

ANNUAL REPORT ON HEALTH AND SAFETY

2009

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Appendix I York University Occupational Health and Safety Policy

1. Introduction

Under the Occupational Health and Safety Act and the University Occupational Health and Safety Policy, the University is committed to provide and maintain a healthy and safe workplace by adhering to all relevant health and safety legislation. To ensure that the University meets its obligations, the Board of Governors, through a designated Committee (Governance and Human Resources Committee), annually reviews the Occupational Health and Safety Policy, evaluates performance indicators of key areas and approves annual health and safety goals and objectives.

This report summarizes the health and safety activities undertaken at York University in 2009 and indicates the level of compliance with requirements of the applicable health and safety legislation. The report contains health and safety indicators that are quantitative measures of the University's performance. It also includes a report on achievements of goals and objectives set for the 2009 year, as well as the proposed goals and objectives for 2010. The Department of Occupational Health and Safety (DOHS) has prepared this report for review by the Governance and Human Resources Committee.

2. Highlights of the 2009 Year

• Major Health and Safety Issues/Program Developments in 2009

• Workplace Safety and Insurance Board's (WSIB's) -Ontario University Safety Group Program

The Ontario University Safety Group Program (in which York was a participant among 15 other Ontario universities) ended in 2009. The University Safety Group received an average score of 100% for achievements in 2008 in which York was one of the two universities being spot checked for accomplishing its safety objectives. York's rebate (following a distribution model agreed by all universities) amounted to \$43,000 in 2009 based on 2008 group achievements.

Dedicated, Full-time (1-yr contract) Facilities Safety Officer in Campus Services and Business Operation

A full-time 1-year contract Facilities Safety Officer was hired in May 2009 to focus on injury prevention of high risk areas in Campus Services and Business Operation. The officer is to strengthen compliance related to work activities such as use of machineries, electrical tools and equipment, working on heights, use of lifting devices etc. The officer provides OHS expertise in the development of hazard control programs and procedures.

• Response to Novel Influenza (H1N1)

Since March 2009 when a novel influenza A (H1N1) started to cause illness in Mexico and when the World Health Organization (WHO) raised the worldwide pandemic alert level to Phase 6 (a reflection of the spread of the new H1N1 virus, not the severity of illness caused by the virus) in June 11, 2009, the University's Influenza Pandemic Planning Committee (formed in 2005, in anticipation of the worldwide pandemic influenza) was actively involved in developing communication strategies to the York Community on disease awareness and university preparedness. The Committee developed and implemented procedures for reporting illness and responding to ill students in residence etc.; stock piled personal protective equipment (PPE); installed hand sanitizers throughout academic and residential buildings and in all service offices; trained custodial, security, housing and other staff on disease prevention and use of personal protective equipment, and arranging for H1N1 flu vaccination clinics on campus.

Ministry of Labour (MOL) Visits (see Annual Indicator in Section 3 for detail)

There were four visits by the Ministry in 2009. Three visits involved the investigation of complaints from employees and one visit involved an investigation of a work refusal. No orders were received by the university as a result of the visits and the inspector recognized that the university has procedures in place to address and resolve health and safety issues following the Internal Responsibility System.

• Workplace Accident Statistics and Costs (see Annual Indicator 1 in Section 6)

There was no critical injury to York employees in 2009.

There were 40 lost time accident cases which occurred in 2009 relative to 42 during 2008.

Forty-five percent of the lost time accidents which occurred in 2009 involved musculoskeletal disorders (MSDs) caused by repetitive motion, overexertion, sprains and strains. This is similar to the level (45.5%) for Ontario Universities between 2001-mid 2009 (data provided by the Education Safety Association of Ontario). The number of accidents caused by lifting (3) had reduced by 50% compared to last year, but the number of slips, trips or falls (16) had increased by 40% compared to 2008 as significant snow accumulation for parts of January and February 2009 caused an increase to people falling on ice. In addition, during the labour strike in January, employees were required to walk through wet parking lots and walkways to take the bus (buses did not enter the campus during the strike) and therefore an increase in slips and falls accidents was experienced.

The total days lost in 2009 from accidents which occurred in 2009 (411 days) was similar to previous years and significantly lower compared to the 1021 days lost in 2008 from accidents which occurred in 2008. The high number of these days lost in 2008 had been mainly due to three RSIs to the back accounting for 46% of the total days lost.

In 2009, in order to reduce the number of days lost from 2008, the DOHS and the Employee Well-being Office (in the Department of Human Resources & Employee Relations) stepped up their musculoskeletal injury prevention and return to work programs specifically in the area of Grounds, Fleet and Waste Management.

In 2009, the University was assessed a surcharge of \$175,847.32 by the WSIB. This is the New Experimental Experience Rating (NEER) assessment that applies to 2006, 2007 and 2008 case management performances. The surcharge was mainly the result of extended days lost from lost time claims (knee and lower back injuries) in 2008.

Comparison to other Ontario Universities and Industries

Based on the September 2009 NEER statement from WSIB, York's performance index (P.I.) for 2009 was 1.39. The P.I. is calculated by the WSIB and includes lost days for accidents that occurred during the year and that occurred in previous years. A performance index of less than 1.0 indicates potential rebate and a better than average performance. In 2009, there were 8 Ontario universities (out of 16 universities), including York, that have performance indexes greater than 1.

York's average days lost per claim in 2009 was 10.3 days per claim. WSIB data indicates that the average days lost per claim for all industries ranged from 13.5-14.3 days in the last 5 years. In 2009, York's average days lost per claim (10.3) was below the Ontario industrial average.

In 2009, the Lost Time Injuries (LTI) frequency -- i.e. the number of lost time claims per 100 workers -- was 0.57 for York and 0.39 for our rate group (consisting of universities, museums, libraries and schools). This means that York's LTI frequency rate is slightly above the rate group. The LTI frequency is calculated based on 2009 accident claims only.

