

# Hazard Vulnerability Analysis

**FACILITY NAME:** Western Coalition

**YEAR:** 2021

**VERSION:** 1

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# Top Risks

Hazards are ranked according to vulnerability, which is the comparative significance of the threat based on probability, magnitude and mitigation.

Rank	Hazard	Incidents	Vulnerability	Preparedness
1	Epidemic	2	100%	Low
2	Infectious Disease Outbreak	2	100%	Low
3	Pandemic	1	95%	Low
4	Patient Surge	1	95%	Low
5	Supply Chain Shortage / Failure	1	95%	Low
6	Mass Casualty Incident	1	87%	Low
7	Earthquake	0	79%	Low
8	IT System Outage	0	78%	Low
9	Transportation Failure	0	78%	Medium
10	Hazmat Incident with Mass Casualties	0	74%	Medium
11	Suspicious Package / Substance	0	74%	Low
12	Water Disruption	0	73%	Low
13	Active Shooter	0	72%	Low
14	Acts of Intent	0	72%	Low
15	Wildland Fire	1	72%	High
16	Power Outage	0	71%	Medium
17	Evacuation	0	69%	Low
18	Communication / Telephony Failure	0	67%	Medium
19	Hazmat Incident	0	67%	High
20	Workplace Violence / Threat	0	67%	Medium
21	Bomb Threat	0	65%	Medium
22	Sewer Failure	0	64%	Medium
23	Inclement Weather	0	63%	High
24	Seasonal Influenza	0	63%	High
25	Suicide	0	63%	Medium
26	Dam Failure	0	61%	Low
27	Explosion	0	60%	Low
28	HVAC Failure	0	60%	High
29	Water Contamination	0	60%	High
30	Landslide	0	55%	Low

31	Temperature Extremes	0	55%	High
32	Internal Fire	0	53%	High
33	External Flood	0	51%	High
34	Trauma	0	51%	High
35	Internal Flood	0	49%	High
36	Shelter in Place	0	46%	High
37	Forensic Admission	0	43%	High
38	VIP Situation	0	43%	High
39	Gas / Emissions Leak	0	42%	Medium
40	Radiation Exposure	0	42%	Medium
41	Generator Failure	0	38%	High
42	Natural Gas Disruption	0	38%	Medium
43	Planned Power Outages	0	38%	High

**PREPARED BY:**

**SIGNATURE:**

## Hazards

**HAZARD: #1 Epidemic**

**PROBABILITY: High**

**MAGNITUDE**

Human Impact: **High**

Property Impact: **High**

Business Impact: **High**

**MITIGATION**

Preparedness: **Low**

Internal Response: **Low**

External Response: **Low**

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: **2**

**HAZARD: #2 Infectious Disease Outbreak**

**PROBABILITY: High**

**MAGNITUDE**

Human Impact: **High**

Property Impact: **High**

Business Impact: **High**

**MITIGATION**

Preparedness: **Low**

Internal Response: **Low**

External Response: **Low**

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: **2**

**HAZARD: #3 Pandemic****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **Low****ASSOCIATED INCIDENTS****There are no incidents associated**

Incidents managed outside of eICS: 1

**HAZARD: #4 Patient Surge****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **Low****ASSOCIATED INCIDENTS****There are no incidents associated**

Incidents managed outside of eICS: 1

**HAZARD: #5 Supply Chain Shortage / Failure****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **Low****ASSOCIATED INCIDENTS****There are no incidents associated**

Incidents managed outside of eICS: 1

**HAZARD: #6 Mass Casualty Incident****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Medium**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **Medium****ASSOCIATED INCIDENTS****There are no incidents associated**

Incidents managed outside of eICS: 1

**HAZARD: #7 Earthquake****PROBABILITY: Medium****MAGNITUDE**Human Impact: **Medium**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **Low****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #8 IT System Outage****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Medium**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Medium**External Response: **Medium****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #9 Transportation Failure****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Medium**Internal Response: **Medium**External Response: **Medium****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #10 Hazmat Incident with Mass Casualties****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Medium**Internal Response: **Medium**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**



