



To: Bay Area UASI Approval Authority
From: Catherine Spaulding, Assistant General Manager
Date: July 14, 2016
Re: Item 8: FY17 Risk and Gap Analysis

Staff Recommendations:

None

Action or Discussion Items:

Discussion

Discussion:

The Management Team is pleased to present the updated FY17 Risk and Gap Analysis. This report shows us where gaps are greatest and risk level the highest by core capability in the Bay Area region.

The Management Team produces the Risk and Gap Analysis on an annual basis. At the regional level, we use this information to determine what is eligible for funding for the coming grant year. This approach aligns us with Approval Authority Bylaws, which specify that the Approval Authority must use a risk and capability-based methodology to apply for and allocate grant funds. This is also consistent with guidance from DHS that grant dollars must be used to close demonstrated and prioritized capability gaps.

For the first time, this year the Risk and Gap Analysis also includes risk and gap analysis results at the operational area and core city level. These documents are provided for information only and will not factor into sub-recipient grant proposal eligibility. However, we hope that jurisdictions find these reports helpful when planning uses of local UASI and other funds.

This report includes the following information:

- Table 1 – FY17 Top Five Core Capabilities in Terms of Risk and Gap
- Table 2 – FY17 Regional Risk and Gap Analysis
- FY17 Operational Area and Core City Risk and Gap Analyses

Changes from Last Year:

There are some minor changes in the regional risk and gap list from last year. These changes are driven by two factors: 1) an upgrade in the methodology used to determine the list made by Haystax in order to improve accuracy; 2) annual changes in our critical infrastructure asset catalogue, largely driven by the asset database clean up completed at the end of CY 2015.

A major driver of the results of the Risk and Gap Analysis is the capability assessment information. Regional subject matter experts refresh this data every two years. The next planned update of these data are in 2017. In the off year between updates, such as this year, we typically see little change in the risk and gap results.

Methodology:

The Risk and Gap Analysis is created by analyzing asset risk, the threats we face in the Bay Area, and our level of ability to address these threats. The Cal COP software determines a “risk relevance” ranking for each core capability based on asset and threat information within the system. The risk relevance ranking information is then combined with the Bay Area’s own, self-assessed level of ability gathered in regional workshops of subject matter experts on a biennial basis. While the risk assessment is driven by terrorism risk, most, if not all of the capabilities involved in the assessment can be used to address natural hazards as well.

Specific data from the Capability Assessment Tool, the Threat and Hazard Identification and Risk Assessment (THIRA), as well as outreach to subject matter experts helped the Management Team to determine the “Bay Area Regional Responses” column in Table 1.

Risk and Gap Reports in Cal COP:

Risk and gap reports can be found in Cal COP. In order to access this information:

1. Go to the “Data Management” tab
2. Select “Capabilities”
3. Select “Assessment List”
4. Click on your jurisdiction’s Core Capability Assessment Report
5. Look to the lower left of the screen and then select “Generate Risk and Gap Report” under “Actions.”

Contact Mason Feldman at the Management Team (mason.feldmen@sfgov.org) if you need assistance accessing this information.

Table 1: FY17 Top Five Core Capabilities in Terms of Risk and Gap for the Bay Area Region

Risk and Gap	Core Capability	FEMA Core Capability Description	Bay Area Regional Responses
1	Supply Chain Security and Integrity	Strengthen the security and resilience of the supply chain. Mission Area: Protection	<ul style="list-style-type: none"> • C-POD planning and TTX series • 2016 Urban Shield/Yellow Command Exercise
2	Infrastructure Systems	Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient community. Mission Area: Response, Recovery	<ul style="list-style-type: none"> • Water systems restoration seminars in 2016; integration in Urban Shield/Yellow Command 2016 • Focus on fuel as a critical lifeline in 2017 Urban Shield/Yellow Command Exercise and TTX series • Partnership with FEMA and ABAG efforts to make progress on critical lifelines interdependencies
3	Cyber Security	Protect against damage to, the unauthorized use of, and/or the exploitation of electronic communications systems and services (and the information contained therein). Mission Area: Protection	Continued evolution of cyber security investment with the NCRIC and cyber security training
4	Screening, Search, and Detection	Identify, discover, or locate threats and/or hazards through active and passive surveillance and search procedures. This may include the use of systematic examinations and assessments, sensor technologies, or physical investigation and intelligence. Mission Areas: Prevention, Protection	<ul style="list-style-type: none"> • FY16 PRND equipment regional allocation • Continued evolution of the Radiological/Nuclear Detection Program
5	Public Information and Warning	Deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard, as well as the actions being taken and the assistance being made available. Mission areas: Protection, Prevention, Mitigation, Response, Recovery	<ul style="list-style-type: none"> • FY16 regional project to develop a regional JIS plan and associated training • Urban Shield/Yellow Command JIC-JIS exercise