3. Achievements in 2009 in Relation to 2009 Goals and Objectives

2008 OBJECTIVES	ACHIEVEMENTS
 General: To achieve compliance and/or specified targets in respect of key health and safety performance indicators as outlined. 	
 Specific: 1.1 Attain the Lost Time Injury (LTI) per 100 workers below the LTI for the rate group (i.e. educational facilities). The average LTI for the last five years 	1.1 Not attained. The LTI frequency in 2009 was 0.57 which was above the LTI of 0.39 for the rate group (educational facilities).
 (2004-2008) is O.47. 1.2 Continue to monitor that the number of JHSC meetings is in 100% compliance with the OHS Act. Monitor workplace inspections to ensure that workplaces in the University are inspected. 1.3 Continue to maintain 100% compliance with 	 1.2 Attained substantially for the number of JHSC meetings. For workplace inspection, while most JHSCs have conducted workplace inspections, one JHSC and a health and safety representative did not perform inspection due to turnover of members and training of new members. 1.3 Attained.
direction received from government agencies.1.4 Continue to provide education and awareness on	1.4 Attained.
 legislatively required training. 1.5 Continue to provide complete responses to all interventions. 1.6 Continue to maintain 100% compliance with statutory testing. 	 1.5 DOHS provided and coordinated legislatively required training for supervisors and employees. It is the responsibility of front line managers to ensure that employees attend the required training. 1.6 Attained.
 General: Meet legislative requirements by ensuring the development and distribution of written Health and Safety programs and procedures to affected community members and conducting reviews of existing programs every two years. Specific: Review Ladder Safety, Hepatitis A and B, Working Alone, Hearing Conservation, Lift Truck Safety, Indoor Air Quality, Transportation of Dangerous Goods and First Aid. 	Completed . The following programs were reviewed in consultation with the JHSCs: Ladder Safety, Hepatitis A and B, Working Alone, Hearing Conservation, Lift Truck Safety, Indoor Air Quality, Transportation of Dangerous Goods and First Aid.
 General: Continue to work with members of the York Community to ensure appropriate mechanisms are in place to promote the health and safety of York faculty, staff and students. Specific: Continue to provide support to and development of area health and safety officers (e.g., maintain communication, organize safety talks or seminars, etc.) so as to strengthen the University's occupational health and safety management system. 	 Completed and ongoing: (a) Maintained communication via email with area health and safety officers, (b) Received annual reports from area health and safety officers (c) Continued to provide orientation training to new safety officers.
 Specific: Update and strengthen the Occupational Health and Safety (OHS) framework to meet the University's due diligence requirements of new legislation. 	Completed : The University's OHS Management System framework document was revised in consultation with JHSCs and approved by University management in 2009. The updated document clarifies the roles of all levels of management under the OHS system, training and record keeping requirements.
 Specific: Develop health and safety training program (including training on OHS Act) for senior University officers. 	Completed . All senior University officers (i.e. the President, VPs, AVPs, Deans, Chief Librarian, Principal of Glendon and Chief Information Offier) have received mandatory OHS and due diligence training in 2009. The training was provided by an external trainer from Gowlings.
 Specific: Strengthen workplace safety programs for work related to facilities, equipment and tools. Specifically, develop institution-wide standards and training programs on machine and electrical safety. 	Completed and in progress. A 1-year contract Facilities Safety Officer has been hired to strengthen compliance related to machinery, electrical, tools and equipment safety in the division of Campus Services and Business Operations. The Officer provided OHS expertise in the development of hazard control safety programs and procedures. Machine safety inspection will be extended to Faculty of Science and Engineering and Faculty of Fine Arts in 2010-11. DOHS organized new and additional training sessions on electrical safety, fall arrest, lift truck operation, lockout tagout and confined space entry and rescue in 2009.

7. Specific : Coordinate the development and implementation of the following health and safety programs: Violence Prevention, Compressed gas Safety and X-ray safety training program.	7. Partially completed . Compressed Gas Safety and X-ray Safety training programs were developed and implemented in 2009. The Violence Prevention Program will be completed in June 2010, in compliance with the legislative deadline set under the new legislation.
8. Specific: Develop and implement strategies for prevention of musculoskeletal injuries (including back injuries) to grounds, vehicles, custodial and maintenance workers. This may include ergonomic intervention, training and other prevention programs.	8.Completed and ongoing. DOHS' ergonomist participated in several meetings with management members in Grounds to discuss musculoskeletal disorders (MSD) prevention on specific work activities; investigated injuries with major days lost to identify root cause and preventive measures,; developed tools for MSD accident investigation; conducted manual material handling/back safety training for Maintenance; and introduced ergonomic tools to custodial workers on specific work activities (e.g., cleaning toilets and blackboards).

4. York University Occupational Health and Safety (OHS) Management System

This system was developed and implemented to exercise "due diligence" in managing occupational health and safety. It defines an integrated set of health and safety responsibilities for all workplace parties. The document was revised, updated and redistributed in December 2009. The revised document clarified the roles of each level of management in the OHS system, elements of the OHS Program for the University, training and record-keeping requirements and the role of DOHS.

The model requires the appointment of Area Health and Safety Officers (HSOs) to advise Vice-Presidents, Deans, Directors and others responsible for health and safety matters in their areas, to act as a link to the Department of Occupational Health and Safety (DOHS) and to disseminate health and safety information to employees in their areas. The DOHS maintains regular communication with 86 HSOs. In 2009, nine new HSOs completed the DOHS orientation program, which includes an overview of their functions and the overall York University OHS Management System. All HSOs submitted an annual report to DOHS.

All new employees receive a copy of the University's Occupational Health and Safety Manual. In 2009, 4487 copies of the manuals were distributed (majority of the distribution in 2009 were to CUPE 3903 employees).

5. Changes in Legislation, Policies and Programs

5.1 Review of the University Occupational Health and Safety Policy

The University consulted the four Joint Health and Safety Committees in February 2009 on the review of the Occupational Health and Safety Policy (see Appendix I). There were no proposed changes to the Policy from the committees.

