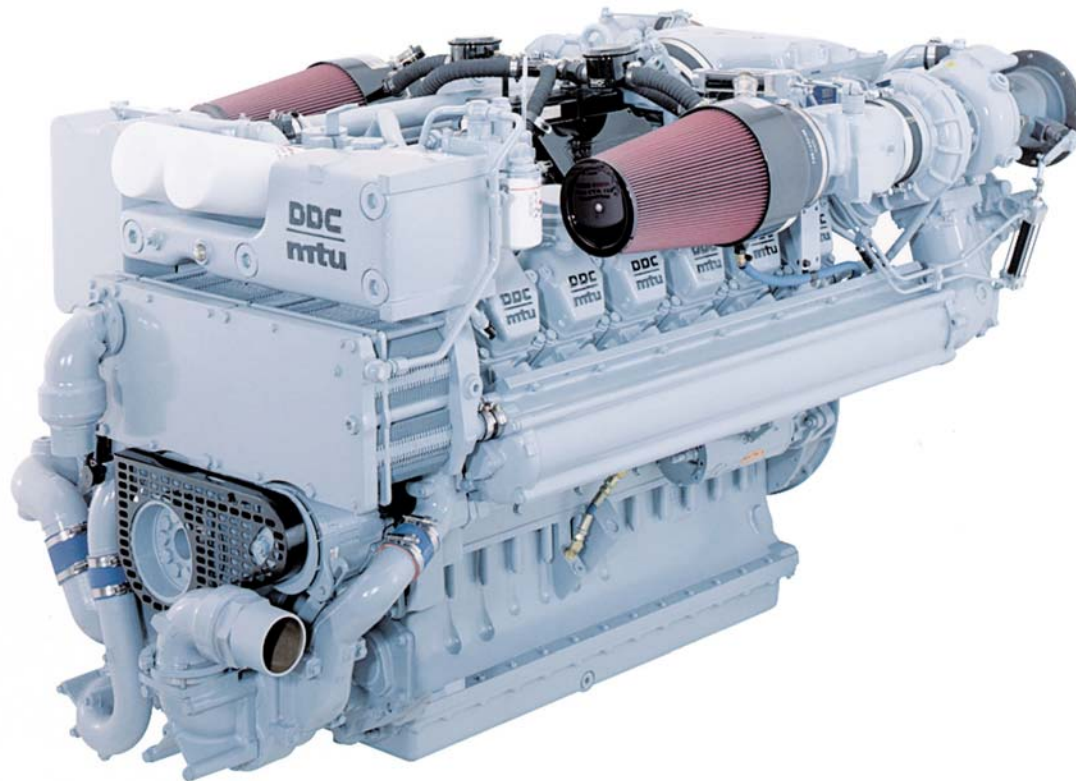
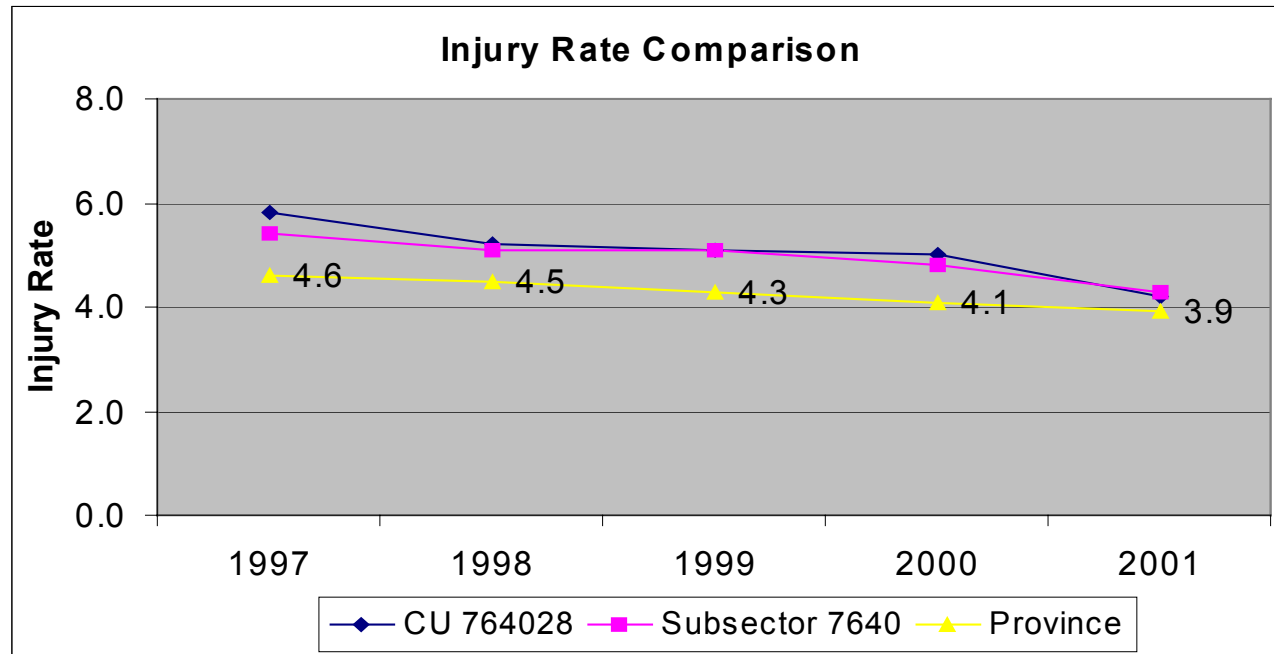