Table 2: FY17 Regional Risk and Gap Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Supply Chain Security and Integrity	12	14%	Needs Extra Attention
2	Infrastructure Systems	3	23%	Needs Extra Attention
3	Cyber Security	1	34%	Needs Extra Attention
4	Screening, Search, and Detection	11	35%	Needs Attention
5	Public Information and Warning	9	37%	Needs Attention
6	Critical Transportation	19	26%	Needs Attention
7	Operational Communications	8	42%	Needs Attention
8	Access Control and Identity Verification	21	34%	Needs Attention
9	Physical Protective Measures	17	42%	Needs Attention
10	Mass Care Services	18	41%	Needs Attention
11	Intelligence and Information Sharing	4	54%	Needs Attention
12	Forensics and Attribution	2	54%	Needs Attention
13	Interdiction and Disruption	5	62%	Needs Attention
14	Environmental Response, Health and Safety	20	51%	Sustain
15	Natural and Cultural Resources	28	25%	Sustain
16	Situational Assessment	22	57%	Sustain
17	Mass Search and Rescue	6	77%	Sustain
18	Planning	15	73%	Sustain
19	Community Resilience	16	74%	Sustain
20	Fatality Management Services	23	56%	Sustain
21	Housing	25	42%	Sustain
22	Long-Term Vulnerability Reduction	29	32%	Sustain
23	Economic and Community Recovery	27	38%	Sustain
24	Threat and Hazard Identification	13	82%	Sustain
25	Risk Management Protection Prgms & Activities	14	83%	Sustain
26	On-Scene Security and Protection	7	85%	Sustain
27	Risk and Disaster Resilience Assessment	10	86%	Sustain
28	Health and Social Services	31	33%	Sustain
29	Public and Private Services and Resources	26	53%	Sustain
30	Public Health and Medical Services	24	71%	Sustain
31	Operational Coordination	30	74%	Sustain

Operational Area and Core City FY17 Regional Risk and Gap Reports

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Alameda County Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Infrastructure Systems	3	21%	Needs Extra Attention
2	Public Information and Warning	9	29%	Needs Extra Attention
3	Long-term Vulnerability Reduction	6	39%	Needs Extra Attention
4	Physical Protective Measures	7	58%	Needs Attention
5	Critical Transportation	23	33%	Needs Attention
6	Supply Chain Integrity and Security	26	24%	Needs Attention
7	Community Resilience	1	73%	Needs Attention
8	Situational Assessment	12	74%	Needs Attention
9	Interdiction and Disruption	5	75%	Needs Attention
10	Intelligence and Information Sharing	4	77%	Needs Attention
11	Cybersecurity	19	48%	Needs Attention
12	Operational Communications	16	69%	Needs Attention
13	Risk Management for Protection Programs & Activities	11	83%	Needs Attention
14	Forensics and Attribution	2	84%	Needs Attention
15	Threats and Hazard Identification	13	84%	Needs Attention
16	Screening, Search, and Detection	14	80%	Needs Attention
17	Access Control and Identity Verification	17	63%	Needs Attention
18	Planning	8	86%	Sustain
19	Health and Social Services	25	42%	Sustain
20	Operational Coordination	15	78%	Sustain
21	Risk and Disaster Resilience Assessment	10	98%	Sustain
22	Fatality Management Service	21	67%	Sustain
23	Public Health and Medical Services	18	71%	Sustain
24	Natural and Cultural Resources	27	55%	Sustain
25	Mass Care Services	30	48%	Sustain
26	Mass Search and Rescue Operations	20	80%	Sustain
27	Public and Private Services and Resources	29	53%	Sustain
28	Economic Recovery	28	60%	Sustain
29	Environmental Response/Health and Safety	24	75%	Sustain
30	Housing	31	62%	Sustain
31	On-scene Security and Protection	22	98%	Sustain

