



BC Forest Safety

Safety is **good** business

2021 ANNUAL REPORT

EVERY FORESTRY WORKER

GOES HOME SAFE - EVERY DAY







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Message from the Chair and CEO

In 2021, the forest sector's resiliency, determination, and commitment positioned it well to face yet another year of challenges. Despite these challenges, the sustained focus across the industry by employers, workers, unions, contractors, and industry associations resulted in new milestones in improved safety performance.

There are no easy solutions for improving industry's safety performance. It comes from leadership, the front lines and everywhere in between. It comes from each one of us, starting with good safety management systems, good culture — trust, open communication, participative management — right through to training and supervision, supporting work practices and empowerment of workers and contractors. We all know that safety requires a commitment every day, on every block, with the felling of each tree to each load to every production and manufacturing process.

We would like to thank all of the industry advisory groups and forestry and manufacturing operations for their leadership on issues and their continued commitment to ongoing collaboration across industry. We truly believe that this level of commitment will be what drives our industry's safety performance to the next level.

While industry continued to make good progress on improving our safety performance and reduce injury rates, there were six direct harvesting work-related deaths in 2021, which serve as a stark reminder that we still have more work to do. We extend our heartfelt condolences to the families, friends, and colleagues of the deceased.

This annual report provides an overview of the progress made by BCFSC and industry along with this year's initiatives aimed at achieving our goal of Ensuring Every Forestry Worker Goes Home Safe. Everyday. While the pandemic created many challenges for BCFSC, it also provided many opportunities to improve our products, services, and training for industry through improved innovation and technology, paying attention to industry's needs, and improving our connections with industry which are highlighted in this report.

On behalf of BCFSC, we would like to thank you for your individual and collective efforts to ensure that every worker goes home safe everyday. Our industry's safety success is dependent on your continued commitment and support.

We would like to conclude by expressing our appreciation to all those who contributed to industry's success in 2021. Our employees' resourcefulness, dedication and commitment were exceptional. And as always, we appreciate WorkSafeBC's continued support in finding collaborative solutions to prevent workplace injuries and deaths.

And finally, we would like to extend our appreciation for the commitment, guidance, and unwavering support of our Board of Directors.



Dave

Dave Lehane
Chair, Board of Directors



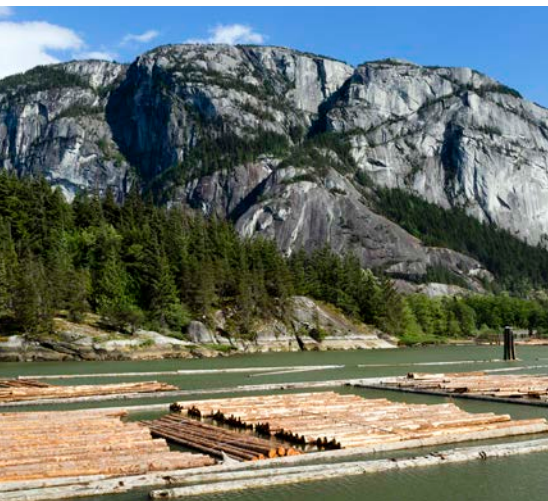
Rob Moonen
Chief Executive Officer





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The BC Forest Safety Council (BCFSC)



Who We Are

The British Columbia Forest Safety Council (BCFSC) is a not-for-profit health and safety association (HSA) dedicated to forest harvesting, sawmills and pellet manufacturing in British Columbia. The BCFSC works with forest sector employers, workers, unions, contractors and provincial government agencies to support industry in implementing changes necessary to eliminate fatalities and serious injuries in the forest sector. We provide services to over 5,000 employers and approximately 30,000 workers across BC.

The BCFSC is funded by industry through WorkSafeBC annual assessments and is governed by a Board of Directors representing all sectors of the industry.

What We Do

BCFSC works with industry stakeholders to identify, develop, implement and continually improve health and safety initiatives that build a positive health and safety culture and improve safety performance through SAFE Company certification, training, resource and program development, planning and assessment.

Our Core Beliefs

BCFSC has a culture shaped to reflect our core values and beliefs. We believe:

- All forestry fatalities and injuries are preventable.
- The safety of forestry workers is an over-riding priority.
- Safety excellence is key to the long-term success of our industry.
- Injury prevention is most effective when the overall industry owns and leads the change.
- Safety is **good** business.





Our History

BCFSC was created in September 2004, as a direct result of the findings of the provincial government's Forest Safety Task Force. The task force's mandate was to find ways to reduce the high levels of injuries and fatalities in the forest sector. Task force members included representatives of forestry companies, unions, independent contractors, associations and WorkSafeBC.

The task force's two key outcomes were:

- The industry's adoption in April 2004 of the Health and Safety Accord for the BC Forestry Industry; and
- The creation of the not-for-profit society – The BC Forest Safety Council

During that same year, the harvesting, hauling and silviculture sectors made the decision to fund the BCFSC through a special assessment collected by WorkSafeBC.

Forest Safety Ombudsperson – BCFSC appoints an independent ombudsman to conduct reviews and produce reports on major forest safety issues, and to be an impartial third party for individual cases involving safety. Roger Harris has held the position since the BCFSC's inception in 2004.

Our Vision

BCFSC is dedicated to continual improvement in helping build a strong culture of health and safety in the forestry industry by working closely and collaborating with all stakeholders on developing, improving and enhancing safety solutions.

We are committed to the on-going improvement of our resources, training, service practices and support efforts to develop and implement new and enhanced methods, procedures and technologies that have the potential to improve safety.

We continue to focus our efforts and maintain our vision to see **every forestry worker goes home safe. Every day.**



2 Strategic Objectives 2020 - 2022



BCFSC's strategic objectives summarize the areas of focus with an aim of concentrating on activities and high-risk areas that generate the highest number of injuries in the forest sector in manual tree falling, log hauling, tree planting, equipment operators and wood products manufacturers.

These seven key objectives help set a tactical course within the organization to achieve our vision to see **every forestry worker goes home safe. Every day.**

1. Develop and promote communications of BCFSC and industry initiatives.
2. Establish relationships with key industry stakeholders to collaboratively advance industry best practices.
3. Engage with industry to develop practical competency-based training programs to support consistent and improved training outcomes for forestry workers aimed at reducing injuries in high-risk occupations.
4. Update and increase access to training materials and programs to permit industry to train more people.
5. Improve access and navigation to existing and new resources through its website and expand the marketing and distribution of resources using different social media platforms.
6. Provide targeted outreach and support to employers and workers engaged in high-risk activities.
7. Engage with industry to develop industry guidelines and best practices to enhance the consistent application of safe work practices for high-risk activities.





3 2021 Key Achievements



Communications

In 2021, BCFSC focussed on growing our reach to the forestry sector by building our social media presence and increasing our subscriber base. We also concentrated on transitioning from printed formats of communication resources to digital resources to help industry access valuable safety information from their personal devices and computers.

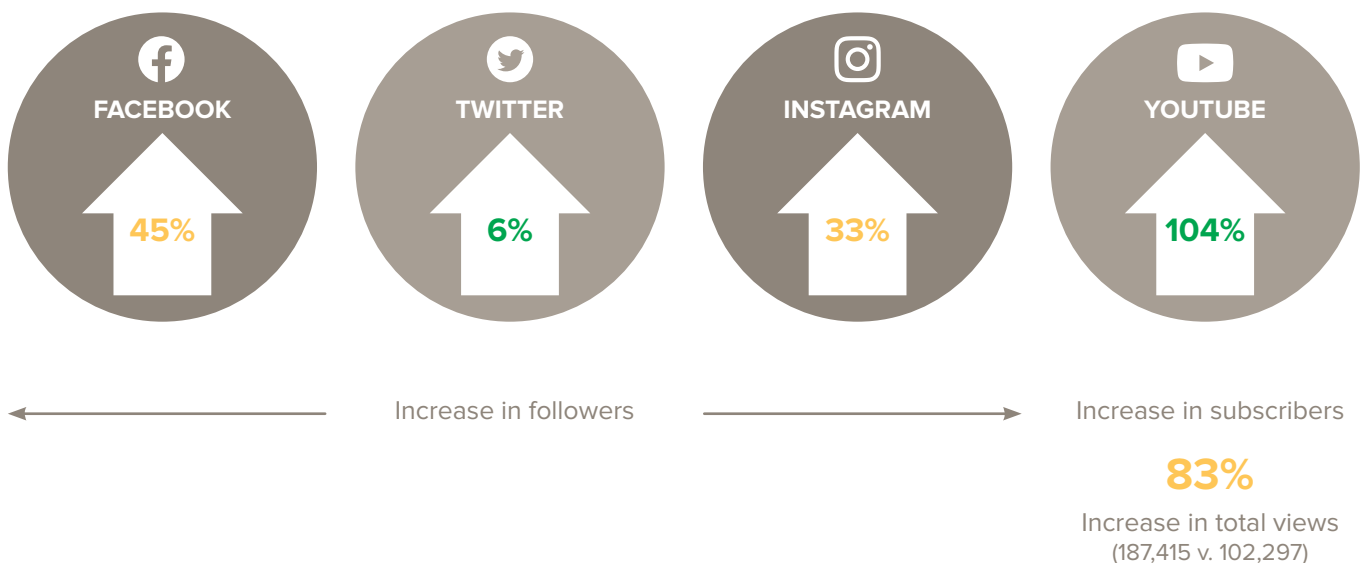
BCFSC Website - In 2021, BCFSC launched its new website to improve access and navigation to existing and new resources and expanded the marketing and distribution of resources using different social media platforms to reach more forestry employers and workers.

