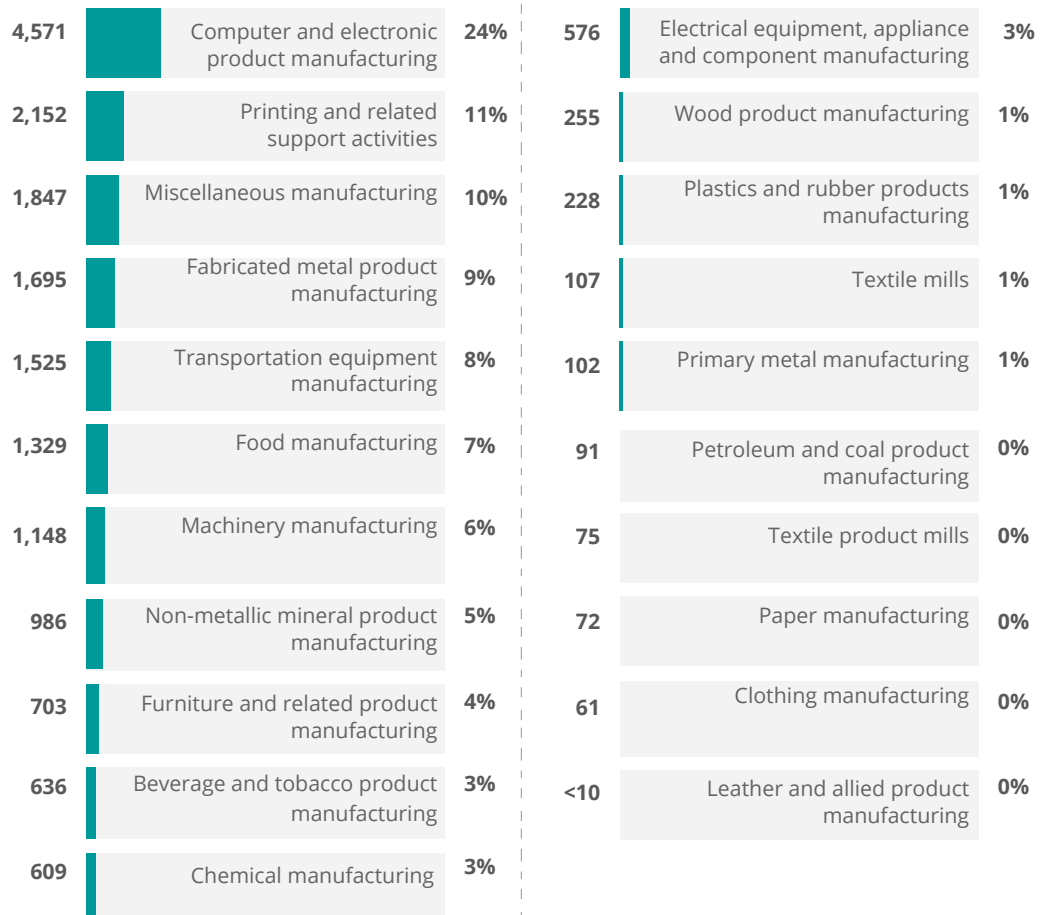
#13

Ranked **thirteenth** out of 16 on # of jobs

One-fourth (24%) are in Computer and electronic product manufacturing



18,774 Sector Jobs in 2019 (3% of all Ottawa Jobs)



Source: EMSI Analyst 2020

Job numbers, growth rate and forecast number of new jobs – SUBSECTOR VIEW

NAICS	Description	2014	2015	2016	2017	2018	2019	% Change (2014-2019)	Forecast change (2019-2022)
334	Computer and electronic product manufacturing	5,432	5,051	5,012	4,641	4,630	4,571	-16%	-272
323	Printing and related support activities	2,392	2,300	2,252	2,133	2,228	2,152	-10%	-70
339	Miscellaneous manufacturing	1,446	1,672	1,781	1,766	1,821	1,847	28%	128
332	Fabricated metal product manufacturing	1,568	1,533	1,479	1,476	1,630	1,695	8%	43
336	Transportation equipment manufacturing	1,270	1,359	1,344	1,384	1,499	1,525	20%	69
311	Food manufacturing	1,522	1,406	1,354	1,203	1,212	1,329	-13%	-37
333	Machinery manufacturing	761	1,016	1,161	1,067	1,116	1,148	51%	86
327	Non-metallic mineral product manufacturing	900	1,046	857	974	964	986	10%	27
337	Furniture and related product manufacturing	473	580	594	715	796	703	49%	47
312	Beverage and tobacco product manufacturing	277	382	477	533	549	636	130%	44
325	Chemical manufacturing	505	572	596	637	593	609	21%	8
335	Electrical equipment, appliance and component manufacturing	613	695	758	561	519	576	-6%	-26
321	Wood product manufacturing	321	370	321	236	230	255	-21%	-32
326	Plastics and rubber products manufacturing	268	231	231	217	210	228	-15%	0
313	Textile mills	86	85	109	116	112	107	24%	5
331	Primary metal manufacturing	99	103	93	77	88	102	3%	5
324	Petroleum and coal product manufacturing	83	87	90	84	88	91	10%	5
314	Textile product mills	138	129	112	113	90	75	-46%	-7
322	Paper manufacturing	107	96	96	89	78	72	-33%	-13
315	Clothing manufacturing	67	63	60	65	67	61	-9%	-1
316	Leather and allied product manufacturing	<10	<10	<10	<10	<10	<10	Insf. Data	Insf. Data

Source: EMSI Analyst 2020 (*EMSI recommends taking occupation data below 500 jobs with "a grain of salt" because of source data sampling sizes; occupation data is not considered reliable where fewer than 100 jobs)