Contra Costa County Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Interdiction and Disruption	5	37%	Needs Extra Attention
2	Critical Transportation	18	22%	Needs Extra Attention
3	Screening, Search, and Detection	14	50%	Needs Attention
4	Physical Protective Measures	7	54%	Needs Attention
5	Intelligence and Information Sharing	4	59%	Needs Attention
6	Long-term Vulnerability Reduction	6	60%	Needs Attention
7	Community Resilience	1	62%	Needs Attention
8	Risk Management for Protection Programs & Activities	11	68%	Needs Attention
9	Situational Assessment	12	68%	Needs Attention
10	Risk and Disaster Resilience Assessment	10	71%	Needs Attention
11	Forensics and Attribution	2	73%	Needs Attention
12	Infrastructure Systems	3	74%	Needs Attention
13	Cybersecurity	22	48%	Needs Attention
14	Public Information and Warning	9	79%	Needs Attention
15	Operational Coordination	15	76%	Needs Attention
16	Threats and Hazard Identification	13	90%	Sustain
17	On-scene Security and Protection	17	74%	Sustain
18	Operational Communications	16	84%	Sustain
19	Supply Chain Integrity and Security	26	43%	Sustain
20	Planning	8	94%	Sustain
21	Access Control and Identity Verification	20	75%	Sustain
22	Mass Search and Rescue Operations	23	66%	Sustain
23	Fatality Management Service	21	76%	Sustain
24	Public Health and Medical Services	19	83%	Sustain
25	Public and Private Services and Resources	29	59%	Sustain
26	Health and Social Services	25	81%	Sustain
27	Environmental Response/Health and Safety	24	89%	Sustain
28	Economic Recovery	27	72%	Sustain
29	Housing	31	67%	Sustain
30	Natural and Cultural Resources	28	78%	Sustain
31	Mass Care Services	30	78%	Sustain

Marin County Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Access Control and Identity Verification	18	17%	Needs Extra Attention
2	Screening, Search, and Detection	14	29%	Needs Extra Attention
3	Infrastructure Systems	3	40%	Needs Extra Attention
4	Risk Management for Protection Programs & Activities	11	65%	Needs Attention
5	Intelligence and Information Sharing	4	66%	Needs Attention
6	Public Information and Warning	9	70%	Needs Attention
7	Forensics and Attribution	2	72%	Needs Attention
8	Community Resilience	1	73%	Needs Attention
9	Risk and Disaster Resilience Assessment	10	78%	Needs Attention
10	Physical Protective Measures	7	81%	Needs Attention
11	Cybersecurity	25	37%	Needs Attention
12	Interdiction and Disruption	5	83%	Needs Attention
13	Planning	8	84%	Needs Attention
14	Situational Assessment	12	85%	Needs Attention
15	Threats and Hazard Identification	13	85%	Needs Attention
16	Operational Communications	16	85%	Needs Attention
17	Critical Transportation	21	73%	Needs Attention
18	Operational Coordination	15	86%	Needs Attention
19	Long-term Vulnerability Reduction	6	91%	Sustain
20	Mass Search and Rescue Operations	17	90%	Sustain
21	Health and Social Services	23	52%	Sustain
22	Public Health and Medical Services	19	87%	Sustain
23	Fatality Management Service	20	89%	Sustain
24	On-scene Security and Protection	22	89%	Sustain
25	Public and Private Services and Resources	29	46%	Sustain
26	Supply Chain Integrity and Security	26	65%	Sustain
27	Housing	31	51%	Sustain
28	Mass Care Services	27	62%	Sustain
29	Economic Recovery	28	63%	Sustain
30	Natural and Cultural Resources	30	75%	Sustain
31	Environmental Response/Health and Safety	24	96%	Sustain

