

## **CSES Overview**

Campus Safety & Emergency Services (CSES) are values driven services, focusing on collaborative, community-centric, problemsolving approaches to create, maintain and support an environment of safety, security and well-being for students, faculty, staff and visitors at Western.

CSES consists of the following Units:

- Western Special Constable Services (WSCS);
- Emergency Management & Continuity of Operations (EM);
- Fire Safety (FS);
- Foot Patrol (FP); and,
- Building Access Control (BAC).

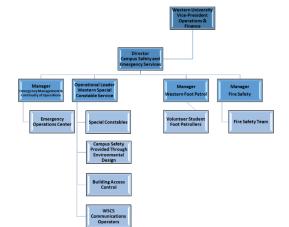
# Western Special Constable Service



The Western Special Constable Service (WSCS) provides proactive patrol, community-based services and response to calls for service on the properties of Western University as well as Huron University College and King's University College.

The WSCS Operations Leader, JC Aubin, is responsible for the administration, management, supervision and leadership of all WSCS operations. The WSCS consists of Patrol Operation and Community Services.

The WSCS provides safety & security for our campus community 24/7 with four (4) Special Constable Patrol Sections, each consisting of two Sergeants, three Special Constables, and one Communications Operator (dispatcher).



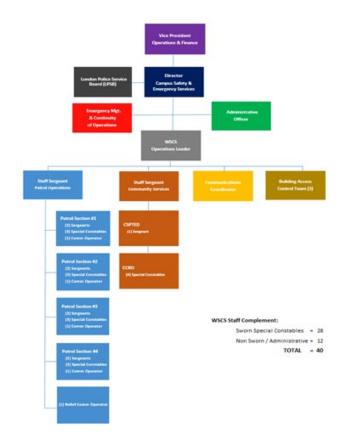


Western Special Constables are granted specific public safety and law-enforcement authorities under the Ontario Community Safety and Policing Act, 2019 and are appointed Special Constable status by the London Police Services Board (LPSB).

The authority for the provision of special constable services on the property of Western University (and affiliate University Colleges) is granted to WSCS Special Constables through a Memorandum of Agreement (MoA) between the London Police Service Board (LPSB) and Western University.

In April, 2024, new Ontario Regulations under the Community Safety and Policing Act (CSPA), 2019, came into effect. The new Regulations specify authorities that the LPSB may grant WSCS Special Constables and further require that Western University be designated as a Special Constables Employer by the Ministry of the Solicitor General in order for the LPSB to appoint Special Constables.

The overall complement of the WSCS is forty (40) members, consisting of 28 appointed Special Constables and 12 non-appointed / administrative staff.





## **WSCS** Patrol Operations

The Patrol Operations Staff Sergeant, Amanda Pfeffer, is responsible for the administration, management, supervision and leadership of the 4 Patrol Sections.

**Table 1** identifies the activities of the WSCS inrelation to calls for service in 2024.

Calls for Service (CAD)	7,425
Occurrence Reports	2,658
Criminal Charges Laid	12
Possession of Break-in	4
Instruments	
Assault	2
Criminal Harassment	1
Utter Threats	1
Break and Enter – Dwelling	1
Theft Under	1
Bail Violations	1
Impaired Driving	1
Provincial Offence Charges	10
Trespass to Property Act	6
Liquor License Act	2
Highway Traffic Act	2
Mental Health Occurrences	34
Involving Apprehensions	15
Use of Force Reports	0
Complaints Against Service	8

TABLE 1

**Table 2** identifies total calls for service as wellas the twelve most frequent call for servicetypes. The WSCS responded to a total of 7,425calls for service during 2024.

Of particular note is the number of protest / demonstrations (114) that WSCS was required to respond and dedicate resources to during 2024. This includes the encampment protest that took place on the University Community Centre "concrete beach" area between May 8<sup>th</sup> and July 1<sup>st</sup>, 2024.

