

Broward Health Medical Center
Comprehensive Infection Control Risk Assessment
Calendar Year 2021

Scoring Criteria:

A Risk Priority Number will be assigned for each event. Infection control will use a Pareto Analysis of the Risk priority numbers assigned to identify the main focus areas for the Infection Control plan of Calendar Year 2021.

Issues considered for **probability** include, but are not limited to:

- 1 Known risk
- 2 Historical data
- 3 Literature review or benchmark statistics

Issues considered for **response** include, but are not limited to:

- 1 Time needed to respond
- 2 Scope of response capability
- 3 Historical evaluation of response success

Issues considered for **life threat** include, but are not limited to:

- 1 Potential for staff death or injury
- 2 Potential for patient death or injury

Issues considered for **permanent harm** include, but are not limited to:

- 1 Potential impairment in cognitive functioning not related to underlying illness
- 2 Potential impairment in motor functions & ability to perform ADLs
- 3 Potential impairment in organ function
- 4 Potential chronic pain

Issues considered for **patient care impact** include, but are not limited to:

- 1 Interruption in usual patient care workflow
- 2 Employees unable to report to work
- 3 Surge demand for patient care service
- 4 Potential for exposure to an infectious agent
- 5 Change in level of patient care
- 6 Interruption of critical services
- 7 Change inpatient treatment
- 8 Change in services or setting
- 9 Increased potential for acquiring MDRO

Issues considered for **preparedness** include, but are not limited to:

- 1 Status of current plans, policies, procedures & practices
- 2 Demonstrated compliance with above
- 3 Annual Training status
- 4 Demonstrated staff awareness
- 5 Availability of alternate sources for critical supplies/services

Issues considered for **internal resources** include, but are not limited to:

- 1 Types of supplies on hand/will they meet need?
- 2 Volume of supplies on hand/will they meet need?
- 3 Staff availability
- 4 Interdepartmental Coordination
- 5 Availability of support services & staff
- 6 Internal resources ability to respond in a timely manner

Issues considered for **external resources** include, but are not limited to:

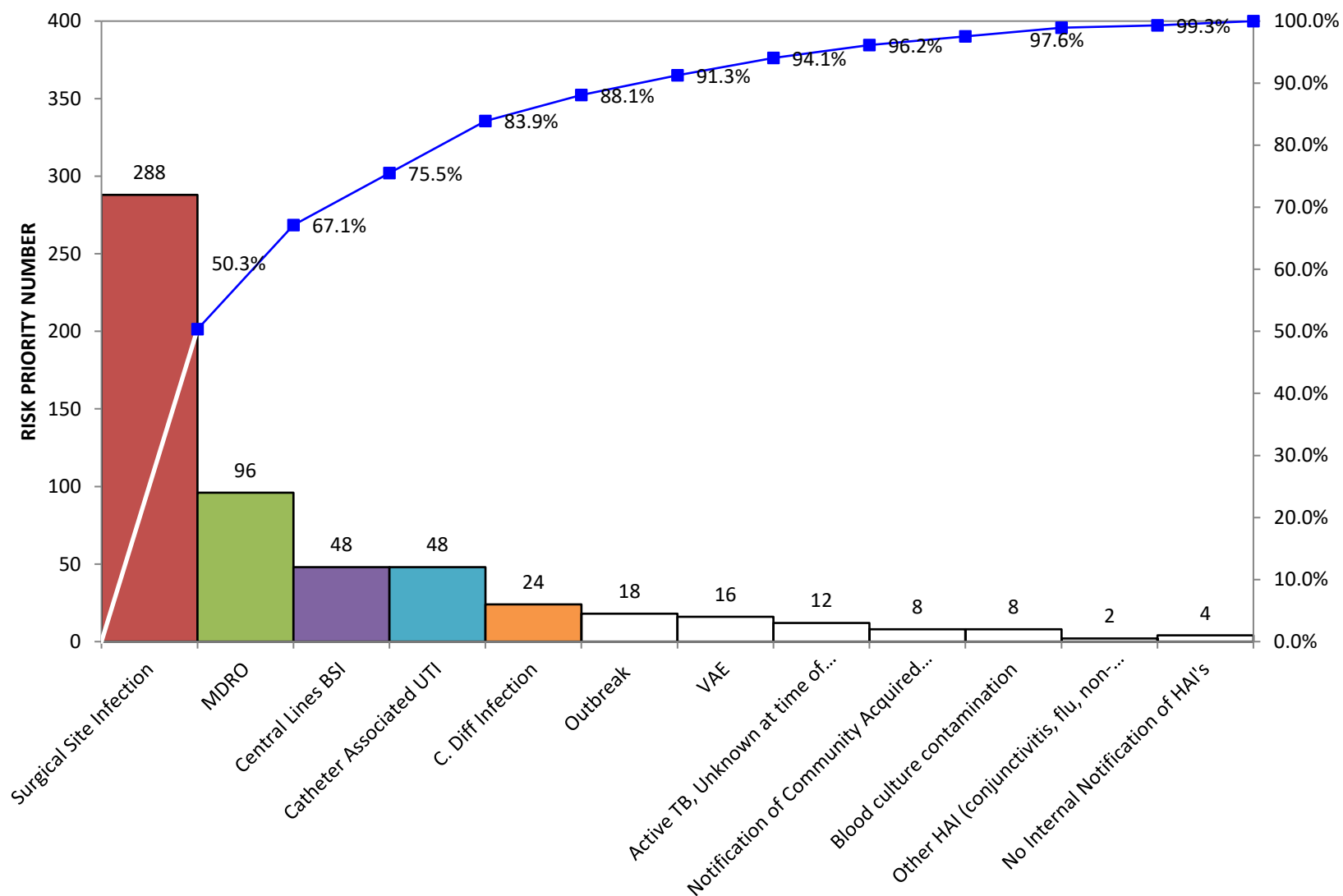
- 1 Types of agreements with community agencies
- 2 Coordination with local and state agencies
- 3 Coordination with proximal health care facilities
- 4 Coordination with treatment specific facilities
- 5 Community resources

