

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:

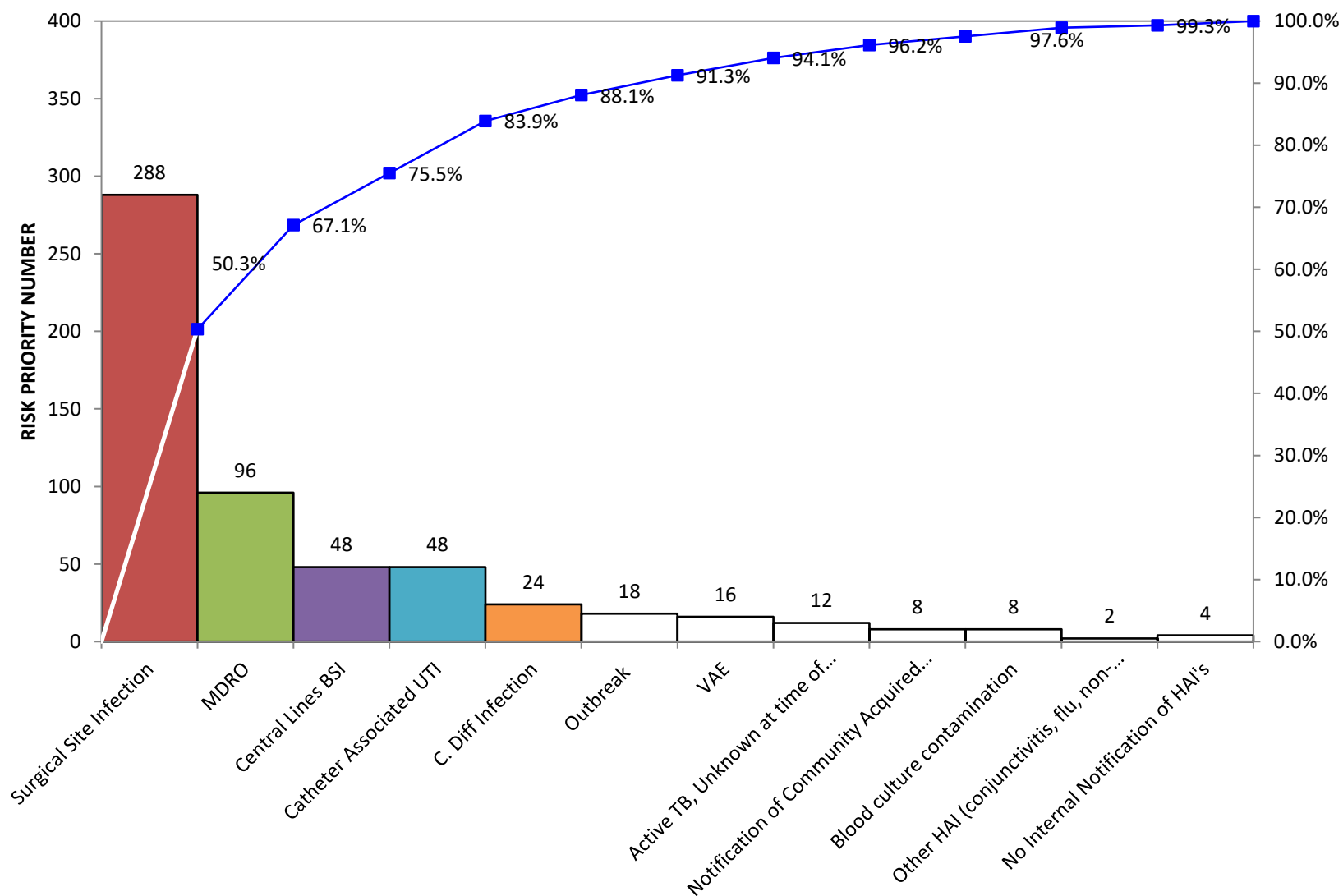
- 1 Types of agreements with community agencies
- 2 Coordination with local and state agencies
- 3 Coordination with proximal health care facilities
- 4 Coordination with treatment specific facilities
- 5 Community resources