#### TABLE 2

Top 12 Call for Service Responses	2024
	2024
Total Calls for Service	7,425
Top 12 Responses	
Assistance	2,000
Trades Call-Ins	739
Suspicious Persons, Vehicles or	488
Activities	
Lost and Found Property	484
Investigations	391
Intrusion Alarm	338
Responses/Investigations	
Insecurities	259
Community Services	232
Traffic	158
Fire Responses	117
Protests/Demonstrations/Strikes/	114
Pickets	
Trouble with Persons	109



#### **Campus Safety & Emergency Services**

**Table 3** Reports the number of criminal coderelated occurrences investigated by SpecialConstables, which rose from 281 during 2023 to391 in 2024, a 39% increase.

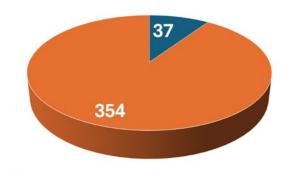
This increase was primarily the result of a substantial increase of Mischief (property damage) incidents, which increased by 110% (from 63 to 132), but there were also increases in other property offences (theft and fraud) as well as offences against persons (assault, sexual assault, threats, harassment, robbery and extortion).

#### TABLE 3

	2021	2022	2023	2024
Criminal				
Investigation	187	253	281	391
Theft/Attempt	107	159	167	187
Thefts				
Property	35	47	63	132
Damage				
Fraud	5	4	9	19
Harassment	5	3	5	19
Assault	3	5	9	11
Break and Enter	10	20	7	4
Possession	0	0	0	4
House Breaking				
Tools				
Arson	0	1	3	3
Threats	4	2	2	3
Extortion	0	0	3	2
Sexual Assault	6	1	2	2
Possession	6	2	1	0
Stolen Property				
Robbery	0	0	1	0
Other	0	1	9	5

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In regards to the nature of criminal investigations by WSCS, 91% (354 of 391) of all criminal investigations were property related with 9% (37 of 391) involving offences against persons.



Offences Against Persons Property & Other Offences

**Table 4** reports the total provincial offences,municipal by-law, and Mental Health incidentsinvestigated by the WSCS.

**Table 4** identifies a 32% increase in MunicipalBy-law matters which were mostly the result ofnoise complaints. It should be noted thatnumerous noise complaints were filed byneighbours during Orientation Week 2024 as aresult of the Main Stage festivities along HuronDrive.

There was a slight decrease in Trespass to Property Act matters compared to 2023 however the totals remain much higher than pre-2023 incidents.



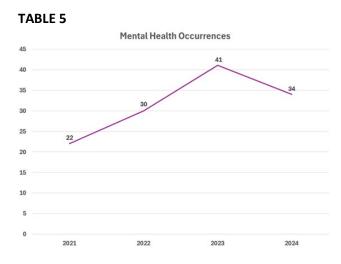
#### TABLE 4

	2021	2022	2023	2024
Provincial Statutes	128	103	153	155
and				
Municipal By-law				
Trespass to Property	55	42	87	82
Act				
Mental Health	22	30	41	34
Municipal By-law	48	23	22	29
Liquor License Act	1	2	2	7
Provincial Statutes -	0	0	2	3
Other				

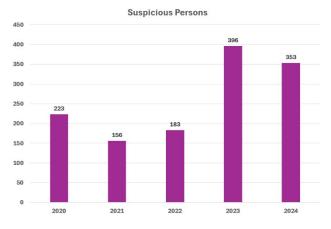
**Table 6** reports the number of WSCSinvestigations involving suspicious persons, with353 in 2024. This data is consistent with thepatterns identified within the Trespass toProperty Act data with a decrease of 11%compared to 2023 and totals that remainsignificantly higher than pre-2023 incidents.

Suspicious person incidents continue to be primarily related to issues in the broader community regarding unsheltered individuals, and these individuals making their way on to campus.

**Table 5** identifies a 17% decrease in MentalHealth occurrences responded to by the WSCS.

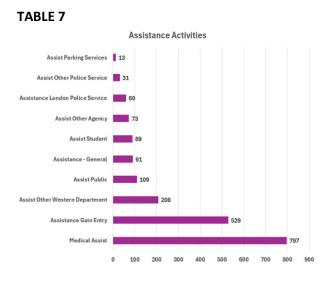


#### TABLE 6



**Table 7** identifies assistance activities SpecialConstables provided to the Universitycommunity. The were a total of 2,000 assistanceactivities with 66% involving medical or gainentry assistance.