The summary section provides the specific and overall Infection Control relative risk.

CY2021 INFECTION CONTROL RISK ASSESSMENT
HAI RISKS

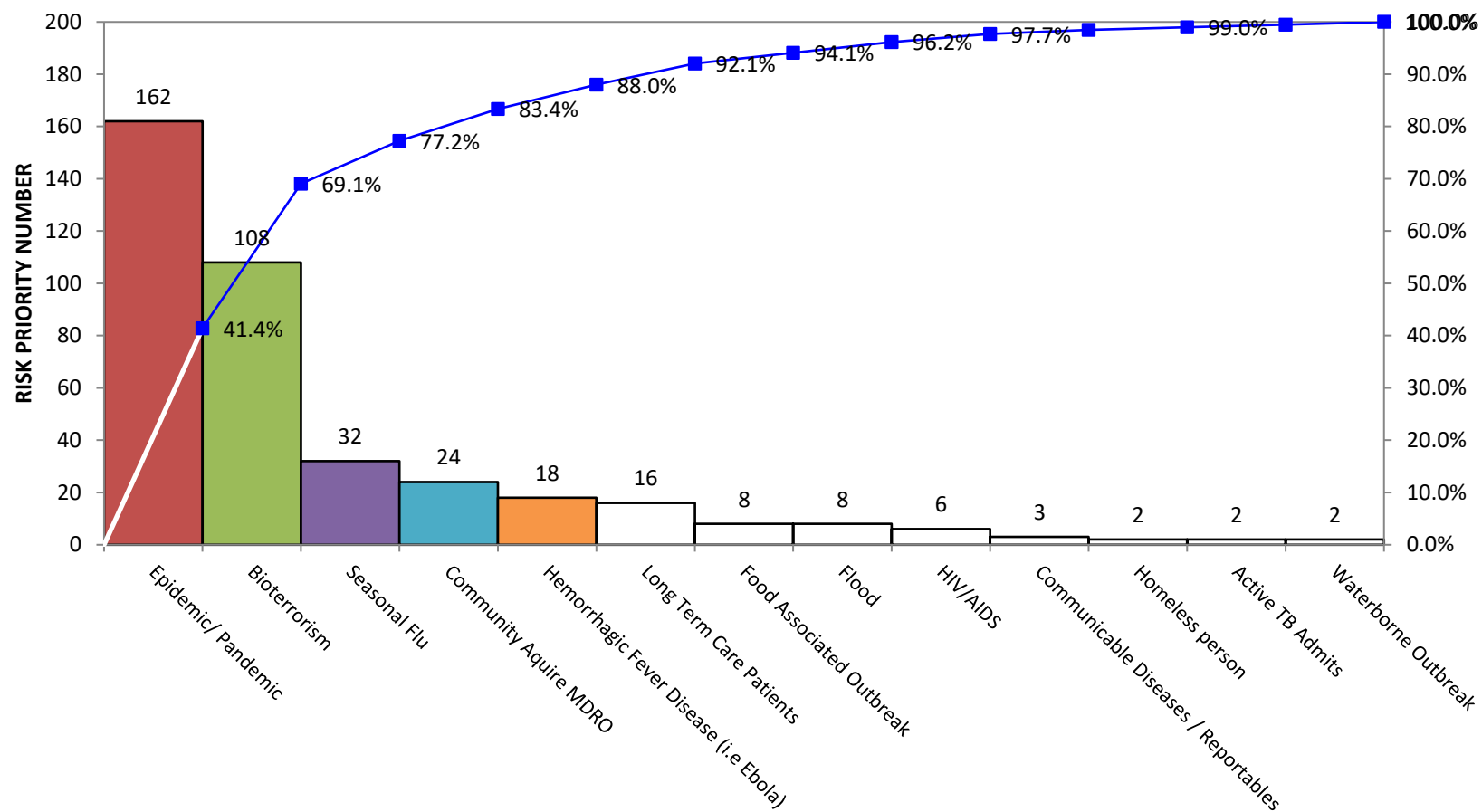
EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RPN
	<i>Likelihood this will occur</i>	LIFE THREAT	PERMANENT HARM	PATIENT CARE IMPACT	PREPARED- NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	RISK PRIORITY NUMBER
SCORE	1 = Low 2 = Moderate 3 = High	1 = Low 2 = Moderate 3 = High	1 = Low 2 = Moderate 3 = High	1 = Low 2 = Moderate 3 = High	1 = High 2 = Moderate 3 = Low or none	1 = High 2 = Moderate 3 = Low or none	1 = High 2 = Moderate 3 = Low or none	
Central Lines BSI	2	2	2	3	1	1	2	48
MDRO	2	2	2	3	2	2	1	96
Catheter Associated UTI	2	1	1	3	2	2	2	48
Surgical Site Infection	3	2	2	3	2	2	2	288
Active TB, Unknown at time of admission	2	1	1	3	1	1	2	12
Notification of Community Acquired Infections	1	1	1	2	1	2	2	8
VAE	2	2	2	2	1	1	1	16
Outbreak	3	1	2	3	1	1	1	18
C. Diff Infection	3	1	1	2	2	2	1	24
Blood culture contamination	2	2	1	2	1	1	1	8
Other HAI (conjunctivitis, flu, non-device related BSI)	1	1	1	2	1	1	1	2
No Internal Notification of HAI's	1	1	1	2	2	1	1	4

HEALTHCARE ACQUIRED INFECTION RISKS CY2021



EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RPN
		LIFE THREAT	PERMANENT HARM	IMPACT PATIENT CARE	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	
	<i>Likelihood this will occur</i>	<i>Possibility of death</i>	<i>Functional losses & permanent injury</i>	<i>Individual or Interruption of services</i>	<i>Preplanning</i>	<i>Time, effectiveness, resources</i>	<i>Community/ Mutual Aid staff and supplies</i>	<i>RISK PRIORITY NUMBER</i>
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	1 = Low 2 = Moderate 3 = High	1 = Low 2 = Moderate 3 = High	1 = Low 2 = Moderate 3 = High	1 = High 2 = Moderate 3 = Low or none	1 = High 2 = Moderate 3 = Low or none	1 = High 2 = Moderate 3 = Low or none	
Bioterrorism	1	3	3	3	2	2	1	108
Seasonal Flu	2	2	1	2	2	2	1	32
Active TB Admits	2	1	1	1	1	1	1	2
Homeless person	1	1	1	2	1	1	1	2
HIV/AIDS	3	2	1	1	1	1	1	6
Long Term Care Patients	2	2	2	2	1	1	1	16
Community Acquire MDRO	3	1	1	2	2	2	1	24
Epidemic/ Pandemic	3	3	3	3	1	2	1	162
Food Associated Outbreak	1	1	1	2	2	2	1	8
Flood	1	1	1	2	2	2	1	8
Communicable Diseases / Reportables	3	1	1	1	1	1	1	3
Hemorrhagic Fever Disease (i.e Ebola)	1	3	2	3	1	1	1	18
Waterborne Outbreak	1	1	1	2	1	1	1	2