5.2 New Human Pathogens and Toxins Act

On June 23, 2009 the Human Pathogens and Toxins Act was passed in Canada. The implementation of the legislative framework by the federal government consists of three phases:

Phase 1 of the Act requires anyone responsible for activities involving human pathogens or toxins to register with the Public Health Agency of Canada (PHAC). York University (through the DOHS' Biosafety Officer and Associate Vice-President Research) has registered by providing names of York's contact persons, activities and location of the activities. Phase II of the Act, now in progress, involves government consultation with stakeholders (hospitals, universities, medical community, etc.) on the development of programs and regulations. Phase III will bring into force the remaining part of the Act and the regulations.

As this Act impacts both academic and research functions of a University, the Canadian Association of University Business Officers' (CAUBO) Committee on Environmental Health and Safety has been working in close contact with PHAC and will be participating in the development of the regulations.

5.3 Hazardous Waste – Land Disposal Restriction (LDR)

The LDR program in Ontario governs the process by which organizations manage and dispose of hazardous waste. The focus of the LDR requirements is to divert untreated waste from landfill by providing a detailed treatment process for all hazardous waste. In 2009, the last phase of the program came into effect, requiring specialized registration and coding of certain organic waste streams. York University has complied by completing the registration. All hazardous waste generated from York is transported to an approved treatment site in Ontario.

5.4 Violence and Harassment in the Workplace – an amendment to the Occupational Health and Safety Act (OHSA) of Ontario

Bill 168, an Act to amend the *OHSA* with respect to violence and harassment in the workplace was passed on December 9, 2009 with the revisions to come into force on June 15, 2010.

This legislation applies to all employers with more than five employees. To comply with the legislation, the University is required to develop policies and implement programs to prevent workplace violence and harassment. The program shall include risk assessment, education, measures and procedures to control the risk, summoning immediate assistance when workplace violence or harassment occurs, reporting incidents or threats, and investigation and response to reports.

The DOHS and the Department of Human Resources and Employee Relations are in the process of developing policies, programs and an implementation plan in response to the requirements.

5.5 Health and Safety Programs

List of York University Health and Safety Programs, 2009

1. Accident Response	11. Ladder Safety
2. Asbestos Management	12. LaserSafety
3. Confined Space Entry	13. Lift Truck Safety
4. First Aid	14. Medical Surveillance Program for Research Facilities
5. Hearing Conservation	15. Mould Control
6. Hepatitis A	16. Radiation Safety
7. Hepatitis B	17. Transportation of Dangerous Goods
8. Indoor Air Quality	18.Working Alone
9. Industrial Hygiene	19.Workplace Hazardous Materials Information System (WHMIS)
10. Laboratory Safety	20. Silica (<i>new</i>)

A new silica program was developed in 2009 in response to activities involving silica (e.g., in sculpture foundry, scientific experiments etc.). The program outlines the procedures for the safe use of silica, measures to control or limit the exposure to silica and training.

6. Report on Key Health and Safety Performance Indicators

6.1 Workplace Safety and Insurance Board (WSIB) case management

The Employee Well Being Office (EWO) in the Department of Human Resources and Employee Relations manages WSIB claims. DOHS is responsible for accident prevention and for overseeing the compliance with related safety legislation (i.e. Workplace Safety and Insurance Act, Occupational Health and Safety Act and First Aid Regulation).

The effectiveness of the University's management of Workplace Safety and Insurance Board (WSIB) cases is evaluated using the following indicators:

Indicator 1a - Workplace Safety and Insurance Board (WSIB) Case Management

Indicator 1a measures the current year's performance in terms of annual WSIB claims, costs and days lost, against the University's performance in previous years:

- There was no critical injury to York employees in 2009.
- Number of Lost time claims in 2009: 40 a decrease of 5% from 2008.
- Number of Days Lost in 2009 from 2009 claims: 411 a decrease of 60% from 2008.
- Number of Days Lost in 2009 per 2009 claim: 10.3 a decrease of 60% from 2008.

There was no critical Injury in 2009. A critical injury is defined as one of a serious nature that:

- o Places life in jeopardy;
- o Produces unconsciousness;
- o Results in substantial loss of blood;
- o Involves the fracture of a leg or arm but not a finger or toe;
- o Involves the amputation of a leg, arm, hand or foot, but not a finger or toe;
- o Consists of burns to a major portion of the body; or
- o Causes the loss of sight in an eye.

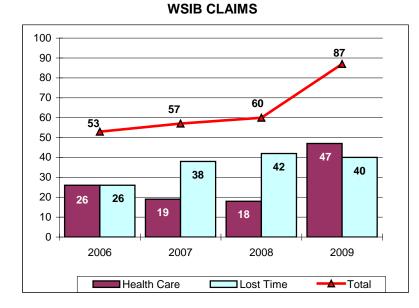
There were **40 lost time claims for accidents** that occurred in 2009, relative to 42 during 2008. Forty-five percent of these lost time accidents involved musculoskeletal disorders (MSDs). This is similar to the level (45.5%) for Ontario universities between 2001 and mid-2009 (data provided by the Education Safety Association of Ontario). The number of accidents caused by lifting (3) had reduced by 50% compared to last year, but the number of slips, trips or falls (16) had increased by 40% compared to 2008 as there was an increase in falls on ice due to significant snow accumulation during January and February 2009. During the strike, employees had longer walks through parking lots and walkways to take the bus as buses did not enter the campus.

The total days lost in 2009 for 2009 claims (411 days) was significantly lower than 2008 (1021 days) but similar in number to the preceding years, 2007, 2006 and 2005 (see Fig.5). Fifty-eight percent of the days lost was due to MSDs. The number of days lost caused by repetitive strain injuries (RSIs) and lifting had decreased significantly compared to 2008.

However, because of the large number of lost days in 2009 that resulted from worker injuries which occurred in the previous year, there was a negative impact on the University's Performance Index that may result in a higher surcharge to be assessed to the University in 2010.