Forest Safety Newsletter - digital version published quarterly in March, June, September and December and sent to over 7,500 subscribers.

Monthly Safety Alerts - BCFSC revised the format of the monthly safety alerts to include relevant news and information as well as upcoming training to keep subscribers informed of the latest information from BCFSC. The monthly safety alert is emailed to over 8,000 subscribers once a month.

BCFSC Branding - BCFSC worked diligently with Advisory Groups and Industry Partners to ensure BCFSC's brand standards were met for all advertising and each partnered resource including videos, webinars, online learning centre, presentations and safety documents.

Social Media - 2020 vs 2021 social media growth





Key 2021 Achievements

Developing a Competent, Confident Workforce

In 2021, BCFSC engaged with industry to develop, update and increase access to training materials and programs to support consistent and improved training outcomes to ensure forestry workers are well trained and well supervised.

Supervisor Development Training - Effective supervisors are intentional and purposeful in promoting health and safety and are instrumental in improving worker safety outcomes. In 2021, significant progress was made in creating and delivering a supervisor development programs that provide training and job aids to support supervisors in harvesting, silviculture and wood products manufacturing.

Competency-based Training - BCFSC worked closely with advisory groups, industry and subject matter experts to build and deliver practical skillset assessment tools and competency-based training programs for specific harvesting activities to support consistent and improved training outcomes for forestry workers aimed at reducing injuries in high-risk occupations. BCFSC also received approval from WorkSafeBC in 2021 to implement the New Faller competency-based program which had been under development since 2015.

Overall Training Achievements - 2020 vs 2021



(1,909 v. 704)



(3,088 v. 975)



Key 2021 Achievements



Improving Safety in Wood Products Manufacturing

Further progress was made in 2021 working with the Manufacturing Advisory Group (MAG) and the Wood Pellet Association of Canada (WPAC).

Efforts to improve safety outcomes in 2021 included:

- Developing online training and resources to support implementation activities of critical controls in wood pellet operations
- Creating and delivering a supervisor development program that provides training and job aids to support supervisors in manufacturing
- Developing and piloting a Hazard & Risk Assessment course
- Increase reporting of Significant Incident Failure Potential (SIFp) incidents
- Improving Incident Analysis & Benchmarking
- Providing Mobile Equipment/Pedestrian Proximity device support

Improving Safety in Silviculture Operations

BCFSC provides support to the WFCAs BC Safe Forestry Program Strategic Advisory Committee (SAC) to improve safety in silviculture operations. WFCAs continue to lead the sectors efforts in developing and setting standards for industry to safely operate during the COVID-19 pandemic.

Efforts by SAC in 2021 also included:

- Physiological research addressed at reducing MSI's
- Developing strategies and programs aimed at eliminating harassment and violence
- Working with BCFSC to simplify and digitalize record-keeping for SAFE Company audits along with the introduction of quick and portable Forest Industry Reporting System (FIRS) app
- Supporting the development of a supervisor development program for silviculture





Key 2021 Achievements

Resource Road Safety



BCFSC worked with the Transportation Advisory Group (TAG) to develop an industry campaign to develop and promote resources and best practices aimed at reducing MVI's associated with travelling on resource roads.

Resource Road Safety Videos - BCFSC and industry partners collaborated on producing three professionally developed videos to help drivers improve safety awareness while driving on resource roads. The topics included: *Work Here, Play Here, Stay Safe Here* aimed at industry drivers and the general public, *Radio Use and Road Calling Procedures* aimed at promoting the use of radio communications protocols while driving on resource roads and *Switchback - Planning, Layout and Construction* that illustrates how resource road switchbacks are engineered and built for driving safety. These videos have been collectively viewed over 40,000 times.

Resource Road Driver Training Program - BCFSC worked with Overland Training Canada to develop a safety and decision-making skills program for driving on resource roads. The program includes an online knowledge unit as well as field sessions to instruct and assess proper driving techniques for resource road safety.



Resource Road
Online Courses
Completed
987

Resource Road
In-field Training
Participants
708

(844% over initial 2021 goal of 75 participants)

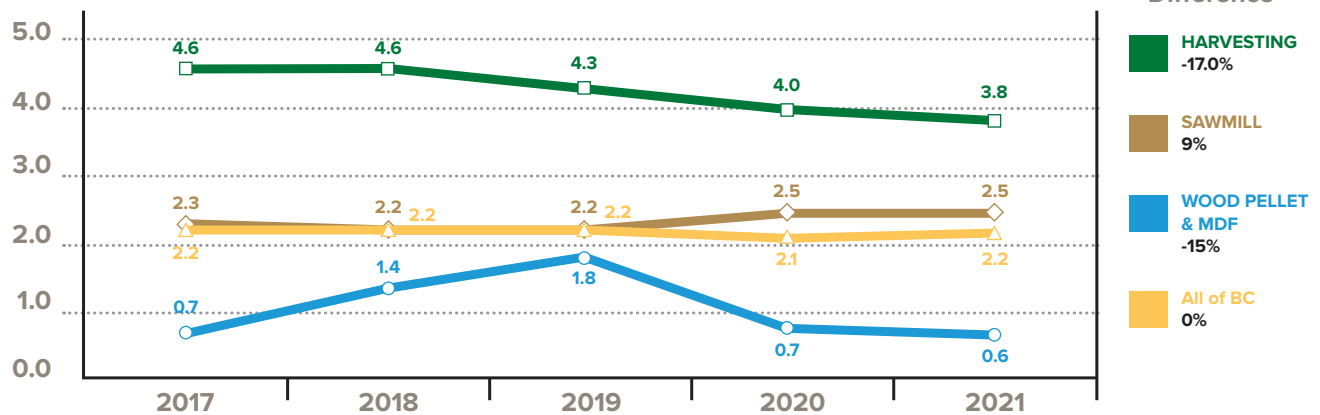
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Industry Statistics and Trends

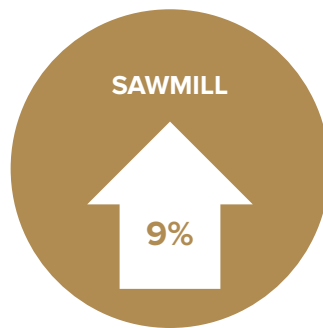


Overall, the top four activities that generate the highest number of time loss and serious injuries continue to be log hauling, manual tree falling, equipment operation and tree planting. In 2021, these activities accounted for approximately 65% of the total number of time loss and serious injuries in the entire harvesting sector.

Industry Injury Rates 2017-2021



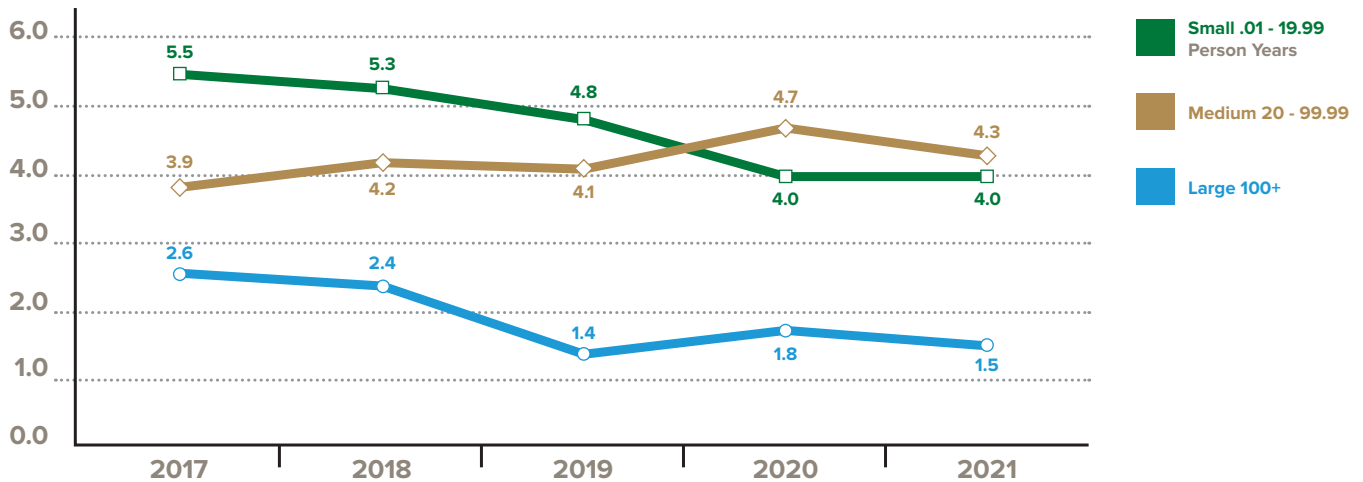
Changes to Injury Rates over the past 5 years





