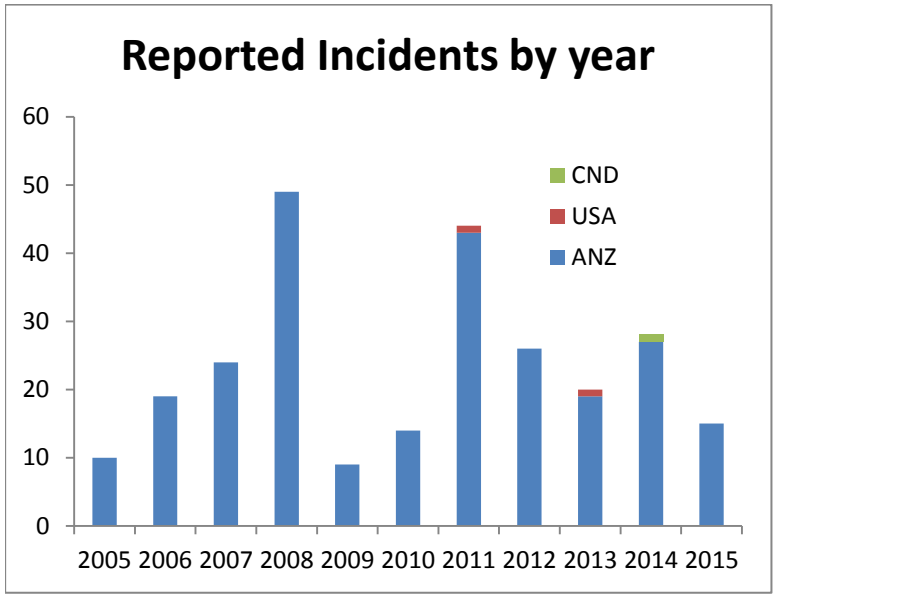
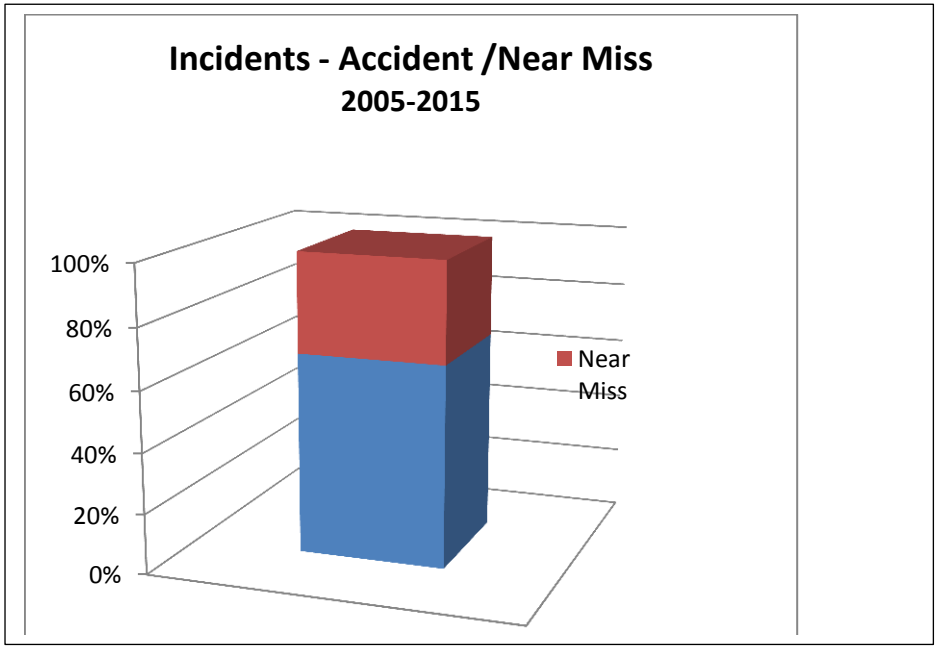