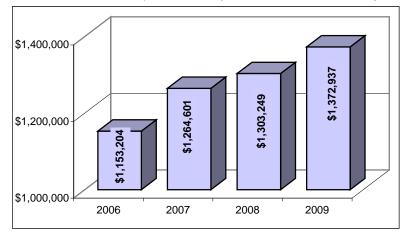
Annual Indicator 1a: Workplace Safety and Insurance Board Claims Management

Comparative Annual WSIB Claims, Costs and Days Lost

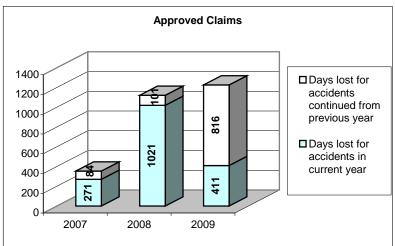


Comments: In 2009, the number of healthcare claims increased likely due to increased awareness for reporting workplace injuries as well as injured workers being encouraged to seek medical attention following an incident.

WSIB PREMIUM (based on September NEER statement)



WSIB - DAYS LOST



Comments: The premiu

The premium rate for 2009 is the same as in 2008 -- i.e.34 cents per hundred dollars of payroll.

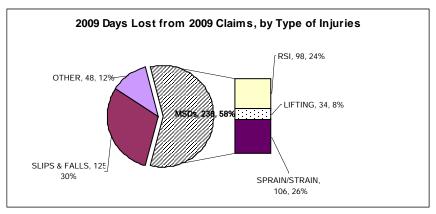
Comments:

1. In 2009, the days lost were contributed mainly from musculosketal disorders (58%), slips and/or falls (30%)

2. The high days lost in 2008 was mainly due to three RSIs accounting for 46% of the total days lost.

In 2009, in order to reduce the number of days lost, the DOHS and the Employee Well-being Office (EWO) in the Department of Human Resources & Employee Relations stepped up their MSD prevention and return-to-work programs specifically targeted to workers in Grounds, Fleet and Waste Management.





Through DOHS and EWO, the University will continue its focus on musculoskeletal prevention and return to work programs. This involves reviewing and improving the ergonomics of those tasks which caused significant days lost or with high physical demands; providing training on back safety and material handling; identifying jobs that are suitable for accommodation and proactively managing the return-to-work process to facilitate the safe and early return-to-work of injured workers.

The **number of WSIB health care claims** (47 in total) has increased in 2009 compared to 2008. This is likely due to increased awareness for reporting workplace injuries as well as injured workers being encouraged to seek medical attention following an incident.

Indicator 1b - WSIB New Experimental Experience Rating (NEER) Rating

Indicator 1b measures York's comparative performance over time as reflected in the annual NEER performance index and the dollar amount of WSIB rebate received or surcharge levied.

A NEER surcharge of \$175,847.32 was levied by WSIB in 2009 for the 2006 and 2007 and 2008 accident years.

The surcharge was mainly the result of extended days lost from lost time claims (knee and lower back injuries) in 2008.

Figure 6: Detailed information on Indicator 1b - WSIB NEER Experience Rating (effective date: Sept., 30, 2009)

	2006	2007	2008	2009
WSIB Health Care Claims	26	19	18	47
WSIB Lost Time Claims	26	38	42	40
WSIB Annual Premium*	\$1,153,204	\$1,264,601	\$1,303,249	\$1,372,937
NEER Rebate/(Surcharge)	\$232,197.43	(\$338,553.98)	\$221,226.54	(\$175,847.32)
Performance Index	1.52	1.03	2.50	1.39

* The WSIB assessment rate per \$100 payroll was 35 cents in both 2006 and 2007 and 34 cents in 2008. The WSIB premium for 2009 will again be 34 cents per \$100 payroll. The Performance Index is the ratio between the NEER cost and WSIB's forecast cost. A Performance Index of less than 1.0 indicates better-than-average performance and potential rebate.

Accommodation in Employment for Persons with Disabilities

The Employee Well Being Office (EWO) in the Department of Human Resources & Employee Relations is responsible for the administration and implementation of accommodation guidelines and procedures and arranges accommodation for employees returning from WSIB, long-term disability (LTD) or short-term disability (STD) absences in consultation with department managers and the appropriate unions.

In 2009, the number of accommodation requests increased from 50 in 2008 to 93 in 2009 mainly due to the increase in the number of claims and an increase in education about the accommodation program by EWO. An effective work accommodation program will decrease the amount of lost time facilitating injured employees return-to-work quickly and safely. Below is a summary of the number, type and cost of accommodations in 2009:

Employee	Number of		Type ommoo Reques	dation ¹	Ac	Natu comn <u>Requ</u>	odati	on		Dis	posit	ion	Amount
Group	Requests	WSIB	LTD	OTHER	JR	EQ	HSS	MH	OTHER	0	S	U	Spent ²
CASUAL	0	0	0	0	0	0	0	0	0	0	0	0	0
CUPE 3903	0	0	0	0	0	0	0	0	0	0	0	0	0
CUPE 1356	43	26	2	20	36	0	1	18	0	16	22	3	0
CUPE 1356-1	3	2	0	1	3	0	0	2	0	0	2	1	0
CUPE 1356-2	0	0	0	0	0	0	0	0	0	0	0	0	0
IUOE	0	0	0	0	0	0	0	0	0	0	0	0	0
CPM	7	1	0	6	2		1	5	0	2	5	0	0
YUFA	7	0	1	6	0	2	0	1	0	2	5	0	\$4,015
YUSA	33	12	1	24	17	1	1	19	0	9	20	3	\$3,625
TOTAL 2009	93	41	4	57	58	3	3	45	0	29	54	7	\$7,640
TOTAL 2008	50	21	9	22	34	7	0	24	0	10	35	5	\$29,291
ootnotes: To qualify for acc Exclusive of first egend								for a	specific c	lisabi	lity.		
ype Of Accommo	lation			Nature of	f Acco	mmod	lation		Disposit	ion			
SIB Workplace Safety					edesign				-		ork.n	ot perfo	orming full duties
D Long Term Disab				EQ Equip	U				U	0.			rming full duties

HSS Human Support Services

U - Unsuccessful the employee not at work

Figure 7 – Number, **Type and Cost of Accommodations in 2009**: (Data provided by the EWO in the Department of Human Resources & Employee Relations and the DOHS ergonomist)

The University's Accommodation Fund supports the cost of specialized equipment or minor renovations and payment of independent medical examinations to accommodate persons with disabilities or injuries. The Fund is administered by the EWO. The department applying for assistance in the purchase of accommodation items must pay the first \$500. In 2009, the total cost of accommodations was \$7,640, spent on furniture/equipment, medical documentation and third party functional abilities consultation services.