Industry Statistics and Trends

Harvesting Injury Rates 2017 - 2021 by Employer Size



**BCFSC Safety
Advisors conducted
665
in-field visits with
employers**

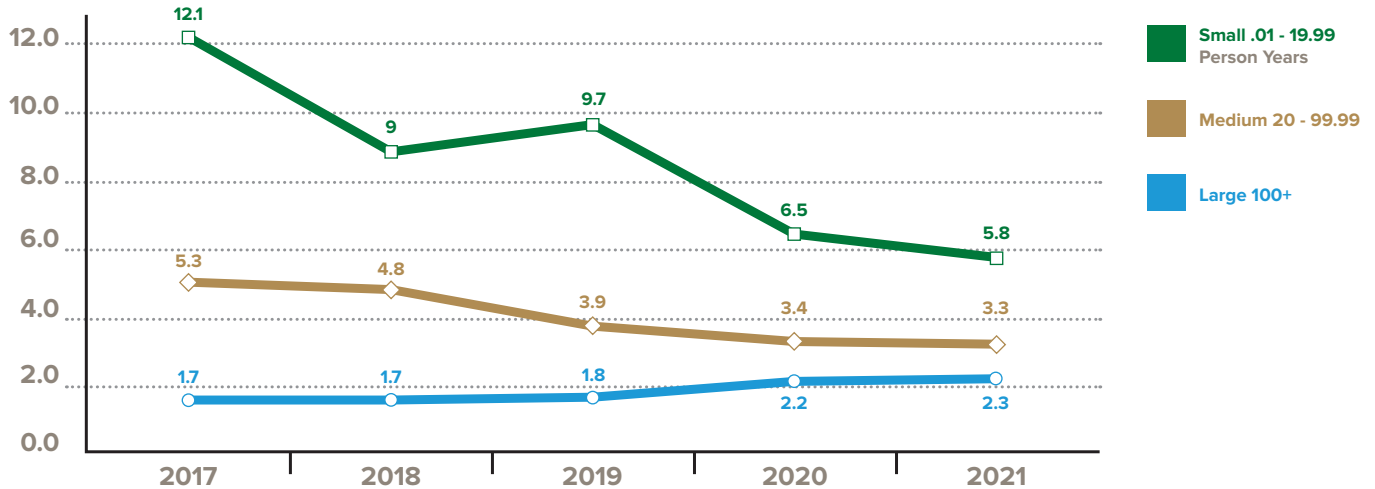
Small and medium employer injury rates are over 2.5 times higher when compared to large employers who typically have more comprehensive safety programs and controls in place. With small and medium sized employers, small employer injury rates are 2.7 higher when compared to large employers and medium sized employers have over 2.8 times higher injury rates than large employers. 95% of the employers in the harvesting sector are small employers with the majority of small employers having five or fewer employees.

To address the specific needs of small employers, BCFSC continues to focus on working with small employers. In 2021, BCFSC conducted a total of 665 in-field visits with small employers across the province to review and confirm small employers have effective and practical safety programs in place including 388 advocacy consultations with fallers. The number of Falling Advocacy engagements increased by ten percent to 388 from 352 in 2020, which represents the highest number of engagements since 2018.

Industry Statistics and Trends



Sawmill Injury Rates 2017 - 2021 by Employer Size

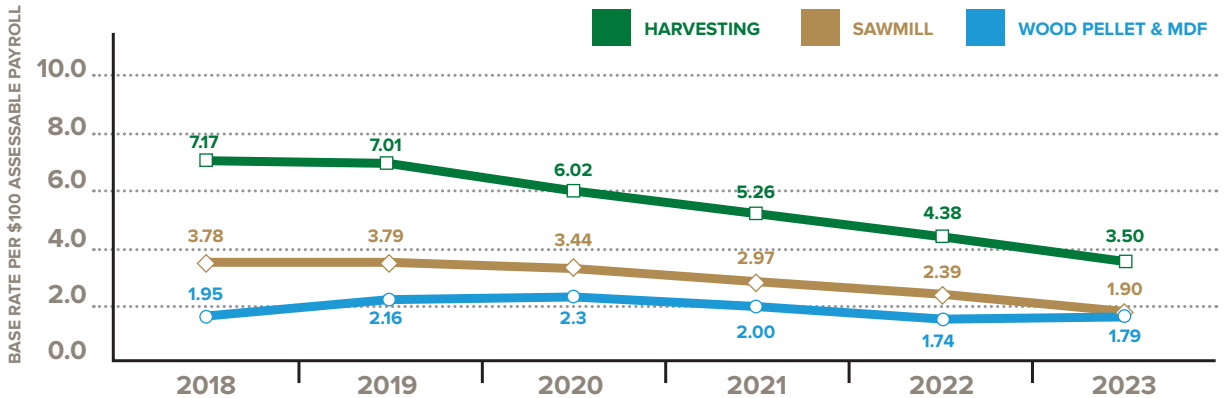


Small and medium size sawmill employers in BC experienced higher injury rates in comparison with larger employers, typically with more comprehensive safety programs and controls in place. Small employer injury rates are 2.5 times higher when compared to large employers and medium sized employers have 1.4 times higher injury rates of large employers. 66% of the employers in the sawmill sector are small employers with medium and large employers at 12% and 22% respectively.



Industry Statistics and Trends

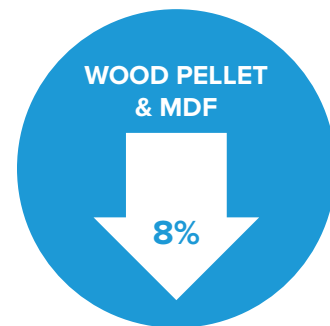
WorkSafeBC Premium Rate Changes 2018 - 2023



*2023 rates are the preliminary rates

A combination of factors resulted in a significant reduction in the preliminary base insurance rates across all of the forestry CU's. The driving factors contributing to these reductions included a higher than expected rate of return from WSBC investments along with a decrease to the average benefit cost rate (industry influenced through reduced claims costs) and WSBC administration costs.

Reduction of Industry Base Rates 2018 - 2023



5 Governance



Board Chair

Dave Lehane

BOARD COMMITTEE CHAIRS

(as of December 31, 2021)

Audit & Finance Committee

Provides oversight responsibilities relating to the annual workplan budget, financial information and policies, internal control systems and the audit process.

Chair: **John Betts**

Governance Committee

Advises the Board on governance matters including Board effectiveness and BCFSC membership, along with setting the process for recruitment, appointment and ongoing development of BCFSC directors.

Board Vice Chair and Governance Committee Chair: **Reid Hedlund**

Human Resources Committee

Helps the Board meet its human resources obligations covering senior management recruitment, compensation and succession planning.

Chair: **Stephen Mackie**

Program Committee

Provides the Board advice and recommendations on issues related to the effectiveness of Council's certification, training and other safety programs.

Chair: **John Betts**

Board of Directors

There are ten Board members with demonstrated years of service to the BCFSC Board::

John Betts, Executive Director, Western Forestry Contractors' Association – 18 years

Reid Hedlund, Chairman, Interior Logging Association – 14 years

Jeff Bromley, Chair, United Steelworkers Wood Council – .5 years

Stephen Mackie, Executive Vice President, Canfor, North American Operations – 6.5 years

Lana Kurtz, Safety and Environment Manager, Interfor Corporation, Western Operations – 1 year

Bob Brash, Executive Director, Truck Loggers Association – 1 year

D'Arcy Henderson, Vice President, Canadian Woodlands, West Fraser – 1 year

Digger Pond, Vice President, Operations, Mosaic Forest Management – 1 year

Scott Bax, Wood Pellet Association of Canada – 1 year

Sarah Fraser, Assistant Deputy Minister Rural Opportunities, Tenures and Engineering, Ministry of Forests, Lands, Natural Resource Operations and Rural Development – .5 years

Ex-Officio

Chris Back, Director, OHS Consultation & Education Services, WorkSafeBC





Members and Membership

BCFSC's membership includes forest industry organizations⁽¹⁾ representing workers, employers, government and crown corporations.