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

CY2021 INFECTION CONTROL RISK ASSESSMENT
HAI RISKS

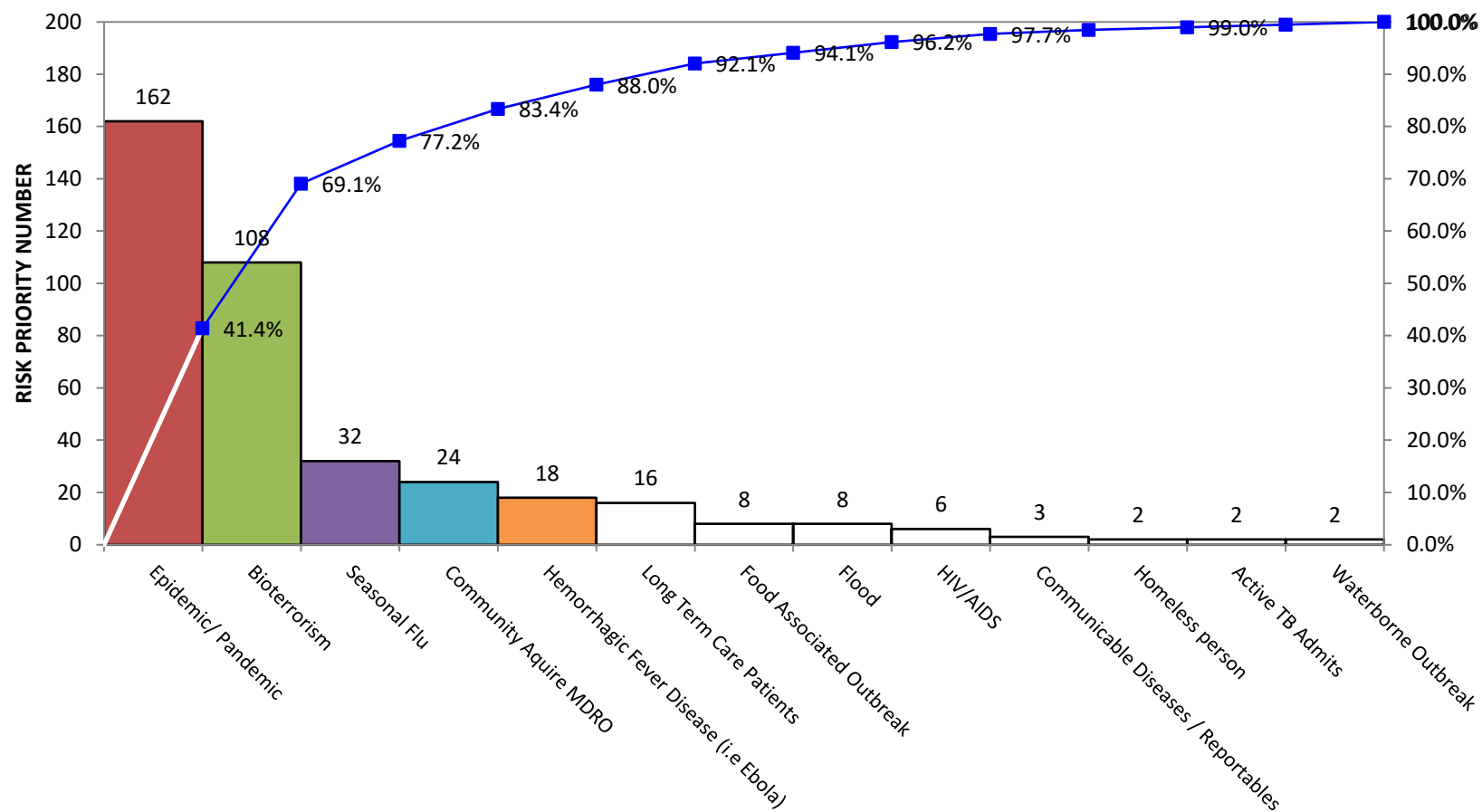
| EVENT | PROBABILITY | SEVERITY = (MAGNITUDE - MITIGATION) | | | | | | RPN |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|---|---|-------------------------|
| | <i>Likelihood this will 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 |