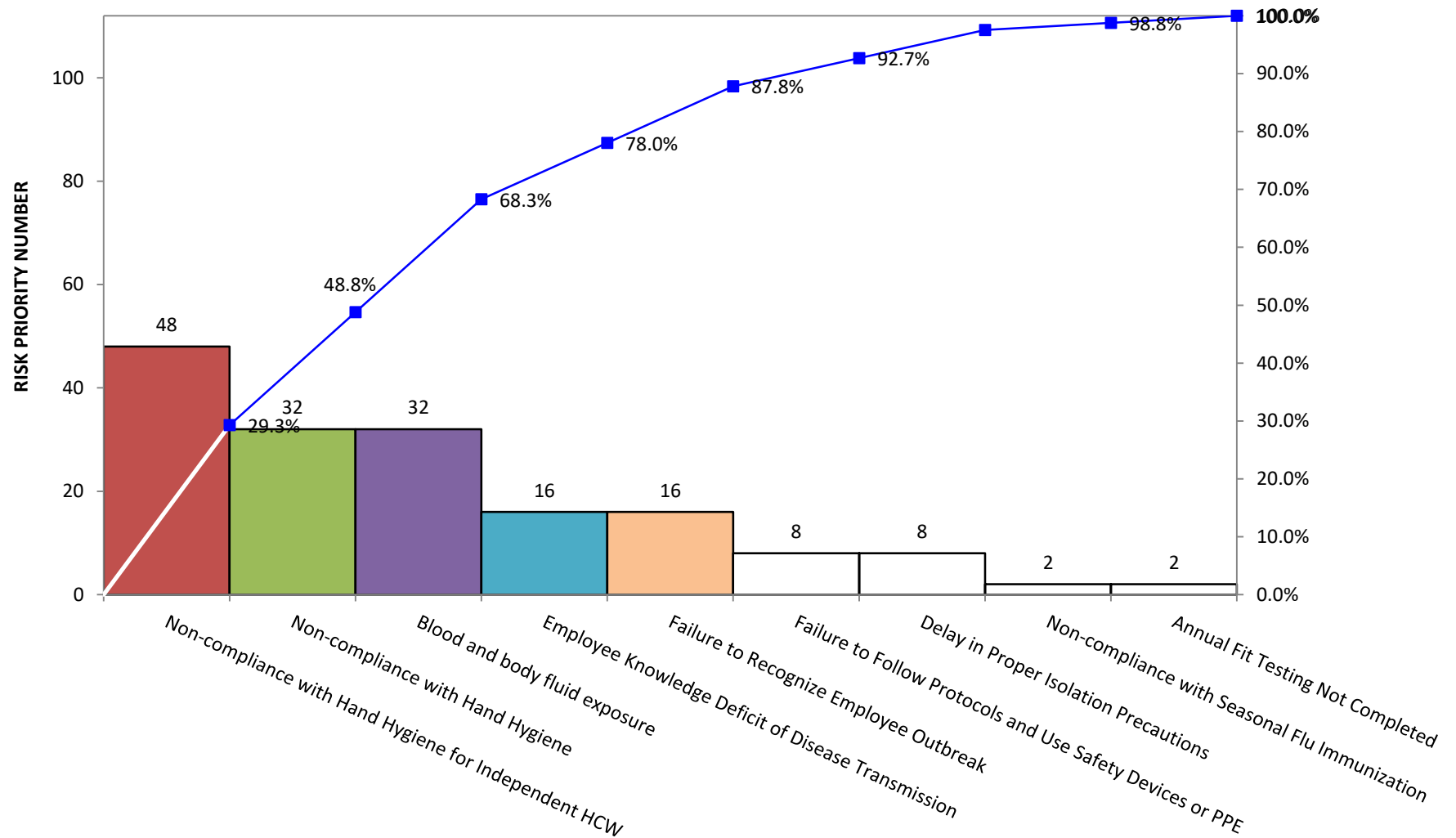
COMMUNITY RISKS CY2021



**CY2021 INFECTION PREVENTION/CONTROL RISK ASSESSMENT
HEALTH CARE WORKER RELATED RISKS**

EVENT	PROBABILITY <i>Likelihood this will occur</i>	SEVERITY = (MAGNITUDE - MITIGATION)						RPN <i>RISK PRIORITY NUMBER</i>
		LIFE THREAT	PERMANENT HARM	IMPACT PATIENT CARE	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	
SCORE	1 = Low 2 = Moderate 3 = High	1 = Low 2 = Moderate 3 = High	1 = Low 2 = Moderate 3 = High	1 = Low 2 = Moderate 3 = High	1 = High 2 = Moderate 3 = Low or none	1 = High 2 = Moderate 3 = Low or none	1 = High 2 = Moderate 3 = Low or none	
Non-compliance with Seasonal Flu Immunization	1	1	1	2	1	1	1	2
Employee Knowledge Deficit of Disease Transmission	2	1	1	1	2	2	2	16
Non-compliance with Hand Hygiene	2	1	1	2	2	2	2	32
Non-compliance with Hand Hygiene for Independent HCW	3	1	1	2	2	2	2	48
Failure to Follow Protocols and Use Safety Devices or PPE	2	1	1	1	1	2	2	8
Delay in Proper Isolation Precautions	1	1	1	2	1	2	2	8
Blood and body fluid exposure	2	1	2	2	1	2	2	32
Annual Fit Testing Not Completed	1	1	1	1	1	2	1	2
Failure to Recognize Employee Outbreak	1	1	1	2	2	2	2	16

HEALTHCARE WORKER RELATED RISKS CY2021



**CY2021 INFECTION PREVENTION/CONTROL RISK ASSESSMENT
ENVIRONMENTAL RISKS**

EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RPN