#### **CAMPUS ROADWAY SAFETY**

Western's main campus is trisected east, west and north by approximately 14 kilometers of publicly accessible roadways. The roadways on our campus are indiscernible from municipal roadways and include lane markings, traffic lights, stop signs, and a posted speed limit of 30km per hour. WSCS Special Constables are authorized to enforce the provisions of the Highway Traffic Act on Campus roadways.

Previous traffic surveys determined more that 12,000 vehicles entered Western campus roadways on a daily basis. It is currently estimated between 15,000 – 20,000 vehicles per day enter Western campus roadways.

More than 50% of the vehicular traffic on campus results from the general public using campus roadways as a "cut-through" east and west between the two major municipal roadways of Western Rd. on the west side of campus and Richmond St. on the east side of campus.

In addition, our campus roadways are frequently accessed by members of the general public and Paramedic/Ambulance services attending the London Health Sciences Centre hospital located adjacent to Western University property on the north side of our campus.

The London Transit Commission (LTC) also significantly utilizes Western campus roadways with approximately 45 LTC buses on campus roadways per hour during peak service periods.

Traffic safety (both motor vehicle and pedestrian) is a critically important issue to the Senior Administration, WSCS, and our entire campus community.

Numerous measures have been taken to enhance traffic safety on campus including barriers to protect pedestrians along higher risk walkways, traffic calming measures such as speed bumps and stop signs, and education initiatives including use of the Speed Watch program.

Traffic safety initiatives and traffic enforcement conducted by the WSCS are critical components of our campus roadways safety strategy and ensuring we are doing our utmost to provide for the safety of our campus.

## **WSCS Community Services**

Staff Sergeant Kim Reynolds is responsible for administration, management, supervision and leadership of WSCS community services including the Campus Community Resource Officer (CCRO) program, the Campus Safety Provided Through Environmental Design (CSPTED) program, and is the WSCS liaison on



a number of safety and well-being committees including Behaviour Intervention and Threat Assessment, GBSV, and Student Code of Conduct.

#### **GENDER-BASED & SEXUAL VIOLENCE**

WSCS is an important partner in Western's response to Gender Based and Sexual Violence (GGBSV) that includes education, prevention and trauma informed response. WSCS is a designated safe & supportive location for individuals wanting to disclose GBSV incidents.

WSCS Supervisors respond to disclosures of GBSV with oversight provided by the Community Services Staff Sergeant. The Community Services Staff Sergeant possesses the prerequisite knowledge, skills, and abilities related to GBSV to ensure an appropriate response occurs.

The Community Services Staff Sergeant will liaise with the survivor, Western support services, and the London Police Service to ensure the survivor is fully informed of all available community resources and supports.

Where the victim/survivor requests formal police involvement, in compliance with provincial guidelines, the London Police Service or the police service of jurisdiction, if the incident took place outside of London, assumes responsibility for the investigation.

The Community Services Staff Sergeant is a member of the Western Safety & Well-being Gender Based & Sexual Violence (GBSV) Review Team thereby ensuring a collaborative and supportive response to survivors of GBSV.

The Community Services Staff Sergeant is also involved with Western prevention and safety

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initiatives, such as the Gender-Based & Sexual Violence Action Committee (AC-GBSV).

WSCS members participate in ongoing GBSV training as it relates to a trauma informed approach, dating/domestic violence, harassment, informed consent, and sexual violence.

#### SAFETY PRESENTATIONS

Although very unlikely to occur, individuals must proactively consider their own personal safety and be psychologically prepared if a serious personal safety situation arises.

This proactive approach is an important and effective strategy towards ensuring safety on campus.

The WSCS provides safety presentations across campus to our diverse community of students, faculty and staff.

Safety presentations focus on the importance of mental preparedness, situational awareness, and effective de-escalation techniques in a variety of crisis situations.

In 2024 the Campus Safety presentation was provided 48 times to 30 different campus groups.

### CAMPUS COMMUNITY RESOURCE OFFICER (CCRO) PROGRAM

The Campus Community Resource Officer Unit is comprised of 4 Special Constables who dedicate their time to building, fostering and strengthening positive community relationships. Students and other community members have come to know the individual CCRO team members by name and often reach out with questions, requests for support and



#### **Campus Safety & Emergency Services**

invitations to events. The CCRO Team regularly receive messages of appreciation for the value they bring to the university.