**HAZARD: #11 Suspicious Package / Substance****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #12 Water Disruption****PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **Medium****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #13 Active Shooter****PROBABILITY: Medium****MAGNITUDE**Human Impact: **High**Property Impact: **Medium**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Medium**External Response: **Medium****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #14 Acts of Intent****PROBABILITY: Medium****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Medium**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #15 Wildland Fire****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **1****HAZARD: #16 Power Outage****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Medium**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #17 Evacuation****PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **Low****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #18 Communication / Telephony Failure****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **Medium**Internal Response: **Medium**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #19 Hazmat Incident****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Medium**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **Medium**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #20 Workplace Violence / Threat****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **Medium**Internal Response: **Medium**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #21 Bomb Threat****PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Medium**Internal Response: **Low**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #22 Sewer Failure****PROBABILITY: Medium****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Medium**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #23 Inclement Weather****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Medium**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #24 Seasonal Influenza****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **Medium****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **Low****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #25 Suicide****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **Low****MITIGATION**Preparedness: **Medium**Internal Response: **Medium**External Response: **Medium****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #26 Dam Failure****PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**



**HAZARD: #27 Explosion****PROBABILITY: Medium****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #28 HVAC Failure****PROBABILITY: Medium****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #29 Water Contamination****PROBABILITY: Medium****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #30 Landslide****PROBABILITY: High****MAGNITUDE**Human Impact: **Medium**Property Impact: **Medium**Business Impact: **Low****MITIGATION**Preparedness: **Low**Internal Response: **NotApplicable**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #31 Temperature Extremes****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **Medium****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #32 Internal Fire****PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #33 External Flood****PROBABILITY: High****MAGNITUDE**Human Impact: **Low**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #34 Trauma****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **Low****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #35 Internal Flood****PROBABILITY: Low****MAGNITUDE**Human Impact: **Medium**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #36 Shelter in Place****PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #37 Forensic Admission****PROBABILITY: High****MAGNITUDE**Human Impact: **Low**Property Impact: **Low**Business Impact: **Low****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #38 VIP Situation****PROBABILITY: High****MAGNITUDE**Human Impact: **Low**Property Impact: **Low**Business Impact: **Low****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #39 Gas / Emissions Leak****PROBABILITY: Low****MAGNITUDE**Human Impact: **Medium**Property Impact: **Low**Business Impact: **Medium****MITIGATION**Preparedness: **Medium**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #40 Radiation Exposure****PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **Low****MITIGATION**Preparedness: **Medium**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: #41 Generator Failure****PROBABILITY: Low****MAGNITUDE**Human Impact: **Low**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: #42 Natural Gas Disruption****PROBABILITY: Low****MAGNITUDE**Human Impact: **Low**Property Impact: **Low**Business Impact: **Medium****MITIGATION**Preparedness: **Medium**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**



**HAZARD: #43 Planned Power Outages****PROBABILITY: Low****MAGNITUDE**Human Impact: **Medium**Property Impact: **Medium**Business Impact: **Medium****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **NotApplicable****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Building Move****PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD: Chemical Exposure, External**

**PROBABILITY: NotApplicable**

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: **0**

**HAZARD: Civil Unrest**

**PROBABILITY: NotApplicable**

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: **0**

**HAZARD: Drought****PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Fire****PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD:** Flood

**PROBABILITY:** NotApplicable

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: 0

**HAZARD:** Hostage Situation

**PROBABILITY:** NotApplicable

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: 0

**HAZARD:**        **Hurricane**

**PROBABILITY:**    **NotApplicable**

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS:        **0**

**HAZARD:**        **Large Internal Spill**

**PROBABILITY:**    **NotApplicable**

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS:        **0**

**HAZARD: Natural Gas Failure**

**PROBABILITY: NotApplicable**

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: **0**

**HAZARD: Other**

**PROBABILITY: NotApplicable**

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: **0**

**HAZARD: Other Utility Failure**

**PROBABILITY: NotApplicable**

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: **0**

**HAZARD: Picketing**

**PROBABILITY: NotApplicable**

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: **0**

**HAZARD: Strikes / Labor Action / Work Stoppage**

**PROBABILITY: NotApplicable**

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: **0**

**HAZARD: Suspicious Odor**

**PROBABILITY: NotApplicable**

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS: **0**



**HAZARD: Tornado****PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Tsunami****PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

**HAZARD:**      **Weapon**

**PROBABILITY:**      **NotApplicable**

**MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

**MITIGATION**

Preparedness:

Internal Response:

External Response:

**ASSOCIATED INCIDENTS**

**There are no incidents associated**

Incidents managed outside of eICS:

**0**