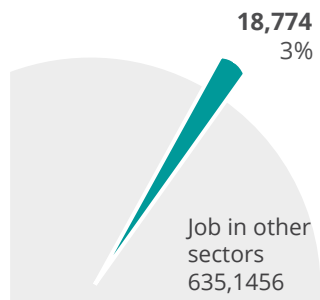
2019 EMPLOYMENT SNAPSHOT – INDUSTRY GROUPS

#16

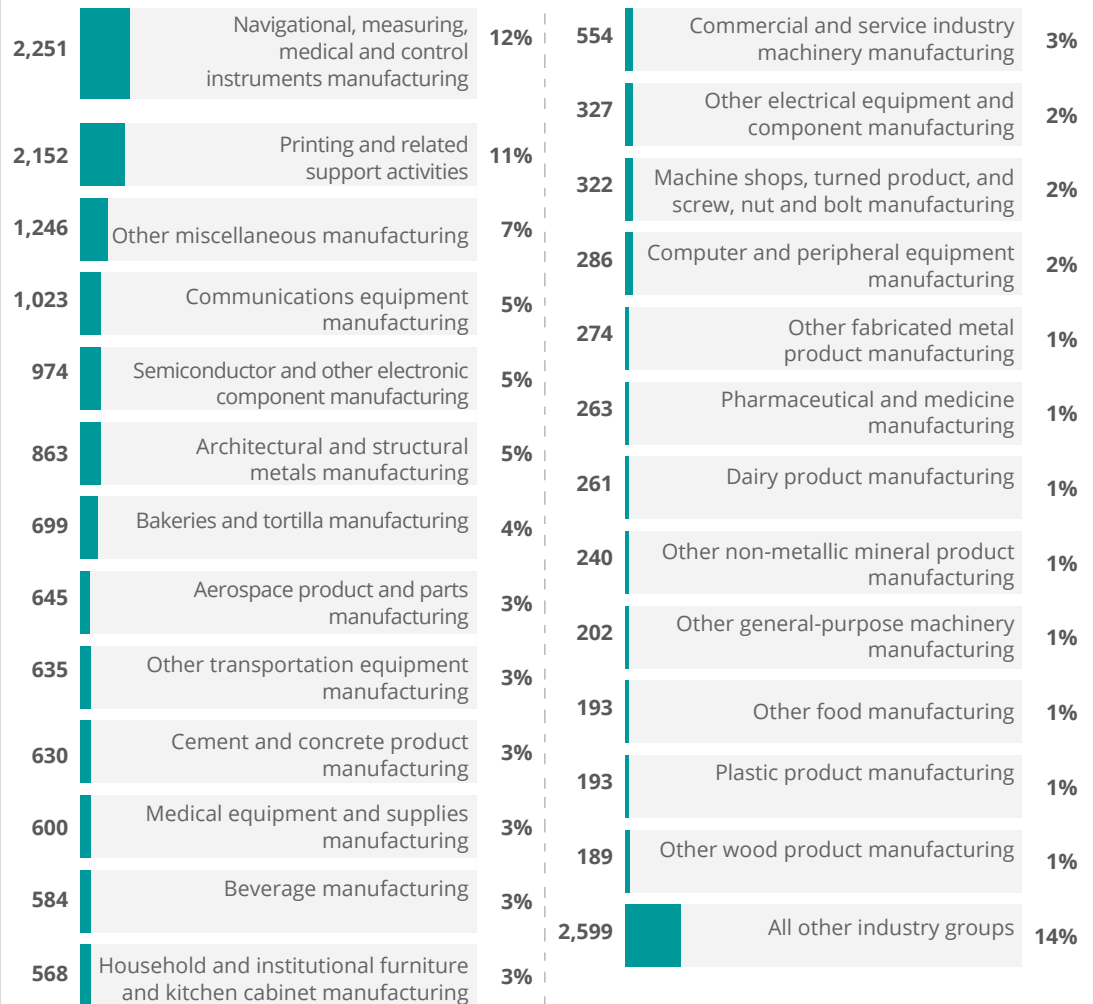
Ranked **sixteenth** out of **16** on # specialization

12% of sector jobs in Navigational, measuring, medical and control instruments manufacturing

64% below the national average for share of workers in this industry



18,774 Sector Jobs in 2019 (3% of all Ottawa Jobs)



A closer look at specialization:

Ottawa's share of workers in Navigational, measuring, medical and control instruments manufacturing is three times greater than the national average but most other industry groups account for a well below average share of the workforce.

Source: EMSI Analyst 2020

Job numbers, growth rate and forecast number of new jobs – TOP TEN

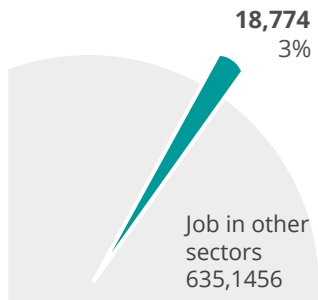
NAICS	Description	2014	2015	2016	2017	2018	2019	% Change (2014-2019)	Forecast change (2019-2022)
3345	Navigational, measuring, medical and control instruments manufacturing	1,971	1,891	2,005	2,118	2,271	2,251	14%	59
3231	Printing and related support activities	2,392	2,300	2,252	2,133	2,228	2,152	-10%	-70
3399	Other miscellaneous manufacturing	899	1,094	1,121	1,145	1,253	1,246	39%	94
3342	Communications equipment manufacturing	2,174	1,950	1,672	1,246	1,087	1,023	-53%	-339
3344	Semiconductor and other electronic component manufacturing	814	861	1,069	930	928	974	20%	23
3323	Architectural and structural metals manufacturing	846	854	779	790	819	863	2%	18
3118	Bakeries and tortilla manufacturing	801	717	675	638	612	699	-13%	-15
3364	Aerospace product and parts manufacturing	568	619	597	500	617	645	14%	42
3369	Other transportation equipment manufacturing	453	493	503	646	624	635	40%	24
3273	Cement and concrete product manufacturing	545	613	513	562	611	630	16%	27
	SECTOR TOTAL	18,334	18,781	18,782	18,093	18,525	18,774	2%	5