An initiative that has become a student favourite is a 'Constables & Colouring' event. The CCRO's place large adult colouring pages in the residences to help students de-stress during exam time and for those that cannot get home during the holidays. A 'Constables & Colouring' event was also held for the children of Western's families living at Platt's Lane Estates. This allowed the children, many from international locations, to come to know members of the Western Special Constable Service and know that they are their friends. The appreciation shown for these events has been tremendous.

#### **Constables & Colouring**



The CCRO's had a very successful 2024-2025 school year that included highlights like the implementation of a 'WSCS Safety Tip of the Month' broadcast on Radio Western reminding students on how to stay safe in all aspects of their time at Western.

Additionally, the CCRO 'Walk & Talk' times have allowed team members to meet randomly with students and staff throughout the campus to

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discuss specific topics such as bicycle safety but also have casual conversations that lead to great campus community connections.

#### **CCRO Lee Butler at BSA Event**



WSCS members at NTR Day Event





Community safety, support and connection is what the CCRO Team strives to achieve with all Western students, staff, faculty and guests. In building productive campus connections, the CCRO team has established excellent working relationships with campus partners such as Housing and Ancillary Services, Student Experience, Western International, the Office of Indigenous Initiatives and the Office of Equity, Diversity and Inclusion.

#### **CCRO Lee Butler at ISA Powwow**



#### WOMEN'S SELF DEFENCE

The Women's Self Defence (WSD) Clinic is a free, empowering, 12-hour course offered to female and non-binary Western students, staff, faculty, alumni, and their guests. In 2024, WSCS initiated a collaborative partnership with Western's GBSV Education Team, Campus Recreation and Discovery Park to improve upon the delivery and effectiveness of this worthwhile training program.

The WSD Clinic is a proven method that teaches participants how to take an active role in their own self-defence and psychological well-being by providing realistic self-defence tactics and

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techniques. WSD is comprehensive self-defence course that teaches awareness, prevention, risk reduction and avoidance before progressing on to the basics of hands-on defense training. The self-defence tactics are easy to learn, easy to retain and easy to employ. Simulation training exercises are included at the end, which provides each participant the option to practice what they have learned.

#### The Women's Self Defence Clinic

#### CAMPUS SAFETY PROVIDED THROUGH **ENVIRONMENTAL DESIGN (CSPTED)**

**Campus Safety Provided Through** Environmental Design (CSPTED) has been successfully applied on Western's campus since 2006. There is a significant and ongoing demand CSPTED service with the continuing development of new buildings and spaces on campus as well as the need for ongoing safety and security audits and updates of existing buildings and spaces.



CSPTED assessments are conducted by the WSCS CSPTED Sergeant. CSPTED assessment consider how the physical environment of a building, office or other space can be altered to improve and promote safety and security.

CSPTED assessments provide strategies to mitigate safety and security risk by identifying vulnerabilities and insecurities related to the physical aspects of a location and making recommendations related to enhancing safety and security.

Typically, CSPTED assessments are conducted for buildings under construction / renovation and other locations throughout campus such as an office, study area or work area that has been identified as high risk, has some safety/security vulnerabilities, has been subjected to unauthorized activity, or where a person may feel unsafe.

CSPTED assessments are also completed for exterior walkways, roadways, parking lots and areas where the community may congregate as well as isolated spaces where an increased safety risks may exist.

CSPTED recommendations may include: security of perimeter access points; lighting; targethardening; improve lock hardware; install access control systems; alarm monitoring and response protocols; improving lines of sight and natural surveillance opportunities; increasing security patrols; and, installation of CCTV video monitoring and recording technology.

When implemented, CSPTED recommendations have been proven to enhance safety and security; mitigate unwanted and illegal . . . . . . .

behaviour; and provide an enhanced sense of safety and security for our campus community.

### VIDEO MONITORING & RECORDING TECHNOLOGY

The CSPTED Sergeant is responsible for the overall management of the Video Monitoring and Recording Technology (VMRT) utilized by the WSCS.

