

**OCCUPATION
HIGHLIGHTS**

#2 OCCUPATION IN THE
MANUFACTURING
SECTOR
(8% of all jobs in the sector)

Number of jobs 2017
376

CHANGE IN # OF JOBS
2016 - 2017
↓ **1%**

Median Earnings (2017)
\$24.08/hr

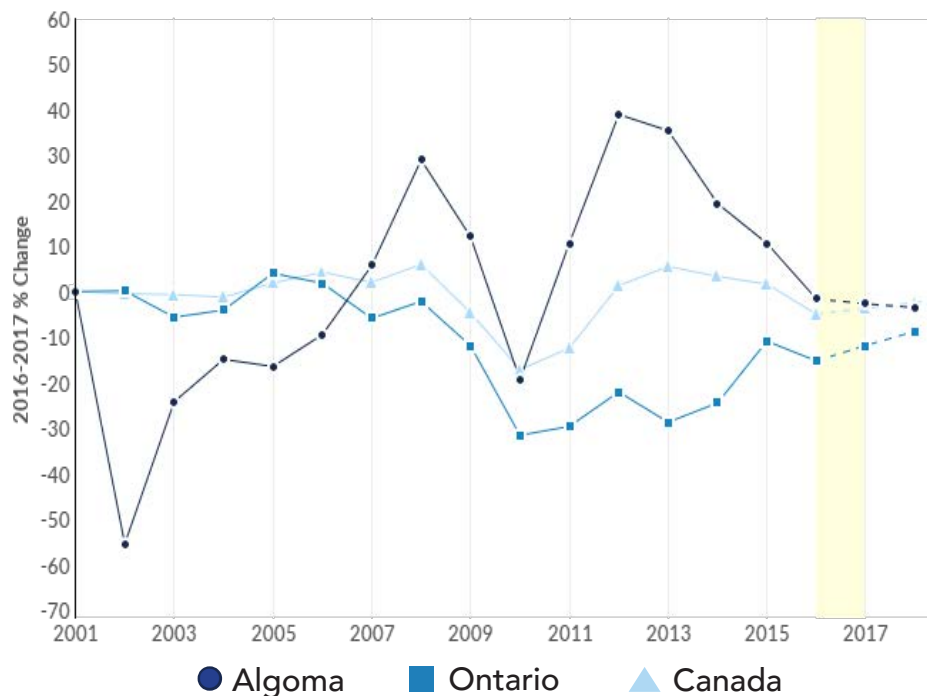
Earnings Range (2017)
\$19.71/hr → \$30.65/hr

Aging Workforce
56% Over the age of 45

Gender
4% Female 96% Male

**WELDERS & RELATED
MACHINE OPERATORS
NOC 7237**
Welders & Related Machine Operators

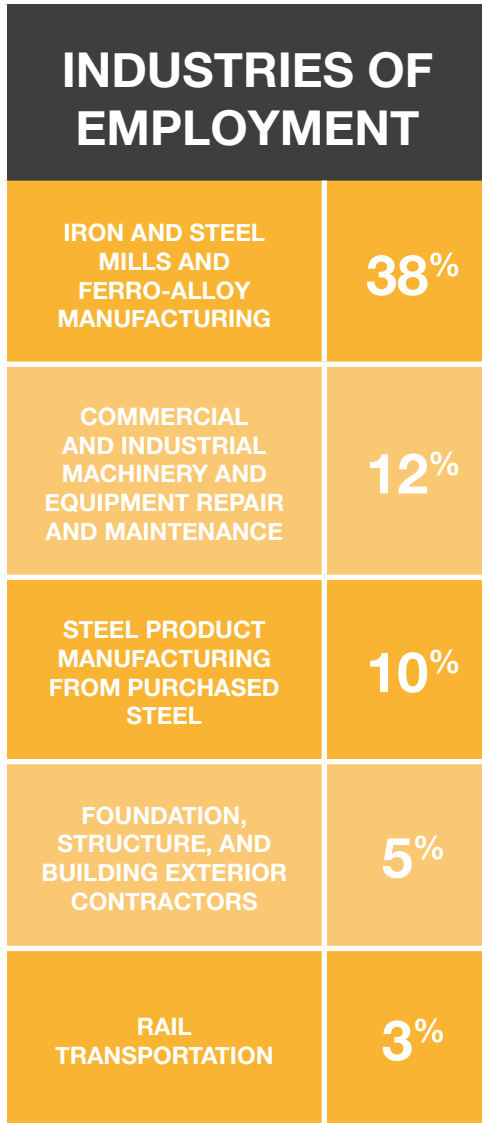
Welders operate welding equipment to weld ferrous and non-ferrous metals. This unit group also includes machine operators who operate previously set up production welding, brazing and soldering equipment. They are employed by companies that manufacture structural steel and platework, boilers, heavy machinery, aircraft and ships and other metal products, and by welding contractors and welding shops, or they may be self-employed.

Employment Trends


REGION	2016 JOBS	2017 JOBS	CHANGE	% CHANGE 2016 - 2017	MEDIAN HOURLY EARNINGS
Algoma	376	372	-4	-1%	\$24.08
Ontario	27,890	29,003	1,113	4%	\$22.00
Canada	86,841	87,994	1,153	1%	\$25.21

Job Titles

- Aviation welding technician
- Brazing machine operator
- Brazing machine setter
- Electric arc welder
- Journeyman/woman welder
- Laser welding operator
- Pressure vessel welder
- Production welder
- Soldering machine operator
- Spot welder
- Welder
- Welder apprentice
- Welder fitter



What Are The Typical Job Duties?

- Read and interpret blueprints or welding process specifications
- Operate manual or semi-automatic welding equipment to fuse metal segments using processes such as gas tungsten arc welding (GTAW), gas metal arc welding (GMAW), flux-cored arc welding (FCAW), plasma arc welding (PAW), shielded metal arc welding (SMAW), oxy-acetylene welding (OAW), resistance welding and submerged arc welding (SAW)
- Operate manual or semi-automatic flame-cutting equipment
- Operate brazing and soldering equipment
- Operate metal shaping machines such as brakes, shears and other metal straightening and bending machines
- Repair worn parts of metal products by welding on extra layers
- More at jobbank.gc.ca

Campus Based Courses Available In Algoma

- Welding Techniques (Sault College)
- Pre Trades & Technology (Sault College)
- Metal Fabrication (Sault College)

Welders and Related Machine Operators In Algoma

REGION	2016 JOBS	2017 JOBS	2016 - 2017 CHANGE	2016 - 2017 % CHANGE
Sault Ste. Marie	334	330	-4	-1%
Blind River	12	12	0	0%
Tarbutt and Tarbutt Additional	0	0	0	0%
Algoma, Unorganized, South East Part	0	0	0	0%