The forest industry pays for the BCFSC through a request to WorkSafeBC by industry to assess a fee to the Classification units (CUs) that make up the "in woods forest industry". Any company that supports the BCFSC through this industry assessment is eligible to become a voting member by sending a notice to the BCFSC which is reviewed by the Governance Committee.

As of December 31, 2021, the BCFSC had 57 voting members:

1. BC Community Forest Association (BCCFA)
2. Council of Forest Industries (COFI)
3. Schoen Lake Falling Ltd.
4. Federation of BC Woodlot Associations (FBCWA)
5. Interior Logging Association (ILA)
6. Ministry of Forests, Lands and Natural Resource Operations & Rural Development (MFLNRO&RD)
7. North West Loggers Association (NWLTA)
8. United Steelworkers–IWA Council (USWA – IWA)
9. Truck Loggers Association (TLA)
10. Western Fallers' Association (WFA)
11. Western Forestry Contractors' Association (WFCA)
12. Weyerhaeuser Company Limited (WCL)
13. Van Isle Falling LTD.
14. I. Crosby Contracting Ltd.
15. Independent Wood Processors Association (IWPA)
16. Interfor Corporation (INTERFOR)
17. Mosaic Forest Management (Mosaic)
18. Brinkman & Associates Reforestation Ltd.
19. Apex Forest & Wildfire Services Ltd.
20. Sladey Timber Ltd.
21. Canadian Forest Products Ltd. Forest Management Group (Canfor)
22. Akehurst and Galvani Reforestation Ltd.
23. Western Forest Products (WFP)
24. Zanzibar Holdings Ltd.
25. Spectrum Resource Group Inc.
26. Greenpeaks Resource Management Ltd.
27. Joe Dowe Enterprises Ltd.
28. Folklore Contracting Ltd.
29. Summit Reforestation & Forest Management Ltd.
30. Namgis First Nation & Atli Resources Corporation
31. Boom Bay Contracting
32. C.A.S. Forest Care Ltd.
33. Cecil Hill Contracting Ltd.
34. Copcan Contracting Ltd.
35. D/T Blasting Ltd.
36. Daniel Boyd Fretts dba Windfall Enterprises
37. Frost Lake Logging Ltd.
38. TDB Consultants Inc.
39. Ts'kw'aylaxw First Nation
40. W and E Services Ltd.
41. West Fraser Mills Ltd.
42. Gorman Bros. Lumber Ltd.
43. Blue Thunder Contracting Ltd.
44. Smokey River Holdings Ltd.
45. Hytest Timber Ltd.
46. Newco Logging Ltd.
47. Superior Selfloading Ltd.
48. Trevor Bennett Trucking Ltd.
49. Stones Bay Holdings Ltd.
50. Strategic Natural Resources Consultants Inc.
51. M.S.M. Falling L.T.D.
52. Sibola Mountain Falling Ltd.
53. Slew Foot Logging Ltd.
54. Western Canadian Timber Products Ltd.
55. Wood Pellet Association of Canada
56. Wilson Bros. Enterprises Ltd.
57. Shayne Bentley c/o Nature's Way Selective Logging

(1) **Forest Industry Organization** means any firm, corporation, agency, governmental authority, society, other person, whether incorporated or unincorporated, which, as its primary purpose, participates in, regulates or provides services to the British Columbia forest industry; including forest sector companies that financially contribute to a classification unit(s) that support the BC Forest Safety Council activities. [Click here](#) for more information.

6

Summary of Activities

SAFE Companies



In 2006, the BC forest sector developed SAFE Companies (Safety Accord Forestry Enterprise) as a pre-qualification safety initiative required to bid on forestry work in BC. For over 15 years, the BCFSC has been SAFE certifying BC forestry companies to ensure a minimum standard of safety in all forestry work places.

SAFE Certification demonstrates a company's commitment to safety as an organizational priority. SAFE Companies perform better by having safety management systems in place that meet regulatory standards to help reduce incidents and injuries, and improve reliability, quality and competitiveness.

SAFE Certified companies are also eligible to participate in WorkSafeBC's voluntary Certificate of Recognition (COR) program that recognizes and rewards employers who go above and beyond the legal requirements of the Workers Compensation Act and OHS Regulation.

In 2021, SAFE Companies continued to support BC forestry companies by providing training, audit services and safety resources. At the end of 2021, there were 3,140 companies participating in the SAFE Companies program compared to 3,198 in 2020. BCFSC verification audits were negatively impacted by a number of factors (wildfires, floods and COVID) with 277 verification audits being completed against a target of 400. To assist employers with the challenges of coping with the pandemic, wildfires and floods, BCFSC adapted its services in a number of areas. To help companies regain COR status after the unprecedented circumstances in 2020, BCFSC offered free online auditor training to company representatives for those companies with someone previously trained in independent owner/operator and small employer OH&S. In addition, as a result of the restrictions on travel and in-person visits due to COVID-19 restrictions, BCFSC continued providing employers with personal service by offering virtual site visits. Audit extensions were also provided to companies impacted by the provincial state of emergency due to the wildfires.



2021 Milestones:
SAFE Certified
Companies
3140

BCFSC Safety
Advisors conducted
277
in-field visits with
employers





2021 Key Highlights

Planning began for the SAFECO Forms Project to help support small employers with record keeping requirements for maintaining SAFECO Certification.

The project outcome will be a FREE App for industry to use on their mobile device(s) as a tool to help manage due diligence paperwork requirements.

The BCFSC FIRS (Forest Industry Reporting System) App, will enable employers to:

- Document/Record SAFECO required activities.
- File the records in a secure platform.
- Store company SWP's (available on and offline).
- Submit the record to stakeholders (only if wanted).
- Compile the records for the yearly SAFE Companies Audit.
- Support SAFE Companies Audit submission requirements.

Industry testing and delivery will take place in 2022.

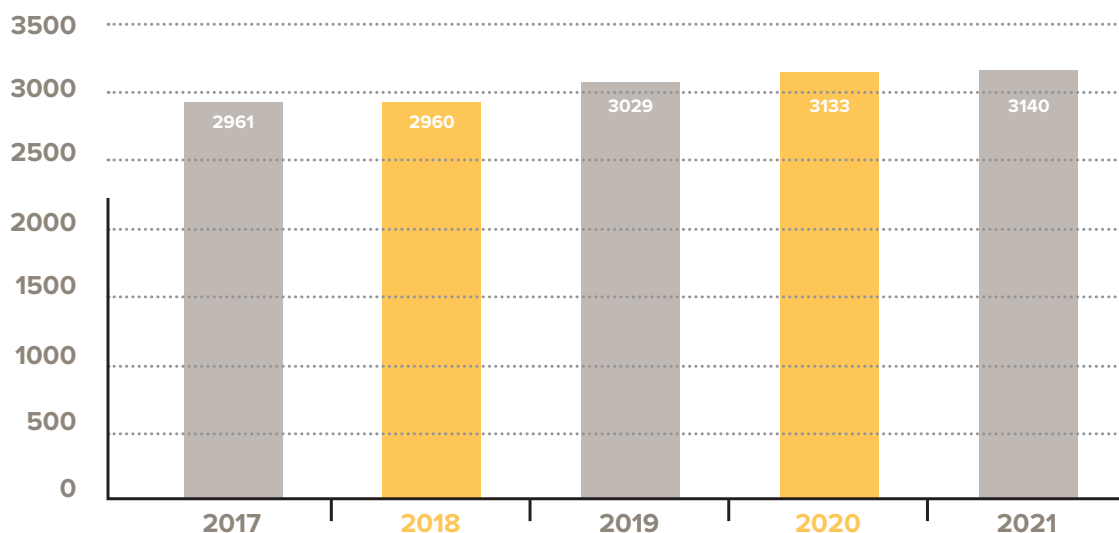
Revised the current SAFE Companies Certification Program Terms and Conditions to reflect program changes and the clarity relating to program requirements including :

- SAFE Conversion process.
- MAG-SAFE Audit.
- Provision for registration fees expire after three years if SAFE Companies Certification not achieved.
- Clarity regarding when “admin audits” are permissible.
- Clarity for SAFE Companies audit submission requirements for employers changing in size.

SAFECO contracted a vendor to build a dashboard to assist SAFECO staff with:

- Improved SAFE Companies program reporting.
- Granular audit-specific information at the question level to aid in decisions on resource allocation (verification audit planning, training enhancements, etc.).
- Trending statistics relating to SAFE Companies audit performance for companies, sectors, regions.

SAFE Companies Certifications by Year



Summary of Activities

Transportation Safety

In 2021, direction from industry advisory groups and new provincial regulations helped guide the focus of BCFSC Transportation Safety.