The CCTV cameras and VMRT have proven successful in deterring unauthorized activity, improving safety and security, and supporting investigations.

CCTV cameras and VMRT are utilized on campus in strict accordance with Western's Video Monitoring and Recording Policy. Accessing and viewing video records is strictly controlled and video records are destroyed after a 30-day retention period (unless retention of the video record is required for a specific, authorized, purpose) in accordance with Western's Video Monitoring and Recording Policy and the Freedom of Information and Protection of Privacy Act (FIPPA).

**Table 8** identifies 2023 and 2024 communityservice activities Special Constables providedcommunity members. There was an annualincrease of 72 (45% increase) during 2024 whichis attributed to the creation CampusCommunity Resource Officer (CCRO) program.The work of these four Special Constablesincluded community presentations, liaison andgolf cart training.



#### TABLE 8

Community Services	2023	2024
Total	160	232
CCRO Event	0	117
CSPTED	70	51
Presentations	23	31
Community Services - General	37	18
Event Liaison	13	7
Golf Cart Training	8	5
Women's Self Defence Training	9	3

## **Building Access Control**

#### **BUILDING SECURITY**

BAC is responsible for providing and managing card access for approximately 73 buildings and approximately 392 alarm systems, including high-risk locations, campus wide.

#### **BUILDING ACCESS CONTROL SUPPORT**

BAC is a resource to support the card access administrators throughout campus (Departments and Faculties) to ensure required user access is provided, buildings lock and unlock on master schedules, as well as provide for unique classroom-booking automated unlocking and locking.

During 2024, BAC responded to over 12,400 emails, sent to the card access email account (Not including emails and phone calls sent directly to the members of BAC).

The requests for support include hardware / system service; user access (often for 100 or more users) additions, deletions, or changes; and, automated unlock / lock schedule additions, deletions or changes.

#### **BAC SERVICE CALLS**

In 2024 BAC logged 321 calls for service, Service Calls (card access and alarms) ranging from equipment and hardware failure to battery changes.

BAC also supported several small projects, supporting FM project managers with renovation/construction projects,

### NEW AFx ENTERPRISE ICT (card-reader) SYSTEM

During 2024 Western continued with a major conversion project to update and enhance the building card access system.

The new Schmeichl Building for Entrepreneurship and Innovation was added to the ICT system with 3M/Sommerville converted during the summer, and the Child and Youth Development Centre converted in November. Card access conversion is in progress for the Labatt Health Sciences Building, and, BAC also migrated the entire Brescia campus to the Western card access system, including the Claire Hall residence.

## **Emergency Management & Continuity of Operations (EM)**

Throughout 2024 EM successfully completed several projects while focusing on life safety of students, faculty, staff, and visitors on campus in addition to monitoring threats to infrastructure and environment.

#### ALERT WESTERNU

In July of 2024 OnSolve *MIR3* service was upgraded to the more comprehensive OnSolve *Platform* service. *Platform* provides greater



speed and efficiency in mass notification delivery and an elevated level of administrative support including ease of Initiator use.

#### **EMERGENCY MANAGEMENT**

The Western Hazard Identification Risk Assessment (HIRA) was updated in collaboration with the City of London -Emergency Management Division. An increase in the frequency of severe weather incidents throughout the year is being realized. As a result, several plans including Flood Response Plan, Severe Winter, and Severe Spring -Summer - Fall plans have been updated.

#### SEVERE WEATHER EVENTS

In 2024 the impacts of climate change were witnessed. A total of 141 warnings or watches received from Environment & Climate Change Canada and Upper Thames River Conservation Authority were monitored including:

Incident Type	Number
Severe Thunderstorm	24
Snow	24
Flooding	21
Rain	20
Fog	18
Freezing Rain	8
Extreme Heat	8
Air Quality	6
High Wind	6
Extreme Cold	4
Funnel Cloud / Tornado Watch	2
Total	141

## Campus Safety & Emergency Services 2025 Annual Report

Western EM assisted in the design and facilitation of both King's University College and Huron University College active assailant tabletop exercises. EM also worked with the City of London in preparation and execution of the 2024 Ontario Summer Games response plan.