Source: EMSI Analyst 2020 (*EMSI recommends taking occupation data below 500 jobs with "a grain of salt" because of source data sampling sizes; occupation data is not considered reliable where fewer than 100 jobs)

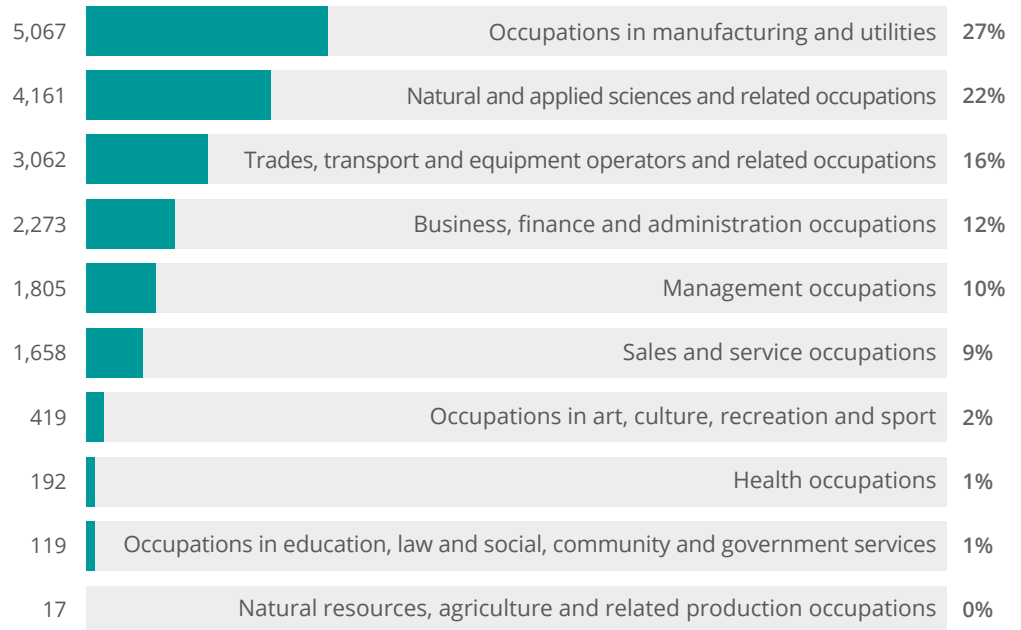
KEY OCCUPATIONS IN THE SECTOR

The job data shown thus far has focused on **number** of workers in your sector and its industry groups. Now we take a look at what these workers are doing by focusing on the **key occupations** in your sector.

Over a quarter (27%) of sector jobs are Occupations in manufacturing and utilities



Sector Jobs in 2019 by Occupation Group



Source: EMSI Analyst 2020

Top Ten Occupations (Sector job numbers and growth over past five years)

NOC	Description	Employed in Industry (2014)	Employed in Industry (2019)	Change (2014- 2019)	% Change (2014 - 2019)	% of Total Industry Jobs (2019)
0911	Manufacturing managers	964	796	-168	-17%	4.2%
2173	Software engineers and designers	830	537	-293	-35%	2.9%
6411	Sales and account representatives - wholesale trade (non-technical)	373	495	122	33%	2.6%
2174	Computer programmers and interactive media developers	597	460	-137	-23%	2.4%
2133	Electrical and electronics engineers	553	447	-106	-19%	2.4%
9461	Process control and machine operators, food and beverage processing	306	430	124	41%	2.3%
9537	Other products assemblers, finishers and inspectors	259	351	92	36%	1.9%
2147	Computer engineers (except software engineers and designers)	292	340	48	16%	1.8%
7237	Welders and related machine operators	304	340	36	12%	1.8%
9523	Electronics assemblers, fabricators, inspectors and testers	623	335	-288	-46%	1.8%

Source: EMSI Analyst 2020 (*EMSI recommends taking occupation data below 500 jobs with "a grain of salt" because of source data sampling sizes; occupation data is not considered reliable where fewer than 100 jobs)

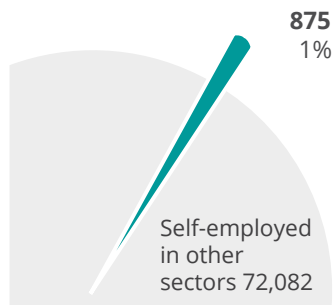
Sector Self-Employment (2019)