Regulation revisions to mobile equipment, log load securement, first aid, antilock braking systems and ELDs (Electronic Logging Devices) for log hauling were key focus areas.

Professional Industry Driver Training, Professional Endorsement and Resource Road Safety were also central initiatives for the development of resources and key communications. Some of these initiatives reached beyond the forestry industry, in particular resource road safety communications, to ensure all drivers including recreational users understand the risks and hazards of resource roads and how to use them safely.

Key Milestones:

Load Securement – New Provincial Log Load Securement Regulations (Part 26) were introduced in 2021 after several years of consultation between industry and WorkSafeBC. The objective being to better align current regulations with National Safety Code Standards and provide drivers with a wider variety of load securement options. In addition, the Load Securement Working Group and BCFSC engaged FP Innovations in developing a load securement project in order to find the best options for load securement available. This project also has a focus on addressing driver injuries relating to the standard log load securement processes currently used in BC.

The first of three phases were completed in 2021 with the final two to be completed in mid to late 2022. The first phase provided an overview of the current practices used in BC and other jurisdictions, the benefits and drawbacks to each including operational and safety considerations. This report supported the direction for phase two and three to help determine a flexible list of load securement options for log hauling that meet the new OHS regulations, address operational needs and safety in BC.

Electronic Logging Devices – New ELD mandates for commercial vehicle operators come into effect in 2022. BCFSC worked with industry partners to create a video production “A Day in the Life – Using Electronic Logging Devices” - to explain how ELD’s can efficiently and accurately record and manage their Hours of Service.

The Professional Log Truck Driver Training and Endorsement Program – The program developed by the Log Truck Technical Advisory Committee (LTTAC) and endorsed by the Trucking and Harvesting Advisory Group (TAG) was included the curriculum of several BC-based post-secondary institutions in 2021 including Okanagan College, and the College of New Caledonia. It was also used by log hauling contractors and licencees for new driver training.

The program was built to standardize the level of training and assessment for Professional Industry Drivers by identifying the specialized skills, knowledge and attributes of log truck, chip truck, lowbed and fuel truck drivers in BC.

Professional Industry
Drivers Trained
(2017-2021)

80

Log Truck Drivers
Assessed
(2017-2021)

329





Program enhancements for 2021 included user-friendly, digital, internal assessment tools to measure knowledge and practical skills of the driver and resources developed to address training and assessment related to self-loading logging trucks.

Resource Road Safety – BC’s Resource Roads are busier than ever, and incidents continue to occur causing great concern for many resource road users. BCFSC, the Trucking Advisory Group (TAG), Ministry of Forests, Lands and Natural Resource Operations, and industry partners worked together to develop several resources to help resource road users travel safely.

2021 Resource Road Initiatives

Two professionally produced videos

- Resource Road Orientation – Work Here, Play Here, Stay Safe Here
- Radio Use and Road Calling Procedures

Resource Road Driver Training – BCFSC partnered with Overland Training Canada to develop and offer both an online knowledge training program as well as practical in-field course with a one-day or two-day option.

Online Resource Road Courses – 987 completed

In-field Resource Road Training – 708 participants

In addition, a dedicated Resource Road Safety webpage was developed with valuable information, downloadable safety tips, brochures and training options.



Summary of Activities

Transportation Safety

Industry Working Groups:

Self Loading Working Group (SLWG) – This group was formed in 2020 with industry-led subject matter experts to address the need to protect workers of self-loading log trucks primarily during loading and unloading operations and engage in initiatives that improve the safety of self-loading log truck operators. The group is focused on the assessment of the need and limitations of guarding equipment, safe work procedures, inspections and competency of workers.

Commercial Vehicle Safety Group – This group was formed in 2020 and is focussed on addressing commercial transport safety issues, providing efficiencies for resolutions and communications, and exploring safety improvements for commercial vehicles operating within the BC Forest Sector. Members include provincial regulators, BC forest industry representatives and contractor associations.

Wood Fibre Hauling Safety Group (WFHSG) – This group was established to find solutions to mitigate workplace injuries and fatalities in the wood fibre hauling industry. Its focus is on developing safety initiatives and supporting projects, such as professional industry driver training, auto-tarping and other technological innovations, to reduce the risk to workers.

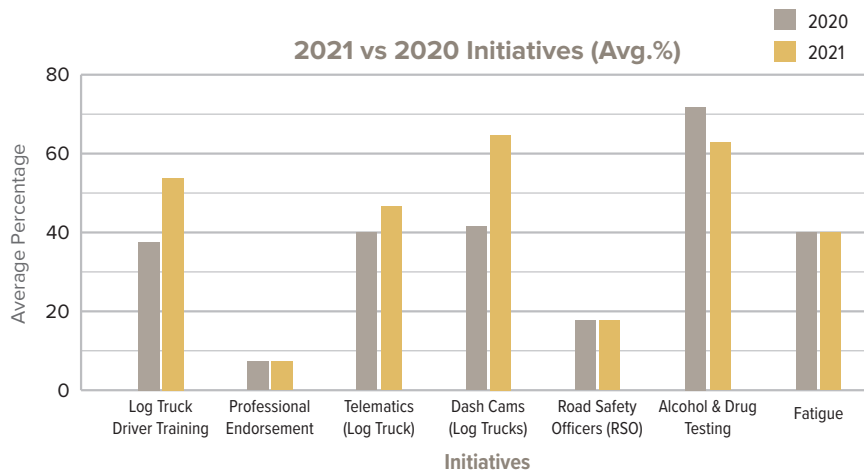
Load Securement Working Group (LSWG) – This group was formed to focus on initiatives that will reduce load securement injuries in the log hauling sector. Current work includes developing safe work procedures, risk assessment, training, research of existing and new technology, alternative practices and procedures and reporting on potential impacts to industry.

Trucking and Harvesting Advisory Group (TAG) – This group was established in January 2014 by key forest industry representatives in response to a cluster of log trucking incidents that occurred in the late summer/fall 2013.

TAG’s objective is to improve both harvesting and log hauling safety performance within the forest industry. In general, safety performance within the industry has improved significantly throughout BC since 2005.

The group continues to work on the consistent application of safety initiatives with a focus on fatigue, resource road safety, telematics/dash cams, and Log Truck Driver training and endorsement.

Advancing Best Practices to Improve Log Hauling – TAG’s key focus areas for 2021 were to advance industry best practices working collaboratively with industry and the BCFSC.



TAG Cumulative percentage across all operations.





Summary of Activities

Transportation Safety

Log Trucking Technical Advisory Committee (LTTAC) – This committee was formed in 2012 and is an industry-based group whose members are comprised of log hauling contractors, provincial agencies, industry representatives, RCMP, not-for-profit agencies and the BC Forest Safety Council (BCFSC).

This committee works to identify and bring forward issues and projects that are important to safety performance of the log hauling sector. By applying their own expertise and soliciting input from other log haulers, provincial agencies, licensees and subject matter experts, the LTTAC works on initiatives and makes recommendations (to BCFSC) that drive and guide the development of industry best practices. LTTAC is currently focused on the further refining and delivering Log Truck Driver Training and Professional Endorsement Program to Industry as well as enhancing overall professionalism within the Log Hauling Sector.

Coast Harvest Advisory Group (CHAG) – This group was formed in December 2012 by Forest Industry leadership and includes tenure holders, contractors, government and labour. The objective of the group is to work collectively to ensure priority areas for safety are identified and actioned accordingly.

The CHAG task force includes representatives from licensees, timberland owners, contractors, contractor associations and the United Steelworkers. Current focus areas include falling safety, supervisor support and training, and phase congestion.

Forest Industry Forum- Harvesting (FIF) – The Forestry Industry Forum's was formed in 2018 to provide an effective mechanism between the BC Forestry industry and WorkSafeBC in addressing issues, building a stronger working relationship, providing efficiencies for resolutions & communications, and improving safety standards & performance in the Forestry Industry. Members include forest industry representatives from provincial working groups, labour, contractor associations and WorkSafeBC.

NSP Program: Many forestry operations are dependent on-air travel by float plane. The North Star Practices (NSP) is a safety program that was created in 2020 by the Air Carrier Safety Working Group with support from the BCFSC. The NSP is set of operating practices and auditing system that provides an assurance to passengers and companies contracting air operators that the operator has not only met the basic Transport Canada regulations but strives to operate to a higher level. The NSP also provides guidance to passengers to understand their part in creating a safe environment for floatplane operations during transport.

