



# SAFECOM Nationwide Survey

## Point Estimates by Item

Rev. 2024.07.16



### Overview

This file contains aggregate response data for the 2023 iteration of the [SAFECOM Nationwide Survey \(SNS\)](#). The SNS is a national data collection initiative sponsored by SAFECOM and executed by the U.S. Department of Homeland Security (DHS) Cybersecurity and Infrastructure Security Agency (CISA). The SNS invites members of the public safety community to share information regarding their organization's emergency communications capabilities and gaps. The target population for the 2023 iteration of the SNS included Fire & Rescue (FIRE), Law Enforcement (LE), Emergency Management (EM), Emergency Medical Services (EMS), and Emergency Communications Centers/Public Safety Answering Points (ECC). This file presents findings for respondents from the local level only (including county and municipal public safety organizations). All members of the targeted disciplines at the local level were invited to participate in the SNS. After data cleaning and validation, 4,933 useable responses were received from organizations at the local level. A "useable" response refers to a partially complete response that includes response selections for at least one substantive question beyond demographics. Due to attrition, questions near the beginning of the survey generally have greater response data than questions near the end of the survey.

### Information Contained in this Resource

The Item Inventory (beginning on the page two) provides a full-text inventory of SNS questions and response options contained in this file. A survey "item" refers to a discrete decision point at which the respondent was asked to provide a response. For questions that asked the respondent to select one response (SOR), each enumerated question is an item. For questions that asked the respondent to select all responses that apply (SATA), each available answer option is an item. This file reports results at several levels of aggregation: all respondents, each discipline (five total), each of three predefined urbanicity categories (three total), and each discipline-urbanicity intersection (or "substrata," 15 total). Due to sensitivity of some items, not all items are reported, and all results are described in aggregate only.

All quantitative values in this file are sample proportions of respondents who selected the indicated response. The value "NR" indicates that no respondents selected an available answer option for non-demographics questions.

### Caveats

Information provided in this resource is intended for educational and research purposes. It is provided "as-is" and may be subject to revision as the underlying response dataset undergoes additional refinement and enhancement. Users of the resource should take care to note that quantitative findings in this file are compatible with many interpretations and causal accounts, and that the public safety and emergency communications ecosystem across the United States is diverse and complex. For guidance on interpreting survey results, assistance accessing additional SNS data products, or to report a problem with this file, please contact the SAFECOM Nationwide Survey Team at [sns@cisa.dhs.gov](mailto:sns@cisa.dhs.gov).

**Item Inventory.** The table below lists all items and corresponding descriptions contained in this file (618 total). The Item Name column lists the names of items as they appear in the SNS dataset. The Question Text and Response Options columns contain the question and response options text as it appeared to respondents participating in the survey. All available answer options for select one response (SOR) question formats are given in the same item, indicated with right carats (>).

Item Name	Question Text	Response Options
D02_5	None: Rural Urban Continuum Code (RUCC)	None: calculated from respondent county and/or ZIP
D02_6	None: Urbanicity	None: calculated from respondent RUCC (1=Metro, 2-4=Urban, 5-9=Rural)
D04.a	Select the response(s) that best characterize your organization's public safety discipline [SATA]	Fire
D04.b	Select the response(s) that best characterize your organization's public safety discipline [SATA]	Law Enforcement
D04.c	Select the response(s) that best characterize your organization's public safety discipline [SATA]	Emergency Medical Services
D04.d	Select the response(s) that best characterize your organization's public safety discipline [SATA]	Emergency Management
D04.e	Select the response(s) that best characterize your organization's public safety discipline [SATA]	Emergency Communications Center/Public Safety Answering Point
D06	Estimate the number of personnel in your organization [SOR]	>Fewer than 50 >50-250 >251-500 >501-1000 >1001-5000 >5001-10000 >More than 10000
D07	Estimate the population size that your organization serves [SOR]	>Fewer than 2500 >2500-4999 >5000-9999 >10000-24999 >25000-1 million >More than 1 million
Q01.a	My organization participates in informal decision-making groups that address emergency communications that include representatives from... [SATA]	Within my organization
Q01.b	My organization participates in informal decision-making groups that address emergency communications that include representatives from... [SATA]	With other public safety organizations in the same jurisdiction
Q01.c	My organization participates in informal decision-making groups that address emergency communications that include representatives from... [SATA]	With other government organizations in the same jurisdiction that support public safety
Q01.d	My organization participates in informal decision-making groups that address emergency communications that include representatives from... [SATA]	Local governments
Q01.e	My organization participates in informal decision-making groups that address emergency communications that include representatives from... [SATA]	State/territorial governments

Q01.f	My organization participates in informal decision-making groups that address emergency communications that include representatives from... [SATA]	Federal departments/agencies
Q01.g	My organization participates in informal decision-making groups that address emergency communications that include representatives from... [SATA]	Tribal governments/organizations
Q01.h	My organization participates in informal decision-making groups that address emergency communications that include representatives from... [SATA]	NGO/private sector
Q01.i	My organization participates in informal decision-making groups that address emergency communications that include representatives from... [SATA]	International/cross-border entities
Q01.j	My organization participates in informal decision-making groups that address emergency communications that include representatives from... [SATA]	My organization does not participate in informal groups
Q02.a	My organization participates in formal decision-making groups that address emergency communications that include representatives from... [SATA]	Within my organization
Q02.b	My organization participates in formal decision-making groups that address emergency communications that include representatives from... [SATA]	With other public safety organizations in the same jurisdiction
Q02.c	My organization participates in formal decision-making groups that address emergency communications that include representatives from... [SATA]	With other government organizations in the same jurisdiction that support public safety
Q02.d	My organization participates in formal decision-making groups that address emergency communications that include representatives from... [SATA]	Local governments
Q02.e	My organization participates in formal decision-making groups that address emergency communications that include representatives from... [SATA]	State/territorial governments
Q02.f	My organization participates in formal decision-making groups that address emergency communications that include representatives from... [SATA]	Federal departments/agencies
Q02.g	My organization participates in formal decision-making groups that address emergency communications that include representatives from... [SATA]	Tribal governments/organizations
Q02.h	My organization participates in formal decision-making groups that address emergency communications that include representatives from... [SATA]	NGO/private sector
Q02.i	My organization participates in formal decision-making groups that address emergency communications that include representatives from... [SATA]	International/cross-border entities
Q02.j	My organization participates in formal decision-making groups that address emergency communications that include representatives from... [SATA]	My organization does not participate in formal groups
Q03	Do your formal decision-making groups invite and/or recruit participants beyond first responders [SOR]	>Yes >No

Q03a.a	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	Emergency Support Functions (ESF)* #1 – Transportation
Q03a.b	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #2 – Communications
Q03a.c	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #3 – Public Works and Engineering
Q03a.d	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #4 – Firefighting
Q03a.e	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #5 – Information and Planning
Q03a.f	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #6 – Mass Care, Emergency Assistance, Temporary Housing, and Human Resources
Q03a.g	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #7 – Logistics
Q03a.h	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #8 – Public Health and Medical Services
Q03a.i	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #9 – Search and Rescue
Q03a.j	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #10 – Oil and Hazardous Materials Response
Q03a.k	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #11 – Agriculture and Natural Resources
Q03a.l	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #12 – Energy
Q03a.m	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #13 – Public Safety and Security
Q03a.n	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #14 – Cross-Sectional Business and Infrastructure
Q03a.o	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	ESF #15 – External Affairs
Q03a.p	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	Information Technology Advisors or Providers
Q03a.q	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	Cybersecurity Advisors or Providers
Q03a.r	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	NGOs

Q03a.s	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	Private Sector
Q03a.t	What type of participants beyond first responders are invited to your organization's formal decision-making groups? [SATA]	Academia
Q04_1.1	Do the decision-making groups in which your organization participates sufficiently support your organization's need for <b>day-to-day operability</b> ? [SOR]	>Yes >No
Q04_1.2	Do the decision-making groups in which your organization participates sufficiently support your organization's need for <b>out-of-the-ordinary operability</b> ? [SOR]	>Yes >No
Q04_2.1	Do the decision-making groups in which your organization participates sufficiently support your organization's need for <b>day-to-day interoperability</b> ? [SOR]	>Yes >No
Q04_2.2	Do the decision-making groups in which your organization participates sufficiently support your organization's need for <b>out-of-the-ordinary interoperability</b> ? [SOR]	>Yes >No
Q04_3.1	Do the decision-making groups in which your organization participates sufficiently support your organization's need for <b>day-to-day continuity</b> ? [SOR]	>Yes >No
Q04_3.2	Do the decision-making groups in which your organization participates sufficiently support your organization's need for <b>out-of-the-ordinary continuity</b> ? [SOR]	>Yes >No
Q05_1	Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability <b>with other public safety organizations in the same jurisdiction</b> [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)	>There are informal, undocumented agreements in practice with >There are published and active agreements <u>with some</u> >There are published and active agreements <u>with most</u> >Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with >Not applicable
Q05_2	Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability <b>with other government organizations in the same jurisdiction that support public safety</b> [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)	>There are informal, undocumented agreements in practice with >There are published and active agreements with some >There are published and active agreements with most >Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with >Not applicable

Q05\_3 Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability **with local governments** [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

- >There are informal, undocumented agreements in practice with
- >There are published and active agreements with some
- >There are published and active agreements with most
- >Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with
- >Not applicable

Q05\_4 Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability **with state/territorial governments** [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

- >There are informal, undocumented agreements in practice with
- >There are published and active agreements with some
- >There are published and active agreements with most
- >Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with
- >Not applicable

Q05\_5 Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability **with federal departments/agencies** [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

- >There are informal, undocumented agreements in practice with
- >There are published and active agreements with some
- >There are published and active agreements with most
- >Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with
- >Not applicable

Q05\_6 Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability **with tribal governments/organizations** [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

- >There are informal, undocumented agreements in practice with
- >There are published and active agreements with some
- >There are published and active agreements with most
- >Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with
- >Not applicable

Q05\_7 Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability with **NGO/private sector** [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

- >There are informal, undocumented agreements in practice with
- >There are published and active agreements with some
- >There are published and active agreements with most
- >Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with
- >Not applicable

Q05\_8 Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability **with international/cross-border entities** [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

- >There are informal, undocumented agreements in practice with
- >There are published and active agreements with some
- >There are published and active agreements with most
- >Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with
- >Not applicable

Q06_1.1	Do your organization's agreements meet its needs to achieve <b>day-to-day operability</b> ? [SOR]	>Yes >No
Q06_1.2	Do your organization's agreements meet its needs to achieve <b>out-of-the-ordinary operability</b> ? [SOR]	>Yes >No
Q06_2.1	Do your organization's agreements meet its needs to achieve <b>day-to-day interoperability</b> ? [SOR]	>Yes >No
Q06_2.2	Do your organization's agreements meet its needs to achieve <b>out-of-the-ordinary interoperability</b> ? [SOR]	>Yes >No
Q06_3.1	Do your organization's agreements meet its needs to achieve <b>day-to-day continuity</b> ? [SOR]	>Yes >No
Q06_3.2	Do your organization's agreements meet its needs to achieve <b>out-of-the-ordinary continuity</b> ? [SOR]	>Yes >No
Q07_01	Select the responses that best characterize the overall funding of <b>capital investment</b> related to emergency communications <b>network/system(s)</b> used by your organization [SOR]	>There is no funding for this item >There is funding, but it is insufficient to meet needs >There is funding, and it is sufficient for all needs >Funding is sufficient and has been identified to address needs beyond the current budget cycle >Not applicable
Q07_02	Select the responses that best characterize the overall funding of <b>operating costs</b> related to emergency communications <b>network/system(s)</b> used by your organization [SOR]	>There is no funding for this item >There is funding, but it is insufficient to meet needs >There is funding, and it is sufficient for all needs >Funding is sufficient and has been identified to address needs beyond the current budget cycle >Not applicable
Q07_03	Select the responses that best characterize the overall funding of <b>maintenance costs</b> related to emergency communications <b>network/system(s)</b> used by your organization [SOR]	>There is no funding for this item >There is funding, but it is insufficient to meet needs >There is funding, and it is sufficient for all needs >Funding is sufficient and has been identified to address needs beyond the current budget cycle >Not applicable
Q07_04	Select the responses that best characterize the overall funding of <b>upgrade costs</b> related to emergency communications <b>network/system(s)</b> used by your organization [SOR]	>There is no funding for this item >There is funding, but it is insufficient to meet needs >There is funding, and it is sufficient for all needs >Funding is sufficient and has been identified to address needs beyond the current budget cycle >Not applicable
Q07_05	Select the responses that best characterize the overall funding of <b>decommissioning</b> related to emergency communications <b>network/system(s)</b> used by your organization [SOR]	>There is no funding for this item >There is funding, but it is insufficient to meet needs >There is funding, and it is sufficient for all needs >Funding is sufficient and has been identified to address needs beyond the current budget cycle >Not applicable
Q07_06	Select the responses that best characterize the overall funding of <b>applications and services development and implementation</b> related to emergency communications <b>network/system(s)</b> used by your organization [SOR]	>There is no funding for this item >There is funding, but it is insufficient to meet needs >There is funding, and it is sufficient for all needs >Funding is sufficient and has been identified to address needs beyond the current budget cycle >Not applicable

Q07_07	Select the responses that best characterize the overall funding of <b>Telecommunications Service Priority (TSP)</b> related to emergency communications <b>network/system(s)</b> used by your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q07_08	Select the responses that best characterize the overall funding of <b>Nationwide Public Service Broadband Network (NPSBN)/FirstNet</b> related to emergency communications <b>network/system(s)</b> used by your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q07_09	Select the responses that best characterize the overall funding of <b>Integrating Public Alerts and Warnings System (IPAWS)</b> related to emergency communications <b>network/system(s)</b> used by your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q07_10	Select the responses that best characterize the overall funding of <b>NG911</b> related to emergency communications <b>network/system(s)</b> used by your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q08_1	Select the responses that best characterize the overall funding for <b>equipment management costs</b> related to the <b>communications equipment (e.g., fixed, mobile, portable)</b> used by your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q08_2	Select the responses that best characterize the overall funding for <b>equipment upgrades</b> related to the <b>communications equipment (e.g., fixed, mobile, portable)</b> used by your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q08_3	Select the responses that best characterize the overall funding for <b>equipment disposal costs</b> related to the <b>communications equipment (e.g., fixed, mobile, portable)</b> used by your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q09_1	Select the responses that best characterize the overall funding of <b>capital investment</b> related to the <b>interoperability solutions</b> used by your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q09_2	Select the responses that best characterize the overall funding of <b>operating costs</b> related to the <b>interoperability solutions</b> used by your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>



Q09_3	Select the responses that best characterize the overall funding of <b>maintenance costs</b> related to the <b>interoperability solutions</b> used by your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q09_4	Select the responses that best characterize the overall funding of <b>research and development</b> related to the <b>interoperability solutions</b> used by your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q10_1	Select the responses that best characterize the overall funding of <b>capital investment</b> related to <b>cybersecurity</b> within your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q10_2	Select the responses that best characterize the overall funding of <b>operating costs</b> related to <b>cybersecurity</b> within your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q10_3	Select the responses that best characterize the overall funding of <b>maintenance costs</b> related to <b>cybersecurity</b> within your organization [SOR]	<ul style="list-style-type: none"> <li>&gt;There is no funding for this item</li> <li>&gt;There is funding, but it is insufficient to meet needs</li> <li>&gt;There is funding, and it is sufficient for all needs</li> <li>&gt;Funding is sufficient and has been identified to address needs beyond the current budget cycle</li> <li>&gt;Not applicable</li> </ul>
Q11.a	Select the sources used by your organization to fund emergency communications [SATA]	Discretionary funding
Q11.b	Select the sources used by your organization to fund emergency communications [SATA]	Appropriated/dedicated funding (e.g., operational and/or capital budgets)
Q11.c	Select the sources used by your organization to fund emergency communications [SATA]	Grants
Q11.d	Select the sources used by your organization to fund emergency communications [SATA]	Bonds
Q11.e	Select the sources used by your organization to fund emergency communications [SATA]	Specialized taxes
Q11.f	Select the sources used by your organization to fund emergency communications [SATA]	Fees
Q11.g	Select the sources used by your organization to fund emergency communications [SATA]	Shared resources (e.g., operations and maintenance, systems, equipment, real estate)
Q11.h	Select the sources used by your organization to fund emergency communications [SATA]	Private individuals or organizations
Q11.i	Select the sources used by your organization to fund emergency communications [SATA]	Personally supplied communications equipment (e.g., bring-your-own device)
Q12_1.a	Indicate whether your organization shares either costs or resources <b>with other public safety organizations in the same jurisdiction</b> [SATA]	Costs
Q12_1.b	Indicate whether your organization shares either costs or resources <b>with other public safety organizations in the same jurisdiction</b> [SATA]	Resources

Q12_2.a	Indicate whether your organization shares either costs or resources <b>with other government organizations in the same jurisdiction that support public safety</b> [SATA]	Costs
Q12_2.b	Indicate whether your organization shares either costs or resources <b>with other government organizations in the same jurisdiction that support public safety</b> [SATA]	Resources
Q12_3.a	Indicate whether your organization shares either costs or resources <b>with local governments</b> [SATA]	Costs
Q12_3.b	Indicate whether your organization shares either costs or resources <b>with local governments</b> [SATA]	Resources
Q12_4.a	Indicate whether your organization shares either costs or resources <b>with state/territorial governments</b> [SATA]	Costs
Q12_4.b	Indicate whether your organization shares either costs or resources <b>with state/territorial governments</b> [SATA]	Resources
Q12_5.a	Indicate whether your organization shares either costs or resources <b>with federal departments/agencies</b> [SATA]	Costs
Q12_5.b	Indicate whether your organization shares either costs or resources <b>with federal departments/agencies</b> [SATA]	Resources
Q12_6.a	Indicate whether your organization shares either costs or resources <b>with tribal governments/organizations</b> [SATA]	Costs
Q12_6.b	Indicate whether your organization shares either costs or resources <b>with tribal governments/organizations</b> [SATA]	Resources
Q12_7.a	Indicate whether your organization shares either costs or resources <b>with NGO/private sector</b> [SATA]	Costs
Q12_7.b	Indicate whether your organization shares either costs or resources <b>with NGO/private sector</b> [SATA]	Resources
Q12_8.a	Indicate whether your organization shares either costs or resources <b>with international/cross-border entities</b> [SATA]	Costs
Q12_8.b	Indicate whether your organization shares either costs or resources <b>with international/cross-border entities</b> [SATA]	Resources
Q12_9.a	Indicate whether your organization shares either costs or resources <b>with no other organizations</b> [SATA]	Costs
Q12_9.b	Indicate whether your organization shares either costs or resources <b>with no other organizations</b> [SATA]	Resources
Q13L	Select the response that best characterizes your organization's strategic planning process for emergency communications [SOR]. Note: Responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)	<ul style="list-style-type: none"> <li>&gt;No planning process or plan is in place</li> <li>&gt;A planning process is in place and a plan for addressing emergency communications is under development</li> <li>&gt;A plan for addressing emergency communications is in place and operationalized by participating organizations</li> <li>&gt;A plan for addressing emergency communications is in place and is reviewed annually, after system upgrades, and after incidents/events that test organizational capabilities</li> </ul>

Q13a.a	Identify organizations included in your strategic planning processes for emergency communications [SATA]	Other public safety organizations in the same jurisdiction
Q13a.b	Identify organizations included in your strategic planning processes for emergency communications [SATA]	Other government organizations in the same jurisdiction that support public safety
Q13a.c	Identify organizations included in your strategic planning processes for emergency communications [SATA]	Local governments
Q13a.d	Identify organizations included in your strategic planning processes for emergency communications [SATA]	State/territorial governments
Q13a.e	Identify organizations included in your strategic planning processes for emergency communications [SATA]	Federal departments/agencies
Q13a.f	Identify organizations included in your strategic planning processes for emergency communications [SATA]	Tribal governments/organizations
Q13a.g	Identify organizations included in your strategic planning processes for emergency communications [SATA]	NGO/private sector
Q13a.h	Identify organizations included in your strategic planning processes for emergency communications [SATA]	International/cross-border entities
Q13a.i	Identify organizations included in your strategic planning processes for emergency communications [SATA]	None of the above
Q14_1.1	Does your organization's strategic planning process meet its needs to achieve <b>day-to-day operability</b> ? [SOR]	>Yes >No
Q14_1.2	Does your organization's strategic planning process meet its needs to achieve <b>out-of-the-ordinary operability</b> ? [SOR]	>Yes >No
Q14_2.1	Does your organization's strategic planning process meet its needs to achieve <b>day-to-day interoperability</b> ? [SOR]	>Yes >No
Q14_2.2	Does your organization's strategic planning process meet its needs to achieve <b>out-of-the-ordinary interoperability</b> ? [SOR]	>Yes >No
Q14_3.1	Does your organization's strategic planning process meet its needs to achieve <b>day-to-day continuity</b> ? [SOR]	>Yes >No
Q14_3.2	Does your organization's strategic planning process meet its needs to achieve <b>out-of-the-ordinary continuity</b> ? [SOR]	>Yes >No
Q15.a	Select the responses that apply to your organization's SOPs/SOGs [SATA]	No communications SOPs/SOGs currently exist
Q15.b	Select the responses that apply to your organization's SOPs/SOGs [SATA]	Communications personnel SOPs/SOGs exist (e.g., mobilization, deployment, demobilization)
Q15.c	Select the responses that apply to your organization's SOPs/SOGs [SATA]	Communications resources SOPs/SOGs exist (e.g., activation, deployment, deactivation)
Q15.d	Select the responses that apply to your organization's SOPs/SOGs [SATA]	SOPs/SOGs are updated on a regular basis

Q15a_1	<p>Select the responses that best characterize your organization's SOPs/SOGs <b>within my organization</b> [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)</p>	<p>&gt;Informal practices and procedures are in place  &gt;Formal policies/ practices/ procedures enable "day-to-day" situation interoperability  &gt;Formal policies/ practices/ procedures enable "out-of-the-ordinary" situation interoperability  &gt;Processes for SOP/SOG development and review exist for consistency across responders  &gt;Not applicable</p>
Q15a_2	<p>Select the responses that best characterize your organization's SOPs/SOGs <b>with other public safety organizations in the same jurisdiction</b> [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)</p>	<p>&gt;Informal practices and procedures are in place  &gt;Formal policies/ practices/ procedures enable "day-to-day" situation interoperability  &gt;Formal policies/ practices/ procedures enable "out-of-the-ordinary" situation interoperability  &gt;Processes for SOP/SOG development and review exist for consistency across responders  &gt;Not applicable</p>
Q15a_3	<p>Select the responses that best characterize your organization's SOPs/SOGs <b>with other government organizations in the same jurisdiction that support public safety</b> [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)</p>	<p>&gt;Informal practices and procedures are in place  &gt;Formal policies/ practices/ procedures enable "day-to-day" situation interoperability  &gt;Formal policies/ practices/ procedures enable "out-of-the-ordinary" situation interoperability  &gt;Processes for SOP/SOG development and review exist for consistency across responders  &gt;Not applicable</p>
Q15a_4	<p>Select the responses that best characterize your organization's SOPs/SOGs <b>with local governments</b> [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)</p>	<p>&gt;Informal practices and procedures are in place  &gt;Formal policies/ practices/ procedures enable "day-to-day" situation interoperability  &gt;Formal policies/ practices/ procedures enable "out-of-the-ordinary" situation interoperability  &gt;Processes for SOP/SOG development and review exist for consistency across responders  &gt;Not applicable</p>
Q15a_5	<p>Select the responses that best characterize your organization's SOPs/SOGs <b>with state governments</b> [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)</p>	<p>&gt;Informal practices and procedures are in place  &gt;Formal policies/ practices/ procedures enable "day-to-day" situation interoperability  &gt;Formal policies/ practices/ procedures enable "out-of-the-ordinary" situation interoperability  &gt;Processes for SOP/SOG development and review exist for consistency across responders  &gt;Not applicable</p>
Q15a_6	<p>Select the responses that best characterize your organization's SOPs/SOGs <b>with federal departments/agencies</b> [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)</p>	<p>&gt;Informal practices and procedures are in place  &gt;Formal policies/ practices/ procedures enable "day-to-day" situation interoperability  &gt;Formal policies/ practices/ procedures enable "out-of-the-ordinary" situation interoperability  &gt;Processes for SOP/SOG development and review exist for consistency across responders  &gt;Not applicable</p>

Q15a_7	Select the responses that best characterize your organization's SOPs/SOGs <b>with tribal governments/organizations</b> [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)	<ul style="list-style-type: none"> <li>&gt;Informal practices and procedures are in place</li> <li>&gt;Formal policies/ practices/ procedures enable "day-to-day" situation interoperability</li> <li>&gt;Formal policies/ practices/ procedures enable "out-of-the-ordinary" situation interoperability</li> <li>&gt;Processes for SOP/SOG development and review exist for consistency across responders</li> <li>&gt;Not applicable</li> </ul>
Q15a_8	Select the responses that best characterize your organization's SOPs/SOGs <b>with NGO/private sector</b> [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)	<ul style="list-style-type: none"> <li>&gt;Informal practices and procedures are in place</li> <li>&gt;Formal policies/ practices/ procedures enable "day-to-day" situation interoperability</li> <li>&gt;Formal policies/ practices/ procedures enable "out-of-the-ordinary" situation interoperability</li> <li>&gt;Processes for SOP/SOG development and review exist for consistency across responders</li> <li>&gt;Not applicable</li> </ul>
Q15a_9	Select the responses that best characterize your organization's SOPs/SOGs <b>with international/cross-border entities</b> [SOR]. Note: Reading from left to right, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)	<ul style="list-style-type: none"> <li>&gt;Informal practices and procedures are in place</li> <li>&gt;Formal policies/ practices/ procedures enable "day-to-day" situation interoperability</li> <li>&gt;Formal policies/ practices/ procedures enable "out-of-the-ordinary" situation interoperability</li> <li>&gt;Processes for SOP/SOG development and review exist for consistency across responders</li> <li>&gt;Not applicable</li> </ul>
Q15b.a	Select the guidelines or standards that have influenced your organization's communications SOPs/SOGs [SATA]	Local guidance
Q15b.b	Select the guidelines or standards that have influenced your organization's communications SOPs/SOGs [SATA]	State guidance
Q15b.c	Select the guidelines or standards that have influenced your organization's communications SOPs/SOGs [SATA]	Territorial guidance
Q15b.d	Select the guidelines or standards that have influenced your organization's communications SOPs/SOGs [SATA]	National/federal guidance
Q15b.e	Select the guidelines or standards that have influenced your organization's communications SOPs/SOGs [SATA]	Tribal guidance
Q15b.f	Select the guidelines or standards that have influenced your organization's communications SOPs/SOGs [SATA]	Industry guidance (e.g., vendor, provider, trade organization)
Q15b.g	Select the guidelines or standards that have influenced your organization's communications SOPs/SOGs [SATA]	None of the above
Q15d.a	Select the topics that are included in your organization's SOPs/SOGs [SATA]	Land mobile radio (LMR)
Q15d.b	Select the topics that are included in your organization's SOPs/SOGs [SATA]	Broadband
Q15d.c	Select the topics that are included in your organization's SOPs/SOGs [SATA]	Project 25 (P25) encryption
Q15d.d	Select the topics that are included in your organization's SOPs/SOGs [SATA]	Social media
Q15d.e	Select the topics that are included in your organization's SOPs/SOGs [SATA]	Cybersecurity
Q15d.f	Select the topics that are included in your organization's SOPs/SOGs [SATA]	Priority Telecommunications Services
Q15d.g	Select the topics that are included in your organization's SOPs/SOGs [SATA]	Next Generation 911 (NG911)
Q15d.h	Select the topics that are included in your organization's SOPs/SOGs [SATA]	Alerts, warnings, and notifications (e.g., Wireless Emergency Alert, Emergency Alert System)

Q15d.i	Select the topics that are included in your organization's SOPs/SOGs [SATA]	Continuity of communications (e.g., resiliency, redundancy, primary/secondary/backup)
Q15d.j	Select the topics that are included in your organization's SOPs/SOGs [SATA]	Physical security
Q15d.k	Select the topics that are included in your organization's SOPs/SOGs [SATA]	Position, navigation, and timing (PNT)
Q15d.l	Select the topics that are included in your organization's SOPs/SOGs [SATA]	None of the above
Q16_1.1	Does your organization's SOPs/SOGs sufficiently meet its needs to achieve <b>day-to-day operability</b> ? [SOR]	>Yes >No
Q16_1.2	Does your organization's SOPs/SOGs sufficiently meet its needs to achieve <b>out-of-the-ordinary operability</b> ? [SOR]	>Yes >No
Q16_2.1	Does your organization's SOPs/SOGs sufficiently meet its needs to achieve <b>day-to-day interoperability</b> ? [SOR]	>Yes >No
Q16_2.2	Does your organization's SOPs/SOGs sufficiently meet its needs to achieve <b>out-of-the-ordinary interoperability</b> ? [SOR]	>Yes >No
Q16_3.1	Does your organization's SOPs/SOGs sufficiently meet its needs to achieve <b>day-to-day continuity</b> ? [SOR]	>Yes >No
Q16_3.2	Does your organization's SOPs/SOGs sufficiently meet its needs to achieve <b>out-of-the-ordinary continuity</b> ? [SOR]	>Yes >No
Q17.a	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Channel/console cross-patching
Q17.b	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Cloud-based environment
Q17.c	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Commercial wireless equipment (e.g., bring-your-own-device)
Q17.d	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Commercial wireless equipment (e.g., government furnished equipment)
Q17.e	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Commercial wireless service offering (e.g., mission critical push-to-talk [MCPTT], direct mode)
Q17.f	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Common applications (e.g., use of same or compatible applications to share data)
Q17.g	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Console-to-console intercom interconnections (e.g., center-to-center voice and data)
Q17.h	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Crossband repeaters
Q17.i	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Custom-interfaced applications (e.g., custom linking of proprietary applications or use of middleware to share data)
Q17.j	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Data exchange hubs (e.g., computer-aided dispatch [CAD]-to-CAD, integrated message switching systems [MSS])

Q17.k	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Deployable audio/gateway switch
Q17.l	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Deployable site infrastructure (e.g., cell on wheels [COW]/cell on light truck [COLT], transportable land-mobile radio)
Q17.m	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Established channel sharing agreements
Q17.n	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Fixed audio/gateway switch
Q17.o	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Inter-Radio Frequency (RF) Subsystem Interface (ISSI)/Console Subsystem Interface (CSSI)
Q17.p	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Mobile command post/mobile communications center
Q17.q	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Mutual aid channels/talkgroups (e.g., shared channels/talkgroups)
Q17.r	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Nationwide Public Safety Broadband Network (NPSBN)/FirstNet
Q17.s	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	National Information Exchange Model (NIEM)-based data exchange
Q17.t	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	National Public Safety Planning Advisory Committee (NPSPAC) channels
Q17.u	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	One-way standards-based sharing of data (e.g., applications to “broadcast/push” or “receive/pull” data from systems)
Q17.v	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Radio cache/radio exchange
Q17.w	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Radio reprogramming
Q17.x	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Shared system (conventional or trunked)
Q17.y	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	Standards-based shared systems (e.g., Project 25 [P25])
Q17.z	Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based [SATA]	None of the above
Q18.a	Select the types of information that are exchanged between your organization and others [SATA]	Voice
Q18.b	Select the types of information that are exchanged between your organization and others [SATA]	Video
Q18.c	Select the types of information that are exchanged between your organization and others [SATA]	Geographic information system (GIS) data

Q18.d	Select the types of information that are exchanged between your organization and others [SATA]	Evacuee/patient tracking data
Q18.e	Select the types of information that are exchanged between your organization and others [SATA]	Accident/crash (telematics) data
Q18.f	Select the types of information that are exchanged between your organization and others [SATA]	Resource data (available equipment, teams, shelter/hospital beds)
Q18.g	Select the types of information that are exchanged between your organization and others [SATA]	Biometric data
Q18.h	Select the types of information that are exchanged between your organization and others [SATA]	Computer-Aided Dispatch (CAD) data
Q18.i	Select the types of information that are exchanged between your organization and others [SATA]	Automatic vehicle location (AVL) data
Q18.j	Select the types of information that are exchanged between your organization and others [SATA]	Common operating picture data/situational awareness
Q18.k	Select the types of information that are exchanged between your organization and others [SATA]	Records management system (RMS)
Q18.l	Select the types of information that are exchanged between your organization and others [SATA]	Threat intelligence data
Q18.m	Select the types of information that are exchanged between your organization and others [SATA]	Sensor or Internet of Things (IoT)-based data
Q18.n	Select the types of information that are exchanged between your organization and others [SATA]	Other types of data
Q19_01	Select the extent to which <b>unplanned system/equipment failure</b> has impacted your organization's ability to communicate [SOR]	>None >Little extent >Some extent >Great extent >Not applicable
Q19_02	Select the extent to which <b>excessive planned downtime</b> has impacted your organization's ability to communicate [SOR]	>None >Little extent >Some extent >Great extent >Not applicable
Q19_03	Select the extent to which <b>frequency interference</b> has impacted your organization's ability to communicate [SOR]	>None >Little extent >Some extent >Great extent >Not applicable
Q19_04	Select the extent to which <b>system congestion</b> (e.g., limited spectrum capacity, insufficient frequencies) has impacted your organization's ability to communicate [SOR]	>None >Little extent >Some extent >Great extent >Not applicable
Q19_05	Select the extent to which <b>cybersecurity disruptions for breaches</b> have impacted your organization's ability to communicate [SOR]	>None >Little extent >Some extent >Great extent >Not applicable
Q19_06	Select the extent to which <b>poor in-building coverage</b> has impacted your organization's ability to communicate [SOR]	>None >Little extent >Some extent >Great extent >Not applicable



Q19_07	Select the extent to which <b>poor outdoor coverage</b> has impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>
Q19_08	Select the extent to which <b>poor subscriber unit quality</b> has impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>
Q19_09	Select the extent to which <b>insufficient site hardening</b> has impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>
Q19_10	Select the extent to which <b>insufficient system/equipment redundancy</b> has impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>
Q19_11	Select the extent to which <b>insufficient route diversity</b> has impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>
Q19_12	Select the extent to which <b>insufficient wireless voice application interoperability</b> has impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>
Q19_13	Select the extent to which <b>insufficient wireless data application interoperability</b> has impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>
Q19_14	Select the extent to which <b>deferred maintenance</b> has impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>
Q19_15	Select the extent to which <b>deferred capital expenditures</b> have impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>
Q19_16	Select the extent to which <b>diminished service due to adding users from beyond our organization</b> has impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>

Q19_17	Select the extent to which <b>system/equipment failure beyond the ownership or control of our organization</b> has impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>
Q19_18	Select the extent to which <b>incompatibility of proprietary systems, modes, and algorithms</b> has impacted your organization's ability to communicate [SOR]	<ul style="list-style-type: none"> <li>&gt;None</li> <li>&gt;Little extent</li> <li>&gt;Some extent</li> <li>&gt;Great extent</li> <li>&gt;Not applicable</li> </ul>
Q20_1	Does your organization have the appropriate infrastructure, systems, equipment, and facilities to continue to communicate during <b>day-to-day situations</b> ? [SOR]	<ul style="list-style-type: none"> <li>&gt;Strongly disagree</li> <li>&gt;Disagree</li> <li>&gt;Neutral</li> <li>&gt;Agree</li> <li>&gt;Strongly agree</li> </ul>
Q20_2	Does your organization have the appropriate infrastructure, systems, equipment, and facilities to continue to communicate during <b>out-of-the-ordinary situations</b> ? [SOR]	<ul style="list-style-type: none"> <li>&gt;Strongly disagree</li> <li>&gt;Disagree</li> <li>&gt;Neutral</li> <li>&gt;Agree</li> <li>&gt;Strongly agree</li> </ul>
Q21_1	Does your organization have the appropriate fixed, portable, mobile, deployable, and/or temporary solutions to support <b>day-to-day</b> interoperability? [SOR]	<ul style="list-style-type: none"> <li>&gt;Strongly disagree</li> <li>&gt;Disagree</li> <li>&gt;Neutral</li> <li>&gt;Agree</li> <li>&gt;Strongly agree</li> </ul>
Q21_2	Does your organization have the appropriate fixed, portable, mobile, deployable, and/or temporary solutions to support <b>out-of-the-ordinary</b> interoperability? [SOR]	<ul style="list-style-type: none"> <li>&gt;Strongly disagree</li> <li>&gt;Disagree</li> <li>&gt;Neutral</li> <li>&gt;Agree</li> <li>&gt;Strongly agree</li> </ul>
Q22	Select the response that best characterizes how well your organization's communications systems meet its mission requirements [SOR]	<ul style="list-style-type: none"> <li>&gt;Systems do not currently meet mission requirements</li> <li>&gt;Systems meet only basic mission requirements</li> <li>&gt;Systems meet mission requirements of day-to-day situations, but not out-of-the-ordinary situations</li> <li>&gt;Systems meet all mission requirements of day-to-day and most out-of-the-ordinary situations</li> </ul>
Q23	Has your organization engaged in cybersecurity planning and/or implementation? [SOR]	<ul style="list-style-type: none"> <li>&gt;Yes</li> <li>&gt;No</li> </ul>
Q23a.a	Select the cybersecurity planning measures your organization uses [SATA]	Risk assessment
Q23a.b	Select the cybersecurity planning measures your organization uses [SATA]	Incident response plans/policies
Q23a.c	Select the cybersecurity planning measures your organization uses [SATA]	Vulnerability response plans/policies
Q23a.d	Select the cybersecurity planning measures your organization uses [SATA]	Coordination lead (e.g., incident manager)
Q23a.e	Select the cybersecurity planning measures your organization uses [SATA]	Incident response team (IRT)
Q23a.f	Select the cybersecurity planning measures your organization uses [SATA]	Integration of cyber threat intelligence (CTI) sources
Q23a.g	Select the cybersecurity planning measures your organization uses [SATA]	Means for collecting digital forensics and other data or evidence

Q23a.h	Select the cybersecurity planning measures your organization uses [SATA]	Agreement with another entity that provides cybersecurity services (e.g., commercial vendor, internal IT department or function)
Q23a.i	Select the cybersecurity planning measures your organization uses [SATA]	Cybersecurity insurance
Q23a.j	Select the cybersecurity planning measures your organization uses [SATA]	Recovery exercises (e.g., use of failover systems, backup recovery)
Q23a.k	Select the cybersecurity planning measures your organization uses [SATA]	None of the above
Q23b.a	Select the cybersecurity measures that your organization has implemented [SATA]	Single factor authentication (e.g., passwords)
Q23b.b	Select the cybersecurity measures that your organization has implemented [SATA]	Multi-factor authentication (e.g., smart cards, personal identification verification [PIV] cards, tokens)
Q23b.c	Select the cybersecurity measures that your organization has implemented [SATA]	Continuous monitoring (e.g., antivirus, intrusion detection)
Q23b.d	Select the cybersecurity measures that your organization has implemented [SATA]	Backups
Q23b.e	Select the cybersecurity measures that your organization has implemented [SATA]	Automated updates
Q23b.f	Select the cybersecurity measures that your organization has implemented [SATA]	Failover system
Q23b.g	Select the cybersecurity measures that your organization has implemented [SATA]	Hardened workstations for monitoring and response activities
Q23b.h	Select the cybersecurity measures that your organization has implemented [SATA]	Disk and active memory imaging
Q23b.i	Select the cybersecurity measures that your organization has implemented [SATA]	Coordinated response and restoration activities with internal and external parties
Q23b.j	Select the cybersecurity measures that your organization has implemented [SATA]	Post-incident lessons learned analysis (e.g., hotwash, after-action report)
Q23b.k	Select the cybersecurity measures that your organization has implemented [SATA]	None of the above
Q23b1.a	Indicate which continuous monitoring capabilities your organization uses [SATA]	Antivirus (AV) software
Q23b1.b	Indicate which continuous monitoring capabilities your organization uses [SATA]	Endpoint detection and response (EDR) solutions
Q23b1.c	Indicate which continuous monitoring capabilities your organization uses [SATA]	Data loss prevention (DLP) capabilities
Q23b1.d	Indicate which continuous monitoring capabilities your organization uses [SATA]	Intrusion detection and prevention systems (IDPS)
Q23b1.e	Indicate which continuous monitoring capabilities your organization uses [SATA]	Authorization, host, application, and cloud logs
Q23b1.f	Indicate which continuous monitoring capabilities your organization uses [SATA]	Network flows
Q23b1.g	Indicate which continuous monitoring capabilities your organization uses [SATA]	Packet capture (PCAP)
Q23b1.h	Indicate which continuous monitoring capabilities your organization uses [SATA]	Security information and event management (SIEM) systems
Q23b1.i	Indicate which continuous monitoring capabilities your organization uses [SATA]	Other
Q23b2.a	Indicate which backup capabilities and practices your organization uses [SATA]	Manual backups
Q23b2.b	Indicate which backup capabilities and practices your organization uses [SATA]	Automated backups

Q23b2.c	Indicate which backup capabilities and practices your organization uses [SATA]	Offline backups
Q23b2.d	Indicate which backup capabilities and practices your organization uses [SATA]	Frequent training on backups
Q23b2.e	Indicate which backup capabilities and practices your organization uses [SATA]	Exercises on restoring from backups
Q23b2.f	Indicate which backup capabilities and practices your organization uses [SATA]	Other
Q23c.a	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Advanced Malware Analysis Center (AMAC) Services
Q23c.b	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Assessment Evaluation and Standardization Program (AES)
Q23c.c	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	CISA Central
Q23c.d	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Cyber Essentials
Q23c.e	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Cyber Infrastructure Survey
Q23c.f	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Cyber Resiliency Review (CRR)
Q23c.g	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Cybersecurity Advisory (CSA) Program
Q23c.h	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Cybersecurity Assessment and Risk Management Approach
Q23c.i	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Cybersecurity Evaluation Tool (CSET®)
Q23c.j	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Continuous Diagnostics and Mitigation (CDM)
Q23c.k	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Enhanced Cybersecurity Services (ECS)
Q23c.l	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	External Dependencies Management (EDM) Assessment
Q23c.m	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Federal Virtual Training Environment (FedVTE)
Q23c.n	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Hunt and Incident Response Team (HIRT) Services
Q23c.o	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	ICTAP 9-1-1/PSAP/LMR Cyber Assessment

Q23c.p	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	ICTAP 9-1-1/PSAP/LMR Cyber Awareness Course
Q23c.q	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Joint Cyber Defense Collaborative (JCDC)
Q23c.r	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Public Safety Communications and Cyber Resiliency Toolkit
Q23c.s	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Remote Penetration Testing (RPT)
Q23c.t	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Vulnerability/cyber hygiene scanning
Q23c.u	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	Web Application Scanning
Q23c.v	Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation [SATA]	None of the above
Q24.a	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	Agency's own IT resources
Q24.b	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	Parent organization or agency's IT resources
Q24.c	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	IT cybersecurity vendor
Q24.d	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	Organizations with interconnected networks (e.g., equipment vendors, partner agencies)
Q24.e	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	Cybersecurity and Infrastructure Security Agency (CISA) (e.g., CISA Central, Automated Indicator Sharing [AIS])
Q24.f	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	Federal Bureau of Investigation (FBI) (e.g., field offices, Internet Crime Complaint Center [IC3], InfraGard)
Q24.g	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	Multi-State Information Sharing and Analysis Center (MS-ISAC)®
Q24.h	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	United States Secret Service
Q24.i	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	Tribal-based support
Q24.j	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	Region-based support
Q24.k	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	State-based support (e.g., National Guard, fusion center, state-sponsored cyber unit)
Q24.l	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	Local-based support
Q24.m	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	Other
Q24.n	In the event of a cyber incident, which entities are alerted or engaged by your organization? [SATA]	None of the above
Q25.a	Indicate the types of cyber attacks that your organization has experienced [SATA]	Phishing/email spoofing attack
Q25.b	Indicate the types of cyber attacks that your organization has experienced [SATA]	Ransomware attack

Q25.c	Indicate the types of cyber attacks that your organization has experienced [SATA]	Password or credential attack (i.e., unauthorized use of password or credential)
Q25.d	Indicate the types of cyber attacks that your organization has experienced [SATA]	Denial of service attack
Q25.e	Indicate the types of cyber attacks that your organization has experienced [SATA]	Telephony denial of service (TDoS) attack
Q25.f	Indicate the types of cyber attacks that your organization has experienced [SATA]	Jamming
Q25.g	Indicate the types of cyber attacks that your organization has experienced [SATA]	Domain name service (DNS) tunneling attack
Q25.h	Indicate the types of cyber attacks that your organization has experienced [SATA]	Doxing attack (i.e., data access with information threatened to be sold or revealed)
Q25.i	Indicate the types of cyber attacks that your organization has experienced [SATA]	Other malware (e.g., viruses, trojans)
Q25.j	Indicate the types of cyber attacks that your organization has experienced [SATA]	Internet of Things-based attack (i.e., attacker entered network through “smart” devices or systems)
Q25.k	Indicate the types of cyber attacks that your organization has experienced [SATA]	Other types of attack (e.g., SQL injection, cross-scripting, eavesdropping)
Q25.l	Indicate the types of cyber attacks that your organization has experienced [SATA]	Attacks of an unknown type
Q25.m	Indicate the types of cyber attacks that your organization has experienced [SATA]	Our organization has not identified any cyber attacks
Q26	Complete this sentence: “Our organization is _____ in our ability to detect and respond to cybersecurity threats and vulnerabilities.” [SOR]	<ul style="list-style-type: none"> <li>&gt;Not confident</li> <li>&gt;Somewhat confident</li> <li>&gt;Confident</li> <li>&gt;Very confident</li> </ul>
Q27	Complete this sentence: “Since 2018, cybersecurity incidents have had _____ on the ability of our organization to communicate.” [SOR]	<ul style="list-style-type: none"> <li>&gt;Severe impact</li> <li>&gt;Some impact</li> <li>&gt;Minimal impact</li> <li>&gt;No impact</li> </ul>
Q28_1	Select the response that best characterizes your organization’s physical security for <b>facilities</b> . [SOR] Note: Reading from left to right, responses are progressive (i.e., to select the third response, an organization must have surpassed both of the first two response criteria)	<ul style="list-style-type: none"> <li>&gt;Physical security is present only as a consequence of other requirements (e.g., building codes, zoning requirements, architectural recommendations/guidance, SOPs/SOGs) and what may be found in a similar commercial building or facility</li> <li>&gt;Solution sets designed and implemented for the intended occupancy, purpose, and use of the building/facility</li> <li>&gt;Mitigation, response, and recovery procedures identified through formal risk assessment(s) are regularly trained and exercised, incorporating the physical security</li> </ul>
Q28_2	Select the response that best characterizes your organization’s physical security for <b>communications infrastructure</b> . [SOR] Note: Reading from left to right, responses are progressive (i.e., to select the third response, an organization must have surpassed both of the first two response criteria)	<ul style="list-style-type: none"> <li>&gt;Physical security is present only as a consequence of other requirements (e.g., building codes, zoning requirements, architectural recommendations/guidance, SOPs/SOGs) and what may be found in a similar commercial building or facility</li> <li>&gt;Solution sets designed and implemented for the intended occupancy, purpose, and use of the building/facility</li> <li>&gt;Mitigation, response, and recovery procedures identified through formal risk assessment(s) are regularly trained and exercised, incorporating the physical security</li> </ul>

Q29	Select the response that best characterizes your organization's emergency communications training [SOR]	<ul style="list-style-type: none"> <li>&gt;No personnel have received training</li> <li>&gt;Personnel have received at most informal training</li> <li>&gt;Some personnel have received formal training</li> <li>&gt;Substantially all personnel have received formal and regular training</li> </ul>
Q29a	Evaluations of training are documented and assessed along with the changing operational environment to adapt future training to address gaps and needs [SOR]	<ul style="list-style-type: none"> <li>&gt;Yes</li> <li>&gt;No</li> </ul>
Q29b.a	Select the topics that are included in your organization's emergency communications training [SATA]	National Incident Management System (NIMS) Incident Command System (ICS)
Q29b.b	Select the topics that are included in your organization's emergency communications training [SATA]	Software training/refresher
Q29b.c	Select the topics that are included in your organization's emergency communications training [SATA]	Communications Unit (COMU)
Q29b.d	Select the topics that are included in your organization's emergency communications training [SATA]	Commonly used frequencies
Q29b.e	Select the topics that are included in your organization's emergency communications training [SATA]	Frequency jamming detection/location
Q29b.f	Select the topics that are included in your organization's emergency communications training [SATA]	Equipment training/refresher
Q29b.g	Select the topics that are included in your organization's emergency communications training [SATA]	Backup systems
Q29b.h	Select the topics that are included in your organization's emergency communications training [SATA]	Cybersecurity
Q29b.i	Select the topics that are included in your organization's emergency communications training [SATA]	Radio/device encryption
Q29b.j	Select the topics that are included in your organization's emergency communications training [SATA]	Radio etiquette and terminology
Q29b.k	Select the topics that are included in your organization's emergency communications training [SATA]	National Interoperability Field Operations Guide (NIFOG)
Q29b.l	Select the topics that are included in your organization's emergency communications training [SATA]	Continuity procedures
Q29b.m	Select the topics that are included in your organization's emergency communications training [SATA]	Health and wellness (e.g., ergonomics, fatigue)
Q29b.n	Select the topics that are included in your organization's emergency communications training [SATA]	Psychological impacts of video and data use (e.g., overload, consumption of disturbing/graphic images)
Q29b.o	Select the topics that are included in your organization's emergency communications training [SATA]	Interoperability plans and practices specific to our organization

Q29b.p	Select the topics that are included in your organization's emergency communications training [SATA]	Priority Telecommunications Services
Q29b.q	Select the topics that are included in your organization's emergency communications training [SATA]	None of the above
Q29c.a	Select the external groups that are included in your organization's emergency communications training [SATA]	Other public safety organizations in the same jurisdiction
Q29c.b	Select the external groups that are included in your organization's emergency communications training [SATA]	Other government organizations in the same jurisdiction that support public safety
Q29c.c	Select the external groups that are included in your organization's emergency communications training [SATA]	Local governments
Q29c.d	Select the external groups that are included in your organization's emergency communications training [SATA]	State/territorial governments
Q29c.e	Select the external groups that are included in your organization's emergency communications training [SATA]	Federal departments/agencies
Q29c.f	Select the external groups that are included in your organization's emergency communications training [SATA]	Tribal governments/organizations
Q29c.g	Select the external groups that are included in your organization's emergency communications training [SATA]	NGO/private sector
Q29c.h	Select the external groups that are included in your organization's emergency communications training [SATA]	International/cross-border entities
Q29c.i	Select the external groups that are included in your organization's emergency communications training [SATA]	None of the above
Q30_1.1	Are your organization's personnel adequately trained in <b>day-to-day operability</b> ? [SOR]	>Yes >No
Q30_1.2	Are your organization's personnel adequately trained in <b>out-of-the-ordinary operability</b> ? [SOR]	>Yes >No
Q30_2.1	Are your organization's personnel adequately trained in <b>day-to-day interoperability</b> ? [SOR]	>Yes >No
Q30_2.2	Are your organization's personnel adequately trained in <b>out-of-the-ordinary interoperability</b> ? [SOR]	>Yes >No
Q30_3.1	Are your organization's personnel adequately trained in <b>day-to-day continuity</b> ? [SOR]	>Yes >No
Q30_3.2	Are your organization's personnel adequately trained in <b>out-of-the-ordinary continuity</b> ? [SOR]	>Yes >No
Q31	Does your organization participate in or conduct exercises? [SOR]	>Yes >No
Q31a.a	Select the types of capabilities included as part of the exercises in which your organization either participates or conducts [SATA]	Communications operability (voice)
Q31a.b	Select the types of capabilities included as part of the exercises in which your organization either participates or conducts [SATA]	Communications operability (data)



