

# BURNABY FIRE DEPARTMENT ANNUAL REPORT 2020







COVER PHOTO: BURNABY HOSPITAL FIRE (COURTESY OF RYAN STELTING)  
VEHICLE FIRE (COURTESY OF RYAN STELTING)



## BURNABY FIRE DEPARTMENT PRIMARY RESPONSIBILITIES

Protecting the property, the safety and the well-being of the citizens of Burnaby.

Providing all hazards emergency response and rescue services, including motor vehicle incident rescue and hazardous material response.

Providing comprehensive fire and safety services.

Conducting fire code inspections and enforcement.

Providing community education and support.

Providing the citizens of Burnaby with a high level of first response emergency medical care.

Providing major emergency and disaster response.

Fulfilling all legislative responsibilities governing the operation of the Fire Department as required under the authority given by the British Columbia Fire Services Act, the Burnaby Fire Services Bylaw, British Columbia Fire Code and other related Acts.





CLASS OF 2020 - FALL HIRES





## FIRE CHIEF'S MESSAGE

Burnaby Fire Department is a proud organization serving the city and its citizens since 1938. Our mission is to protect the lives and property of our citizens through the reactive emergency response operations of firefighting, rescue and medical aid, and proactive measures such as fire prevention, inspections, code enforcement and safety education.

The Burnaby Fire Department is the third-largest fire department in British Columbia, with 312 employees serving a population of 253,430, and protecting 98.6 km<sup>2</sup>. Burnaby is comprised of four major quadrants, each consisting of a dense town centre area, high and low density residential areas, large commercial and industrial business districts, and significant dedicated parkland and green spaces.

The Department is structured into five divisions each staffed by highly trained and extremely motivated members. The City of Burnaby is appreciative of the commitment and efforts our Department members make on a daily basis to support the citizens in need or to enable the good work of our first responders. Each division within our Department is critical to our collective success. These divisions include:

- » Suppression
- » Administration
- » Prevention
- » Mechanical
- » Training

In the Burnaby Fire Department, we take great pride in many characteristics that make us a leading community based service organization, such as:

- » an outstanding commitment to quality customer service;
- » our belief that we are an important part of our community; and,
- » our dedication to our overall objective of improving the quality of life and safety of the residents and visitors to the City of Burnaby.

Our department has a long standing history of providing quality service and programs to the community. We stand committed to expanding on this tradition in our future endeavors through collaborative community interaction with the City of Burnaby and Burnaby Firefighters Association Local 323 in order to provide enhanced delivery of customer care services.

In closing, we remain positioned to respond to your needs with trust, integrity, respect, teamwork and professionalism.

A handwritten signature in blue ink that reads "Chris Bowcock".

Chris Bowcock  
Fire Chief

## DISTRIBUTION OF PERSONNEL

**TOTAL COMPLEMENT  
DECEMBER 31, 2020**

**312**

### Administration Division

Fire Chief	1
Deputy Fire Chief (Administration)	1
Deputy Fire Chief (Operations)	1
Deputy Fire Chief (Planning and Logistics)	1
Staff Officer	1
Administrative Assistant	1
Administration Clerk	3
Data Entry Clerk	1

### Suppression Division

Assistant Fire Chiefs	4
Fire Senior Captains	4
Fire Captains	42
Fire Lieutenants	25
Firefighters	208

### Mechanical Division

Chief Mechanic	1
Mechanics	2

### Training Division

Chief Training Officer	1
Assistant Chief Training Officer	1
Training Captain	3

### Prevention Division

Chief Fire Prevention Officer	1
Fire Prevention Captain	4
Fire Inspectors	6



CLIMB THE WALL 2020 (PHOTO TAKEN PRIOR TO PANDEMIC)