VIN Program: The Vehicle Identification Number (VIN) program has been developed as a tool to assist in improving the safety of resource road users. Often contractors have multiple vehicles operating on resource roads and VIN provides a fast, efficient and accurate method of identifying the owners of each of those vehicles. It assists industry road users in reporting hazards or incidents by using the trackable VIN. This program has become the standard for vehicle identification for many forest licensees and contractors but has also been adopted by other industrial resource road users including oil & gas and mining.

Summary of Activities

Falling

In 2021, the BCFSC Falling Department was committed to supporting faller safety and falling supervisors, providing coaching and mentoring on the BC Faller Training Standard, meaningful faller inspections and risk-based supervision.

Key Milestones:

BC Faller Training Standard

WorkSafeBC approved the BCFSC New Faller Training Program in October 2021. Implementation of the new program began in Q4 of 2021, with the majority of the work to continue into 2022. Communication of changes and how this will affect those in the system will be distributed in 2022.

Falling Supervisor Course Update

The Falling department worked closely with course instructors, subject matter experts and a member of the Falling Technical Advisory Committee to develop a blended approach of online and instructor lead training for the Falling Supervisor course. The updated course will be piloted in 2022.

Risk-based Supervision and Meaningful Faller Inspections

BCFSC, along with WorkSafeBC, met with a major licensee and their falling contractors in late 2021. This provided an open forum for discussion on risk-based supervision and meaningful faller inspections, as this will be WorkSafeBC's focus moving into 2022. The BCFSC Falling Safety Advisors have and will continue to work closely with falling supervisors, mentoring and coaching on what to observe and document when performing faller inspections.

The BCFSC is working on the creation of documentation to support falling supervisors when inspecting their fallers and when taking a risk-based approach to supervision. The draft documentation will be piloted with falling supervisors throughout 2022.

Injury Rates 2017-2021



Serious Injury Rates 2017-2021



Falling Activities Completed in 2021	Number
Faller Certification Challenges	7
New Faller Training	15
New Faller Training Assessments	5
Falling Supervisor Visits	36
Falling Supervisor Certifications	5
Qualified Faller Trainer Training	4
Falling Advocate Engagements	388





Summary of Activities

Training

2021 was very busy for both training development and delivery. Even as COVID-19 restrictions fluctuated throughout the province, BCFSC was still able to deliver safety training and targeted course content by offering enhanced online training courses, webinars and modified classroom training to support the development of a confident, competent and well-trained work force.

Key Milestones:

Learning Management System - BCFSC transitioned to Moodle as the foundational Learning Management System software for the BCFSC Learning Centre. This system was chosen as the best software to support improved access to effective and professional online training for industry.

Forest Worker Essentials (FWE) Program - The final pilots of this multi-year project were completed in 2021. BCFSC developed lesson plans, instructor guides and adaptable learning resources to support a minimum six-week forestry program for new entrants to the BC Forest Industry that is adjustable to local industry needs. This program was guided by a steering committee with strategic partners including six post-secondary institutions, industry representatives and the BC government. It was designed to provide new BC forestry workers with the foundational skills and knowledge required to work safely, productively and sustainably in a harvesting environment. The program will be out of pilot and ready for use by spring of 2022.

Worker Training and Assessment - BCFSC has worked with industry to develop competency-based standards, training and assessment tools to help employers evaluate workers and complete on-the-job training to ensure there are no gaps in the knowledge, skills and attributes each worker needs to do their job safely and productively. These resources have been made available on BCFSC's website and the BCFSC Online Learning Centre. BCFSC developed dedicated assessments and training for workers in various forestry occupations including:

- Basic Forest Worker
- Yarding
- Mechanized Harvesting
- Road Building
- Stand Tending
- Silviculture Supervisor
- Resource Road Driving

Supervisor Development - Effective supervision is critical to the safety of forestry workers. Based on the input of forestry supervisors and industry feedback across the province, BCFSC determined Supervisor Development should be a key focus area for 2021 and beyond. Subject matter experts in multiple sectors were brought together to guide the development of supervisor resources for silviculture, wood products manufacturing, falling, and harvesting. In 2021 several supervisor projects were kicked off, with silviculture supervisor assessment tools and the first online training module on Leadership and Professionalism for manufacturing supervisors. Additional training modules and other tools will be developed in 2022.





Key Achievements:

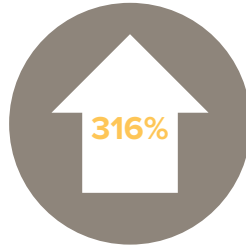
Continual updates and accessibility to training materials and programs provided industry with more options to train more workers and ensure the latest safety information was included in training materials.

Online Courses - 20 Training Programs were made available for self-enrollment.

2021 vs. 2020



Increase in online course completions
(1909 vs. 704)



Increase in training participants
(3088 vs. 975)



(844% over initial goal of 75 registered participants)

2021 Training Courses	Participants
IOO Occupational Health & Safety (IOO OHS) - Online	67
IOO OHS Refresher - Online	65
IOO OHS Refresher - In-person	2
Small Employer Occupational Health & Safety (SE OHS) - In-person	1
SE OHS – Online	233
SE OHS Refresher - In-person	2
SE OHS Refresher - Online	244
Internal Auditor	18
Internal Auditor Refresher	5
External Auditor	1
External Auditor Refresher	55
Forest Safety Overview - Online	89
Basic Incident Investigation	53
Serious Incident and Fatality Investigation - Online	39
Joint Health & Safety Committee	8
Forest Supervisor - Online	175
Falling Supervisor	36
Basic Chainsaw Operator	112
Resource Road Light Truck Driver	708
Professional Log Truck Driver Endorsement Program	37
New Faller Training	15

Summary of Activities

Manufacturing Safety

BCFSC is committed to helping reduce worker injuries and fatalities in BC sawmills and wood fibre manufacturing. We work with industry advisory groups such as the Manufacturing Advisory Group (MAG) and the Wood Pellets Association of Canada Safety Committee to support the development of safety management resources to improve safe operational practices to help sawmills and wood pellet companies in BC and their workers manage risks and hazards in the workplace.

2021 Key Highlights

Manufacturing Advisory Group (MAG)

Wood Products Manufacturing Hazard Identification and Risk Assessment Training -

BCFSC developed free online interactive modules designed to help workers new to manufacturing wood products manufacturing understand what hazards and risks are, become aware of common hazards in wood products manufacturing worksites, and learn how to assess and control risks.

Entry Level Supervisor Training - BCFSC and MAG identified six learning modules in 2021 to help train supervisors in the sawmill and wood pellet manufacturing sectors and help them understand the full scope of their role(s). The learning modules include:

- **Module 1** - Leadership and Professionalism
- **Module 2** - Cornerstones of Effective Safety Supervision, Business and Regulatory Requirements, Roles and Responsibilities of Safety Supervisor
- **Module 3** - Due Diligence, Documentation Policies Procedures
- **Module 4** - Training and Orientation / Communication
- **Module 5** - Hazard ID / Inspections / Investigations
- **Module 6** - Effective Communication

Each of these free online modules are available through the BCFSC online learning centre.

Leadership Development - BCFSC worked with the MAG project team to identify key competencies in knowledge, skills and attributes to support professional development for wood products manufacturing leaders. The MAG project team reviewed an existing Safety Leadership Program, PSI Safety DNA Leaders program, to identify which delivery method and content would be flagged as the best method for wood product manufacturing.

Updated MAG Terms of Reference - In 2021, a working group was formed to audit MAG's role and improve the outcomes and structure relating to MAG's key initiatives. The working group identified and proposed the following changes to MAG's terms and references:

- Addition of MAG facilitator role
- Addition of MAG organizing support group
- Addition of MAG-SAFE audit oversight committee





Summary of Activities

Manufacturing Safety



MAG Crew Talks and Safety Alerts - The BCFSC continued to deliver weekly crew talks and manufacturing safety alerts to a dedicated list of over 600 manufacturing subscribers to help support safety conversations at the beginning of meetings, pre-job/shift meetings and/or JOHSC meetings and to share incident information, safety protocol suggestions and important take aways.

WPAC (Wood Pellet Association of Canada) Safety Committee

Critical Control Implementation Project - In 2021, the BCFSC worked with WPAC and select industry experts to deliver bowtie sessions and critical control work for BC wood pellet facilities.

Plant Operator Competency - BCFSC, WPAC and more than 20 safety professionals and plant operators were involved in the identification and assessment of twelve units of Plant Operator competency for effective and safe performance in the workplace. Course units are under development for delivery in 2022.

pellet.org/safety - WPAC and BCFSC worked together to compile the numerous safety initiatives undertaken since 2014 and publish a dedicated safety webpage providing up-to-date information and resources on safety information. The one-stop safety resource page contains links to key documents, training and safety resources.