Q31a.c	Select the types of capabilities included as part of the exercises in which your organization either participates or conducts [SATA]	Communications interoperability (voice)
Q31a.d	Select the types of capabilities included as part of the exercises in which your organization either participates or conducts [SATA]	Communications interoperability (data)
Q31a.e	Select the types of capabilities included as part of the exercises in which your organization either participates or conducts [SATA]	Communications continuity (voice)
Q31a.f	Select the types of capabilities included as part of the exercises in which your organization either participates or conducts [SATA]	Communications continuity (data)
Q31a.g	Select the types of capabilities included as part of the exercises in which your organization either participates or conducts [SATA]	Cyber incident response and recovery
Q31a.h	Select the types of capabilities included as part of the exercises in which your organization either participates or conducts [SATA]	Radio/device encrypted interoperability
Q31a.i	Select the types of capabilities included as part of the exercises in which your organization either participates or conducts [SATA]	Social media
Q31a.j	Select the types of capabilities included as part of the exercises in which your organization either participates or conducts [SATA]	None of the above
Q31b.a	Select the types of roles included as part of the exercises in which your organization either participates or conducts [SATA]	Auxiliary Communications (AUXCOMM)
Q31b.b	Select the types of roles included as part of the exercises in which your organization either participates or conducts [SATA]	Incident Tactical Dispatch (INTD)
Q31b.c	Select the types of roles included as part of the exercises in which your organization either participates or conducts [SATA]	Communications Unit Leader (COML)
Q31b.d	Select the types of roles included as part of the exercises in which your organization either participates or conducts [SATA]	Communications Unit Technician (COMT)
Q31b.e	Select the types of roles included as part of the exercises in which your organization either participates or conducts [SATA]	Communications Coordinator (COMC)
Q31b.f	Select the types of roles included as part of the exercises in which your organization either participates or conducts [SATA]	IT Service Unit Leader (ITSL)
Q31b.g	Select the types of roles included as part of the exercises in which your organization either participates or conducts [SATA]	Mobile command post/mobile communications center
Q31b.h	Select the types of roles included as part of the exercises in which your organization either participates or conducts [SATA]	None of the above

Q31c	Select the statement that best characterizes how your organization evaluates communications as an exercise objective [SOR]	<ul style="list-style-type: none"> <li>&gt;Communications is not an exercise objective</li> <li>&gt;Communications is not evaluated</li> <li>&gt;Communications is evaluated but not documented</li> <li>&gt;Communications is evaluated and documented</li> <li>&gt;Communications is evaluated and documented in accordance with the Homeland Security Exercise Evaluation Program (HSEEP)</li> </ul>
Q31d.a	My organization does not participate in exercises because it has [SATA]	No personnel for exercise coordination
Q31d.b	My organization does not participate in exercises because it has [SATA]	Chronically low staffing levels
Q31d.c	My organization does not participate in exercises because it has [SATA]	No funding available to participate in exercises sponsored by other organizations
Q31d.d	My organization does not participate in exercises because it has [SATA]	No funding available to backfill personnel attending exercises
Q31d.e	My organization does not participate in exercises because it has [SATA]	Insufficient overtime funding to allow staff to participate in exercises conducted by my organization
Q31d.f	My organization does not participate in exercises because it has [SATA]	Insufficient overtime funding to allow staff to participate in exercises conducted by other organizations
Q31d.g	My organization does not participate in exercises because it has [SATA]	Limited exercises opportunities
Q31d.h	My organization does not participate in exercises because it has [SATA]	Competing organizational priorities
Q31d.i	My organization does not participate in exercises because it has [SATA]	None of the above
Q32	Complete this sentence: "My organization _____ emergency communications-focused exercises." [SOR]	<ul style="list-style-type: none"> <li>&gt;Does not participate in or conduct</li> <li>&gt;Participates in</li> <li>&gt;Conducts</li> <li>&gt;Participates in and conducts</li> </ul>
Q32a.a	Select the types of emergency communications-focused exercises your organization participates in or conducts [SATA]	Simulations
Q32a.b	Select the types of emergency communications-focused exercises your organization participates in or conducts [SATA]	Equipment tests and/or drills
Q32a.c	Select the types of emergency communications-focused exercises your organization participates in or conducts [SATA]	Seminars/workshops
Q32a.d	Select the types of emergency communications-focused exercises your organization participates in or conducts [SATA]	Tabletops
Q32a.e	Select the types of emergency communications-focused exercises your organization participates in or conducts [SATA]	Functional
Q32a.f	Select the types of emergency communications-focused exercises your organization participates in or conducts [SATA]	Full-scale
Q32b.a	The emergency communications-focused <b>simulations</b> our organization participates in or conducts include [SATA]	Other public safety organizations in the same jurisdiction
Q32b.b	The emergency communications-focused <b>simulations</b> our organization participates in or conducts include [SATA]	Other government organizations in the same jurisdiction that support public safety

Q32b.c	The emergency communications-focused <b>simulations</b> our organization participates in or conducts include [SATA]	Local governments
Q32b.d	The emergency communications-focused <b>simulations</b> our organization participates in or conducts include [SATA]	State/territorial governments
Q32b.e	The emergency communications-focused <b>simulations</b> our organization participates in or conducts include [SATA]	Federal departments/agencies
Q32b.f	The emergency communications-focused <b>simulations</b> our organization participates in or conducts include [SATA]	Tribal governments/organizations
Q32b.g	The emergency communications-focused <b>simulations</b> our organization participates in or conducts include [SATA]	NGO/private sector
Q32b.h	The emergency communications-focused <b>simulations</b> our organization participates in or conducts include [SATA]	International/cross-border entities
Q32c.a	The emergency communications-focused <b>equipment tests and/or drills</b> our organization participates in or conducts include [SATA]	Other public safety organizations in the same jurisdiction
Q32c.b	The emergency communications-focused <b>equipment tests and/or drills</b> our organization participates in or conducts include [SATA]	Other government organizations in the same jurisdiction that support public safety
Q32c.c	The emergency communications-focused <b>equipment tests and/or drills</b> our organization participates in or conducts include [SATA]	Local governments
Q32c.d	The emergency communications-focused <b>equipment tests and/or drills</b> our organization participates in or conducts include [SATA]	State/territorial governments
Q32c.e	The emergency communications-focused <b>equipment tests and/or drills</b> our organization participates in or conducts include [SATA]	Federal departments/agencies
Q32c.f	The emergency communications-focused <b>equipment tests and/or drills</b> our organization participates in or conducts include [SATA]	Tribal governments/organizations
Q32c.g	The emergency communications-focused <b>equipment tests and/or drills</b> our organization participates in or conducts include [SATA]	NGO/private sector
Q32c.h	The emergency communications-focused <b>equipment tests and/or drills</b> our organization participates in or conducts include [SATA]	International/cross-border entities
Q32d.a	The emergency communications-focused <b>seminars/workshops</b> our organization participates in or conducts include [SATA]	Other public safety organizations in the same jurisdiction
Q32d.b	The emergency communications-focused <b>seminars/workshops</b> our organization participates in or conducts include [SATA]	Other government organizations in the same jurisdiction that support public safety
Q32d.c	The emergency communications-focused <b>seminars/workshops</b> our organization participates in or conducts include [SATA]	Local governments
Q32d.d	The emergency communications-focused <b>seminars/workshops</b> our organization participates in or conducts include [SATA]	State/territorial governments

Q32d.e	The emergency communications-focused <b>seminars/workshops</b> our organization participates in or conducts include [SATA]	Federal departments/agencies
Q32d.f	The emergency communications-focused <b>seminars/workshops</b> our organization participates in or conducts include [SATA]	Tribal governments/organizations
Q32d.g	The emergency communications-focused <b>seminars/workshops</b> our organization participates in or conducts include [SATA]	NGO/private sector
Q32d.h	The emergency communications-focused <b>seminars/workshops</b> our organization participates in or conducts include [SATA]	International/cross-border entities
Q32e.a	The emergency communications-focused <b>tabletops</b> our organization participates in or conducts include [SATA]	Other public safety organizations in the same jurisdiction
Q32e.b	The emergency communications-focused <b>tabletops</b> our organization participates in or conducts include [SATA]	Other government organizations in the same jurisdiction that support public safety
Q32e.c	The emergency communications-focused <b>tabletops</b> our organization participates in or conducts include [SATA]	Local governments
Q32e.d	The emergency communications-focused <b>tabletops</b> our organization participates in or conducts include [SATA]	State/territorial governments
Q32e.e	The emergency communications-focused <b>tabletops</b> our organization participates in or conducts include [SATA]	Federal departments/agencies
Q32e.f	The emergency communications-focused <b>tabletops</b> our organization participates in or conducts include [SATA]	Tribal governments/organizations
Q32e.g	The emergency communications-focused <b>tabletops</b> our organization participates in or conducts include [SATA]	NGO/private sector
Q32e.h	The emergency communications-focused <b>tabletops</b> our organization participates in or conducts include [SATA]	International/cross-border entities
Q32f.a	The emergency communications-focused <b>functional exercises</b> our organization participates in or conducts include [SATA]	Other public safety organizations in the same jurisdiction
Q32f.b	The emergency communications-focused <b>functional exercises</b> our organization participates in or conducts include [SATA]	Other government organizations in the same jurisdiction that support public safety
Q32f.c	The emergency communications-focused <b>functional exercises</b> our organization participates in or conducts include [SATA]	Local governments
Q32f.d	The emergency communications-focused <b>functional exercises</b> our organization participates in or conducts include [SATA]	State/territorial governments
Q32f.e	The emergency communications-focused <b>functional exercises</b> our organization participates in or conducts include [SATA]	Federal departments/agencies
Q32f.f	The emergency communications-focused <b>functional exercises</b> our organization participates in or conducts include [SATA]	Tribal governments/organizations

Q32f.g	The emergency communications-focused <b>functional exercises</b> our organization participates in or conducts include [SATA]	NGO/private sector
Q32f.h	The emergency communications-focused <b>functional exercises</b> our organization participates in or conducts include [SATA]	International/cross-border entities
Q32g.a	The emergency communications-focused <b>full-scale exercises</b> our organization participates in or conducts include [SATA]	Other public safety organizations in the same jurisdiction
Q32g.b	The emergency communications-focused <b>full-scale exercises</b> our organization participates in or conducts include [SATA]	Other government organizations in the same jurisdiction that support public safety
Q32g.c	The emergency communications-focused <b>full-scale exercises</b> our organization participates in or conducts include [SATA]	Local governments
Q32g.d	The emergency communications-focused <b>full-scale exercises</b> our organization participates in or conducts include [SATA]	State/territorial governments
Q32g.e	The emergency communications-focused <b>full-scale exercises</b> our organization participates in or conducts include [SATA]	Federal departments/agencies
Q32g.f	The emergency communications-focused <b>full-scale exercises</b> our organization participates in or conducts include [SATA]	Tribal governments/organizations
Q32g.g	The emergency communications-focused <b>full-scale exercises</b> our organization participates in or conducts include [SATA]	NGO/private sector
Q32g.h	The emergency communications-focused <b>full-scale exercises</b> our organization participates in or conducts include [SATA]	International/cross-border entities
Q33_1.1	Have exercises adequately prepared your organization's personnel to achieve <b>day-to-day operability</b> ? [SOR]	>Yes >No
Q33_1.2	Have exercises adequately prepared your organization's personnel to achieve <b>out-of-the-ordinary operability</b> ? [SOR]	>Yes >No
Q33_2.1	Have exercises adequately prepared your organization's personnel to achieve <b>day-to-day interoperability</b> ? [SOR]	>Yes >No
Q33_2.2	Have exercises adequately prepared your organization's personnel to achieve <b>out-of-the-ordinary interoperability</b> ? [SOR]	>Yes >No
Q33_3.1	Have exercises adequately prepared your organization's personnel to achieve <b>day-to-day continuity</b> ? [SOR]	>Yes >No
Q33_3.2	Have exercises adequately prepared your organization's personnel to achieve <b>out-of-the-ordinary continuity</b> ? [SOR]	>Yes >No
Q34_1.a	Select the ways in which your organization's <b>primary voice</b> capability is tested (or regularly used) [SATA]	For day-to-day situations
Q34_1.b	Select the ways in which your organization's <b>primary voice</b> capability is tested (or regularly used) [SATA]	For out-of-the-ordinary situations
Q34_1.c	Select the ways in which your organization's <b>primary voice</b> capability is tested (or regularly used) [SATA]	With personnel beyond our organization

Q34_1.d	Select the ways in which your organization's <b>primary voice</b> capability is tested (or regularly used) [SATA]	In accordance with SOPs/SOGs
Q34_1.e	Select the ways in which your organization's <b>primary voice</b> capability is tested (or regularly used) [SATA]	My organization does not have this capability
Q34_2.a	Select the ways in which your organization's <b>primary data</b> capability is tested (or regularly used) [SATA]	For day-to-day situations
Q34_2.b	Select the ways in which your organization's <b>primary data</b> capability is tested (or regularly used) [SATA]	For out-of-the-ordinary situations
Q34_2.c	Select the ways in which your organization's <b>primary data</b> capability is tested (or regularly used) [SATA]	With personnel beyond our organization
Q34_2.d	Select the ways in which your organization's <b>primary data</b> capability is tested (or regularly used) [SATA]	In accordance with SOPs/SOGs
Q34_2.e	Select the ways in which your organization's <b>primary data</b> capability is tested (or regularly used) [SATA]	My organization does not have this capability
Q34_3.a	Select the ways in which your organization's <b>voice interoperability</b> capability is tested (or regularly used) [SATA]	For day-to-day situations
Q34_3.b	Select the ways in which your organization's <b>voice interoperability</b> capability is tested (or regularly used) [SATA]	For out-of-the-ordinary situations
Q34_3.c	Select the ways in which your organization's <b>voice interoperability</b> capability is tested (or regularly used) [SATA]	With personnel beyond our organization
Q34_3.d	Select the ways in which your organization's <b>voice interoperability</b> capability is tested (or regularly used) [SATA]	In accordance with SOPs/SOGs
Q34_3.e	Select the ways in which your organization's <b>voice interoperability</b> capability is tested (or regularly used) [SATA]	My organization does not have this capability
Q34_4.a	Select the ways in which your organization's <b>data interoperability</b> capability is tested (or regularly used) [SATA]	For day-to-day situations
Q34_4.b	Select the ways in which your organization's <b>data interoperability</b> capability is tested (or regularly used) [SATA]	For out-of-the-ordinary situations
Q34_4.c	Select the ways in which your organization's <b>data interoperability</b> capability is tested (or regularly used) [SATA]	With personnel beyond our organization
Q34_4.d	Select the ways in which your organization's <b>data interoperability</b> capability is tested (or regularly used) [SATA]	In accordance with SOPs/SOGs
Q34_4.e	Select the ways in which your organization's <b>data interoperability</b> capability is tested (or regularly used) [SATA]	My organization does not have this capability
Q34_5.a	Select the ways in which your organization's <b>backup voice</b> capability is tested (or regularly used) [SATA]	For day-to-day situations
Q34_5.b	Select the ways in which your organization's <b>backup voice</b> capability is tested (or regularly used) [SATA]	For out-of-the-ordinary situations
Q34_5.c	Select the ways in which your organization's <b>backup voice</b> capability is tested (or regularly used) [SATA]	With personnel beyond our organization
Q34_5.d	Select the ways in which your organization's <b>backup voice</b> capability is tested (or regularly used) [SATA]	In accordance with SOPs/SOGs
Q34_5.e	Select the ways in which your organization's <b>backup voice</b> capability is tested (or regularly used) [SATA]	My organization does not have this capability

Q34_6.a	Select the ways in which your organization's <b>backup data</b> capability is tested (or regularly used) [SATA]	For day-to-day situations
Q34_6.b	Select the ways in which your organization's <b>backup data</b> capability is tested (or regularly used) [SATA]	For out-of-the-ordinary situations
Q34_6.c	Select the ways in which your organization's <b>backup data</b> capability is tested (or regularly used) [SATA]	With personnel beyond our organization
Q34_6.d	Select the ways in which your organization's <b>backup data</b> capability is tested (or regularly used) [SATA]	In accordance with SOPs/SOGs
Q34_6.e	Select the ways in which your organization's <b>backup data</b> capability is tested (or regularly used) [SATA]	My organization does not have this capability
Q34_7.a	Select the ways in which your organization's <b>alerts and warnings</b> capability is tested (or regularly used) [SATA]	For day-to-day situations
Q34_7.b	Select the ways in which your organization's <b>alerts and warnings</b> capability is tested (or regularly used) [SATA]	For out-of-the-ordinary situations
Q34_7.c	Select the ways in which your organization's <b>alerts and warnings</b> capability is tested (or regularly used) [SATA]	With personnel beyond our organization
Q34_7.d	Select the ways in which your organization's <b>alerts and warnings</b> capability is tested (or regularly used) [SATA]	In accordance with SOPs/SOGs
Q34_7.e	Select the ways in which your organization's <b>alerts and warnings</b> capability is tested (or regularly used) [SATA]	My organization does not have this capability
Q37_1	Select the response that best characterize the capacity of your organization's <b>primary voice</b> resource [SOR]	<ul style="list-style-type: none"> <li>&gt;Insufficient for day-to-day situations</li> <li>&gt;Sufficient for day-to-day situations but not for out-of-the-ordinary situations</li> <li>&gt;Sufficient for day-to-day situations and most out-of-the-ordinary situations</li> <li>&gt;Sufficient for almost all situations, including those requiring resources beyond our organization</li> <li>&gt;Our organization does not have this resource</li> </ul>
Q37_2	Select the response that best characterize the capacity of your organization's <b>primary data</b> resource [SOR]	<ul style="list-style-type: none"> <li>&gt;Insufficient for day-to-day situations</li> <li>&gt;Sufficient for day-to-day situations but not for out-of-the-ordinary situations</li> <li>&gt;Sufficient for day-to-day situations and most out-of-the-ordinary situations</li> <li>&gt;Sufficient for almost all situations, including those requiring resources beyond our organization</li> <li>&gt;Our organization does not have this resource</li> </ul>
Q37_3	Select the response that best characterize the capacity of your organization's <b>voice interoperability</b> resource [SOR]	<ul style="list-style-type: none"> <li>&gt;Insufficient for day-to-day situations</li> <li>&gt;Sufficient for day-to-day situations but not for out-of-the-ordinary situations</li> <li>&gt;Sufficient for day-to-day situations and most out-of-the-ordinary situations</li> <li>&gt;Sufficient for almost all situations, including those requiring resources beyond our organization</li> <li>&gt;Our organization does not have this resource</li> </ul>

Q37_4	Select the response that best characterize the capacity of your organization's <b>data interoperability</b> resource [SOR]	<ul style="list-style-type: none"> <li>&gt;Insufficient for day-to-day situations</li> <li>&gt;Sufficient for day-to-day situations but not for out-of-the-ordinary situations</li> <li>&gt;Sufficient for day-to-day situations and most out-of-the-ordinary situations</li> <li>&gt;Sufficient for almost all situations, including those requiring resources beyond our organization</li> <li>&gt;Our organization does not have this resource</li> </ul>
Q37_5	Select the response that best characterize the capacity of your organization's <b>backup voice</b> resource [SOR]	<ul style="list-style-type: none"> <li>&gt;Insufficient for day-to-day situations</li> <li>&gt;Sufficient for day-to-day situations but not for out-of-the-ordinary situations</li> <li>&gt;Sufficient for day-to-day situations and most out-of-the-ordinary situations</li> <li>&gt;Sufficient for almost all situations, including those requiring resources beyond our organization</li> <li>&gt;Our organization does not have this resource</li> </ul>
Q37_6	Select the response that best characterize the capacity of your organization's <b>backup data</b> resource [SOR]	<ul style="list-style-type: none"> <li>&gt;Insufficient for day-to-day situations</li> <li>&gt;Sufficient for day-to-day situations but not for out-of-the-ordinary situations</li> <li>&gt;Sufficient for day-to-day situations and most out-of-the-ordinary situations</li> <li>&gt;Sufficient for almost all situations, including those requiring resources beyond our organization</li> <li>&gt;Our organization does not have this resource</li> </ul>
Q37_7	Select the response that best characterize the capacity of your organization's <b>alerts and warnings</b> resource [SOR]	<ul style="list-style-type: none"> <li>&gt;Insufficient for day-to-day situations</li> <li>&gt;Sufficient for day-to-day situations but not for out-of-the-ordinary situations</li> <li>&gt;Sufficient for day-to-day situations and most out-of-the-ordinary situations</li> <li>&gt;Sufficient for almost all situations, including those requiring resources beyond our organization</li> <li>&gt;Our organization does not have this resource</li> </ul>
Q38_1	Select the responses that best characterize how often your organization uses or deploys <b>interoperable voice solutions</b> [SOR]	<ul style="list-style-type: none"> <li>&gt;Never</li> <li>&gt;As needed</li> <li>&gt;Semi-annually</li> <li>&gt;Quarterly</li> <li>&gt;Monthly</li> <li>&gt;Daily</li> </ul>
Q38_2	Select the responses that best characterize how often your organization uses or deploys <b>interoperable data solutions</b> [SOR]	<ul style="list-style-type: none"> <li>&gt;Never</li> <li>&gt;As needed</li> <li>&gt;Semi-annually</li> <li>&gt;Quarterly</li> <li>&gt;Monthly</li> <li>&gt;Daily</li> </ul>
Q38_3	Select the responses that best characterize how often your organization uses or deploys a <b>Communications Unit Leader (COML)</b> [SOR]	<ul style="list-style-type: none"> <li>&gt;Never</li> <li>&gt;As needed</li> <li>&gt;Semi-annually</li> <li>&gt;Quarterly</li> <li>&gt;Monthly</li> <li>&gt;Daily</li> </ul>



Q38_4	Select the responses that best characterize how often your organization uses or deploys a <b>Communications Unit Technician (COMT)</b> [SOR]	<ul style="list-style-type: none"> <li>&gt;Never</li> <li>&gt;As needed</li> <li>&gt;Semi-annually</li> <li>&gt;Quarterly</li> <li>&gt;Monthly</li> <li>&gt;Daily</li> </ul>
Q38_5	Select the responses that best characterize how often your organization uses or deploys <b>IT Service Unit Leader (ITSL)</b> [SOR]	<ul style="list-style-type: none"> <li>&gt;Never</li> <li>&gt;As needed</li> <li>&gt;Semi-annually</li> <li>&gt;Quarterly</li> <li>&gt;Monthly</li> <li>&gt;Daily</li> </ul>
Q38_6	Select the responses that best characterize how often your organization uses or deploys <b>Incident Tactical Dispatcher (INTD)</b> [SOR]	<ul style="list-style-type: none"> <li>&gt;Never</li> <li>&gt;As needed</li> <li>&gt;Semi-annually</li> <li>&gt;Quarterly</li> <li>&gt;Monthly</li> <li>&gt;Daily</li> </ul>
Q38_7	Select the responses that best characterize how often your organization uses or deploys <b>Auxiliary Communications (AUXCOMM) Operator (e.g., Amateur Radio Operator, Auxiliary Communications Operator)</b> [SOR]	<ul style="list-style-type: none"> <li>&gt;Never</li> <li>&gt;As needed</li> <li>&gt;Semi-annually</li> <li>&gt;Quarterly</li> <li>&gt;Monthly</li> <li>&gt;Daily</li> </ul>
Q38_8	Select the responses that best characterize how often your organization uses or deploys <b>Incident Communications Manager (INCM)</b> [SOR]	<ul style="list-style-type: none"> <li>&gt;Never</li> <li>&gt;As needed</li> <li>&gt;Semi-annually</li> <li>&gt;Quarterly</li> <li>&gt;Monthly</li> <li>&gt;Daily</li> </ul>
Q39_1.1	Are your organization's end users proficient in using emergency communications capabilities to achieve <b>day-to-day operability</b> ? [SOR]	<ul style="list-style-type: none"> <li>&gt;Yes</li> <li>&gt;No</li> </ul>
Q39_1.2	Are your organization's end users proficient in using emergency communications capabilities to achieve <b>out-of-the-ordinary operability</b> ? [SOR]	<ul style="list-style-type: none"> <li>&gt;Yes</li> <li>&gt;No</li> </ul>
Q39_2.1	Are your organization's end users proficient in using emergency communications capabilities to achieve <b>day-to-day interoperability</b> ? [SOR]	<ul style="list-style-type: none"> <li>&gt;Yes</li> <li>&gt;No</li> </ul>
Q39_2.2	Are your organization's end users proficient in using emergency communications capabilities to achieve <b>out-of-the-ordinary interoperability</b> ? [SOR]	<ul style="list-style-type: none"> <li>&gt;Yes</li> <li>&gt;No</li> </ul>
Q39_3.1	<b>Are your organization's end users proficient in using emergency communications capabilities to achieve day-to-day continuity?</b> [SOR]	<ul style="list-style-type: none"> <li>&gt;Yes</li> <li>&gt;No</li> </ul>
Q39_3.2	<b>Are your organization's end users proficient in using emergency communications capabilities to achieve out-of-the-ordinary continuity?</b> [SOR]	<ul style="list-style-type: none"> <li>&gt;Yes</li> <li>&gt;No</li> </ul>
Q40.a	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	Land Mobile Radio (LMR) system

Q40.b	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	4G/Long-Term Evolution (LTE) system
Q40.c	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	5G system
Q40.d	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	Satellite system
Q40.e	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	High Frequency (HF) Radio (Auxiliary Communications [AUXCOMM]/SHARED RESOURCES [SHARES]/FEMA National Radio System [FNARS])
Q40.f	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	Paging system
Q40.g	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	WiFi
Q40.h	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	Legacy cellular system (2nd Generation/3rd Generation)
Q40.i	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	Wireline/landline (e.g., fiber, copper, cable, optical)
Q40.j	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	Microwave backhaul
Q40.k	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	911 telephony (e.g., basic, enhanced, Next Generation 911 [NG911])
Q40.l	Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based [SATA]	Ad-hoc networks (e.g., wireless mesh network, MANET, personal area networks, wide-area networks)
Q40a01.a	The primary LMR system used by my organization is [SATA]	Used for voice
Q40a01.b	The primary LMR system used by my organization is [SATA]	Used for video
Q40a01.c	The primary LMR system used by my organization is [SATA]	Used for data
Q40a01.d	The primary LMR system used by my organization is [SATA]	Used for voice interoperability
Q40a01.e	The primary LMR system used by my organization is [SATA]	Used for data interoperability

Q40a02.a	The primary LMR system used by my organization supports [SATA]	Day-to-day situations with intervention
Q40a02.b	The primary LMR system used by my organization supports [SATA]	Day-to-day situations without intervention
Q40a02.c	The primary LMR system used by my organization supports [SATA]	Out-of-the-ordinary situations with intervention
Q40a02.d	The primary LMR system used by my organization supports [SATA]	Out-of-the-ordinary situations without intervention
Q40a03	The primary LMR system used by my organization is [SOR]	<ul style="list-style-type: none"> <li>&gt;Independently owned and operated (e.g., single jurisdiction system) and used exclusively by our organization</li> <li>&gt;Part of a communications system that serves multiple public safety and/or public service organizations in our jurisdiction</li> <li>&gt;Part of a multi-jurisdictional shared system</li> <li>&gt;Part of a statewide shared system</li> <li>&gt;A commercial, subscription-based service</li> </ul>
Q40a04	The primary LMR system used by my organization is [SOR]	<ul style="list-style-type: none"> <li>&gt;0-1 year old</li> <li>&gt;2-5 years old</li> <li>&gt;6-10 years old</li> <li>&gt;Over 10 years old</li> </ul>
Q40a05	The primary LMR system used by my organization is planned to be replaced or significantly upgraded [SOR]	<ul style="list-style-type: none"> <li>&gt;Within 1 year</li> <li>&gt;Within 5 years</li> <li>&gt;Within 6-10 years</li> <li>&gt;In more than 10 years</li> </ul>
Q40a06	Select the response that best characterizes the network architecture of your organization's primary LMR system [SOR]	<ul style="list-style-type: none"> <li>&gt;Conventional (not trunked)</li> <li>&gt;Trunked</li> <li>&gt;Both</li> </ul>
Q40a07	Does your organization's primary LMR system comply with Project 25 (P25) standards (i.e., a P25-compliant system) [SOR]	<ul style="list-style-type: none"> <li>&gt;Yes, Phase 1 (frequency division multiple access [FDMA] only) system</li> <li>&gt;Yes, Phase 2 (time division multiple access [TDMA] only) system</li> <li>&gt;Yes, both Phase 1 and 2 (FDMA and TDMA)</li> <li>&gt;No</li> </ul>
Q40a08	Is the primary LMR system used by your organization interoperable with the 4G/long-term evolution (LTE) system used by your organization?	<ul style="list-style-type: none"> <li>&gt;Yes</li> <li>&gt;No</li> <li>&gt;My organization does not use LTE</li> </ul>
Q40a09	My organization's LTE/LMR system interoperability is enabled by [SOR]	<ul style="list-style-type: none"> <li>&gt;P25 standards-based Inter-RF Subsystem Interface (ISSI)/Console Subsystem Interface (CSSI)</li> <li>&gt;Applications-based solution</li> <li>&gt;Proprietary interworking function</li> <li>&gt;Interworking Function (IWF)</li> </ul>
Q40a10.a	Select the responses that best characterize the current state of your organization's LMR encryption capabilities [SATA]	Proprietary/non-standard
Q40a10.b	Select the responses that best characterize the current state of your organization's LMR encryption capabilities [SATA]	Proprietary/non-standard transitioning to advanced encryption standard (AES)
Q40a10.c	Select the responses that best characterize the current state of your organization's LMR encryption capabilities [SATA]	Data encryption standard (DES) (including all derivatives)
Q40a10.d	Select the responses that best characterize the current state of your organization's LMR encryption capabilities [SATA]	DES transitioning to AES

Q40a10.e	Select the responses that best characterize the current state of your organization's LMR encryption capabilities [SATA]	AES
Q40a10.f	Select the responses that best characterize the current state of your organization's LMR encryption capabilities [SATA]	AES actively expanding the number of encrypted talkgroups and/or channels
Q40a10.g	Select the responses that best characterize the current state of your organization's LMR encryption capabilities [SATA]	Link layer authentication (LLA) (Applies to Trunked Systems Only)
Q40a10.h	Select the responses that best characterize the current state of your organization's LMR encryption capabilities [SATA]	Over-the-air rekeying (OTAR)
Q40a10.i	Select the responses that best characterize the current state of your organization's LMR encryption capabilities [SATA]	Procuring multikey subscriber devices
Q40a10.j	Select the responses that best characterize the current state of your organization's LMR encryption capabilities [SATA]	None
Q40b1.a	The 4G/LTE system used by my organization is [SATA]	Used for voice
Q40b1.b	The 4G/LTE system used by my organization is [SATA]	Used for video
Q40b1.c	The 4G/LTE system used by my organization is [SATA]	Used for data
Q40b1.d	The 4G/LTE system used by my organization is [SATA]	Used for voice interoperability
Q40b1.e	The 4G/LTE system used by my organization is [SATA]	Used for data interoperability
Q40b2	The 4G/LTE system used by my organization is [SOR]	<ul style="list-style-type: none"> <li>&gt;Independently owned and operated (e.g., single jurisdiction system) and used exclusively by our organization</li> <li>&gt;Part of a communications system that serves multiple public safety and/or public service organizations in our jurisdiction</li> <li>&gt;Part of a multi-jurisdictional shared system</li> <li>&gt;Part of a statewide shared system</li> <li>&gt;A commercial, subscription-based service</li> </ul>
Q40c1.a	The 5G system used by my organization is [SATA]	Used for voice
Q40c1.b	The 5G system used by my organization is [SATA]	Used for video
Q40c1.c	The 5G system used by my organization is [SATA]	Used for data
Q40c1.d	The 5G system used by my organization is [SATA]	Used for voice interoperability
Q40c1.e	The 5G system used by my organization is [SATA]	Used for data interoperability
Q40c2	The 5G system used by my organization is [SOR]	<ul style="list-style-type: none"> <li>&gt;Independently owned and operated (e.g., single jurisdiction system) and used exclusively by our organization</li> <li>&gt;Part of a communications system that serves multiple public safety and/or public service organizations in our jurisdiction</li> <li>&gt;Part of a multi-jurisdictional shared system</li> <li>&gt;Part of a statewide shared system</li> <li>&gt;A commercial, subscription-based service</li> </ul>
Q40d1	The HF radio system used by my organization is [SOR]	<ul style="list-style-type: none"> <li>&gt;0-1 year old</li> <li>&gt;2-5 years old</li> <li>&gt;6-10 years old</li> <li>&gt;Over 10 years old</li> </ul>

Q40d2	The HF radio system used by my organization is planned to be replaced or significantly upgraded [SOR]	>Within 1 year >Within 5 years >Within 6-10 years >In more than 10 years
Q40e1	The 911 telephony system used by my organization is [SOR]	>0-1 year old >2-5 years old >6-10 years old >Over 10 years old
Q40e2	The 911 telephony system used by my organization is planned to be replaced or significantly upgraded [SOR]	>Within 1 year >Within 5 years >Within 6-10 years >In more than 10 years
Q40e3.a	The 911 telephony system used by my organization accepts [SATA]	>Voice
Q40e3.b	The 911 telephony system used by my organization accepts [SATA]	>Texts
Q40e3.c	The 911 telephony system used by my organization accepts [SATA]	>Video
Q40e3.d	The 911 telephony system used by my organization accepts [SATA]	>Other data
Q40e4.a	Select the responses that best characterize the current state of your organization's 911 architecture [SATA]	Basic
Q40e4.b	Select the responses that best characterize the current state of your organization's 911 architecture [SATA]	Transitioning to E911
Q40e4.c	Select the responses that best characterize the current state of your organization's 911 architecture [SATA]	E911
Q40e4.d	Select the responses that best characterize the current state of your organization's 911 architecture [SATA]	Transitioning to Next Generation 911 (NG911)
Q40e4.e	Select the responses that best characterize the current state of your organization's 911 architecture [SATA]	NG911: Emergency Services IP Network (ESInet) ready to receive 911 calls from the originating service providers via a Legacy Network Gateway
Q40e4.f	Select the responses that best characterize the current state of your organization's 911 architecture [SATA]	NG911: ESInet ready to receive 911 calls in SIP (Session Initiation Protocol) format
Q40e4.g	Select the responses that best characterize the current state of your organization's 911 architecture [SATA]	NG911: ESInet ready to receive 911 calls in NG911 format
Q41.a	Select the responses that indicate the capabilities your organization currently uses, regardless of whether the capability is owned, shared, or subscription-based [SATA]	Datacasting (i.e., broadcast TV-based alerts and warnings)
Q41.b	Select the responses that indicate the capabilities your organization currently uses, regardless of whether the capability is owned, shared, or subscription-based [SATA]	Internet of Things devices (e.g., smart clothing, smartphones, smart watches)
Q41.c	Select the responses that indicate the capabilities your organization currently uses, regardless of whether the capability is owned, shared, or subscription-based [SATA]	Unmanned aerial systems (e.g., drones)

Q41.d	Select the responses that indicate the capabilities your organization currently uses, regardless of whether the capability is owned, shared, or subscription-based [SATA]	Mission critical push-to-talk applications
Q41.e	Select the responses that indicate the capabilities your organization currently uses, regardless of whether the capability is owned, shared, or subscription-based [SATA]	Cloud computing
Q41.f	Select the responses that indicate the capabilities your organization currently uses, regardless of whether the capability is owned, shared, or subscription-based [SATA]	Artificial intelligence
Q41.i	Select the responses that indicate the capabilities your organization currently uses, regardless of whether the capability is owned, shared, or subscription-based [SATA]	Citizens Broadband Radio Service (CBRS)-based system
Q41.j	Select the responses that indicate the capabilities your organization currently uses, regardless of whether the capability is owned, shared, or subscription-based [SATA]	Third-party texting/chat applications
Q41.k	Select the responses that indicate the capabilities your organization currently uses, regardless of whether the capability is owned, shared, or subscription-based [SATA]	None of the above
Q42_1.a	Select the responses that best describe your organization's use of the <b>Integrated Public Alerts &amp; Warning System (IPAWS)</b> [SATA]	My organization originates messages using this system
Q42_1.b	Select the responses that best describe your organization's use of the <b>Integrated Public Alerts &amp; Warning System (IPAWS)</b> [SATA]	My organization responds to messages on this system originated by another organization
Q42_1.c	Select the responses that best describe your organization's use of the <b>Integrated Public Alerts &amp; Warning System (IPAWS)</b> [SATA]	My organization neither originates nor responds to messages using this system
Q42_2.a	Select the responses that best describe your organization's use of the <b>Emergency Alert System (EAS)</b> [SATA]	My organization originates messages using this system
Q42_2.b	Select the responses that best describe your organization's use of the <b>Emergency Alert System (EAS)</b> [SATA]	My organization responds to messages on this system originated by another organization
Q42_2.c	Select the responses that best describe your organization's use of the <b>Emergency Alert System (EAS)</b> [SATA]	My organization neither originates nor responds to messages using this system
Q42_3.a	Select the responses that best describe your organization's use of <b>Wireless Emergency Alerts (WEA)</b> [SATA]	My organization originates messages using this system
Q42_3.b	Select the responses that best describe your organization's use of <b>Wireless Emergency Alerts (WEA)</b> [SATA]	My organization responds to messages on this system originated by another organization
Q42_3.c	Select the responses that best describe your organization's use of <b>Wireless Emergency Alerts (WEA)</b> [SATA]	My organization neither originates nor responds to messages using this system

Q42_4.a	Select the responses that best describe your organization's use of the <b>National Oceanic and Atmospheric Administration (NOAA) National Weather Service (NWS)</b> [SATA]	My organization originates messages using this system
Q42_4.b	Select the responses that best describe your organization's use of the <b>National Oceanic and Atmospheric Administration (NOAA) National Weather Service (NWS)</b> [SATA]	My organization responds to messages on this system originated by another organization
Q42_4.c	Select the responses that best describe your organization's use of the <b>National Oceanic and Atmospheric Administration (NOAA) National Weather Service (NWS)</b> [SATA]	My organization neither originates nor responds to messages using this system
Q42_5.a	Select the responses that best describe your organization's use of <b>regional, state, local, tribal, and/or territorial alert, warning, and notification systems (e.g., reverse 911 systems, outdoor sirens, digital signs, short message service/mass email)</b> [SATA]	My organization originates messages using this system
Q42_5.b	Select the responses that best describe your organization's use of <b>regional, state, local, tribal, and/or territorial alert, warning, and notification systems (e.g., reverse 911 systems, outdoor sirens, digital signs, short message service/mass email)</b> [SATA]	My organization responds to messages on this system originated by another organization
Q42_5.c	Select the responses that best describe your organization's use of <b>regional, state, local, tribal, and/or territorial alert, warning, and notification systems (e.g., reverse 911 systems, outdoor sirens, digital signs, short message service/mass email)</b> [SATA]	My organization neither originates nor responds to messages using this system
Q42_6.a	Select the responses that best describe your organization's use of <b>sensor-based alert systems (e.g., gunshot detection, flooding, earthquake, hurricane, volcano)</b> [SATA]	My organization originates messages using this system
Q42_6.b	Select the responses that best describe your organization's use of <b>sensor-based alert systems (e.g., gunshot detection, flooding, earthquake, hurricane, volcano)</b> [SATA]	My organization responds to messages on this system originated by another organization
Q42_6.c	Select the responses that best describe your organization's use of <b>sensor-based alert systems (e.g., gunshot detection, flooding, earthquake, hurricane, volcano)</b> [SATA]	My organization neither originates nor responds to messages using this system
Q44.a	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Expanded/implemented remote work and telework options
Q44.b	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Expanded or opened backup facilities
Q44.c	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Established communications redundancy with neighboring jurisdictions
Q44.d	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Created non-emergency lines or hotlines to help divert COVID-19 related calls from 911 services

Q44.e	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Implemented operational changes based on federal, state, and/or local guidance
Q44.f	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Drafted new policies and procedures related to pandemic planning and response
Q44.g	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Updated existing policies and procedures related to pandemic planning and response
Q44.h	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Diverted funds to cover pandemic-related expenses (e.g., personal protective equipment, cleaning supplies)
Q44.i	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Adjusted budgets due to decreased funding from state and local revenues
Q44.j	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Delayed systems/network construction, maintenance, and/or upgrade projects
Q44.k	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Established/maintained communications capabilities for alternate care sites
Q44.l	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Increased cybersecurity posture and promoted cyber hygiene practices
Q44.m	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Ceased operations temporarily
Q44.n	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	Experienced staffing below established minimum levels
Q44.o	My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic [SATA]	None of the above
Q45_1.1	Between 2018 and present, what was your organization's level of improvement in strengthening <b>day-to-day operability</b> ? [SOR]	>Regressed >None >Some >Significant
Q45_1.2	Between 2018 and present, what was your organization's level of improvement in strengthening <b>out-of-the-ordinary operability</b> ? [SOR]	>Regressed >None >Some >Significant
Q45_2.1	Between 2018 and present, what was your organization's level of improvement in strengthening <b>day-to-day interoperability</b> ? [SOR]	>Regressed >None >Some >Significant
Q45_2.2	Between 2018 and present, what was your organization's level of improvement in strengthening <b>out-of-the-ordinary interoperability</b> ? [SOR]	>Regressed >None >Some >Significant
Q45_3.1	Between 2018 and present, what was your organization's level of improvement in strengthening <b>day-to-day continuity</b> ? [SOR]	>Regressed >None >Some >Significant



Q45\_3.2 Between 2018 and present, what was your organization's level of improvement in strengthening **out-of-the-ordinary continuity**? [SOR]

- >Regressed
- >None
- >Some
- >Significant

**Acronym Glossary.** The table below defines acronyms used in this resource.

<b>Acronym</b>	
AES	[encryption] Advanced Encryption Standard
AES	[cybersecurity resource] Assessment Evaluation and Standardization
AIS	Automated Indicator Sharing
AMAC	Advanced Malware Analysis Center
AUXCOM	Auxiliary Communication Operator
AUXCOMM	Auxiliary Communications
AV	Antivirus
AVL	Automatic Vehicle Location
AWN	Alerts, Warnings, and Notifications
CAD	Computer Aided Dispatch
CBRS	Citizens Broadband Radio Service
CDM	Continuous Diagnostics and Mitigation
CISA	Cybersecurity and Infrastructure Security Agency
COLT	Cell on Light Truck
COMC	Communications Coordinator
COML	Communications Unit Leader
COMT	Communications Unit Technician
COMU	Communications Unit
COW	Cell on Wheels
CRR	Cyber Resiliency Review
CSA	Cybersecurity Advisory
CSET	Cybersecurity Evaluation Tool
CSSI	Console Subsystem Interface
CTI	Cyber Threat Intelligence
DES	Data Encryption Standard
DHS	Department of Homeland Security
DLP	Data Loss Prevention
DNS	Domain Name Service
DoS	Denial of Service
E911	Enhanced 911
EAS	Emergency Alert System
ECC	Emergency Communications Center
ECS	Enhanced Cybersecurity Services
EDM	External Dependencies Management
EDR	Endpoint Detection and Response
EM	Emergency Management
EMS	Emergency Medical Services
ESF	Emergency Support Function
ESInet	Emergency Services IP Network
FBI	Federal Bureau of Investigation

FDMA	Frequency Division Multiple Access
FedVTE	Federal Virtual Training Environment
FEMA	Federal Emergency Management Agency
FIRE	Fire & Rescue
FNARS	FEMA National Radio System
GIS	Geographic Information System
HF	High Frequency
HIRT	Hunt and Incident Response Team
HSEEP	Homeland Security Exercise Evaluation Program
IC3	Internet Crime Complaint Center
ICS	Incident Command System
ICTAP	Interoperable Communications Technical Assistance Program
IDPS	Intrusion Detection and Prevention Systems
INCM	Incident Communications Manager
INTD	Incident Tactical Dispatch
IoT	Internet-of-Things
IPAWS	Integrated Public Alert and Warning System
IRT	Incident Response Team
ISSI	Inter-Radio Frequency Subsystem Interface
IT	Information Technology
ITSL	Information Technology Services Unit Leader
IWF	Interworking Function
JCDC	Joint Cyber Defense Collaborative
LE	Law Enforcement
LLA	Link Layer Authentication
LMR	Land Mobile Radio
LTE	Long-Term Evolution
MANET	Mobile ad hoc Network
MCPTT	Mission Critical Push-To-Talk
MS-ISAC	Multi-State Information Sharing and Analysis Center
NG911	Next Generation 911
NGO	Non-Governmental Organization
NIEM	National Information Exchange Model
NIFOG	National Interoperability Field Operations Guide
NIMS	National Incident Management System
NOAA	National Oceanic and Atmospheric Administration
NPSBN	National Public Safety Broadband Network
NPSPAC	National Public Safety Planning Advisory Committee
NWS	National Weather Service
OTAR	Over-the-Air Rekeying
P25	Project 25
PCAP	Packet Capture
PIV	Personal Identification Verification
PNT	Position, Navigation, and Timing
PSAP	Public Safety Answering Point
RF	Radio Frequency
RMS	Records Management System

RPT	Remote Penetration Testing
RUCC	Rural-Urban Continuum Code
SATA	Select All That Apply
SHARES	SHARed RESources
SIEM	Security Information and Event Management
SIP	Session Initiated Protocol
SOG	Standard Operating Guideline
SOP	Standard Operating Procedure
SOR	Selet One Response
SQL	Structured Query Language
TDMA	Time Division Multiple Access
TDoS	Telephony Denial of Service
TSP	Telecommunications Service Priority
USDA	United States Department of Agriculture
WEA	Wireless Emergency Alerts

**D02\_5) Rural-Urban Continuum Code (RUCC) assignments and definitions given by the U.S. Department of Agriculture (USDA). Within SNS data tables, Metro organizations are defined as those with RUCC 1; Urban are defined as those with RUCC 2-4; and Rural are defined as those with RUCC 5-9.** (Synthetic: derived from respondent-provided county.) Note: when respondent-provided county information was not available, RUCC was approximated using respondent-provided ZIP, resulting in the small observed rates of urbanicity inconsistency with RUCC codes caused by ZIP code splits across multiple counties with different RUCCs.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
1: Metro county (or independent city) with population 1 million or more	ALL	<b>0.2869</b>	0.0012	0.0016	0.9944
	ECC	0.3133	0	0	0.9975
	EM	0.2882	0	0.0022	0.9947
	EMS	0.2917	0.0018	0.0016	0.9938
	FIRE	0.287	0.0028	0	0.9936
	LE	0.3161	0	0.0015	0.9982
2: Metro county with population 250,000 to 1 million	ALL	<b>0.1782</b>	0.0012	0.4755	0.0014
	ECC	0.1784	0.0024	0.5	0
	EM	0.1691	0	0.4793	0
	EMS	0.1813	0.0036	0.4869	0
	FIRE	0.1915	0.0028	0.4916	0.0016
	LE	0.1796	0.0018	0.4831	0.0018
3: Metro county with population less than 250,000	ALL	<b>0.1206</b>	0.0012	0.3217	0.0007
	ECC	0.1113	0	0.3133	0
	EM	0.1107	0	0.3137	0
	EMS	0.1201	0.0018	0.3213	0.0021
	FIRE	0.1229	0.0014	0.3165	0
	LE	0.1116	0.0018	0.3006	0
4: Nonmetro county with population 20,000 or more, adjacent to a metro county	ALL	<b>0.0726</b>	0.0006	0.194	0
	ECC	0.0647	0.0024	0.18	0
	EM	0.0699	0	0.1983	0
	EMS	0.0685	0	0.1852	0
	FIRE	0.0719	0	0.1859	0
	LE	0.0776	0	0.2101	0
5: Nonmetro county with population 20,000 or more, not adjacent to a metro county	ALL	<b>0.0288</b>	0.0842	0.0005	0
	ECC	0.0237	0.0716	0	0
	EM	0.0346	0.0966	0	0
	EMS	0.0315	0.0934	0	0
	FIRE	0.0315	0.0954	0.0012	0
	LE	0.0176	0.0559	0	0
6: Nonmetro county with population 5,000 to 20,000, adjacent to a metro county	ALL	<b>0.1312</b>	0.3787	0.0043	0.0035
	ECC	0.1215	0.3628	0.0022	0.0025
	EM	0.1291	0.3498	0.0065	0.0053
	EMS	0.1225	0.3573	0.0016	0.0041
	FIRE	0.1289	0.3889	0.0024	0.0048
	LE	0.1309	0.4108	0.0046	0
7: Nonmetro county with population 5,000 to 20,000, not adjacent to a metro county	ALL	<b>0.0882</b>	0.2587	0.0011	0
	ECC	0.0955	0.2864	0.0022	0
	EM	0.0869	0.2425	0	0
	EMS	0.0873	0.2567	0.0016	0

	<b>FIRE</b>	0.0876	0.2664	0.0024	0
	<b>LE</b>	0.0793	0.2523	0	0
	<b>ALL</b>	<b>0.0377</b>	0.1099	0.0011	0
	<b>ECC</b>	0.0339	0.1002	0.0022	0
8: Nonmetro county with population less than 5,000, adjacent to a metro county	<b>EM</b>	0.0423	0.118	0	0
	<b>EMS</b>	0.0394	0.1149	0.0016	0
	<b>FIRE</b>	0.0306	0.094	0	0
	<b>LE</b>	0.0374	0.1189	0	0
	<b>ALL</b>	<b>0.0558</b>	0.1643	0	0
	<b>ECC</b>	0.0576	0.1742	0	0
9: Nonmetro county with population less than 5,000, not adjacent to a metro county	<b>EM</b>	0.0692	0.1931	0	0
	<b>EMS</b>	0.0576	0.1706	0	0
	<b>FIRE</b>	0.0482	0.1481	0	0
	<b>LE</b>	0.0499	0.1586	0	0

**D02\_6) Organizational urbanicity assignments.** (Synthetic: assigned based on organizational RUCC calculated in Q02\_5.)

