



Energizing a clean-air world

Sustainable Safety Performance

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Introduction

- Cameco overview
- Evolution of safety systems at Cameco
- Sustainable safety

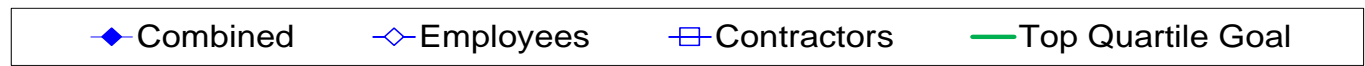
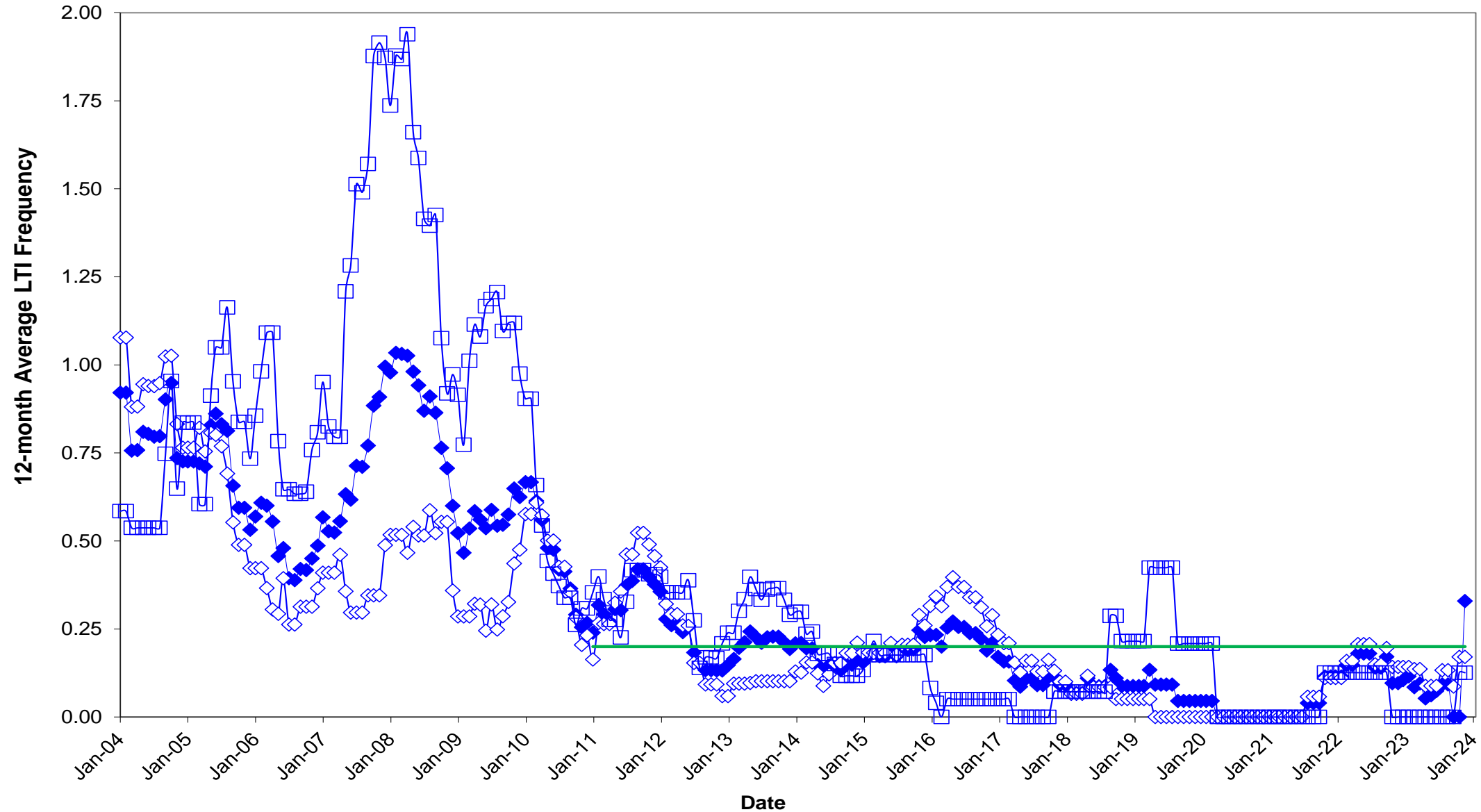
Our locations