Monterey County Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Physical Protective Measures	7	8%	Needs Extra Attention
2	Intelligence and Information Sharing	4	14%	Needs Extra Attention
3	Long-term Vulnerability Reduction	6	15%	Needs Extra Attention
4	Access Control and Identity Verification	17	15%	Needs Extra Attention
5	Screening, Search, and Detection	14	43%	Needs Attention
6	Interdiction and Disruption	5	46%	Needs Attention
7	Forensics and Attribution	2	47%	Needs Attention
8	Supply Chain Integrity and Security	27	0%	Needs Attention
9	Infrastructure Systems	3	50%	Needs Attention
10	Community Resilience	1	55%	Needs Attention
11	Situational Assessment	12	61%	Needs Attention
12	Risk Management for Protection Programs & Activities	11	65%	Needs Attention
13	Operational Communications	16	65%	Needs Attention
14	Planning	8	67%	Needs Attention
15	Mass Search and Rescue Operations	19	68%	Needs Attention
16	Public Information and Warning	9	77%	Sustain
17	On-scene Security and Protection	18	75%	Sustain
18	Health and Social Services	23	56%	Sustain
19	Operational Coordination	15	84%	Sustain
20	Risk and Disaster Resilience Assessment	10	90%	Sustain
21	Fatality Management Service	21	80%	Sustain
22	Cybersecurity	22	74%	Sustain
23	Economic Recovery	26	70%	Sustain
24	Threats and Hazard Identification	13	100%	Sustain
25	Public Health and Medical Services	20	93%	Sustain
26	Environmental Response/Health and Safety	24	77%	Sustain
27	Critical Transportation	25	89%	Sustain
28	Mass Care Services	29	70%	Sustain
29	Natural and Cultural Resources	28	78%	Sustain
30	Public and Private Services and Resources	30	81%	Sustain
31	Housing	31	80%	Sustain

City of Oakland Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Infrastructure Systems	3	8%	Needs Extra Attention
2	Physical Protective Measures	7	17%	Needs Extra Attention
3	Situational Assessment	12	27%	Needs Extra Attention
4	Access Control and Identity Verification	18	29%	Needs Attention
5	Critical Transportation	22	34%	Needs Attention
6	Cybersecurity	23	34%	Needs Attention
7	Long-term Vulnerability Reduction	6	58%	Needs Attention
8	Intelligence and Information Sharing	4	60%	Needs Attention
9	Interdiction and Disruption	5	68%	Needs Attention
10	Forensics and Attribution	2	73%	Needs Attention
11	Public Information and Warning	9	78%	Needs Attention
12	Operational Communications	16	77%	Sustain
13	Housing	31	18%	Sustain
14	Screening, Search, and Detection	14	80%	Sustain
15	Supply Chain Integrity and Security	26	33%	Sustain
16	Public Health and Medical Services	19	70%	Sustain
17	Operational Coordination	15	85%	Sustain
18	Risk and Disaster Resilience Assessment	10	87%	Sustain
19	Fatality Management Service	20	73%	Sustain
20	Threats and Hazard Identification	13	92%	Sustain
21	Planning	8	93%	Sustain
22	Risk Management for Protection Programs & Activities	11	95%	Sustain
23	Community Resilience	1	96%	Sustain
24	Economic Recovery	27	58%	Sustain
25	On-scene Security and Protection	17	97%	Sustain
26	Mass Search and Rescue Operations	21	91%	Sustain
27	Public and Private Services and Resources	30	58%	Sustain
28	Environmental Response/Health and Safety	24	79%	Sustain
29	Natural and Cultural Resources	28	70%	Sustain
30	Mass Care Services	29	69%	Sustain
31	Health and Social Services	25		No Answers Provided Yet