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Metro (RUCC 1)	ALL	0.2875	0	0	1
	ECC	0.3141	0	0	1
	EM	0.2888	0	0	1
	EMS	0.2923	0	0	1
	FIRE	0.2878	0	0	1
	LE	0.3161	0	0	1
Urban (RUCC 2-4)	ALL	0.3732	0	1	0
	ECC	0.3552	0	1	0
	EM	0.3533	0	1	0
	EMS	0.3699	0	1	0
	FIRE	0.3869	0	1	0
	LE	0.3694	0	1	0
Rural (RUCC 5-9)	ALL	0.3393	1	0	0
	ECC	0.3307	1	0	0
	EM	0.3579	1	0	0
	EMS	0.3378	1	0	0
	FIRE	0.3253	1	0	0
	LE	0.3144	1	0	0

D04) Select the responses that characterize your organization's public safety discipline: (SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
Emergency Communications Center	ALL	0.2569	0.2504	0.2444	0.2807
	ECC	1	1	1	1
	EM	0.318	0.3069	0.3043	0.3484
	EMS	0.2596	0.246	0.2508	0.2863
	FIRE	0.2058	0.2168	0.1904	0.2142
	LE	0.362	0.3802	0.3482	0.3602
Emergency Management	ALL	0.2641	0.2785	0.2499	0.2655
	ECC	0.3273	0.3413	0.3111	0.3308
	EM	1	1	1	1
	EMS	0.3038	0.2729	0.2721	0.3797
	FIRE	0.2559	0.2525	0.2192	0.3092
	LE	0.2161	0.2523	0.1902	0.2104
Emergency Medical Services	ALL	0.3345	0.3329	0.3313	0.3404
	ECC	0.3383	0.327	0.34	0.3485
	EM	0.3848	0.3262	0.3609	0.4867
	EMS	1	1	1	1
	FIRE	0.5688	0.5392	0.5545	0.6216
	LE	0.236	0.2667	0.2285	0.214
Fire & Rescue	ALL	0.4376	0.4194	0.4536	0.4386
	ECC	0.351	0.3628	0.3533	0.3359
	EM	0.424	0.3798	0.3978	0.5106
	EMS	0.7441	0.6786	0.759	0.8008
	FIRE	1	1	1	1
	LE	0.2598	0.3045	0.2531	0.223
Law Enforcement	ALL	0.3579	0.3317	0.3542	0.3935
	ECC	0.5043	0.5036	0.5044	0.505
	EM	0.2926	0.3004	0.2696	0.3112
	EMS	0.2523	0.2657	0.2443	0.2469
	FIRE	0.2123	0.2411	0.1976	0.1997
	LE	1	1	1	1



D06) Estimate the number of personnel in your organization: (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
50 or Fewer	ALL	0.6949	0.8703	0.6917	0.4922
	ECC	0.5782	0.7967	0.56	0.3693
	EM	0.6436	0.794	0.6543	0.4441
	EMS	0.6487	0.8564	0.6256	0.4378
	FIRE	0.6925	0.8818	0.6963	0.4734
	LE	0.6162	0.796	0.6104	0.4444
51 to 250	ALL	0.2262	0.1136	0.2295	0.3547
	ECC	0.293	0.1938	0.2978	0.392
	EM	0.2335	0.1717	0.2174	0.3298
	EMS	0.2621	0.1221	0.2824	0.3983
	FIRE	0.2426	0.1068	0.2389	0.401
	LE	0.2693	0.1841	0.2669	0.3566
251 to 500	ALL	0.0355	0.0102	0.0424	0.0564
	ECC	0.0585	0.0024	0.0822	0.0905
	EM	0.0492	0.0236	0.0609	0.0665
	EMS	0.0388	0.0108	0.0476	0.0602
	FIRE	0.0297	0.0057	0.036	0.0483
	LE	0.0516	0.009	0.0644	0.0789
501 to 1,000	ALL	0.0199	0.0024	0.0223	0.0374
	ECC	0.0363	0.0048	0.0422	0.0628
	EM	0.0261	0.0043	0.0283	0.0505
	EMS	0.0225	0.0036	0.0263	0.0394
	FIRE	0.0204	0.0028	0.0216	0.0386
	LE	0.0329	0.0072	0.0399	0.0502
1,001 to 5,000	ALL	0.0199	0.0024	0.0131	0.0494
	ECC	0.0292	0.0024	0.0178	0.0704
	EM	0.0407	0.0043	0.037	0.0904
	EMS	0.0237	0.0054	0.0164	0.0539
	FIRE	0.0139	0.0028	0.0072	0.0354
	LE	0.0283	0.0036	0.0184	0.0645
5,001 to 10,000	ALL	0.0016	0.0006	0.0011	0.0035
	ECC	0.0008	0	0	0.0025
	EM	0.0015	0	0.0022	0.0027
	EMS	0.0024	0.0018	0.0016	0.0041
	FIRE	0	0	0	0
	LE	0.0006	0	0	0.0018
More than 10,000	ALL	0.002	0.0006	0	0.0063
	ECC	0.0039	0	0	0.0126
	EM	0.0054	0.0021	0	0.016
	EMS	0.0018	0	0	0.0062
	FIRE	0.0009	0	0	0.0032
	LE	0.0011	0	0	0.0036

D07) Estimate the population size that your organization serves: (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Fewer than 2,500	ALL	<b>0.1483</b>	0.2427	0.137	0.0515
	ECC	0.0182	0.0287	0.0222	0.0025
	EM	0.0637	0.1094	0.0522	0.0213
	EMS	0.1371	0.2298	0.1248	0.0456
	FIRE	0.1878	0.3248	0.1693	0.058
	LE	0.1451	0.2365	0.1426	0.0573
2,501 to 4,999	ALL	<b>0.1225</b>	0.1656	0.1256	0.0677
	ECC	0.0395	0.0789	0.0222	0.0176
	EM	0.0822	0.133	0.0587	0.0479
	EMS	0.1383	0.1975	0.1379	0.0705
	FIRE	0.1656	0.2123	0.1813	0.0918
	LE	0.1088	0.157	0.1028	0.0681
5,000 to 9,999	ALL	<b>0.1345</b>	0.1656	0.1202	0.1164
	ECC	0.0924	0.1555	0.0644	0.0578
	EM	0.1075	0.1674	0.0652	0.0851
	EMS	0.1402	0.1706	0.1281	0.1203
	FIRE	0.1526	0.1681	0.1525	0.1353
	LE	0.1395	0.1859	0.1273	0.1075
10,000 to 24,999	ALL	<b>0.2101</b>	0.2271	0.1925	0.213
	ECC	0.2109	0.3397	0.1489	0.1457
	EM	0.2189	0.2983	0.1848	0.1622
	EMS	0.2154	0.2262	0.2003	0.222
	FIRE	0.2027	0.1624	0.1981	0.2544
	LE	0.2098	0.213	0.1994	0.2186
25,000 to 249,000	ALL	<b>0.3073</b>	0.1984	0.3507	0.3794
	ECC	0.4968	0.3947	0.6067	0.4799
	EM	0.4224	0.2918	0.5239	0.4601
	EMS	0.2979	0.1741	0.335	0.3942
	FIRE	0.2514	0.1325	0.2581	0.3768
	LE	0.3197	0.2076	0.3512	0.3943
250,000 to 1 million	ALL	<b>0.0584</b>	0.0006	0.0707	0.1107
	ECC	0.1043	0.0024	0.1222	0.191
	EM	0.0776	0	0.113	0.1303
	EMS	0.0522	0.0018	0.0657	0.0934
	FIRE	0.0315	0	0.0384	0.058
	LE	0.059	0	0.0752	0.0986
More than 1 million	ALL	<b>0.0189</b>	0	0.0033	0.0614
	ECC	0.0379	0	0.0133	0.1055
	EM	0.0276	0	0.0022	0.0931
	EMS	0.0188	0	0.0082	0.0539
	FIRE	0.0083	0	0.0024	0.0258
	LE	0.0181	0	0.0015	0.0556

**Q01) My organization participates in informal decision-making groups that address emergency communications that include representatives from: (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Within my organization (Q01.a)	ALL	<b>0.8053</b>	0.7614	0.8172	0.8418
	ECC	0.882	0.8254	0.9042	0.9167
	EM	0.861	0.8108	0.8886	0.8898
	EMS	0.8372	0.804	0.8548	0.8536
	FIRE	0.8048	0.774	0.8041	0.8409
	LE	0.8162	0.7699	0.82	0.8577
Other public safety organizations in the same jurisdiction (Q01.b)	ALL	<b>0.7485</b>	0.7104	0.7665	0.7702
	ECC	0.8179	0.756	0.8352	0.8636
	EM	0.8309	0.7871	0.8624	0.8468
	EMS	0.7439	0.705	0.7673	0.7594
	FIRE	0.7061	0.6581	0.7127	0.7516
	LE	0.7393	0.7065	0.7538	0.755
Other government organizations in the same jurisdiction that support public safety (Q01.c)	ALL	<b>0.6054</b>	0.5582	0.6159	0.6475
	ECC	0.6936	0.6483	0.6971	0.7374
	EM	0.7081	0.6624	0.7162	0.7554
	EMS	0.5817	0.5234	0.5924	0.636
	FIRE	0.5612	0.4993	0.5685	0.6218
	LE	0.6033	0.5688	0.6123	0.627
Local governments (Q01.d)	ALL	<b>0.5042</b>	0.4412	0.5063	0.5759
	ECC	0.5796	0.5215	0.588	0.6313
	EM	0.6232	0.5634	0.6223	0.6989
	EMS	0.478	0.3831	0.4868	0.5774
	FIRE	0.4751	0.4006	0.4639	0.5747
	LE	0.5026	0.4493	0.5015	0.5568
State/territorial governments (Q01.e)	ALL	<b>0.3097</b>	0.2662	0.3213	0.3461
	ECC	0.4165	0.3565	0.461	0.4293
	EM	0.4479	0.3914	0.476	0.4839
	EMS	0.2841	0.223	0.302	0.3326
	FIRE	0.2492	0.206	0.2476	0.3003
	LE	0.3278	0.3007	0.3231	0.3604
Federal departments/agencies (Q01.f)	ALL	<b>0.1332</b>	0.1013	0.1348	0.1688
	ECC	0.1908	0.1364	0.2049	0.2323
	EM	0.2039	0.1527	0.2074	0.2634
	EMS	0.1268	0.0863	0.132	0.1674
	FIRE	0.1113	0.083	0.1166	0.1364
	LE	0.169	0.1304	0.1785	0.1964
Tribal governments/organizations (Q01.g)	ALL	<b>0.0397</b>	0.0486	0.042	0.0262
	ECC	0.0594	0.067	0.0757	0.0328
	EM	0.0734	0.0817	0.0786	0.0565
	EMS	0.0354	0.045	0.0363	0.023
	FIRE	0.0307	0.0443	0.0276	0.0195

	LE	0.045	0.0598	0.0446	0.0306
NGOs/private sector (Q01.h)	ALL	<b>0.1189</b>	0.0851	0.1288	0.1461
	ECC	0.1694	0.1148	0.1871	0.2071
	EM	0.2278	0.1634	0.2686	0.2581
	EMS	0.0994	0.0594	0.1106	0.1318
	FIRE	0.082	0.0558	0.0841	0.1088
	LE	0.0973	0.0616	0.1062	0.1225
International/cross-border entities (Q01.i)	ALL	<b>0.0128</b>	0.0084	0.0131	0.0177
	ECC	0.0182	0.0144	0.02	0.0202
	EM	0.0247	0.0129	0.0284	0.0349
	EMS	0.0104	0.009	0.0066	0.0167
	FIRE	0.0098	0.0086	0.0084	0.013
	LE	0.0131	0.0054	0.0154	0.018
My organization does not participate in informal decision-making groups (Q01.j)	ALL	<b>0.0525</b>	0.0647	0.048	0.044
	ECC	0.0428	0.0598	0.0445	0.0227
	EM	0.0239	0.0344	0.0197	0.0161
	EMS	0.05	0.0665	0.0413	0.0418
	FIRE	0.0545	0.0701	0.0517	0.0406
	LE	0.0581	0.0688	0.0554	0.0505

**Q02) My organization participates in formal decision-making groups that address emergency communications that include representatives from: (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Within my organization (Q02.a)	ALL	<b>0.7981</b>	0.7643	0.8068	0.8261
	ECC	0.8856	0.8546	0.8986	0.9026
	EM	0.85	0.816	0.8673	0.8703
	EMS	0.8158	0.7811	0.8353	0.8309
	FIRE	0.797	0.7709	0.7915	0.8333
	LE	0.8251	0.7824	0.8259	0.8661
Other public safety organizations in the same jurisdiction (Q02.b)	ALL	<b>0.7017</b>	0.6663	0.7196	0.7198
	ECC	0.7705	0.7118	0.795	0.8026
	EM	0.7848	0.7605	0.8363	0.7514
	EMS	0.6845	0.6531	0.7059	0.6934
	FIRE	0.6668	0.6285	0.6707	0.7042
	LE	0.7076	0.6848	0.7168	0.7193
Other government organizations in the same jurisdiction that support public safety (Q02.c)	ALL	<b>0.587</b>	0.5509	0.5997	0.6128
	ECC	0.6569	0.614	0.6509	0.7077
	EM	0.6952	0.6741	0.7058	0.7081
	EMS	0.5756	0.5288	0.5933	0.6068
	FIRE	0.5599	0.5213	0.561	0.6013
	LE	0.6053	0.5779	0.6203	0.6147
Local governments (Q02.d)	ALL	<b>0.4792</b>	0.4362	0.4814	0.5266
	ECC	0.5434	0.5163	0.5383	0.5769
	EM	0.5852	0.5388	0.5951	0.6297
	EMS	0.4611	0.3766	0.4924	0.518
	FIRE	0.4572	0.3921	0.4573	0.5294
	LE	0.4965	0.4597	0.4937	0.5358
State/territorial governments (Q02.e)	ALL	<b>0.2912</b>	0.2579	0.3015	0.3168
	ECC	0.3885	0.3459	0.4234	0.3923
	EM	0.4156	0.388	0.4358	0.4243
	EMS	0.2788	0.2115	0.316	0.3087
	FIRE	0.2442	0.1924	0.2488	0.2958
	LE	0.3152	0.2908	0.3307	0.3211
Federal departments/agencies (Q02.f)	ALL	<b>0.1199</b>	0.0938	0.1222	0.1473
	ECC	0.1703	0.1228	0.1734	0.2154
	EM	0.1807	0.1375	0.1991	0.2108
	EMS	0.1095	0.0816	0.116	0.1332
	FIRE	0.0975	0.0822	0.0951	0.1176
	LE	0.1579	0.122	0.1661	0.1835
Tribal governments/organizations (Q02.g)	ALL	<b>0.0332</b>	0.0426	0.0322	0.0237
	ECC	0.0479	0.0551	0.0518	0.0359
	EM	0.0668	0.0798	0.0686	0.0486
	EMS	0.0299	0.0408	0.0303	0.0169
	FIRE	0.0284	0.0382	0.0268	0.0196

	LE	0.0421	0.0563	0.0411	0.0294
NGOs/private sector (Q02.h)	ALL	<b>0.0887</b>	0.066	0.0966	0.1049
	ECC	0.1306	0.0952	0.1419	0.1538
	EM	0.1728	0.1397	0.1991	0.1811
	EMS	0.0803	0.0519	0.0924	0.0973
	FIRE	0.0658	0.0499	0.0671	0.0817
	LE	0.0819	0.0563	0.087	0.1009
International/cross-border entities (Q02.i)	ALL	<b>0.0096</b>	0.008	0.0083	0.0129
	ECC	0.013	0.01	0.0135	0.0154
	EM	0.0173	0.0155	0.0221	0.0135
	EMS	0.0093	0.0111	0.005	0.0127
	FIRE	0.0085	0.0073	0.0073	0.0114
	LE	0.0123	0.0131	0.0063	0.0183
My organization does not participate in formal decision-making groups (Q02.j)	ALL	<b>0.0582</b>	0.0697	0.0544	0.0496
	ECC	0.0341	0.0401	0.0383	0.0231
	EM	0.0267	0.0288	0.0243	0.027
	EMS	0.0591	0.0705	0.0538	0.0529
	FIRE	0.0611	0.0764	0.0622	0.0425
	LE	0.0515	0.0638	0.0538	0.0367

Q03) Do your formal decision-making groups invite and/or recruit participants beyond first responders? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.6692	0.6575	0.6692	0.6826
	ECC	0.7019	0.6789	0.7116	0.7143
	EM	0.753	0.7295	0.7477	0.7883
	EMS	0.6596	0.6285	0.6966	0.648
	FIRE	0.6419	0.622	0.6434	0.6615
	LE	0.6771	0.6501	0.6873	0.6916
No	ALL	0.3308	0.3425	0.3308	0.3174
	ECC	0.2981	0.3211	0.2884	0.2857
	EM	0.247	0.2705	0.2523	0.2117
	EMS	0.3404	0.3715	0.3034	0.352
	FIRE	0.3581	0.378	0.3566	0.3385
	LE	0.3229	0.3499	0.3127	0.3084

Q03a) What type of participants beyond first responders are invited to your organization's formal decision-making groups? (SATA) Note: quantities are proportions of local respondents that selected "Yes" on Q03.

Answer Option	Discipline	All	Rural	Urban	Metro
Emergency Support Function (ESF) #1 - Transportation (Q03a.a)	ALL	<b>0.2903</b>	0.3198	0.2746	0.2773
	ECC	0.3069	0.3049	0.2964	0.3203
	EM	0.402	0.4525	0.3905	0.3574
	EMS	0.2744	0.2941	0.2541	0.28
	FIRE	0.2547	0.2684	0.2484	0.2486
	LE	0.276	0.273	0.2809	0.2733
ESF #2 - Communications (Q03a.b)	ALL	<b>0.7855</b>	0.7705	0.7906	0.7958
	ECC	0.8338	0.8252	0.8321	0.8438
	EM	0.8425	0.8101	0.8603	0.8592
	EMS	0.7676	0.7516	0.7568	0.8
	FIRE	0.7732	0.7684	0.758	0.7978
	LE	0.8109	0.8286	0.817	0.7878
ESF #3 - Public Works and Engineering (Q03a.c)	ALL	<b>0.5199</b>	0.5099	0.4949	0.5626
	ECC	0.532	0.5285	0.5143	0.5547
	EM	0.6443	0.6487	0.6508	0.6318
	EMS	0.4658	0.4608	0.4243	0.5273
	FIRE	0.4717	0.4474	0.4437	0.5328
	LE	0.5817	0.5492	0.5567	0.6395
ESF #4 - Firefighting (Q03a.d)	ALL	<b>0.7811</b>	0.8048	0.7805	0.7552
	ECC	0.789	0.8415	0.7571	0.7734
	EM	0.7907	0.8386	0.7937	0.7329
	EMS	0.7792	0.7712	0.7757	0.7927
	FIRE	0.765	0.7684	0.7728	0.7514
	LE	0.787	0.8286	0.7938	0.7413
ESF #5 - Information and Planning (Q03a.e)	ALL	<b>0.3878</b>	0.3904	0.3563	0.4246
	ECC	0.4412	0.4593	0.4214	0.4453
	EM	0.5143	0.5316	0.4825	0.5307
	EMS	0.3764	0.3856	0.3297	0.4291
	FIRE	0.3714	0.3711	0.3355	0.418
	LE	0.4097	0.4127	0.3892	0.4302
ESF #6 - Mass Care, Emergency Assistance, Temporary Housing, and Human Resources (Q03a.f)	ALL	<b>0.3857</b>	0.379	0.3967	0.3794
	ECC	0.4194	0.4146	0.4143	0.4297
	EM	0.5231	0.5538	0.5429	0.4657
	EMS	0.3533	0.3366	0.3595	0.3636
	FIRE	0.3311	0.3079	0.3503	0.3306
	LE	0.3868	0.419	0.3763	0.3692
ESF #7 - Logistics (Q03a.g)	ALL	<b>0.2838</b>	0.2835	0.2489	0.3283
	ECC	0.3223	0.3049	0.2929	0.3711
	EM	0.3822	0.4114	0.3111	0.4296
	EMS	0.2797	0.2582	0.2378	0.36
	FIRE	0.272	0.2553	0.2378	0.3333



	LE	0.2913	0.2921	0.2603	0.3256
ESF #8 - Public Health and Medical Services (Q03a.h)	ALL	<b>0.5841</b>	0.6231	0.595	0.5267
	ECC	0.601	0.6667	0.6	0.5391
	EM	0.6916	0.7627	0.7048	0.5957
	EMS	0.5994	0.6405	0.573	0.5891
	FIRE	0.5555	0.5789	0.5499	0.5383
	LE	0.5415	0.6127	0.5619	0.4535
ESF #9 - Search and Rescue (Q03a.i)	ALL	<b>0.4417</b>	0.5109	0.427	0.3828
	ECC	0.4655	0.5407	0.4571	0.4023
	EM	0.5253	0.6044	0.5111	0.4513
	EMS	0.4511	0.5033	0.4243	0.4291
	FIRE	0.4684	0.5447	0.4374	0.429
	LE	0.4136	0.5333	0.3918	0.3285
ESF #10 - Oil and Hazardous Materials Response (Q03a.j)	ALL	<b>0.2327</b>	0.27	0.2185	0.2088
	ECC	0.257	0.3089	0.2714	0.1914
	EM	0.3623	0.4146	0.346	0.3213
	EMS	0.2292	0.2516	0.2027	0.24
	FIRE	0.2375	0.2605	0.2187	0.2377
	LE	0.1872	0.254	0.1701	0.1453
ESF #11 - Agriculture and Natural Resources (Q03a.k)	ALL	<b>0.1383</b>	0.189	0.1249	0.0986
	ECC	0.1522	0.2317	0.1429	0.0859
	EM	0.2236	0.2911	0.2032	0.1697
	EMS	0.122	0.1699	0.1027	0.0945
	FIRE	0.1413	0.1974	0.1465	0.0765
	LE	0.1184	0.1778	0.1005	0.0843
ESF #12 - Energy (Q03a.l)	ALL	<b>0.1685</b>	0.189	0.1635	0.152
	ECC	0.1816	0.2195	0.1821	0.1445
	EM	0.2665	0.3101	0.254	0.231
	EMS	0.1283	0.1176	0.1216	0.1491
	FIRE	0.1446	0.1421	0.1529	0.1366
	LE	0.1538	0.1746	0.1469	0.1424
ESF #13 - Public Safety and Security (Q03a.m)	ALL	<b>0.65</b>	0.6334	0.6657	0.6485
	ECC	0.7251	0.7317	0.75	0.6914
	EM	0.7599	0.7468	0.8	0.7292
	EMS	0.5952	0.5752	0.5811	0.6364
	FIRE	0.6113	0.5868	0.6242	0.6202
	LE	0.6667	0.6571	0.683	0.657
ESF #14 - Cross-Sector Business and Infrastructure (Q03a.n)	ALL	<b>0.1023</b>	0.1049	0.0946	0.109
	ECC	0.0985	0.0935	0.1	0.1016
	EM	0.1861	0.1899	0.1841	0.1841
	EMS	0.0862	0.0556	0.0757	0.1345
	FIRE	0.0797	0.0711	0.0786	0.0902
	LE	0.0716	0.0762	0.0541	0.0872
ESF #15 - External Affairs (Q03a.o)	ALL	<b>0.0786</b>	0.08	0.0661	0.0928
	ECC	0.0665	0.0772	0.0429	0.082
	EM	0.1674	0.1677	0.1429	0.1949
	EMS	0.0515	0.0458	0.0378	0.0764
	FIRE	0.0493	0.0474	0.0361	0.0683
	LE	0.0544	0.0698	0.0387	0.0581

Information Technology Advisors or Providers (Q03a.p)	ALL	<b>0.3312</b>	0.2233	0.337	0.4443
	ECC	0.4744	0.3374	0.5143	0.5625
	EM	0.4383	0.3291	0.4698	0.5271
	EMS	0.3039	0.1993	0.3108	0.4109
	FIRE	0.2777	0.1737	0.2824	0.3798
	LE	0.384	0.2413	0.3943	0.5029
Cybersecurity Advisors or Providers (Q03a.q)	ALL	<b>0.2004</b>	0.1526	0.1855	0.2726
	ECC	0.3056	0.2195	0.3179	0.375
	EM	0.2919	0.2658	0.2762	0.3394
	EMS	0.1767	0.1307	0.1649	0.2436
	FIRE	0.1528	0.1132	0.1359	0.2158
	LE	0.2254	0.1714	0.2191	0.282
Non-governmental Organizations (NGO) (Q03a.r)	ALL	<b>0.2121</b>	0.2015	0.2195	0.2146
	ECC	0.2379	0.252	0.2357	0.2266
	EM	0.3436	0.3576	0.3714	0.296
	EMS	0.163	0.134	0.1811	0.1709
	FIRE	0.1693	0.1474	0.1868	0.1694
	LE	0.1767	0.1587	0.183	0.186
Private Sector (Q03a.s)	ALL	<b>0.2495</b>	0.2347	0.2626	0.2494
	ECC	0.2852	0.248	0.3107	0.293
	EM	0.3392	0.3544	0.3492	0.3105
	EMS	0.2229	0.1895	0.2297	0.2509
	FIRE	0.2153	0.1947	0.2251	0.224
	LE	0.2082	0.1905	0.201	0.2326
Academia (Q03a.t)	ALL	<b>0.1177</b>	0.0997	0.1267	0.1265
	ECC	0.1496	0.1098	0.1857	0.1484
	EM	0.2004	0.1772	0.2413	0.1805
	EMS	0.0925	0.0621	0.0973	0.12
	FIRE	0.0813	0.0553	0.087	0.1011
	LE	0.1213	0.0889	0.1314	0.1395

Q04\_1.1) Do the decision-making groups in which your organization participates sufficiently support your organization's need for communications operability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.9002	0.8766	0.9046	0.9229
	ECC	0.9144	0.9086	0.9005	0.9368
	EM	0.9079	0.8813	0.9242	0.9222
	EMS	0.8837	0.8563	0.8776	0.9242
	FIRE	0.8903	0.8772	0.8833	0.9149
	LE	0.9165	0.8844	0.9125	0.9533
No	ALL	0.0998	0.1234	0.0954	0.0771
	ECC	0.0856	0.0914	0.0995	0.0632
	EM	0.0921	0.1187	0.0758	0.0778
	EMS	0.1163	0.1437	0.1224	0.0758
	FIRE	0.1097	0.1228	0.1167	0.0851
	LE	0.0835	0.1156	0.0875	0.0467

Q04\_1.2) Do the decision-making groups in which your organization participates sufficiently support your organization's need for communications operability in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.8535	0.819	0.8542	0.8939
	ECC	0.9077	0.8865	0.91	0.9277
	EM	0.8769	0.8467	0.8821	0.9094
	EMS	0.82	0.7655	0.8243	0.8798
	FIRE	0.8173	0.7861	0.8115	0.8616
	LE	0.9006	0.8589	0.9005	0.9425
No	ALL	0.1465	0.181	0.1458	0.1061
	ECC	0.0923	0.1135	0.09	0.0723
	EM	0.1231	0.1533	0.1179	0.0906
	EMS	0.18	0.2345	0.1757	0.1202
	FIRE	0.1827	0.2139	0.1885	0.1384
	LE	0.0994	0.1411	0.0995	0.0575

Q04\_2.1) Do the decision-making groups in which your organization participates sufficiently support your organization's need for communications interoperability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.8479	0.8135	0.8539	0.8813
	ECC	0.8979	0.9024	0.8803	0.9135
	EM	0.8753	0.8618	0.887	0.8786
	EMS	0.8264	0.7753	0.825	0.8884
	FIRE	0.8219	0.7818	0.821	0.8689
	LE	0.8774	0.851	0.8741	0.9078
No	ALL	0.1521	0.1865	0.1461	0.1187
	ECC	0.1021	0.0976	0.1197	0.0865
	EM	0.1247	0.1382	0.113	0.1214
	EMS	0.1736	0.2247	0.175	0.1116
	FIRE	0.1781	0.2182	0.179	0.1311
	LE	0.1226	0.149	0.1259	0.0922

Q04\_2.2) Do the decision-making groups in which your organization participates sufficiently support your organization's need for communications interoperability in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7879	0.7488	0.7902	0.8317
	ECC	0.8493	0.8324	0.8575	0.858
	EM	0.81	0.7816	0.8251	0.828
	EMS	0.7516	0.7004	0.7453	0.8201
	FIRE	0.7426	0.7013	0.7359	0.7993
	LE	0.8576	0.8272	0.8478	0.8992
No	ALL	0.2121	0.2512	0.2098	0.1683
	ECC	0.1507	0.1676	0.1425	0.142
	EM	0.19	0.2184	0.1749	0.172
	EMS	0.2484	0.2996	0.2547	0.1799
	FIRE	0.2574	0.2987	0.2641	0.2007
	LE	0.1424	0.1728	0.1522	0.1008

Q04\_3.1) Do the decision-making groups in which your organization participates sufficiently support your organization's need for communications continuity in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.8378	0.8076	0.8416	0.8689
	ECC	0.8863	0.8862	0.8878	0.8847
	EM	0.8502	0.8322	0.8645	0.8559
	EMS	0.8129	0.7692	0.8138	0.8629
	FIRE	0.8066	0.7679	0.7995	0.8603
	LE	0.886	0.8571	0.8833	0.918
No	ALL	0.1622	0.1924	0.1584	0.1311
	ECC	0.1137	0.1138	0.1122	0.1153
	EM	0.1498	0.1678	0.1355	0.1441
	EMS	0.1871	0.2308	0.1862	0.1371
	FIRE	0.1934	0.2321	0.2005	0.1397
	LE	0.114	0.1429	0.1167	0.082

Q04\_3.2) Do the decision-making groups in which your organization participates sufficiently support your organization's need for communications continuity in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.773	0.7452	0.7741	0.805
	ECC	0.8276	0.8103	0.8425	0.829
	EM	0.7812	0.7683	0.7882	0.7895
	EMS	0.728	0.6848	0.7416	0.762
	FIRE	0.7247	0.7002	0.7198	0.7597
	LE	0.8507	0.8323	0.8424	0.8784
No	ALL	0.227	0.2548	0.2259	0.195
	ECC	0.1724	0.1897	0.1575	0.171
	EM	0.2188	0.2317	0.2118	0.2105
	EMS	0.272	0.3152	0.2584	0.238
	FIRE	0.2753	0.2998	0.2802	0.2403
	LE	0.1493	0.1677	0.1576	0.1216



**Q05\_1) Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability with other public safety organizations in the same jurisdiction.**

(SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
There are informal, undocumented agreements in practice with	ALL	<b>0.2704</b>	0.3085	0.2628	0.2353
	ECC	0.196	0.2186	0.225	0.1373
	EM	0.2897	0.3275	0.2717	0.2628
	EMS	0.2865	0.3244	0.2662	0.2672
	FIRE	0.2925	0.3345	0.2797	0.2615
	LE	0.2348	0.2642	0.2436	0.1973
There are published and active agreements with some	ALL	<b>0.2123</b>	0.2143	0.2094	0.2137
	ECC	0.223	0.2305	0.225	0.2124
	EM	0.208	0.2317	0.2255	0.1571
	EMS	0.2035	0.2215	0.2075	0.1772
	FIRE	0.1902	0.2038	0.2	0.1617
	LE	0.2399	0.2429	0.2318	0.2461
There are published and active agreements with most	ALL	<b>0.2707</b>	0.2452	0.2875	0.2794
	ECC	0.312	0.2844	0.3361	0.3137
	EM	0.2331	0.2091	0.2446	0.25
	EMS	0.2565	0.2125	0.2935	0.2619
	FIRE	0.2707	0.2439	0.2782	0.2914
	LE	0.2905	0.2665	0.3026	0.2993
Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with	ALL	<b>0.1844</b>	0.1605	0.1759	0.2232
	ECC	0.214	0.1886	0.1722	0.2908
	EM	0.2163	0.1788	0.1984	0.2853
	EMS	0.1966	0.1655	0.1845	0.2487
	FIRE	0.1816	0.1411	0.1729	0.2395
	LE	0.1669	0.1627	0.1513	0.1885
Not applicable	ALL	<b>0.0621</b>	0.0714	0.0643	0.0484
	ECC	0.055	0.0778	0.0417	0.0458
	EM	0.0529	0.0529	0.0598	0.0449
	EMS	0.0568	0.0761	0.0482	0.045
	FIRE	0.0649	0.0767	0.0692	0.0459
	LE	0.0679	0.0637	0.0707	0.0687

**Q05\_2) Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability with other government organizations in the same jurisdiction that support public safety.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
There are informal, undocumented agreements in practice with	ALL	<b>0.2903</b>	0.3254	0.2783	0.2643
	ECC	0.2241	0.244	0.2353	0.1895
	EM	0.3052	0.3274	0.2967	0.2871
	EMS	0.2941	0.3011	0.2845	0.2979
	FIRE	0.3008	0.3298	0.2873	0.2851
	LE	0.2551	0.2983	0.2425	0.2289
There are published and active agreements with some	ALL	<b>0.2162</b>	0.2051	0.2304	0.2113
	ECC	0.2322	0.2259	0.2381	0.232
	EM	0.215	0.2404	0.2308	0.1645
	EMS	0.2113	0.218	0.2293	0.1809
	FIRE	0.2015	0.2042	0.2212	0.1727
	LE	0.2318	0.2124	0.2425	0.2378
There are published and active agreements with most	ALL	<b>0.2517</b>	0.2318	0.2533	0.273
	ECC	0.2955	0.2711	0.2997	0.317
	EM	0.2291	0.2072	0.2308	0.2548
	EMS	0.2384	0.227	0.242	0.2473
	FIRE	0.2555	0.2443	0.2488	0.2771
	LE	0.2733	0.2601	0.2744	0.2844
Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with	ALL	<b>0.1486</b>	0.1308	0.1416	0.1783
	ECC	0.1628	0.1596	0.1373	0.1961
	EM	0.1793	0.1432	0.1676	0.2387
	EMS	0.1618	0.1438	0.1465	0.2021
	FIRE	0.1446	0.1117	0.1367	0.1928
	LE	0.1407	0.1313	0.1312	0.16
Not applicable	ALL	<b>0.0932</b>	0.107	0.0965	0.073
	ECC	0.0854	0.0994	0.0896	0.0654
	EM	0.0714	0.0818	0.0742	0.0548
	EMS	0.0944	0.1101	0.0977	0.0718
	FIRE	0.0976	0.1099	0.106	0.0723
	LE	0.0991	0.0979	0.1093	0.0889

**Q05\_3) Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability with local governments.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
There are informal, undocumented agreements in practice with	<b>ALL</b>	<b>0.2543</b>	0.297	0.2573	0.2007
	<b>ECC</b>	0.2161	0.2289	0.2591	0.1513
	<b>EM</b>	0.2617	0.2864	0.2904	0.1968
	<b>EMS</b>	0.249	0.3086	0.2331	0.1984
	<b>FIRE</b>	0.2549	0.3193	0.2462	0.1923
	<b>LE</b>	0.2303	0.2542	0.2356	0.2022
There are published and active agreements with some	<b>ALL</b>	<b>0.2358</b>	0.2261	0.2386	0.2435
	<b>ECC</b>	0.2523	0.2651	0.2256	0.2697
	<b>EM</b>	0.242	0.2711	0.2493	0.1968
	<b>EMS</b>	0.2343	0.2207	0.2521	0.2279
	<b>FIRE</b>	0.2212	0.2123	0.2431	0.2024
	<b>LE</b>	0.2456	0.2518	0.2317	0.2556
There are published and active agreements with most	<b>ALL</b>	<b>0.2332</b>	0.2022	0.2344	0.2679
	<b>ECC</b>	0.2613	0.2199	0.2702	0.2961
	<b>EM</b>	0.2364	0.2199	0.2192	0.2774
	<b>EMS</b>	0.2242	0.1689	0.2331	0.2788
	<b>FIRE</b>	0.241	0.2035	0.2309	0.2976
	<b>LE</b>	0.2471	0.2038	0.2673	0.2644
Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with	<b>ALL</b>	<b>0.1322</b>	0.1112	0.1259	0.1649
	<b>ECC</b>	0.1377	0.1235	0.117	0.1776
	<b>EM</b>	0.1567	0.1125	0.1534	0.2161
	<b>EMS</b>	0.1466	0.1306	0.1356	0.1796
	<b>FIRE</b>	0.1368	0.0965	0.133	0.1883
	<b>LE</b>	0.1239	0.1127	0.1149	0.1444
Not applicable	<b>ALL</b>	<b>0.1445</b>	0.1634	0.1438	0.123
	<b>ECC</b>	0.1327	0.1627	0.1281	0.1053
	<b>EM</b>	0.1032	0.11	0.0877	0.1129
	<b>EMS</b>	0.1458	0.1712	0.1462	0.1153
	<b>FIRE</b>	0.1461	0.1684	0.1468	0.1194
	<b>LE</b>	0.1531	0.1775	0.1505	0.1333

**Q05\_4) Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability with state/territorial governments.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
There are informal, undocumented agreements in practice with	<b>ALL</b>	<b>0.1896</b>	0.2033	0.2064	0.1525
	<b>ECC</b>	0.169	0.148	0.2225	0.1291
	<b>EM</b>	0.1793	0.1939	0.1836	0.1558
	<b>EMS</b>	0.1903	0.1959	0.2179	0.1486
	<b>FIRE</b>	0.1907	0.2032	0.216	0.1429
	<b>LE</b>	0.2032	0.2126	0.224	0.1715
There are published and active agreements with some	<b>ALL</b>	<b>0.2323</b>	0.2198	0.2427	0.234
	<b>ECC</b>	0.251	0.2719	0.2141	0.2715
	<b>EM</b>	0.2545	0.273	0.2795	0.2013
	<b>EMS</b>	0.2365	0.2369	0.2393	0.2324
	<b>FIRE</b>	0.2142	0.212	0.2269	0.2
	<b>LE</b>	0.2348	0.2319	0.22	0.2539
There are published and active agreements with most	<b>ALL</b>	<b>0.2016</b>	0.177	0.2085	0.2217
	<b>ECC</b>	0.2267	0.1994	0.2507	0.2285
	<b>EM</b>	0.2188	0.199	0.2219	0.2403
	<b>EMS</b>	0.1817	0.139	0.1859	0.227
	<b>FIRE</b>	0.2089	0.1714	0.2176	0.2408
	<b>LE</b>	0.2069	0.1884	0.21	0.2205
Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with	<b>ALL</b>	<b>0.1297</b>	0.123	0.1179	0.1525
	<b>ECC</b>	0.1427	0.1329	0.1296	0.1689
	<b>EM</b>	0.1634	0.1556	0.1507	0.1883
	<b>EMS</b>	0.1316	0.1162	0.1239	0.1595
	<b>FIRE</b>	0.1285	0.1095	0.1111	0.1735
	<b>LE</b>	0.1049	0.1184	0.084	0.1158
Not applicable	<b>ALL</b>	<b>0.2467</b>	0.2768	0.2245	0.2393
	<b>ECC</b>	0.2105	0.2477	0.1831	0.202
	<b>EM</b>	0.184	0.1786	0.1644	0.2143
	<b>EMS</b>	0.26	0.3121	0.2329	0.2324
	<b>FIRE</b>	0.2576	0.3039	0.2284	0.2429
	<b>LE</b>	0.2502	0.2488	0.262	0.2383

**Q05\_5) Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability with federal departments/agencies.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
There are informal, undocumented agreements in practice with	ALL	<b>0.1564</b>	0.1653	0.157	0.1453
	ECC	0.1665	0.1621	0.1854	0.149
	EM	0.179	0.1719	0.1717	0.1967
	EMS	0.1497	0.1781	0.1422	0.1253
	FIRE	0.1461	0.1726	0.1431	0.1193
	LE	0.1615	0.152	0.1734	0.157
There are published and active agreements with some	ALL	<b>0.1368</b>	0.1114	0.1521	0.147
	ECC	0.1716	0.156	0.1882	0.1689
	EM	0.141	0.1432	0.144	0.1344
	EMS	0.1316	0.0913	0.1681	0.1335
	FIRE	0.1366	0.1014	0.1586	0.1481
	LE	0.1548	0.1225	0.1734	0.1637
There are published and active agreements with most	ALL	<b>0.0902</b>	0.0766	0.0873	0.1098
	ECC	0.1127	0.0734	0.1039	0.1656
	EM	0.1	0.0938	0.0859	0.1246
	EMS	0.089	0.0868	0.0819	0.1008
	FIRE	0.0958	0.0872	0.098	0.1029
	LE	0.1081	0.0833	0.1069	0.1323
Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with	ALL	<b>0.0667</b>	0.0667	0.0599	0.0753
	ECC	0.066	0.0642	0.059	0.0762
	EM	0.0838	0.0833	0.072	0.0984
	EMS	0.0749	0.0662	0.069	0.0926
	FIRE	0.0686	0.0641	0.056	0.0905
	LE	0.0504	0.0539	0.0403	0.0583
Not applicable	ALL	<b>0.5499</b>	0.58	0.5437	0.5226
	ECC	0.4832	0.5443	0.4635	0.4404
	EM	0.4962	0.5078	0.5263	0.4459
	EMS	0.5548	0.5776	0.5388	0.5477
	FIRE	0.5529	0.5747	0.5443	0.5391
	LE	0.5252	0.5882	0.506	0.4888

**Q05\_6) Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability with tribal governments/organizations.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
There are informal, undocumented agreements in practice with	ALL	<b>0.0772</b>	0.0902	0.0843	0.0532
	ECC	0.0844	0.0951	0.0845	0.0728
	EM	0.0949	0.0984	0.1181	0.0625
	EMS	0.0897	0.1126	0.0921	0.0596
	FIRE	0.0845	0.0963	0.0946	0.0575
	LE	0.0683	0.0809	0.0645	0.0609
There are published and active agreements with some	ALL	<b>0.0323</b>	0.0379	0.0295	0.0293
	ECC	0.0336	0.0399	0.0366	0.0232
	EM	0.0408	0.0518	0.0302	0.0395
	EMS	0.033	0.0345	0.0385	0.0244
	FIRE	0.0284	0.0321	0.0264	0.0267
	LE	0.029	0.0392	0.0262	0.0226
There are published and active agreements with most	ALL	<b>0.0351</b>	0.0379	0.0309	0.0373
	ECC	0.0407	0.0307	0.0423	0.0497
	EM	0.0427	0.0492	0.0275	0.0526
	EMS	0.0299	0.0276	0.0214	0.0434
	FIRE	0.0348	0.0374	0.0295	0.039
	LE	0.0423	0.0515	0.0363	0.0406
Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with	ALL	<b>0.0178</b>	0.0159	0.0169	0.0213
	ECC	0.0132	0.0184	0.0113	0.0099
	EM	0.0256	0.0207	0.0247	0.0329
	EMS	0.0173	0.0138	0.0193	0.019
	FIRE	0.0183	0.0107	0.0202	0.0246
	LE	0.0111	0.0172	0.006	0.0113
Not applicable	ALL	<b>0.8375</b>	0.8182	0.8385	0.8589
	ECC	0.8281	0.816	0.8254	0.8444
	EM	0.796	0.7798	0.7995	0.8125
	EMS	0.8301	0.8115	0.8287	0.8537
	FIRE	0.834	0.8235	0.8295	0.8522
	LE	0.8493	0.8113	0.8669	0.8646

**Q05\_7) Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability with NGO/private sector. (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
There are informal, undocumented agreements in practice with	ALL	<b>0.172</b>	0.1812	0.1809	0.1502
	ECC	0.1589	0.1595	0.1671	0.1485
	EM	0.2462	0.2487	0.2507	0.2378
	EMS	0.1684	0.1625	0.1717	0.1712
	FIRE	0.1666	0.1554	0.1811	0.1602
	LE	0.1336	0.1474	0.1273	0.1281
There are published and active agreements with some	ALL	<b>0.1002</b>	0.0796	0.095	0.1307
	ECC	0.1375	0.0951	0.1416	0.1782
	EM	0.1515	0.1528	0.146	0.1564
	EMS	0.1015	0.0778	0.1094	0.1196
	FIRE	0.0845	0.0643	0.0836	0.1088
	LE	0.0928	0.059	0.0828	0.1348
There are published and active agreements with most	ALL	<b>0.047</b>	0.0387	0.0514	0.0512
	ECC	0.0601	0.0521	0.0623	0.066
	EM	0.0606	0.044	0.0661	0.0749
	EMS	0.0456	0.0389	0.0429	0.0571
	FIRE	0.0443	0.0321	0.0418	0.0616
	LE	0.046	0.0393	0.0545	0.0427
Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with	ALL	<b>0.0429</b>	0.0349	0.0422	0.053
	ECC	0.0397	0.0307	0.0283	0.0627
	EM	0.0634	0.0544	0.0661	0.0717
	EMS	0.0362	0.032	0.0343	0.0435
	FIRE	0.0378	0.0339	0.0325	0.0493
	LE	0.0334	0.0221	0.0343	0.0427
Not applicable	ALL	<b>0.6379</b>	0.6657	0.6305	0.6148
	ECC	0.6039	0.6626	0.6006	0.5446
	EM	0.4782	0.5	0.4711	0.4593
	EMS	0.6483	0.6888	0.6416	0.6087
	FIRE	0.6669	0.7143	0.661	0.6201
	LE	0.6941	0.7322	0.701	0.6517

**Q05\_8) Select the responses that best characterize the agreements your organization has made to enable emergency communications interoperability with international/cross-border entities.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
There are informal, undocumented agreements in practice with	ALL	<b>0.0564</b>	0.0598	0.0571	0.0514
	ECC	0.0601	0.0583	0.0678	0.053
	EM	0.0741	0.062	0.0831	0.0787
	EMS	0.063	0.0755	0.0624	0.0489
	FIRE	0.0616	0.0571	0.0684	0.0576
	LE	0.0371	0.0419	0.0343	0.036
There are published and active agreements with some	ALL	<b>0.0222</b>	0.0235	0.0176	0.0266
	ECC	0.0255	0.0307	0.0226	0.0232
	EM	0.0304	0.0362	0.0249	0.0295
	EMS	0.022	0.0229	0.0172	0.0272
	FIRE	0.0249	0.0286	0.0218	0.0247
	LE	0.0171	0.0172	0.0141	0.0202
There are published and active agreements with most	ALL	<b>0.0181</b>	0.0182	0.0127	0.0248
	ECC	0.0193	0.0184	0.0113	0.0298
	EM	0.0171	0.0181	0.0111	0.023
	EMS	0.0165	0.0206	0.0065	0.0245
	FIRE	0.016	0.0143	0.0093	0.0267
	LE	0.0208	0.0197	0.0202	0.0225
Agreements are reviewed every 3-5 years, after system upgrades, or incidents that test capabilities with	ALL	<b>0.0145</b>	0.0121	0.0169	0.0142
	ECC	0.0041	0.0061	0.0056	NR
	EM	0.0237	0.0207	0.0305	0.0197
	EMS	0.0142	0.0092	0.0194	0.0136
	FIRE	0.0166	0.0071	0.0202	0.0226
	LE	0.0074	0.0123	0.0061	0.0045
Not applicable	ALL	<b>0.8888</b>	0.8864	0.8956	0.8831
	ECC	0.891	0.8865	0.8927	0.894
	EM	0.8547	0.863	0.8504	0.8492
	EMS	0.8843	0.8719	0.8946	0.8859
	FIRE	0.881	0.8929	0.8802	0.8683
	LE	0.9175	0.9089	0.9253	0.9169



Q06\_1.1) Do your organization's agreements meet its needs to achieve communications operability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	<b>0.932</b>	0.9187	0.9255	0.9558
	ECC	0.9529	0.9667	0.928	0.9667
	EM	0.9323	0.9328	0.9183	0.9477
	EMS	0.9231	0.9023	0.9136	0.9597
	FIRE	0.9211	0.8966	0.9152	0.957
	LE	0.9469	0.9379	0.9372	0.9661
No	ALL	<b>0.068</b>	0.0813	0.0745	0.0442
	ECC	0.0471	0.0333	0.072	0.0333
	EM	0.0677	0.0672	0.0817	0.0523
	EMS	0.0769	0.0977	0.0864	0.0403
	FIRE	0.0789	0.1034	0.0848	0.043
	LE	0.0531	0.0621	0.0628	0.0339

Q06\_1.2) Do your organization's agreements meet its needs to achieve communications operability in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.8412	0.8109	0.8259	0.8959
	ECC	0.8893	0.8872	0.8617	0.9236
	EM	0.848	0.8182	0.8423	0.8922
	EMS	0.8101	0.7603	0.7987	0.8835
	FIRE	0.8031	0.7509	0.7953	0.8737
	LE	0.897	0.8651	0.8722	0.9548
No	ALL	0.1588	0.1891	0.1741	0.1041
	ECC	0.1107	0.1128	0.1383	0.0764
	EM	0.152	0.1818	0.1577	0.1078
	EMS	0.1899	0.2397	0.2013	0.1165
	FIRE	0.1969	0.2491	0.2047	0.1263
	LE	0.103	0.1349	0.1278	0.0452

Q06\_2.1) Do your organization's agreements meet its needs to achieve communications interoperability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.8661	0.8308	0.8679	0.9051
	ECC	0.912	0.921	0.8876	0.9302
	EM	0.8721	0.8605	0.8592	0.902
	EMS	0.8436	0.7945	0.8445	0.9003
	FIRE	0.844	0.7961	0.8459	0.8969
	LE	0.9037	0.8892	0.8864	0.9367
No	ALL	0.1339	0.1692	0.1321	0.0949
	ECC	0.088	0.079	0.1124	0.0698
	EM	0.1279	0.1395	0.1408	0.098
	EMS	0.1564	0.2055	0.1555	0.0997
	FIRE	0.156	0.2039	0.1541	0.1031
	LE	0.0963	0.1108	0.1136	0.0633

Q06\_2.2) Do your organization's agreements meet its needs to achieve communications interoperability in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7621	0.7234	0.7518	0.8207
	ECC	0.8227	0.8176	0.8035	0.8505
	EM	0.7679	0.7461	0.7662	0.7974
	EMS	0.7117	0.6522	0.7093	0.7853
	FIRE	0.7075	0.6481	0.6972	0.79
	LE	0.8525	0.8173	0.8354	0.9048
No	ALL	0.2379	0.2766	0.2482	0.1793
	ECC	0.1773	0.1824	0.1965	0.1495
	EM	0.2321	0.2539	0.2338	0.2026
	EMS	0.2883	0.3478	0.2907	0.2147
	FIRE	0.2925	0.3519	0.3028	0.21
	LE	0.1475	0.1827	0.1646	0.0952

Q06\_3.1) Do your organization's agreements meet its needs to achieve communications continuity in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.8503	0.8202	0.8472	0.8893
	ECC	0.9007	0.9149	0.879	0.9103
	EM	0.851	0.8472	0.8338	0.8758
	EMS	0.82	0.7699	0.8268	0.8706
	FIRE	0.822	0.7728	0.8236	0.8765
	LE	0.8987	0.8921	0.8742	0.9321
No	ALL	0.1497	0.1798	0.1528	0.1107
	ECC	0.0993	0.0851	0.121	0.0897
	EM	0.149	0.1528	0.1662	0.1242
	EMS	0.18	0.2301	0.1732	0.1294
	FIRE	0.178	0.2272	0.1764	0.1235
	LE	0.1013	0.1079	0.1258	0.0679

Q06\_3.2) Do your organization's agreements meet its needs to achieve communications continuity in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7435	0.7066	0.7354	0.797
	ECC	0.7947	0.7927	0.7739	0.8206
	EM	0.7225	0.6935	0.7203	0.7614
	EMS	0.6885	0.627	0.7078	0.7371
	FIRE	0.6953	0.6403	0.6992	0.7536
	LE	0.8375	0.8169	0.8069	0.8912
No	ALL	0.2565	0.2934	0.2646	0.203
	ECC	0.2053	0.2073	0.2261	0.1794
	EM	0.2775	0.3065	0.2797	0.2386
	EMS	0.3115	0.373	0.2922	0.2629
	FIRE	0.3047	0.3597	0.3008	0.2464
	LE	0.1625	0.1831	0.1931	0.1088

Q07\_01) Select the responses that best characterize your organization's overall networks/systems capital investment funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	0.2083	0.2816	0.2005	0.1309
	ECC	0.1014	0.1538	0.1054	0.0431
	EM	0.1771	0.25	0.1546	0.1107
	EMS	0.2295	0.3149	0.2219	0.1395
	FIRE	0.2458	0.3273	0.2475	0.1475
	LE	0.1565	0.2484	0.1596	0.0696
There is funding, but it is insufficient to meet needs	ALL	0.4404	0.45	0.4575	0.4074
	ECC	0.4277	0.4577	0.4354	0.3882
	EM	0.5035	0.5095	0.5329	0.459
	EMS	0.4521	0.4636	0.4329	0.4626
	FIRE	0.4581	0.4591	0.4631	0.4504
	LE	0.3913	0.4172	0.3936	0.3652
There is funding, and it is sufficient for all needs	ALL	0.204	0.1503	0.2014	0.2709
	ECC	0.2855	0.2538	0.2755	0.3294
	EM	0.1817	0.1361	0.1809	0.2418
	EMS	0.1906	0.1341	0.211	0.2313
	FIRE	0.1728	0.1159	0.1677	0.2466
	LE	0.2802	0.2134	0.258	0.3652
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	0.1051	0.0609	0.1003	0.1637
	ECC	0.1619	0.1077	0.1531	0.2275
	EM	0.1019	0.0601	0.0921	0.168
	EMS	0.0888	0.0437	0.0877	0.1429
	FIRE	0.086	0.0477	0.0858	0.1314
	LE	0.1285	0.0605	0.141	0.1768
Not applicable	ALL	0.0422	0.0571	0.0403	0.0271
	ECC	0.0235	0.0269	0.0306	0.0118
	EM	0.0359	0.0443	0.0395	0.0205
	EMS	0.0389	0.0437	0.0466	0.0238
	FIRE	0.0373	0.05	0.0359	0.0241
	LE	0.0435	0.0605	0.0479	0.0232

Q07\_02) Select the responses that best characterize your organization's overall networks/systems operating costs funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	0.1483	0.2025	0.1394	0.0957
	ECC	0.0468	0.0741	0.0363	0.0307
	EM	0.1137	0.1688	0.0984	0.061
	EMS	0.176	0.2432	0.1749	0.103
	FIRE	0.1933	0.2604	0.196	0.1132
	LE	0.109	0.1815	0.0914	0.0618
There is funding, but it is insufficient to meet needs	ALL	0.3975	0.4418	0.413	0.3259
	ECC	0.3525	0.4111	0.3729	0.2682
	EM	0.4501	0.4969	0.4656	0.3699
	EMS	0.397	0.4745	0.3689	0.3455
	FIRE	0.4102	0.4539	0.4158	0.3526
	LE	0.3412	0.3785	0.3708	0.2753
There is funding, and it is sufficient for all needs	ALL	0.3076	0.2346	0.3037	0.3982
	ECC	0.4245	0.3667	0.4191	0.4904
	EM	0.302	0.2281	0.3016	0.3984
	EMS	0.293	0.2012	0.3087	0.3754
	FIRE	0.2691	0.1959	0.2535	0.3737
	LE	0.3806	0.3108	0.3525	0.4747
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	0.1061	0.0672	0.1012	0.158
	ECC	0.1547	0.1222	0.1419	0.2031
	EM	0.1033	0.0656	0.0984	0.1585
	EMS	0.095	0.039	0.0929	0.1595
	FIRE	0.0925	0.0461	0.0931	0.1447
	LE	0.1241	0.0708	0.1279	0.1685
Not applicable	ALL	0.0406	0.0539	0.0426	0.0222
	ECC	0.0216	0.0259	0.0297	0.0077
	EM	0.031	0.0406	0.0361	0.0122
	EMS	0.039	0.042	0.0546	0.0166
	FIRE	0.0349	0.0438	0.0416	0.0158
	LE	0.0451	0.0585	0.0574	0.0197



