

Appendix F
Example 1. Kaiser Permanente Hazard Vulnerability Analysis

HAZARD AND VULNERABILITY ASSESSMENT TOOL
(example of format used with a complete threat list)

RISK = PROBABILITY * SEVERITY

TECHNOLOGIC EVENTS

EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RISK
		HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	
		<i>Likelihood this will occur</i>	<i>Possibility of death or injury</i>	<i>Physical losses and damages</i>	<i>Interruption of services</i>	<i>Preplanning</i>	<i>Time, effectiveness, resources</i>	
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 - 100%
Mass Casualty Incident (trauma)								
Terrorism, Biological								
Mass Casualty Incident (medical/infectious)								
Fuel Shortage								
Natural Gas Failure								
Water Failure								
Sewer Failure								
Steam Failure								
Fire Alarm Failure								
Communications Failure								
Medical Vacuum Failure								
HVAC Failure								
Information Systems Failure								
Fire, Internal								
Hazmat Exposure, Internal								
AVERAGE SCORE								

[§]Threat increases with percentage.