## PROMOTIONS

### Fire Chief

Chris Bowcock

### Deputy Fire Chief

Miles Ritchie

### Staff Officer

Ian Hetherington

### Assistant Fire Chief

Dave Younger

### Senior Captain

Graham Lamont

### Fire Captain

Darren Babey

Jason Barfoot

Doug Buckoll

Randy Ferrara

Dave Hetherington

Mike Main

Vance Procyk

Scott Ruddy

Heather Wilson

Steve Wolfe

### Fire Lieutenant

George Cacic

Jason Fahlman

Jodi Kabernick

Allan MacLeod

Satinder Mann

Evan Myers

Colby Rope

Niel Stevenson

Darren Wallsmith

## NEW HIRES

### Spring 2020 Hires

Brett Andersen

Richard Anderson

Andrew Blackmore

Boston Colley

Tyson Kirkness

Thomas Lassam

Jason Martincic

Brodie McKenzie

Brett Myske

Colton Porter

Thomas Robertson

Tanner Shaer

Pav Singh

Ryanna Smith

Tomislav Tomic

Chiara Zanotto

### Fall 2020 Hires

Scott Barker

Jody Dobush

Lucy Neville

Misha Otanga

Mitchell Paulson

Jill Perrone

Thomas Robson

Royce Rossignol

Jerry Sidhu

Jackson Temple

Tim Truman

Nico Verseveldt

Mitchell Warnock

Daniel Wise



## LONG SERVICE AWARDS

### 30 Years

George Assaf

Jamie Buis

Dale Kristmanson

Stewart Maltman

Darcy Robinson

### 25 Years

Kris Anderson

William Dinsmore

Darrel Guerrier

Keith Holm

Rob Hourigan

Shaun Madigan

Jamie Malenfant

Craig Matsumura

Kelly Meredith

Darcey O'Riordan

Brian Paulson

Wade Robertson

Tanya Rosenberg

Cathy Van-Martin

Todd Wynes

### 20 Years

Michael Beauregard

Michael Buntain

George Cacic

Ted Cannon

David Kristensen

Allan MacLeod

Satinder Mann

Kelly Parker

Dean Pickering

### 15 Years

Ryan Berry

Robert Lee

Mike Legg

Frank Loughrey

Jeff McBride

Neil McQuade

Jason Munt

Scot Shiels

Adam Smith

Geoff Yee

## RETIREMENTS

Rob Causier (August 9, 1993 – April 30, 2020)

Lance Preissler (October 5, 1992 – June 20, 2020)

Rodger Lynch (June 3, 1991 – July 25, 2020)

Peter Hallam (June 3, 1991 – July 31, 2020)

Barry Mawhinney (January 5, 1987 – August 28, 2020)

Perry Talkkari (May 30, 1988 – November 27, 2020)

*\*We would like to acknowledge Joe Robertson and his 31 years of service with the Burnaby Fire Department.*





## FIRE STATIONS AND APPARATUS DEPLOYMENT

### Fire Station No. 1 | 4867 Sperling Avenue

Engine 1	2006 Spartan/Smeal CAFS
Engine 21 (Reserve)	1995 Spartan/Saulsbury
Engine 22 (Reserve)	1995 Spartan/Saulsbury
Engine 24 (Reserve)	1992 Spartan/Saulsbury 55 ft Ladder
Engine 25 (Reserve)	2000 Spartan/Smeal 55 ft Ladder
Ladder 4 (Reserve)	1995 Spartan/LTI 100 ft Ladder
Rescue 1	2008 Spartan/SVI
Rescue 2	2008 Spartan/SVI
Command 1	2017 Freightliner/HUB
Fire Chief (Car 30)	2015 Ford F150 Crew Pickup 4WD
DFC Ops (Car 31)	2019 GMC 1500 Crew Pickup 4WD
DFC Admin (Car 32)	2015 Ford F150 Crew Pickup 4WD
DFC P/L (Car 33)	2015 Ford F150 Crew Pickup 4WD
Staff Officer (Car 34)	2009 Ford Flex
Mechanical Logistics 1 (Car 35)	2015 Ford F350 Crew Pickup 4WD
Mechanical Logistics 2 (Car 36)	2006 Ford F350 Pickup 4WD
Command 2 (Car 37)	2006 GMC Yukon 4WD
Fire Investigator's Van (Car 38)	2013 Nissan NV3500 Van
Training (Car 39)	2012 Ford Explorer SUV
Crew Transport Vehicle (Car 40)	2009 Ford E350 11 Passenger Van
Operations (Car 42)	2002 Ford E250 Cargo Van
Wildland Trailer	2003 Wells Cargo
Heavy Rescue Trailer	2003 Wells Cargo
Equipment Trailer	2016 Continental
Water Craft 2 (10 ft Inflatable)	2012 Zodiac
Emergency Command Vehicle	2004 ITB Utility Trailer
ECV Tow Unit (Car 45)	2008 Ford F550 4WD