Q07\_03) Select the responses that best characterize your organization's overall networks/systems maintenance funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	0.1537	0.216	0.1434	0.0922
	ECC	0.0462	0.08	0.0359	0.0227
	EM	0.1152	0.1723	0.1111	0.0447
	EMS	0.1779	0.2551	0.1713	0.097
	FIRE	0.1976	0.2695	0.198	0.1114
	LE	0.1092	0.1884	0.0914	0.0557
There is funding, but it is insufficient to meet needs	ALL	0.3726	0.3929	0.3989	0.3156
	ECC	0.342	0.3673	0.3758	0.2765
	EM	0.4276	0.4431	0.4542	0.374
	EMS	0.3847	0.4348	0.3591	0.3579
	FIRE	0.3906	0.4165	0.404	0.3422
	LE	0.3352	0.3647	0.3629	0.2786
There is funding, and it is sufficient for all needs	ALL	0.3303	0.2691	0.317	0.42
	ECC	0.4402	0.4109	0.4118	0.5038
	EM	0.333	0.2769	0.3235	0.4187
	EMS	0.3022	0.2174	0.3232	0.3746
	FIRE	0.2851	0.2183	0.27	0.3846
	LE	0.3931	0.3191	0.3734	0.4819
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	0.102	0.0698	0.0971	0.1467
	ECC	0.1527	0.12	0.1503	0.1894
	EM	0.0924	0.0708	0.0784	0.1382
	EMS	0.0974	0.0522	0.0939	0.1538
	FIRE	0.089	0.0512	0.082	0.1432
	LE	0.1167	0.0699	0.1149	0.1616
Not applicable	ALL	0.0413	0.0521	0.0436	0.0256
	ECC	0.0189	0.0218	0.0261	0.0076
	EM	0.0319	0.0369	0.0327	0.0244
	EMS	0.0378	0.0406	0.0525	0.0167
	FIRE	0.0377	0.0445	0.046	0.0186
	LE	0.0458	0.0578	0.0574	0.0223

Q07\_04) Select the responses that best characterize your organization's overall networks/systems upgrade funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	0.2301	0.3006	0.2287	0.1466
	ECC	0.1158	0.1538	0.1279	0.0618
	EM	0.1953	0.2508	0.1886	0.1297
	EMS	0.2707	0.3618	0.2621	0.1736
	FIRE	0.287	0.3643	0.3004	0.1745
	LE	0.1665	0.2401	0.1698	0.094
There is funding, but it is insufficient to meet needs	ALL	0.425	0.4329	0.4365	0.4009
	ECC	0.4415	0.4799	0.4545	0.3861
	EM	0.4877	0.4922	0.5051	0.4603
	EMS	0.4168	0.4265	0.4074	0.4167
	FIRE	0.4259	0.4321	0.4259	0.4183
	LE	0.4059	0.4255	0.4111	0.3818
There is funding, and it is sufficient for all needs	ALL	0.1998	0.1446	0.1915	0.2772
	ECC	0.2762	0.2418	0.2492	0.3436
	EM	0.1883	0.1442	0.1852	0.251
	EMS	0.189	0.1235	0.2023	0.25
	FIRE	0.1668	0.1086	0.1564	0.2521
	LE	0.2602	0.1854	0.2414	0.3504
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	0.1048	0.0699	0.1016	0.1512
	ECC	0.1508	0.1062	0.1481	0.2008
	EM	0.0947	0.0721	0.0875	0.1339
	EMS	0.0878	0.05	0.0798	0.1424
	FIRE	0.0822	0.0498	0.0741	0.133
	LE	0.1258	0.0942	0.1247	0.1567
Not applicable	ALL	0.0402	0.052	0.0417	0.0241
	ECC	0.0157	0.0183	0.0202	0.0077
	EM	0.0339	0.0408	0.0337	0.0251
	EMS	0.0358	0.0382	0.0484	0.0174
	FIRE	0.038	0.0452	0.0432	0.0222
	LE	0.0416	0.0547	0.0531	0.0171

Q07\_05) Select the responses that best characterize your organization's overall networks decommissioning funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	0.3511	0.4274	0.3473	0.2645
	ECC	0.2443	0.2549	0.2593	0.2176
	EM	0.3503	0.418	0.3496	0.267
	EMS	0.3987	0.487	0.3806	0.319
	FIRE	0.417	0.4917	0.4193	0.3207
	LE	0.2837	0.3878	0.2689	0.2014
There is funding, but it is insufficient to meet needs	ALL	0.1842	0.183	0.1912	0.1768
	ECC	0.1795	0.2206	0.1852	0.1343
	EM	0.209	0.1992	0.2398	0.1845
	EMS	0.1797	0.1784	0.1869	0.1724
	FIRE	0.1747	0.1575	0.1823	0.1862
	LE	0.1773	0.2091	0.1738	0.1511
There is funding, and it is sufficient for all needs	ALL	0.1333	0.098	0.121	0.1909
	ECC	0.2066	0.1863	0.1852	0.25
	EM	0.1412	0.1172	0.1098	0.2087
	EMS	0.1127	0.0818	0.0969	0.1681
	FIRE	0.1023	0.0746	0.0833	0.1621
	LE	0.1868	0.1331	0.177	0.2482
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	0.0533	0.0283	0.052	0.0849
	ECC	0.0814	0.049	0.0823	0.1111
	EM	0.0452	0.0273	0.0407	0.0728
	EMS	0.0392	0.0112	0.0381	0.0733
	FIRE	0.0357	0.0193	0.0286	0.0655
	LE	0.0686	0.0418	0.0623	0.1007
Not applicable	ALL	0.2781	0.2633	0.2885	0.2829
	ECC	0.2881	0.2892	0.2881	0.287
	EM	0.2542	0.2383	0.2602	0.267
	EMS	0.2696	0.2416	0.2976	0.2672
	FIRE	0.2703	0.2569	0.2865	0.2655
	LE	0.2837	0.2281	0.318	0.2986

Q07\_06) Select the responses that best characterize your organization's overall applications and services development and implementation funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	<b>0.2838</b>	0.362	0.2788	0.1995
	ECC	0.162	0.1992	0.1896	0.095
	EM	0.2681	0.3732	0.2372	0.1705
	EMS	0.3008	0.3875	0.2908	0.218
	FIRE	0.3336	0.4085	0.3349	0.2462
	LE	0.2207	0.3058	0.2236	0.1392
There is funding, but it is insufficient to meet needs	ALL	<b>0.3306</b>	0.3326	0.3428	0.3137
	ECC	0.3655	0.3814	0.3494	0.3678
	EM	0.3968	0.3768	0.4229	0.3917
	EMS	0.3333	0.3391	0.3268	0.3346
	FIRE	0.3292	0.3236	0.3421	0.3191
	LE	0.3166	0.354	0.3142	0.2848
There is funding, and it is sufficient for all needs	ALL	<b>0.2082</b>	0.1424	0.2055	0.2873
	ECC	0.3012	0.2712	0.2677	0.3678
	EM	0.1796	0.1304	0.1818	0.2396
	EMS	0.187	0.1384	0.183	0.2444
	FIRE	0.1646	0.1167	0.1507	0.2371
	LE	0.2761	0.1718	0.2779	0.3703
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	<b>0.0741</b>	0.0413	0.0702	0.1167
	ECC	0.1084	0.0763	0.119	0.1281
	EM	0.0657	0.0362	0.0672	0.1014
	EMS	0.0685	0.0208	0.0784	0.109
	FIRE	0.0658	0.0292	0.0574	0.1185
	LE	0.0885	0.0515	0.0876	0.1234
Not applicable	ALL	<b>0.1033</b>	0.1217	0.1027	0.0828
	ECC	0.0629	0.072	0.0743	0.0413
	EM	0.0898	0.0833	0.0909	0.0968
	EMS	0.1103	0.1142	0.1209	0.094
	FIRE	0.1068	0.122	0.1148	0.079
	LE	0.0981	0.1168	0.0967	0.0823

Q07\_07) Select the responses that best characterize your organization's overall Telecommunications Service Priority (TSP) funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	0.2678	0.3278	0.2562	0.209
	ECC	0.1529	0.1965	0.1456	0.1166
	EM	0.2414	0.2883	0.2167	0.2095
	EMS	0.2972	0.3686	0.268	0.2531
	FIRE	0.334	0.3918	0.3392	0.2543
	LE	0.196	0.2695	0.195	0.1275
There is funding, but it is insufficient to meet needs	ALL	0.2812	0.2999	0.2812	0.2582
	ECC	0.2749	0.3231	0.2529	0.2511
	EM	0.313	0.3416	0.3156	0.2714
	EMS	0.2972	0.3248	0.2974	0.2656
	FIRE	0.2892	0.2877	0.2937	0.2852
	LE	0.2817	0.3511	0.261	0.2383
There is funding, and it is sufficient for all needs	ALL	0.2439	0.1929	0.2465	0.3033
	ECC	0.3661	0.3362	0.3487	0.417
	EM	0.2493	0.2135	0.27	0.2714
	EMS	0.1998	0.1314	0.2255	0.2448
	FIRE	0.1684	0.1233	0.1671	0.2268
	LE	0.3062	0.227	0.3176	0.3691
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	0.0847	0.0535	0.0869	0.1202
	ECC	0.1094	0.0742	0.1226	0.13
	EM	0.0889	0.0569	0.0798	0.1429
	EMS	0.0792	0.0328	0.0882	0.1203
	FIRE	0.079	0.0521	0.0734	0.1203
	LE	0.1013	0.0461	0.1069	0.1477
Not applicable	ALL	0.1224	0.126	0.1292	0.1093
	ECC	0.0968	0.0699	0.1303	0.0852
	EM	0.1074	0.0996	0.1179	0.1048
	EMS	0.1267	0.1423	0.1209	0.1162
	FIRE	0.1294	0.1452	0.1266	0.1134
	LE	0.1147	0.1064	0.1195	0.1174

Q07\_08) Select the responses that best characterize your organization's overall Nationwide Public Safety Broadband Network (NPSBN)/FirstNet funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	0.2862	0.3504	0.2806	0.2153
	ECC	0.1907	0.2255	0.1838	0.163
	EM	0.2581	0.311	0.2662	0.1765
	EMS	0.3318	0.4144	0.3006	0.2769
	FIRE	0.3522	0.4427	0.3428	0.257
	LE	0.2251	0.2847	0.2216	0.1722
There is funding, but it is insufficient to meet needs	ALL	0.277	0.2854	0.2827	0.2594
	ECC	0.267	0.3149	0.2794	0.2026
	EM	0.3145	0.2977	0.3273	0.3213
	EMS	0.2857	0.3322	0.2658	0.2577
	FIRE	0.2805	0.2734	0.2908	0.2755
	LE	0.2652	0.3299	0.2575	0.2119
There is funding, and it is sufficient for all needs	ALL	0.2277	0.1853	0.232	0.2737
	ECC	0.3134	0.3021	0.2868	0.3568
	EM	0.2331	0.1873	0.2374	0.2896
	EMS	0.1959	0.1164	0.231	0.2423
	FIRE	0.1876	0.1354	0.1891	0.2477
	LE	0.2652	0.2118	0.2784	0.3013
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	0.0649	0.0362	0.0689	0.0947
	ECC	0.0899	0.0468	0.1029	0.1189
	EM	0.0627	0.0468	0.0576	0.0905
	EMS	0.0599	0.0274	0.0728	0.0808
	FIRE	0.0549	0.0391	0.052	0.0774
	LE	0.0823	0.0451	0.0808	0.1192
Not applicable	ALL	0.1442	0.1427	0.1358	0.1569
	ECC	0.139	0.1106	0.1471	0.1586
	EM	0.1316	0.1572	0.1115	0.1222
	EMS	0.1267	0.1096	0.1297	0.1423
	FIRE	0.1248	0.1094	0.1253	0.1424
	LE	0.1623	0.1285	0.1617	0.1954

Q07\_09) Select the responses that best characterize your organization's overall Integrated Public Alert & Warning System (IPAWS) alerting software funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	0.2561	0.3059	0.248	0.2065
	ECC	0.1603	0.1833	0.1561	0.141
	EM	0.2095	0.2375	0.2102	0.1696
	EMS	0.2963	0.3392	0.2935	0.251
	FIRE	0.3147	0.3844	0.3104	0.2381
	LE	0.2026	0.2552	0.2071	0.1472
There is funding, but it is insufficient to meet needs	ALL	0.2317	0.2652	0.2238	0.2013
	ECC	0.2147	0.2792	0.223	0.1366
	EM	0.2509	0.2719	0.2678	0.2
	EMS	0.2503	0.3287	0.2226	0.1952
	FIRE	0.2453	0.293	0.2227	0.219
	LE	0.2134	0.2692	0.1864	0.1906
There is funding, and it is sufficient for all needs	ALL	0.2702	0.2299	0.2762	0.311
	ECC	0.3723	0.35	0.3494	0.4229
	EM	0.3314	0.3	0.3322	0.3739
	EMS	0.229	0.1573	0.2548	0.2789
	FIRE	0.2074	0.1371	0.2275	0.2635
	LE	0.3131	0.2622	0.3166	0.3579
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	0.0933	0.0684	0.0948	0.1213
	ECC	0.1168	0.0875	0.1227	0.141
	EM	0.1112	0.0938	0.0983	0.1522
	EMS	0.0744	0.035	0.071	0.1235
	FIRE	0.0812	0.0565	0.0687	0.127
	LE	0.0953	0.0734	0.0947	0.1171
Not applicable	ALL	0.1488	0.1305	0.1573	0.16
	ECC	0.1359	0.1	0.1487	0.1586
	EM	0.097	0.0969	0.0915	0.1043
	EMS	0.1499	0.1399	0.1581	0.1514
	FIRE	0.1515	0.129	0.1706	0.1524
	LE	0.1755	0.1399	0.1953	0.1873

Q07\_10) Select the responses that best characterize your organization's overall Next Generation 911 (NG911) funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	<b>0.1933</b>	0.2483	0.1902	0.1338
	ECC	0.1049	0.1423	0.1145	0.0553
	EM	0.138	0.1525	0.1555	0.0959
	EMS	0.2425	0.292	0.2393	0.192
	FIRE	0.2544	0.326	0.2494	0.1765
	LE	0.148	0.2226	0.1527	0.0765
There is funding, but it is insufficient to meet needs	ALL	<b>0.2971</b>	0.3113	0.3067	0.2688
	ECC	0.2926	0.3231	0.3064	0.2451
	EM	0.3488	0.339	0.3852	0.3151
	EMS	0.2992	0.3504	0.2951	0.248
	FIRE	0.2979	0.3039	0.3002	0.2876
	LE	0.2516	0.2945	0.2392	0.2263
There is funding, and it is sufficient for all needs	ALL	<b>0.2567</b>	0.2329	0.2474	0.2955
	ECC	0.3716	0.3692	0.3401	0.4111
	EM	0.276	0.2915	0.2403	0.3014
	EMS	0.2304	0.1861	0.2197	0.292
	FIRE	0.2202	0.1934	0.2107	0.2647
	LE	0.3199	0.274	0.3141	0.367
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	<b>0.1132</b>	0.0762	0.1125	0.1567
	ECC	0.1716	0.1269	0.1717	0.2174
	EM	0.1305	0.1119	0.1237	0.1644
	EMS	0.0905	0.0365	0.0984	0.14
	FIRE	0.0962	0.0525	0.0969	0.1471
	LE	0.1201	0.0616	0.1182	0.1743
Not applicable	ALL	<b>0.1398</b>	0.1313	0.1431	0.1452
	ECC	0.0593	0.0385	0.0673	0.0711
	EM	0.1066	0.1051	0.0954	0.1233
	EMS	0.1375	0.135	0.1475	0.128
	FIRE	0.1314	0.1243	0.1429	0.1242
	LE	0.1605	0.1473	0.1758	0.156



Q08\_1) Select the responses that best characterize your organization's overall equipment management funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	0.1304	0.1649	0.135	0.0836
	ECC	0.0582	0.0596	0.0774	0.0336
	EM	0.1137	0.1368	0.1171	0.0789
	EMS	0.1467	0.1789	0.1404	0.1169
	FIRE	0.1502	0.1927	0.1508	0.0988
	LE	0.1064	0.152	0.1202	0.0501
There is funding, but it is insufficient to meet needs	ALL	0.4793	0.5278	0.4976	0.3983
	ECC	0.3916	0.4491	0.4272	0.2873
	EM	0.5042	0.5613	0.5165	0.4135
	EMS	0.4959	0.5526	0.5123	0.4092
	FIRE	0.5215	0.5659	0.5458	0.4361
	LE	0.409	0.4795	0.4159	0.3377
There is funding, and it is sufficient for all needs	ALL	0.2892	0.2344	0.2715	0.3767
	ECC	0.4144	0.3825	0.3591	0.5149
	EM	0.2884	0.2422	0.2823	0.3571
	EMS	0.2628	0.2132	0.2562	0.3292
	FIRE	0.2423	0.1907	0.2262	0.3253
	LE	0.3641	0.2953	0.3486	0.4433
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	0.0901	0.0582	0.0878	0.1311
	ECC	0.1301	0.1018	0.13	0.1604
	EM	0.0863	0.0484	0.0811	0.1429
	EMS	0.0855	0.0421	0.0837	0.1385
	FIRE	0.0785	0.0385	0.0718	0.1349
	LE	0.1064	0.0526	0.1058	0.1557
Not applicable	ALL	0.011	0.0148	0.0081	0.0103
	ECC	0.0057	0.007	0.0062	0.0037
	EM	0.0074	0.0114	0.003	0.0075
	EMS	0.009	0.0132	0.0074	0.0062
	FIRE	0.0075	0.0122	0.0054	0.0048
	LE	0.0141	0.0205	0.0096	0.0132

Q08\_2) Select the responses that best characterize your organization's overall equipment upgrades funding.  
(SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	0.1871	0.2407	0.1824	0.1286
	ECC	0.0959	0.1241	0.0935	0.0679
	EM	0.1595	0.2051	0.1411	0.1217
	EMS	0.2074	0.252	0.1961	0.1692
	FIRE	0.2217	0.2895	0.2097	0.157
	LE	0.1507	0.2219	0.1501	0.0853
There is funding, but it is insufficient to meet needs	ALL	0.5166	0.5306	0.5472	0.4606
	ECC	0.484	0.5138	0.5265	0.4
	EM	0.5681	0.584	0.6006	0.5057
	EMS	0.5314	0.5538	0.549	0.4831
	FIRE	0.5396	0.5385	0.5681	0.5024
	LE	0.4634	0.4784	0.4794	0.432
There is funding, and it is sufficient for all needs	ALL	0.1964	0.1579	0.1783	0.2656
	ECC	0.2797	0.2621	0.2461	0.3396
	EM	0.1774	0.1453	0.1712	0.2281
	EMS	0.1724	0.1444	0.1642	0.2154
	FIRE	0.1623	0.1316	0.1487	0.2174
	LE	0.2643	0.2161	0.2542	0.32
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	0.0904	0.0561	0.0863	0.1369
	ECC	0.1358	0.0931	0.1277	0.1925
	EM	0.0876	0.0541	0.0841	0.1369
	EMS	0.0817	0.0367	0.0858	0.1292
	FIRE	0.0709	0.0304	0.0699	0.1208
	LE	0.1075	0.0605	0.109	0.1493
Not applicable	ALL	0.0095	0.0147	0.0057	0.0083
	ECC	0.0046	0.0069	0.0062	NR
	EM	0.0074	0.0114	0.003	0.0076
	EMS	0.0072	0.0131	0.0049	0.0031
	FIRE	0.0055	0.0101	0.0036	0.0024
	LE	0.0141	0.0231	0.0073	0.0133

Q08\_3) Select the responses that best characterize your organization's overall equipment disposal funding.  
(SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	<b>0.3644</b>	0.4195	0.3866	0.2709
	ECC	0.2719	0.3071	0.2862	0.2168
	EM	0.3639	0.4054	0.375	0.2969
	EMS	0.3874	0.4409	0.3833	0.3321
	FIRE	0.4118	0.4772	0.4214	0.3198
	LE	0.3181	0.3881	0.3314	0.2387
There is funding, but it is insufficient to meet needs	ALL	<b>0.2213</b>	0.2253	0.2298	0.2057
	ECC	0.1844	0.2158	0.1957	0.1372
	EM	0.2321	0.2399	0.239	0.214
	EMS	0.2316	0.246	0.2478	0.1949
	FIRE	0.224	0.2134	0.2336	0.2238
	LE	0.1951	0.2238	0.2075	0.1548
There is funding, and it is sufficient for all needs	ALL	<b>0.2263</b>	0.188	0.2035	0.3005
	ECC	0.3378	0.3071	0.3261	0.385
	EM	0.2221	0.1824	0.2206	0.2751
	EMS	0.1942	0.1597	0.1758	0.2563
	FIRE	0.1805	0.1535	0.155	0.2471
	LE	0.2853	0.2343	0.2651	0.3548
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	<b>0.0653</b>	0.0353	0.0584	0.1096
	ECC	0.1023	0.0664	0.0942	0.1504
	EM	0.0627	0.0304	0.0515	0.1179
	EMS	0.0651	0.0256	0.0634	0.1119
	FIRE	0.055	0.0264	0.0459	0.1017
	LE	0.0774	0.035	0.0692	0.1258
Not applicable	ALL	<b>0.1228</b>	0.1319	0.1217	0.1133
	ECC	0.1036	0.1037	0.0978	0.1106
	EM	0.1192	0.1419	0.114	0.0961
	EMS	0.1217	0.1278	0.1297	0.1047
	FIRE	0.1288	0.1295	0.1441	0.1076
	LE	0.1241	0.1189	0.1268	0.1258

Q09\_1) Select the responses that best characterize your organization's overall interoperability solutions capital investment funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	<b>0.3193</b>	0.3998	0.3078	0.2402
	ECC	0.2105	0.2664	0.1913	0.1757
	EM	0.3027	0.4026	0.263	0.2222
	EMS	0.356	0.4444	0.3517	0.2624
	FIRE	0.3587	0.4681	0.3445	0.2541
	LE	0.2736	0.3474	0.2945	0.1871
There is funding, but it is insufficient to meet needs	ALL	<b>0.385</b>	0.3783	0.4042	0.3686
	ECC	0.4092	0.4508	0.4296	0.3431
	EM	0.4274	0.4092	0.4706	0.3974
	EMS	0.3666	0.3619	0.3605	0.3794
	FIRE	0.3803	0.3456	0.3904	0.4061
	LE	0.3312	0.3544	0.3294	0.3129
There is funding, and it is sufficient for all needs	ALL	<b>0.1789</b>	0.1299	0.1747	0.2414
	ECC	0.2487	0.209	0.2202	0.3222
	EM	0.1562	0.1089	0.1696	0.2009
	EMS	0.1594	0.1175	0.1773	0.1844
	FIRE	0.1537	0.1176	0.1503	0.1989
	LE	0.2453	0.1789	0.2303	0.319
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	<b>0.0747</b>	0.0358	0.0793	0.1141
	ECC	0.1092	0.0492	0.1336	0.1423
	EM	0.0872	0.0429	0.083	0.1496
	EMS	0.0818	0.0286	0.0814	0.1418
	FIRE	0.0705	0.0245	0.0731	0.1188
	LE	0.0985	0.0456	0.105	0.138
Not applicable	ALL	<b>0.042</b>	0.0562	0.034	0.0357
	ECC	0.0224	0.0246	0.0253	0.0167
	EM	0.0266	0.0363	0.0138	0.0299
	EMS	0.0361	0.0476	0.0291	0.0319
	FIRE	0.0368	0.0441	0.0418	0.0221
	LE	0.0514	0.0737	0.0408	0.0429

Q09\_2) Select the responses that best characterize your organization's overall interoperability solutions  
operating costs funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	0.2598	0.328	0.2528	0.19
	ECC	0.1626	0.1844	0.1655	0.1377
	EM	0.23	0.3065	0.2218	0.1429
	EMS	0.2882	0.3769	0.2759	0.2055
	FIRE	0.2944	0.4058	0.2801	0.1887
	LE	0.2256	0.2882	0.2386	0.1582
There is funding, but it is insufficient to meet needs	ALL	0.3886	0.4026	0.4114	0.3438
	ECC	0.3841	0.4467	0.4	0.3036
	EM	0.4292	0.4387	0.471	0.3673
	EMS	0.385	0.3925	0.3994	0.3596
	FIRE	0.3946	0.3696	0.4253	0.3827
	LE	0.3333	0.3681	0.3608	0.2746
There is funding, and it is sufficient for all needs	ALL	0.2386	0.1806	0.2276	0.3193
	ECC	0.3393	0.2869	0.3103	0.4251
	EM	0.237	0.1677	0.2321	0.3306
	EMS	0.2185	0.1589	0.2213	0.2808
	FIRE	0.2076	0.157	0.1888	0.2884
	LE	0.2995	0.2292	0.2699	0.391
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	0.0784	0.0414	0.0821	0.1166
	ECC	0.1024	0.0697	0.1138	0.1215
	EM	0.0814	0.0548	0.0683	0.1306
	EMS	0.078	0.0249	0.0805	0.1336
	FIRE	0.0726	0.0242	0.0768	0.1213
	LE	0.0985	0.0521	0.1023	0.1343
Not applicable	ALL	0.0346	0.0474	0.0261	0.0303
	ECC	0.0115	0.0123	0.0103	0.0121
	EM	0.0224	0.0323	0.0068	0.0286
	EMS	0.0302	0.0467	0.023	0.0205
	FIRE	0.0308	0.0435	0.029	0.0189
	LE	0.0431	0.0625	0.0284	0.0418

Q09\_3) Select the responses that best characterize your organization's overall interoperability solutions  
maintenance costs funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	<b>0.2736</b>	0.3487	0.2634	0.2002
	ECC	0.1733	0.2008	0.169	0.1504
	EM	0.2512	0.342	0.2432	0.1469
	EMS	0.3099	0.4101	0.2957	0.2172
	FIRE	0.306	0.4216	0.2881	0.2011
	LE	0.2322	0.3031	0.2341	0.1696
There is funding, but it is insufficient to meet needs	ALL	<b>0.3789</b>	0.3885	0.3989	0.3431
	ECC	0.3902	0.4498	0.4049	0.313
	EM	0.4206	0.4332	0.4486	0.3714
	EMS	0.3613	0.3659	0.371	0.3448
	FIRE	0.3849	0.3603	0.4071	0.3832
	LE	0.3333	0.3693	0.3497	0.2857
There is funding, and it is sufficient for all needs	ALL	<b>0.237</b>	0.1759	0.2305	0.315
	ECC	0.3261	0.2691	0.3028	0.4106
	EM	0.2275	0.1401	0.2363	0.3265
	EMS	0.2227	0.1451	0.2319	0.2966
	FIRE	0.2064	0.1446	0.2004	0.2826
	LE	0.2972	0.2195	0.2919	0.369
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	<b>0.0756</b>	0.0389	0.079	0.1136
	ECC	0.0963	0.0643	0.1127	0.1098
	EM	0.0758	0.0456	0.0685	0.1224
	EMS	0.0746	0.0284	0.0754	0.1241
	FIRE	0.0693	0.027	0.0668	0.1196
	LE	0.0939	0.0453	0.0954	0.1339
Not applicable	ALL	<b>0.0349</b>	0.0481	0.0282	0.0281
	ECC	0.0141	0.0161	0.0106	0.0163
	EM	0.0249	0.0391	0.0034	0.0327
	EMS	0.0315	0.0505	0.0261	0.0172
	FIRE	0.0335	0.0466	0.0376	0.0136
	LE	0.0433	0.0627	0.0289	0.0417

Q09\_4) Select the responses that best characterize your organization's overall interoperability solutions research and development funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	<b>0.4897</b>	0.5558	0.4892	0.4109
	ECC	0.4222	0.4805	0.4389	0.3436
	EM	0.502	0.5784	0.4812	0.4245
	EMS	0.5336	0.609	0.5128	0.4751
	FIRE	0.5297	0.612	0.5069	0.4634
	LE	0.4292	0.5036	0.4511	0.3378
There is funding, but it is insufficient to meet needs	ALL	<b>0.243</b>	0.2189	0.2657	0.2432
	ECC	0.2611	0.2857	0.2748	0.2203
	EM	0.2732	0.23	0.3158	0.2783
	EMS	0.2169	0.2007	0.2436	0.2031
	FIRE	0.2347	0.1901	0.2696	0.2409
	LE	0.236	0.2263	0.2618	0.2174
There is funding, and it is sufficient for all needs	ALL	<b>0.1198</b>	0.0964	0.104	0.1678
	ECC	0.1833	0.1472	0.145	0.2643
	EM	0.098	0.0697	0.0865	0.1509
	EMS	0.1114	0.09	0.1026	0.1456
	FIRE	0.103	0.0885	0.0876	0.1402
	LE	0.1562	0.1277	0.1293	0.2107
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	<b>0.0496</b>	0.026	0.0463	0.0819
	ECC	0.0708	0.0346	0.0802	0.0969
	EM	0.0471	0.0279	0.0489	0.0708
	EMS	0.0487	0.0242	0.0449	0.0805
	FIRE	0.0419	0.0182	0.0392	0.0732
	LE	0.073	0.0438	0.0568	0.1171
Not applicable	ALL	<b>0.098</b>	0.1029	0.0947	0.0962
	ECC	0.0625	0.0519	0.0611	0.0749
	EM	0.0797	0.0941	0.0677	0.0755
	EMS	0.0893	0.0761	0.0962	0.0958
	FIRE	0.0908	0.0911	0.0968	0.0823
	LE	0.1056	0.0985	0.1009	0.1171

Q10\_1) Select the responses that best characterize your organization's overall cybersecurity capital investment funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	<b>0.3513</b>	0.4395	0.3395	0.2587
	ECC	0.1914	0.2366	0.1875	0.1488
	EM	0.2708	0.3564	0.2519	0.1748
	EMS	0.4091	0.4983	0.3994	0.3143
	FIRE	0.4506	0.5573	0.4336	0.347
	LE	0.2531	0.3442	0.2553	0.1655
There is funding, but it is insufficient to meet needs	ALL	<b>0.3278</b>	0.2933	0.3539	0.336
	ECC	0.4058	0.4152	0.4414	0.3535
	EM	0.4584	0.4221	0.4885	0.4709
	EMS	0.2778	0.2407	0.2875	0.3102
	FIRE	0.2729	0.2133	0.2891	0.3218
	LE	0.3518	0.3406	0.3404	0.375
There is funding, and it is sufficient for all needs	ALL	<b>0.1986</b>	0.1636	0.1852	0.2587
	ECC	0.2734	0.2589	0.2461	0.3209
	EM	0.1783	0.1453	0.1718	0.233
	EMS	0.1934	0.1593	0.1885	0.2408
	FIRE	0.1598	0.1227	0.1564	0.2082
	LE	0.2597	0.2391	0.2462	0.2939
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	<b>0.0644</b>	0.0316	0.0669	0.1013
	ECC	0.1022	0.058	0.1055	0.1442
	EM	0.0634	0.0381	0.0687	0.0922
	EMS	0.061	0.0203	0.0703	0.098
	FIRE	0.0503	0.0187	0.0498	0.0883
	LE	0.0832	0.029	0.1003	0.1149
Not applicable	ALL	<b>0.058</b>	0.072	0.0545	0.0453
	ECC	0.0273	0.0312	0.0195	0.0326
	EM	0.0291	0.0381	0.0191	0.0291
	EMS	0.0586	0.0814	0.0543	0.0367
	FIRE	0.0664	0.088	0.0711	0.0347
	LE	0.0522	0.0471	0.0578	0.0507



Q10\_2) Select the responses that best characterize your organization's overall cybersecurity operating costs funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	<b>0.3143</b>	0.3961	0.3116	0.2189
	ECC	0.157	0.1861	0.1635	0.1174
	EM	0.235	0.3185	0.2273	0.1286
	EMS	0.3876	0.4846	0.3949	0.2632
	FIRE	0.4268	0.5344	0.4289	0.2969
	LE	0.2208	0.2893	0.2305	0.1462
There is funding, but it is insufficient to meet needs	ALL	<b>0.3368</b>	0.3084	0.3554	0.3473
	ECC	0.3904	0.4156	0.4106	0.338
	EM	0.4543	0.4178	0.4773	0.4762
	EMS	0.2646	0.2321	0.2516	0.3198
	FIRE	0.2741	0.209	0.282	0.3406
	LE	0.3508	0.3571	0.3383	0.3588
There is funding, and it is sufficient for all needs	ALL	<b>0.2304</b>	0.1926	0.2169	0.2936
	ECC	0.3281	0.3117	0.3042	0.3756
	EM	0.2206	0.1849	0.2197	0.2714
	EMS	0.2354	0.1877	0.2357	0.2915
	FIRE	0.1866	0.1508	0.173	0.2469
	LE	0.3027	0.2857	0.2904	0.3322
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	<b>0.0648</b>	0.0346	0.0662	0.0996
	ECC	0.1033	0.0649	0.1065	0.1408
	EM	0.0653	0.0445	0.0606	0.1
	EMS	0.0574	0.0205	0.0637	0.0931
	FIRE	0.0491	0.0185	0.0498	0.0844
	LE	0.0831	0.0321	0.0928	0.1196
Not applicable	ALL	<b>0.0536</b>	0.0682	0.0499	0.0406
	ECC	0.0212	0.0216	0.0152	0.0282
	EM	0.0248	0.0342	0.0152	0.0238
	EMS	0.055	0.0751	0.0541	0.0324
	FIRE	0.0634	0.0873	0.0664	0.0312
	LE	0.0426	0.0357	0.0479	0.0432

Q10\_3) Select the responses that best characterize your organization's overall cybersecurity maintenance costs funding. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
There is no funding for this item	ALL	<b>0.314</b>	0.3922	0.3153	0.2172
	ECC	0.1596	0.1818	0.1667	0.1268
	EM	0.2421	0.3219	0.2395	0.134
	EMS	0.3824	0.4744	0.3923	0.2602
	FIRE	0.4233	0.5265	0.4272	0.2956
	LE	0.2183	0.2852	0.2269	0.1458
There is funding, but it is insufficient to meet needs	ALL	<b>0.3377</b>	0.317	0.35	0.347
	ECC	0.3912	0.4286	0.4167	0.3192
	EM	0.4529	0.4247	0.4829	0.4545
	EMS	0.2706	0.2457	0.2508	0.3252
	FIRE	0.2807	0.2249	0.284	0.3428
	LE	0.3528	0.3646	0.3403	0.3559
There is funding, and it is sufficient for all needs	ALL	<b>0.2311</b>	0.1885	0.2184	0.2993
	ECC	0.3263	0.303	0.2992	0.385
	EM	0.2173	0.1747	0.2015	0.2967
	EMS	0.2341	0.1775	0.2412	0.2927
	FIRE	0.183	0.1376	0.1718	0.2516
	LE	0.3032	0.2816	0.2896	0.339
Funding is sufficient and has been identified to address needs beyond the current budget cycle	ALL	<b>0.0629</b>	0.0338	0.0653	0.0954
	ECC	0.1003	0.0649	0.1023	0.1362
	EM	0.0615	0.0411	0.0608	0.0909
	EMS	0.0565	0.0239	0.0611	0.0894
	FIRE	0.0484	0.0212	0.0477	0.0818
	LE	0.0827	0.0325	0.0955	0.1153
Not applicable	ALL	<b>0.0543</b>	0.0686	0.051	0.0411
	ECC	0.0226	0.0216	0.0152	0.0329
	EM	0.0262	0.0377	0.0152	0.0239
	EMS	0.0565	0.0785	0.0547	0.0325
	FIRE	0.0646	0.0899	0.0692	0.0283
	LE	0.043	0.0361	0.0478	0.0441

**Q11) Select the sources used by your organization to fund emergency communications. (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Discretionary funding (Q11.a)	ALL	<b>0.3428</b>	0.3199	0.3498	0.3608
	ECC	0.3561	0.2852	0.4019	0.3764
	EM	0.4004	0.3452	0.4241	0.4427
	EMS	0.3407	0.3127	0.3504	0.3609
	FIRE	0.3345	0.3048	0.3475	0.3515
	LE	0.3717	0.375	0.3657	0.3753
Appropriated/dedicated funding (e.g., operational and/or capital budgets) (Q11.b)	ALL	<b>0.7272</b>	0.6317	0.7456	0.8154
	ECC	0.8519	0.7942	0.8682	0.8935
	EM	0.7582	0.6994	0.7342	0.8626
	EMS	0.719	0.6173	0.7315	0.8196
	FIRE	0.6905	0.6075	0.6802	0.7981
	LE	0.7752	0.6524	0.8134	0.8418
Grants (Q11.c)	ALL	<b>0.6612</b>	0.6855	0.6594	0.635
	ECC	0.6451	0.6534	0.6399	0.6426
	EM	0.7615	0.7619	0.7816	0.7366
	EMS	0.6685	0.6954	0.6343	0.6789
	FIRE	0.7023	0.714	0.7061	0.6841
	LE	0.6111	0.6524	0.6169	0.5684
Bonds (Q11.d)	ALL	<b>0.0651</b>	0.0421	0.0711	0.0845
	ECC	0.0952	0.0614	0.1061	0.1179
	EM	0.0919	0.0536	0.1234	0.1031
	EMS	0.0707	0.0512	0.0767	0.0856
	FIRE	0.0715	0.0459	0.0721	0.0998
	LE	0.0644	0.0457	0.0622	0.0831
Specialized taxes (Q11.e)	ALL	<b>0.1584</b>	0.1559	0.1632	0.1554
	ECC	0.2456	0.2671	0.2251	0.2471
	EM	0.1521	0.1429	0.1677	0.145
	EMS	0.1598	0.1375	0.1714	0.1713
	FIRE	0.1603	0.1378	0.1682	0.1758
	LE	0.1505	0.1524	0.1617	0.1367
Fees (Q11.f)	ALL	<b>0.1798</b>	0.1846	0.1833	0.17
	ECC	0.3455	0.3755	0.3408	0.3194
	EM	0.209	0.2024	0.231	0.1908
	EMS	0.1671	0.1644	0.1611	0.1774
	FIRE	0.1423	0.1294	0.1442	0.1544
	LE	0.175	0.189	0.1716	0.1662
Shared resources (e.g., operations and maintenance, systems, equipment, real estate) (Q11.g)	ALL	<b>0.2966</b>	0.259	0.3105	0.3233
	ECC	0.3631	0.343	0.3698	0.3764
	EM	0.3425	0.3214	0.3861	0.3168
	EMS	0.2948	0.2237	0.3299	0.3333
	FIRE	0.263	0.2171	0.2828	0.2898

	<b>LE</b>	0.3264	0.3049	0.3333	0.3378
Private individuals or organizations (Q11.h)	<b>ALL</b>	<b>0.0685</b>	0.0806	0.0669	0.0563
	<b>ECC</b>	0.0411	0.0361	0.0482	0.038
	<b>EM</b>	0.0613	0.0565	0.0665	0.0611
	<b>EMS</b>	0.09	0.1105	0.0818	0.0765
	<b>FIRE</b>	0.0749	0.0919	0.0813	0.0475
	<b>LE</b>	0.0499	0.0732	0.0373	0.0429
Personally supplied communications equipment (e.g., bring-your-own-device) (Q11.i)	<b>ALL</b>	<b>0.0917</b>	0.1075	0.0912	0.074
	<b>ECC</b>	0.0599	0.065	0.0579	0.057
	<b>EM</b>	0.1193	0.125	0.1076	0.126
	<b>EMS</b>	0.0964	0.1051	0.0946	0.0887
	<b>FIRE</b>	0.0992	0.1106	0.098	0.0879
	<b>LE</b>	0.0553	0.0732	0.0622	0.0322

Q12\_1) Does your organization share either costs or resources with other public safety disciplines in the same jurisdiction? (SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
Costs	ALL	0.4901	0.4361	0.5004	0.541
	ECC	0.5029	0.4425	0.5195	0.5485
	EM	0.5351	0.4636	0.5639	0.5906
	EMS	0.4777	0.3864	0.4877	0.5706
	FIRE	0.4811	0.3955	0.4749	0.5866
	LE	0.5078	0.4646	0.5131	0.5415
Resources	ALL	0.6692	0.6429	0.6824	0.6839
	ECC	0.7115	0.669	0.7273	0.7388
	EM	0.7468	0.7114	0.7695	0.7645
	EMS	0.6774	0.6084	0.6847	0.7477
	FIRE	0.6442	0.5801	0.6505	0.709
	LE	0.6753	0.6742	0.6897	0.6606

Q12\_2) Does your organization share either costs or resources with other government organizations in the same jurisdiction that support public safety? (SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
Costs	ALL	0.4027	0.3622	0.3992	0.4549
	ECC	0.4357	0.3693	0.4643	0.4739
	EM	0.4479	0.4023	0.4424	0.5109
	EMS	0.3966	0.329	0.3842	0.4895
	FIRE	0.3821	0.3266	0.3728	0.4573
	LE	0.4292	0.4164	0.3938	0.4793
Resources	ALL	0.5943	0.5785	0.5902	0.618
	ECC	0.6362	0.5993	0.6461	0.6642
	EM	0.6723	0.6327	0.7072	0.6812
	EMS	0.5829	0.5274	0.5739	0.6577
	FIRE	0.562	0.5274	0.543	0.6259
	LE	0.5984	0.6006	0.5609	0.6373

Q12\_3) Does your organization share either costs or resources with local governments? (SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
Costs	ALL	0.2994	0.2687	0.2996	0.3354
	ECC	0.3337	0.2822	0.3506	0.3694
	EM	0.35	0.3003	0.3956	0.3587
	EMS	0.2718	0.2089	0.2759	0.3393
	FIRE	0.2783	0.2333	0.2706	0.3395
	LE	0.3048	0.2691	0.2888	0.3549
Resources	ALL	0.5022	0.4867	0.4882	0.538
	ECC	0.5307	0.4983	0.5325	0.5634
	EM	0.583	0.5481	0.6075	0.5978
	EMS	0.4813	0.4465	0.4557	0.5526
	FIRE	0.4811	0.4523	0.4534	0.5497
	LE	0.5199	0.5241	0.4916	0.5466

Q12\_4) Does your organization share either costs or resources with state/territorial governments? (SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
Costs	ALL	0.1575	0.1416	0.1706	0.1601
	ECC	0.2445	0.2334	0.276	0.2201
	EM	0.2074	0.1778	0.2305	0.2174
	EMS	0.1364	0.1018	0.1576	0.1502
	FIRE	0.1334	0.1055	0.1541	0.1386
	LE	0.1598	0.1586	0.1623	0.158
Resources	ALL	0.3598	0.3648	0.3559	0.3587
	ECC	0.4311	0.4007	0.4773	0.4104
	EM	0.4553	0.4781	0.4486	0.4348
	EMS	0.3235	0.3185	0.3054	0.3514
	FIRE	0.3201	0.3225	0.2975	0.3464
	LE	0.386	0.4249	0.3842	0.3523



Q12\_5) Does your organization share either costs or resources with federal departments/agencies? (SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
Costs	ALL	0.042	0.0412	0.0384	0.0476
	ECC	0.0487	0.0523	0.0325	0.0634
	EM	0.0606	0.0641	0.0498	0.0688
	EMS	0.0383	0.0313	0.0419	0.042
	FIRE	0.0371	0.0345	0.043	0.0323
	LE	0.0466	0.0482	0.031	0.0622
Resources	ALL	0.1667	0.17	0.1567	0.1753
	ECC	0.1993	0.1847	0.2208	0.1903
	EM	0.2032	0.1983	0.2056	0.2065
	EMS	0.1471	0.141	0.1355	0.1682
	FIRE	0.1496	0.1602	0.129	0.164
	LE	0.2133	0.2408	0.1909	0.2124

Q12\_6) Does your organization share either costs or resources with tribal governments/organizations? (SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
Costs	ALL	0.0178	0.0189	0.0196	0.0142
	ECC	0.0209	0.0209	0.026	0.0149
	EM	0.0287	0.0233	0.0343	0.029
	EMS	0.0169	0.0131	0.0246	0.012
	FIRE	0.0195	0.0203	0.0251	0.0115
	LE	0.0155	0.0142	0.0143	0.0181
Resources	ALL	0.0862	0.1099	0.0784	0.0679
	ECC	0.0869	0.101	0.1006	0.056
	EM	0.1191	0.1458	0.1153	0.0906
	EMS	0.074	0.0888	0.0739	0.0571
	FIRE	0.0795	0.1075	0.0645	0.067
	LE	0.1019	0.1416	0.0931	0.0751

Q12\_7) Does your organization share either costs or resources with NGOs/private sector? (SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
Costs	ALL	0.0338	0.0283	0.0384	0.0344
	ECC	0.0348	0.0314	0.039	0.0336
	EM	0.0457	0.0321	0.0561	0.0507
	EMS	0.0383	0.0339	0.0419	0.039
	FIRE	0.0317	0.0243	0.0376	0.0323
	LE	0.0285	0.0255	0.0334	0.0259
Resources	ALL	0.1407	0.1502	0.1396	0.1307
	ECC	0.1495	0.1324	0.1688	0.1455
	EM	0.2074	0.2187	0.215	0.1848
	EMS	0.1176	0.1097	0.1404	0.0991
	FIRE	0.1085	0.1176	0.1057	0.1016
	LE	0.1304	0.1501	0.1098	0.1347

Q12\_8) Does your organization share either costs or resources with international/cross-border entities? (SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
Costs	ALL	0.0056	0.0043	0.0057	0.0071
	ECC	0.0046	0.0035	NR	0.0112
	EM	0.0074	0.0058	0.0062	0.0109
	EMS	0.0053	0.0052	0.0099	NR
	FIRE	0.0067	0.0061	0.0108	0.0023
	LE	0.0035	0.0028	NR	0.0078
Resources	ALL	0.0524	0.0687	0.0433	0.0446
	ECC	0.044	0.0418	0.0487	0.041
	EM	0.0564	0.0612	0.0498	0.058
	EMS	0.0481	0.0627	0.0419	0.039
	FIRE	0.0512	0.073	0.0394	0.0416
	LE	0.0613	0.0907	0.0453	0.0518

Q12\_9) Does your organization share either costs or resources with no other agencies/organizations? (SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
Costs	ALL	0.1685	0.1931	0.1559	0.155
	ECC	0.1553	0.1847	0.1494	0.1306
	EM	0.1351	0.1749	0.1059	0.1196
	EMS	0.1836	0.2428	0.1773	0.1231
	FIRE	0.1887	0.2414	0.1918	0.1247
	LE	0.1511	0.17	0.1265	0.1606
Resources	ALL	0.1525	0.1845	0.1363	0.1348
	ECC	0.1217	0.1603	0.1006	0.1045
	EM	0.1181	0.1603	0.081	0.1087
	EMS	0.172	0.2428	0.1552	0.1111
	FIRE	0.1772	0.2333	0.1685	0.1247
	LE	0.1235	0.1416	0.1098	0.1218

**Q13L) Select the response that best characterizes your organization’s strategic planning process for emergency communications.** (SOR). Note: Responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria)

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
No planning process or plan is in place	<b>ALL</b>	<b>0.2515</b>	0.2997	0.2571	0.1867
	<b>ECC</b>	0.1467	0.1873	0.1391	0.1115
	<b>EM</b>	0.187	0.2389	0.1511	0.163
	<b>EMS</b>	0.2884	0.3455	0.2926	0.2175
	<b>FIRE</b>	0.3157	0.3636	0.3212	0.2512
	<b>LE</b>	0.2022	0.2552	0.2152	0.1402
A planning process is in in place and a plan for addressing emergency communications is under development	<b>ALL</b>	<b>0.2893</b>	0.3084	0.2965	0.2576
	<b>ECC</b>	0.3254	0.3392	0.3411	0.2923
	<b>EM</b>	0.3272	0.354	0.3505	0.2667
	<b>EMS</b>	0.2984	0.3194	0.3104	0.2598
	<b>FIRE</b>	0.273	0.2925	0.2847	0.2346
	<b>LE</b>	0.2792	0.3086	0.281	0.2507
A plan for addressing emergency communications is in place and operationalized by participating organizations	<b>ALL</b>	<b>0.3027</b>	0.2719	0.2881	0.3577
	<b>ECC</b>	0.3207	0.3074	0.2881	0.3731
	<b>EM</b>	0.287	0.2655	0.2797	0.3222
	<b>EMS</b>	0.2794	0.233	0.2824	0.3293
	<b>FIRE</b>	0.2785	0.249	0.2664	0.3294
	<b>LE</b>	0.3273	0.273	0.3215	0.3827
A plan for addressing emergency communications is in place and is reviewed annually, after system upgrades and incidents/events that test organizational capabilities	<b>ALL</b>	<b>0.1565</b>	0.1199	0.1583	0.1981
	<b>ECC</b>	0.2071	0.1661	0.2318	0.2231
	<b>EM</b>	0.1989	0.1416	0.2186	0.2481
	<b>EMS</b>	0.1338	0.1021	0.1145	0.1934
	<b>FIRE</b>	0.1328	0.0949	0.1277	0.1848
	<b>LE</b>	0.1913	0.1632	0.1823	0.2264

**Q13a) Identify organizations included in your strategic planning processes for emergency communications.**

(SATA) Note: quantities are proportions of local respondents that did not select "No planning process or plan is in place" on Q13L.