SECTOR AT A GLANCE

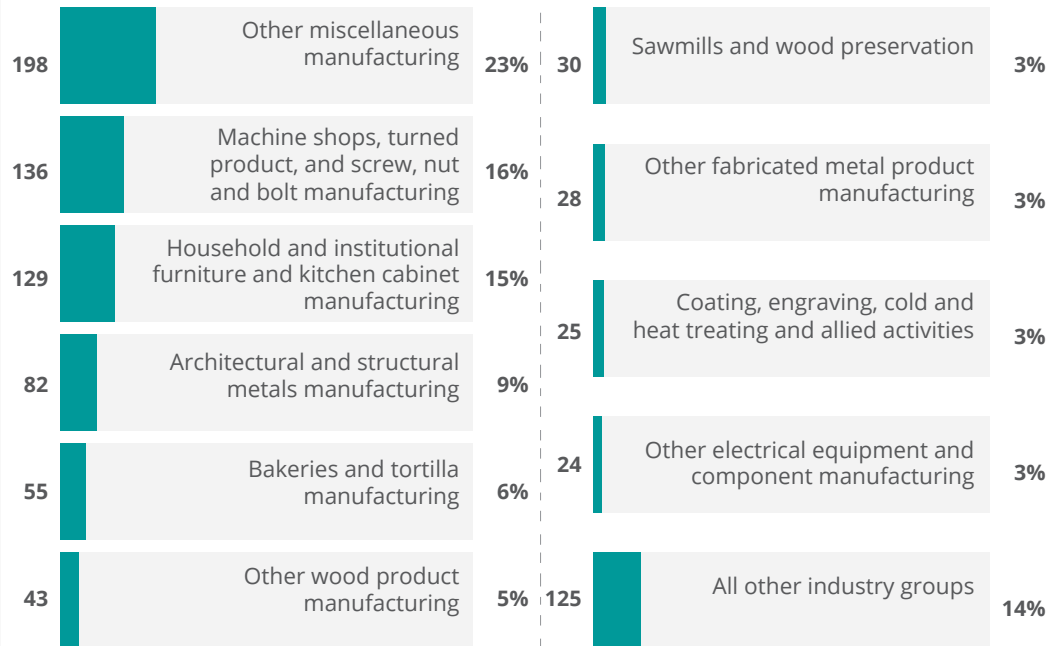
#14

Ranked **fourteenth** out of 16 on share of self-employed workers

23% of sector's self-employed workers are in Other miscellaneous manufacturing



875 self-employed (1% of Ottawa's self-employed)



A closer look at share of self-employment:

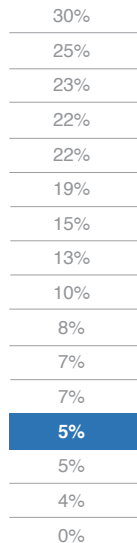
While 5% of those working in this sector are self-employed, 90% workers in Sawmills and wood preservation are self-employed (see graph below).

A CLOSER LOOK AT SHARE OF SELF-EMPLOYMENT

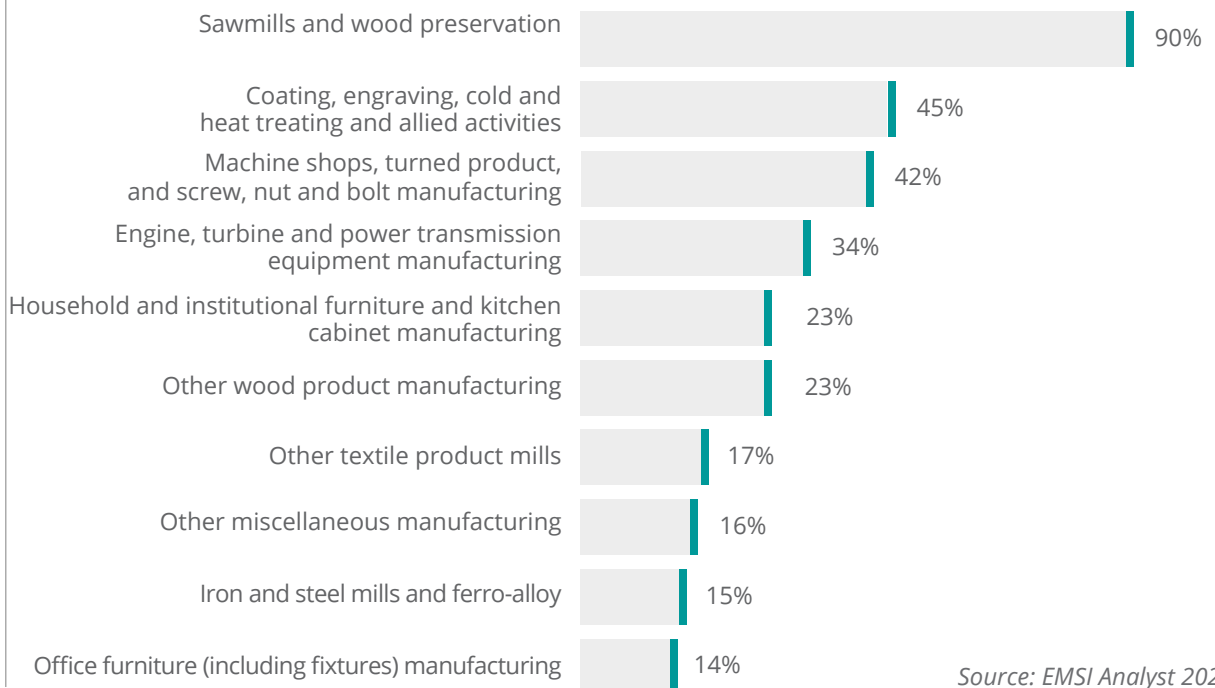
The chart below shows share of self-employment for the overall sector and for each industry group.

Sector Ranking

#14



Share of workers self-employed in each industry group



Source: EMSI Analyst 2020

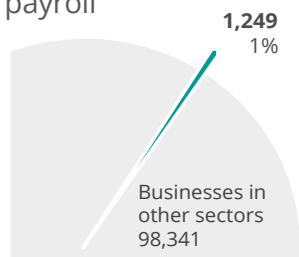
Sector Business & Employer Counts (December 2019)

SECTOR AT A GLANCE

#15 **#11**

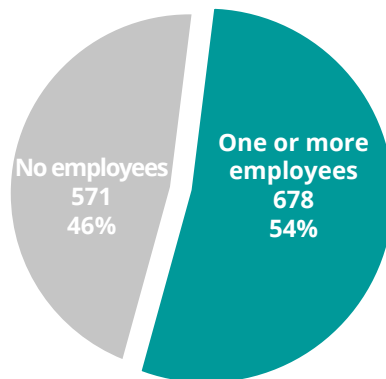
Ranked **fifteenth** out of 16 on number of businesses and **eleventh** on number of employers

The majority (54%) of sector businesses have employees currently on payroll

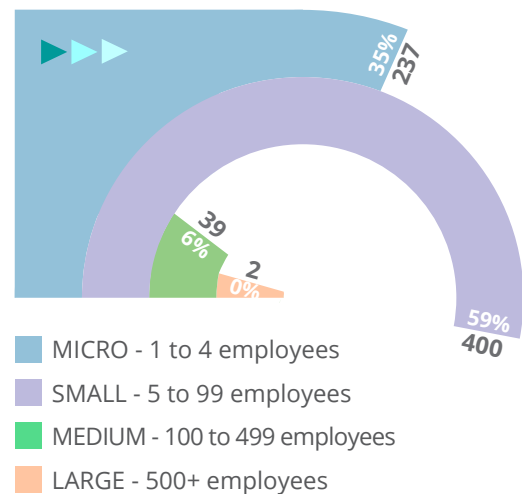


1,249 Ottawa Businesses (1% of all businesses)

SECTOR BUSINESSES



SECTOR EMPLOYERS



A closer look at employers:

Business counts include locations with no employees on payroll; employer counts only include locations with employees.