San Benito County Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Physical Protective Measures	7	6%	Needs Extra Attention
2	Intelligence and Information Sharing	4	7%	Needs Extra Attention
3	Interdiction and Disruption	5	16%	Needs Extra Attention
4	Long-term Vulnerability Reduction	6	17%	Needs Extra Attention
5	Risk Management for Protection Programs & Activities	11	19%	Needs Extra Attention
6	Public Information and Warning	9	23%	Needs Extra Attention
7	Risk and Disaster Resilience Assessment	10	25%	Needs Extra Attention
8	Access Control and Identity Verification	17	9%	Needs Extra Attention
9	Screening, Search, and Detection	14	25%	Needs Extra Attention
10	Forensics and Attribution	2	35%	Needs Attention
11	Operational Communications	16	25%	Needs Attention
12	Cybersecurity	26	7%	Needs Attention
13	Infrastructure Systems	3	45%	Needs Attention
14	Critical Transportation	19	21%	Needs Attention
15	Health and Social Services	29	10%	Needs Attention
16	Situational Assessment	12	50%	Needs Attention
17	Community Resilience	1	57%	Sustain
18	Threats and Hazard Identification	13	58%	Sustain
19	Fatality Management Service	22	25%	Sustain
20	Public Health and Medical Services	20	29%	Sustain
21	Planning	8	58%	Sustain
22	Natural and Cultural Resources	21	33%	Sustain
23	Environmental Response/Health and Safety	28	25%	Sustain
24	Economic Recovery	27	29%	Sustain
25	Public and Private Services and Resources	23	41%	Sustain
26	Mass Care Services	30	33%	Sustain
27	Housing	31	37%	Sustain
28	Operational Coordination	15	75%	Sustain
29	Mass Search and Rescue Operations	24	51%	Sustain
30	On-scene Security and Protection	18	100%	Sustain
31	Supply Chain Integrity and Security	25	100%	Sustain

City and County of San Francisco Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Screening, Search, and Detection	14	33%	Needs Extra Attention
2	Cybersecurity	17	28%	Needs Extra Attention
3	Infrastructure Systems	5	43%	Needs Attention
4	Physical Protective Measures	8	49%	Needs Attention
5	Health and Social Services	25	5%	Needs Attention
6	Operational Communications	16	47%	Needs Attention
7	Intelligence and Information Sharing	6	52%	Needs Attention
8	Long-term Vulnerability Reduction	3	53%	Needs Attention
9	Forensics and Attribution	2	57%	Needs Attention
10	Supply Chain Integrity and Security	26	10%	Needs Attention
11	Natural and Cultural Resources	27	15%	Needs Attention
12	Interdiction and Disruption	7	65%	Needs Attention
13	Access Control and Identity Verification	18	60%	Needs Attention
14	Critical Transportation	21	53%	Needs Attention
15	Operational Coordination	15	68%	Needs Attention
16	Risk Management for Protection Programs & Activities	4	73%	Needs Attention
17	Economic Recovery	28	28%	Sustain
18	Public Information and Warning	10	78%	Sustain
19	Planning	9	79%	Sustain
20	Situational Assessment	12	84%	Sustain
21	Community Resilience	1	87%	Sustain
22	Public Health and Medical Services	22	67%	Sustain
23	Mass Care Services	30	36%	Sustain
24	Risk and Disaster Resilience Assessment	11	93%	Sustain
25	Housing	31	36%	Sustain
26	Mass Search and Rescue Operations	20	79%	Sustain
27	Threats and Hazard Identification	13	96%	Sustain
28	On-scene Security and Protection	19	85%	Sustain
29	Fatality Management Service	23	73%	Sustain
30	Environmental Response/Health and Safety	24	61%	Sustain
31	Public and Private Services and Resources	29	67%	Sustain

City of San Jose Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Community Resilience	1	3%	Needs Extra Attention
2	Planning	8	4%	Needs Extra Attention
3	Situational Assessment	12	5%	Needs Extra Attention
4	Public Information and Warning	9	8%	Needs Extra Attention
5	Operational Coordination	16	8%	Needs Extra Attention
6	Physical Protective Measures	7	10%	Needs Extra Attention
7	Critical Transportation	20	7%	Needs Extra Attention
8	Long-term Vulnerability Reduction	6	13%	Needs Extra Attention
9	Threats and Hazard Identification	13	15%	Needs Extra Attention
10	Cybersecurity	21	9%	Needs Extra Attention
11	Risk Management for Protection Programs & Activities	11	18%	Needs Attention
12	Access Control and Identity Verification	17	17%	Needs Attention
13	Operational Communications	15	19%	Needs Attention
14	Risk and Disaster Resilience Assessment	10	21%	Needs Attention
15	Infrastructure Systems	3	21%	Needs Attention
16	Fatality Management Service	23	12%	Needs Attention
17	Health and Social Services	25	7%	Needs Attention
18	Mass Care Services	29	4%	Needs Attention
19	Supply Chain Integrity and Security	27	15%	Sustain
20	Economic Recovery	26	17%	Sustain
21	Housing	31	14%	Sustain
22	Screening, Search, and Detection	14	37%	Sustain
23	Natural and Cultural Resources	28	20%	Sustain
24	Public and Private Services and Resources	30	23%	Sustain
25	Intelligence and Information Sharing	4	54%	Sustain
26	Interdiction and Disruption	5	55%	Sustain
27	Environmental Response/Health and Safety	24	41%	Sustain
28	On-scene Security and Protection	19	58%	Sustain
29	Mass Search and Rescue Operations	18	59%	Sustain
30	Public Health and Medical Services	22	57%	Sustain
31	Forensics and Attribution	2	72%	Sustain