Answer Option	Discipline	All	Rural	Urban	Metro
Other public safety organizations in the same jurisdiction (Q13a.a)	ALL	<b>0.8761</b>	0.8661	0.887	0.874
	ECC	0.9119	0.8904	0.9492	0.8918
	EM	0.9068	0.8819	0.9195	0.92
	EMS	0.8819	0.8831	0.886	0.8764
	FIRE	0.8607	0.8476	0.8571	0.8777
	LE	0.873	0.8659	0.8951	0.8571
Other government organizations in the same jurisdiction that support public safety (Q13a.b)	ALL	<b>0.7623</b>	0.7434	0.7683	0.7751
	ECC	0.8056	0.7939	0.8281	0.7922
	EM	0.8027	0.7795	0.7893	0.8444
	EMS	0.7574	0.7419	0.7574	0.7722
	FIRE	0.7445	0.7079	0.7582	0.7649
	LE	0.7633	0.748	0.7607	0.7778
Local governments (Q13a.c)	ALL	<b>0.6331</b>	0.6033	0.6267	0.671
	ECC	0.6238	0.6053	0.6484	0.6147
	EM	0.673	0.6339	0.6973	0.6889
	EMS	0.6303	0.5685	0.6397	0.6795
	FIRE	0.6172	0.5714	0.5879	0.6959
	LE	0.6524	0.6057	0.6492	0.6921
State/territorial governments (Q13a.d)	ALL	<b>0.4117</b>	0.408	0.411	0.4165
	ECC	0.4699	0.4342	0.5195	0.4502
	EM	0.5068	0.5118	0.5096	0.4978
	EMS	0.3684	0.375	0.3787	0.3514
	FIRE	0.3557	0.3397	0.3571	0.3699
	LE	0.4226	0.4106	0.4393	0.4159
Federal departments/agencies (Q13a.e)	ALL	<b>0.1451</b>	0.1327	0.137	0.1671
	ECC	0.1692	0.1491	0.1523	0.2078
	EM	0.1811	0.1772	0.1571	0.2133
	EMS	0.1348	0.125	0.1324	0.1467
	FIRE	0.1283	0.1238	0.1181	0.1442
	LE	0.1859	0.1504	0.1869	0.2127
Tribal governments/organizations (Q13a.f)	ALL	<b>0.0424</b>	0.0551	0.0457	0.0257
	ECC	0.049	0.0614	0.0547	0.0303
	EM	0.0757	0.0866	0.0843	0.0533
	EMS	0.0347	0.0524	0.0404	0.0116
	FIRE	0.0351	0.0603	0.0275	0.0188
	LE	0.0543	0.065	0.0623	0.0381
NGO/private sector (Q13a.g)	ALL	<b>0.1333</b>	0.1214	0.129	0.1504
	ECC	0.1622	0.1447	0.1797	0.1602
	EM	0.2095	0.185	0.2222	0.2222
	EMS	0.1271	0.1169	0.1324	0.1313
	FIRE	0.1082	0.0952	0.0989	0.1317

	LE	0.1224	0.122	0.1115	0.1333
International/cross-border entities (Q13a.h)	ALL	<b>0.013</b>	0.0138	0.0091	0.0167
	ECC	0.0084	NR	0.0117	0.013
	EM	0.0216	0.0236	0.0192	0.0222
	EMS	0.009	0.0161	0.0074	0.0039
	FIRE	0.009	0.0095	0.011	0.0063
	LE	0.015	0.0081	0.0098	0.0254
None of the above (Q13a.i)	ALL	<b>0.0253</b>	0.0275	0.016	0.0334
	ECC	0.028	0.0263	0.0234	0.0346
	EM	0.0162	0.0236	0.0153	0.0089
	EMS	0.0308	0.0323	0.011	0.0502
	FIRE	0.0251	0.0286	0.0137	0.0345
	LE	0.0277	0.0366	0.0164	0.0317



Q14\_1.1) Does your organization's strategic planning process meet its needs to achieve communications operability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7926	0.7465	0.7912	0.8489
	ECC	0.8813	0.8691	0.8678	0.9091
	EM	0.8144	0.756	0.8243	0.8764
	EMS	0.7697	0.7335	0.754	0.8279
	FIRE	0.7431	0.7181	0.7228	0.7972
	LE	0.8569	0.8174	0.8259	0.9253
No	ALL	0.2074	0.2535	0.2088	0.1511
	ECC	0.1187	0.1309	0.1322	0.0909
	EM	0.1856	0.244	0.1757	0.1236
	EMS	0.2303	0.2665	0.246	0.1721
	FIRE	0.2569	0.2819	0.2772	0.2028
	LE	0.1431	0.1826	0.1741	0.0747

Q14\_1.2) Does your organization's strategic planning process meet its needs to achieve communications operability in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.6653	0.6111	0.6524	0.7451
	ECC	0.7702	0.7336	0.7661	0.813
	EM	0.6923	0.6299	0.7032	0.7585
	EMS	0.6204	0.5729	0.592	0.7054
	FIRE	0.5964	0.5528	0.5703	0.6793
	LE	0.7593	0.703	0.7207	0.8503
No	ALL	0.3347	0.3889	0.3476	0.2549
	ECC	0.2298	0.2664	0.2339	0.187
	EM	0.3077	0.3701	0.2968	0.2415
	EMS	0.3796	0.4271	0.408	0.2946
	FIRE	0.4036	0.4472	0.4297	0.3207
	LE	0.2407	0.297	0.2793	0.1497

Q14\_2.1) Does your organization's strategic planning process meet its needs to achieve communications interoperability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7215	0.6678	0.7153	0.7925
	ECC	0.8259	0.7964	0.8169	0.8669
	EM	0.7484	0.7083	0.7331	0.8165
	EMS	0.6884	0.6366	0.6755	0.7612
	FIRE	0.6685	0.622	0.6435	0.7536
	LE	0.807	0.7695	0.7631	0.8877
No	ALL	0.2785	0.3322	0.2847	0.2075
	ECC	0.1741	0.2036	0.1831	0.1331
	EM	0.2516	0.2917	0.2669	0.1835
	EMS	0.3116	0.3634	0.3245	0.2388
	FIRE	0.3315	0.378	0.3565	0.2464
	LE	0.193	0.2305	0.2369	0.1123

Q14\_2.2) Does your organization's strategic planning process meet its needs to achieve communications interoperability in out-of-the-ordinary situations ? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.59	0.5402	0.5749	0.6674
	ECC	0.6759	0.635	0.6712	0.7241
	EM	0.6088	0.5569	0.6194	0.6617
	EMS	0.5517	0.5	0.5294	0.6347
	FIRE	0.5305	0.4888	0.501	0.6158
	LE	0.7099	0.6667	0.6783	0.7823
No	ALL	0.41	0.4598	0.4251	0.3326
	ECC	0.3241	0.365	0.3288	0.2759
	EM	0.3912	0.4431	0.3806	0.3383
	EMS	0.4483	0.5	0.4706	0.3653
	FIRE	0.4695	0.5112	0.499	0.3842
	LE	0.2901	0.3333	0.3217	0.2177

Q14\_3.1) Does your organization's strategic planning process meet its needs to achieve communications continuity in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7056	0.6547	0.7008	0.7718
	ECC	0.8161	0.8066	0.8136	0.8289
	EM	0.7158	0.6667	0.7147	0.779
	EMS	0.6676	0.6111	0.6622	0.7373
	FIRE	0.6409	0.5963	0.6224	0.7156
	LE	0.7996	0.7718	0.7531	0.8743
No	ALL	0.2944	0.3453	0.2992	0.2282
	ECC	0.1839	0.1934	0.1864	0.1711
	EM	0.2842	0.3333	0.2853	0.221
	EMS	0.3324	0.3889	0.3378	0.2627
	FIRE	0.3591	0.4037	0.3776	0.2844
	LE	0.2004	0.2282	0.2469	0.1257

Q14\_3.2) Does your organization's strategic planning process meet its needs to achieve communications continuity in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.5668	0.5256	0.5544	0.6305
	ECC	0.6594	0.6287	0.6644	0.6858
	EM	0.56	0.515	0.571	0.6038
	EMS	0.5106	0.4536	0.5027	0.5838
	FIRE	0.4958	0.4573	0.4816	0.5585
	LE	0.6827	0.6535	0.6441	0.75
No	ALL	0.4332	0.4744	0.4456	0.3695
	ECC	0.3406	0.3713	0.3356	0.3142
	EM	0.44	0.485	0.429	0.3962
	EMS	0.4894	0.5464	0.4973	0.4162
	FIRE	0.5042	0.5427	0.5184	0.4415
	LE	0.3173	0.3465	0.3559	0.25

**Q15) Select the responses that apply to your organization’s Standard Operating Procedures (SOPs)/Standard Operating Guidelines (SOGs). (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
No communications SOPs/SOGs currently exist (Q15.a)	<b>ALL</b>	<b>0.1784</b>	0.2278	0.1895	0.1077
	<b>ECC</b>	0.1037	0.127	0.1277	0.0549
	<b>EM</b>	0.1665	0.2054	0.1782	0.1046
	<b>EMS</b>	0.1724	0.218	0.1799	0.1133
	<b>FIRE</b>	0.1889	0.2327	0.2198	0.101
	<b>LE</b>	0.1604	0.2155	0.1753	0.0977
Communications personnel SOPs/SOGs exist (e.g., mobilization, deployment, demobilization) (Q15.b)	<b>ALL</b>	<b>0.5288</b>	0.4911	0.5276	0.5739
	<b>ECC</b>	0.5736	0.5119	0.5876	0.6196
	<b>EM</b>	0.5623	0.5455	0.5455	0.6025
	<b>EMS</b>	0.5202	0.4651	0.5221	0.5793
	<b>FIRE</b>	0.5343	0.5011	0.5151	0.5959
	<b>LE</b>	0.5129	0.4512	0.5014	0.5776
Communications resources SOPs/SOGs exist (e.g., activation, deployment, deactivation) (Q15.c)	<b>ALL</b>	<b>0.4331</b>	0.3708	0.4419	0.4948
	<b>ECC</b>	0.4955	0.4167	0.5328	0.5333
	<b>EM</b>	0.4932	0.4242	0.4982	0.5732
	<b>EMS</b>	0.4355	0.3634	0.4484	0.5016
	<b>FIRE</b>	0.4048	0.3311	0.4095	0.4845
	<b>LE</b>	0.4356	0.3535	0.4438	0.4971
SOPs/SOGs are updated on a regular basis (Q15.d)	<b>ALL</b>	<b>0.4634</b>	0.3925	0.4419	0.5716
	<b>ECC</b>	0.589	0.5476	0.5803	0.6392
	<b>EM</b>	0.4612	0.3973	0.4473	0.5565
	<b>EMS</b>	0.4677	0.4128	0.4159	0.5858
	<b>FIRE</b>	0.4526	0.3714	0.4267	0.5777
	<b>LE</b>	0.4931	0.4175	0.4767	0.5747

**Q15a\_1) Select the responses that best characterize your organization’s SOPs/SOGs within your organization.**

(SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria). Note: quantities are proportions of local respondents that did not select "No communications SOPs/SOGs currently exist" on Q15.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Informal practices and procedures are in place	ALL	<b>0.1599</b>	0.2268	0.1562	0.0958
	ECC	0.0832	0.0986	0.1048	0.0476
	EM	0.1908	0.2596	0.1857	0.1171
	EMS	0.1456	0.2109	0.1303	0.0965
	FIRE	0.1707	0.2273	0.1834	0.1006
	LE	0.1018	0.1616	0.1107	0.0471
Formal policies practices/procedures enable “day-to-day” situations’ interoperability	ALL	<b>0.502</b>	0.5	0.5225	0.4818
	ECC	0.4844	0.5446	0.476	0.4372
	EM	0.4615	0.4766	0.4619	0.4439
	EMS	0.5425	0.5312	0.5747	0.5212
	FIRE	0.5522	0.5636	0.5621	0.5305
	LE	0.5252	0.5721	0.526	0.4882
Formal policies/practices/procedures enable “out-of-the-ordinary” situations’ interoperability	ALL	<b>0.244</b>	0.1883	0.245	0.2996
	ECC	0.3269	0.2864	0.31	0.381
	EM	0.2508	0.1787	0.2571	0.3268
	EMS	0.2075	0.1602	0.2107	0.251
	FIRE	0.1817	0.1212	0.1775	0.247
	LE	0.2834	0.2052	0.2837	0.3434
Processes for SOP/SOG development and review exist for consistency across responders	ALL	<b>0.0893</b>	0.0769	0.075	0.1174
	ECC	0.1055	0.0704	0.1092	0.1342
	EM	0.0877	0.0638	0.0952	0.1073
	EMS	0.0992	0.0898	0.0805	0.1274
	FIRE	0.0904	0.0818	0.074	0.1159
	LE	0.0847	0.0568	0.0796	0.1111
Not applicable	ALL	<b>0.0048</b>	0.008	0.0013	0.0054
	ECC	NR	NR	NR	NR
	EM	0.0092	0.0213	NR	0.0049
	EMS	0.0052	0.0078	0.0038	0.0039
	FIRE	0.005	0.0061	0.003	0.0061
	LE	0.0049	0.0044	NR	0.0101



**Q15a\_2) Select the responses that best characterize your organization's SOPs/SOGs with other public safety disciplines in the same jurisdiction.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria). Note: quantities are proportions of local respondents that did not select "No communications SOPs/SOGs currently exist" on Q15.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Informal practices and procedures are in place	ALL	<b>0.2341</b>	0.2869	0.2374	0.1768
	ECC	0.1864	0.2174	0.2035	0.141
	EM	0.2323	0.2895	0.2452	0.1542
	EMS	0.2431	0.3254	0.2326	0.1725
	FIRE	0.2477	0.3025	0.2836	0.1553
	LE	0.2025	0.2489	0.214	0.1557
Formal policies practices/procedures enable "day-to-day" situations' interoperability	ALL	<b>0.4714</b>	0.4777	0.4912	0.4434
	ECC	0.4788	0.5121	0.4912	0.4361
	EM	0.4694	0.4605	0.4808	0.4677
	EMS	0.498	0.4762	0.5271	0.4902
	FIRE	0.5066	0.5216	0.4896	0.5093
	LE	0.4792	0.5158	0.4807	0.4498
Formal policies/practices/procedures enable "out-of-the-ordinary" situations' interoperability	ALL	<b>0.2027</b>	0.1516	0.197	0.261
	ECC	0.2439	0.1981	0.2301	0.2996
	EM	0.2261	0.1886	0.2067	0.2886
	EMS	0.166	0.1151	0.1667	0.2157
	FIRE	0.1529	0.0802	0.1552	0.2236
	LE	0.2214	0.1584	0.214	0.2768
Processes for SOP/SOG development and review exist for consistency across responders	ALL	<b>0.0643</b>	0.0514	0.0518	0.0912
	ECC	0.0758	0.058	0.0619	0.1057
	EM	0.0597	0.0351	0.0577	0.0896
	EMS	0.0641	0.0556	0.0426	0.0941
	FIRE	0.0561	0.0556	0.0388	0.0745
	LE	0.0679	0.0407	0.0667	0.09
Not applicable	ALL	<b>0.0275</b>	0.0325	0.0227	0.0276
	ECC	0.0152	0.0145	0.0133	0.0176
	EM	0.0126	0.0263	0.0096	NR
	EMS	0.0288	0.0278	0.031	0.0275
	FIRE	0.0367	0.0401	0.0328	0.0373
	LE	0.0289	0.0362	0.0246	0.0277

**Q15a\_3) Select the responses that best characterize your organization's SOPs/SOGs with other government organizations in the same jurisdiction that support public safety.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria). Note: quantities are proportions of local respondents that did not select "No communications SOPs/SOGs currently exist" on Q15.

Answer Option	Discipline	All	Rural	Urban	Metro
Informal practices and procedures are in place	ALL	<b>0.2888</b>	0.3315	0.2989	0.2347
	ECC	0.2744	0.2816	0.3142	0.2277
	EM	0.2713	0.3436	0.267	0.194
	EMS	0.2982	0.364	0.2969	0.2341
	FIRE	0.2938	0.3594	0.3021	0.2194
	LE	0.2684	0.3119	0.2705	0.2334
Formal policies practices/procedures enable "day-to-day" situations' interoperability	ALL	<b>0.4196</b>	0.4233	0.433	0.4014
	ECC	0.4314	0.4806	0.4027	0.4152
	EM	0.4353	0.4141	0.4515	0.4428
	EMS	0.4406	0.424	0.4492	0.4484
	FIRE	0.467	0.4594	0.4743	0.4671
	LE	0.4249	0.4817	0.4377	0.3693
Formal policies/practices/procedures enable "out-of-the-ordinary" situations' interoperability	ALL	<b>0.185</b>	0.137	0.1801	0.2389
	ECC	0.2043	0.1553	0.1947	0.2589
	EM	0.2145	0.1806	0.2087	0.2587
	EMS	0.1438	0.092	0.1484	0.1905
	FIRE	0.1258	0.0562	0.1269	0.1944
	LE	0.2137	0.1376	0.1993	0.2857
Processes for SOP/SOG development and review exist for consistency across responders	ALL	<b>0.056</b>	0.0534	0.0473	0.0681
	ECC	0.0534	0.0485	0.0487	0.0625
	EM	0.0552	0.0396	0.0485	0.0796
	EMS	0.0607	0.056	0.0469	0.0794
	FIRE	0.0536	0.0594	0.0393	0.0627
	LE	0.0534	0.0413	0.0641	0.0523
Not applicable	ALL	<b>0.0506</b>	0.0548	0.0409	0.0569
	ECC	0.0366	0.034	0.0398	0.0357
	EM	0.0237	0.022	0.0243	0.0249
	EMS	0.0567	0.064	0.0586	0.0476
	FIRE	0.0598	0.0656	0.0574	0.0564
	LE	0.0394	0.0275	0.0285	0.0592

**Q15a\_4) Select the responses that best characterize your organization's SOPs/SOGs with local governments.**

(SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria). Note: quantities are proportions of local respondents that did not select "No communications SOPs/SOGs currently exist" on Q15.

Answer Option	Discipline	All	Rural	Urban	Metro
Informal practices and procedures are in place	ALL	0.3409	0.4014	0.3484	0.2721
	ECC	0.322	0.3663	0.3333	0.2703
	EM	0.3413	0.4071	0.3317	0.2764
	EMS	0.3495	0.4232	0.3636	0.2632
	FIRE	0.3483	0.4405	0.3506	0.2555
	LE	0.3119	0.3785	0.3201	0.2535
Formal policies practices/procedures enable "day-to-day" situations' interoperability	ALL	0.3736	0.358	0.3938	0.3675
	ECC	0.3898	0.4208	0.4	0.3514
	EM	0.3714	0.3496	0.3951	0.3719
	EMS	0.3725	0.3402	0.3794	0.3968
	FIRE	0.3933	0.3633	0.4116	0.4038
	LE	0.4021	0.4159	0.4137	0.3803
Formal policies/practices/procedures enable "out-of-the-ordinary" situations' interoperability	ALL	0.155	0.1245	0.1347	0.2076
	ECC	0.1772	0.1337	0.16	0.2342
	EM	0.1889	0.1726	0.1707	0.2261
	EMS	0.1336	0.112	0.1186	0.17
	FIRE	0.1119	0.0579	0.1037	0.1735
	LE	0.174	0.1308	0.1367	0.243
Processes for SOP/SOG development and review exist for consistency across responders	ALL	0.05	0.049	0.0402	0.0617
	ECC	0.0462	0.0495	0.0444	0.045
	EM	0.054	0.0354	0.0488	0.0804
	EMS	0.054	0.0581	0.0395	0.0648
	FIRE	0.0492	0.0514	0.0305	0.0662
	LE	0.0425	0.0327	0.0504	0.0423
Not applicable	ALL	0.0805	0.0671	0.0829	0.0912
	ECC	0.0647	0.0297	0.0622	0.0991
	EM	0.0444	0.0354	0.0537	0.0452
	EMS	0.0904	0.0664	0.0988	0.1053
	FIRE	0.0973	0.0868	0.1037	0.1009
	LE	0.0696	0.0421	0.0791	0.081

**Q15a\_5) Select the responses that best characterize your organization's SOPs/SOGs with state/territorial governments.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria). Note: quantities are proportions of local respondents that did not select "No communications SOPs/SOGs currently exist" on Q15.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Informal practices and procedures are in place	ALL	<b>0.3146</b>	0.3475	0.3231	0.2723
	ECC	0.3117	0.3125	0.3559	0.2661
	EM	0.2927	0.3241	0.2976	0.2526
	EMS	0.3427	0.359	0.3485	0.3207
	FIRE	0.3428	0.3771	0.3429	0.3092
	LE	0.2944	0.3416	0.3187	0.2342
Formal policies practices/procedures enable "day-to-day" situations' interoperability	ALL	<b>0.3127</b>	0.3138	0.3271	0.2958
	ECC	0.3481	0.375	0.3378	0.3349
	EM	0.3545	0.375	0.3659	0.3196
	EMS	0.2978	0.3077	0.332	0.2532
	FIRE	0.3024	0.3098	0.3238	0.273
	LE	0.3508	0.3861	0.3333	0.342
Formal policies/practices/procedures enable "out-of-the-ordinary" situations' interoperability	ALL	<b>0.1729</b>	0.1525	0.1582	0.2094
	ECC	0.1867	0.1615	0.1892	0.2064
	EM	0.213	0.2037	0.1854	0.2526
	EMS	0.1334	0.1068	0.112	0.1814
	FIRE	0.1277	0.0943	0.1111	0.1776
	LE	0.1788	0.1485	0.1538	0.2268
Processes for SOP/SOG development and review exist for consistency across responders	ALL	<b>0.0453</b>	0.0557	0.0372	0.0439
	ECC	0.0332	0.0417	0.0225	0.0367
	EM	0.0569	0.0556	0.0537	0.0619
	EMS	0.0534	0.0726	0.0373	0.0506
	FIRE	0.048	0.0707	0.0254	0.0493
	LE	0.0363	0.0446	0.0403	0.026
Not applicable	ALL	<b>0.1545</b>	0.1305	0.1543	0.1786
	ECC	0.1203	0.1094	0.0946	0.156
	EM	0.0829	0.0417	0.0976	0.1134
	EMS	0.1728	0.1538	0.1701	0.1941
	FIRE	0.179	0.1481	0.1968	0.1908
	LE	0.1398	0.0792	0.1538	0.171

**Q15a\_6) Select the responses that best characterize your organization's SOPs/SOGs with federal departments/agencies.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria). Note: quantities are proportions of local respondents that did not select "No communications SOPs/SOGs currently exist" on Q15.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Informal practices and procedures are in place	ALL	<b>0.3573</b>	0.3493	0.3953	0.3239
	ECC	0.3903	0.3626	0.485	0.3221
	EM	0.3684	0.3636	0.3889	0.3526
	EMS	0.3531	0.3256	0.3733	0.3594
	FIRE	0.3566	0.3407	0.3741	0.3536
	LE	0.3496	0.3369	0.4141	0.2937
Formal policies practices/procedures enable "day-to-day" situations' interoperability	ALL	<b>0.1738</b>	0.1707	0.1657	0.1855
	ECC	0.2107	0.2164	0.15	0.2644
	EM	0.2051	0.197	0.2	0.2197
	EMS	0.1644	0.1767	0.1911	0.1244
	FIRE	0.1659	0.1741	0.1837	0.1393
	LE	0.2086	0.2032	0.1914	0.2302
Formal policies/practices/procedures enable "out-of-the-ordinary" situations' interoperability	ALL	<b>0.1107</b>	0.1037	0.0945	0.1352
	ECC	0.1036	0.1111	0.085	0.1154
	EM	0.1416	0.1465	0.1278	0.1503
	EMS	0.0959	0.1023	0.0711	0.1152
	FIRE	0.0948	0.0889	0.0748	0.1214
	LE	0.1151	0.1123	0.0703	0.1627
Processes for SOP/SOG development and review exist for consistency across responders	ALL	<b>0.0282</b>	0.0367	0.0247	0.0236
	ECC	0.0242	0.0234	0.03	0.0192
	EM	0.0309	0.0253	0.0333	0.0347
	EMS	0.0304	0.0326	0.0267	0.0323
	FIRE	0.0332	0.0444	0.0238	0.0321
	LE	0.023	0.0321	0.0273	0.0119
Not applicable	ALL	<b>0.3301</b>	0.3397	0.3198	0.3318
	ECC	0.2712	0.2865	0.25	0.2788
	EM	0.2541	0.2677	0.25	0.2428
	EMS	0.3562	0.3628	0.3378	0.3687
	FIRE	0.3495	0.3519	0.3435	0.3536
	LE	0.3036	0.3155	0.2969	0.3016

**Q15a\_7) Select the responses that best characterize your organization's SOPs/SOGs with tribal governments/organizations.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria). Note: quantities are proportions of local respondents that did not select "No communications SOPs/SOGs currently exist" on Q15.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Informal practices and procedures are in place	ALL	<b>0.3449</b>	0.3294	0.3744	0.3276
	ECC	0.3598	0.3924	0.3859	0.3065
	EM	0.3542	0.3763	0.3609	0.3205
	EMS	0.3397	0.3137	0.367	0.3366
	FIRE	0.3387	0.313	0.3681	0.3321
	LE	0.3338	0.3466	0.3417	0.316
Formal policies practices/procedures enable "day-to-day" situations' interoperability	ALL	<b>0.0896</b>	0.097	0.0913	0.0802
	ECC	0.1117	0.1582	0.0924	0.0914
	EM	0.1213	0.1075	0.1361	0.1218
	EMS	0.0865	0.0931	0.1009	0.0644
	FIRE	0.0973	0.1145	0.1111	0.0649
	LE	0.102	0.125	0.0917	0.0952
Formal policies/practices/procedures enable "out-of-the-ordinary" situations' interoperability	ALL	<b>0.0625</b>	0.0702	0.0533	0.0648
	ECC	0.0644	0.0759	0.0326	0.086
	EM	0.0802	0.086	0.0828	0.0705
	EMS	0.0497	0.0637	0.0459	0.0396
	FIRE	0.0443	0.0534	0.0382	0.042
	LE	0.0773	0.0966	0.0542	0.0866
Processes for SOP/SOG development and review exist for consistency across responders	ALL	<b>0.0141</b>	0.0201	0.0122	0.0102
	ECC	0.0057	0.0127	0.0054	NR
	EM	0.0157	0.0161	0.0178	0.0128
	EMS	0.0128	0.0196	0.0092	0.0099
	FIRE	0.016	0.0267	0.0069	0.0153
	LE	0.0108	0.0227	0.0083	0.0043
Not applicable	ALL	<b>0.4889</b>	0.4833	0.4688	0.5171
	ECC	0.4583	0.3608	0.4837	0.5161
	EM	0.4286	0.414	0.4024	0.4744
	EMS	0.5112	0.5098	0.4771	0.5495
	FIRE	0.5037	0.4924	0.4757	0.5458
	LE	0.476	0.4091	0.5042	0.4978

**Q15a\_8) Select the responses that best characterize your organization's SOPs/SOGs with NGOs/private sector.**

(SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria). Note: quantities are proportions of local respondents that did not select "No communications SOPs/SOGs currently exist" on Q15.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Informal practices and procedures are in place	ALL	<b>0.3856</b>	0.3796	0.4074	0.3676
	ECC	0.3799	0.3571	0.4271	0.3535
	EM	0.4312	0.4264	0.442	0.4251
	EMS	0.3812	0.3709	0.3964	0.3756
	FIRE	0.3872	0.3933	0.3945	0.3736
	LE	0.3528	0.3702	0.3592	0.3333
Formal policies practices/procedures enable "day-to-day" situations' interoperability	ALL	<b>0.1306</b>	0.1309	0.1259	0.1356
	ECC	0.1649	0.1845	0.125	0.1869
	EM	0.178	0.1624	0.1768	0.1976
	EMS	0.1312	0.1315	0.1486	0.1127
	FIRE	0.1255	0.1273	0.1488	0.0989
	LE	0.142	0.1326	0.1306	0.1605
Formal policies/practices/procedures enable "out-of-the-ordinary" situations' interoperability	ALL	<b>0.0729</b>	0.0743	0.0681	0.0768
	ECC	0.086	0.1071	0.0729	0.0808
	EM	0.0844	0.0914	0.0994	0.0599
	EMS	0.0602	0.0563	0.0631	0.061
	FIRE	0.0507	0.0412	0.0484	0.0623
	LE	0.0777	0.0884	0.0612	0.0864
Processes for SOP/SOG development and review exist for consistency across responders	ALL	<b>0.0178</b>	0.021	0.0163	0.0163
	ECC	0.0161	0.0179	0.0208	0.0101
	EM	0.0294	0.0305	0.0331	0.024
	EMS	0.017	0.0188	0.018	0.0141
	FIRE	0.0169	0.0262	0.0069	0.0183
	LE	0.0149	0.0166	0.0122	0.0165
Not applicable	ALL	<b>0.393</b>	0.3942	0.3822	0.4036
	ECC	0.353	0.3333	0.3542	0.3687
	EM	0.2771	0.2893	0.2486	0.2934
	EMS	0.4105	0.4225	0.3739	0.4366
	FIRE	0.4198	0.412	0.4014	0.4469
	LE	0.4126	0.3923	0.4367	0.4033

**Q15a\_9) Select the responses that best characterize your organization's SOPs/SOGs with international/cross-border entities.** (SOR) Note: Reading from top to bottom, the first four responses are progressive (i.e., to select the fourth response, an organization must have surpassed all of the first three response criteria). Note: quantities are proportions of local respondents that did not select "No communications SOPs/SOGs currently exist" on Q15.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Informal practices and procedures are in place	ALL	<b>0.3454</b>	0.3362	0.3558	0.3431
	ECC	0.3731	0.4125	0.3702	0.3422
	EM	0.3738	0.3956	0.3631	0.3595
	EMS	0.3382	0.3251	0.3426	0.3467
	FIRE	0.3404	0.3281	0.3415	0.3514
	LE	0.3395	0.3506	0.325	0.3463
Formal policies practices/procedures enable "day-to-day" situations' interoperability	ALL	<b>0.0697</b>	0.0713	0.0782	0.0586
	ECC	0.0814	0.1	0.0718	0.0749
	EM	0.0716	0.0604	0.0893	0.0654
	EMS	0.0712	0.0788	0.0926	0.0402
	FIRE	0.0738	0.0781	0.1021	0.0386
	LE	0.0791	0.0862	0.0875	0.0649
Formal policies/practices/procedures enable "out-of-the-ordinary" situations' interoperability	ALL	<b>0.0456</b>	0.0509	0.0399	0.0466
	ECC	0.0492	0.0625	0.0331	0.0535
	EM	0.0557	0.0549	0.0655	0.0458
	EMS	0.0356	0.0443	0.0417	0.0201
	FIRE	0.0313	0.0352	0.0317	0.027
	LE	0.0512	0.0747	0.0333	0.0519
Processes for SOP/SOG development and review exist for consistency across responders	ALL	<b>0.0082</b>	0.0102	0.0092	0.0052
	ECC	0.0038	0.0063	0.0055	NR
	EM	0.006	0.0055	0.0119	NR
	EMS	0.0097	0.0099	0.0139	0.005
	FIRE	0.0088	0.0117	0.007	0.0077
	LE	0.0047	0.0057	0.0042	0.0043
Not applicable	ALL	<b>0.531</b>	0.5314	0.5169	0.5466
	ECC	0.4924	0.4188	0.5193	0.5294
	EM	0.493	0.4835	0.4702	0.5294
	EMS	0.5453	0.5419	0.5093	0.5879
	FIRE	0.5457	0.5469	0.5176	0.5753
	LE	0.5256	0.4828	0.55	0.5325



**Q15b) Select the guidelines or standards that have influenced your organization's communications SOPs/SOGs.** (SATA) Note: quantities are proportions of local respondents that did not select "No communications SOPs/SOGs currently exist" on Q15.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Local guidance (Q15b.a)	ALL	<b>0.9186</b>	0.9046	0.921	0.9304
	ECC	0.9479	0.9474	0.9567	0.9397
	EM	0.9234	0.9039	0.9375	0.931
	EMS	0.9365	0.913	0.9389	0.9572
	FIRE	0.9142	0.8902	0.9059	0.9474
	LE	0.9095	0.885	0.9196	0.9186
State guidance (Q15b.b)	ALL	<b>0.7889</b>	0.789	0.8005	0.7763
	ECC	0.8646	0.866	0.8701	0.8578
	EM	0.8344	0.8559	0.8462	0.798
	EMS	0.7591	0.747	0.8092	0.7198
	FIRE	0.7185	0.7195	0.7353	0.6997
	LE	0.8364	0.8451	0.8287	0.8373
Territorial guidance (Q15b.c)	ALL	<b>0.0325</b>	0.0323	0.0351	0.03
	ECC	0.0372	0.0383	0.039	0.0345
	EM	0.0422	0.0349	0.0385	0.0542
	EMS	0.044	0.0316	0.0611	0.0389
	FIRE	0.0373	0.0366	0.0353	0.0402
	LE	0.0372	0.0398	0.042	0.0305
National/federal guidance (Q15b.d)	ALL	<b>0.4956</b>	0.4194	0.4981	0.5703
	ECC	0.5818	0.4785	0.5974	0.6595
	EM	0.5969	0.5066	0.601	0.6946
	EMS	0.4793	0.3913	0.5038	0.5409
	FIRE	0.4369	0.3567	0.4294	0.5263
	LE	0.5403	0.4513	0.542	0.6068
Tribal guidance (Q15b.e)	ALL	<b>0.0193</b>	0.0323	0.0151	0.0109
	ECC	0.0283	0.0383	0.0346	0.0129
	EM	0.0312	0.0568	0.0096	0.0246
	EMS	0.0207	0.0316	0.0229	0.0078
	FIRE	0.0222	0.0427	0.0147	0.0093
	LE	0.0223	0.031	0.021	0.0169
Industry guidance (e.g., vendor, provider, trade organization) (Q15b.f)	ALL	<b>0.2946</b>	0.2339	0.2898	0.3615
	ECC	0.4315	0.3876	0.4459	0.4569
	EM	0.3234	0.262	0.2885	0.4286
	EMS	0.2953	0.2174	0.3206	0.3463
	FIRE	0.2462	0.189	0.2324	0.3189
	LE	0.3061	0.2522	0.3042	0.3492
None of the above (Q15b.g)	ALL	<b>0.0172</b>	0.0215	0.0125	0.0177
	ECC	0.006	0.0048	0.0043	0.0086
	EM	0.0094	0.0175	NR	0.0099
	EMS	0.0207	0.0316	0.0153	0.0156
	FIRE	0.0303	0.0427	0.0265	0.0217
	LE	0.0087	0.0133	0.007	0.0068

**Q15d) Select the topics that are included in your organization's SOPs/SOGs.** (SATA) Note: quantities are proportions of local respondents that did not select "No communications SOPs/SOGs currently exist" on Q15.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Land Mobile Radio (LMR) (Q15d.a)	ALL	<b>0.6801</b>	0.7019	0.6868	0.6506
	ECC	0.6692	0.6522	0.683	0.6711
	EM	0.7242	0.7285	0.7537	0.6888
	EMS	0.7086	0.6939	0.748	0.6827
	FIRE	0.6913	0.7009	0.7078	0.6634
	LE	0.6245	0.6729	0.6318	0.581
Broadband (Q15d.b)	ALL	<b>0.2862</b>	0.266	0.2798	0.3139
	ECC	0.2686	0.2995	0.25	0.2588
	EM	0.3306	0.2986	0.3202	0.3776
	EMS	0.2848	0.2612	0.311	0.2811
	FIRE	0.2432	0.2243	0.244	0.2621
	LE	0.3394	0.3318	0.3177	0.3662
Project 25 (P25) encryption (Q15d.c)	ALL	<b>0.363</b>	0.273	0.3787	0.4375
	ECC	0.4446	0.2995	0.5089	0.5132
	EM	0.4726	0.371	0.4975	0.5612
	EMS	0.3209	0.2286	0.3307	0.4016
	FIRE	0.3212	0.2336	0.3253	0.4078
	LE	0.3768	0.2804	0.3755	0.4507
Social media (Q15d.d)	ALL	<b>0.5761</b>	0.5042	0.5712	0.6548
	ECC	0.6707	0.6425	0.6964	0.6711
	EM	0.5903	0.5475	0.5616	0.6684
	EMS	0.5588	0.4898	0.5394	0.6466
	FIRE	0.5364	0.433	0.5331	0.6472
	LE	0.6374	0.6168	0.6101	0.6796
Cybersecurity (Q15d.e)	ALL	<b>0.453</b>	0.3579	0.4583	0.544
	ECC	0.6434	0.6135	0.6741	0.6404
	EM	0.4935	0.4525	0.4877	0.5459
	EMS	0.3864	0.3102	0.3976	0.4498
	FIRE	0.3295	0.2399	0.3223	0.4304
	LE	0.609	0.528	0.6173	0.662
Priority Telecommunications Services (Q15d.f)	ALL	<b>0.3049</b>	0.2744	0.2914	0.3509
	ECC	0.434	0.4589	0.4286	0.4167
	EM	0.3774	0.3394	0.335	0.4643
	EMS	0.2714	0.2694	0.248	0.2972
	FIRE	0.2266	0.2025	0.1928	0.288
	LE	0.3794	0.3738	0.3574	0.4049
Next Generation 911 (NG911) (Q15d.g)	ALL	<b>0.3498</b>	0.3175	0.3504	0.3821
	ECC	0.5599	0.5266	0.5848	0.5658
	EM	0.4161	0.4027	0.4089	0.4388
	EMS	0.2861	0.2531	0.2992	0.3052
	FIRE	0.2651	0.2212	0.2741	0.301
	LE	0.4439	0.3972	0.4224	0.5

Alerts, warnings, and notifications (e.g., Wireless Emergency Alert, Emergency Alert System) (Q15d.h)	ALL	<b>0.6311</b>	0.6142	0.6457	0.6321
	ECC	0.7405	0.7585	0.7634	0.7018
	EM	0.7629	0.7511	0.7882	0.75
	EMS	0.5709	0.5429	0.6063	0.5622
	FIRE	0.5416	0.5078	0.5602	0.5566
	LE	0.6813	0.6869	0.7004	0.6585
Continuity of communications (e.g., resiliency, redundancy, primary/secondary/backup) (Q15d.i)	ALL	<b>0.5198</b>	0.4638	0.5173	0.5795
	ECC	0.7436	0.7343	0.7411	0.7544
	EM	0.6258	0.5882	0.6305	0.6633
	EMS	0.4505	0.4163	0.4685	0.4659
	FIRE	0.4033	0.3364	0.4096	0.466
	LE	0.591	0.5234	0.5884	0.6444
Physical security (Q15d.j)	ALL	<b>0.4362</b>	0.3426	0.4429	0.5241
	ECC	0.692	0.6329	0.7321	0.7061
	EM	0.429	0.362	0.4433	0.4898
	EMS	0.3209	0.2286	0.3425	0.3896
	FIRE	0.2859	0.2056	0.3042	0.3495
	LE	0.6194	0.5	0.6282	0.7007
Position, navigation, and timing (PNT) (Q15d.k)	ALL	<b>0.0572</b>	0.0557	0.0565	0.0597
	ECC	0.1077	0.1063	0.1071	0.1096
	EM	0.0677	0.0679	0.0788	0.0561
	EMS	0.0682	0.0816	0.063	0.0602
	FIRE	0.0509	0.0592	0.0452	0.0485
	LE	0.0658	0.0888	0.0578	0.0563
None of the above (Q15d.l)	ALL	<b>0.04</b>	0.0557	0.0385	0.0256
	ECC	0.0076	0.0145	0.0045	0.0044
	EM	0.0258	0.0362	0.0246	0.0153
	EMS	0.0441	0.0735	0.0315	0.0281
	FIRE	0.0541	0.081	0.0452	0.0356
	LE	0.0258	0.0327	0.0325	0.0141

Q16\_1.1) Do your organization's SOPs/SOGs sufficiently support its need to achieve communications operability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.8206	0.7787	0.805	0.8901
	ECC	0.8871	0.8601	0.8582	0.9458
	EM	0.8099	0.7619	0.7985	0.8855
	EMS	0.8369	0.8165	0.8019	0.899
	FIRE	0.8101	0.7833	0.7788	0.8807
	LE	0.8488	0.7885	0.8377	0.9143
No	ALL	0.1794	0.2213	0.195	0.1099
	ECC	0.1129	0.1399	0.1418	0.0542
	EM	0.1901	0.2381	0.2015	0.1145
	EMS	0.1631	0.1835	0.1981	0.101
	FIRE	0.1899	0.2167	0.2212	0.1193
	LE	0.1512	0.2115	0.1623	0.0857

Q16\_1.2) Do your organization's SOPs/SOGs sufficiently support its need to achieve communications operability in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.689	0.6237	0.6781	0.7807
	ECC	0.7695	0.7078	0.7816	0.8193
	EM	0.6696	0.5782	0.6779	0.7788
	EMS	0.6706	0.6095	0.6646	0.7448
	FIRE	0.65	0.5895	0.6259	0.7521
	LE	0.761	0.6679	0.7493	0.8562
No	ALL	0.311	0.3763	0.3219	0.2193
	ECC	0.2305	0.2922	0.2184	0.1807
	EM	0.3304	0.4218	0.3221	0.2212
	EMS	0.3294	0.3905	0.3354	0.2552
	FIRE	0.35	0.4105	0.3741	0.2479
	LE	0.239	0.3321	0.2507	0.1438

Q16\_2.1) Do your organization's SOPs/SOGs sufficiently support its need to achieve communications interoperability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7404	0.6858	0.7221	0.8285
	ECC	0.8237	0.8025	0.7854	0.887
	EM	0.7255	0.6769	0.7079	0.8097
	EMS	0.7348	0.6994	0.7028	0.8105
	FIRE	0.7099	0.6603	0.669	0.82
	LE	0.7994	0.7374	0.7855	0.8694
No	ALL	0.2596	0.3142	0.2779	0.1715
	ECC	0.1763	0.1975	0.2146	0.113
	EM	0.2745	0.3231	0.2921	0.1903
	EMS	0.2652	0.3006	0.2972	0.1895
	FIRE	0.2901	0.3397	0.331	0.18
	LE	0.2006	0.2626	0.2145	0.1306

Q16\_2.2) Do your organization's SOPs/SOGs sufficiently support its need to achieve communications interoperability in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.6006	0.5383	0.5808	0.6997
	ECC	0.6559	0.5702	0.6705	0.7269
	EM	0.5789	0.5034	0.5714	0.6858
	EMS	0.5612	0.5111	0.548	0.6316
	FIRE	0.5512	0.5024	0.5139	0.6562
	LE	0.6842	0.6036	0.6706	0.77
No	ALL	0.3994	0.4617	0.4192	0.3003
	ECC	0.3441	0.4298	0.3295	0.2731
	EM	0.4211	0.4966	0.4286	0.3142
	EMS	0.4388	0.4889	0.452	0.3684
	FIRE	0.4488	0.4976	0.4861	0.3438
	LE	0.3158	0.3964	0.3294	0.23

Q16\_3.1) Do your organization's SOPs/SOGs sufficiently support its need to achieve communications continuity in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7198	0.6695	0.7039	0.7997
	ECC	0.8127	0.7975	0.7854	0.8577
	EM	0.7001	0.6565	0.6779	0.7832
	EMS	0.7053	0.6635	0.6966	0.7614
	FIRE	0.6789	0.6357	0.6505	0.7657
	LE	0.7863	0.7292	0.7826	0.8408
No	ALL	0.2802	0.3305	0.2961	0.2003
	ECC	0.1873	0.2025	0.2146	0.1423
	EM	0.2999	0.3435	0.3221	0.2168
	EMS	0.2947	0.3365	0.3034	0.2386
	FIRE	0.3211	0.3643	0.3495	0.2343
	LE	0.2137	0.2708	0.2174	0.1592



Q16\_2.2) Do your organization's SOPs/SOGs sufficiently support its need to achieve communications continuity in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.58	0.5331	0.5636	0.6562
	ECC	0.6595	0.5975	0.659	0.7227
	EM	0.558	0.5051	0.5526	0.6327
	EMS	0.546	0.4921	0.5666	0.5825
	FIRE	0.5262	0.4702	0.5208	0.6
	LE	0.6624	0.6095	0.6385	0.7348
No	ALL	0.42	0.4669	0.4364	0.3438
	ECC	0.3405	0.4025	0.341	0.2773
	EM	0.442	0.4949	0.4474	0.3673
	EMS	0.454	0.5079	0.4334	0.4175
	FIRE	0.4738	0.5298	0.4792	0.4
	LE	0.3376	0.3905	0.3615	0.2652

**Q17) Select the interoperability solutions your organization employs, regardless of whether the systems in use are owned, shared, or subscription-based. (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Channel/console crossing-patching (Q17.a)	ALL	<b>0.6135</b>	0.5417	0.6183	0.6913
	ECC	0.8593	0.813	0.8765	0.8861
	EM	0.6546	0.5632	0.6853	0.7352
	EMS	0.5977	0.5593	0.5577	0.6835
	FIRE	0.5598	0.468	0.5483	0.6794
	LE	0.6835	0.626	0.6828	0.7342
Cloud-based environment (Q17.b)	ALL	<b>0.2192</b>	0.1591	0.2032	0.3087
	ECC	0.2827	0.2522	0.2629	0.3333
	EM	0.2758	0.1949	0.259	0.3973
	EMS	0.2136	0.1559	0.2212	0.2662
	FIRE	0.1764	0.1074	0.1667	0.2676
	LE	0.2752	0.2099	0.2589	0.3488
Commercial wireless equipment (e.g., bring your own device) (Q17.c)	ALL	<b>0.2777</b>	0.2825	0.2677	0.284
	ECC	0.2591	0.2478	0.2709	0.2574
	EM	0.336	0.3105	0.3466	0.3562
	EMS	0.2847	0.2847	0.2596	0.3129
	FIRE	0.2664	0.2634	0.2391	0.3029
	LE	0.2236	0.229	0.2136	0.2292
Commercial wireless equipment (e.g., government furnished equipment) (Q17.d)	ALL	<b>0.3046</b>	0.2536	0.3043	0.3645
	ECC	0.3719	0.3348	0.3466	0.4346
	EM	0.3815	0.3249	0.3625	0.4749
	EMS	0.2701	0.2136	0.2724	0.3273
	FIRE	0.2454	0.2046	0.2271	0.3147
	LE	0.3291	0.2595	0.3528	0.3654
Commercial wireless service offering (e.g., mission critical push-to-talk [MCPTT], direct mode) (Q17.e)	ALL	<b>0.1004</b>	0.0857	0.0903	0.1297
	ECC	0.1476	0.1217	0.1275	0.1941
	EM	0.1218	0.1047	0.1116	0.1553
	EMS	0.1051	0.0814	0.0994	0.1367
	FIRE	0.0786	0.0691	0.07	0.1
	LE	0.1135	0.0916	0.1003	0.1462
Common applications (e.g., use of same or compatible applications to share data) (Q17.f)	ALL	<b>0.1992</b>	0.1535	0.1968	0.2555
	ECC	0.3162	0.287	0.2749	0.3882
	EM	0.245	0.1913	0.255	0.3014
	EMS	0.1718	0.1017	0.1731	0.2446
	FIRE	0.1581	0.11	0.1546	0.2176
	LE	0.2133	0.1603	0.2039	0.2691
Console-to-console intercom interconnections (e.g., center-to-center voice and data) (Q17.g)	ALL	<b>0.1712</b>	0.1402	0.1645	0.2153
	ECC	0.2981	0.2739	0.3028	0.3165
	EM	0.2102	0.1661	0.2112	0.2648
	EMS	0.1684	0.1254	0.1763	0.205
	FIRE	0.152	0.1202	0.1304	0.2147
	LE	0.2122	0.2214	0.1877	0.2292

Cross band repeaters (Q17.h)	ALL	0.2262	0.178	0.2172	0.2931
	ECC	0.2577	0.2348	0.2351	0.3038
	EM	0.2704	0.1949	0.2629	0.3744
	EMS	0.2237	0.1458	0.2436	0.2842
	FIRE	0.2323	0.1637	0.2488	0.2912
	LE	0.219	0.2023	0.1942	0.2591
Custom-interfaced applications (e.g., custom linking of proprietary applications or use of middleware to share data) (Q17.i)	ALL	0.0627	0.0345	0.0559	0.1038
	ECC	0.1128	0.0609	0.1116	0.1646
	EM	0.071	0.0217	0.0518	0.1553
	EMS	0.0565	0.0136	0.0641	0.0935
	FIRE	0.0445	0.0153	0.0386	0.0853
	LE	0.0688	0.0382	0.0615	0.103
Data exchange hubs (e.g., computer-aided dispatch [CAD]-to-CAD, integrated message switching systems [MSS]) (Q17.j)	ALL	0.2404	0.188	0.2366	0.3061
	ECC	0.3788	0.3957	0.3426	0.4008
	EM	0.2758	0.2166	0.2749	0.3516
	EMS	0.2271	0.1695	0.2019	0.3165
	FIRE	0.1965	0.1535	0.1546	0.2971
	LE	0.2947	0.2443	0.2783	0.3555
Deployable audio/gateway switch (Q17.k)	ALL	0.0896	0.0501	0.0914	0.1336
	ECC	0.1532	0.1087	0.1434	0.2068
	EM	0.1499	0.0794	0.1514	0.2374
	EMS	0.096	0.0576	0.0929	0.1403
	FIRE	0.0786	0.0512	0.0773	0.1118
	LE	0.0906	0.0611	0.068	0.1395
Deployable site infrastructure (e.g., cell on wheels [COW]/cell on light truck [COLT], transportable land-mobile radio) (Q17.l)	ALL	0.0931	0.059	0.0892	0.1375
	ECC	0.1337	0.0783	0.1155	0.2068
	EM	0.1178	0.0722	0.1195	0.1735
	EMS	0.0836	0.0339	0.0994	0.1187
	FIRE	0.0847	0.0435	0.0821	0.1353
	LE	0.0883	0.0458	0.1068	0.1063
Established channel sharing agreements (Q17.m)	ALL	0.3419	0.297	0.3344	0.4034
	ECC	0.4304	0.3565	0.4263	0.5063
	EM	0.3695	0.3141	0.3825	0.4247
	EMS	0.3141	0.2305	0.3205	0.3957
	FIRE	0.3127	0.2404	0.3188	0.3882
	LE	0.367	0.2977	0.3463	0.4485
Fixed audio/gateway switch (Q17.n)	ALL	0.2169	0.1735	0.2215	0.262
	ECC	0.3858	0.3652	0.3944	0.3966
	EM	0.2892	0.2383	0.2908	0.3516
	EMS	0.1955	0.139	0.2019	0.2482
	FIRE	0.1834	0.1253	0.1836	0.25
	LE	0.2443	0.1947	0.2492	0.2824
Inter-Radio Frequency (RF) Subsystem Interface (ISSI)/Console Subsystem Interface (CSSI) (Q17.o)	ALL	0.0881	0.059	0.0699	0.144
	ECC	0.1574	0.1	0.1195	0.2532
	EM	0.1071	0.0686	0.0876	0.1781
	EMS	0.0814	0.0508	0.0705	0.1259
	FIRE	0.0769	0.046	0.0604	0.1324
	LE	0.1009	0.0573	0.0939	0.1462
	ALL	0.4815	0.3826	0.4935	0.5824

Mobile command post/mobile communications center (Q17.p)	ECC	0.5905	0.5217	0.6135	0.6329
	EM	0.5971	0.4946	0.6295	0.6895
	EMS	0.4554	0.3051	0.4808	0.5863
	FIRE	0.4279	0.3018	0.4227	0.5794
	LE	0.4851	0.3779	0.4984	0.5648
Mutual aid channels/talkgroups (e.g., shared channels/talkgroups) (Q17.q)	ALL	<b>0.7577</b>	0.7052	0.7656	0.8093
	ECC	0.8398	0.7957	0.8606	0.8608
	EM	0.7764	0.7112	0.8008	0.8311
	EMS	0.7559	0.6983	0.7436	0.8309
	FIRE	0.7563	0.7008	0.7512	0.8265
Nationwide Public Safety Broadband Network (NPSBN)/FirstNet (Q17.r)	ALL	<b>0.2696</b>	0.2147	0.2925	0.3061
	ECC	0.3747	0.313	0.4104	0.3966
	EM	0.344	0.2852	0.3865	0.3699
	EMS	0.2237	0.1661	0.2404	0.2662
	FIRE	0.2148	0.1714	0.2005	0.2824
National Information Exchange Model (NIEM)-based data exchange (Q17.s)	ALL	<b>0.0254</b>	0.0133	0.0247	0.0402
	ECC	0.039	0.013	0.0398	0.0633
	EM	0.0321	0.0036	0.0279	0.0731
	EMS	0.0316	0.0068	0.0417	0.0468
	FIRE	0.0253	0.0102	0.0266	0.0412
National Public Safety Planning Advisory Committee (NPSPAC) channels (Q17.t)	ALL	<b>0.0604</b>	0.0345	0.0495	0.1038
	ECC	0.0975	0.0391	0.0598	0.1941
	EM	0.091	0.0505	0.0757	0.1598
	EMS	0.0576	0.0203	0.0513	0.1043
	FIRE	0.0541	0.023	0.0435	0.1029
One-way standards-based sharing of data (e.g., applications to “broadcast/push” or “receive/pull” data from systems) (Q17.u)	ALL	<b>0.0585</b>	0.0423	0.0527	0.0843
	ECC	0.1072	0.113	0.0757	0.135
	EM	0.0656	0.0397	0.0518	0.1142
	EMS	0.0497	0.0271	0.0513	0.0719
	FIRE	0.0428	0.0256	0.0386	0.0676
Radio cache/radio exchange (Q17.v)	ALL	<b>0.3488</b>	0.2781	0.371	0.4047
	ECC	0.4582	0.3478	0.498	0.5232
	EM	0.4859	0.3755	0.5498	0.5525
	EMS	0.3232	0.2203	0.3429	0.4101
	FIRE	0.31	0.2276	0.3019	0.4147
Radio reprogramming (Q17.w)	ALL	<b>0.455</b>	0.3626	0.471	0.5435
	ECC	0.5376	0.4435	0.5339	0.6329
	EM	0.502	0.4296	0.502	0.5936
	EMS	0.4621	0.3186	0.5	0.5719
	FIRE	0.4638	0.3657	0.4734	0.5647
	LE	0.4507	0.3092	0.4628	0.5615
	ALL	<b>0.6685</b>	0.6407	0.6785	0.6887
	ECC	0.7256	0.7	0.7211	0.7553

