

## Reported Accidents/Incidents 2011 - 2013

### Statistics

Type	2011	2012	2013	Total	
struck by/striking object	5	3	5	13	
slip/trip/fall	6	1	1	8	
manual handling injury	0	0	3	3	
crush injury	2	1	1	4	
needlestick	6	5	1	12	
cut/puncture	8	8	3	19	
uv/cryo burn	3	1	1	5	
burn/scald	5	5	1	11	
eye contamination/injury	5	1	1	7	
allergic reaction	3	6	1	10	
inhalation of chemical vapour	0	0	7	7	<i>not routinely reported until 2013</i>
chemical spill	8	8	8	24	
natural/compressed gas leak	1	2	0	3	
centrifuge incident	3	1	1	5	
biotage microwave reactor incident	0	0	5	5	<i>not routinely reported until 2013</i>
near miss	6	2	8	16	

### Further Details

**struck by/striking object:** most common: bumping head on furniture

**slip/trip/fall:** majority occurred outwith buildings; one indoor spilled resulted in serious ankle fracture

**manual handling injury:** all down to lifting heavy containers

**crush injury:** most common: finger caught in door hinge

**needlestick:** all but one incident involved needle contaminated with chemicals or microorganisms; no ill health caused

**cut/puncture:** most common: scalpel cut, followed by cut from broken glass

**uv/cryo burn:** UV burns sustained while using transilluminator; two liquid N2 and one -80 cryo burn

**burn/scald:** six from Bunsen Burner; three from heating block/mantle

**eye contamination/injury:** all would have been prevent if eye protection had been worn

**allergic reaction:** most common: reaction to glove material, despite move away from latex

**inhalation of chemical vapour:** does not include Vaccubrand incident; most are all one off exposures; four resulted in person feeling unwell

**chemical spill:** fifteen on to a person; eight on to floor/bench; 1 onto equipment

**natural/compressed gas leak:** Bunsen left on overnight unlit; perished tubing connected to Bunsen; perished tubing connected to CO2 incubator

**centrifuge incident:** no injuries to people but expensive equipment repairs

**biotage microwave reactor incident:** specific to JBC1; four vial breakages; one violent reaction causing release of DMSO vapours into lab

**near miss:** some examples:

5l culture bottle exploded in warm room; no one in room at the time

head blown off LN2 dispensing vessel narrowly missing Storeman's face

open Stanley knife left in lab coat pocket; discovered before anyone cut themselves

sharps protruding through side of Sharpsafes after autoclaving; spotted before anyone came into contact with them

syringe needle found in black bag waste; discovered before cleaners removed bag

strip light cover fell from the ceiling; no one under it at the time

autoclave fell from tail-lift of delivery van; no pedestrians or vehicles passing by at the time

gas lighter found in bag of waste destined for autoclave; discovered before autoclaving

two instances of chemicals delivered from supplier in unsafe condition; liquid/gas safely contained and no one exposed