San Mateo County Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Critical Transportation	21	7%	Needs Extra Attention
2	Infrastructure Systems	3	26%	Needs Extra Attention
3	Long-term Vulnerability Reduction	6	31%	Needs Extra Attention
4	Public Information and Warning	9	40%	Needs Attention
5	Physical Protective Measures	7	53%	Needs Attention
6	Access Control and Identity Verification	18	48%	Needs Attention
7	Operational Communications	16	51%	Needs Attention
8	Fatality Management Service	22	41%	Needs Attention
9	Screening, Search, and Detection	14	53%	Needs Attention
10	Cybersecurity	17	54%	Needs Attention
11	Natural and Cultural Resources	28	10%	Needs Attention
12	Community Resilience	1	59%	Needs Attention
13	Situational Assessment	12	60%	Needs Attention
14	Planning	8	63%	Needs Attention
15	Risk Management for Protection Programs & Activities	11	72%	Needs Attention
16	Operational Coordination	15	70%	Sustain
17	Supply Chain Integrity and Security	26	30%	Sustain
18	Threats and Hazard Identification	13	81%	Sustain
19	Risk and Disaster Resilience Assessment	10	81%	Sustain
20	Housing	31	27%	Sustain
21	Health and Social Services	24	47%	Sustain
22	Economic Recovery	27	43%	Sustain
23	Forensics and Attribution	2	92%	Sustain
24	Public Health and Medical Services	20	82%	Sustain
25	Interdiction and Disruption	5	97%	Sustain
26	Intelligence and Information Sharing	4	97%	Sustain
27	On-scene Security and Protection	19	86%	Sustain
28	Public and Private Services and Resources	30	46%	Sustain
29	Mass Search and Rescue Operations	23	80%	Sustain
30	Mass Care Services	29	60%	Sustain
31	Environmental Response/Health and Safety	25	99%	Sustain

Santa Clara County Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Long-term Vulnerability Reduction	6	14%	Needs Extra Attention
2	Physical Protective Measures	7	27%	Needs Extra Attention
3	Public Information and Warning	9	44%	Needs Attention
4	Critical Transportation	20	17%	Needs Attention
5	Risk Management for Protection Programs & Activities	11	44%	Needs Attention
6	Operational Communications	16	39%	Needs Attention
7	Infrastructure Systems	3	50%	Needs Attention
8	Fatality Management Service	23	16%	Needs Attention
9	Forensics and Attribution	2	55%	Needs Attention
10	Mass Care Services	30	6%	Needs Attention
11	Situational Assessment	12	63%	Needs Attention
12	Intelligence and Information Sharing	4	67%	Needs Attention
13	Community Resilience	1	70%	Needs Attention
14	Housing	31	12%	Needs Attention
15	Risk and Disaster Resilience Assessment	10	73%	Needs Attention
16	Economic Recovery	29	27%	Sustain
17	Interdiction and Disruption	5	79%	Sustain
18	Operational Coordination	15	72%	Sustain
19	Screening, Search, and Detection	14	79%	Sustain
20	Planning	8	85%	Sustain
21	Cybersecurity	22	54%	Sustain
22	Public and Private Services and Resources	28	40%	Sustain
23	Access Control and Identity Verification	17	78%	Sustain
24	Health and Social Services	27	46%	Sustain
25	Public Health and Medical Services	21	65%	Sustain
26	Threats and Hazard Identification	13	100%	Sustain
27	Mass Search and Rescue Operations	19	76%	Sustain
28	Natural and Cultural Resources	24	58%	Sustain
29	On-scene Security and Protection	18	81%	Sustain
30	Environmental Response/Health and Safety	26	63%	Sustain
31	Supply Chain Integrity and Security	25	75%	Sustain