Shared system (conventional or trunked) (Q17.x)	<b>EM</b>	0.6841	0.6715	0.6773	0.7078
	<b>EMS</b>	0.6701	0.6407	0.6635	0.7086
	<b>FIRE</b>	0.669	0.6292	0.6691	0.7147
	<b>LE</b>	0.6456	0.626	0.6602	0.6478
Standards-based shared systems (e.g., Project 25 [P25]) (Q17.y)	<b>ALL</b>	<b>0.3931</b>	0.297	0.4161	0.4773
	<b>ECC</b>	0.5139	0.3957	0.5578	0.5823
	<b>EM</b>	0.4766	0.3863	0.506	0.5571
	<b>EMS</b>	0.3763	0.2475	0.3718	0.518
	<b>FIRE</b>	0.3651	0.2404	0.3671	0.5059
	<b>LE</b>	0.3601	0.2634	0.3916	0.412
None of the above (Q17.z)	<b>ALL</b>	<b>0.0369</b>	0.0456	0.0376	0.0259
	<b>ECC</b>	0.0181	0.0348	0.008	0.0127
	<b>EM</b>	0.0268	0.0361	0.0279	0.0137
	<b>EMS</b>	0.035	0.0339	0.0385	0.0324
	<b>FIRE</b>	0.0384	0.0486	0.0435	0.0206
	<b>LE</b>	0.031	0.0458	0.0291	0.0199

**Q18) Select the types of information that are exchanged between your organization and others. (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Voice (Q18.a)	ALL	<b>0.9404</b>	0.9279	0.9492	0.9442
	ECC	0.9541	0.9487	0.9637	0.9494
	EM	0.9556	0.9495	0.968	0.9491
	EMS	0.9523	0.9564	0.9508	0.9495
	FIRE	0.9421	0.9338	0.9436	0.9497
	LE	0.9221	0.8859	0.932	0.9435
Video (Q18.b)	ALL	<b>0.2247</b>	0.1652	0.2095	0.3126
	ECC	0.2462	0.2393	0.2177	0.2827
	EM	0.3149	0.2347	0.352	0.375
	EMS	0.158	0.1309	0.141	0.2058
	FIRE	0.1449	0.0992	0.1299	0.216
	LE	0.331	0.2662	0.2977	0.4219
Geographic Information System (GIS) data (Q18.c)	ALL	<b>0.5129</b>	0.408	0.5454	0.5966
	ECC	0.7191	0.6966	0.7339	0.7257
	EM	0.5868	0.4838	0.636	0.662
	EMS	0.4636	0.3658	0.4885	0.5415
	FIRE	0.4293	0.313	0.4265	0.568
	LE	0.5647	0.4487	0.6084	0.6213
Evacuee patient tracking data (Q18.d)	ALL	<b>0.1066</b>	0.0732	0.0961	0.1582
	ECC	0.1015	0.0598	0.0968	0.1477
	EM	0.1575	0.1119	0.156	0.2176
	EMS	0.1284	0.0805	0.1115	0.1986
	FIRE	0.0957	0.0433	0.0784	0.1775
	LE	0.079	0.0684	0.0712	0.0963
Accident/crash (telematics) data (Q18.e)	ALL	<b>0.2166</b>	0.1885	0.2127	0.2542
	ECC	0.2851	0.2735	0.2661	0.3165
	EM	0.2261	0.1986	0.232	0.2546
	EMS	0.1761	0.1644	0.1639	0.2022
	FIRE	0.1598	0.1399	0.1422	0.2041
	LE	0.3402	0.3118	0.3301	0.3754
Resource data (available equipment, teams, shelter/hospital beds) (Q18.f)	ALL	<b>0.3013</b>	0.2417	0.3067	0.3645
	ECC	0.3338	0.2863	0.3347	0.3797
	EM	0.4307	0.3538	0.472	0.4815
	EMS	0.3045	0.2215	0.3049	0.3935
	FIRE	0.273	0.1908	0.2623	0.3817
	LE	0.2852	0.2357	0.2977	0.3156
Biometric data (Q18.g)	ALL	<b>0.0254</b>	0.01	0.0184	0.0519
	ECC	0.0417	0.0171	0.0363	0.0717
	EM	0.0256	0.0036	0.02	0.0602
	EMS	0.0318	0.0134	0.023	0.0614
	FIRE	0.0255	0.0102	0.0172	0.0533
	LE	0.0447	0.0152	0.0356	0.0797

Computer aided dispatch (CAD) data (Q18.h)	ALL	<b>0.6545</b>	0.5787	0.6771	0.716
	ECC	0.8025	0.812	0.8105	0.7848
	EM	0.6406	0.5596	0.692	0.6852
	EMS	0.6659	0.5906	0.6689	0.7437
	FIRE	0.6444	0.5674	0.6397	0.7396
	LE	0.6999	0.6426	0.7411	0.7076
Automatic vehicle location (AVL) data (Q18.i)	ALL	<b>0.3013</b>	0.2073	0.3251	0.3826
	ECC	0.4701	0.4487	0.4919	0.4684
	EM	0.3163	0.1986	0.36	0.4167
	EMS	0.2955	0.1678	0.3213	0.4043
	FIRE	0.266	0.1476	0.2647	0.4053
	LE	0.3574	0.2814	0.411	0.3688
Common operating picture data/situational awareness (Q18.j)	ALL	<b>0.1416</b>	0.0942	0.1447	0.1933
	ECC	0.1808	0.1197	0.1895	0.2321
	EM	0.2732	0.2094	0.288	0.338
	EMS	0.117	0.0503	0.1213	0.1841
	FIRE	0.1018	0.0534	0.0931	0.1686
	LE	0.1306	0.0722	0.1424	0.1694
Records management system (RMS) (Q18.k)	ALL	<b>0.414</b>	0.3137	0.4417	0.4981
	ECC	0.6078	0.5812	0.6129	0.6287
	EM	0.397	0.3249	0.444	0.4352
	EMS	0.35	0.2416	0.3738	0.4404
	FIRE	0.3406	0.2341	0.348	0.4556
	LE	0.6266	0.5703	0.6634	0.6379
Threat intelligence data (Q18.l)	ALL	<b>0.1412</b>	0.0665	0.1328	0.2387
	ECC	0.1669	0.0897	0.1371	0.2743
	EM	0.1736	0.0939	0.176	0.2731
	EMS	0.0909	0.0336	0.082	0.1625
	FIRE	0.0825	0.0382	0.0637	0.1568
	LE	0.2394	0.1217	0.2395	0.3422
Sensor or Internet-of-Things (IoT)-based data (Q18.m)	ALL	<b>0.0285</b>	0.0133	0.0259	0.0493
	ECC	0.0459	0.0299	0.0242	0.0844
	EM	0.0498	0.0181	0.048	0.0926
	EMS	0.0205	0.0067	0.0066	0.0505
	FIRE	0.0184	0.0076	0.0049	0.0473
	LE	0.0355	0.019	0.0324	0.0532
Other types of data (Q18.n)	ALL	<b>0.0846</b>	0.0787	0.0907	0.0843
	ECC	0.1057	0.0897	0.1169	0.1097
	EM	0.0956	0.0758	0.108	0.1065
	EMS	0.0795	0.0604	0.0852	0.0939
	FIRE	0.0632	0.0534	0.0637	0.074
	LE	0.1134	0.0913	0.1327	0.113

Q19\_01) Select the extent to which unplanned system/equipment failure has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.0767	0.0742	0.0666	0.092
	ECC	0.0634	0.0598	0.0528	0.0783
	EM	0.0573	0.0473	0.0528	0.0755
	EMS	0.0645	0.0685	0.0561	0.0696
	FIRE	0.0701	0.0619	0.0597	0.092
	LE	0.0812	0.0775	0.0682	0.098
Little extent	ALL	0.3233	0.2764	0.3406	0.3574
	ECC	0.3127	0.2521	0.3577	0.3261
	EM	0.2851	0.2218	0.2886	0.3632
	EMS	0.3387	0.2945	0.3597	0.3626
	FIRE	0.339	0.3067	0.3433	0.3709
	LE	0.3457	0.2829	0.3636	0.3818
Some extent	ALL	0.4032	0.4472	0.3919	0.3653
	ECC	0.4423	0.5043	0.4228	0.4
	EM	0.442	0.4836	0.4268	0.4057
	EMS	0.3779	0.4212	0.3531	0.359
	FIRE	0.3895	0.4433	0.3731	0.3472
	LE	0.3782	0.4109	0.3929	0.3345
Great Extent	ALL	0.1726	0.1809	0.1736	0.1616
	ECC	0.1676	0.1795	0.1423	0.1826
	EM	0.1924	0.2255	0.1992	0.1415
	EMS	0.1947	0.1884	0.2046	0.1905
	FIRE	0.1792	0.1649	0.199	0.1721
	LE	0.1589	0.1938	0.1396	0.1486
Not applicable	ALL	0.0242	0.0213	0.0273	0.0237
	ECC	0.0141	0.0043	0.0244	0.013
	EM	0.0232	0.0218	0.0325	0.0142
	EMS	0.0242	0.0274	0.0264	0.0183
	FIRE	0.0222	0.0232	0.0249	0.0178
	LE	0.036	0.0349	0.0357	0.0372



Q19\_02) Select the extent to which excessive planned downtime has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.2797	0.2704	0.2837	0.2859
	ECC	0.2831	0.2393	0.3049	0.3043
	EM	0.2312	0.2336	0.2154	0.2464
	EMS	0.2624	0.2414	0.2848	0.2601
	FIRE	0.276	0.2642	0.2868	0.2768
	LE	0.2762	0.2588	0.2769	0.2905
Little extent	ALL	0.4006	0.3824	0.3899	0.4348
	ECC	0.4	0.3974	0.3699	0.4348
	EM	0.4213	0.4015	0.4106	0.4597
	EMS	0.4277	0.4172	0.3907	0.4799
	FIRE	0.4185	0.3938	0.3965	0.4732
	LE	0.4103	0.3569	0.4169	0.4493
Some extent	ALL	0.1964	0.2161	0.2026	0.166
	ECC	0.2254	0.2521	0.2276	0.1957
	EM	0.2189	0.2117	0.2439	0.1991
	EMS	0.1803	0.2069	0.1722	0.1612
	FIRE	0.1843	0.2176	0.182	0.1488
	LE	0.1888	0.251	0.1824	0.1419
Great Extent	ALL	0.0669	0.0724	0.0624	0.0659
	ECC	0.0521	0.0769	0.0447	0.0348
	EM	0.0793	0.1022	0.065	0.0664
	EMS	0.0717	0.069	0.0861	0.0586
	FIRE	0.0677	0.0622	0.0748	0.0655
	LE	0.0583	0.0627	0.0456	0.0676
Not applicable	ALL	0.0563	0.0588	0.0613	0.0474
	ECC	0.0394	0.0342	0.0528	0.0304
	EM	0.0492	0.0511	0.065	0.0284
	EMS	0.0578	0.0655	0.0662	0.0403
	FIRE	0.0534	0.0622	0.0599	0.0357
	LE	0.0664	0.0706	0.0782	0.0507

Q19\_03) Select the extent to which frequency interference has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	<b>0.3011</b>	0.2398	0.3143	0.3566
	ECC	0.3037	0.2026	0.3496	0.3565
	EM	0.2836	0.2153	0.3074	0.3443
	EMS	0.2839	0.2076	0.2691	0.381
	FIRE	0.2906	0.2266	0.291	0.3631
	LE	0.3461	0.2529	0.3604	0.4122
Little extent	ALL	<b>0.35</b>	0.3462	0.3395	0.3671
	ECC	0.3912	0.4009	0.3862	0.387
	EM	0.3644	0.3613	0.3484	0.3868
	EMS	0.3418	0.3391	0.3389	0.348
	FIRE	0.3396	0.3073	0.3557	0.3571
	LE	0.3345	0.3385	0.3377	0.3277
Some extent	ALL	<b>0.2163</b>	0.2647	0.2223	0.1526
	ECC	0.1977	0.2629	0.1667	0.1652
	EM	0.2219	0.2482	0.2295	0.1792
	EMS	0.226	0.2734	0.2525	0.1465
	FIRE	0.2291	0.3047	0.2189	0.1548
	LE	0.187	0.2374	0.1851	0.1453
Great Extent	ALL	<b>0.0868</b>	0.0984	0.0821	0.0789
	ECC	0.0791	0.1164	0.065	0.0565
	EM	0.0781	0.1058	0.0697	0.0519
	EMS	0.1078	0.1315	0.103	0.0879
	FIRE	0.1052	0.1172	0.1045	0.0923
	LE	0.0836	0.1167	0.0747	0.0642
Not applicable	ALL	<b>0.0458</b>	0.0509	0.0416	0.0447
	ECC	0.0282	0.0172	0.0325	0.0348
	EM	0.0521	0.0693	0.0451	0.0377
	EMS	0.0406	0.0484	0.0365	0.0366
	FIRE	0.0357	0.0443	0.0299	0.0327
	LE	0.0488	0.0545	0.0422	0.0507

Q19\_04) Select the extent to which system congestion (e.g., limited spectrum capacity, insufficient frequencies) has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.309	0.2746	0.3048	0.3539
	ECC	0.3963	0.3519	0.4106	0.4261
	EM	0.2908	0.2711	0.3074	0.2972
	EMS	0.2864	0.274	0.2824	0.304
	FIRE	0.2782	0.268	0.2693	0.3006
	LE	0.3814	0.3281	0.3604	0.4493
Little extent	ALL	0.3258	0.3073	0.3454	0.3237
	ECC	0.3047	0.2918	0.3049	0.3174
	EM	0.3237	0.3004	0.3156	0.3632
	EMS	0.3072	0.2637	0.3023	0.359
	FIRE	0.3156	0.2732	0.3342	0.3423
	LE	0.3093	0.2812	0.3442	0.2973
Some extent	ALL	0.2131	0.2339	0.2116	0.1908
	ECC	0.1763	0.1803	0.1951	0.1522
	EM	0.2387	0.2381	0.2377	0.2406
	EMS	0.2367	0.2432	0.2658	0.1978
	FIRE	0.2293	0.2474	0.2294	0.2083
	LE	0.1721	0.207	0.1721	0.1419
Great Extent	ALL	0.0974	0.1232	0.0899	0.0763
	ECC	0.0748	0.1245	0.0447	0.0565
	EM	0.0878	0.1172	0.0779	0.0613
	EMS	0.1189	0.1473	0.1063	0.1026
	FIRE	0.1324	0.1521	0.1297	0.1131
	LE	0.0698	0.1094	0.0584	0.0473
Not applicable	ALL	0.0548	0.061	0.0482	0.0553
	ECC	0.048	0.0515	0.0447	0.0478
	EM	0.059	0.0733	0.0615	0.0377
	EMS	0.0508	0.0719	0.0432	0.0366
	FIRE	0.0444	0.0593	0.0374	0.0357
	LE	0.0674	0.0742	0.0649	0.0642

Q19\_05) Select the extent to which cybersecurity disruption or breach has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.5649	0.5708	0.5694	0.5528
	ECC	0.6014	0.594	0.6016	0.6087
	EM	0.52	0.5568	0.5041	0.4905
	EMS	0.5771	0.5793	0.5833	0.5678
	FIRE	0.5834	0.5829	0.5725	0.597
	LE	0.5793	0.5765	0.5831	0.5777
Little extent	ALL	0.2166	0.1948	0.2093	0.2507
	ECC	0.2282	0.2179	0.2276	0.2391
	EM	0.2662	0.2381	0.2686	0.3
	EMS	0.2121	0.2	0.2	0.2381
	FIRE	0.1927	0.158	0.195	0.2299
	LE	0.2121	0.1882	0.2085	0.2365
Some extent	ALL	0.0789	0.0804	0.0716	0.0858
	ECC	0.0634	0.0812	0.0366	0.0739
	EM	0.0952	0.0879	0.095	0.1048
	EMS	0.0626	0.069	0.0567	0.0623
	FIRE	0.0624	0.0751	0.0575	0.0537
	LE	0.0793	0.0863	0.0684	0.0845
Great Extent	ALL	0.0451	0.0351	0.0584	0.0409
	ECC	0.0507	0.0427	0.0691	0.0391
	EM	0.0538	0.0476	0.0537	0.0619
	EMS	0.051	0.0414	0.0567	0.0549
	FIRE	0.041	0.0311	0.0475	0.0448
	LE	0.0478	0.0392	0.0619	0.0405
Not applicable	ALL	0.0945	0.1189	0.0914	0.0699
	ECC	0.0563	0.0641	0.065	0.0391
	EM	0.0648	0.0696	0.0785	0.0429
	EMS	0.0973	0.1103	0.1033	0.0769
	FIRE	0.1204	0.1528	0.1275	0.0746
	LE	0.0816	0.1098	0.0782	0.0608

Q19\_06) Select the extent to which poor in-building coverage has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	<b>0.0916</b>	0.0858	0.0867	0.1042
	ECC	0.107	0.1068	0.0894	0.1261
	EM	0.0784	0.0766	0.0615	0.1005
	EMS	0.0765	0.0687	0.0633	0.0993
	FIRE	0.0766	0.0596	0.0748	0.0985
	LE	0.1176	0.0973	0.1303	0.122
Little extent	ALL	<b>0.2356</b>	0.193	0.2228	0.3008
	ECC	0.2479	0.1752	0.2642	0.3043
	EM	0.227	0.2044	0.1967	0.2919
	EMS	0.2375	0.189	0.2367	0.2904
	FIRE	0.2264	0.1658	0.2319	0.2896
	LE	0.2573	0.2023	0.241	0.322
Some extent	ALL	<b>0.3566</b>	0.333	0.3765	0.3602
	ECC	0.4056	0.3932	0.4309	0.3913
	EM	0.3535	0.3066	0.4139	0.3445
	EMS	0.3511	0.3299	0.3767	0.3456
	FIRE	0.3503	0.3394	0.3641	0.3463
	LE	0.3714	0.3658	0.3941	0.3525
Great Extent	ALL	<b>0.2888</b>	0.3521	0.2887	0.215
	ECC	0.2225	0.3077	0.1911	0.1696
	EM	0.3177	0.3796	0.3115	0.244
	EMS	0.3082	0.3677	0.3	0.2537
	FIRE	0.3235	0.3964	0.3092	0.2567
	LE	0.2212	0.2957	0.2052	0.1729
Not applicable	ALL	<b>0.0274</b>	0.0361	0.0252	0.0198
	ECC	0.0169	0.0171	0.0244	0.0087
	EM	0.0234	0.0328	0.0164	0.0191
	EMS	0.0267	0.0447	0.0233	0.011
	FIRE	0.0232	0.0389	0.02	0.009
	LE	0.0326	0.0389	0.0293	0.0305

Q19\_07) Select the extent to which poor outdoors coverage has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.1418	0.0823	0.1313	0.224
	ECC	0.162	0.094	0.1382	0.2565
	EM	0.1319	0.0766	0.1189	0.219
	EMS	0.1522	0.089	0.1126	0.2637
	FIRE	0.1439	0.0696	0.1194	0.2589
	LE	0.1828	0.1172	0.1851	0.2373
Little extent	ALL	0.307	0.2198	0.3162	0.3979
	ECC	0.331	0.2051	0.3577	0.4304
	EM	0.2912	0.2044	0.3074	0.3857
	EMS	0.2884	0.2021	0.3146	0.3516
	FIRE	0.2966	0.2036	0.3284	0.3661
	LE	0.3341	0.2148	0.3442	0.4271
Some extent	ALL	0.3098	0.3585	0.3326	0.2253
	ECC	0.3085	0.3846	0.3293	0.2087
	EM	0.3104	0.3431	0.3238	0.2524
	EMS	0.293	0.3288	0.3212	0.2234
	FIRE	0.2975	0.3402	0.3134	0.2292
	LE	0.2724	0.3359	0.289	0.2
Great Extent	ALL	0.2137	0.3112	0.1958	0.1212
	ECC	0.1761	0.2991	0.1504	0.0783
	EM	0.2363	0.3394	0.2254	0.1143
	EMS	0.2468	0.3527	0.2351	0.1465
	FIRE	0.2442	0.3608	0.2239	0.1339
	LE	0.1676	0.2891	0.1429	0.0881
Not applicable	ALL	0.0277	0.0282	0.0241	0.0316
	ECC	0.0225	0.0171	0.0244	0.0261
	EM	0.0302	0.0365	0.0246	0.0286
	EMS	0.0196	0.0274	0.0166	0.0147
	FIRE	0.0178	0.0258	0.0149	0.0119
	LE	0.0431	0.043	0.039	0.0475

Q19\_08) Select the extent to which poor subscriber unit quality has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.3677	0.2951	0.3664	0.4542
	ECC	0.3609	0.2747	0.3388	0.4735
	EM	0.3384	0.2857	0.3402	0.4048
	EMS	0.3624	0.2699	0.3579	0.4652
	FIRE	0.3676	0.2753	0.3709	0.4701
	LE	0.4108	0.3451	0.4178	0.4608
Little extent	ALL	0.2583	0.2406	0.2605	0.2762
	ECC	0.2639	0.2661	0.2686	0.2566
	EM	0.2779	0.2344	0.2828	0.3286
	EMS	0.2497	0.2526	0.2241	0.2747
	FIRE	0.2549	0.2286	0.2531	0.2874
	LE	0.2441	0.1961	0.2599	0.2696
Some extent	ALL	0.1587	0.1862	0.1623	0.1222
	ECC	0.1869	0.206	0.2066	0.146
	EM	0.1857	0.1905	0.2049	0.1571
	EMS	0.1603	0.1938	0.1806	0.1026
	FIRE	0.1413	0.1714	0.1454	0.1018
	LE	0.1467	0.2	0.1283	0.1195
Great Extent	ALL	0.0697	0.101	0.0684	0.0345
	ECC	0.0728	0.1159	0.0661	0.0354
	EM	0.0757	0.1099	0.0656	0.0429
	EMS	0.0685	0.09	0.0736	0.0403
	FIRE	0.0742	0.1091	0.0702	0.0389
	LE	0.0552	0.098	0.0428	0.0307
Not applicable	ALL	0.1457	0.1771	0.1424	0.1129
	ECC	0.1155	0.1373	0.1198	0.0885
	EM	0.1224	0.1795	0.1066	0.0667
	EMS	0.1591	0.1938	0.1639	0.1172
	FIRE	0.1619	0.2156	0.1604	0.1018
	LE	0.1432	0.1608	0.1513	0.1195

Q19\_09) Select the extent to which insufficient site hardening has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.4253	0.3724	0.4229	0.49
	ECC	0.4565	0.4095	0.4339	0.5286
	EM	0.3817	0.359	0.3636	0.4327
	EMS	0.4084	0.3287	0.4189	0.4816
	FIRE	0.4119	0.3359	0.404	0.509
	LE	0.4688	0.3992	0.4752	0.5222
Little extent	ALL	0.215	0.1822	0.2198	0.2477
	ECC	0.2111	0.1724	0.2397	0.2203
	EM	0.2669	0.2308	0.2893	0.2885
	EMS	0.21	0.2111	0.1926	0.2279
	FIRE	0.2149	0.1927	0.2045	0.253
	LE	0.2097	0.2016	0.198	0.2287
Some extent	ALL	0.1206	0.1367	0.1232	0.0985
	ECC	0.1384	0.1509	0.1529	0.1101
	EM	0.1466	0.1502	0.1405	0.149
	EMS	0.1109	0.1107	0.1182	0.1029
	FIRE	0.0953	0.1094	0.1035	0.0693
	LE	0.1166	0.1462	0.1188	0.0887
Great Extent	ALL	0.0605	0.0718	0.0666	0.0399
	ECC	0.0556	0.0819	0.0496	0.0352
	EM	0.0761	0.0659	0.095	0.0673
	EMS	0.0758	0.083	0.0946	0.0478
	FIRE	0.0728	0.0807	0.0808	0.0542
	LE	0.0436	0.0553	0.0495	0.0273
Not applicable	ALL	0.1787	0.2369	0.1676	0.1238
	ECC	0.1384	0.1853	0.124	0.1057
	EM	0.1286	0.1941	0.1116	0.0625
	EMS	0.1949	0.2664	0.1757	0.1397
	FIRE	0.205	0.2812	0.2071	0.1145
	LE	0.1614	0.1976	0.1584	0.1331



Q19\_10) Select the extent to which insufficient system/equipment redundancy has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.3232	0.267	0.3223	0.3899
	ECC	0.3277	0.2575	0.3457	0.3799
	EM	0.2792	0.2263	0.2705	0.3589
	EMS	0.3097	0.2215	0.3367	0.3736
	FIRE	0.3205	0.2507	0.3266	0.3934
	LE	0.3829	0.3137	0.3882	0.4373
Little extent	ALL	0.2906	0.2693	0.2881	0.3183
	ECC	0.3106	0.3176	0.2881	0.3275
	EM	0.3109	0.2993	0.3115	0.3254
	EMS	0.2875	0.2664	0.2795	0.3187
	FIRE	0.281	0.2689	0.2714	0.3063
	LE	0.2845	0.2588	0.2763	0.3153
Some extent	ALL	0.1909	0.2273	0.1843	0.1565
	ECC	0.183	0.2103	0.1934	0.1441
	EM	0.227	0.2628	0.2254	0.1818
	EMS	0.1804	0.2284	0.1549	0.1575
	FIRE	0.1795	0.2141	0.1633	0.1592
	LE	0.1499	0.2	0.148	0.1085
Great Extent	ALL	0.1043	0.1148	0.1214	0.0716
	ECC	0.1092	0.1159	0.1235	0.0873
	EM	0.1169	0.1131	0.1352	0.1005
	EMS	0.1199	0.1246	0.1448	0.0879
	FIRE	0.1221	0.1149	0.1482	0.0991
	LE	0.0855	0.1059	0.0987	0.0542
Not applicable	ALL	0.0909	0.1216	0.0839	0.0637
	ECC	0.0695	0.0987	0.0494	0.0611
	EM	0.066	0.0985	0.0574	0.0335
	EMS	0.1024	0.1592	0.0842	0.0623
	FIRE	0.0969	0.1514	0.0905	0.042
	LE	0.0972	0.1216	0.0888	0.0847

Q19\_11) Select the extent to which insufficient route diversity has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.4027	0.3436	0.416	0.4558
	ECC	0.4083	0.3463	0.4256	0.4533
	EM	0.3624	0.337	0.3678	0.3894
	EMS	0.3731	0.3021	0.3919	0.428
	FIRE	0.3921	0.3026	0.4081	0.4758
	LE	0.4633	0.3874	0.4933	0.4983
Little extent	ALL	0.2319	0.2176	0.2169	0.2668
	ECC	0.2636	0.2597	0.2355	0.2978
	EM	0.2669	0.2344	0.2521	0.3269
	EMS	0.2363	0.2257	0.2196	0.2657
	FIRE	0.224	0.2158	0.2091	0.2515
	LE	0.2038	0.1779	0.18	0.2509
Some extent	ALL	0.1223	0.1363	0.1212	0.1072
	ECC	0.1289	0.1472	0.1405	0.0978
	EM	0.1535	0.1648	0.157	0.1346
	EMS	0.1123	0.1285	0.1047	0.1033
	FIRE	0.1039	0.1184	0.0957	0.097
	LE	0.1173	0.166	0.11	0.0825
Great Extent	ALL	0.062	0.0733	0.0734	0.0349
	ECC	0.0759	0.0866	0.0909	0.0489
	EM	0.0705	0.0733	0.0826	0.0529
	EMS	0.0725	0.0868	0.0878	0.0406
	FIRE	0.0696	0.0842	0.0756	0.0455
	LE	0.0498	0.0632	0.0633	0.0241
Not applicable	ALL	0.1811	0.2291	0.1724	0.1354
	ECC	0.1232	0.1602	0.1074	0.1022
	EM	0.1466	0.1905	0.1405	0.0962
	EMS	0.2058	0.2569	0.1959	0.1624
	FIRE	0.2105	0.2789	0.2116	0.1303
	LE	0.1659	0.2055	0.1533	0.1443

Q19\_12) Select the extent to which insufficient wireless voice application interoperability has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.3451	0.2643	0.3597	0.4219
	ECC	0.3614	0.2944	0.343	0.4493
	EM	0.314	0.2454	0.3182	0.399
	EMS	0.3123	0.2431	0.3051	0.3934
	FIRE	0.3336	0.2546	0.3325	0.426
	LE	0.4237	0.3399	0.44	0.4795
Little extent	ALL	0.2479	0.2368	0.2339	0.2777
	ECC	0.2543	0.2338	0.2769	0.2511
	EM	0.2863	0.293	0.2645	0.3029
	EMS	0.2632	0.2465	0.2441	0.3015
	FIRE	0.2435	0.2178	0.2166	0.3051
	LE	0.2189	0.1621	0.2167	0.2705
Some extent	ALL	0.1571	0.1854	0.157	0.1242
	ECC	0.1629	0.2121	0.1694	0.1057
	EM	0.1729	0.1832	0.1901	0.1394
	EMS	0.1392	0.1493	0.1458	0.1213
	FIRE	0.1416	0.1732	0.136	0.1118
	LE	0.129	0.1779	0.1367	0.0788
Great Extent	ALL	0.0777	0.1076	0.0724	0.0494
	ECC	0.0686	0.0823	0.0537	0.0705
	EM	0.0927	0.1172	0.0785	0.0769
	EMS	0.0854	0.1146	0.0847	0.0551
	FIRE	0.0893	0.1129	0.0932	0.0574
	LE	0.0592	0.0988	0.0533	0.0308
Not applicable	ALL	0.1722	0.2059	0.1771	0.1268
	ECC	0.1529	0.1775	0.157	0.1233
	EM	0.1342	0.1612	0.1488	0.0817
	EMS	0.2	0.2465	0.2203	0.1287
	FIRE	0.1921	0.2415	0.2217	0.0997
	LE	0.1692	0.2213	0.1533	0.1404

Q19\_13) Select the extent to which insufficient wireless data application interoperability has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.3458	0.2757	0.3549	0.4169
	ECC	0.3635	0.3087	0.3375	0.4469
	EM	0.3071	0.2454	0.314	0.3798
	EMS	0.3251	0.2718	0.3038	0.4044
	FIRE	0.3415	0.2816	0.3316	0.4225
	LE	0.4109	0.332	0.4262	0.4639
Little extent	ALL	0.2488	0.2231	0.2511	0.2761
	ECC	0.2514	0.2261	0.2792	0.2478
	EM	0.2918	0.2967	0.2727	0.3077
	EMS	0.2547	0.1916	0.2833	0.2904
	FIRE	0.2355	0.1921	0.2278	0.2948
	LE	0.228	0.166	0.2349	0.2749
Some extent	ALL	0.1514	0.1785	0.1429	0.13
	ECC	0.158	0.1957	0.1583	0.1195
	EM	0.1687	0.1612	0.1777	0.1683
	EMS	0.1408	0.1638	0.1297	0.1287
	FIRE	0.1386	0.1711	0.1241	0.1185
	LE	0.1378	0.1897	0.1275	0.1031
Great Extent	ALL	0.0839	0.1087	0.0837	0.055
	ECC	0.0819	0.0913	0.0833	0.0708
	EM	0.0996	0.1209	0.1074	0.0625
	EMS	0.0939	0.1254	0.0956	0.0588
	FIRE	0.0906	0.1026	0.0987	0.0669
	LE	0.0594	0.0949	0.0604	0.0275
Not applicable	ALL	0.1701	0.214	0.1674	0.122
	ECC	0.1451	0.1783	0.1417	0.115
	EM	0.1328	0.1758	0.1281	0.0817
	EMS	0.1854	0.2474	0.1877	0.1176
	FIRE	0.1938	0.2526	0.2177	0.0973
	LE	0.1639	0.2174	0.151	0.1306

Q19\_14) Select the extent to which deferred maintenance has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.3448	0.303	0.3586	0.3775
	ECC	0.36	0.2845	0.3817	0.4141
	EM	0.3283	0.2993	0.3374	0.3558
	EMS	0.3345	0.2872	0.3367	0.3824
	FIRE	0.3376	0.2932	0.3325	0.3951
	LE	0.3932	0.3216	0.4333	0.4144
Little extent	ALL	0.279	0.2528	0.2895	0.2972
	ECC	0.29	0.2931	0.2988	0.2775
	EM	0.291	0.292	0.2922	0.2885
	EMS	0.2678	0.2561	0.2653	0.2831
	FIRE	0.2724	0.2356	0.2919	0.2918
	LE	0.2562	0.2431	0.2367	0.2877
Some extent	ALL	0.1629	0.197	0.147	0.1419
	ECC	0.1643	0.2112	0.1452	0.1366
	EM	0.1834	0.1788	0.2016	0.1683
	EMS	0.1532	0.1799	0.1497	0.1287
	FIRE	0.1557	0.2042	0.1396	0.1185
	LE	0.1417	0.1843	0.1267	0.1199
Great Extent	ALL	0.0868	0.0945	0.0802	0.0857
	ECC	0.0729	0.0647	0.0622	0.0925
	EM	0.1048	0.1241	0.0741	0.1154
	EMS	0.0982	0.1003	0.0952	0.0993
	FIRE	0.0968	0.0942	0.0863	0.1125
	LE	0.0767	0.0941	0.07	0.0685
Not applicable	ALL	0.1264	0.1526	0.1247	0.0977
	ECC	0.1129	0.1466	0.112	0.0793
	EM	0.0924	0.1058	0.0947	0.0721
	EMS	0.1462	0.1765	0.1531	0.1066
	FIRE	0.1376	0.1728	0.1497	0.0821
	LE	0.1322	0.1569	0.1333	0.1096

Q19\_15) Select the extent to which deferred capital expenditures has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.2899	0.2529	0.2954	0.3266
	ECC	0.3185	0.2664	0.3278	0.3612
	EM	0.2462	0.2169	0.2428	0.2885
	EMS	0.2556	0.2125	0.2517	0.3051
	FIRE	0.2724	0.233	0.2665	0.3252
	LE	0.3586	0.3189	0.3679	0.3836
Little extent	ALL	0.2307	0.1991	0.2441	0.2517
	ECC	0.2511	0.2227	0.278	0.2511
	EM	0.2614	0.2243	0.2798	0.2885
	EMS	0.2204	0.1986	0.2177	0.2463
	FIRE	0.2163	0.1728	0.2284	0.2523
	LE	0.2213	0.1772	0.2375	0.2432
Some extent	ALL	0.1986	0.2162	0.1884	0.1901
	ECC	0.1994	0.2445	0.1743	0.1806
	EM	0.231	0.2426	0.2551	0.1875
	EMS	0.2005	0.1951	0.2075	0.1985
	FIRE	0.1882	0.2094	0.1777	0.1763
	LE	0.1562	0.2047	0.1237	0.1473
Great Extent	ALL	0.1525	0.1739	0.1472	0.1339
	ECC	0.1119	0.1179	0.1079	0.1101
	EM	0.1618	0.1949	0.1358	0.149
	EMS	0.1794	0.2056	0.1769	0.1544
	FIRE	0.1846	0.2147	0.1726	0.1641
	LE	0.116	0.126	0.1237	0.0993
Not applicable	ALL	0.1283	0.1579	0.1249	0.0977
	ECC	0.1191	0.1485	0.112	0.0969
	EM	0.0996	0.1213	0.0864	0.0865
	EMS	0.1442	0.1882	0.1463	0.0956
	FIRE	0.1385	0.1702	0.1548	0.0821
	LE	0.1479	0.1732	0.1472	0.1267

Q19\_16) Select the extent to which diminished service due to adding users from beyond our organization has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.4954	0.4326	0.5262	0.5321
	ECC	0.5393	0.4805	0.5602	0.5771
	EM	0.4924	0.4615	0.4835	0.5433
	EMS	0.4789	0.3854	0.5238	0.5294
	FIRE	0.4769	0.3953	0.5038	0.5394
	LE	0.5389	0.4627	0.5867	0.5563
Little extent	ALL	0.1979	0.1872	0.1895	0.2206
	ECC	0.1931	0.1948	0.1867	0.1982
	EM	0.2351	0.2198	0.2479	0.2404
	EMS	0.1956	0.2153	0.1667	0.2059
	FIRE	0.2018	0.1832	0.1959	0.2303
	LE	0.171	0.1647	0.13	0.2184
Some extent	ALL	0.092	0.1107	0.0914	0.0709
	ECC	0.0815	0.0996	0.0788	0.0661
	EM	0.0954	0.0952	0.1116	0.0769
	EMS	0.0761	0.1007	0.0782	0.0478
	FIRE	0.0778	0.1099	0.0636	0.0576
	LE	0.0837	0.1176	0.0767	0.0614
Great Extent	ALL	0.0381	0.0422	0.0357	0.0361
	ECC	0.0315	0.0216	0.0373	0.0352
	EM	0.0373	0.0403	0.0372	0.0337
	EMS	0.0422	0.0382	0.0476	0.0404
	FIRE	0.0498	0.0576	0.0458	0.0455
	LE	0.0342	0.0392	0.0333	0.0307
Not applicable	ALL	0.1765	0.2272	0.1572	0.1404
	ECC	0.1545	0.2035	0.1369	0.1233
	EM	0.1397	0.1832	0.1198	0.1058
	EMS	0.2073	0.2604	0.1837	0.1765
	FIRE	0.1937	0.2539	0.1908	0.1273
	LE	0.1722	0.2157	0.1733	0.1331

Q19\_17) Select the extent to which system/equipment failure beyond the ownership or control of our organization has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.3164	0.2811	0.3222	0.3507
	ECC	0.31	0.2739	0.3306	0.3246
	EM	0.3062	0.2967	0.2757	0.3541
	EMS	0.2974	0.2787	0.2653	0.3516
	FIRE	0.3177	0.2677	0.3215	0.3705
	LE	0.3667	0.311	0.4033	0.3776
Little extent	ALL	0.3057	0.2766	0.32	0.3227
	ECC	0.3486	0.3043	0.3802	0.3596
	EM	0.32	0.2601	0.3745	0.3349
	EMS	0.2986	0.2578	0.3197	0.3187
	FIRE	0.2888	0.273	0.2962	0.2982
	LE	0.2901	0.248	0.29	0.3265
Some extent	ALL	0.1731	0.2	0.16	0.1573
	ECC	0.1671	0.2391	0.1405	0.1228
	EM	0.1807	0.2051	0.177	0.1531
	EMS	0.1581	0.1603	0.1735	0.1392
	FIRE	0.1688	0.1837	0.157	0.1657
	LE	0.1604	0.2362	0.1267	0.1293
Great Extent	ALL	0.0986	0.104	0.1022	0.088
	ECC	0.0857	0.0609	0.0785	0.1184
	EM	0.1117	0.1172	0.1111	0.1053
	EMS	0.1276	0.1289	0.1361	0.1172
	FIRE	0.1155	0.1234	0.119	0.1024
	LE	0.0731	0.0748	0.07	0.0748
Not applicable	ALL	0.1061	0.1383	0.0956	0.0813
	ECC	0.0886	0.1217	0.0702	0.0746
	EM	0.0814	0.1209	0.0617	0.0526
	EMS	0.1183	0.1742	0.1054	0.0733
	FIRE	0.1092	0.1522	0.1063	0.0633
	LE	0.1097	0.1299	0.11	0.0918



Q19\_18) Select the extent to which incompatibility of proprietary systems, modes, and algorithms has impacted your organization's ability to communicate. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
None	ALL	0.3874	0.3624	0.3991	0.4027
	ECC	0.4072	0.3668	0.4481	0.4044
	EM	0.3389	0.3235	0.343	0.3544
	EMS	0.3685	0.3449	0.372	0.3897
	FIRE	0.3889	0.3648	0.3868	0.4195
	LE	0.4397	0.4032	0.4618	0.4486
Little extent	ALL	0.2466	0.2122	0.2631	0.2671
	ECC	0.2705	0.2838	0.2656	0.2622
	EM	0.3042	0.2721	0.3264	0.3204
	EMS	0.2371	0.2056	0.2594	0.2463
	FIRE	0.2321	0.189	0.257	0.2523
	LE	0.2258	0.2055	0.2126	0.2568
Some extent	ALL	0.1348	0.1388	0.1293	0.1369
	ECC	0.1223	0.1223	0.1286	0.1156
	EM	0.1528	0.1618	0.1364	0.1602
	EMS	0.1326	0.1289	0.1297	0.1397
	FIRE	0.1224	0.1207	0.112	0.1368
	LE	0.1241	0.1344	0.1229	0.1164
Great Extent	ALL	0.0728	0.0837	0.0713	0.0617
	ECC	0.0576	0.0611	0.0415	0.0711
	EM	0.0736	0.0735	0.0785	0.068
	EMS	0.0845	0.0836	0.099	0.0699
	FIRE	0.0843	0.0997	0.0814	0.0699
	LE	0.0579	0.0672	0.0532	0.0548
Not applicable	ALL	0.1583	0.203	0.1371	0.1315
	ECC	0.1424	0.1659	0.1162	0.1467
	EM	0.1306	0.1691	0.1157	0.0971
	EMS	0.1772	0.2369	0.1399	0.1544
	FIRE	0.1723	0.2257	0.1628	0.1216
	LE	0.1525	0.1897	0.1495	0.1233

Q20\_1) Does your organization have the appropriate infrastructure, systems, equipment, and facilities to continue to communicate (i.e., achieve continuity of communications) for day-to-day situations. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Strongly agree	ALL	0.2439	0.1637	0.2541	0.3255
	ECC	0.346	0.2479	0.3821	0.4069
	EM	0.2384	0.1345	0.2724	0.3333
	EMS	0.2177	0.1399	0.2126	0.3066
	FIRE	0.2204	0.1517	0.2148	0.3065
	LE	0.28	0.1776	0.2958	0.3523
Agree	ALL	0.4804	0.4966	0.4788	0.4633
	ECC	0.4655	0.5342	0.4146	0.4502
	EM	0.4864	0.5127	0.4675	0.4742
	EMS	0.4747	0.5017	0.4751	0.4453
	FIRE	0.4637	0.5039	0.4494	0.4345
	LE	0.4896	0.5251	0.4823	0.4664
Neutral	ALL	0.1449	0.1816	0.1401	0.1076
	ECC	0.1055	0.141	0.0894	0.0866
	EM	0.154	0.2073	0.1341	0.108
	EMS	0.159	0.1945	0.1595	0.1204
	FIRE	0.1637	0.1748	0.1926	0.1161
	LE	0.1175	0.1815	0.0804	0.1007
Disagree	ALL	0.0804	0.0942	0.0771	0.0682
	ECC	0.0549	0.047	0.0691	0.0476
	EM	0.0817	0.1091	0.061	0.0704
	EMS	0.0899	0.099	0.0864	0.0839
	FIRE	0.0885	0.0925	0.084	0.0893
	LE	0.0634	0.0541	0.0804	0.0537
Strongly disagree	ALL	0.0505	0.0639	0.0499	0.0354
	ECC	0.0281	0.0299	0.0447	0.0087
	EM	0.0395	0.0364	0.065	0.0141
	EMS	0.0588	0.0648	0.0664	0.0438
	FIRE	0.0637	0.0771	0.0593	0.0536
	LE	0.0495	0.0618	0.0611	0.0268

Q20\_2) Does your organization have the appropriate infrastructure, systems, equipment, and facilities to continue to communicate (i.e., achieve continuity of communications) for out-of-the-ordinary situations. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Strongly agree	ALL	<b>0.1188</b>	0.0841	0.1183	0.1601
	ECC	0.166	0.1111	0.1951	0.1905
	EM	0.1144	0.0727	0.1341	0.1455
	EMS	0.1129	0.0853	0.103	0.1533
	FIRE	0.1097	0.0797	0.0988	0.1577
	LE	0.1452	0.1081	0.1383	0.1846
Agree	ALL	<b>0.3647</b>	0.3206	0.3648	0.416
	ECC	0.4149	0.4103	0.3984	0.4372
	EM	0.3678	0.3091	0.3577	0.4554
	EMS	0.3203	0.2799	0.3123	0.3723
	FIRE	0.3292	0.3033	0.3309	0.3571
	LE	0.4205	0.3977	0.4116	0.4497
Neutral	ALL	<b>0.2419</b>	0.2668	0.2345	0.2218
	ECC	0.2039	0.2308	0.1667	0.2165
	EM	0.2466	0.2945	0.2317	0.2019
	EMS	0.2673	0.2799	0.2824	0.2372
	FIRE	0.246	0.2648	0.237	0.2351
	LE	0.2235	0.251	0.1929	0.2315
Disagree	ALL	<b>0.167</b>	0.1917	0.1737	0.1299
	ECC	0.1477	0.1538	0.1545	0.1342
	EM	0.1717	0.2218	0.1463	0.1362
	EMS	0.1774	0.2184	0.1728	0.1387
	FIRE	0.1779	0.1928	0.1951	0.1399
	LE	0.1336	0.1429	0.1608	0.0973
Strongly disagree	ALL	<b>0.1076</b>	0.1368	0.1086	0.0722
	ECC	0.0675	0.094	0.0854	0.0216
	EM	0.0995	0.1018	0.1301	0.061
	EMS	0.1221	0.1365	0.1296	0.0985
	FIRE	0.1372	0.1594	0.1383	0.1101
	LE	0.0772	0.1004	0.0965	0.0369

Q21\_1) Does your organization have the appropriate fixed, portable, mobile, deployable, and/or temporary solutions to support interoperability for day-to-day situations. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Strongly agree	ALL	0.1854	0.1225	0.1919	0.2513
	ECC	0.2652	0.1923	0.2857	0.3174
	EM	0.179	0.1058	0.1918	0.2582
	EMS	0.1742	0.0956	0.17	0.2628
	FIRE	0.1718	0.0925	0.1658	0.2708
	LE	0.2225	0.1473	0.2395	0.2703
Agree	ALL	0.4659	0.4472	0.4831	0.4671
	ECC	0.4753	0.4786	0.4612	0.487
	EM	0.4781	0.4307	0.5347	0.4742
	EMS	0.4394	0.4096	0.4833	0.4234
	FIRE	0.4438	0.4396	0.4579	0.4315
	LE	0.4658	0.469	0.4304	0.5
Neutral	ALL	0.1702	0.1989	0.1581	0.1513
	ECC	0.1509	0.1923	0.1429	0.1174
	EM	0.1626	0.2007	0.1347	0.1455
	EMS	0.1869	0.2389	0.1667	0.1533
	FIRE	0.1851	0.2185	0.1906	0.1399
	LE	0.1703	0.2132	0.1683	0.1351
Disagree	ALL	0.111	0.1416	0.1091	0.0776
	ECC	0.0663	0.0812	0.0694	0.0478
	EM	0.1216	0.1861	0.0898	0.0751
	EMS	0.1176	0.1672	0.1	0.0839
	FIRE	0.1205	0.1542	0.1114	0.0923
	LE	0.0811	0.0891	0.0971	0.0574
Strongly disagree	ALL	0.0674	0.0899	0.0578	0.0526
	ECC	0.0423	0.0556	0.0408	0.0304
	EM	0.0587	0.0766	0.049	0.0469
	EMS	0.0819	0.0887	0.08	0.0766
	FIRE	0.0788	0.0951	0.0743	0.0655
	LE	0.0603	0.0814	0.0647	0.0372

Q21\_2) Does your organization have the appropriate fixed, portable, mobile, deployable, and/or temporary solutions to support interoperability for out-of-the-ordinary situations. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Strongly agree	ALL	0.1044	0.0708	0.0983	0.1513
	ECC	0.1495	0.0983	0.151	0.2
	EM	0.1011	0.0547	0.102	0.1596
	EMS	0.0958	0.0614	0.0736	0.1569
	FIRE	0.0966	0.0617	0.0769	0.1607
	LE	0.1344	0.1085	0.1165	0.1757
Agree	ALL	0.3402	0.2933	0.3417	0.3934
	ECC	0.3752	0.3162	0.3959	0.413
	EM	0.3443	0.292	0.3551	0.3991
	EMS	0.3199	0.2594	0.3344	0.3686
	FIRE	0.3271	0.2751	0.3449	0.3661
	LE	0.3708	0.3411	0.3463	0.4223
Neutral	ALL	0.2369	0.2528	0.2303	0.2263
	ECC	0.2087	0.2564	0.1673	0.2043
	EM	0.2336	0.2409	0.2367	0.2207
	EMS	0.2436	0.2867	0.2308	0.2117
	FIRE	0.2385	0.2776	0.2258	0.2083
	LE	0.2352	0.2519	0.233	0.223
Disagree	ALL	0.2038	0.2258	0.2325	0.1434
	ECC	0.1848	0.2265	0.2041	0.1217
	EM	0.2104	0.2737	0.1959	0.1455
	EMS	0.2044	0.2218	0.2408	0.146
	FIRE	0.2012	0.2082	0.2308	0.1577
	LE	0.1657	0.1744	0.2104	0.1115
Strongly disagree	ALL	0.1146	0.1573	0.0972	0.0855
	ECC	0.0818	0.1026	0.0816	0.0609
	EM	0.1107	0.1387	0.1102	0.0751
	EMS	0.1363	0.1706	0.1204	0.1168
	FIRE	0.1365	0.1774	0.1216	0.1071
	LE	0.0939	0.124	0.0939	0.0676

Q22) Select the response that best characterizes how well your organization's communications systems meet its mission requirements. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Systems do not currently meet mission requirements	ALL	0.0571	0.0744	0.0581	0.0357
	ECC	0.0268	0.0299	0.0367	0.013
	EM	0.0603	0.0693	0.0571	0.0521
	EMS	0.067	0.0819	0.0702	0.0474
	FIRE	0.072	0.0902	0.0821	0.0388
	LE	0.0386	0.0508	0.0458	0.0204
Systems meet only basic mission requirements	ALL	0.2227	0.2785	0.2171	0.164
	ECC	0.1396	0.1795	0.1265	0.113
	EM	0.1986	0.2591	0.1918	0.128
	EMS	0.2309	0.2799	0.2308	0.1788
	FIRE	0.248	0.3015	0.2488	0.1851
	LE	0.1846	0.2578	0.183	0.1224
Systems meet mission requirements of day-to-day situations, but not out-of-the-ordinary situations	ALL	0.2873	0.3224	0.2785	0.2566
	ECC	0.2793	0.3462	0.2531	0.2391
	EM	0.311	0.3686	0.3143	0.2322
	EMS	0.3025	0.3379	0.3043	0.2628
	FIRE	0.2933	0.3093	0.2886	0.2806
	LE	0.2512	0.2891	0.232	0.2381
Systems meet all mission requirements of day-to-day and most out-of-the-ordinary situations	ALL	0.4329	0.3247	0.4463	0.5437
	ECC	0.5543	0.4444	0.5837	0.6348
	EM	0.4301	0.3029	0.4367	0.5877
	EMS	0.3995	0.3003	0.3946	0.5109
	FIRE	0.3867	0.299	0.3806	0.4955
	LE	0.5257	0.4023	0.5392	0.619

Q23) Has your organization engaged in cybersecurity planning and/or implementation? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.5874	0.4828	0.598	0.6959
	ECC	0.7969	0.7773	0.8182	0.7939
	EM	0.7058	0.631	0.7254	0.7799
	EMS	0.5259	0.3979	0.5495	0.6347
	FIRE	0.4578	0.3413	0.4619	0.5861
	LE	0.7324	0.6468	0.7294	0.8081
No	ALL	0.4126	0.5172	0.402	0.3041
	ECC	0.2031	0.2227	0.1818	0.2061
	EM	0.2942	0.369	0.2746	0.2201
	EMS	0.4741	0.6021	0.4505	0.3653
	FIRE	0.5422	0.6587	0.5381	0.4139
	LE	0.2676	0.3532	0.2706	0.1919

**Q23a) Select the cybersecurity planning measure your organization uses.** (SATA) Note: quantities are proportions of local respondents that selected "Yes" on Q23.