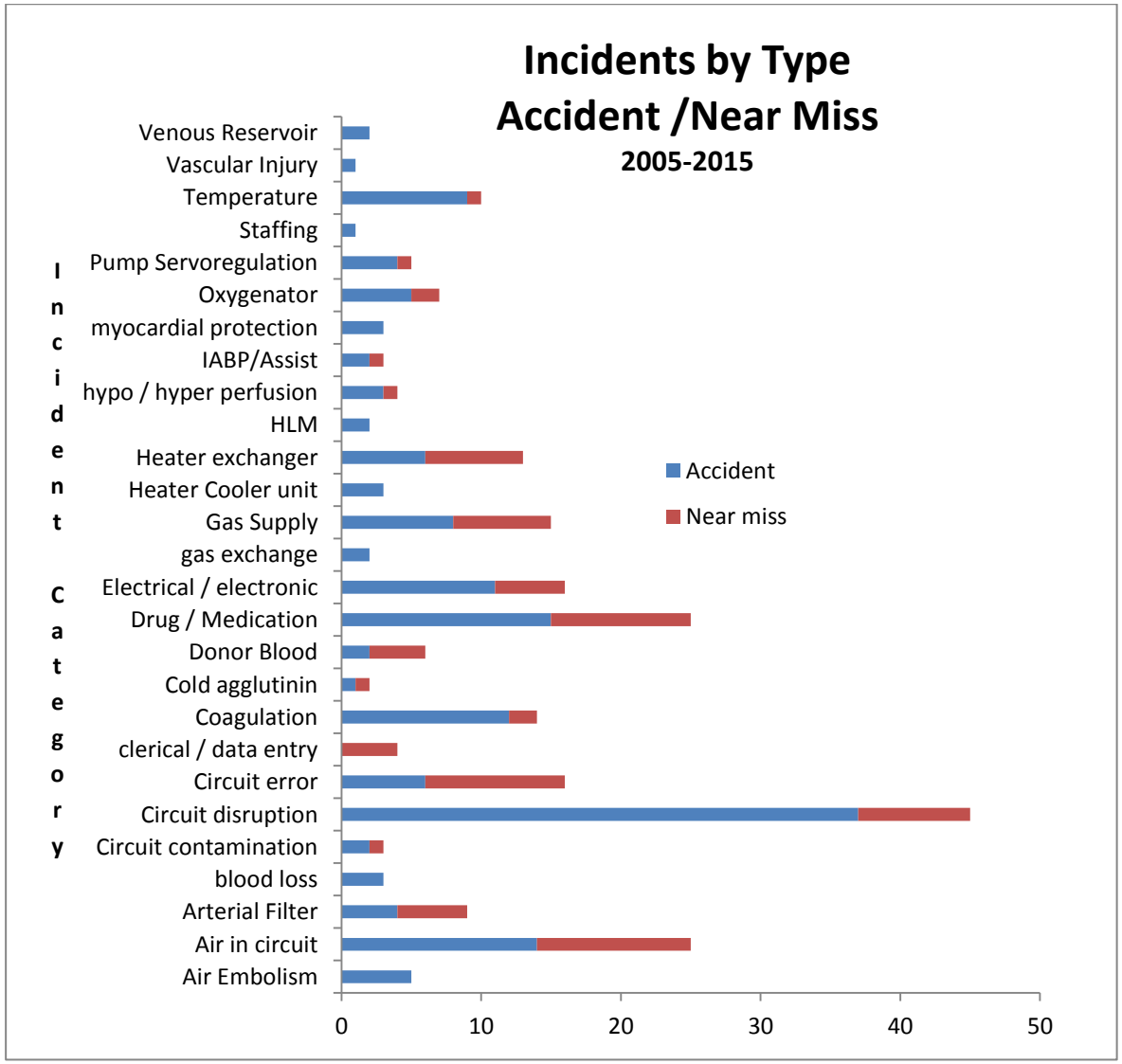
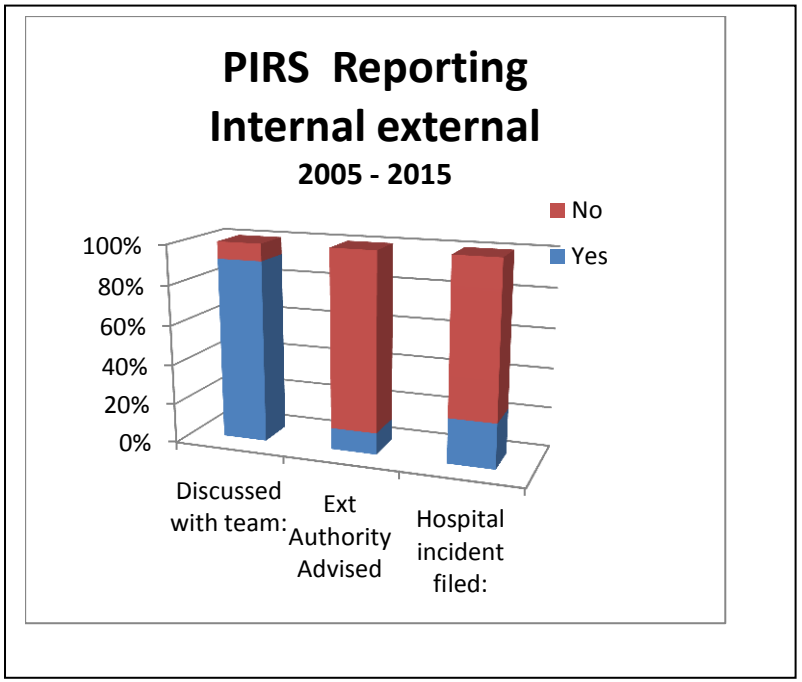