Published information includes:

- Annual WPAC Safety Plans and Safety Summits, complete with agendas and presentations
- Critical Control Implementation
- Belt Dryer Safety
- Plant Operator Training and use of alarms,
- Training and Supervision of Workers
- Incident Reporting



7 Financials



Statement of Financial Position: For the year ended December 31, 2021

BCFSC is financially sound in a strong financial position with cash and equivalents sitting at \$1.39 million net of restricted amounts. Meyers Norris Penny completed an independent financial report which resulted in a clean financial audit opinion that met fiduciary responsibility and did not require follow-ups.

	2021	2020
Assets		
Current		
Cash	\$ 1,395,433	\$ 1,871,971
Accounts receivable	70,878	22,393
Goods and services taxes receivable	5,674	10,375
Prepaid expenses	100,476	93,264
Deposits	6,949	6,949
Externally restricted cash	1,057,351	1,174,641
	2,636,761	3,179,593
Capital assets	572,788	734,503
Internally restricted cash	603,560	603,560
	3,813,109	4,517,656
Liabilities		
Current		
Accounts payable and accruals	159,602	190,749
Payable to WorkSafeBC - COR	206,428	220,916
Deferred contributions	850,253	823,734
Deferred contributions - other projects	207,098	350,907
	1,423,381	1,586,306
Commitments		
Net Assets		
Unrestricted	1,213,380	1,593,287
Invested in capital assets	572,788	734,503
Internally restricted	603,560	603,560
	2,389,728	2,931,350
	3,813,109	4,517,656



Statement of Operations: For the year ended December 31, 2021



	2021	2020
Revenues		
WorkSafeBC	\$ 4,618,597	\$ 5,533,261
Program Fees	617,843	524,607
Other government grants	151,288	41,913
Sponsorship and other	57,591	64,100
Interest and other	11,828	28,619
	5,457,147	6,192,500
Expenses		
Amortization	165,825	89,337
Bank charges and interest	13,667	15,409
Communication	59,582	51,679
Computer	378,815	298,680
Consultants	43,228	22,950
Contractors	496,282	416,743
Conventions and conferences	7,856	27,930
Directors and committee meetings	41,251	55,936
Employee benefits	563,502	557,670
Facilities and catering	29,496	26,056
General administration	91,860	118,324
Instruction materials	26,073	17,485
Professional fees	18,290	35,899
Project development	778,710	638,108
Rent, utilities, telephone and repairs	212,050	198,554
Salaries and wages	2,940,605	2,820,889
Travel	95,626	123,759
Vehicle	36,051	35,561
	5,998,769	5,550,969
Excess (deficiency) of revenues over expenses	(541,622)	641,531

REVENUES

2021: \$5,457,147

2020: \$6,192,500

EXPENSES

2021: \$5,998,769

2020: \$5,550,969

8

Industry Advisory Groups



Industry safety working groups are the backbone of the BCFSC's programs and business plans. Without the leadership, guidance, time and expertise that members provide, industry would not benefit from the many programs and initiatives that support injury reduction and improved safety performance.

Thank you to all who serve to make the workplaces of BC's forest harvesting, sawmill and pellet manufacturing the safest they can be.



Harvesting Groups

Coast Harvesting Advisory Committee (CHAG)

Bill Nelson, Holbrook Dyson and TLA Representative
Jason Cox, United Steelworkers (USW)
Craig Tilander, Ministry of Forests, Lands and Natural Resource Operations & Rural Development
Derek Nelson, Western Forest Products
Ralph Friedrich, Interfor
Mike Reagon, Mosaic Forest Management
Dazy Weymer, Falling Technical Advisory Committee

Top three focus areas:

- Struck by incident prevention
- Supervisor support and training
- Danger tree blasting

Falling Technical Advisory Committee (FTAC)

Aaron Steen, Licensee Coast Representative
Chris Spronken, BC Wildfire Service Representative
Clay Govett, Licensee Interior Representative
Clint Cleverley, Interior Contractor Representative
Conor Pierce, Independent Coastal Faller
Creole Dufour, Small Contractor (Faller) Interior Faller
Dave Weymer, Western Fallers Association Faller
Doug Harrison, Interior Contractor Representative
Francois Sauve, Western Forestry Contractors Association (silviculture) Representative
Gary Bauer, Licensee Coast Representative
Jack Miller, Union Rep or Union Faller (with falling background)
Jake VanDort, Western Fallers Association
Jason Cox, Union Rep or Union faller (with falling background)
John Courchesne, Canadian Association of Geophysical Contractors
Kirk Bell, Large Falling Contractor
Mark Turnbull, Certified Utility Arborist (CUA) Representative
Mike Davidson, Coastal Independent Faller
Neil Campbell, QST Interior Faller
Richard Butler, QST Coast Faller
Rob Pridge, Coastal Independent Faller
Robert Scott, Licensee Interior Representative
Robert Shambrook, Licensee Coast Representative
Siegfried Kemmler, Truck Loggers Association
Steve Kerrone, Large Logging Contractor
Terry Greaves, Small Contractor (Faller) Coast Faller
Toby Jeffreys, Licensee Interior Representative
Todd Chamberlain, Interior Logging Association (ILA)
Sean Estabrook, First Nations Forestry
Shawn Sullivan, Ministry of Forests, Lands and Natural Resource Operations & Rural Development
Wade Schalm, Small Contractor (Faller) Interior Faller

Observers (ex-officio members)

Roger Harris, Forest Safety Ombudsman
Darcy Moshenko, WorkSafeBC Industry & Labour Services
Terry Anonson, WorkSafeBC Prevention Services

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Safety Groups cont...



Top three focus areas:

- Integration and anchoring of the new falling and bucking competency based standards
- Update the current Falling Supervisor course to a blended approach, providing online, in-class and in-field portions to industry
- Overhaul of the Certified Falling Supervisor assessment from a points-based system to a system that identifies safety critical components for supervision

Forest Industry Forum – Harvesting Technical Working Group

Derek Nelson, Coast Harvest Advisory Group
Ken Pedersen, Trucking and Harvesting Advisory Group
John Betts, Western Forestry Contractors' Association
Jeff Bromley, United Steelworkers
Ed Kent, United Steelworkers
Budd Phillips, WSBC Representation
Don Schouten, WSBC Representation
Terry Anonson, WSBC Representation
Tom Pawlowski, WSBC Representation

Top three focus areas:

- Current and emerging safety issues
- Risk reduction
- Regulation

SAFE Companies Advisory Committee (SCAC)

Ann Marie Baron, Lemare Group of Companies
Kevin Birch, B&B Tree Topping
Valerie Dettwiler, Griffon Safety Solutions Ltd.
Kim Edmondson, M. Edmondson Contracting
Deb McPhee, Larry's Heavy Hauling (1990) Ltd.
Paula Moore, Platinum Stone Contracting Ltd.
Wendy Sherman, Gudeit Bros. Contracting Ltd.
J.E. (Ward) Stamer, Stamer Energy Resources
Dennis Thideman, Edynamics
John Bulcock, Western Forest Products
Norm Druck, Weyerhaeuser
Tom Jackson, Ministry of Forests, Lands and Natural Resource Operations & Rural Development
Dr. Jordan Tesluk, Independent researcher

Observers (ex-officio members)

Rommel Dela Resma, WSBC Observer

Top three focus areas:

- Auditor management
- Cor program changes and input
- Safe companies terms & conditions revisions

BC Safe Forestry Program - Silviculture Advisory Committee (SAC)

Chris Akehurst, Akehurst and Galvani Reforestation
Dr. Jordan Tesluk, Independent Researcher
Crawford Young, Spectrum Resource Group
Jo Graber, Jokat Safety
Sylvia Fenwick-Wilson, Zanzibar Holdings Ltd.
Jason Krueger, Summit Reforestation Ltd.
Alan Sidorov, Sidorov Advanced Driver Training
William Moser, Spectrum Resource Group
Kerry Grozier, BC Timber Sales
Dave Cornwell, MFLNRO
John Betts, Western Forestry Contractors' Association (WFCA)

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Safety Groups cont...