Answer Option	Discipline	All	Rural	Urban	Metro
Risk assessment (Q23a.a)	ALL	<b>0.8089</b>	0.7625	0.8158	0.8398
	ECC	0.8177	0.7966	0.8071	0.85
	EM	0.8521	0.8012	0.8701	0.8868
	EMS	0.8151	0.7788	0.8188	0.8364
	FIRE	0.7802	0.7364	0.7624	0.828
	LE	0.7823	0.7178	0.7982	0.8117
Incident response plans/policies (Q23a.b)	ALL	<b>0.6321</b>	0.5819	0.6353	0.6699
	ECC	0.6643	0.6215	0.6497	0.7222
	EM	0.6134	0.5439	0.6271	0.673
	EMS	0.621	0.5841	0.6188	0.6485
	FIRE	0.5806	0.5271	0.5856	0.6129
	LE	0.6806	0.6074	0.7202	0.6946
Vulnerability response plans/policies (Q23a.c)	ALL	<b>0.5522</b>	0.4822	0.5244	0.6387
	ECC	0.5722	0.4746	0.5533	0.6889
	EM	0.5779	0.4561	0.5876	0.6981
	EMS	0.5548	0.5398	0.5062	0.6121
	FIRE	0.5202	0.4651	0.4696	0.6075
	LE	0.5968	0.5644	0.555	0.6569
Coordination lead (e.g., incident manager) (Q23a.d)	ALL	<b>0.3816</b>	0.3302	0.3647	0.4414
	ECC	0.4007	0.3898	0.3807	0.4333
	EM	0.4181	0.3684	0.4237	0.4654
	EMS	0.363	0.3805	0.3312	0.3818
	FIRE	0.3468	0.3256	0.3425	0.3656
	LE	0.4258	0.3865	0.3991	0.477
Incident response team (IRT) (Q23a.e)	ALL	<b>0.2403</b>	0.2138	0.2068	0.2969
	ECC	0.2527	0.2203	0.2284	0.3111
	EM	0.2584	0.2222	0.2429	0.3145
	EMS	0.2534	0.2389	0.2313	0.2848
	FIRE	0.2419	0.1938	0.232	0.2849
	LE	0.2984	0.2761	0.2431	0.364
Integration of cyber threat intelligence (CTI) sources (Q23a.f)	ALL	<b>0.2805</b>	0.2138	0.2575	0.3594
	ECC	0.3285	0.2373	0.3503	0.3944
	EM	0.3037	0.2339	0.2881	0.3962
	EMS	0.2922	0.2212	0.2938	0.3394
	FIRE	0.2702	0.2171	0.2486	0.328
	LE	0.3032	0.2577	0.2706	0.364
Means for collecting digital forensics and other data or evidence (Q23a.g)	ALL	<b>0.243</b>	0.1663	0.2293	0.3203
	ECC	0.2924	0.209	0.2792	0.3889
	EM	0.2367	0.1637	0.2429	0.3082
	EMS	0.2237	0.1681	0.2125	0.2727
	FIRE	0.2177	0.1628	0.1934	0.2796
	LE	0.3016	0.2331	0.2615	0.3849



Agreement with another entity that provides cybersecurity services (e.g., commercial vendor, internal IT department or function)(Q23a.h)	ALL	<b>0.5358</b>	0.4988	0.5301	0.5723
	ECC	0.6047	0.5763	0.6345	0.6
	EM	0.5424	0.5146	0.5254	0.5912
	EMS	0.5114	0.4956	0.4688	0.5636
	FIRE	0.4839	0.4806	0.453	0.5161
	LE	0.5806	0.5276	0.6193	0.5816
Cybersecurity insurance (Q23a.i)	ALL	<b>0.2908</b>	0.2352	0.3083	0.3184
	ECC	0.3069	0.2429	0.335	0.3389
	EM	0.3018	0.2515	0.3277	0.327
	EMS	0.2945	0.2301	0.2938	0.3394
	FIRE	0.2661	0.186	0.2818	0.3065
	LE	0.2742	0.184	0.3028	0.3096
Recovery exercises (e.g., use of failover systems, backup recovery) (Q23a.j)	ALL	<b>0.3276</b>	0.2542	0.3195	0.3965
	ECC	0.3827	0.322	0.3909	0.4333
	EM	0.3254	0.2339	0.3333	0.4151
	EMS	0.3402	0.292	0.3188	0.3939
	FIRE	0.3085	0.2558	0.2873	0.3656
	LE	0.3694	0.2945	0.344	0.4435
None of the above (Q23a.k)	ALL	<b>0.0362</b>	0.0523	0.0301	0.0293
	ECC	0.0217	0.0226	0.0102	0.0333
	EM	0.0237	0.0292	0.0169	0.0252
	EMS	0.0388	0.0354	0.0437	0.0364
	FIRE	0.0524	0.0698	0.0552	0.0376
	LE	0.0323	0.0491	0.0229	0.0293

**Q23b) Select the cybersecurity planning measure your organization has implemented.** (SATA) Note: quantities are proportions of local respondents that selected "Yes" on Q23.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Single factor authentication (e.g., passwords) (Q23b.a)	ALL	<b>0.6167</b>	0.6722	0.6128	0.5761
	ECC	0.6679	0.7416	0.6566	0.6077
	EM	0.6267	0.6608	0.6158	0.6025
	EMS	0.6072	0.531	0.6415	0.6257
	FIRE	0.6	0.5591	0.6167	0.6114
	LE	0.59	0.6319	0.6027	0.55
Multi-factor authentication (e.g., smart cards, personal identification verification [PIV] cards, tokens) (Q23b.b)	ALL	<b>0.6453</b>	0.5144	0.6898	0.7052
	ECC	0.7002	0.5899	0.7727	0.7293
	EM	0.6424	0.4971	0.7288	0.7019
	EMS	0.6298	0.5221	0.6855	0.6491
	FIRE	0.596	0.4803	0.6278	0.6425
	LE	0.7074	0.5521	0.7489	0.775
Continuous monitoring (e.g., antivirus, intrusion detection) (Q23b.c)	ALL	<b>0.8509</b>	0.811	0.8553	0.8786
	ECC	0.9372	0.9213	0.9495	0.9392
	EM	0.8625	0.7661	0.904	0.9193
	EMS	0.8533	0.7788	0.8428	0.9123
	FIRE	0.808	0.7402	0.7833	0.8756
	LE	0.8778	0.8589	0.8813	0.8875
Backups (Q23b.d)	ALL	<b>0.8434</b>	0.8086	0.8665	0.8478
	ECC	0.8941	0.8708	0.9444	0.8619
	EM	0.8605	0.8363	0.8927	0.8509
	EMS	0.8239	0.7965	0.8365	0.8304
	FIRE	0.776	0.7323	0.7889	0.7927
	LE	0.8569	0.816	0.8813	0.8625
Automated updates (Q23b.e)	ALL	<b>0.6726</b>	0.6435	0.6729	0.6956
	ECC	0.7235	0.7247	0.7525	0.6906
	EM	0.6837	0.6082	0.7062	0.7391
	EMS	0.6749	0.6637	0.6604	0.6959
	FIRE	0.646	0.6063	0.65	0.6684
	LE	0.709	0.6748	0.7352	0.7083
Failover system (Q23b.f)	ALL	<b>0.2941</b>	0.2297	0.2989	0.341
	ECC	0.4524	0.3933	0.4495	0.5138
	EM	0.2927	0.1696	0.3277	0.3851
	EMS	0.3205	0.2566	0.3145	0.3684
	FIRE	0.286	0.2362	0.25	0.3523
	LE	0.2814	0.2147	0.2785	0.3292
Hardened workstations for monitoring and response activities (Q23b.g)	ALL	<b>0.2301</b>	0.1603	0.235	0.2813
	ECC	0.2819	0.2191	0.2828	0.3425
	EM	0.2475	0.1462	0.2599	0.3416
	EMS	0.228	0.1858	0.2138	0.269
	FIRE	0.208	0.1575	0.2056	0.2435
	LE	0.2588	0.2147	0.2557	0.2917

Disk and active memory imaging (Q23b.h)	ALL	<b>0.1954</b>	0.122	0.2105	0.2389
	ECC	0.2442	0.1798	0.2475	0.3039
	EM	0.1965	0.1111	0.226	0.2547
	EMS	0.1896	0.115	0.2075	0.2222
	FIRE	0.168	0.0945	0.1778	0.2073
	LE	0.2235	0.1472	0.2511	0.25
Coordinated response and restoration activities with internal and external parties (Q23b.i)	ALL	<b>0.2628</b>	0.2105	0.2462	0.3218
	ECC	0.3196	0.2584	0.303	0.3978
	EM	0.3026	0.2105	0.3446	0.354
	EMS	0.2664	0.2035	0.2453	0.3275
	FIRE	0.222	0.1575	0.1722	0.3109
	LE	0.2765	0.1656	0.2694	0.3583
Post-incident lessons learned analysis (e.g., hotwash, after-action report) (Q23b.j)	ALL	<b>0.2975</b>	0.2321	0.2857	0.3622
	ECC	0.3339	0.2865	0.3232	0.3923
	EM	0.332	0.2398	0.3333	0.4286
	EMS	0.3251	0.2655	0.3019	0.386
	FIRE	0.268	0.189	0.2333	0.3523
	LE	0.3055	0.2025	0.3333	0.35
None of the above (Q23b.k)	ALL	<b>0.017</b>	0.0311	0.0132	0.0096
	ECC	0.0036	0.0056	NR	0.0055
	EM	0.0118	0.0234	0.0113	NR
	EMS	0.0271	0.0619	0.0189	0.0117
	FIRE	0.036	0.0787	0.0333	0.0104
	LE	0.0096	0.0184	0.0091	0.0042

**Q23b1) Indicate which continuous monitoring capabilities your organization uses.** (SATA) Note: quantities are proportions of local respondents that selected "continuous monitoring" on Q23b.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Antivirus (AV) software (Q23b1.a)	ALL	<b>0.9683</b>	0.9704	0.973	0.9621
	ECC	0.967	0.9755	0.9783	0.9464
	EM	0.9745	0.9692	0.9745	0.9792
	EMS	0.9649	0.9659	0.9624	0.9664
	FIRE	0.967	0.9681	0.971	0.963
	LE	0.9758	0.9784	0.984	0.9667
Endpoint detection and response (EDR) solutions (Q23b1.b)	ALL	<b>0.4431</b>	0.3462	0.4482	0.5112
	ECC	0.5107	0.3865	0.5652	0.5714
	EM	0.4617	0.3538	0.465	0.5556
	EMS	0.4351	0.3068	0.4436	0.5034
	FIRE	0.401	0.2447	0.4058	0.4877
	LE	0.4674	0.3813	0.4521	0.5381
Data loss prevention (DLP) capabilities (Q23b1.c)	ALL	<b>0.4041</b>	0.3432	0.4122	0.442
	ECC	0.4194	0.3497	0.4348	0.4702
	EM	0.4153	0.3538	0.4586	0.4236
	EMS	0.4324	0.3636	0.4361	0.4698
	FIRE	0.4112	0.3404	0.4275	0.4383
	LE	0.4413	0.3597	0.4415	0.4952
Intrusion detection and prevention systems (IDPS) (Q23b1d)	ALL	<b>0.5203</b>	0.4349	0.5113	0.5938
	ECC	0.5786	0.4785	0.6141	0.6369
	EM	0.522	0.4308	0.5223	0.6042
	EMS	0.5162	0.3636	0.5038	0.6174
	FIRE	0.4695	0.3191	0.4275	0.5926
	LE	0.5307	0.4101	0.516	0.6238
Authorization, host, application, and cloud logs (Q23b1.e)	ALL	<b>0.465</b>	0.3994	0.4662	0.5134
	ECC	0.499	0.4601	0.5054	0.5298
	EM	0.4664	0.3692	0.4586	0.5625
	EMS	0.4838	0.3977	0.5038	0.5168
	FIRE	0.4619	0.3723	0.4638	0.5123
	LE	0.4767	0.3957	0.4894	0.519
Network flows (Q23b1.f)	ALL	<b>0.2911</b>	0.2249	0.2635	0.3683
	ECC	0.3631	0.319	0.337	0.4345
	EM	0.3016	0.2385	0.2675	0.3958
	EMS	0.3	0.2386	0.2857	0.349
	FIRE	0.2919	0.2447	0.2754	0.3333
	LE	0.3315	0.223	0.3032	0.4286
Packet capture (PCAP) (Q23b1.g)	ALL	<b>0.1642</b>	0.1065	0.1554	0.2165
	ECC	0.2272	0.1534	0.212	0.3155
	EM	0.181	0.1077	0.1529	0.2778
	EMS	0.1676	0.1023	0.1579	0.2148
	FIRE	0.1523	0.117	0.1449	0.179
	LE	0.1899	0.1079	0.1915	0.2429

Security information and event management (SIEM) systems (Q23b1.h)	ALL	<b>0.2228</b>	0.1716	0.2117	0.2723
	ECC	0.268	0.2086	0.2283	0.369
	EM	0.2413	0.1615	0.2675	0.2847
	EMS	0.2514	0.1705	0.2932	0.2617
	FIRE	0.2183	0.1702	0.2391	0.2284
	LE	0.257	0.2086	0.2181	0.3238
Other (Q23b1.i)	ALL	<b>0.0577</b>	0.0592	0.0563	0.058
	ECC	0.0621	0.0736	0.0598	0.0536
	EM	0.0487	0.0538	0.0382	0.0556
	EMS	0.0541	0.0455	0.0602	0.0537
	FIRE	0.0533	0.0638	0.058	0.0432
	LE	0.0615	0.0504	0.0585	0.0714

Q23b2) Indicate which backup capabilities and practices your organization uses. (SATA) Note: quantities are proportions of local respondents that selected "backup" on Q23b.

Answer Option	Discipline	All	Rural	Urban	Metro
Manual backups (Q23b2.a)	ALL	0.469	0.4743	0.4479	0.4872
	ECC	0.5163	0.5	0.4946	0.5584
	EM	0.4847	0.471	0.4744	0.5115
	EMS	0.4579	0.427	0.4504	0.4853
	FIRE	0.4723	0.4783	0.4643	0.4762
	LE	0.4914	0.4884	0.4737	0.5098
Automated backups (Q23b2.b)	ALL	0.9389	0.9184	0.9424	0.951
	ECC	0.9388	0.9211	0.9457	0.9481
	EM	0.9247	0.8913	0.9231	0.9618
	EMS	0.9551	0.9438	0.9466	0.9706
	FIRE	0.9446	0.9239	0.9286	0.9728
	LE	0.935	0.8992	0.9474	0.9461
Offline backups (Q23b2.c)	ALL	0.3914	0.3353	0.388	0.4382
	ECC	0.4204	0.3553	0.3967	0.513
	EM	0.4118	0.3551	0.3974	0.4885
	EMS	0.4017	0.3483	0.3969	0.4412
	FIRE	0.3958	0.3043	0.4	0.449
	LE	0.3824	0.3101	0.3684	0.4412
Frequent training on backups (Q23b2.d)	ALL	0.1478	0.0937	0.1596	0.1772
	ECC	0.1551	0.0724	0.1793	0.2078
	EM	0.1671	0.0942	0.1987	0.2061
	EMS	0.1713	0.1124	0.1908	0.1912
	FIRE	0.1557	0.0978	0.1643	0.1837
	LE	0.1415	0.1163	0.1211	0.1765
Exercises on restoring from backups (Q23b2.e)	ALL	0.1635	0.0906	0.1685	0.2145
	ECC	0.1776	0.0987	0.1902	0.2403
	EM	0.1553	0.087	0.1731	0.2061
	EMS	0.1826	0.1236	0.1908	0.2132
	FIRE	0.1662	0.1196	0.15	0.2109
	LE	0.1778	0.0775	0.1632	0.2549
Other (Q23b2.f)	ALL	0.0322	0.0242	0.0377	0.0326
	ECC	0.0245	0.0395	0.0217	0.013
	EM	0.0235	0.0145	0.0385	0.0153
	EMS	0.0365	0.0337	0.0458	0.0294
	FIRE	0.0396	0.0326	0.0429	0.0408
	LE	0.0306	0.0233	0.0421	0.0245

**Q23c) Select the CISA cybersecurity resources your organization uses in its cybersecurity planning and implementation.** (SATA) Note: quantities are proportions of local respondents that selected "Yes" on Q23.

Answer Option	Discipline	All	Rural	Urban	Metro
Advanced Malware Analysis Center (AMAC) services (Q23c.a)	ALL	<b>0.135</b>	0.1188	0.1379	0.1452
	ECC	0.1291	0.1259	0.1325	0.1284
	EM	0.1291	0.1027	0.1351	0.1515
	EMS	0.1341	0.117	0.1462	0.1343
	FIRE	0.1481	0.1667	0.1258	0.1569
	LE	0.1576	0.1805	0.1381	0.16
Assessment Evaluation and Standardization Program (AES) (Q23c.b)	ALL	<b>0.0754</b>	0.0464	0.0713	0.103
	ECC	0.0744	0.0629	0.0542	0.1081
	EM	0.0798	0.0479	0.0743	0.1212
	EMS	0.0782	0.0426	0.0692	0.1119
	FIRE	0.0607	0.0463	0.0464	0.085
	LE	0.0992	0.0677	0.0884	0.13
CISA Central (Q23c.c)	ALL	<b>0.1243</b>	0.0928	0.108	0.1663
	ECC	0.1466	0.1399	0.1145	0.1892
	EM	0.1737	0.0685	0.2027	0.2576
	EMS	0.0978	0.0426	0.0769	0.1567
	FIRE	0.0922	0.0463	0.0662	0.1503
	LE	0.1206	0.0977	0.0884	0.165
Cyber Essentials (Q23c.d)	ALL	<b>0.0878</b>	0.0638	0.0713	0.1241
	ECC	0.1072	0.0979	0.0783	0.1486
	EM	0.1103	0.0685	0.0878	0.1818
	EMS	0.1034	0.0638	0.0692	0.1642
	FIRE	0.0898	0.0741	0.0662	0.1242
	LE	0.1031	0.0752	0.0939	0.13
Cyber Infrastructure Survey (Q23c.e)	ALL	<b>0.1251</b>	0.0899	0.1333	0.1452
	ECC	0.1444	0.1189	0.1446	0.1689
	EM	0.1714	0.1096	0.1959	0.2121
	EMS	0.1173	0.0638	0.1231	0.1493
	FIRE	0.0995	0.0741	0.0927	0.1242
	LE	0.1284	0.0902	0.1381	0.145
Cyber Resiliency Review (CRR) (Q23c.f)	ALL	<b>0.0655</b>	0.0551	0.0621	0.0773
	ECC	0.0744	0.0699	0.0723	0.0811
	EM	0.0892	0.0685	0.0878	0.1136
	EMS	0.0615	0.0319	0.0538	0.0896
	FIRE	0.0583	0.0463	0.0464	0.0784
	LE	0.0603	0.0526	0.0663	0.06
Cybersecurity Advisory (CSA) Program (Q23c.g)	ALL	<b>0.1259</b>	0.1014	0.1149	0.1569
	ECC	0.151	0.1329	0.1265	0.1959
	EM	0.1643	0.0959	0.1757	0.2273
	EMS	0.1201	0.0957	0.1	0.1567
	FIRE	0.1092	0.0833	0.0927	0.1438
	LE	0.1323	0.0977	0.1215	0.165

Cybersecurity Assessment and Risk Management Approach (Q23c.h)	ALL	<b>0.2767</b>	0.2725	0.2483	0.3091
	ECC	0.326	0.3427	0.2892	0.3514
	EM	0.2864	0.3014	0.223	0.3409
	EMS	0.257	0.2979	0.2231	0.2612
	FIRE	0.2524	0.287	0.2185	0.2614
	LE	0.3366	0.3233	0.3094	0.37
Cybersecurity Evaluation Tool (CSET) (Q23c.i)	ALL	<b>0.116</b>	0.087	0.1195	0.1358
	ECC	0.1182	0.0979	0.1084	0.1486
	EM	0.1549	0.1233	0.1419	0.2045
	EMS	0.1201	0.0851	0.1	0.1642
	FIRE	0.1068	0.0833	0.0662	0.1634
	LE	0.1109	0.0902	0.0994	0.135
Continuous Diagnostics and Mitigation (CDM) (Q23c.j)	ALL	<b>0.0878</b>	0.0812	0.0897	0.0913
	ECC	0.0941	0.0839	0.1024	0.0946
	EM	0.0915	0.089	0.0878	0.0985
	EMS	0.0838	0.0957	0.0846	0.0746
	FIRE	0.0631	0.0833	0.053	0.0588
	LE	0.0875	0.0977	0.0773	0.09
Enhanced Cybersecurity Services (ECS) (Q23c.k)	ALL	<b>0.0646</b>	0.0348	0.0782	0.0749
	ECC	0.0722	0.0559	0.0663	0.0946
	EM	0.0681	0.0411	0.0676	0.0985
	EMS	0.0726	0.0426	0.0769	0.0896
	FIRE	0.0801	0.0648	0.0662	0.1046
	LE	0.0875	0.0677	0.0994	0.09
External Dependencies Management (EDM) Assessment (Q23c.l)	ALL	<b>0.0249</b>	0.0145	0.0207	0.0375
	ECC	0.0241	0.014	0.0241	0.0338
	EM	0.0352	0.0205	0.027	0.0606
	EMS	0.0307	0.0213	0.0231	0.0448
	FIRE	0.034	0.0278	0.0199	0.0523
	LE	0.0292	0.0226	0.0276	0.035
Federal Virtual Training Environment (FedVTE) (Q23c.m)	ALL	<b>0.0307</b>	0.0145	0.0299	0.0445
	ECC	0.0438	0.021	0.0361	0.0743
	EM	0.0399	0.0137	0.0338	0.0758
	EMS	0.0307	0.0213	0.0154	0.0522
	FIRE	0.0267	0.0185	0.0132	0.0458
	LE	0.0272	0.0075	0.0276	0.04
Hunt and Incident Response Team (HIRT) Services (Q23c.n)	ALL	<b>0.0149</b>	0.0087	0.0138	0.0211
	ECC	0.0219	0.014	0.0181	0.0338
	EM	0.0258	0.0068	0.027	0.0455
	EMS	0.0223	0.0106	0.0154	0.0373
	FIRE	0.0218	0.0093	0.0199	0.0327
	LE	0.0175	0.0075	0.0221	0.02
ICTAP 9-1-1/PSAP/LMR Cyber Assessment (Q23c.o)	ALL	<b>0.0597</b>	0.0464	0.0644	0.0656
	ECC	0.0941	0.0769	0.0964	0.1081
	EM	0.0751	0.0616	0.0743	0.0909
	EMS	0.0615	0.0319	0.0538	0.0896
	FIRE	0.0607	0.0463	0.0464	0.085
	LE	0.0584	0.0376	0.0829	0.05
	ALL	<b>0.0978</b>	0.0667	0.108	0.1124



ICTAP 9-1-1/PSAP/LMR Cyber Awareness Course (Q23c.p)	ECC	0.1357	0.0839	0.1687	0.1486
	EM	0.1127	0.0753	0.1014	0.1667
	EMS	0.1061	0.0213	0.1154	0.1567
	FIRE	0.0995	0.0463	0.0993	0.1373
	LE	0.0992	0.0677	0.1215	0.1
Joint Cyber Defense Collaborative (JCDC) (Q23c.q)	ALL	<b>0.0273</b>	0.0145	0.023	0.0422
	ECC	0.0328	0.014	0.0181	0.0676
	EM	0.0305	0.0137	0.027	0.053
	EMS	0.0223	NR	0.0308	0.0299
	FIRE	0.0218	0.0093	0.0199	0.0327
	LE	0.035	0.015	0.0276	0.055
Public Safety Communications and Cyber Resiliency Toolkit (Q23c.r)	ALL	<b>0.1657</b>	0.1362	0.1402	0.2155
	ECC	0.1947	0.1748	0.1446	0.2703
	EM	0.2207	0.1849	0.1757	0.3106
	EMS	0.162	0.1596	0.1154	0.209
	FIRE	0.1505	0.1204	0.1391	0.183
	LE	0.1479	0.1278	0.1326	0.175
Remote Penetration Testing (RPT) (Q23c.s)	ALL	<b>0.1019</b>	0.0783	0.0943	0.1288
	ECC	0.1444	0.1189	0.1265	0.1892
	EM	0.1103	0.0822	0.1014	0.1515
	EMS	0.1061	0.0851	0.1	0.1269
	FIRE	0.0922	0.0833	0.0662	0.1242
	LE	0.1128	0.1053	0.0773	0.15
Vulnerability/cyber hygiene scanning (Q23c.t)	ALL	<b>0.0911</b>	0.0551	0.0989	0.1124
	ECC	0.1247	0.0839	0.1325	0.1554
	EM	0.108	0.0411	0.1149	0.1742
	EMS	0.1117	0.0851	0.1077	0.1343
	FIRE	0.0971	0.0833	0.0795	0.1242
	LE	0.1226	0.0752	0.1271	0.15
Web Application Scanning (Q23c.u)	ALL	<b>0.179</b>	0.1275	0.1908	0.2084
	ECC	0.1926	0.1608	0.1687	0.25
	EM	0.1573	0.1096	0.1351	0.2348
	EMS	0.1899	0.117	0.2077	0.2239
	FIRE	0.2015	0.1204	0.2318	0.2288
	LE	0.2101	0.1729	0.2155	0.23
None of the above (Q23c.v)	ALL	<b>0.3471</b>	0.3942	0.3586	0.2974
	ECC	0.3063	0.3357	0.3072	0.277
	EM	0.2911	0.3356	0.3243	0.2045
	EMS	0.3827	0.4255	0.4308	0.306
	FIRE	0.3786	0.4074	0.4371	0.3007
	LE	0.3132	0.3308	0.337	0.28

**Q24) In the event of a cyber incident, which entities are alerted or engaged by your organization? (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Agency's own IT resources (Q24.a)	ALL	<b>0.6624</b>	0.5578	0.6846	0.7579
	ECC	0.8669	0.8161	0.9017	0.8813
	EM	0.7425	0.6515	0.7679	0.8317
	EMS	0.6255	0.5161	0.6477	0.7198
	FIRE	0.5313	0.4049	0.5431	0.6625
	LE	0.7922	0.7213	0.7918	0.8531
Parent organization or agency's IT resources (Q24.b)	ALL	<b>0.2824</b>	0.2193	0.297	0.3384
	ECC	0.3683	0.287	0.406	0.411
	EM	0.33	0.2727	0.3671	0.3614
	EMS	0.2558	0.1864	0.2669	0.3191
	FIRE	0.2334	0.1902	0.2219	0.2969
	LE	0.2977	0.25	0.3106	0.3252
IT cybersecurity vendor (Q24.c)	ALL	<b>0.3384</b>	0.2936	0.3372	0.392
	ECC	0.4364	0.3901	0.4615	0.4566
	EM	0.3997	0.3864	0.3966	0.4208
	EMS	0.2987	0.233	0.2989	0.3696
	FIRE	0.2502	0.1685	0.2637	0.3281
	LE	0.4265	0.4016	0.4232	0.451
Organizations with interconnected networks (e.g., equipment vendors, partner agencies) (Q24.d)	ALL	<b>0.2918</b>	0.2276	0.2993	0.3576
	ECC	0.4645	0.4126	0.4786	0.5023
	EM	0.33	0.2614	0.3671	0.3762
	EMS	0.2387	0.1864	0.2491	0.284
	FIRE	0.1849	0.1467	0.1645	0.2531
	LE	0.3621	0.2623	0.3857	0.4231
Cybersecurity and Infrastructure Security Agency (CISA) (e.g., CISA Central, Automated Indicator Sharing [AIS]) (Q24.e)	ALL	<b>0.1058</b>	0.0825	0.0975	0.1431
	ECC	0.1701	0.1614	0.1453	0.2055
	EM	0.1821	0.1364	0.1983	0.2228
	EMS	0.0734	0.0609	0.0641	0.0973
	FIRE	0.0588	0.0489	0.0392	0.0938
	LE	0.1252	0.1066	0.099	0.1678
Federal Bureau of Investigation (FBI) (e.g., field offices, Internet Crime Complaint Center [IC3], InfraGard) (Q24.f)	ALL	<b>0.168</b>	0.1144	0.1686	0.2297
	ECC	0.2515	0.1883	0.2692	0.2968
	EM	0.2006	0.1591	0.2025	0.2525
	EMS	0.1089	0.0824	0.1032	0.144
	FIRE	0.0934	0.0788	0.0757	0.1312
	LE	0.2612	0.1639	0.2833	0.3217
Multi-State Information Sharing and Analysis Center (MS-ISAC) (Q24.g)	ALL	<b>0.0597</b>	0.0377	0.0688	0.0743
	ECC	0.0962	0.0628	0.1154	0.1096
	EM	0.0953	0.0455	0.1224	0.1287
	EMS	0.0379	0.0251	0.0463	0.0428
	FIRE	0.0299	0.0217	0.0261	0.0437
	LE	0.0741	0.0533	0.0717	0.0944

United States Secret Service (Q24.h)	ALL	<b>0.0192</b>	0.0094	0.0092	0.0426
	ECC	0.0281	0.0135	0.0214	0.0502
	EM	0.027	0.0227	0.0169	0.0446
	EMS	0.0086	0.0108	NR	0.0156
	FIRE	0.0121	0.0082	0.0052	0.025
	LE	0.0377	0.0246	0.0171	0.0699
Tribal-based support (Q24.i)	ALL	<b>0.0037</b>	0.0047	0.0034	0.0028
	ECC	0.003	0.0045	NR	0.0046
	EM	0.0057	0.0076	0.0042	0.005
	EMS	0.0024	NR	0.0036	0.0039
	FIRE	0.0019	0.0027	NR	0.0031
	LE	0.0036	0.0041	0.0034	0.0035
Region-based support (Q24.j)	ALL	<b>0.0564</b>	0.0342	0.0436	0.0977
	ECC	0.0902	0.0448	0.0855	0.1416
	EM	0.0782	0.0379	0.0549	0.1584
	EMS	0.0441	0.0215	0.0534	0.0584
	FIRE	0.042	0.0299	0.0339	0.0656
	LE	0.0595	0.0205	0.0478	0.1049
State-based support (e.g., National Guard, fusion center, state-sponsored cyber unit) (Q24.k)	ALL	<b>0.1765</b>	0.1663	0.1778	0.1871
	ECC	0.2781	0.2646	0.312	0.2557
	EM	0.2546	0.2652	0.2616	0.2327
	EMS	0.1114	0.0968	0.1139	0.1245
	FIRE	0.1027	0.1033	0.0888	0.1187
	LE	0.2005	0.1639	0.215	0.2168
Local-based support beyond the immediate organization (Q24.l)	ALL	<b>0.1729</b>	0.1557	0.1732	0.1926
	ECC	0.2012	0.148	0.235	0.2192
	EM	0.192	0.1667	0.211	0.203
	EMS	0.1652	0.1398	0.1673	0.1907
	FIRE	0.1541	0.1196	0.1619	0.1844
	LE	0.1713	0.1475	0.1775	0.1853
Other (Q24.m)	ALL	<b>0.0433</b>	0.0377	0.0459	0.0468
	ECC	0.0533	0.0493	0.0513	0.0594
	EM	0.0441	0.0227	0.0506	0.0644
	EMS	0.0367	0.0215	0.0427	0.0467
	FIRE	0.0345	0.0272	0.0366	0.0406
	LE	0.0437	0.0328	0.0546	0.042
None of the above (Q24.n)	ALL	<b>0.1398</b>	0.2005	0.1296	0.0812
	ECC	0.0237	0.0359	0.0128	0.0228
	EM	0.0654	0.0985	0.0506	0.0396
	EMS	0.1812	0.2724	0.1673	0.0973
	FIRE	0.2381	0.337	0.2402	0.1219
	LE	0.0389	0.041	0.0512	0.0245

Q25) Indicate the types of cyber attacks that your organization has experienced? (SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
Phishing/email spoofing attack (Q25.a)	ALL	<b>0.6701</b>	0.5574	0.6979	0.7552
	ECC	0.7269	0.5978	0.7744	0.8045
	EM	0.7963	0.7188	0.8152	0.8679
	EMS	0.6238	0.508	0.6498	0.703
	FIRE	0.5659	0.4221	0.5985	0.6765
	LE	0.7469	0.6193	0.7745	0.8155
Ransomware attack (Q25.b)	ALL	<b>0.2299</b>	0.1947	0.2321	0.2639
	ECC	0.2405	0.2123	0.2513	0.257
	EM	0.2692	0.2396	0.2609	0.3145
	EMS	0.2277	0.1925	0.2028	0.2871
	FIRE	0.1984	0.1434	0.197	0.2563
	LE	0.2686	0.2386	0.2553	0.3047
Password or credential attack (i.e., unauthorized use of password or credential) (Q25.c)	ALL	<b>0.2017</b>	0.1298	0.1949	0.2847
	ECC	0.2116	0.1397	0.2051	0.2905
	EM	0.2841	0.1667	0.3152	0.3899
	EMS	0.2195	0.1283	0.2535	0.2673
	FIRE	0.2064	0.1107	0.2268	0.2815
	LE	0.2236	0.125	0.2043	0.3176
Denial of service attack (Q25.d)	ALL	<b>0.0741</b>	0.0399	0.0848	0.0972
	ECC	0.0976	0.0615	0.0974	0.1341
	EM	0.1346	0.0729	0.1793	0.1572
	EMS	0.0693	0.0321	0.0922	0.0792
	FIRE	0.0679	0.0287	0.0855	0.0882
	LE	0.0947	0.0455	0.1064	0.1202
Telephony denial of service (TDoS) attack (Q25.e)	ALL	<b>0.0481</b>	0.0233	0.0551	0.066
	ECC	0.1031	0.0559	0.1128	0.1397
	EM	0.0542	0.0312	0.0543	0.0818
	EMS	0.0446	0.0107	0.0553	0.0644
	FIRE	0.0386	0.0041	0.052	0.0588
	LE	0.0543	0.0227	0.0511	0.0815
Jamming (Q25.f)	ALL	<b>0.02</b>	0.015	0.0089	0.0382
	ECC	0.0235	0.0112	0.0154	0.0447
	EM	0.0299	0.0104	0.0163	0.0692
	EMS	0.0231	NR	0.0184	0.0495
	FIRE	0.02	0.0041	0.0112	0.0462
	LE	0.0264	0.0227	0.0085	0.0472
Domain name service (DNS) tunneling attack (Q25.g)	ALL	<b>0.0287</b>	0.015	0.0312	0.0399
	ECC	0.0307	0.0223	0.0205	0.0503
	EM	0.043	0.0365	0.0326	0.0629
	EMS	0.0396	0.016	0.0507	0.0495
	FIRE	0.0333	0.0123	0.0372	0.0504
	LE	0.0342	0.0227	0.0298	0.0472

Doxing attack (i.e., data accessed with information threatened to be sold or revealed) (Q25.h)	ALL	<b>0.0227</b>	0.01	0.0238	0.0347
	ECC	0.0235	0.0112	0.0205	0.0391
	EM	0.0355	0.0156	0.038	0.0566
	EMS	0.033	0.0107	0.0507	0.0347
	FIRE	0.0253	0.0082	0.0297	0.0378
	LE	0.0311	0.0227	0.0213	0.0472
Other malware (e.g., viruses, trojans) (Q25.i)	ALL	<b>0.3169</b>	0.2579	0.3348	0.3576
	ECC	0.34	0.2682	0.3744	0.3743
	EM	0.3701	0.3646	0.3641	0.3836
	EMS	0.3036	0.1979	0.3364	0.3663
	FIRE	0.273	0.1762	0.29	0.3529
	LE	0.3509	0.25	0.3872	0.3906
Internet of Things-based attack (i.e., attacker entered network through "smart" devices or systems) (Q25.j)	ALL	<b>0.0168</b>	0.0116	0.0193	0.0191
	ECC	0.0181	0.0168	0.0154	0.0223
	EM	0.0224	0.0156	0.0217	0.0314
	EMS	0.0182	0.0053	0.0276	0.0198
	FIRE	0.0146	0.0082	0.0186	0.0168
	LE	0.0171	0.017	0.0213	0.0129
Other types of attack (e.g., SQL injection, cross-scripting, eavesdropping) (Q25.k)	ALL	<b>0.0265</b>	0.0216	0.0312	0.026
	ECC	0.0344	0.0112	0.0308	0.0615
	EM	0.0411	0.0312	0.0489	0.044
	EMS	0.0347	0.0374	0.0369	0.0297
	FIRE	0.0253	0.0246	0.0297	0.021
	LE	0.0404	0.0227	0.0468	0.0472
Attacks of unknown type (Q25.l)	ALL	<b>0.0746</b>	0.0532	0.0759	0.0955
	ECC	0.0705	0.0503	0.0769	0.0838
	EM	0.1009	0.0781	0.0761	0.1572
	EMS	0.0809	0.0428	0.0922	0.104
	FIRE	0.0679	0.0287	0.0855	0.0882
	LE	0.073	0.0455	0.0638	0.103
Our organization has not identified any cyber attacks (Q25.m)	ALL	<b>0.2493</b>	0.3411	0.2262	0.1806
	ECC	0.1899	0.2793	0.1487	0.1453
	EM	0.1346	0.1875	0.1359	0.0692
	EMS	0.2904	0.4064	0.2488	0.2277
	FIRE	0.3449	0.4754	0.316	0.2437
	LE	0.1832	0.2784	0.1617	0.133

Q26) Complete this sentence: "Our organization is \_\_\_\_\_ in our ability to detect and respond to cybersecurity threats and vulnerabilities." (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Not confident	ALL	0.2482	0.3509	0.2303	0.149
	ECC	0.0885	0.1306	0.0717	0.0639
	EM	0.1881	0.2857	0.1506	0.104
	EMS	0.3236	0.4179	0.3039	0.2432
	FIRE	0.3585	0.4501	0.3672	0.2414
	LE	0.1247	0.2122	0.1254	0.049
Somewhat confident	ALL	0.4051	0.4073	0.4059	0.4014
	ECC	0.413	0.4189	0.4093	0.411
	EM	0.471	0.4699	0.4603	0.4851
	EMS	0.3747	0.3607	0.4099	0.3514
	FIRE	0.3724	0.3531	0.3672	0.4013
	LE	0.3838	0.4245	0.3695	0.3636
Confident	ALL	0.2991	0.2218	0.317	0.3683
	ECC	0.4115	0.3964	0.4262	0.411
	EM	0.3013	0.2218	0.3515	0.3465
	EMS	0.2543	0.1929	0.2544	0.3205
	FIRE	0.2328	0.1725	0.2422	0.2915
	LE	0.4019	0.3184	0.4169	0.458
Very Confident	ALL	0.0477	0.02	0.0468	0.0814
	ECC	0.087	0.0541	0.0928	0.1142
	EM	0.0396	0.0226	0.0377	0.0644
	EMS	0.0474	0.0286	0.0318	0.0849
	FIRE	0.0363	0.0243	0.0234	0.0658
	LE	0.0896	0.0449	0.0881	0.1294

Q27) Complete this sentence: "Since 2018, cybersecurity incidents have had \_\_\_\_\_ on the ability of our organization to communicate." (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Severe impact	ALL	<b>0.0266</b>	0.0236	0.0315	0.0244
	ECC	0.0212	0.0248	0.0278	0.0103
	EM	0.0244	0.0178	0.0237	0.0333
	EMS	0.0238	0.0209	0.0245	0.0262
	FIRE	0.0253	0.0193	0.0314	0.0251
	LE	0.0257	0.0236	0.0267	0.0263
Some impact	ALL	<b>0.1523</b>	0.1221	0.1586	0.1784
	ECC	0.1419	0.1089	0.1713	0.1436
	EM	0.2143	0.2044	0.2038	0.2389
	EMS	0.122	0.0753	0.1633	0.1266
	FIRE	0.1244	0.0772	0.1384	0.1613
	LE	0.1622	0.1085	0.1794	0.188
Minimal impact	ALL	<b>0.3986</b>	0.3634	0.4155	0.4177
	ECC	0.4176	0.3812	0.4352	0.4359
	EM	0.474	0.4089	0.5355	0.4833
	EMS	0.4109	0.3933	0.3918	0.4498
	FIRE	0.37	0.3215	0.3774	0.4158
	LE	0.4	0.4104	0.3969	0.3947
No impact	ALL	<b>0.4224</b>	0.491	0.3945	0.3796
	ECC	0.4192	0.4851	0.3657	0.4103
	EM	0.2873	0.3689	0.237	0.2444
	EMS	0.4432	0.5105	0.4204	0.3974
	FIRE	0.4802	0.582	0.4528	0.3978
	LE	0.4122	0.4575	0.3969	0.391

Q28\_1) Select the response that best characterizes your organization's security for facilities. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Physical security is present only as a consequence of other requirements (e.g., building codes, zoning requirements, architectural recommendations/guidance, SOPs/SOGs) and what may be found in a similar commercial building or facility.	ALL	<b>0.4367</b>	0.5252	0.4279	0.3456
	ECC	0.2771	0.3426	0.2684	0.2212
	EM	0.4267	0.5176	0.3856	0.3586
	EMS	0.4899	0.5947	0.4635	0.4087
	FIRE	0.5429	0.6335	0.5519	0.4286
	LE	0.3182	0.4069	0.318	0.2456
Solution sets designed and implemented for the intended occupancy, purpose, and use of the building/facility.	ALL	<b>0.4151</b>	0.3555	0.4279	0.4683
	ECC	0.5316	0.4861	0.5238	0.5853
	EM	0.4224	0.3569	0.4449	0.4798
	EMS	0.3861	0.303	0.4124	0.4444
	FIRE	0.345	0.2642	0.3443	0.4383
	LE	0.4792	0.4113	0.4841	0.5302
Mitigation, response, and recovery procedures identified through formal risk assessment(s) are regularly trained and exercised, incorporating the physical security.	ALL	<b>0.1482</b>	0.1193	0.1442	0.1862
	ECC	0.1913	0.1713	0.2078	0.1935
	EM	0.1509	0.1255	0.1695	0.1616
	EMS	0.1241	0.1023	0.1241	0.1468
	FIRE	0.1121	0.1023	0.1038	0.1331
	LE	0.2025	0.1818	0.1979	0.2242



**Q28\_1) Select the response that best characterizes your organization's security for communications infrastructure. (SOR)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Physical security is present only as a consequence of other requirements (e.g., building codes, zoning requirements, architectural recommendations/guidance, SOPs/SOGs) and what may be found in a similar commercial building or facility.	<b>ALL</b>	<b>0.4209</b>	0.5105	0.4095	0.3319
	<b>ECC</b>	0.2644	0.3302	0.2597	0.2037
	<b>EM</b>	0.3928	0.4961	0.3602	0.298
	<b>EMS</b>	0.4649	0.5594	0.4469	0.3855
	<b>FIRE</b>	0.5246	0.616	0.5397	0.4013
	<b>LE</b>	0.3035	0.3913	0.3145	0.2206
Solution sets designed and implemented for the intended occupancy, purpose, and use of the building/facility.	<b>ALL</b>	<b>0.4103</b>	0.3594	0.426	0.4496
	<b>ECC</b>	0.5363	0.507	0.5195	0.5833
	<b>EM</b>	0.4377	0.3711	0.4492	0.5101
	<b>EMS</b>	0.387	0.3295	0.4029	0.4297
	<b>FIRE</b>	0.3409	0.2693	0.3425	0.4211
	<b>LE</b>	0.4685	0.4	0.47	0.5231
Mitigation, response, and recovery procedures identified through formal risk assessment(s) are regularly trained and exercised, incorporating the physical security.	<b>ALL</b>	<b>0.1689</b>	0.1301	0.1645	0.2184
	<b>ECC</b>	0.1994	0.1628	0.2208	0.213
	<b>EM</b>	0.1696	0.1328	0.1907	0.1919
	<b>EMS</b>	0.1481	0.1111	0.1502	0.1847
	<b>FIRE</b>	0.1346	0.1146	0.1178	0.1776
	<b>LE</b>	0.228	0.2087	0.2155	0.2562

Q29) Select the response that best characterizes your organization's emergency communications training.  
(SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
No personnel have received training	ALL	0.0416	0.059	0.0414	0.0219
	ECC	0.0059	NR	0.0085	0.009
	EM	0.0313	0.0382	0.0336	0.0197
	EMS	0.045	0.0578	0.0495	0.0266
	FIRE	0.0522	0.071	0.0574	0.0248
	LE	0.0316	0.0539	0.0378	0.0069
Personnel have received informal training, at most	ALL	0.2755	0.3314	0.2736	0.2131
	ECC	0.1034	0.1409	0.0851	0.0856
	EM	0.2504	0.3092	0.2353	0.1921
	EMS	0.3098	0.3935	0.2898	0.2433
	FIRE	0.2957	0.3333	0.3159	0.2291
	LE	0.2092	0.2448	0.2096	0.1793
Some personnel have received formal training	ALL	0.309	0.2972	0.3023	0.3306
	ECC	0.2614	0.2591	0.2638	0.2613
	EM	0.3755	0.3626	0.3908	0.3744
	EMS	0.2868	0.2166	0.3286	0.3156
	FIRE	0.291	0.2705	0.2663	0.3437
	LE	0.3114	0.2863	0.299	0.3448
Substantially all personnel have received formal and regular training	ALL	0.3739	0.3125	0.3828	0.4344
	ECC	0.6292	0.6	0.6426	0.6441
	EM	0.3428	0.2901	0.3403	0.4138
	EMS	0.3584	0.3321	0.3322	0.4144
	FIRE	0.361	0.3251	0.3603	0.4025
	LE	0.4477	0.4149	0.4536	0.469

Q29a) Evaluations of training are documented and assessed along with changing operational environment to adapt future training to address gaps and needs. (SOR) Note: quantities are proportions of local respondents that did not select "No personnel have received training" on Q29.

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.5805	0.5338	0.5745	0.6396
	ECC	0.7307	0.7455	0.691	0.758
	EM	0.5853	0.5613	0.5633	0.6414
	EMS	0.5401	0.5019	0.5672	0.5508
	FIRE	0.534	0.4927	0.532	0.581
	LE	0.6688	0.6681	0.6619	0.676
No	ALL	0.4195	0.4662	0.4255	0.3604
	ECC	0.2693	0.2545	0.309	0.242
	EM	0.4147	0.4387	0.4367	0.3586
	EMS	0.4599	0.4981	0.4328	0.4492
	FIRE	0.466	0.5073	0.468	0.419
	LE	0.3312	0.3319	0.3381	0.324

**Q29b) Select the topics that are included in your organization's emergency communications training.** (SATA)  
 Note: quantities are proportions of local respondents that did not select "No personnel have received training" on Q29.