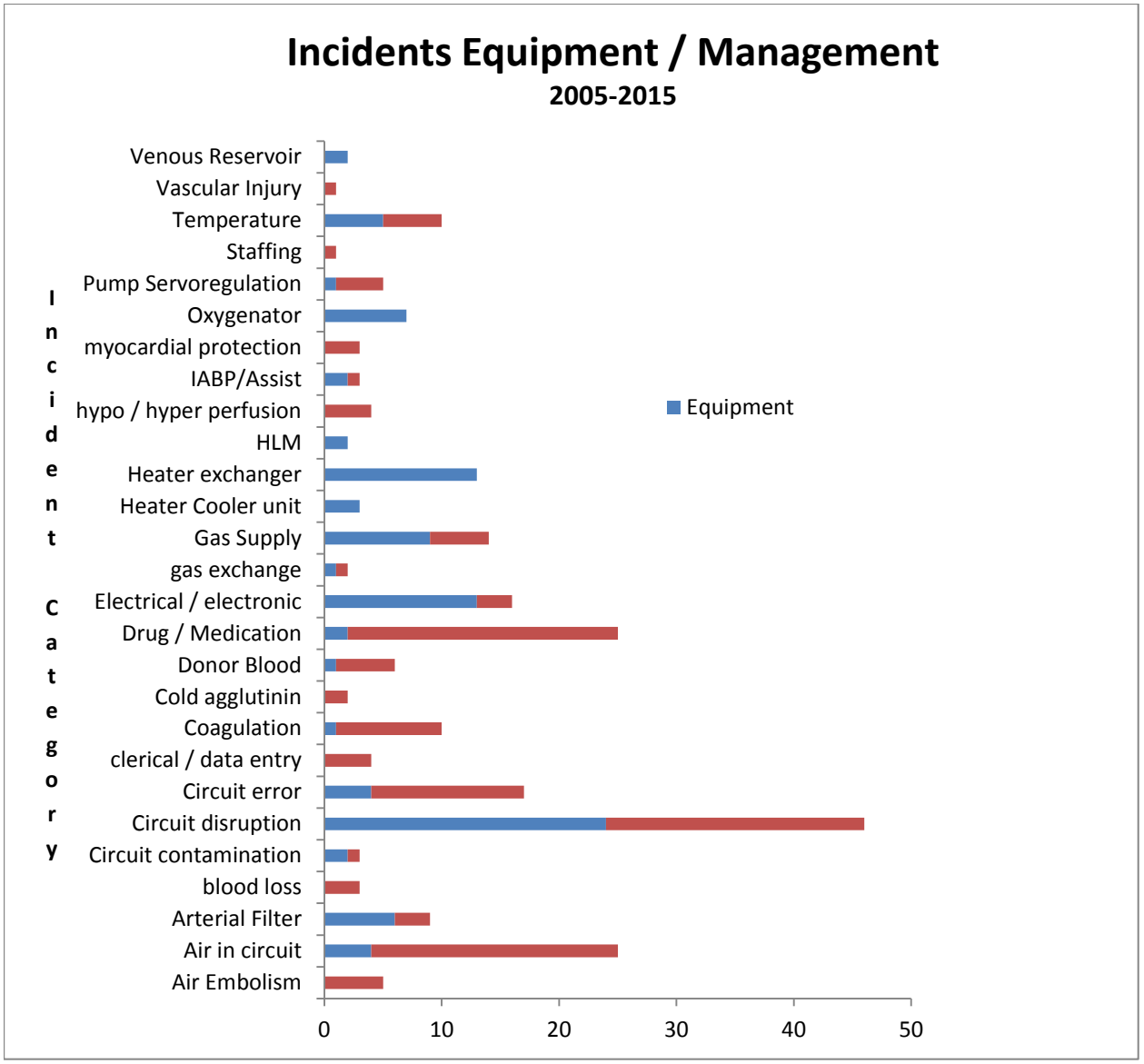
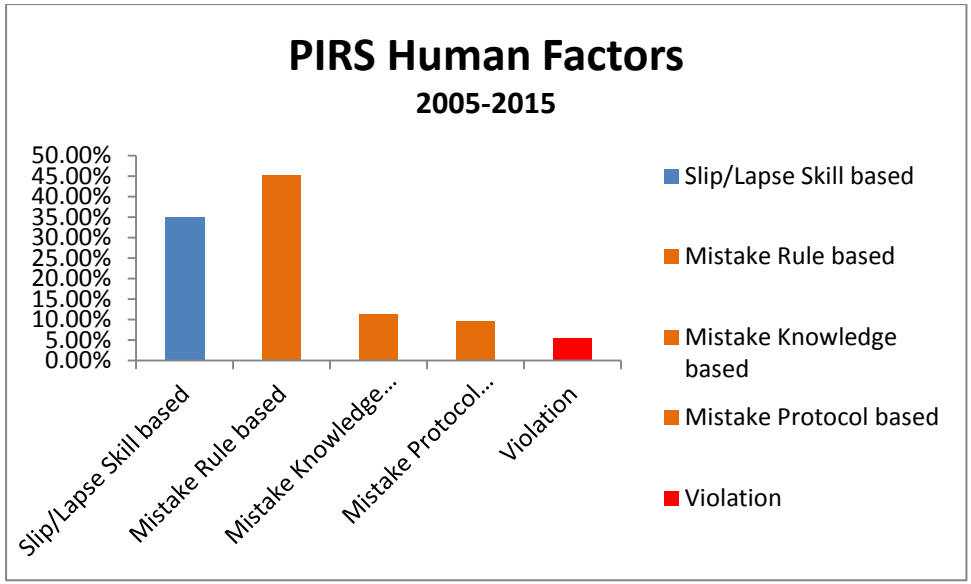