MH Modified Hours

6.2 Safety Committees

Other e.g. employees on short term disability

or no lost time

Indicators 2a, 2b, 2c, 2d – Joint Health and Safety Committee Meetings, Workplace Inspections and Recommendations

Joint Health and Safety Committees assist in the creation and maintenance of a safe and healthy work environment. It is therefore incumbent on management, in the exercise of due diligence, to ensure that the structure and functions of the JHSCs comply with legislated requirements. Indicators 2a, 2b, 2c and 2d measure the University's performance in meeting key legislated requirements. The University has four Joint Health and Safety Committees (JHSCs) representing the majority of employee groups on campus. Additionally, there are two Health and Safety Representatives for employee groups that are too small to form a JHSC – one represents the International Union of Operating Engineers (IUOE), Local 772 and the other represents the employees of the York University English Language Institute (YUELI) who are members of the Ontario Public Service Employees Union (OPSEU), Local 578.

JHSCs are consulted in the review of the University Occupational Health and Safety Policy as well as in the development and review of health and safety programs. Occupational hygiene reports (e.g. indoor air quality assessment, chemical spills incident reports, etc.) are copied to relevant JHSCs. Members of the JHSC review accident summary reports at every meeting. Minutes of the meetings are distributed to relevant department heads.

In 2009, the University took the following major actions in response to concerns raised by the various JHSCs:

- Distribution of OHS Manuals and pamphlets on "Injury Prevention for Computer Users" to all CUPE 3903 • members;
- Posted health and safety information for faculty members on website;
- Initiated the revision of the Supervisor's Accident Investigation Report Form;
- Broadened communication to area Health and Safety Officers and senior officers on communicating to the JHSCs reports pertaining to occupational health and safety;
- Development of a guideline for reporting motor vehicle accidents and promote community awareness on "idle ٠ free" program for vehicles.
- Air guality study in the Computer Science & Engineering Building that led to the removal of the large atrium garden.

Indicator 2a – JHSC Meetings in 2009

The number of JHSC meetings in 2009 was in compliance with the OHS Act – except one meeting of the CUPE 3903 JHSC was missed due to a labour strike.

The Occupational Health and Safety Act requires JHSCs to meet at least once every three months. All committees had 4 or more meetings in 2009 except for CUPE 3903 JHSC due to worker members being on strike from the beginning of November 2008 through to February 2009

JHSC Meetings ¹ 2009					
JHSC	No. of Meetings 2009	No. of Meetings 2008			
CUPE 1356,1356-14	11	7			
CUPE 3903 ^{5,6}	3	3			
YUFA ²	4	4			
YUSA ³	10	9			
University Totals	28	23			
 Footnotes: OH&S Act requires committees to meet onc. YUFA = York University Faculty Association YUSA = York University Staff Association CUPE 1356, 1356-1 = Canadian Union of Public Em 	ublic Employees, Local	1356, 1356-1			

Figure 8: Detailed Information on Indicator 2a – JHSC Meetings in 2009

One meeting was missed due to labour strike. 6.

Three (out of 4) committees and one (out of 2) health and safety representatives conducted regular workplace inspections in 2009. The missed inspections were due to significant turnover of worker members, training of new members and the effect of the labour strike.

YUFA, YUSA, CUPE 1356 and 1356-1 JHSCs prepared annual inspection schedules and conducted workplace inspections in 2009. CUPE 3903 did not conduct workplace inspection in 2009 as the union was on strike from fall 2008 to spring 2009; after its members re-commenced work, there was a complete turnover in the committee's worker membership; and the new membership encountered significant scheduling difficulties to participate in certification and inspection training. Workplace inspections have been scheduled to resume in early 2010. The Health and Safety Representative for the International Union of Operating Engineers (IUOE) also missed the annual inspection in 2009 due to turnover of union leadership and required training.

Reports of workplace inspections conducted by the JHSCs were sent to relevant department heads or Area HSOs for corrective action.

It should be noted that, in addition to worker members conducting workplace inspections, managers and/or supervisors also conduct annual inspections.

Joint Health and Safety Committees	Inspections Completed 2009	Person Hours	Inspections Completed 2008	Person Hours
CUPE 1356,1356-1	43	55	18	21.5
CUPE 3903 ²	0	0	2	15.5
YUFA	10	42	6	42
YUSA	42	479.5	48	338.5
IUOE ¹	0	0	9	37
YUELI ¹	3	0.75	4	1
University Totals	98	577.25	87	455.5

Figure 9: Detailed Information on Indicator Number 2b – JHSC Workplace Inspections in 2009

Footnotes:

1. YUELI/OPSEU and IUOE each have a Health and Safety Representative.

2. Worker members were on strike from November 6, 2008 to Feb. 2009. CUPE 3903 conducted

inspection in March 2010.

Indicator 2c – JHSC Recommendations

There were two formal recommendations received by the VP Finance and Administration from the Joint Health and Safety Committees in 2009

JHSCs often provide recommendations to supervisors/managers to address health and safety concerns and include findings from workplace inspections. On occasion, formal written recommendations are sent to the Vice-President Finance and Administration (VPFA) for employer response.

Eiguro 10.	Dotailed Information or	Indicator 2c Ic	oint Hoalth and Safoty	Committee Recommendations
riguie iu.			Juit nearth and Salety	

Recommend-	Recommendation	Type of Recommendation	Nature of Re	sponse			Timeliness of Response		
ation by	to		Agree	Disagree	Further study	No response	On Time	Late	No Response
YUSA JHSC (Mar-09)	VP-Finance & Administration	Recommends that the Employee Well Being Office ensures the full completion of incomplete Supervisor's Accident Investigation Reports.	DOHS will conduct follow-up to ensure full completion of Reports.				Yes		
YUSA JHSC (Jun-09)	VP-Finance Administration	Recommends that the University provides reports (or portions of) pertaining occupational health and safety that are in their possession to the JHSC.	Yes				Yes		

Indicator 2d – Radiation Safety Committee Compliance

The University was 100% in compliance with the Canadian Nuclear Safety Commission (CNSC) requirements in 2009. No major spills of radioactive material were reported and the Committee submitted an annual report to the CNSC as required within York's licensing conditions.