		LIFE THREAT	PERMANENT HARM	IMPACT PATIENT CARE	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	RISK PRIORITY NUMBER
	<i>Likelihood this will occur</i>	<i>Possibility of death</i>	<i>Functional losses or injury</i>	<i>Individual or Interruption of services</i>	<i>Preplanning</i>	<i>Time, effectiveness, resources</i>	<i>Community/ Mutual Aid staff and supplies</i>	
SCORE	1 = Low 2 = Moderate 3 = High	1 = Low 2 = Moder 3 = High	1 = Low 2 = Moderate 3 = High	1 = Low 2 = Moderate 3 = High	1 = High 2 = Moderate 3 = Low or none	1 = High 2 = Moderate 3 = Low or none	1 = High 2 = Moderate 3 = Low or none	
Inadequate Supplies of Personal Protective Equipment	2	1	2	3	2	2	2	96
Improper handling of Biohazardous Waste	2	1	2	2	2	2	1	32
Improper Sharps Handling	2	1	2	2	2	1	1	16
Improper Sterilization of Equipment/Medical Device	2	2	3	3	2	2	1	144
Improper Disinfection of Equipment/Medical Device	2	1	2	2	2	1	1	16
Improper Environmental Cleaning	2	1	1	3	2	3	2	72
Failure of Negative Pressure Ventilation	2	1	1	3	1	1	1	6
Inadequate Preconstruction IC Planning & Risk Assessment	2	1	1	2	2	2	1	16
Surgical Services - Environmental controls (air exchange, temp, humidity monitoring) Fallout	2	1	1	2	1	2	1	8
Inadequate High Level Disinfection of Medical Devices	2	1	2	2	2	2	1	32
Air Quality Fallouts	1	1	2	3	1	1	1	6

ENVIRONMENTAL RISKS CY2021