Source: EMSI Analyst 2020

BUSINESS COUNTS AT INDUSTRY GROUP LEVEL

Code	Description	1-4	5-9	10-19	20-49	50-99	100-199	200-499	500+	None	Total
3399	Other miscellaneous manufacturing	29	14	12	2	0	0	0	1	88	146
3231	Printing and related support activities	34	18	14	2	4	6	1	0	49	128
3391	Medical equipment and supplies manufacturing	15	10	5	6	2	3	0	0	21	62
3118	Bakeries and tortilla manufacturing	9	14	8	4	1	0	0	0	21	57
3371	Household and institutional furniture and kitchen cabinet manufacturing	13	11	1	5	0	1	0	0	25	56
3219	Other wood product manufacturing	5	7	4	4	0	0	0	0	30	50
3121	Beverage manufacturing	11	9	7	6	0	0	0	0	14	47
3119	Other food manufacturing	7	6	5	0	0	1	0	0	27	46
3345	Navigational, measuring, medical and control instruments manufacturing	1	11	4	8	4	3	4	1	8	44
3344	Semiconductor and other electronic component manufacturing	4	2	5	4	3	0	2	0	15	35
N/A	ALL OTHER INDUSTRY GROUPS IN THIS SECTOR	109	65	45	45	23	16	2	0	273	578

Source: EMSI Analyst 2020

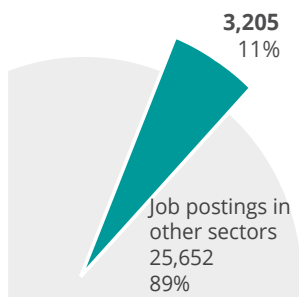
Online Supply & Demand (2019)

ONLINE JOB POSTINGS

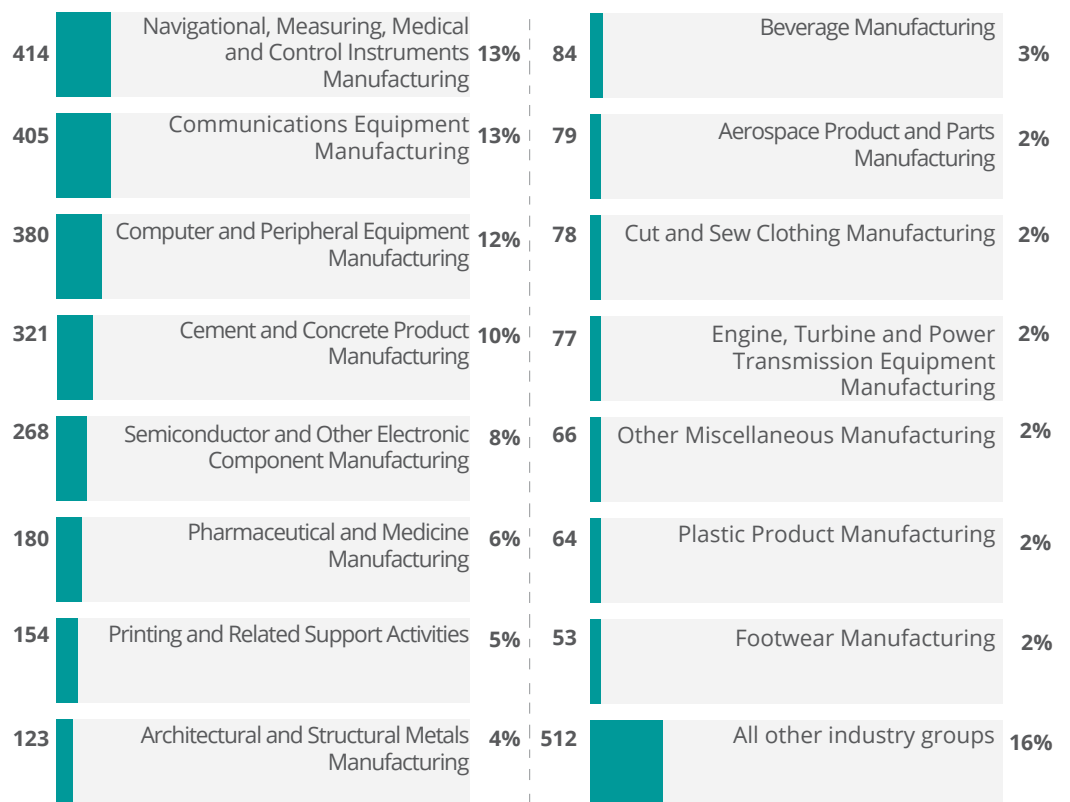
#3

Ranked **third** out of 16 on # of online job postings

Most ads posted by Navigational, Measuring, Medical and Control Instruments Manufacturing (13%) and Communications Equipment Manufacturing (13%)



3,205 Ottawa postings (11% of total postings)