Reported Incidents by year
60
50
40
30
20
10
0
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015
CND
USA
ANZ

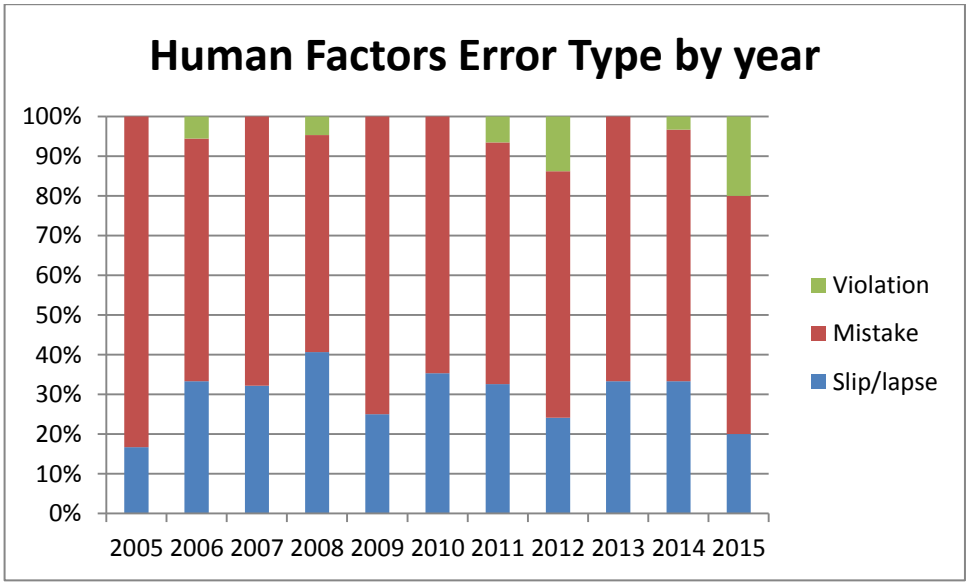

Incidents - Accident /Near Miss
2005-2015
100%
80%
60%
40%
20%
0%
Near Miss

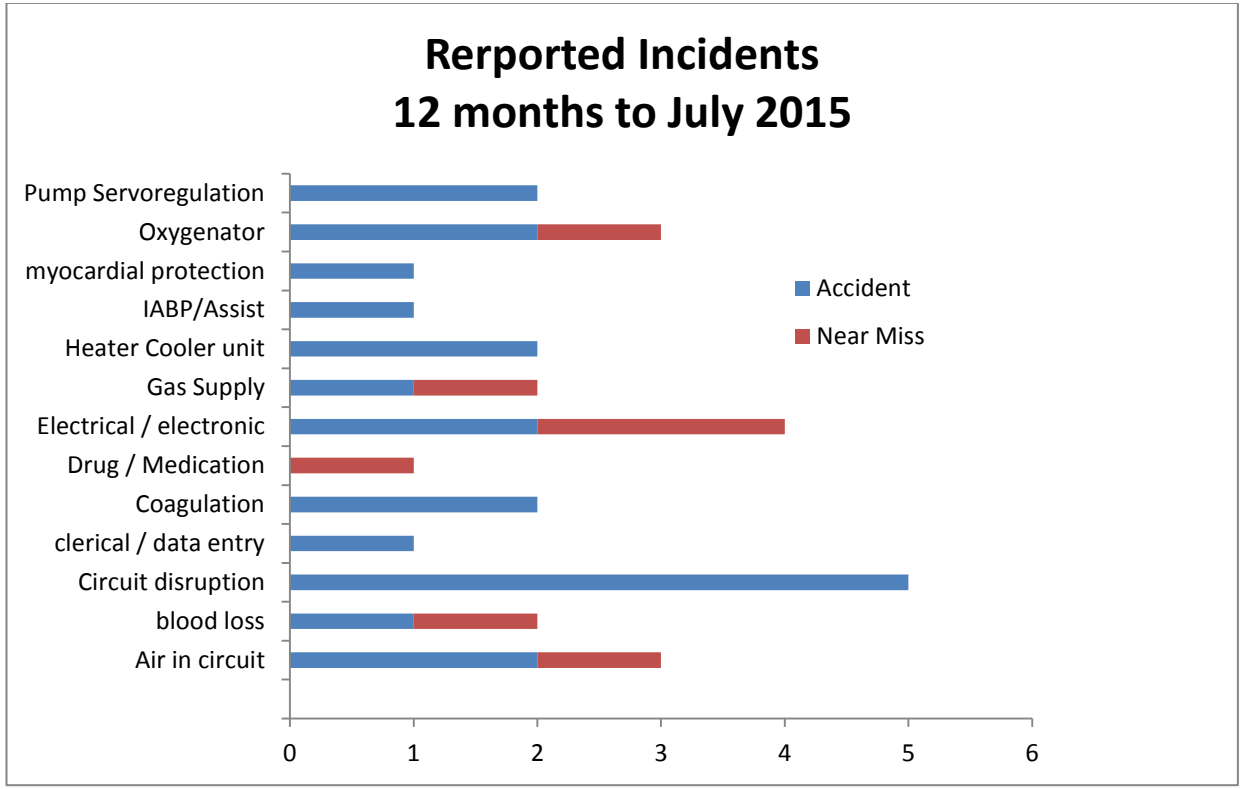

Incidents by Type
Accident /Near Miss
2005-2015
Incident Category
Venous Reservoir
Vascular Injury
Temperature
Staffing
Pump Servoregulation
Oxygenator
myocardial protection
IABP/Assist
hypo / hyper perfusion
HLM
Heater exchanger
Heater Cooler unit
Gas Supply
gas exchange
Electrical / electronic
Drug / Medication
Donor Blood
Cold agglutinin
Coagulation
clerical / data entry
Circuit error
Circuit disruption
Circuit contamination
blood loss
Arterial Filter
Air in circuit
Air Embolism
0
10
20
30
40
50
Accident
Near miss


PIRS Reporting
Internal external
2005 - 2015
No
Yes
100%
80%
60%
40%
20%
0%
Discussed with team:
Ext Authority Advised
Hospital incident filed:


Incidents Equipment / Management
2005-2015
Incident Category
Venous Reservoir
Vascular Injury
Temperature
Staffing
Pump Servoregulation
