

Worker Safety

Surrey Board Of Trade
Manufacturing Month

October 11, 2022

WorkSafeBC Prevention Field Services

Morris Benetton, Manager

Surrey Region

- Manager of Interest, Serious Injury Prevention Initiative

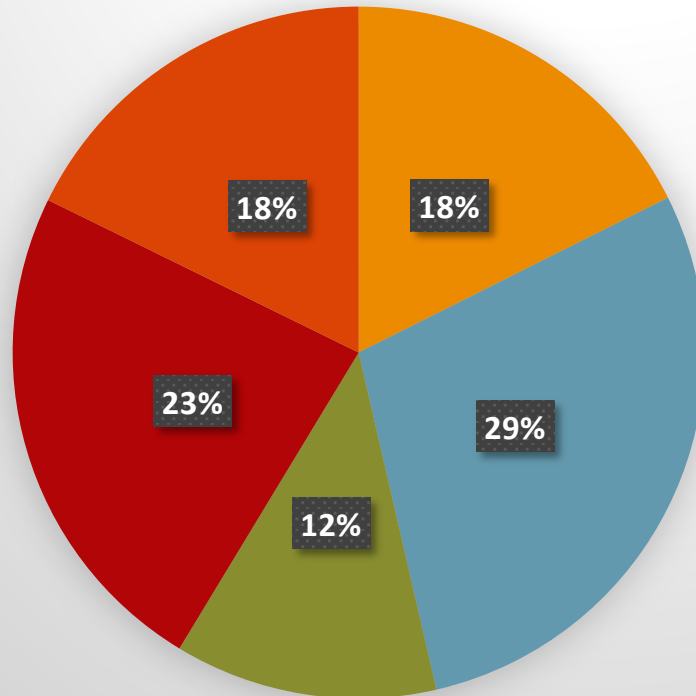
Sylvie Stekelenburg, Manager

Prince George Region

- Manager of Interest, Manufacturing High Risk Strategy

Manufacturing in Surrey: 1,725 locations

By person years employed



- 7110 - Food and Beverage Products
- 7120 - Metal and Non-Metallic Mineral Products
- 7130 - Petroleum, Coal, Rubber, Plastic, and Chemical Products
- 7140 - Wood and Paper Products
- 7150 - Other Products (not elsewhere specified)

Sub sector	Count
7110 - Food and Beverage Products	170
7120 - Metal and Non-Metallic Mineral Products	615
7130 - Petroleum, Coal, Rubber, Plastic, and Chemical Products	139
7140 - Wood and Paper Products	451
7150 - Other Products (not elsewhere specified)	350
Grand Total	1725

Large (100+ person years)	108
Medium (20 to 99.99 person years)	266
Micro (0.01 to 4.99 person years)	683
Small (10 to 19.99 person years)	189
Very Small (5 to 9.99 person years)	251