Heavy Equipment, Machinery or Parts Sales, Service or Repair
(greater than 500 lbs. weight, not elsewhere specified)
(CU 764028) Industry Analysis



Introduction

The employers in CU 764028 sell, service or repair heavy equipment, machinery and parts weighing in excess of 500 lbs.



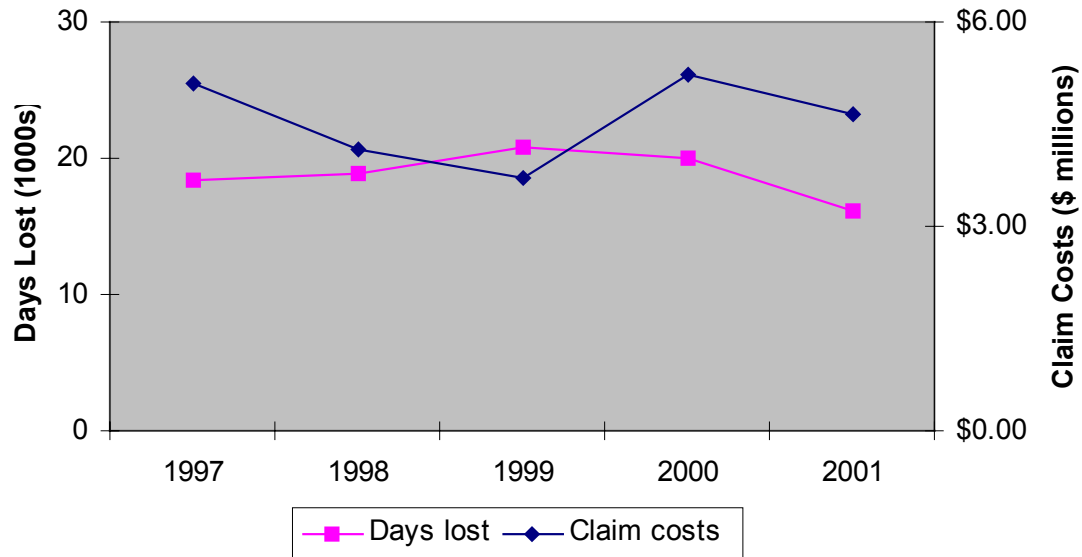
Frequency of claims

For the 5 year period, 1997 to 2001, this CU has an average injury rate of 5.1 (# of time-loss claims per 100 person years). So, on the average, a business of 100 employees can expect about 5 injuries each year, or a business with only ten employees may get approximately one claim every two years.

Claim costs and days lost, 1997-2001

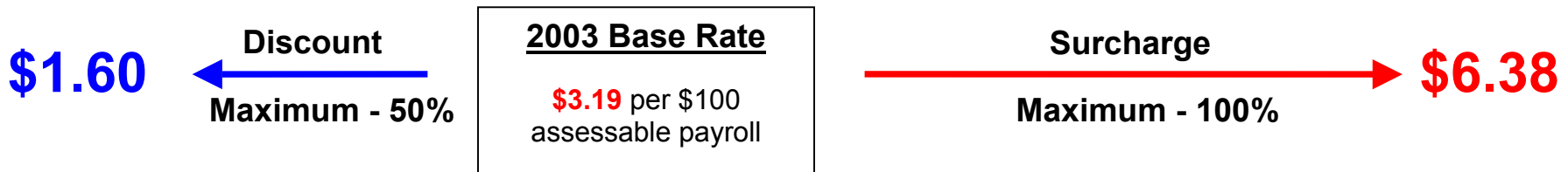
There were in total 2,504 claims resulting in 94,323 days lost and costs in excess of \$22.8 million in the five years. Small business originated 31% of claims, accounting for approximately 26% of claims costs and 33% of days lost.