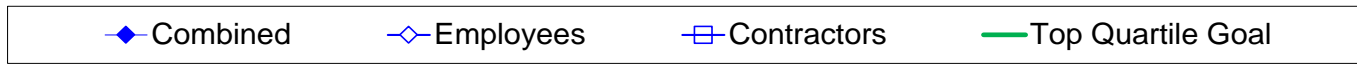
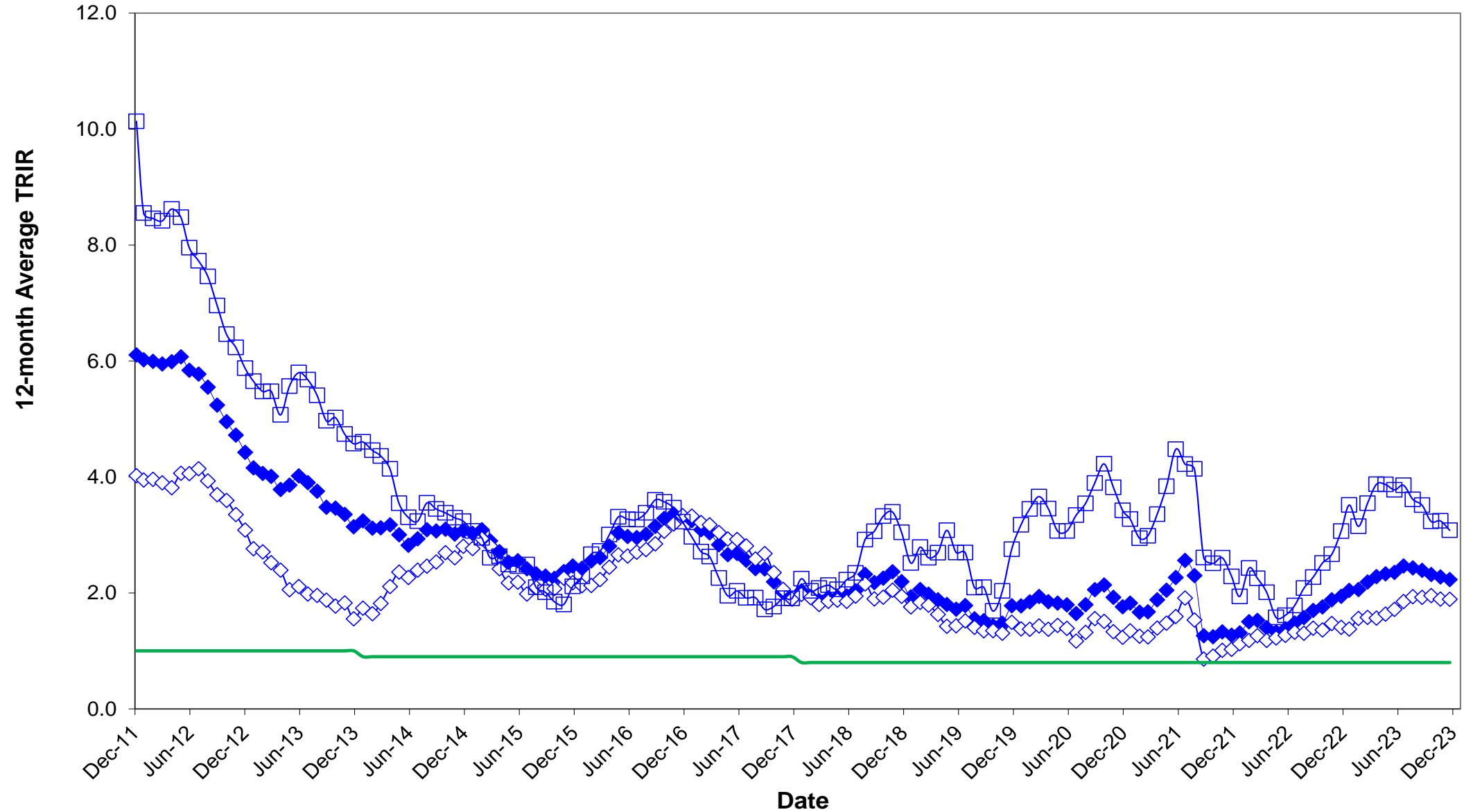
Evolution of Safety Systems

- 1990s – informal safety systems: tracking lost-time injuries; site-level procedures; corporate-led audits
- early 2000s – developing formal SHEQ management system: technical safety standards; corporate databases
- 2005 to 2010 – maturing implementation of SHEQ management system: formal safety culture assessments; corrective action process; Contractor Management Program
- 2010 to present – refining SHEQ management system: US OSHA safety metrics (e.g. recordable injury); human performance approaches; Management of Change

Lost Time Injury Frequency - Monthly Moving 12-Month Average



Total Recordable Injury Rate - Monthly Moving 12-Month Average



Elements of Sustainable Safety

1. Safety Culture – it starts at the top
 2. Management System – integrated into the business
 3. Continual Improvement – new challenges all the time
- These are interrelated points

Safety Culture

- Safety starts at the top of organization and is key to long term success
- Senior management needs to insist upon high standards
- Consistent communication on safety
- Alignment of actions with communication
- A strong reporting culture is foundational to a strong safety culture

Management System

- Safety needs to be integrated into your management system
- High standards are imbedded in processes and procedures
- Plan-Do-Check-Act model
 - Risk assessment – assess risks in advance
 - Change management – control the work environment
 - Corrective action – investigate incidents and correct
 - Audits – systematically assess your performance
- Rigorously hold yourself accountable to your high standards

Continual Improvement

- Business environment is never static
 - Economics, societal expectations, regulations, workforce, life cycle of operations
- Continuous learning at an organizational level and individual level
- At the organizational level management system elements are key (corrective action process, audits, etc)
- Senior leaders make learning part of core business. They are powerful advocates of learning and enable resources
- Leaders and employees openly share lessons learned with peers and, in so doing, reinforce high standards

Conclusion

- Sustainable safety performance is a long-term process
- The “tone from the top” and the management system need to reinforce and promote a strong safety culture
- There are no simple solutions to sustaining excellence in safety, it is an ongoing journey





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Thank you!

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