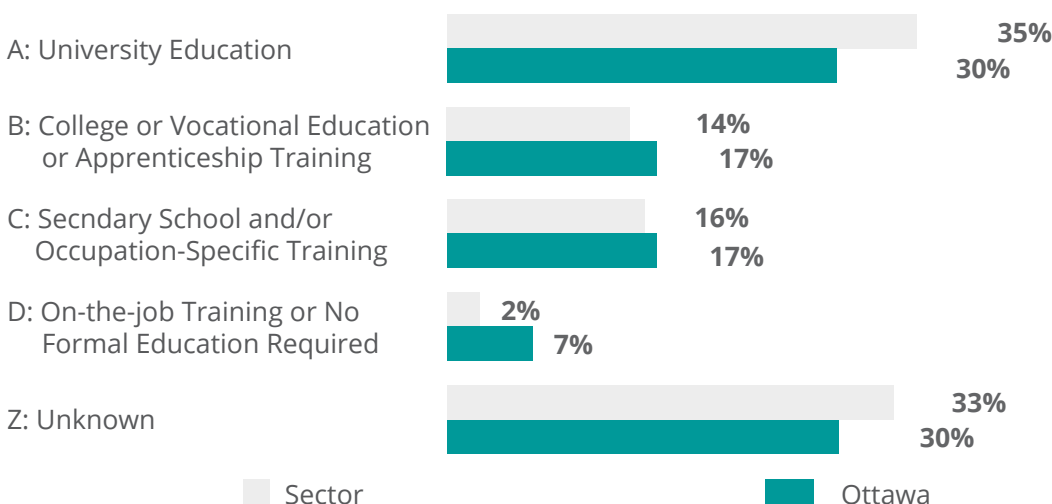


A closer look at skill level requirements: In terms of education requirements for job postings, Manufacturing has similar requirements to other sectors (see graph below).

Source: Vicinity Jobs 2019

A Closer Look at Skill Level Required in Job Postings (Sector vs. Ottawa overall)

The chart below shows skill level requirements for jobs posted in this sector versus those posted for all Ottawa sectors.



Source: Vicinity Jobs 2019

Job Postings by Employer – Top TEN (identified Employers only)

Employers	Postings	Percentage
IBM Canada Ltd.	303	10%
Ontario Trap Rock	209	7%
Ross Video Limited	187	6%
Abbott Laboratories Ltd.	164	5%
Nokia Products Limited	158	5%
OZ Optics Ltd.	154	5%
Lockheed Martin Canada	121	4%
Canadian Bank Note Company, Limited	104	3%
A-Post Aluminum Fabricators Ltd.	86	3%
Thermo Ramsey	85	3%
<i>Grand Total *</i>	3,199	-

* Number of Postings applicable to the reporting period but excluded from this report's grand total due to lack of reliable and relevant information: 6

Source: Vicinity Jobs 2019

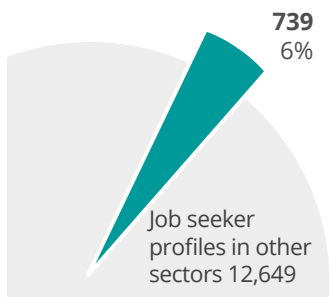
ONLINE JOB SEEKER PROFILES

The numbers shown reflect Job Profiles that were either added or updated within a 30-day span by job seekers living in Ottawa between January and December 2019.

#6

Ranked **sixth** out of 16 on # of online job seeker profiles

12% posted by job seekers with most recent experience in **Medical Equipment and Supplies Manufacturing**



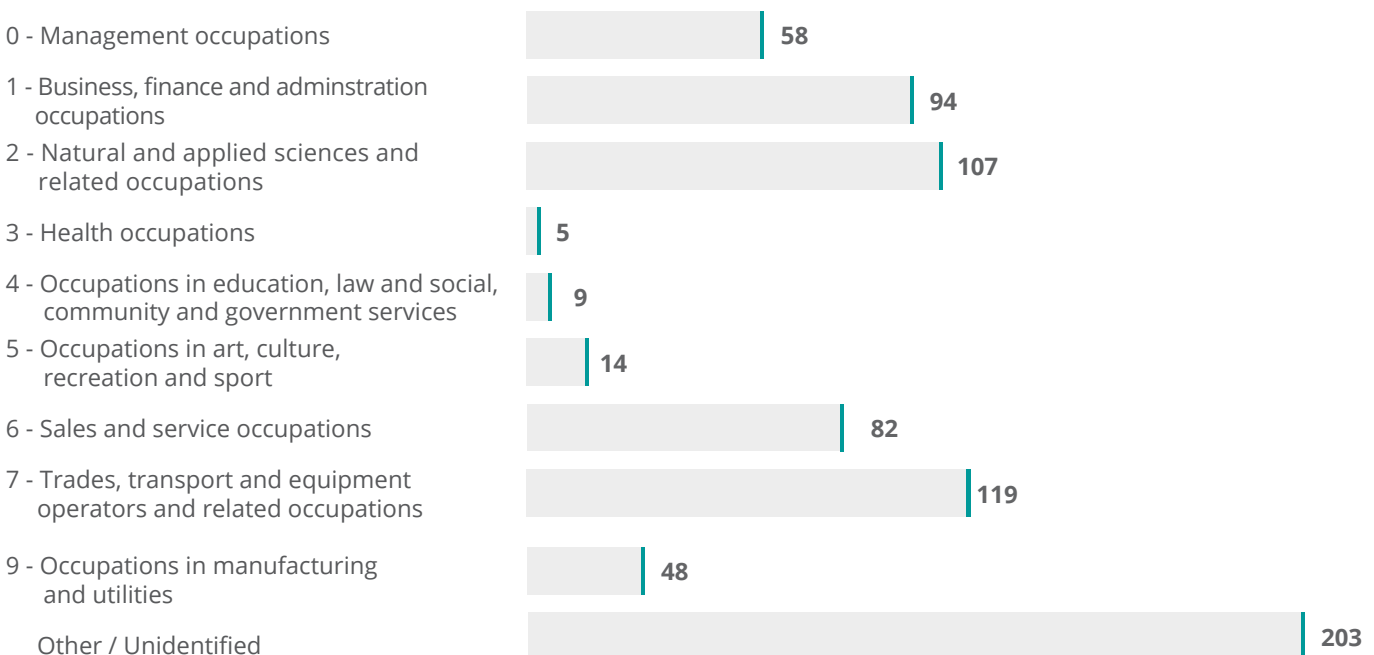
739 Ottawa profiles in 2019 (6% of total profiles)



A closer look at occupations for active job profiles:
Of those job profiles where occupation group could be identified, the most (119) were in Trades, transport and equipment operators and related occupations (see graph below).