Oxygenator
myocardial protection
IABP/Assist
hypo / hyper perfusion
HLM
Heater exchanger
Heater Cooler unit
Gas Supply
gas exchange
Electrical / electronic
Drug / Medication
Donor Blood
Cold agglutinin
Coagulation
clerical / data entry
Circuit error
Circuit disruption
Circuit contamination
blood loss
Arterial Filter
Air in circuit
Air Embolism
Equipment
0
10
20
30
40
50


PIRS Human Factors
2005-2015
50.00%
45.00%
40.00%
35.00%
30.00%
25.00%
20.00%
15.00%
10.00%
5.00%
0.00%
Slip/Lapse Skill based
Mistake Rule based
Mistake Knowledge...
Mistake Protocol...
Violation
Slip/Lapse Skill based
Mistake Rule based
Mistake Knowledge based
Mistake Protocol based
Violation


Human Factors Error Type by year
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015
Violation
Mistake
Slip/lapse


Rerported Incidents
12 months to July 2015
Pump Servoregulation
Oxygenator
myocardial protection
IABP/Assist
Heater Cooler unit
Gas Supply
Electrical / electronic
Drug / Medication
Coagulation
clerical / data entry
Circuit disruption
blood loss
Air in circuit
Accident
Near Miss
0
1
2
3
4
5
6