Observers (ex-officio members)

Lisa Houle, WorkSafeBC
Tom Pawlowski, WorkSafeBC

Top three focus areas:

- Outreach - COVID-19 support and engagement with companies and planters by Forestry Safety Advocate
- Developing Competency-based training and assessments for silviculture supervisors
- Developing resources to support workers in better understanding danger tree issues

Woodlot and Community Forest Association Safety Committee (WLCFASC)

Bill Golding, Wetzin'kwa Community Forest Corp.
Dave Gill, West Bank First Nation Community Forest
Gary Hanson, Woodlot Licensee/Smithers
Ken Dodd, Woodlot Licensee
Rick Walters, Woodlot Owner

Top three focus areas:

- WL-CFA licensee safety responsibilities/awareness
- Promote and support revised safety management system
- Safety tools and resources

Transportation Groups

Commercial Vehicle Safety Committee (CVSC)

Samantha Eburne and Courtenay Lowther, Ministry of Transportation and Infrastructure / CVSE
Ken Pedersen, Trucking and Harvesting Advisory Group
Greg Munden, Log Truck Technical Advisory Committee
Todd Chamberlain, Interior Logging Association
Bob Brash, Truck Loggers Association

Top three focus areas:

- Hours of service
- Anti-lock braking system safety
- Electronic stability control

Log Truck Technical Advisory Committee (LTTAC)

Greg Calibaba, RCMP
Wes Dyck, John Dyck Trucking
Peter Bueckert, J. Bueckert Logging Ltd.
Chris Schaap, Casco Holdings Ltd
James Sinnett, FP Innovations
Vern Woods, Vern's Ventures
Dave Barden, Barden Contracting Ltd
Melinda Morben, Mosaic Forest Management
Greg Munden, Munden Ventures
Courtenay Lowther, Commercial Vehicle Inspections and Standards

Top three focus areas:

- Log Truck Driver Competency/Professional Endorsement
- Professionalism in log hauling
- Emerging safety issues

Load Securement Working Group (LSWG)

Ken Pedersen, Trucking and Harvesting Advisory Group
Mithun Shetty, FPInnovations
Jerry Mooney, Timber Services Ltd., Log Hauling Contractor
Peter Bueckert, P. J. Bueckert Logging, Log Truck Technical Advisory Committee

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Safety Groups cont...

Helen Chandler, WorkSafeBC

Top three focus areas:

- Incident data and analysis
- Load securement techniques and technology
- Risk analysis and control

Self-Loading Working Group (SLWG)

Al Taylor, A R Taylor Loading and Hauling

Trevor Bennett, T Bennett Trucking

Gerrard Pagani, Stewart Systems

Brent Giesbrecht, BG Self-loading

Ken Fear, Fearless Contracting

Steve Jackson, AH Jackson Corp.

Jason Leroy, Profab Manufacturing Ltd.

Observers (ex-officio members)

Earl Houlden, WSBC Representative

Top three focus areas:

- Best practices/safe work procedures,
- Operator competency for loading and unloading self-loading log trucks,
- Industry resources for standardized inspections that meet or exceed WorkSafeBC regulations

Trucking and Harvesting Advisory Group (TAG) Task Team

Shawn Byrne, Weyerhaeuser

Ryan Weltz, Interfor

Craig Tilander, BC Timber Sales

Jeffrey Rensmaag, Conifex

Jerry Mooney, Tolko

Ken Pedersen, Canfor

Ron Volansky, R&A Logging

Mark Cookson, West Fraser Mills

Greg Hislop, Gorman Bros. Lumber Ltd.

Vern Woods, Log Truck Technical Advisory Committee

Mike Reagon, Mosaic Forest Management/CHAG

Dorian Dereshkevich, Sinclar Group

Marty Hiemstra, Mercer

Trish Kohorst, Munden/LOTS Canada

TAG Steering Team

Barry Gladders, Tolko

Craig Tilander, BC Timber Sales

Andrew McLellan, Conifex

Mark Cookson, West Fraser Mills

Bob Brash, Truck Loggers Association

Larry Price, Interfor

Nick Arkle, Gorman Bros Lumber Ltd. Shane Neukomm, Canfor

Todd Chamberlain, Interior Logging Association

Bruce McLean, Sinclar Group

Norm Druck, Weyerhaeuser

Marty Hiemstra, Mercer

Top three focus areas:

- All forest operations incident data collection and analysis
- Communication and implementation of TAG best practices
- Log truck driver fatigue

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Safety Groups cont...



Wood Fibre Hauling Safety Group (WFHSB) previously known as Bulk Haulers Injury Elimination Taskforce (BHIET)

Matt Cook, Arrow Transportation Systems Inc.
 Annie Horning, Excel Transportation
 Mike Grimm, Lomak
 Angus Gardner, D. Jones Trucking
 Brian Carr, Sutco
 James Gelowitz, Canfor
 Paul Manwarring, M4 Enterprises
 Russell Klassen, Valley Carriers
 Stuart Foster, DCT Chambers Trucking
 Dean Jardine, Elite

Top three focus areas:

- Incident data collection and analysis
- Load tarping injury prevention
- Professional Industry Driver training and assessment

Manufacturing Safety Groups

Manufacturing Advisory Group (MAG)

Chelsea Meyer, Kalesnikoff Lumber
 Daniel Ruzic, Lana Kurz, Interfor
 Marla Nicol and Kristen Gammel, Conifex
 Daryl Davidson, John Stirling, Pacific Bioenergy
 David Murray, Gorman Bros.
 Jeff Larsen, Jason Cerenzie and Carrie Harilstad, Weyerhaeuser
 Derek Nelson and Mary Forster, Western Forest Products
 Troy Withey, West Fraser Mills
 Grace Cox, Canfor
 Randi Zurowski, Carrier Lumber
 Ruben Gaytan, Ian Gray and Joe Angyus, Hampton Affiliates
 Marsha Bell and Scott Wynn, Tolko
 Steven Mueller, Pinnacle Renewable Energy
 Tony Mogus, Dunkley Lumber
 Tristan Anderson, Coastland Wood
 Grant Fast, Sinclair Group Forest Products Ltd.



MAG Steering Team

Don Kayne, Canfor
 Ray Ferris, West Fraser
 Ken Shields, Conifex
 Brad Thorlakson, Tolko Industries Ltd.
 Don Demens, Western Forest Products Inc.
 Fred Dzida, Weyerhaeuser
 Chris Kalesnikoff
 Jeff Bromley, United Steelworkers
 Greg Stewart, Sinclair Group Forest Products Ltd.
 William Kordyban, Carrier Lumber
 Rob Novak, Dunkley Lumber Ltd.
 Steve Zika, Hampton Affiliates
 Nick Arkle, Gorman Bros. Lumber Ltd.
 Andrew Horahan, Interfor
 Dave Lehane, BCFSC Board Chair and MAG Facilitator



Top three focus areas:

- Supervisor training development
- Hazard ID training resources for sawmill workers
- Significant Incident Failure Potential (SIFp) identification, reporting and sharing





Safety Groups cont...



Wood Pellet Association of Canada Safety Committee (WPACSC)

Arnaud Staib and Jan Van Den Ausele, Engie (La Granaudiere)
Brad Kelly, Russ Dykstra and Shawn Gamble, Brink – Platinum Pellets
Brad Sampson, Pinnacle Renewable Energy
Chris Cloney, Dust Safety Science
Chris Zuberec, BFL Canada
Cody Huls - Kozar
Colin Jones, Logistec Stevedoring
Corey Gardner, Tolko Industries
Daryl Davidson and John Stirling, Pacific BioEnergy
Shahab Sokhansanj, UBC - Biomass and Bioenergy Research Group
Frank Wall and Marc Fontaine, Premium Pellet Ltd.
Gordon Murray and Fahimeh Yazdanpanah, Wood Pellet Association of Canada
Grace Cox, Jimmy Boudreau, Sheldon Wheeler and Mike Adams, Canfor
Greg Rye and Lori Saretsky, West Fraser
Jeff Mycroft, Fike Canada Inc.
John Arsenaault, Quebec Wood Export Bureau
John Swaan, FutureMetrics
Jorgan Dehlborm, Firefly
Karen Blomme and Richard White, Princeton Standard Pellet Corporation
Melissa Bates, BioPower Sustainable Energy Corp.
Melanie Nadeau, Irving Grand River Pellet
Michael Fantillo, Premium Pellet Ltd.
Miles Wright, Great Northern Timber
Nathan Bond, Skeena Bioenergy Ltd.
Phillipe Landry, Serge Sirois and Nicholas MacGougan, J.D. Irving, Limited
Rick Taylor – Drax Power
Rene Landry and Robert Boyd, Shaw Resources
Rob Irwin, Vanderwell Contractors (1971) Ltd.
Scott Bax, Jeff Johnston and Steven Mueller, Pinnacle Renewable Energy
Sean Raymond, Yves Crits and Steven Lavoie, La Granaudiere

Top three focus areas:

- Critical Control Management project
- Wood Pellet Plant Operator competencies and training
- Bed Dryer Working Group learnings

**BCFSC RELIES ON
INDUSTRY SAFETY
WORKING GROUPS
AND STAKEHOLDERS TO ASSIST
WITH THE DEVELOPMENT OF
SAFETY SOLUTIONS TO KEEP
FORESTRY WORKERS SAFE AND
MAKE SAFETY A KEY FOCUS OF
WORKPLACE CULTURE.**



**EVERY FORESTRY WORKER
GOES HOME SAFE - EVERY DAY**



BC Forest Safety

Safety is good business

www.bcforestsafe.org