A Closer Look at Occupations of those with Active Job Profiles

The chart below shows number of job seeker profiles by occupation group most recently worked in.



Source: Vicinity Jobs 2018

In the News Highlights

GAINS

January 17, 2020 Ottawa Business Journal

[Ottawa metal powder-maker Equispheres lands \\$8M in cleantech funding](#)

Equispheres, a Ottawa-based manufacture that develops an aluminum alloy powder for use in 3D printing and manufacturing, announced it's receiving \$8 million from Sustainable Development Technology Canada. The company currently employs roughly 30 people, most of whom work in Ottawa. Equispheres CEO Kevin Nicholds says that with the fresh funding the company is starting up the hiring machine again, looking to add more engineering talent in the coming months.

April 25, 2019 Ottawa Business Journal

[Carp Road manufacturers continue building despite skills shortage](#)

The Carp Road Business Association predicts a two-fold expansion of its size in its West Ottawa corridor, as multiple firms within the manufacturing sector are reporting strong growth trends. This comes despite a noticeable shortage of skilled labour within the industry, which companies hope to remedy by hiring locally-based apprentices from institutions like Algonquin College.

March 11, 2019 Ottawa Business Journal

[Ottawa-based Thermal Energy scores \\$1.8M dairy industry deal](#)

Thermal Energy International, an Ottawa-based cleantech firm, received \$1.8M from an U.S. dairy group to develop a heat recovery system.

LOSSES

May 13, 2019 Ottawa Citizen

[National Capital brewer Beau's retools as competition for craft brew heats](#)

Beau's Brewing Co. in Ottawa will layoff four to five employees in an effort to restructure against growing craft beer competition.

February 6, 2019 CBC

[Royal Canadian Mint cuts 45 jobs in Ottawa](#)

The Royal Canadian Mint in Ottawa is cutting 45 jobs due to lack of collectable coin projects

TRENDS/PROJECTIONS

October 16, 2019 MyPrescottNow.com

[Pathways to Production pairs people with manufacturing jobs](#)

CSE Consulting, a training centre in Prescott, is starting a 6-week free program called Pathways to Production, encouraging people to explore the manufacturing industry by pairing workers with local employers.

APPENDIX A - SECTOR STRUCTURE

Below we show this sector's **twenty-one subsectors** (3-digit level), as well as the *4-digit level Industry Groups* that will be explored in this report.

SUBSECTOR NAICS 311 – Food manufacturing

<u>Code</u>	<u>Industry group</u>
3111	Animal food manufacturing
3112	Grain and oilseed milling
3113	Sugar and confectionery product manufacturing
3114	Fruit and vegetable preserving and specialty food manufacturing
3115	Dairy product manufacturing
3116	Meat product manufacturing
3117	Seafood product preparation and packaging
3118	Bakeries and tortilla manufacturing
3119	Other food manufacturing

SUBSECTOR NAICS 312 – Beverage and tobacco product manufacturing

<u>Code</u>	<u>Industry group</u>
3121	Beverage manufacturing
3122	Tobacco manufacturing

SUBSECTOR NAICS 313 – Textile mills

<u>Code</u>	<u>Industry group</u>
3131	Fibre, yarn and thread mills
3132	Fabric mills
3133	Textile and fabric finishing and fabric coating

SUBSECTOR NAICS 314 – Textile product mills

<u>Code</u>	<u>Industry group</u>
3141	Textile furnishings mills
3149	Other textile product mills

SUBSECTOR NAICS 315 – Clothing manufacturing

<u>Code</u>	<u>Industry group</u>
3151	Clothing knitting mills
3152	Cut and sew clothing manufacturing
3159	Clothing accessories and other clothing manufacturing

SUBSECTOR NAICS 316 – Leather and allied product manufacturing

<u>Code</u>	<u>Industry group</u>
3161	Leather and hide tanning and finishing
3162	Footwear manufacturing
3169	Other leather and allied product manufacturing

SUBSECTOR NAICS 321 – Wood product manufacturing

<u>Code</u>	<u>Industry group</u>
3211	Sawmills and wood preservation
3212	Veneer, plywood and engineered wood product manufacturing
3219	Other wood product manufacturing

SUBSECTOR NAICS 322 – Paper manufacturing

<u>Code</u>	<u>Industry group</u>
3221	Pulp, paper and paperboard mills
3222	Converted paper product manufacturing

SUBSECTOR NAICS 323 – Printing and related support activities

<u>Code</u>	<u>Industry group</u>
3231	Printing and related support activities

SUBSECTOR NAICS 324 – Petroleum and coal product manufacturing

<u>Code</u>	<u>Industry group</u>
3241	Petroleum and coal product manufacturing

SUBSECTOR NAICS 325 – Chemical manufacturing

<u>Code</u>	<u>Industry group</u>
3251	Basic chemical manufacturing
3252	Resin, synthetic rubber, and artificial and synthetic fibres and filaments manufacturing
3253	Pesticide, fertilizer and other agricultural chemical manufacturing
3254	Pharmaceutical and medicine manufacturing
3255	Paint, coating and adhesive manufacturing
3256	Soap, cleaning compound and toilet preparation manufacturing
3259	Other chemical product manufacturing

SUBSECTOR NAICS 326 – Plastics and rubber products manufacturing

<u>Code</u>	<u>Industry group</u>
3261	Plastic product manufacturing
3262	Rubber product manufacturing

SUBSECTOR NAICS 327 – Non-metallic mineral product manufacturing

<u>Code</u>	<u>Industry group</u>
3271	Clay product and refractory manufacturing
3272	Glass and glass product manufacturing
3273	Cement and concrete product manufacturing
3274	Lime and gypsum product manufacturing
3279	Other non-metallic mineral product manufacturing