The University's Radiation Safety Committee is responsible for establishing criteria for the use of nuclear substances or radioisotopes at the University within the licensing conditions designated by the CNSC. The Committee meets quarterly and also inspects all areas of radioisotope use at least once a year. An annual activity report was submitted by the Committee to the CNSC in 2009.

The University issued 30 internal radioisotope permits under its CNSC consolidated radioisotope license as of December 2009. The University Radiation Safety Program is reviewed by the Committee once every two years. All active X-ray equipment and devices containing sealed radioactive sources were leak tested in 2009 and no leakages were detected.

6.3 Indicator 3 – Government Contacts

The University was 100% in compliance with direction received from government agencies in 2009.

Indicator Number 3 is a measure of compliance with direction received from regulatory agencies. There were 4 visits by the Ontario Ministry of Labour (MOL) in 2009. No orders from the MOL were received by the University.

Date				1
0.11 00	Agency	Reason for Contact	Government Response	University Response
9-Mar-09	MOL	Investigate a complaint at the Glendon campus re:workplace violence.	No orders issued. MOL is satisfied that the University has procedures in place for reporting workplace hazards.	Provided to the MOL: a copy of the review OHS Policy, security staff training outline OHS manual (including hazard reporting procedure).
16-Mar-09	MOL		MOL determined that the alleged work refusal did not meet the criteria under the Occupational Health and Safety Act.	Issue to be resolved using the Internal Responsibility System.
6-Apr-09	MOL	Investigate a complaint from worker members on a JHSC regarding members' entitlement to time away from work.	No orders issued. MOL is satisfied that the University has followed the "Guidelines for the Structure and Function of the JHSC".	
22-Oct-09	MOL	Glendon campus regarding the lid	No orders issued as the University has investigated and addressed the worker's concern upon receipt in 2008 and the bin was replaced with an open top bin.The JHSC had already responded to the concern upon receipt.	

Figure 11: Detailed Information on Indicator 3 – Government Contacts 2009

6.4 Indicator 4 – Education/Awareness

In 2009, the University informed all supervisors of legislatively required training and developed relevant training programs for employees.

Figure 12 below illustrates DOHS education and awareness initiatives (legislated, mandated by University Policy, and discretionary) in 2009.

Included as a new requirement in the University's OHS Management System, revised in 2009, is that all senior officers must receive OHS and Due Diligence training. In 2009, all senior officers, including the President, Vice Presidents, Associate Vice Presidents, Deans, Principal of Glendon, Chief Librarian, Chief Information Officer and Chief Financial Officer, received the training. In the future, this will be standard orientation training for new senior officers of the University.

In 2009, with emphasis on injury prevention on high risk activities, additional new training sessions on fall arrest, electrical safety, lift truck, lockout and tagout were provided. The training participants included not only Maintenance, Grounds, Custodial and Central Utilities workers in Campus Services and Business Operations, but also employees from the Faculty of Fine Arts (Department of Visual Arts mainly) and the Faculty of Science and Engineering.

Fig. 12: Detailed Information on Indicator 4 - Training Courses Provided by DOHS 2009

2	Number of	Duration of each	Trained	Trained
Courses	Sessions	Session (Hrs)	2009	2008
Legislatively Required Training		0	05	0
Asbestos Safety	3	6	25	9
Asbestos Practical	3	2.5	9	9
Boom Truck Training** Fall Arrest*	2	2 4	36	-
Finit Arrest	3		50	42
	17	16	146	111
Due Diligence for Senior Executives (new)	5	2	25	0
Electric Pump Truck Training**	1	2	7	-
Electrical Safety (<i>new</i>)	1	3	25	0
High Voltage**	1	4	14	-
Laser Safety	12	3	19	4
Lift Truck Training	1	8	7	0
Lockout Tagout	1	2.5	5	0
Occupational Health and Safety Act	18	2	179	204
Radiation Safety for Users ²	10	4	49	39
Respiratory Fit Testing	5	1	13	34
Scissor Lift (includes fall arrest)**	2	2	36	-
Silica Training (new)	2	105	37	0
Transportation of Dangerous Goods*	1	8	1	11
Upright Lift**	2	2	36	-
	11	1	646	464
	28	3	602	721
Mandated by Internal Policy and Procedures			1	
Accident Investigation	16	2	132	115
Biosafety Training	9	3	102	93
Biological Hazards	3	1	75	343
Compressed Gas Cylinder Safety	4	2	63	81
Fine Arts TA Health and Safety Training***	1	5	56	11
Flu Season, Environmental Cleaning, PPE (new)	13	1	106	0
Mould Control	3	1	52	11
Science TA Health and Safety Training****	2	5	131	126
Student Workers Orientation ⁵	2	4	35	0
Workplace Inspections	11	1.5	106	116
Discretionary Based upon Identified Need or Requests				
Back Safety Introduction	6	2	19	90
Back Safety Supplement (for computer users)	11	1	27	28
Back Safety Refresher	2	1	63	8
Chemical Handling, Volatile Storage Rooms****	4	1	28	77
Computer Workstation Safety	12	2	80	82
Computer Workstation Safety Awareness (for Glendon staff)	2	1	39	0
Electrical Safety Awareness (new)	1	2	51	0
Health & Safety for 2nd and 4th Year Engineering Students	1	3	17	13
Occupational Health & Safety for CUPE 1356	2	2	116	0
Radiation Safety Awareness	5	1	39	14
WHMIS II Train the Trainer	1	2	3	0

Footnotes:

*Courses organized/coordinated by DOHS and provided by external trainer. **Courses organized by CSBO, no data received for 2008.