### Fire Station No. 2 | 7578 Edmonds Street

Engine 2	2010 Spartan/Smeal
Ladder 2	2006 Spartan/Smeal 100 ft Platform
Hazmat 1	2003 Ford/ITB Van
Hazmat Trailer	2003 Wells Cargo

### Fire Station No. 3 | 6511 Marlborough Avenue

Engine 31	2010 Spartan/Smeal
Engine 32	2019 Spartan/Smeal
Ladder 3	2014 Spartan/Smeal 100 ft Platform

### Fire Station No. 4 | 2326 Duthie Avenue

Engine 4	2006 Spartan/Smeal CAFS
Watercraft (Car 41)	2001 Ford E250 Cargo Van
Boat Trailer	2008 Highliner
Water Craft 1 (14 ft Inflatable)	2008 Polaris

### Fire Station No. 5 | 4211 Hastings Street

Engine 5	2010 Spartan/Smeal
Ladder 5	2000 Spartan/Smeal 100 ft Ladder
Technical Rescue (Car 43)	1999 GMC 1-Ton Cube Van
CPR Van (Car 44)	1991 Chevrolet Van

### Fire Station No. 6 | 3620 Brighton Avenue

Engine 6	2010 Spartan/Smeal
Ladder 6	2006 Spartan/Smeal 100 ft Platform

### Fire Station No. 7 | 3151 Gilmore Diversion

Engine 7	2008 Spartan/Smeal
Emergency 1	2003 Ford/Hub 4WD CAFS
Emergency 2	1981 Chevrolet 4WD
Flatdeck Trailer	2005 20 ft Double A
Wildland UTV	2017 John Deere Gator 4WD
All-Terrain Vehicle	2005 Polaris Ranger 4WD



## TYPE OF INCIDENT RESPONSES 2020

Building Fire	256
Vehicle Fire	53
Accidental Alarm	884
False Alarm	801
Other Fires (Rubbish, Bush, Grass, etc.)	882
Public Service	1506
Motor Vehicle Incidents	952
Medical Emergencies	3,790
<b>Total</b>	<b>9,124</b>

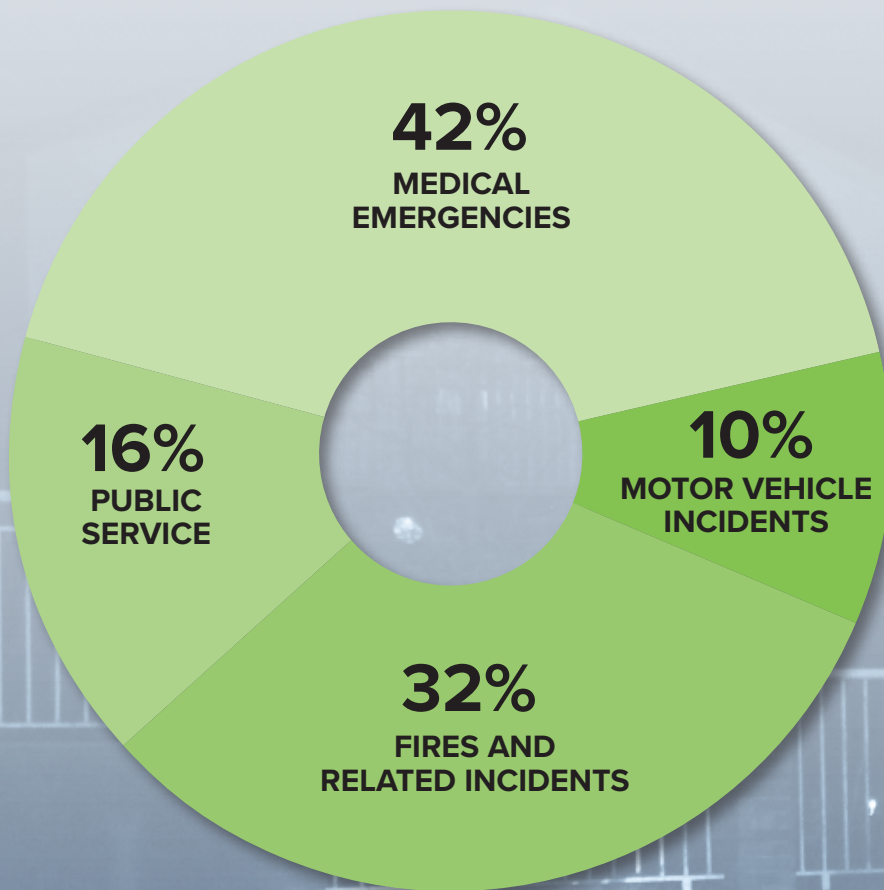
## ALARM RESPONSE COMPARISON 2018 – 2020