Total Annual CU Statistics



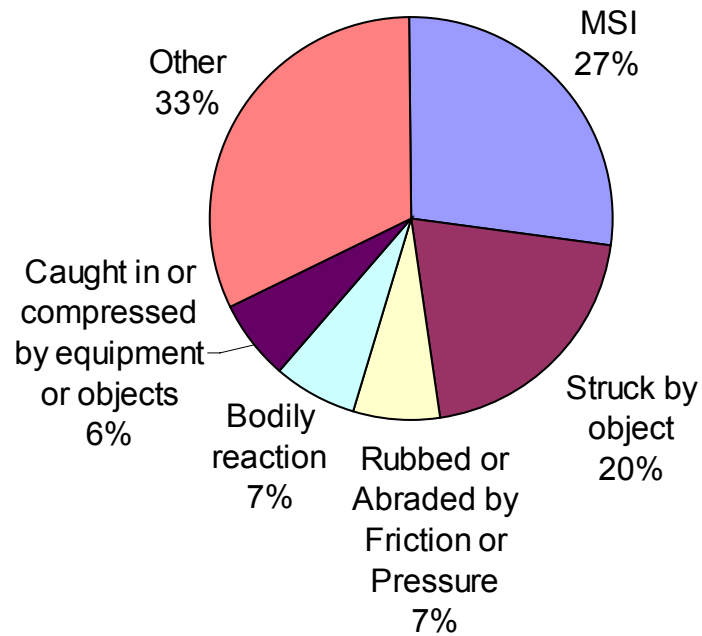
5 Year Average Statistics, 1997-2001		
	CU 764028	Subsector 7640
Claim costs per claim	\$9,118	\$6,586
Days lost per claim	37.7	39.0

Experience Rating

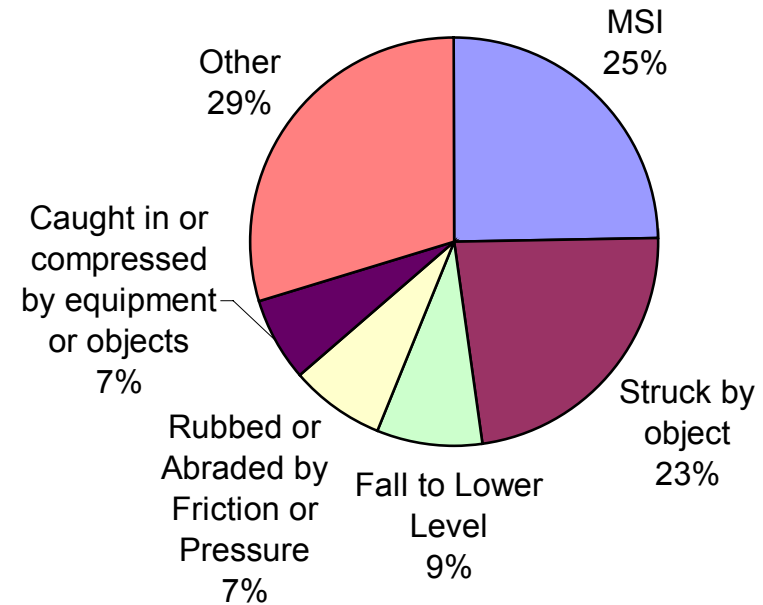


Main accident causes in CU 764028

All Businesses



Small Businesses



Injuries from **MSIs** (overexertion and repetitive motion) most likely caused by:

- Bodily motion or position
- Vehicle & mobile equip. parts, N.E.C.
- Wrenches

Injuries from **Struck by object** most likely caused by:

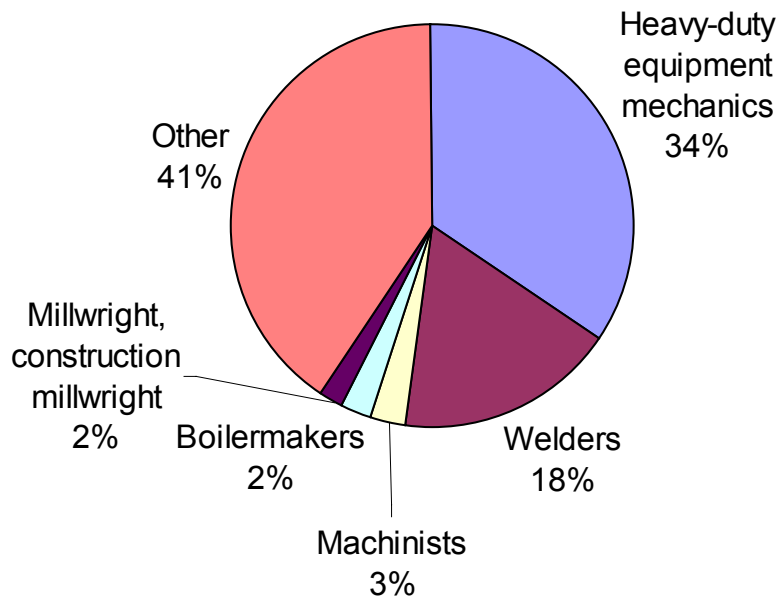
- Vehicle & mobile equip. parts, N.E.C.
- Hand grinders - powered
- Plates, metal panels

Injuries from **Rubbed or abraded by friction or pressure** most likely caused by:

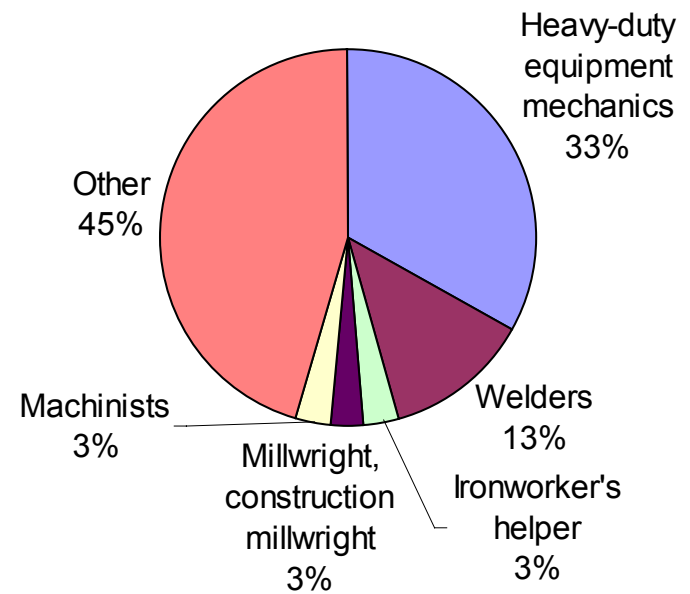
- Metal chips, particles
- Chips, particles, splinters, UNS
- Dirt particles

Which workers are getting injured?

All Businesses



Small Businesses

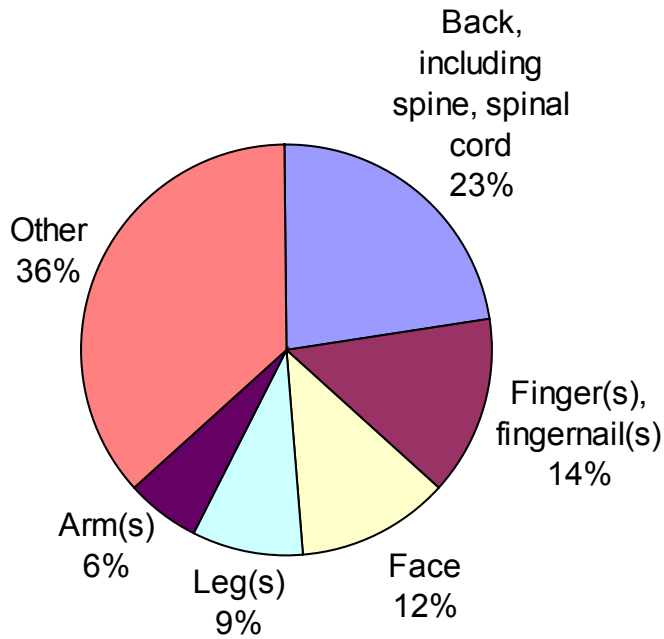


Some occupations in the 'Other' category include:

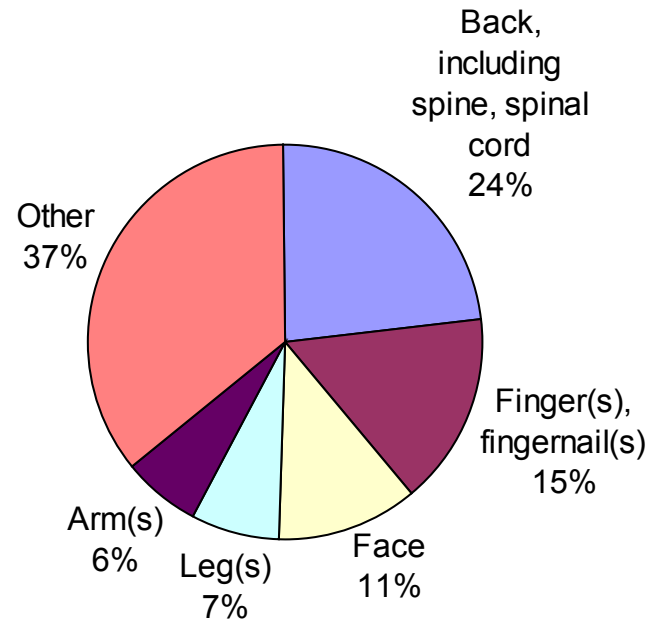
Mechanic's helper, Truck mechanic, Warehouseman/woman, Labourer – industrial equipment mfg, Shipper/receiver

Which parts of their bodies are getting injured?

All Businesses



Small Businesses



Some parts of the body in the 'Other' category include:
Shoulder, Multiple Body Parts, Head, Pelvic region, Multiple trunk locations, Abdomen

Typical Claim Profile

Gender & Occupation: Male Heavy-duty Equipment Mechanic
Age: 39

Accident Type: MSI (overexertion and repetitive motion)
Injury Type: Sprains, strains, tears
Source of Injury: Bodily motion or position of injured, ill worker
Cost: \$9,118
Days Lost: 38

Employer group: industry, machinery
equipment manufacturing



Factors that place **heavy duty equipment mechanics** at risk:

- Work on heavy, awkward components, leading to overexertion injuries.
- Powered machinery and equipment that can be dangerous, especially if not properly safeguarded.
- Frequent work in restricted spaces, requiring work bent over or in awkward positions. Pushing or pulling tools in awkward positions leads to overexertion injuries.
- Use of engine coolants, lubricants and transmission fluids that are slippery on hands and footwear. These liquids can also irritate the eyes or skin.

Factors that place **welders** at risk:

- Awkward positions for long periods can lead to overexertion injuries.
- Restricted vision and hearing, and noisy work environment, resulting in reduced awareness of potential hazards.
- Arc welding process with potential for welding flash injuries.
- Molten metal, chips and slag, with potential for burn accidents.
- Dusty environments and metal/slag chips, leading to matter-in-eye accidents.
- Toxic and noxious materials that can cause metal fume fever, respiratory problems, chemical burns, and dermatitis (skin rash).

The following factors affect both **heavy duty equipment mechanics** and **welders** in **CU 764028**:

- Necessity to improvise material and equipment handling techniques, leading to a potential to use inappropriate rigging practices.
- Risks of travel in remote locations including road-based motor vehicle accidents.

Brief Survey

To help us provide useful and relevant H&S information for your business, please complete this survey and return to:

Industry Services

By Fax: (604) 279-7407

By Email: smallbiz@wcb.bc.ca

By Mail: Industry Services
Prevention Division, WCB
PO Box 5350 Stn Terminal
Vancouver, BC V6B 5L5

Today's visit

1. Did you find the information presented today relevant to your workplace?

YES	NO
<input type="checkbox"/>	<input type="checkbox"/>

2. Will be you able to use any of this information to help promote health and safety in your workplace?

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

3. How could we improve on the information you received today? _____

General H&S

4. Are you aware that health and safety educational and consultation services are available through your WCB Prevention officer?

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

5. Are you aware of the various types of health and safety information available from the WCB?

Health and Safety e-news (newsletters by e-mail) through our website?

Booklets, pamphlets, bulletins, etc. from our website?

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

6. What, if any, types of H&S information would you like to see from the WCB? _____

7. Would you be willing to work with the WCB on H&S projects or initiatives for your industry?

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

8. Would you be interested in joining a Health and Safety Association with other employers in your CU?

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

9. Do you have an e-mail address that we could use to contact you in the future? _____

<input type="checkbox"/>	<input type="checkbox"/>
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10. Do you have any other comments or suggestions that would help us to better communicate with your business?

<input type="checkbox"/>	<input type="checkbox"/>
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Comments: _____

The **Health and Safety Centre** has many health and safety booklets, pamphlets, bulletins, industry updates, etc. that are downloadable in pdf format. For more information, see our website at: www.worksafebc.com