Courses organized by Faculty of Fine Arts * Courses organized by Faculty of Science & Engineering

1. First Aid certification is valid for 3 years (includes Security Officers and Designated First Aiders).

2. Radiation Safety for Users, some employees received training through independent study package with completion of quiz.

3. WHMIS I is for employees who work in the proximity of where hazardous materials are used, includes training for security officers.

4. WHMIS II is for employees who work with hazardous materials.

5. Training for CSBO employees and Student Services Dons and Residence Life Coordinators

6.5 Indicator 5 – Advice and Counsel

The total number of DOHS interventions in 2009 was slightly higher than in 2008.

Figure 13 provides a statistical summary of the range of DOHS interventions providing professional advice and counsel to members of the University community during 2009 to assist them in making decisions and taking action to fulfill statutory responsibilities.

In 2009, there were three minor spills of hazardous materials with no injuries. The incidents involved a spill of antifreeze (approx. 1 gal.) from a vehicle at the Glendon campus; a spill (slight overfill) of liquid nitrogen on the floor during filling and a discharge (dry yellow chemical powder) from a fire extinguisher found on the floor of a hallway in the Ross Building. All spills were cleaned up and disposed of properly in accordance with local environmental regulations.

		No. of Intervention
Types Of Issues	No. of Interventions 2009	on Same Issues 2008
Asbestos	54	56
Access York Committee for Persons with Disabilities	15	12
Accident Prevention	67	77
Biosafety	1	8
Biosafety Certificate (Research) New	22	0
Biosafety Certificate (Research) Renewal	44	36
Biohazardous Waste Disposal	7	7
Biosafety Laboratory Commissioning	2	1
Biological Spills/Exposure	6	0
Chemical Spills/Fumes/Odours	72	64
Confined Space	24	19
Disability Management Consultation	5	0
Emergency Response Warden Evacation	6	4
Environmental	3	3
Ergonomics ¹	131	123
Fine Arts Project Safety Approval	1	2
First Aid Supplies	69	49
Flu Pandemic Planning (H1N1 prevention)	22	6
General Safety	68	48
Hazardous Waste Disposal	20	23
Health and Safety Program Review	3	7
ndoor Air Quality ²	50	38
foint Health and Safety Committee	6	23
foint Health and Safety Committee Member Orientation	1	4
Laboratory Decommissioning and Renovation	1	2
Laboratory Safety	43	30
Medical Consultant (posting and hiring)	43	0
Mould Mould	15	17
Noise	15	17
PCB	6	3
CB Public Health	9	2
DHS Management System, new Area HSO orientation	9	17
Radiation Safety	13	10
Research Enquiries	2 7	6 3
Return to Work (meetings with Employee Well Being Office)	5	
Safety Inspection & Assessment (new building)		16
Safety Orientation Checklist	234	291
Security Advisory Council	2	3
Sharps (Pick-up and Disposal)	10	4
Smoking	6	12
Water Contamination & Sampling	6	4
Workplace Violence Prevention Program	1	11
Work Permit Approvals	49	80
Work Refusal - Internally Resolved	1	3
WSIB Safety Group Meetings	4	4
K-ray Safety	4	2
Fotals	1149	1142
Footnotes: . Individuals or departments who received ergonomics advice 2. Indoor air quality consultation e.g. by phone.	only but did not receive	site visits.

Figure 13: Detained Information on Indicator 5 – Advice and Counsel 2009

Indicator 6a – Occupational Hygiene Testing

In 2009, the University was 100% in compliance with the requirement for statutory testing.

In accordance with relevant legislation and internal policy and procedures, the DOHS conducts selected environmental testing, testing of equipment and ergonomic assessment. The testing could be in response to employee concerns, proactive monitoring or to comply with legislative requirements (e.g., leak testing of radiation sources).

In 2009, the volume of occupational hygiene testing was similar to 2008. There was a slight decrease for mould and indoor air quality assessment.

Figure 14:	Detailed Information on Indicator 6a – Occupational Hygiene Testing	

	Required/ Requested	Tests Conducted	Required/ Requested	Tests Conducted
Type of Tests	2009	2009	2008	2008
Statutory Testing			•	•
Biocontainment Cabinets/Laminar Flow Hoods ¹	34	33	36	37
Radioactive Sealed Sources Leak Testing	9	9	5	5
Radioisotope Laboratories Monitoring (inspection and testing)	21	21	22	25
X-ray Machine Leak Testing	2	2	1	1
Mandated by Internal Policy and Procedures				
Biosafety Laboratory Inspection ³	14	14	11	11
DOHS Equipment Calibration	8	8	9	9
Laboratory Inspections - Faculty of Science & Engineering ³	14	14	27	27
Indoor Air Quality	42	42	49	49
Indoor Mould Assessment	8	8	15	15
Other Hygiene (gases, mercury, odours, etc)	65	65	67	67
Workplace Noise Testing of Areas >85dBA	9	9	8	8
Discretionary Based upon Identified Need or Requests				
Ergonomics ²	38	38	41	41
Ergonomics (for Accommodations)	12	12	6	6
Footnotes:		-		-

1. DOHS coordinated the certification of biosafety cabinets which is done by an external firm.

2. Number of individuals or departments who received at least one visit. Multiple visits of an individual

will be counted just once. This indicator did not include assessments for accommodations.

3. A selected number of laboratories are selected for inspection every year.

Indicator 6b - Occupational Health and Disease Prevention

York University offers medical surveillance programs for workers who may be exposed to certain biological (e.g., viruses) and physical agents (e.g., laser, noise). These programs involve initial baseline and ongoing testing of related workers' health status so that immunization requirements can be identified and be provided to workers prior to start of work. The ongoing surveillance allows early detection of diseases so that preventive measures (e.g., medical intervention or workplace process review and hazard control) can be put in place immediately to prevent progression of the disease.

Worker participation in medical surveillance programs is voluntary as prescribed in the legislation. DOHS develops, implements and maintains medical surveillance and disease prevention programs, including health surveillance for animal care workers, hearing conservation for workers who may work in noisy areas, Hepatitis A and B immunization for workers who may be exposed to blood and body fluids, and vision screening for laser workers.