	2018	2019	2020
Fire	3,157	3,139	2,876
Public Service	1,567	1,595	1,506
Medical Emergency	7,401	6,890	3,790
Motor Vehicle Incidents	1,460	1,305	952
<b>Total</b>	<b>13,585</b>	<b>12,929</b>	<b>9,124</b>





## TOTAL INCIDENT RESPONSES BY TYPE



DECONTAMINATING AFTER A MEDICAL EMERGENCY (COURTESY OF RYAN STELTING)



## EXPENDITURES & REVENUES

### EXPENDITURES

Administration Division	\$1,994,085
Suppression Division	\$40,117,861
Mechanical Division	\$2,370,347
Training Division	\$813,968
Prevention Division	\$1,450,878

<b>TOTAL</b>	<b>\$46,747,138</b>
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### REVENUES

Request Building Inspection Service	(\$7,350)
Permits	
Fire Protection Systems	(\$180,343)
Combustible Liquid Tanks	(\$3,200)
Fire Safety Plan Reviews and Other Reports	(\$22,293)
Sundry Revenue	(\$30,600)
Mutual Aid Recovery	(\$0)
Fire Extinguisher Training	(\$0)
Assets & Discard Materials	(\$974)
Transfer from Stabilization Funding	(\$107,006)

<b>TOTAL</b>	<b>(\$351,766)</b>
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<b>NET EXPENDITURES</b>	<b>\$46,395,372</b>
<b>2020 POPULATION</b>	<b>253,430</b>
<b>(AS PROJECTED BY BC STATS)</b>	
<b>PER CAPITA COST</b>	<b>\$183</b>



HAZMAT (COURTESY OF RYAN STELTING, PHOTO TAKEN PRIOR TO PANDEMIC)



## SHIFT STAFF TRAINING HOURS

### ADMINISTRATIVE

Chief Training Officer	2,080
Assistant Chief Training Officer	2,080
Training Officer(s)	3,452

### DAY SHIFT TRAINING

293 days x 3 hours x 26 firefighters	22,854
57 days x 1.5 hours x 26 firefighters	2,223

(\*Note: modified training due to COVID-19 restrictions)

### NIGHT SHIFT TRAINING

350 days x 1.5 hours x 52 firefighters	27,300
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### SPECIALTY TRAINING

#### HAZMAT

7 firefighters x 46 sets x 6 hours per set x 4 shifts	7,728
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#### TECHNICAL RESCUE

7 firefighters x 46 sets x 6 hours per set x 4 shifts	7,728
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#### RESCUE TASK FORCE

7 firefighters x 46 sets x 6 hours per set x 4 shifts	7,728
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### DRIVER TRAINING

354 days x 2.5 hours x 4 firefighters	3,540
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### AIR BRAKE INSTRUCTOR

40 hours x 6 firefighters	240
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### RECRUIT TRAINING

30 recruits + 3 instructors, 40 hours x 9 weeks	11,800
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### FIRE OFFICER II

8 firefighters + 2 instructors x 40 hours Module 1	400
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8 firefighters + 4 instructors x 60 hours Module 2 (plus exams)	720
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### LIVE FIRE TRAINING (excluding recruits)

9 firefighters x 10 hours x 4 days	360
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### FIRE OFFICER INSTRUCTOR TRAINER

7 firefighters x 5 days x 8 hours	280
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2 instructors x 5 days x 8 hours	80
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### FIRST RESPONDER RECERTIFICATION

98 firefighters x 40 hours	3,920
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### ICS 200

10 firefighters + 1 instructor x 20 hours	220
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### INCIDENT SAFETY OFFICER

10 firefighters + 1 instructor x 20 hours	220
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### EMR INSTRUCTOR

16 firefighters x 8 hours x 5 sessions	640
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<b>TOTAL TRAINING HOURS</b>	<b>105,593</b>
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FIRST RESPONDER TRAINING



VEHICLE FIRE TRAINING



HAZMAT TRAINING  
(PHOTO TAKEN PRIOR TO PANDEMIC)