Solano County Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Infrastructure Systems	3	36%	Needs Extra Attention
2	Long-term Vulnerability Reduction	6	45%	Needs Attention
3	Community Resilience	2	48%	Needs Attention
4	Risk Management for Protection Programs & Activities	11	49%	Needs Attention
5	Critical Transportation	18	47%	Needs Attention
6	On-scene Security and Protection	20	51%	Needs Attention
7	Situational Assessment	12	60%	Needs Attention
8	Physical Protective Measures	7	60%	Needs Attention
9	Screening, Search, and Detection	14	64%	Needs Attention
10	Mass Search and Rescue Operations	15	68%	Needs Attention
11	Public Information and Warning	9	70%	Needs Attention
12	Interdiction and Disruption	5	70%	Needs Attention
13	Intelligence and Information Sharing	4	71%	Needs Attention
14	Forensics and Attribution	1	72%	Needs Attention
15	Operational Communications	17	77%	Needs Attention
16	Natural and Cultural Resources	28	25%	Sustain
17	Planning	8	81%	Sustain
18	Supply Chain Integrity and Security	25	33%	Sustain
19	Health and Social Services	24	34%	Sustain
20	Cybersecurity	23	46%	Sustain
21	Risk and Disaster Resilience Assessment	10	85%	Sustain
22	Access Control and Identity Verification	19	80%	Sustain
23	Public Health and Medical Services	21	67%	Sustain
24	Economic Recovery	27	41%	Sustain
25	Operational Coordination	16	96%	Sustain
26	Threats and Hazard Identification	13	100%	Sustain
27	Housing	31	49%	Sustain
28	Fatality Management Service	22	79%	Sustain
29	Mass Care Services	29	56%	Sustain
30	Public and Private Services and Resources	30	69%	Sustain
31	Environmental Response/Health and Safety	26	80%	Sustain

Sonoma County Gap Analysis Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Infrastructure Systems	3	32%	Needs Extra Attention
2	Long-term Vulnerability Reduction	6	38%	Needs Attention
3	Physical Protective Measures	7	39%	Needs Attention
4	Access Control and Identity Verification	17	30%	Needs Attention
5	Natural and Cultural Resources	27	3%	Needs Attention
6	Operational Communications	16	42%	Needs Attention
7	Community Resilience	1	48%	Needs Attention
8	Critical Transportation	22	24%	Needs Attention
9	Supply Chain Integrity and Security	28	8%	Needs Attention
10	Interdiction and Disruption	5	56%	Needs Attention
11	Public Health and Medical Services	19	39%	Needs Attention
12	Health and Social Services	24	30%	Needs Attention
13	Public Information and Warning	9	63%	Needs Attention
14	Planning	8	64%	Needs Attention
15	Intelligence and Information Sharing	4	67%	Needs Attention
16	Threats and Hazard Identification	13	67%	Needs Attention
17	Economic Recovery	26	34%	Sustain
18	Risk Management for Protection Programs & Activities	11	68%	Sustain
19	Operational Coordination	15	66%	Sustain
20	Situational Assessment	12	75%	Sustain
21	Forensics and Attribution	2	75%	Sustain
22	Screening, Search, and Detection	14	76%	Sustain
23	Cybersecurity	25	49%	Sustain
24	Risk and Disaster Resilience Assessment	10	81%	Sustain
25	Mass Care Services	29	36%	Sustain
26	Housing	31	35%	Sustain
27	Fatality Management Service	21	66%	Sustain
28	Mass Search and Rescue Operations	20	70%	Sustain
29	Public and Private Services and Resources	30	46%	Sustain
30	On-scene Security and Protection	18	89%	Sustain
31	Environmental Response/Health and Safety	23	86%	Sustain