Vision screening for laser workers and Hepatitis A and B medical surveillance programs are only required for new workers (no annual retesting or monitoring required)

Figure 15.	Indicator 6b - Summar	y of Medical Surveillance and Immunization Programs in 2009
5		J J

Medical Surveillance Programs	Number of Partic	Number of Participants	
	2009	2008	
Animal Care Workers ¹	52	60	
Audiometric Testing ²	138	0	
Vision Screening for laser workers ³	2	4	
Immunization Programs	Number of Partic	Number of Participants	
	2009	2008	
Hepatitis A and B	9	15	

Notes:

1. The DOHS develops the health assessment form and provides employees with instructions to complete the form. Physicians at the York Lanes Health Centre review the completed health assessment form and inform the employees of required immunization.

2. Audiometric testing was done in December of 2007, January 2009 and January 2010.

3. Provided by York Laser Safety Officer.

2010 Goals and Objectives

Ongoing Activities

1. Achieve compliance and/or specified targets with respect to key health and safety performance indicators as outlined below:

Indicator #	Indicator	Target
6.1	WSIB Lost Time Injury Frequency	Attain the Lost Time Injury (LTI) per 100 workers below the LTI for the rate group (i.e. educational facilities). The average LTI for the rate group in the last five years (2005-2009) is 0.45.
6.2	Safety Committees	Continue to monitor that the number of JHSC meetings is in 100% compliance with the OHS Act. Monitor workplace inspections to ensure that workplaces in the University are inspected.
6.3	Government Contacts	Continue to maintain 100% compliance with direction received from government agencies.
6.4	Education/Awareness	Continue to provide education and awareness on legislatively required training.
6.5	Advice and Counsel	Continue to provide complete responses to all interventions.
6.6	OHS Assessment and Testing	Continue to maintain 100% compliance with statutory testing.

- 2. Meet legislative requirements by ensuring the development and distribution of written Health and Safety programs and procedures to affected community members and by conducting reviews of existing programs every two years. Review Accident Response, Asbestos Management, Confined Space Entry, Laboratory Safety, Laser Safety, Mould Control, Radiation Safety and WHMIS.
- 3. Maintain communication with and the engagement of Area Health and Safety Officers (HSOs), so as to support their roles as health and safety resources/promoters, who disseminate information within their units. The establishment of Area HSOs is one of the key elements in the University's Occupational Health and Safety Management System.

New Projects

- 1. Increase e-learning tools and offerings so that health and safety training is more accessible to employees. Priorities include developing e-courses on OHS and Due Diligence for training of senior officers; Workplace Inspection; and refresher courses such as Radiation Safety, Workplace Inspection, Laser Safety.
- Implement specific programs for musculoskeletal disorders (MSDs) prevention for grounds and custodial workers. Programs will include: worker education on MSD risk factors and controls on specific tasks (e.g., litter pick-up, use of specific equipment etc,); a train-the-trainer program on back safety, for night shift supervisors; and training supervisors on how to investigate MSDs and identify preventative measures.
- 3. Strengthen machine safety program to prevent injuries (e.g., implement training, safety inspection, publication of safety notices or guidelines etc.).
- 4. Provide leadership in the development and roll-out of new Workplace Violence and Harassment Prevention programs jointly with the Department of Human Resources and Employee Relations.
- 5. Develop and introduce an annual program of auditing selected University departments/units or specific hazard categories (e.g. machine guarding, electrical safety, etc.) to measure the level of compliance by the areas with the York University OHS Management System and/or the control of hazards.

Appendix I

University Policies, Procedures & Regulations Database

University Policy

Occupational Health and Safety # : Pol 008

Description:

Notes: Approved by UEC: 1996/09/16; Re-Approved by the Board of Governors: 1991/05/13; 1992/10/26; 1993/10/18, 1995/04/10; 1996/10/07; 1997/03/03; 1998/01/26; Approved and Revised by Board Audit Committee: 1998/12/08; Approved by the Board of Governors: 1998/12/14, Re-Approved by the Board of Governors: 1999/12/06, 2001/06/25, 2002/04/29, 2003/04/28,2004/04/26, 2005/05/02, 2006/05/01, 2007/04/30, 2008/06/23, 2009/06/23 Date Effective: 1991/05/13; *This policy must be approved annually by the Board of Governors*.

Approval Authority: Board of Governors

Signature: "M. Shoukri"

Policy

York University is committed to the prevention of illness and injury through the provision and maintenance of healthy and safe conditions on its premises. The University endeavours to provide a hazard free environment and minimize risks by adherence to all relevant legislation, and where appropriate, through development and implementation of additional internal standards, programs and procedures.

York University requires that health and safety be a primary objective in every area of operation and that all persons utilizing University premises comply with procedures, regulations and standards relating to health and safety.

Occupational Health and Safety

Persons who are supervisors as defined by the Occupational Health and Safety Act shall ensure that persons under their direction are made aware of and comply with all applicable requirements and procedures adherent to this policy. Supervisors shall investigate all hazards of which they become aware and shall take appropriate corrective action.

The University shall acquaint its employees with such components of legislation, regulations, standards, practices and procedures as pertain to the elimination, control and management of hazards in their work and work environment. Employees shall work safely and comply with the requirements of legislation, internal regulations, standards and programs and shall report hazards to someone in authority, in the interests of the health and safety of all members of the community.

Students

Students are responsible for conducting themselves in a manner which is consistent with their health and safety and that of others. Failure to do so may be considered a breach of Presidential Regulations governing student conduct.

Tenants and Contractors

The University will make its commercial tenants and contractors aware of its Occupational Health and Safety Policy and of the requirement that all persons working on its premises conduct their business in accordance with the Occupational Health and Safety Act.

This Health and Safety Policy is promulgated by the Board of Governors and the administration thereof is delegated to the Vice-President Finance and Administration.

Failure to abide by this policy or the requirements, regulations, standards or procedures contemplated herein will result in appropriate discipline or sanctions.