WATERCRAFT RESCUE TRAINING





MAYWOOD STREET FIRE



## PREVENTION DIVISION SUMMARY OF ACTIVITIES

### INSPECTIONS

Building Progress / Final Occupancy Inspection	422
Pre Final FPO Building Commercial	7
Building Progress	114
Business License	1,503
Care Facility	4
Daycare	18
Fire - Functional Test of Life Safety	83
Fire Incident Reviewed or Investigated	364
High-Rise Inspection	52
Low-Rise Inspection	158
Routine Inspection	67
Reinspections	349
School Inspection	11
Sprinkler License	235
Warehouse Inspections	53

**TOTAL 3440**

### PLAN CHECKING

Fire Safety Plans / PIPMS Complete	130
Construction / Sprinkler Plan Review	707
Alternative Solution Report	13

**TOTAL 850**

### PERMITS ISSUED

Burning	12
High / Low Hazard Fireworks	0
Storage Tank Installation (Commercial)	1
Storage Tank Installation (Residential)	0
Storage Tank Removal (Commercial)	3
Storage Tank Removal (Residential)	36

**TOTAL 52**

**TRAINING COURSES 2**

**PUBLIC EDUCATION 0**



FIRE INVESTIGATION (PHOTO TAKEN PRIOR TO PANDEMIC)



FIRE PREVENTION WEEK



VICTIM RESCUE (PHOTO TAKEN PRIOR TO PANDEMIC)

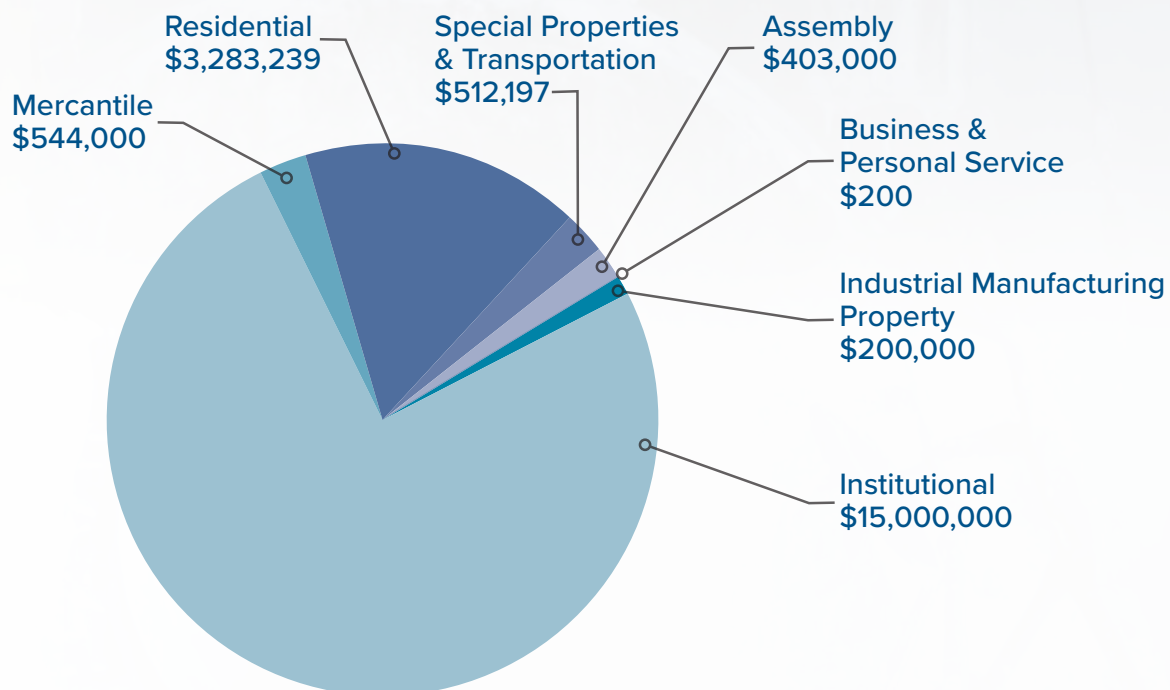
## MAJOR FIRES

DATE	PROPERTY CLASS	VALUE AT RISK	FIRE LOSS
May 20, 2020	Mercantile	\$1,384,000	\$544,000
October 20, 2020	Residential	\$16,200,000	\$1,040,000
November 15, 2020	Institutional	\$45,000,000	\$15,000,000