#### **Ontario Summer Games**



Through the summer and into September the Emergency Manager provided support to several departments in planning, preparing for, and executing Orientation Week (2024). This included staffing the CSES Mobile Operations Centre (MOC) trailer educating students on Alert WesternU and supporting WSCS and Western Student Experience.

#### MOC trailer – Orientation week 2024







#### **Emergency Operations Center**



#### CONTINUITY of OPERATIONS & RISK MANAGEMENT

The EM assisted in Continuity of Operations activities including the PSAC Strike by supporting Office of the Registrar by Proctoring over 45 exams and leading the Outside Greeting team at both 2024 Spring and Fall Convocations.

#### **EMERGENCY OPERATIONS CENTER**

Emergency Management worked with the City of London Emergency Operations Centre (EOC) providing support and opening the CSES Boardroom in-person and virtually as an Emergency Coordination Centre (ECC) for St. Patrick's Day in March, Unsanctioned (Broughdale) Street Party in September, and various protests and demonstrations that took place on campus.

#### WESTERN AED PROGRAM

With Ontario Bill 141 (Defibrillator Registration & Public Access Act 2020) which imposes certain requirements respecting installation, maintenance, testing, and availability of automated external defibrillators on premises such as Western in mind EM led a group of student volunteers in the mapping and identification of AED locations on campus over spring and summer of 2024. A total of 54 devices in various states of readiness were found.

All AED devices on campus have been loaded into the Pulse Point App used by Middlesex London Paramedic Service (MLPS)

### PulsePoint AED Locator PulsePoint

- Cardiac arrests can happen anywhere on or off campus
- Having an Automated External Defibrillator (AED) available can help save lives in an emergency
- PulsePoint AED is a simple mobile app locating the closest AED to you
- The app shows the location on a map and has a picture and description to help you locate the AED
- Program is led by Campus Safety & Emergency Services and supported by student volunteers

Western 😽





### October 2024 student volunteers completed a 3-day CPR / AED Trainer certification to educate students, faculty, and staff while working with Western SERT and EMS.



AED mapping data was uploaded into the *Ready for Action* tracking tool to assist with monitoring best before dates of devices, batteries, and pads to source replacements before they expire. Cabinet decals are being applied to increase awareness of available support.

#### **AED Cabinet decal**



### Foot Patrol



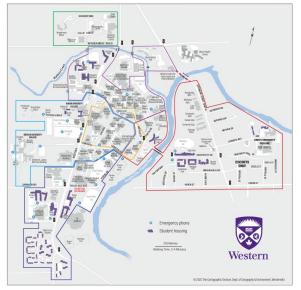
Western Foot Patrol (FP) is a student volunteerbased service, supervised by a full-time manager. This team of volunteers provide safe campus escorts, both on foot and by vehicle, wear high visibility vests to deter crime, and promote safety awareness across the main and affiliate college campuses.

In addition to Foot Patrol escorts, the team also completes emergency blue phone and monthly exterior light audits. These services assist in reducing crime and enhancing campus safety. Foot Patrol also operates Western's main Lost & Found, handling hundreds of requests each year. Only items of value are managed by WSCS.





#### **Campus Foot Patrol – Patrol Areas**



Program videos, highlighting services and volunteering, can be found at: https://youtu.be/cdyBFboQJHU

## Fire Safety (FS)

#### Fire Safety (FS)

FS provides expertise in fire safety and fire prevention to ensure safety, security, and quality of life for the Western Community. FS members are responsible for the testing, inspection, and maintenance of fire and life safety equipment such as: fire alarms, sprinklers, standpipes, kitchen suppression systems and fire extinguishers. Fire Safety is responsible for the testing and inspection of 84 Fire Alarm Systems, 21,383 Fire Alarm Devices, 65 Sprinkler Systems, 10 Pre-acting Suppression Systems, 27 Kitchen Suppression Systems, and 4,299 Fire Extinguishers.

## Campus Safety & Emergency Services 2025 Annual Report

FS members also provide education and training to faculty, staff and students. FS Personnel are

accredited through the National Fire Protection Association and technicians are certified through the Canadian Fire Alarm Association.



Throughout 2024.