SUBSECTOR NAICS 331 – Primary metal manufacturing

<u>Code</u>	<u>Industry group</u>
3311	Iron and steel mills and ferro-alloy manufacturing
3312	Steel product manufacturing from purchased steel
3313	Alumina and aluminum production and processing
3314	Non-ferrous metal (except aluminum) production and processing
3315	Foundries

SUBSECTOR NAICS 332 – Fabricated metal product manufacturing

<u>Code</u>	<u>Industry group</u>
3321	Forging and stamping
3322	Cutlery and hand tool manufacturing
3323	Architectural and structural metals manufacturing
3324	Boiler, tank and shipping container manufacturing
3325	Hardware manufacturing
3326	Spring and wire product manufacturing
3327	Machine shops, turned product, and screw, nut and bolt manufacturing
3328	Coating, engraving, cold and heat treating and allied activities
3329	Other fabricated metal product manufacturing

SUBSECTOR NAICS 333 – Machinery manufacturing

<u>Code</u>	<u>Industry group</u>
3331	Agricultural, construction and mining machinery manufacturing
3332	Industrial machinery manufacturing
3333	Commercial and service industry machinery manufacturing
3334	Ventilation, heating, air-conditioning and commercial refrigeration equipment manufacturing
3335	Metalworking machinery manufacturing
3336	Engine, turbine and power transmission equipment manufacturing
3339	Other general-purpose machinery manufacturing

SUBSECTOR NAICS 334 – Computer and electronic product manufacturing

<u>Code</u>	<u>Industry group</u>
3341	Computer and peripheral equipment manufacturing
3342	Communications equipment manufacturing
3343	Audio and video equipment manufacturing
3344	Semiconductor and other electronic component manufacturing
3345	Navigational, measuring, medical and control instruments manufacturing
3346	Manufacturing and reproducing magnetic and optical media

SUBSECTOR NAICS 335 – Electrical equipment, appliance and component manufacturing

<u>Code</u>	<u>Industry group</u>
3351	Electric lighting equipment manufacturing
3352	Household appliance manufacturing
3353	Electrical equipment manufacturing
3359	Other electrical equipment and component manufacturing

SUBSECTOR NAICS 336 – Transportation equipment manufacturing

<u>Code</u>	<u>Industry group</u>
3361	Motor vehicle manufacturing
3362	Motor vehicle body and trailer manufacturing
3363	Motor vehicle parts manufacturing
3364	Aerospace product and parts manufacturing
3365	Railroad rolling stock manufacturing
3366	Ship and boat building
3369	Other transportation equipment manufacturing

SUBSECTOR NAICS 337 – Furniture and related product manufacturing

<u>Code</u>	<u>Industry group</u>
3371	Household and institutional furniture and kitchen cabinet manufacturing
3372	Office furniture (including fixtures) manufacturing
3379	Other furniture-related product manufacturing

SUBSECTOR NAICS 339 – Miscellaneous manufacturing

<u>Code</u>	<u>Industry group</u>
3391	Medical equipment and supplies manufacturing
3399	Other miscellaneous manufacturing

Emsi Sample Report – Industry Summaries

Below is a sample report that can be requested for any industry at the 3- or 4-digit (subsector or industry group) level. Some of these may also be available on the Labour Market Ottawa web portal.

Industry Summary for Printing and related support activities (NAICS 3231)

2,152

Jobs (2019)

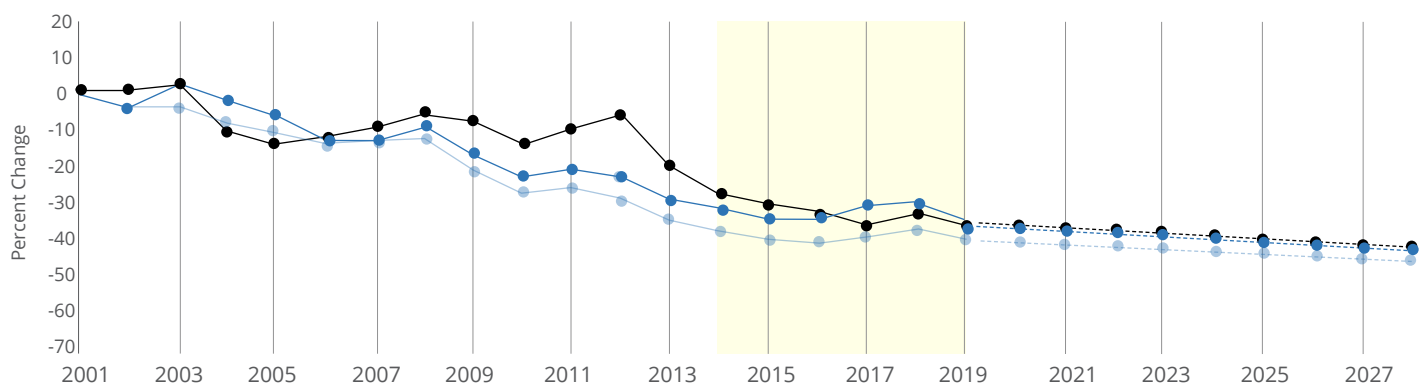
22% above National average

-10%

% Change (2014-2019)

Nation: **-4.2%**

Regional Trends



Region	2014 Jobs	2019 Jobs	Change	% Change
● Ottawa	2,392	2,152	-240	-10%
● Ontario	27,556	25,994	-1,562	-6%
● Canada	58,283	55,842	-2,441	-4%

Top Occupations Employed by this Industry

Description	Employed in Industry (2019)	% of Total Jobs in Industry (2019)
Printing press operators	227	10.5%
Sales and account representatives - wholesale trade (non-technical)	211	9.8%
Graphic designers and illustrators	163	7.6%
Binding and finishing machine operators	130	6.0%
Manufacturing managers	124	5.7%

Source: EMSI Analyst 2020