## FIRE LOSS BY CLASSIFICATION

CLASS	FIRES	VALUE AT RISK	FIRE LOSS
Assembly	4	\$6,250,000	\$403,000
Business & Personal Service	1	\$100,000	\$200
Industrial Manufacturing Property	1	\$66,100,000	\$200,000
Institutional	1	\$45,000,000	\$15,000,000
Mercantile	1	\$1,384,000	\$544,000
Residential	37	\$198,604,770	\$3,283,239
Special Properties & Transportation	21	\$4,659,998	\$512,197
Storage Properties	0	-	-
<b>TOTAL</b>	<b>66</b>	<b>\$322,098,768</b>	<b>\$19,942,636</b>

## TOTAL FIRE LOSS BY CLASSIFICATION







RIVERBEND VEHICLE FIRE



HOLDOM AVENUE FIRE (COURTESY OF RYAN STELTING)



BURNABY HOSPITAL FIRE (COURTESY OF RYAN STELTING)

## BURNABY FIREFIGHTERS' CHARITABLE SOCIETY

The Burnaby Firefighters Charitable Society is supported by over 300 dedicated Burnaby firefighters who raise money for community groups and non-profit organizations. Year after year, Burnaby's firefighters volunteer ample time to ensure that this Society remains successful. The constant dedication from a large portion of our membership is what makes this Charitable Society thrive and enables us to help so many people in and around Burnaby.

COVID-19 has been incredibly challenging for all, but even during a pandemic the Burnaby Firefighters Charitable Society remains dedicated to helping those in need. Throughout 2020, Burnaby firefighters have contributed nearly 7,000 hours across 50 initiatives. Many of these initiatives were aimed at helping those impacted by the pandemic. We are very fortunate to work with such a community-based, family focused team of community leaders, ensuring food security is at the forefront.

Twice per week, we deliver food donations from the Greater Vancouver Food Bank to various community support hubs throughout our city. The Society also piloted a new Community Care Package Initiative. Over 200 Firefighters accompanied by city officials and provincial and federal leaders, delivered more than 500 care packages to families throughout our community.

We know that protecting a community is not only about keeping lives and property safe, it is about helping the citizens of our community every day – people who have to deal with health problems, disabilities, poverty, abuse, hunger and so many other challenges. The Burnaby Firefighters Charitable raises funds to provide sizeable annual donations to more than 60 charitable and community organizations. Our focus is to support Burnaby-based charities, but we are fortunate to also have the opportunity to extend our support to other organizations needing assistance in the lower mainland.

### CHARITABLE HIGHLIGHTS

- » \$50,000 Burnaby Hospital Foundation Gala
- » \$25,000 Burnaby Hospital Gala Presenting Sponsor
- » \$35,000 Royal Columbian Hospital Foundation
- » \$25,000 Burnaby Hospital to help secure PPE
- » Bursaries:
  - \$2,000 Stride Elementary
  - \$2,000 Edmonds Community School
  - \$2,000 Windsor Elementary
  - \$6,000 Byrne Creek Secondary
  - \$1,000 Walnut Grove Secondary - Tyson Smith Bursary
  - \$2,000 Gilmore Community School
- » Annual Christmas Toy Drive supporting the Burnaby Christmas Bureau
- » \$10,000 PALS Autism Society
- » \$10,000 CKNW Kids Fund
- » \$10,000 Harmony for All, Musical Instruments to Burnaby Children
- » \$5,000 Michael Cuccione Foundation
- » \$5,000 Burnaby KidSport
- » \$5,000 Down Syndrome Society
- » \$5,000 BC Cancer Foundation
- » \$5,000 Michael J. Fox Theatre
- » \$5,000 Meals for Veterans
- » \$15,000 BC Lung Association Stair Climb (top fundraising team)
- » \$10,000 Variety Show of Hearts Telethon
- » \$60,000 BC Firefighters Burn Fund
- » \$65,000 Nutritious Snack Food Program

We have also maintained our commitment to the students of over 40 Burnaby schools through our Snack Food Program. This program helps ensure all children can remain focused and nourished during their school days. The society also put on numerous BBQ's for the homeless in order to support those most in need.





VANCOUVER FOOD BANK DONATION



IAFF323 PRESENTING DONATION TO DSRF CANADA



UNION MEMBERS PUTTING TOGETHER CARE PACKAGES FOR FAMILIES AFFECTED BY COVID-19