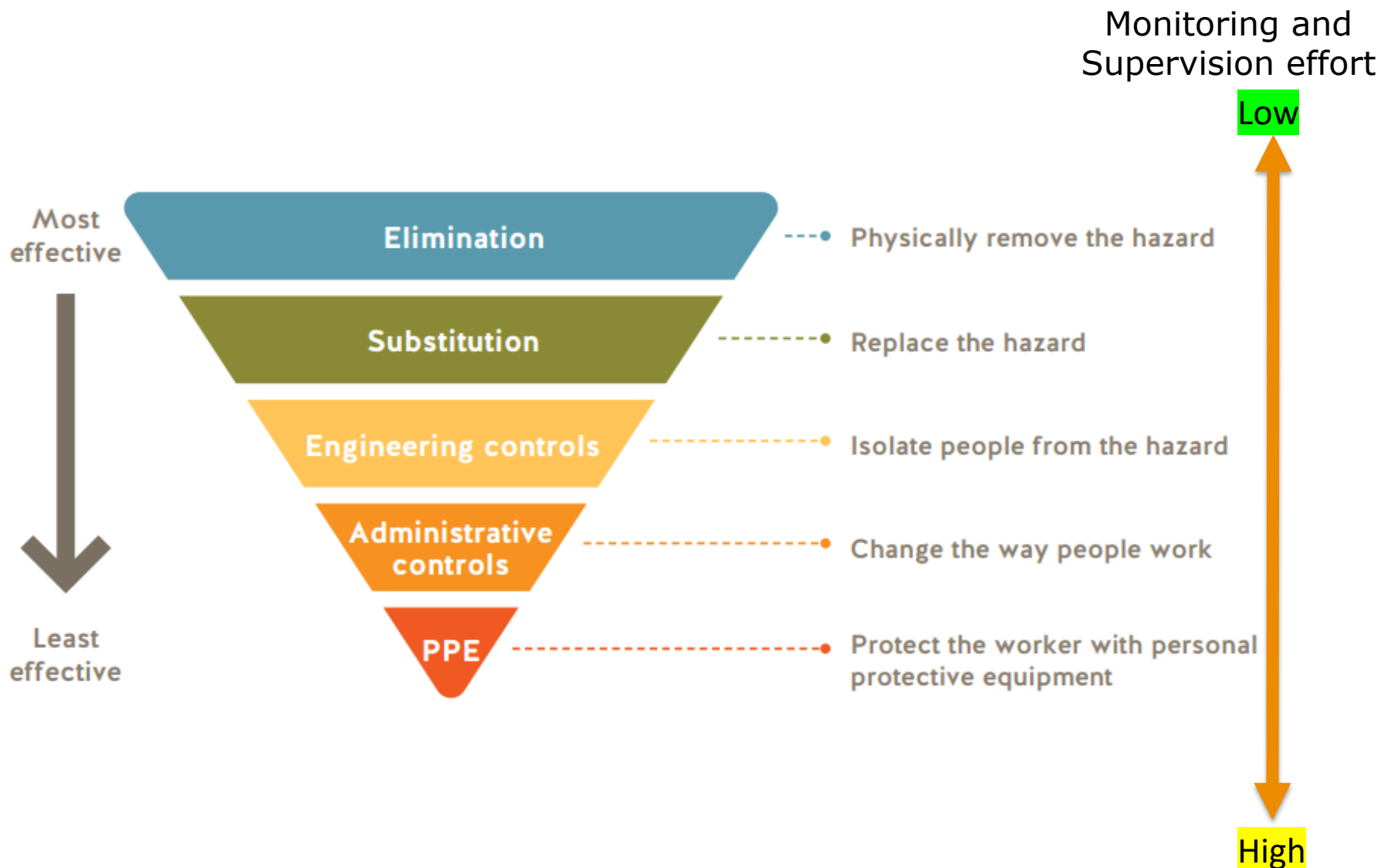
Health and Safety

- Worker safety and business productivity are fundamentally linked
- Business loss prevention and management must consider health and safety
- What is the cost of losing a worker due to injury, illness, or poor workplace culture?
 - Lost productivity
 - Infrastructure and equipment damage
 - Recruitment and training costs
 - Opportunity cost
 - Hidden costs?

Risk management process or model



Selecting controls: Hierarchy of controls



Hierarchy of Controls:

Machine safety example

1

Elimination or substitution

- Eliminate human interaction in the process.
- Eliminate pinch points.
- Automate materials handling.

2

Engineering controls

- Install mechanical hard stops.
- Install barrier guards.
- Install interlocked guards.
- Install two-hand controls.
- Install presence-sensing devices.

3

Administrative controls

- Develop and implement safe work procedures, including lockout procedures.
- Carry out regular inspections of safety equipment.
- Install warning devices such as lights, beacons, strobes, horns, sirens, or computer warnings.
- Paint restricted-space markings on floors or post warning signs and labels.
- Train workers.

4

Personal protective equipment (PPE)

Make sure workers are equipped with and use appropriate PPE such as:

- Safety eyewear
- Face shields
- Hearing protection
- Gloves

Note: Only use PPE as a control measure, when it's not possible to eliminate or reduce risks another way. PPE can also be used in addition to another control.

Working with WorkSafeBC

Health & safety assistance

Prevention Information Line

For help with workplace health and safety issues, e.g., requesting a consultation or health and safety information.

Phone toll-free (Canada):

1.888.621.7233 (1.888.621.SAFE)

Monday to Friday

8:05 a.m. to 4:30 p.m.

Employers

- Become familiar with requirements that apply to your work.
- Identify hazards and take a risk-based approach.
- Implement a health and safety system- it's a business plan
- Access resources at www.worksafebc.com
 - Use our 'chat bot' or search tool
- Contact our health and safety centre to request a consultation of information
- Contact health and safety association, Manufacturing Safety Alliance of BC

Industry

- Share experiences, resources, and solutions
- Include health and safety discussions at meetings and conferences

Questions