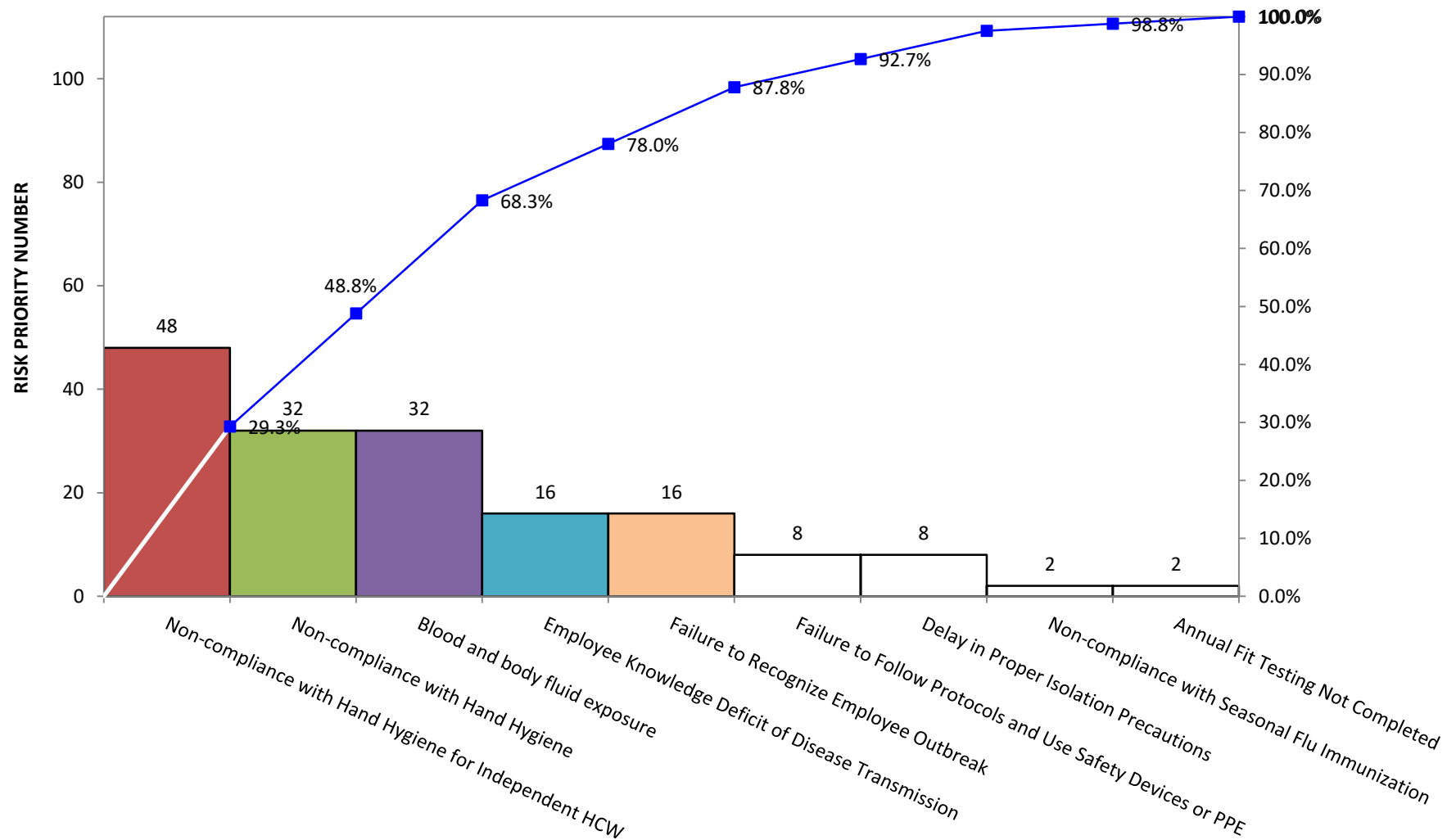
COMMUNITY RISKS CY2021



**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