FS continued to build on the concept of creating and maintaining strong collaborative working relationships with Western colleagues and external partners as the foundation for our team dynamic.

Stability and a strong team dynamic allows FS to direct our focus on process streamlining and system improvements leading to workflow efficiencies. Having a very capable level of inhouse expertise in all areas of Fire & Life Safety, our team was able to navigate and adapt to the various challenges presented in 2024 to ensure that Western is meeting all legislative obligations and safeguarding the campus community.

#### Fire Alarms

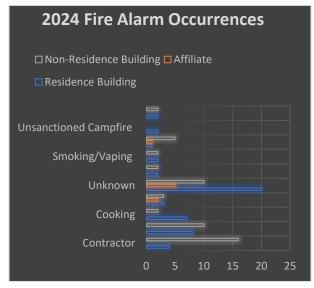
2024 data the fire alarm occurrences were little changed from 2023 and just below the five-year average of 112.4 per year.

#### Annual number of fire alarms

	2020	2021	2022	2023	2024
Total Actual Fires	2	4	6	4	4
Total FA Occurrences	97	114	131	109	111



#### 2024 Fire Alarm Occurrences



Of the actual fire occurrences, the total for 2024 remained static at four total occurrences. All 4 occurrences were minor in nature were appropriately extinguished and no injuries were reported.

In 2024 there was another significant decline in malicious FA occurrences when compared with 2023 and previous years. In 2024 there were just 3 malicious occurrences down from 6 in 2023 and 13 in 2022. In addition, the Residence cooking related FA occurrences were cut in half to just 7 occurrences from 15 in 2023.

FS continues to actively work with our Western colleagues and the LFD on the implementation of fire safety and prevention initiatives to mitigate fires and false alarms to keep our community safe.

#### Fire Alarm System Upgrades & Enhancements

In 2023 FS was made aware of various fire alarm system hardware end-of-life updates from our two main fire alarm system manufacturers on campus Johnson Controls JCI and Chubb. In 2024 we began upgrading identified JCI systems at Lambton Hall, Bayfield Hall, Support Services Building and Talbot College. We will continue upgrading systems over a ~10 year period until all systems are upgraded to the new equipment.

Βv leveraging the modern technology established in all head-end control panels and our strong internal expertise and capabilities, FS has continued to customize fire alarm system functions to address operational issues and improve efficiencies. Together these large number of small improvements continue to reduce testing/maintenance time and improve overall system performance while simultaneously allowing the focus of resources to other areas of need. Perhaps most importantly these enhancements improve the response time to emergencies for our first responders.

#### **Fire Protection**

In collaboration with FDE, FS has established a budget and scope of work for a new initiative relating to the wholesale upgrade of in-building fire hoses and associated valve testing at various campus locations. This will be a multi-year project. In 2024 data collection was completed after which we compiled and created an up-todate inventory of all fire hoses on campus. Western has many buildings still outfitted with vintage 1985 fire hoses that we will begin replacing in summer of 2025. The goal will be to bring our stock of in-use fire hoses to 30 years of age or newer then maintain that 30 year expiry moving forward matching industry standards.





Other highlights from this area of responsibility include multiple deficiency repairs and sprinkler system enhancements. Two failing water flow devices were identified during inspection which were subsequently replaced, in addition there were a number of deficiencies identified in the

Student Rec Centre including dozens of corroded sprinkler heads among other things. We have noticed a significant drop off in terms of deficiencies and failed components on our sprinkler/standpipe systems through 2023 which we believe points to the increased level of attention our fire protection systems are receiving since the hiring of Ray Leach our Fire Protection Coordinator in early 2019.

# Hazardous Materials & Emergency Response (HazMat) Team

Western's HazMat Team is comprised of one full time leader and ~16 volunteer members with various backgrounds, expertise, and competencies related to the areas of chemical, biological, radiological, nuclear, confined space, and mechanical/electrical hazards. The team has a large inventory of related equipment and resources available to support research and operations on campus in case of an emergency. Services provided by Western's HazMat Team on campus include:

- 24 x 7 x 365 hazardous materials emergency response
- Spill assessment and remediation.
- Air quality and natural gas odors assessment and remediation.
- Confined space emergency response and support.