Answer Option	Discipline	All	Rural	Urban	Metro
National Incident Management System (NIMS) Incident Command System (ICS) (Q29b.a)	ALL	<b>0.8693</b>	0.8546	0.8822	0.8708
	ECC	0.897	0.8773	0.897	0.9171
	EM	0.8871	0.8617	0.8913	0.9146
	EMS	0.8844	0.855	0.9067	0.8911
	FIRE	0.8741	0.8387	0.8886	0.8959
	LE	0.8352	0.7939	0.8571	0.8467
Software training/refresher (Q29b.b)	ALL	<b>0.392</b>	0.3258	0.399	0.4579
	ECC	0.6403	0.6227	0.6395	0.659
	EM	0.3944	0.3281	0.4043	0.4673
	EMS	0.3659	0.2939	0.3955	0.4086
	FIRE	0.3078	0.2229	0.3175	0.388
	LE	0.4956	0.443	0.4714	0.561
Communications Unit (COMU) (Q29b.c)	ALL	<b>0.202</b>	0.1617	0.1971	0.2528
	ECC	0.2746	0.2318	0.2489	0.3456
	EM	0.2566	0.2213	0.2304	0.3317
	EMS	0.1906	0.1641	0.2052	0.2023
	FIRE	0.175	0.1525	0.1727	0.2019
	LE	0.2226	0.2018	0.2071	0.2544
Commonly used frequencies (Q29b.d)	ALL	<b>0.538</b>	0.5238	0.5541	0.5351
	ECC	0.5716	0.5773	0.588	0.5484
	EM	0.5337	0.4862	0.5739	0.5477
	EMS	0.5947	0.5344	0.6381	0.6109
	FIRE	0.5929	0.5601	0.6323	0.5836
	LE	0.4403	0.4737	0.4571	0.3972
Frequency jamming detection/location (Q29b.e)	ALL	<b>0.0213</b>	0.0163	0.0192	0.0295
	ECC	0.0388	0.0273	0.0386	0.0507
	EM	0.0279	0.0158	0.0304	0.0402
	EMS	0.0191	0.0038	0.0224	0.0311
	FIRE	0.0157	0.0088	0.0167	0.0221
	LE	0.0314	0.0263	0.0286	0.0383
Equipment training/refresher (Q29b.f)	ALL	<b>0.5645</b>	0.5125	0.5962	0.5857
	ECC	0.7	0.6773	0.7425	0.6774
	EM	0.5806	0.5178	0.6609	0.5678
	EMS	0.5629	0.4771	0.6194	0.5914
	FIRE	0.5772	0.5132	0.6267	0.5899
	LE	0.527	0.5	0.5393	0.5366
Backup systems (Q29b.g)	ALL	<b>0.2472</b>	0.1942	0.2476	0.3062
	ECC	0.4284	0.3727	0.4421	0.47
	EM	0.2581	0.2055	0.287	0.2915
	EMS	0.2262	0.1565	0.2575	0.2646
	FIRE	0.1927	0.1378	0.2089	0.2334
	LE	0.2981	0.1974	0.3107	0.3659

Cybersecurity (Q29b.h)	ALL	<b>0.3032</b>	0.2368	0.3017	0.3792
	ECC	0.4642	0.4182	0.485	0.4885
	EM	0.3255	0.2569	0.3522	0.3819
	EMS	0.2452	0.1947	0.2575	0.284
	FIRE	0.2094	0.1554	0.2006	0.2776
	LE	0.4327	0.3202	0.4429	0.5122
Radio/device encryption (Q29b.i)	ALL	<b>0.1951</b>	0.1429	0.1983	0.25
	ECC	0.2851	0.2318	0.3004	0.3226
	EM	0.2155	0.1621	0.2609	0.2312
	EMS	0.1626	0.1336	0.1679	0.1868
	FIRE	0.1573	0.1202	0.1532	0.2019
	LE	0.283	0.2368	0.275	0.3275
Radio etiquette and terminology (Q29b.j)	ALL	<b>0.7045</b>	0.6591	0.7079	0.7514
	ECC	0.8239	0.8091	0.8455	0.8157
	EM	0.6613	0.5968	0.6957	0.7035
	EMS	0.7154	0.6565	0.7313	0.7588
	FIRE	0.7227	0.6774	0.7354	0.7571
	LE	0.6818	0.6623	0.6643	0.7143
National Interoperability Field Operations Guide (NIFOG) (Q29b.k)	ALL	<b>0.1153</b>	0.0927	0.1226	0.132
	ECC	0.1642	0.1182	0.1803	0.1935
	EM	0.1891	0.1621	0.2	0.2111
	EMS	0.0928	0.0763	0.0933	0.1089
	FIRE	0.0836	0.0733	0.0836	0.0946
	LE	0.0906	0.0614	0.0893	0.115
Continuity procedures (Q29b.l)	ALL	<b>0.2643</b>	0.2243	0.2584	0.316
	ECC	0.4746	0.45	0.4592	0.5161
	EM	0.2991	0.2648	0.313	0.3266
	EMS	0.2236	0.1756	0.2313	0.2646
	FIRE	0.1967	0.1466	0.2145	0.2303
	LE	0.3069	0.2368	0.3	0.3693
Health and wellness (e.g., ergonomics, fatigue) (Q29b.m)	ALL	<b>0.2972</b>	0.2657	0.2861	0.3455
	ECC	0.5313	0.5273	0.5322	0.5346
	EM	0.2625	0.2411	0.2391	0.3166
	EMS	0.2808	0.2557	0.2537	0.3346
	FIRE	0.2409	0.2082	0.2423	0.2744
	LE	0.3748	0.3246	0.3714	0.4181
Psychological impacts of video and data use (e.g., overload, consumption of disturbing/graphic images) (Q29b.n)	ALL	<b>0.0854</b>	0.0802	0.0853	0.0913
	ECC	0.1716	0.1773	0.2017	0.1336
	EM	0.088	0.087	0.0826	0.0955
	EMS	0.0635	0.0534	0.0672	0.07
	FIRE	0.06	0.0499	0.0669	0.0631
	LE	0.1094	0.1096	0.1214	0.0976
Interoperability plans and practices specific to our organization (Q29b.o)	ALL	<b>0.3706</b>	0.317	0.3666	0.4354
	ECC	0.5373	0.5045	0.5494	0.5576
	EM	0.412	0.3439	0.4261	0.4824
	EMS	0.3469	0.2595	0.3358	0.4475
	FIRE	0.3245	0.261	0.2981	0.4227
	LE	0.3874	0.3114	0.3893	0.446
	ALL	<b>0.1994</b>	0.1905	0.1887	0.2219

Priority telecommunications services (Q29b.p)	<b>ECC</b>	0.3448	0.3864	0.3219	0.3272
	<b>EM</b>	0.2317	0.2213	0.1957	0.2864
	<b>EMS</b>	0.1677	0.187	0.1679	0.1479
	<b>FIRE</b>	0.1426	0.1525	0.1365	0.1388
	<b>LE</b>	0.2465	0.2544	0.225	0.2613
None of the above (Q29b.q)	<b>ALL</b>	<b>0.029</b>	0.0376	0.0312	0.0169
	<b>ECC</b>	0.009	0.0182	0.0086	NR
	<b>EM</b>	0.0279	0.0435	0.0304	0.005
	<b>EMS</b>	0.0203	0.0191	0.0373	0.0039
	<b>FIRE</b>	0.0275	0.0293	0.0418	0.0095
	<b>LE</b>	0.0314	0.0526	0.0214	0.0244

**Q29c) Select the external groups that are included in your organization's emergency communications training.**  
(SATA) Note: quantities are proportions of local respondents that did not select "No personnel have received training" on Q29.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Other public safety organizations in the same jurisdiction (Q29c.a)	ALL	<b>0.6791</b>	0.6403	0.6977	0.701
	ECC	0.7205	0.65	0.7339	0.7778
	EM	0.7463	0.7063	0.7895	0.7475
	EMS	0.6761	0.6322	0.6906	0.7059
	FIRE	0.6555	0.6158	0.6583	0.6952
	LE	0.6797	0.6564	0.6821	0.6958
Other government organizations in the same jurisdiction that support public safety (Q29c.b)	ALL	<b>0.5208</b>	0.483	0.5441	0.536
	ECC	0.5561	0.5136	0.5494	0.6065
	EM	0.5944	0.5317	0.6404	0.6212
	EMS	0.4994	0.4406	0.5472	0.5098
	FIRE	0.4857	0.4311	0.5126	0.5143
	LE	0.5574	0.5374	0.5536	0.5769
Other local governments (Q29c.c)	ALL	<b>0.4183</b>	0.3711	0.4317	0.4556
	ECC	0.426	0.3909	0.4249	0.463
	EM	0.4484	0.4127	0.4956	0.4394
	EMS	0.4187	0.3678	0.4566	0.4314
	FIRE	0.4077	0.3666	0.4146	0.4444
	LE	0.454	0.4229	0.4464	0.486
State/territorial governments (Q29c.d)	ALL	<b>0.2767</b>	0.2692	0.283	0.2779
	ECC	0.3303	0.3318	0.3391	0.3194
	EM	0.3201	0.2976	0.3377	0.3283
	EMS	0.251	0.2375	0.2943	0.2196
	FIRE	0.2349	0.2287	0.2549	0.219
	LE	0.3279	0.3656	0.3143	0.3112
Federal departments/agencies (Q29c.e)	ALL	<b>0.1004</b>	0.0881	0.0883	0.1283
	ECC	0.133	0.0955	0.1373	0.1667
	EM	0.1136	0.1111	0.114	0.1162
	EMS	0.0832	0.069	0.083	0.098
	FIRE	0.0849	0.0733	0.0868	0.0952
	LE	0.1538	0.1322	0.1393	0.1853
Tribal governments/organizations (Q29c.f)	ALL	<b>0.0253</b>	0.0302	0.0266	0.0183
	ECC	0.0299	0.0545	0.0215	0.0139
	EM	0.0457	0.0556	0.0482	0.0303
	EMS	0.0205	0.0307	0.0264	0.0039
	FIRE	0.0148	0.0264	0.0112	0.0063
	LE	0.0353	0.0573	0.0286	0.0245
NGOs/private sector (Q29c.g)	ALL	<b>0.106</b>	0.0906	0.1088	0.1199
	ECC	0.145	0.1273	0.1545	0.1528
	EM	0.1578	0.1468	0.1667	0.1616
	EMS	0.0883	0.0766	0.0906	0.098
	FIRE	0.0721	0.0557	0.0644	0.0984
	LE	0.116	0.1013	0.1143	0.1294

International/cross-border entities (Q29c.h)	<b>ALL</b>	<b>0.0099</b>	0.0063	0.0048	0.0197
	<b>ECC</b>	0.006	NR	NR	0.0185
	<b>EM</b>	0.0133	0.0079	0.0132	0.0202
	<b>EMS</b>	0.0051	0.0077	NR	0.0078
	<b>FIRE</b>	0.0069	0.0059	0.0028	0.0127
	<b>LE</b>	0.0101	0.0044	NR	0.0245
None of the above (Q29c.i)	<b>ALL</b>	<b>0.1999</b>	0.2239	0.1898	0.1848
	<b>ECC</b>	0.1599	0.1727	0.1588	0.1481
	<b>EM</b>	0.1578	0.1587	0.1535	0.1616
	<b>EMS</b>	0.2279	0.2529	0.2113	0.2196
	<b>FIRE</b>	0.228	0.2551	0.2297	0.1968
	<b>LE</b>	0.1828	0.1718	0.2036	0.1713



Q30\_1.1) Are your organization's personnel adequately trained to achieve communications operability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.9151	0.8787	0.9224	0.9488
	ECC	0.9688	0.9636	0.9615	0.9817
	EM	0.8914	0.8238	0.9068	0.9606
	EMS	0.9135	0.8989	0.9113	0.9313
	FIRE	0.9142	0.8923	0.9182	0.9344
	LE	0.94	0.9087	0.9379	0.9684
No	ALL	0.0849	0.1213	0.0776	0.0512
	ECC	0.0312	0.0364	0.0385	0.0183
	EM	0.1086	0.1762	0.0932	0.0394
	EMS	0.0865	0.1011	0.0887	0.0687
	FIRE	0.0858	0.1077	0.0818	0.0656
	LE	0.06	0.0913	0.0621	0.0316

Q30\_1.2) Are your organization's personnel adequately trained to achieve communications operability in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7149	0.6718	0.7173	0.7622
	ECC	0.8286	0.8265	0.8205	0.8394
	EM	0.7067	0.6398	0.7161	0.7822
	EMS	0.6838	0.64	0.6986	0.7137
	FIRE	0.6792	0.6537	0.6807	0.7062
	LE	0.7872	0.7657	0.7517	0.8415
No	ALL	0.2851	0.3282	0.2827	0.2378
	ECC	0.1714	0.1735	0.1795	0.1606
	EM	0.2933	0.3602	0.2839	0.2178
	EMS	0.3162	0.36	0.3014	0.2863
	FIRE	0.3208	0.3463	0.3193	0.2938
	LE	0.2128	0.2343	0.2483	0.1585

Q30\_2.1) Are your organization's personnel adequately trained to achieve communications interoperability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7948	0.7539	0.8012	0.835
	ECC	0.8839	0.8773	0.8798	0.895
	EM	0.7708	0.7165	0.7778	0.8325
	EMS	0.7656	0.7329	0.7651	0.8008
	FIRE	0.7656	0.7403	0.7613	0.7994
	LE	0.855	0.834	0.8333	0.8947
No	ALL	0.2052	0.2461	0.1988	0.165
	ECC	0.1161	0.1227	0.1202	0.105
	EM	0.2292	0.2835	0.2222	0.1675
	EMS	0.2344	0.2671	0.2349	0.1992
	FIRE	0.2344	0.2597	0.2387	0.2006
	LE	0.145	0.166	0.1667	0.1053

Q30\_2.2) Are your organization's personnel adequately trained to achieve communications interoperability in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.5517	0.5227	0.5371	0.6031
	ECC	0.6438	0.6347	0.6453	0.6514
	EM	0.5308	0.4904	0.5212	0.5941
	EMS	0.5012	0.4909	0.4787	0.5364
	FIRE	0.518	0.5014	0.5026	0.5549
	LE	0.6531	0.6527	0.6103	0.6972
No	ALL	0.4483	0.4773	0.4629	0.3969
	ECC	0.3562	0.3653	0.3547	0.3486
	EM	0.4692	0.5096	0.4788	0.4059
	EMS	0.4988	0.5091	0.5213	0.4636
	FIRE	0.482	0.4986	0.4974	0.4451
	LE	0.3469	0.3473	0.3897	0.3028

Q30\_3.1) Are your organization's personnel adequately trained to achieve communications continuity in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7478	0.7232	0.7337	0.7933
	ECC	0.8366	0.85	0.8162	0.8447
	EM	0.721	0.6731	0.7415	0.7586
	EMS	0.7061	0.704	0.6738	0.7433
	FIRE	0.712	0.7182	0.6799	0.7429
	LE	0.8288	0.841	0.7917	0.8561
No	ALL	0.2522	0.2768	0.2663	0.2067
	ECC	0.1634	0.15	0.1838	0.1553
	EM	0.279	0.3269	0.2585	0.2414
	EMS	0.2939	0.296	0.3262	0.2567
	FIRE	0.288	0.2818	0.3201	0.2571
	LE	0.1712	0.159	0.2083	0.1439

Q30\_3.1) Are your organization's personnel adequately trained to achieve communications continuity in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.5215	0.5048	0.5105	0.5543
	ECC	0.6161	0.6227	0.6325	0.5917
	EM	0.4771	0.4559	0.4851	0.495
	EMS	0.4731	0.4855	0.4555	0.4789
	FIRE	0.4839	0.4779	0.4748	0.5016
	LE	0.6301	0.6318	0.5972	0.662
No	ALL	0.4785	0.4952	0.4895	0.4457
	ECC	0.3839	0.3773	0.3675	0.4083
	EM	0.5229	0.5441	0.5149	0.505
	EMS	0.5269	0.5145	0.5445	0.5211
	FIRE	0.5161	0.5221	0.5252	0.4984
	LE	0.3699	0.3682	0.4028	0.338

Q31) Does your organization participate in or conduct exercises? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.8092	0.7941	0.7942	0.8445
	ECC	0.8596	0.8341	0.8684	0.8756
	EM	0.877	0.8638	0.875	0.8969
	EMS	0.816	0.7774	0.8141	0.8583
	FIRE	0.7965	0.7522	0.7836	0.8603
	LE	0.7448	0.6991	0.7455	0.7823
No	ALL	0.1908	0.2059	0.2058	0.1555
	ECC	0.1404	0.1659	0.1316	0.1244
	EM	0.123	0.1362	0.125	0.1031
	EMS	0.184	0.2226	0.1859	0.1417
	FIRE	0.2035	0.2478	0.2164	0.1397
	LE	0.2552	0.3009	0.2545	0.2177

**Q31a) Select the types of capabilities included as part of the exercises in which your organization either participates or conducts.** (SATA) Note: quantities are proportions of local respondents that selected "Yes" on Q31.

Answer Option	Discipline	All	Rural	Urban	Metro
Communications operability (voice) (Q31a.a)	ALL	<b>0.8892</b>	0.8809	0.9045	0.8812
	ECC	0.9186	0.9364	0.9091	0.9121
	EM	0.9195	0.9005	0.9507	0.907
	EMS	0.9109	0.8883	0.9224	0.9209
	FIRE	0.8969	0.8774	0.8986	0.9142
	LE	0.8438	0.8397	0.8413	0.8491
Communications operability (data) (Q31a.b)	ALL	<b>0.3678</b>	0.3197	0.3833	0.4024
	ECC	0.5099	0.5434	0.5202	0.467
	EM	0.4396	0.3937	0.4631	0.4709
	EMS	0.3344	0.2864	0.347	0.3674
	FIRE	0.2798	0.2146	0.2797	0.3433
	LE	0.4306	0.3846	0.4423	0.4528
Communications interoperability (voice) (Q31a.c)	ALL	<b>0.6481</b>	0.5987	0.6667	0.6808
	ECC	0.7758	0.7225	0.7879	0.8132
	EM	0.7232	0.7059	0.7389	0.7267
	EMS	0.6141	0.5437	0.6393	0.6558
	FIRE	0.6061	0.5134	0.6154	0.6866
	LE	0.6285	0.5641	0.6202	0.684
Communications interoperability (data) (Q31a.d)	ALL	<b>0.2607</b>	0.2022	0.2848	0.2971
	ECC	0.3761	0.3584	0.4141	0.3516
	EM	0.3272	0.2489	0.3498	0.4012
	EMS	0.2297	0.1408	0.2648	0.2791
	FIRE	0.1902	0.1303	0.2063	0.2313
	LE	0.3264	0.2885	0.3317	0.3491
Communications continuity (voice) (Q31a.e)	ALL	<b>0.4425</b>	0.431	0.4394	0.4584
	ECC	0.5606	0.5838	0.5455	0.5549
	EM	0.4983	0.4661	0.5074	0.5291
	EMS	0.4188	0.3981	0.4475	0.4093
	FIRE	0.3828	0.3678	0.3846	0.3955
	LE	0.4844	0.4487	0.4663	0.5283
Communications continuity (data) (Q31a.f)	ALL	<b>0.2825</b>	0.2555	0.2879	0.3056
	ECC	0.4014	0.4393	0.4192	0.3462
	EM	0.3205	0.2941	0.3202	0.3547
	EMS	0.2344	0.2087	0.2466	0.2465
	FIRE	0.2037	0.1839	0.1993	0.2276
	LE	0.3559	0.3654	0.351	0.3538
Cyber incident response and recovery (Q31a.g)	ALL	<b>0.1245</b>	0.0893	0.1242	0.163
	ECC	0.1682	0.1734	0.1566	0.1758
	EM	0.146	0.1086	0.1626	0.1744
	EMS	0.1031	0.068	0.1142	0.1256
	FIRE	0.081	0.046	0.0979	0.097
	LE	0.1823	0.141	0.1827	0.2123



Radio/device encrypted interoperability (Q31a.h)	ALL	<b>0.2432</b>	0.1834	0.2348	0.3175
	ECC	0.3418	0.3006	0.3232	0.4011
	EM	0.2802	0.2172	0.2808	0.3605
	EMS	0.2172	0.1553	0.2283	0.2651
	FIRE	0.1914	0.1264	0.1818	0.2649
	LE	0.349	0.2692	0.3462	0.4104
Social media (Q31a.i)	ALL	<b>0.3196</b>	0.3307	0.3045	0.3243
	ECC	0.2929	0.341	0.2879	0.2527
	EM	0.3893	0.4118	0.3842	0.3663
	EMS	0.275	0.267	0.2648	0.293
	FIRE	0.281	0.2759	0.2867	0.2799
	LE	0.3438	0.359	0.3125	0.3632
None of the above (Q31a.j)	ALL	<b>0.0636</b>	0.0752	0.053	0.0628
	ECC	0.0488	0.0405	0.0505	0.0549
	EM	0.0352	0.0407	0.0296	0.0349
	EMS	0.05	0.0728	0.0365	0.0419
	FIRE	0.0613	0.0805	0.0559	0.0485
	LE	0.0868	0.0833	0.0962	0.0802

**Q31b) Select the types of roles included as part of the exercises in which your organization either participates or conducts.** (SATA) Note: quantities are proportions of local respondents that selected "Yes" on Q31.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Auxiliary Communications (AUXCOMM) (Q31b.a)	ALL	<b>0.1889</b>	0.1703	0.2061	0.1897
	ECC	0.2401	0.2312	0.2475	0.2404
	EM	0.2807	0.25	0.3054	0.2907
	EMS	0.1444	0.1366	0.1659	0.1302
	FIRE	0.1238	0.1236	0.1307	0.1165
	LE	0.1769	0.1765	0.2029	0.1517
Incident Tactical Dispatch (INTD) (Q31b.b)	ALL	<b>0.2279</b>	0.1798	0.2458	0.2598
	ECC	0.3556	0.3179	0.3838	0.3607
	EM	0.2202	0.1773	0.2562	0.2326
	EMS	0.1805	0.1512	0.1982	0.1907
	FIRE	0.1745	0.1351	0.1908	0.1955
	LE	0.324	0.2876	0.3382	0.3365
Communications Unit Leader (COML) (Q31b.c)	ALL	<b>0.2647</b>	0.2003	0.2824	0.3145
	ECC	0.3755	0.2717	0.399	0.4481
	EM	0.3479	0.2818	0.3695	0.407
	EMS	0.2276	0.1415	0.2442	0.293
	FIRE	0.2104	0.1544	0.2049	0.2707
	LE	0.2592	0.1699	0.256	0.327
Communications Unit Technician (COMT) (Q31b.d)	ALL	<b>0.1398</b>	0.0915	0.142	0.1897
	ECC	0.2256	0.1503	0.2121	0.3115
	EM	0.1966	0.1227	0.2266	0.2558
	EMS	0.1224	0.0634	0.1244	0.1767
	FIRE	0.1077	0.0618	0.0989	0.1617
	LE	0.1349	0.1111	0.1014	0.1848
Communications coordinator (COMC) (Q31b.e)	ALL	<b>0.2065</b>	0.194	0.2092	0.2171
	ECC	0.296	0.3121	0.2879	0.2896
	EM	0.2437	0.2273	0.2463	0.2616
	EMS	0.1743	0.1561	0.1843	0.1814
	FIRE	0.1634	0.1583	0.1519	0.1805
	LE	0.2644	0.2941	0.2174	0.2891
IT Services Unit Leader (ITSL) (Q31b.f)	ALL	<b>0.0854</b>	0.0489	0.0824	0.1282
	ECC	0.1137	0.0809	0.1162	0.1421
	EM	0.1059	0.0636	0.1084	0.157
	EMS	0.0754	0.0439	0.0783	0.1023
	FIRE	0.0656	0.0502	0.0601	0.0865
	LE	0.1191	0.0915	0.1014	0.1564
Mobile command post/mobile communications center (Q31b.g)	ALL	<b>0.508</b>	0.4432	0.5282	0.5556
	ECC	0.5722	0.5145	0.6162	0.5792
	EM	0.5866	0.55	0.6355	0.5756
	EMS	0.471	0.3756	0.5023	0.5302
	FIRE	0.4468	0.3591	0.4417	0.5376
	LE	0.5166	0.451	0.5024	0.5782

None of the above (Q31b.h)	<b>ALL</b>	<b>0.3228</b>	0.3738	0.3206	0.2701
	<b>ECC</b>	0.2184	0.237	0.2172	0.2022
	<b>EM</b>	0.2319	0.2545	0.2167	0.2209
	<b>EMS</b>	0.3752	0.4683	0.3502	0.3116
	<b>FIRE</b>	0.3985	0.4595	0.417	0.3195
	<b>LE</b>	0.2732	0.3007	0.3188	0.2085

Q31c) Select the statement that best characterizes how your organization evaluates communications as an exercise objective. (SOR) Note: quantities are proportions of local respondents that selected "Yes" on Q31.

Answer Option	Discipline	All	Rural	Urban	Metro
Communications is not an exercise objective	ALL	0.055	0.0692	0.0397	0.0568
	ECC	0.04	0.052	0.0305	0.0389
	EM	0.0404	0.0498	0.0198	0.0526
	EMS	0.055	0.0728	0.0369	0.0563
	FIRE	0.0606	0.069	0.0495	0.0644
	LE	0.058	0.1039	0.0388	0.0431
Communications is not evaluated	ALL	0.0753	0.0881	0.0809	0.0551
	ECC	0.0418	0.0347	0.0711	0.0167
	EM	0.0455	0.0543	0.0495	0.0292
	EMS	0.0881	0.1068	0.1014	0.0563
	FIRE	0.0928	0.1149	0.106	0.0568
	LE	0.0721	0.0584	0.0971	0.0574
Communications is evaluated but not documented	ALL	0.2991	0.3412	0.2779	0.2771
	ECC	0.2436	0.2717	0.2081	0.2556
	EM	0.1953	0.2127	0.1832	0.1871
	EMS	0.3616	0.4078	0.3456	0.3333
	FIRE	0.3899	0.4598	0.3534	0.3598
	LE	0.2707	0.3117	0.2621	0.2488
Communications is evaluated and documented	ALL	0.4065	0.3239	0.4366	0.463
	ECC	0.52	0.422	0.5584	0.5722
	EM	0.3788	0.3258	0.4059	0.4152
	EMS	0.3884	0.3058	0.4101	0.446
	FIRE	0.3738	0.2797	0.424	0.4129
	LE	0.4886	0.3831	0.5291	0.5263
Communications is evaluated and documented in accordance with the Homeland Security Exercise Evaluation Program (HSEEP)	ALL	0.164	0.1777	0.1649	0.148
	ECC	0.1545	0.2197	0.132	0.1167
	EM	0.3401	0.3575	0.3416	0.3158
	EMS	0.1069	0.1068	0.106	0.108
	FIRE	0.0829	0.0766	0.0671	0.1061
	LE	0.1107	0.1429	0.0728	0.1244

**Q31d) My organization does not participate in exercises because it has.** (SATA) Note: quantities are proportions of local respondents that selected "No" on Q31.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
No personnel for exercise coordination (Q31d.a)	ALL	<b>0.3548</b>	0.335	0.4126	0.2963
	ECC	0.2586	0.1591	0.4167	0.2222
	EM	0.3786	0.3	0.5758	0.2667
	EMS	0.3652	0.3429	0.4286	0.3111
	FIRE	0.3571	0.3714	0.4105	0.2308
	LE	0.3238	0.2706	0.4458	0.25
Chronically low staffing levels (Q31d.b)	ALL	<b>0.5092</b>	0.5025	0.5583	0.4444
	ECC	0.5862	0.5682	0.6389	0.5556
	EM	0.5631	0.5	0.6667	0.5333
	EMS	0.5899	0.6714	0.619	0.4222
	FIRE	0.5159	0.5143	0.5895	0.3846
	LE	0.4795	0.4588	0.5422	0.4342
No funding available to participate in exercises sponsored by other organizations (Q31d.c)	ALL	<b>0.4081</b>	0.4433	0.4029	0.363
	ECC	0.319	0.3182	0.25	0.3889
	EM	0.4854	0.475	0.4848	0.5
	EMS	0.4663	0.4857	0.4762	0.4222
	FIRE	0.4008	0.4381	0.3789	0.3654
	LE	0.3811	0.4118	0.4217	0.3026
No funding available to backfill personnel attending exercises (Q31d.d)	ALL	<b>0.296</b>	0.3153	0.3107	0.2444
	ECC	0.3534	0.3182	0.3889	0.3611
	EM	0.3981	0.35	0.5152	0.3333
	EMS	0.3708	0.4	0.4127	0.2667
	FIRE	0.2222	0.219	0.2316	0.2115
	LE	0.3525	0.4	0.4096	0.2368
Insufficient overtime funding to allow staff to participate in exercises conducted by my organization (Q31d.e)	ALL	<b>0.2022</b>	0.202	0.2476	0.1333
	ECC	0.3017	0.25	0.4167	0.25
	EM	0.2136	0.1	0.4242	0.1333
	EMS	0.264	0.2571	0.3492	0.1556
	FIRE	0.1548	0.1333	0.1895	0.1346
	LE	0.2705	0.3059	0.3253	0.1711
Insufficient overtime funding to allow staff to participate in exercises conducted by other organizations (Q31d.f)	ALL	<b>0.1949</b>	0.202	0.233	0.1259
	ECC	0.2845	0.2727	0.3333	0.25
	EM	0.2136	0.125	0.4242	0.1
	EMS	0.2303	0.2429	0.3016	0.1111
	FIRE	0.1429	0.1333	0.1789	0.0962
	LE	0.25	0.3059	0.2771	0.1579
Limited exercises opportunities (Q31d.g)	ALL	<b>0.5331</b>	0.532	0.5194	0.5556
	ECC	0.6293	0.5227	0.75	0.6389
	EM	0.534	0.5	0.5152	0.6
	EMS	0.5506	0.4857	0.6032	0.5778
	FIRE	0.5476	0.6095	0.4737	0.5577
	LE	0.5	0.4588	0.5663	0.4737

Competing organizational priorities (Q31d.h)	ALL	<b>0.1949</b>	0.1281	0.2087	0.2741
	ECC	0.2414	0.0909	0.2778	0.3889
	EM	0.233	0.125	0.2424	0.3667
	EMS	0.236	0.1714	0.2381	0.3333
	FIRE	0.1944	0.1333	0.1895	0.3269
	LE	0.1803	0.1176	0.1807	0.25
None of the above (Q31d.i)	ALL	<b>0.1195</b>	0.1281	0.0922	0.1481
	ECC	0.0948	0.1136	0.0833	0.0833
	EM	0.0971	0.15	0.0303	0.1
	EMS	0.0899	0.1	0.0635	0.1111
	FIRE	0.127	0.1429	0.1158	0.1154
	LE	0.1311	0.1529	0.0482	0.1974

Q32) Complete this sentence: "My organization \_\_\_\_\_ emergency communications-focused exercises.  
(SOR).

Answer Option	Discipline	All	Rural	Urban	Metro
Does not participate in or conduct	ALL	<b>0.3221</b>	0.3543	0.3202	0.2865
	ECC	0.2307	0.25	0.2308	0.211
	EM	0.2189	0.249	0.2034	0.198
	EMS	0.3468	0.4152	0.3167	0.3062
	FIRE	0.3543	0.4016	0.3553	0.2987
	LE	0.3591	0.4042	0.3711	0.3088
Participates in	ALL	<b>0.4238</b>	0.4088	0.4416	0.42
	ECC	0.4836	0.4773	0.5128	0.4587
	EM	0.3863	0.3716	0.4068	0.3812
	EMS	0.4314	0.4007	0.484	0.407
	FIRE	0.4201	0.4016	0.4342	0.4245
	LE	0.413	0.3917	0.4364	0.407
Conducts	ALL	<b>0.0478</b>	0.0545	0.0382	0.0515
	ECC	0.0432	0.05	0.0385	0.0413
	EM	0.0544	0.0575	0.0466	0.0594
	EMS	0.0466	0.0505	0.0356	0.0543
	FIRE	0.0536	0.0683	0.0316	0.0629
	LE	0.0404	0.0542	0.0241	0.0456
Participates in and conducts	ALL	<b>0.2063</b>	0.1825	0.2	0.242
	ECC	0.2426	0.2227	0.2179	0.289
	EM	0.3405	0.3218	0.3432	0.3614
	EMS	0.1752	0.1336	0.1637	0.2326
	FIRE	0.172	0.1284	0.1789	0.2138
	LE	0.1875	0.15	0.1684	0.2386

**Q32a) Select the types of emergency communications-focused exercises your organization participates in or conducts.** (SATA) Note: quantities are proportions of local respondents that did not select "Does not participate in or conduct" on Q32.

Answer Option	Discipline	All	Rural	Urban	Metro
Simulations (Q32a.a)	ALL	<b>0.6912</b>	0.6611	0.6905	0.7237
	ECC	0.7267	0.6871	0.7278	0.763
	EM	0.6172	0.5538	0.6383	0.6687
	EMS	0.7486	0.7453	0.7396	0.7611
	FIRE	0.7318	0.7294	0.7265	0.7399
	LE	0.673	0.6549	0.6721	0.6869
Equipment tests and/or drills (Q32a.b)	ALL	<b>0.7605</b>	0.7514	0.7568	0.7743
	ECC	0.8004	0.7669	0.8222	0.8092
	EM	0.815	0.8154	0.8404	0.7853
	EMS	0.758	0.7888	0.7292	0.7611
	FIRE	0.7449	0.7294	0.751	0.7534
	LE	0.7342	0.6831	0.7158	0.7879
Seminars/workshops (Q32a.c)	ALL	<b>0.3726</b>	0.3517	0.3622	0.4066
	ECC	0.5155	0.4847	0.4833	0.578
	EM	0.4322	0.3846	0.4628	0.454
	EMS	0.3039	0.2547	0.276	0.3778
	FIRE	0.3032	0.289	0.2816	0.3408
	LE	0.4207	0.3944	0.3989	0.4596
Tabletops (Q32a.d)	ALL	<b>0.7289</b>	0.6998	0.7398	0.7471
	ECC	0.7713	0.7791	0.7611	0.7746
	EM	0.7674	0.7385	0.7926	0.773
	EMS	0.7205	0.6832	0.7292	0.7444
	FIRE	0.7012	0.656	0.702	0.7444
	LE	0.6845	0.6338	0.6831	0.7222
Functional (Q32a.e)	ALL	<b>0.4565</b>	0.4475	0.466	0.4553
	ECC	0.4845	0.5337	0.4722	0.4509
	EM	0.6154	0.6513	0.6117	0.5767
	EMS	0.4146	0.3665	0.4271	0.4444
	FIRE	0.4009	0.344	0.4041	0.4529
	LE	0.392	0.3873	0.3989	0.3889
Full-scale (Q32a.f)	ALL	<b>0.4122</b>	0.4162	0.4235	0.3949
	ECC	0.4593	0.4663	0.4778	0.4335
	EM	0.5201	0.5333	0.5106	0.5153
	EMS	0.3771	0.3665	0.3646	0.4
	FIRE	0.395	0.367	0.4	0.417
	LE	0.3537	0.3451	0.377	0.3384



**Q32b) The emergency communications-focused simulations our organization participates in or conducts includes:** (SATA) Note: quantities are proportions of local respondents that did not select "Does not participate in or conduct" on Q32.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Other public safety organizations in the same jurisdiction (Q32b.a)	ALL	<b>0.9164</b>	0.929	0.9075	0.9141
	ECC	0.9429	0.9545	0.9538	0.9219
	EM	0.9219	0.9346	0.9407	0.8889
	EMS	0.9231	0.9145	0.9149	0.9394
	FIRE	0.8971	0.9026	0.875	0.9167
	LE	0.9304	0.9457	0.9421	0.9091
Other government organizations in the same jurisdiction that support public safety (Q32b.b)	ALL	<b>0.752</b>	0.7188	0.7725	0.7618
	ECC	0.788	0.7818	0.8077	0.7734
	EM	0.8318	0.8131	0.8475	0.8333
	EMS	0.7513	0.6838	0.8014	0.7576
	FIRE	0.714	0.6558	0.7273	0.7564
	LE	0.7565	0.7391	0.7769	0.75
Other local governments (Q32b.c)	ALL	<b>0.6451</b>	0.5881	0.6725	0.6704
	ECC	0.6495	0.5909	0.7077	0.6406
	EM	0.7387	0.7196	0.7542	0.7407
	EMS	0.6205	0.5897	0.6809	0.5833
	FIRE	0.6152	0.5714	0.6477	0.6218
	LE	0.6957	0.663	0.686	0.7273
State/territorial governments (Q32b.d)	ALL	<b>0.4438</b>	0.4119	0.4575	0.4598
	ECC	0.5082	0.5091	0.5462	0.4688
	EM	0.5526	0.5047	0.5339	0.6204
	EMS	0.4026	0.3419	0.4823	0.3712
	FIRE	0.356	0.3182	0.375	0.3718
	LE	0.4986	0.4891	0.4959	0.5076
Federal departments/agencies (Q32b.e)	ALL	<b>0.1734</b>	0.142	0.165	0.2133
	ECC	0.2255	0.1909	0.2308	0.25
	EM	0.1982	0.1776	0.1864	0.2315
	EMS	0.1538	0.1453	0.1702	0.1439
	FIRE	0.1379	0.1364	0.125	0.1538
	LE	0.2754	0.2065	0.2562	0.3409
Tribal governments/organizations (Q32b.f)	ALL	<b>0.0449</b>	0.0511	0.05	0.0332
	ECC	0.0435	0.0636	0.0462	0.0234
	EM	0.0601	0.0561	0.0678	0.0556
	EMS	0.0333	0.0342	0.0567	0.0076
	FIRE	0.0247	0.0455	0.017	0.0128
	LE	0.0551	0.0652	0.0496	0.053
NGOs/private sector (Q32b.g)	ALL	<b>0.1977</b>	0.1989	0.1875	0.2078
	ECC	0.2418	0.2364	0.2385	0.25
	EM	0.2853	0.3084	0.2373	0.3148
	EMS	0.1641	0.1538	0.1773	0.1591
	FIRE	0.1461	0.1364	0.142	0.1603
	LE	0.2203	0.2391	0.2066	0.2197

International/cross-border entities (Q32b.h)	<b>ALL</b>	<b>0.0198</b>	0.0227	0.0075	0.0305
	<b>ECC</b>	0.019	0.0273	0.0077	0.0234
	<b>EM</b>	0.036	0.028	0.0169	0.0648
	<b>EMS</b>	0.0154	0.0256	NR	0.0227
	<b>FIRE</b>	0.0144	0.0195	NR	0.0256
	<b>LE</b>	0.0145	0.0217	NR	0.0227

**Q32c) The emergency communications-focused equipment tests and/or drills our organization participates in or conducts includes:** (SATA) Note: quantities are proportions of local respondents that did not select "Does not participate in or conduct" on Q32.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Other public safety organizations in the same jurisdiction (Q32c.a)	ALL	<b>0.9143</b>	0.9196	0.9218	0.9003
	ECC	0.9479	0.9677	0.9658	0.9098
	EM	0.9269	0.9114	0.949	0.9187
	EMS	0.9209	0.9194	0.9275	0.9154
	FIRE	0.89	0.8896	0.8827	0.8987
	LE	0.9035	0.9043	0.9453	0.8675
Other government organizations in the same jurisdiction that support public safety (Q32c.b)	ALL	<b>0.7504</b>	0.6985	0.7862	0.7638
	ECC	0.7667	0.7661	0.7671	0.7669
	EM	0.8128	0.7848	0.8408	0.813
	EMS	0.7423	0.6613	0.7609	0.8
	FIRE	0.7312	0.6169	0.7821	0.7848
	LE	0.7641	0.7021	0.8203	0.755
Other local governments (Q32c.c)	ALL	<b>0.6326</b>	0.5879	0.646	0.664
	ECC	0.6476	0.5887	0.6781	0.6692
	EM	0.6826	0.7025	0.6688	0.6748
	EMS	0.6046	0.5403	0.6522	0.6154
	FIRE	0.609	0.5779	0.6145	0.6329
	LE	0.6756	0.5957	0.7031	0.702
State/territorial governments (Q32c.d)	ALL	<b>0.4308</b>	0.4045	0.4552	0.4304
	ECC	0.4665	0.4355	0.5342	0.4211
	EM	0.5365	0.5	0.5478	0.5691
	EMS	0.4056	0.3468	0.471	0.3923
	FIRE	0.3646	0.3117	0.4022	0.3734
	LE	0.4424	0.4255	0.4609	0.4371
Federal departments/agencies (Q32c.e)	ALL	<b>0.1507</b>	0.1231	0.1494	0.1811
	ECC	0.1886	0.1532	0.1849	0.2256
	EM	0.1644	0.1329	0.1656	0.2033
	EMS	0.1582	0.129	0.1739	0.1692
	FIRE	0.1365	0.1234	0.1397	0.1456
	LE	0.2198	0.1489	0.2109	0.2715
Tribal governments/organizations (Q32c.f)	ALL	<b>0.0445</b>	0.0653	0.0368	0.0315
	ECC	0.0323	0.0484	0.0342	0.015
	EM	0.0708	0.1076	0.051	0.0488
	EMS	0.023	0.0323	0.029	0.0077
	FIRE	0.0183	0.039	0.0056	0.0127
	LE	0.0456	0.0532	0.0469	0.0397
NGOs/private sector (Q32c.g)	ALL	<b>0.1722</b>	0.1683	0.1724	0.1759
	ECC	0.1811	0.1613	0.1781	0.203
	EM	0.242	0.2215	0.2548	0.252
	EMS	0.1454	0.129	0.1377	0.1692
	FIRE	0.1222	0.1039	0.1061	0.1582
	LE	0.1716	0.1596	0.1797	0.1722

International/cross-border entities (Q32c.h)	<b>ALL</b>	<b>0.0222</b>	0.0226	0.0115	0.0341
	<b>ECC</b>	0.0199	0.0161	0.0068	0.0376
	<b>EM</b>	0.032	0.0253	0.0255	0.0488
	<b>EMS</b>	0.0153	0.0323	0.0072	0.0077
	<b>FIRE</b>	0.0122	0.026	NR	0.0127
	<b>LE</b>	0.0188	0.0213	0.0078	0.0265

**Q32d) The emergency communications-focused seminars/workshops our organization participates in or conducts includes:** (SATA) Note: quantities are proportions of local respondents that did not select "Does not participate in or conduct" on Q32.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Other public safety organizations in the same jurisdiction (Q32d.a)	ALL	<b>0.9151</b>	0.875	0.934	0.9317
	ECC	0.9389	0.9091	0.9655	0.9388
	EM	0.9316	0.8784	0.9655	0.9452
	EMS	0.9062	0.825	0.9434	0.9254
	FIRE	0.8927	0.8065	0.9275	0.9324
	LE	0.9163	0.8519	0.9306	0.9438
Other government organizations in the same jurisdiction that support public safety (Q32d.b)	ALL	<b>0.8236</b>	0.8043	0.8585	0.8049
	ECC	0.8321	0.8701	0.8391	0.7959
	EM	0.8889	0.9189	0.908	0.8356
	EMS	0.8438	0.775	0.9434	0.806
	FIRE	0.8	0.7097	0.8841	0.7973
	LE	0.8326	0.8148	0.8889	0.7978
Other local governments (Q32d.c)	ALL	<b>0.7571</b>	0.6685	0.7925	0.8
	ECC	0.7481	0.6753	0.8161	0.7449
	EM	0.8077	0.7703	0.8046	0.8493
	EMS	0.7688	0.575	0.8868	0.791
	FIRE	0.7122	0.5484	0.7971	0.7703
	LE	0.7953	0.7037	0.8056	0.8427
State/territorial governments (Q32d.d)	ALL	<b>0.6073</b>	0.5543	0.6415	0.6195
	ECC	0.6183	0.5584	0.7356	0.5612
	EM	0.6325	0.5811	0.6552	0.6575
	EMS	0.6312	0.6	0.717	0.5821
	FIRE	0.5463	0.5161	0.5797	0.5405
	LE	0.614	0.5741	0.6806	0.5843
Federal departments/agencies (Q32d.e)	ALL	<b>0.2529</b>	0.212	0.2453	0.2976
	ECC	0.2824	0.2208	0.3103	0.3061
	EM	0.2265	0.1892	0.2414	0.2466
	EMS	0.2875	0.225	0.3396	0.2836
	FIRE	0.239	0.2097	0.2609	0.2432
	LE	0.3349	0.2593	0.3472	0.3708
Tribal governments/organizations (Q32d.f)	ALL	<b>0.0649</b>	0.1033	0.0472	0.0488
	ECC	0.0611	0.1039	0.046	0.0408
	EM	0.0726	0.1216	0.023	0.0822
	EMS	0.0437	0.05	0.0566	0.0299
	FIRE	0.0341	0.0645	0.0145	0.027
	LE	0.0744	0.1111	0.0417	0.0787
NGOs/private sector (Q32d.g)	ALL	<b>0.2712</b>	0.288	0.2453	0.2829
	ECC	0.2634	0.2727	0.2414	0.2755
	EM	0.3077	0.3649	0.2414	0.3288
	EMS	0.275	0.275	0.2642	0.2836
	FIRE	0.2439	0.2258	0.2319	0.2703
	LE	0.2744	0.2593	0.2639	0.2921

International/cross-border entities (Q32d.h)	<b>ALL</b>	<b>0.0233</b>	0.0272	0.0094	0.0341
	<b>ECC</b>	0.0229	0.026	0.0115	0.0306
	<b>EM</b>	0.0214	0.0135	0.0115	0.0411
	<b>EMS</b>	0.0187	0.025	0.0189	0.0149
	<b>FIRE</b>	0.0146	0.0161	0.0145	0.0135
	<b>LE</b>	0.0233	0.0185	0.0139	0.0337

**Q32e) The emergency communications-focused tabletop exercises our organization participates in or conducts includes:** (SATA) Note: quantities are proportions of local respondents that did not select "Does not participate in or conduct" on Q32.

Answer Option	Discipline	All	Rural	Urban	Metro
Other public safety organizations in the same jurisdiction (Q32e.a)	ALL	0.9272	0.9111	0.9343	0.9353
	ECC	0.9589	0.9603	0.9627	0.9535
	EM	0.9291	0.8873	0.9521	0.9504
	EMS	0.9151	0.8818	0.9197	0.9385
	FIRE	0.8948	0.8561	0.9053	0.9177
	LE	0.9286	0.9205	0.9431	0.9209
Other government organizations in the same jurisdiction that support public safety (Q32e.b)	ALL	0.7997	0.7898	0.8146	0.7925
	ECC	0.8226	0.9127	0.8209	0.7364
	EM	0.8337	0.8099	0.8973	0.7851
	EMS	0.7851	0.7364	0.8175	0.7923
	FIRE	0.7682	0.705	0.7988	0.7911
	LE	0.8029	0.8182	0.7967	0.7986
Other local governments (Q32e.c)	ALL	0.7123	0.6765	0.7324	0.7251
	ECC	0.7326	0.7222	0.7761	0.6977
	EM	0.7751	0.7676	0.7945	0.7603
	EMS	0.6552	0.6364	0.7007	0.6231
	FIRE	0.6695	0.6403	0.7041	0.6582
	LE	0.74	0.7273	0.748	0.741
State/territorial governments (Q32e.d)	ALL	0.4957	0.4528	0.5188	0.5121
	ECC	0.5193	0.4683	0.5672	0.5194
	EM	0.5795	0.5634	0.589	0.5868
	EMS	0.4456	0.3909	0.4891	0.4462
	FIRE	0.4227	0.3597	0.4438	0.4557
	LE	0.5257	0.5568	0.5285	0.5036
Federal departments/agencies (Q32e.e)	ALL	0.2159	0.1779	0.2113	0.2595
	ECC	0.2571	0.2143	0.2687	0.2868
	EM	0.2127	0.1831	0.1986	0.2645
	EMS	0.1995	0.2	0.1971	0.2016
	FIRE	0.1914	0.1727	0.1953	0.2038
	LE	0.2971	0.2841	0.2846	0.3165
Tribal governments/organizations (Q32e.f)	ALL	0.0616	0.0701	0.0681	0.0458
	ECC	0.0591	0.0714	0.0672	0.0388
	EM	0.0831	0.0986	0.0753	0.0744
	EMS	0.0557	0.0273	0.1095	0.0231
	FIRE	0.0515	0.0432	0.071	0.038
	LE	0.0629	0.0568	0.065	0.0647
NGOs/private sector (Q32e.g)	ALL	0.2554	0.2722	0.2559	0.2378
	ECC	0.2674	0.3016	0.2239	0.2791
	EM	0.3423	0.3662	0.3288	0.3306
	EMS	0.2234	0.2364	0.2409	0.1938
	FIRE	0.1892	0.1799	0.1953	0.1911
	LE	0.2714	0.3409	0.2683	0.2302

International/cross-border entities (Q32e.h)	<b>ALL</b>	<b>0.0163</b>	0.0135	0.007	0.0297
	<b>ECC</b>	0.0206	0.0238	0.0149	0.0233
	<b>EM</b>	0.022	0.0211	0.0068	0.0413
	<b>EMS</b>	0.0133	0.0091	0.0073	0.0233
	<b>FIRE</b>	0.0108	0.0072	0.0059	0.0191
	<b>LE</b>	0.02	0.0114	0.0081	0.036



**Q32f) The emergency communications-focused functional exercises our organization participates in or conducts includes:** (SATA) Note: quantities are proportions of local respondents that did not select "Does not participate in or conduct" on Q32.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Other public safety organizations in the same jurisdiction (Q32f.a)	ALL	<b>0.9361</b>	0.962	0.9182	0.9301
	ECC	0.9634	1	0.9286	0.9605
	EM	0.9399	0.9449	0.9381	0.9355
	EMS	0.9312	0.9828	0.9012	0.9241
	FIRE	0.903	0.9722	0.8776	0.8776
	LE	0.9552	0.9811	0.9583	0.9342
Other government organizations in the same jurisdiction that support public safety (Q32f.b)	ALL	<b>0.8449</b>	0.8439	0.8439	0.8472
	ECC	0.8455	0.907	0.8095	0.8158
	EM	0.8709	0.8661	0.885	0.8602
	EMS	0.8257	0.7759	0.8395	0.8481
	FIRE	0.806	0.7083	0.8265	0.8571
	LE	0.8756	0.8868	0.875	0.8684
Other local governments (Q32f.c)	ALL	<b>0.7728</b>	0.7637	0.7584	0.7991
	ECC	0.7724	0.8023	0.7738	0.7368
	EM	0.8138	0.7874	0.8142	0.8495
	EMS	0.7615	0.7069	0.7531	0.8101
	FIRE	0.75	0.6944	0.7143	0.8265
	LE	0.7711	0.7925	0.7361	0.7895
State/territorial governments (Q32f.d)	ALL	<b>0.6054</b>	0.5907	0.6283	0.5939
	ECC	0.6504	0.6163	0.7381	0.5921
	EM	0.6787	0.6063	0.7345	0.7097
	EMS	0.5734	0.5172	0.6173	0.5696
	FIRE	0.5187	0.4861	0.5102	0.551
	LE	0.6269	0.6792	0.625	0.5921
Federal departments/agencies (Q32f.e)	ALL	<b>0.2599</b>	0.2194	0.2491	0.3144
	ECC	0.313	0.2326	0.3571	0.3553
	EM	0.2402	0.1969	0.2212	0.3226
	EMS	0.2844	0.2414	0.2963	0.3038
	FIRE	0.2425	0.25	0.2347	0.2449
	LE	0.3582	0.283	0.3194	0.4474
Tribal governments/organizations (Q32f.f)	ALL	<b>0.0748</b>	0.097	0.0781	0.048
	ECC	0.0732	0.1163	0.0595	0.0395
	EM	0.0841	0.1181	0.0708	0.0538
	EMS	0.0688	0.0862	0.0988	0.0253
	FIRE	0.056	0.0833	0.0612	0.0306
	LE	0.0846	0.0943	0.0694	0.0921
NGOs/private sector (Q32f.g)	ALL	<b>0.317</b>	0.2996	0.316	0.3362
	ECC	0.3415	0.3372	0.3095	0.3816
	EM	0.3754	0.3307	0.3894	0.4194
	EMS	0.2844	0.2414	0.284	0.3165
	FIRE	0.2463	0.2361	0.2143	0.2857
	LE	0.3532	0.3585	0.3333	0.3684

International/cross-border entities (Q32f.h)	<b>ALL</b>	<b>0.0245</b>	0.0295	0.0112	0.0349
	<b>ECC</b>	0.0203	0.0349	0.0119	0.0132
	<b>EM</b>	0.033	0.0315	0.0177	0.0538
	<b>EMS</b>	0.0229	0.0345	0.0123	0.0253
	<b>FIRE</b>	0.0187	0.0278	0.0102	0.0204
	<b>LE</b>	0.0249	0.0189	0.0139	0.0395

**Q32g) The emergency communications-focused full-scale exercises our organization participates in or conducts includes:** (SATA) Note: quantities are proportions of local respondents that did not select "Does not participate in or conduct" on Q32.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Other public safety organizations in the same jurisdiction (Q32g.a)	ALL	<b>0.9502</b>	0.9417	0.9585	0.9497
	ECC	0.9698	0.9868	0.9762	0.9444
	EM	0.9607	0.9327	0.9787	0.9756
	EMS	0.9442	0.9322	0.971	0.9275
	FIRE	0.9356	0.9487	0.9368	0.9231
	LE	0.956	0.8958	1	0.9545
Other government organizations in the same jurisdiction that support public safety (Q32g.b)	ALL	<b>0.8839</b>	0.8655	0.9046	0.8794
	ECC	0.9052	0.9079	0.9167	0.8889
	EM	0.9214	0.8942	0.9787	0.8902
	EMS	0.8832	0.8814	0.913	0.8551
	FIRE	0.8636	0.8333	0.8947	0.8571
	LE	0.8846	0.875	0.8971	0.8788
Other local governments (Q32g.c)	ALL	<b>0.8054</b>	0.7713	0.8257	0.8191
	ECC	0.8017	0.7763	0.869	0.75
	EM	0.8607	0.8558	0.883	0.8415
	EMS	0.7919	0.7288	0.8116	0.8261
	FIRE	0.7917	0.7051	0.8105	0.8462
	LE	0.8297	0.8125	0.8529	0.8182
State/territorial governments (Q32g.d)	ALL	<b>0.6214</b>	0.6009	0.6432	0.6181
	ECC	0.6466	0.5789	0.7262	0.625
	EM	0.6929	0.7019	0.6915	0.6829
	EMS	0.5787	0.4915	0.6522	0.5797
	FIRE	0.553	0.4744	0.5895	0.5824
	LE	0.6099	0.6042	0.6324	0.5909
Federal departments/agencies (Q32g.e)	ALL	<b>0.2971</b>	0.2152	0.3195	0.3618
	ECC	0.3534	0.2368	0.369	0.4583
	EM	0.2786	0.1827	0.3191	0.3537
	EMS	0.3198	0.2203	0.3478	0.3768
	FIRE	0.2917	0.2436	0.3158	0.3077
	LE	0.4011	0.3125	0.3971	0.4697
Tribal governments/organizations (Q32g.f)	ALL	<b>0.0799</b>	0.0897	0.0747	0.0754
	ECC	0.0733	0.0789	0.0714	0.0694
	EM	0.0714	0.0962	0.0426	0.0732
	EMS	0.0711	0.0508	0.1159	0.0435
	FIRE	0.0606	0.0769	0.0737	0.033
	LE	0.0934	0.0625	0.0588	0.1515
NGOs/private sector (Q32g.g)	ALL	<b>0.3529</b>	0.3498	0.3444	0.3668
	ECC	0.3276	0.3421	0.2738	0.375
	EM	0.4214	0.4231	0.3936	0.4512
	EMS	0.3147	0.3051	0.3478	0.2899
	FIRE	0.2689	0.2564	0.2842	0.2637
	LE	0.3791	0.375	0.3676	0.3939

International/cross-border entities (Q32g.h)	<b>ALL</b>	<b>0.0241</b>	0.0224	0.0207	0.0302
	<b>ECC</b>	0.0302	0.0395	0.0238	0.0278
	<b>EM</b>	0.025	0.0288	0.0213	0.0244
	<b>EMS</b>	0.0203	0.0169	0.0145	0.029
	<b>FIRE</b>	0.0152	0.0128	0.0105	0.022
	<b>LE</b>	0.0385	0.0208	0.0294	0.0606

Q33\_1.1) Have exercises adequately prepared your organization's personnel to achieve communications operability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.8041	0.7718	0.7971	0.8499
	ECC	0.8718	0.8505	0.8728	0.892
	EM	0.8447	0.7938	0.8541	0.8995
	EMS	0.8057	0.7737	0.7956	0.851
	FIRE	0.7933	0.7639	0.7826	0.8397
	LE	0.7891	0.766	0.7617	0.8357
No	ALL	0.1959	0.2282	0.2029	0.1501
	ECC	0.1282	0.1495	0.1272	0.108
	EM	0.1553	0.2062	0.1459	0.1005
	EMS	0.1943	0.2263	0.2044	0.149
	FIRE	0.2067	0.2361	0.2174	0.1603
	LE	0.2109	0.234	0.2383	0.1643

Q33\_1.2) Have exercises adequately prepared your organization's personnel to achieve communications operability in out-of-the-ordinary situations ? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.6488	0.5917	0.6516	0.7121
	ECC	0.7401	0.6995	0.7325	0.7887
	EM	0.6981	0.6148	0.7253	0.7739
	EMS	0.6102	0.5328	0.6423	0.6588
	FIRE	0.5967	0.5361	0.6087	0.6527
	LE	0.6759	0.6137	0.657	0.7464
No	ALL	0.3512	0.4083	0.3484	0.2879
	ECC	0.2599	0.3005	0.2675	0.2113
	EM	0.3019	0.3852	0.2747	0.2261
	EMS	0.3898	0.4672	0.3577	0.3412
	FIRE	0.4033	0.4639	0.3913	0.3473
	LE	0.3241	0.3863	0.343	0.2536

Q33\_2.1) Have exercises adequately prepared your organization's personnel to achieve communications interoperability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7156	0.6723	0.7085	0.7745
	ECC	0.8046	0.771	0.8026	0.8404
	EM	0.762	0.7082	0.7768	0.8141
	EMS	0.6945	0.646	0.6934	0.748
	FIRE	0.6898	0.6528	0.6703	0.7556
	LE	0.7298	0.7021	0.6895	0.7929
No	ALL	0.2844	0.3277	0.2915	0.2255
	ECC	0.1954	0.229	0.1974	0.1596
	EM	0.238	0.2918	0.2232	0.1859
	EMS	0.3055	0.354	0.3066	0.252
	FIRE	0.3102	0.3472	0.3297	0.2444
	LE	0.2702	0.2979	0.3105	0.2071

Q33\_2.2) Have exercises adequately prepared your organization's personnel to achieve communications interoperability in out-of-the-ordinary situations ? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.543	0.5012	0.5436	0.5909
	ECC	0.6269	0.5869	0.636	0.6573
	EM	0.593	0.5352	0.6266	0.6281
	EMS	0.4825	0.438	0.4891	0.5236
	FIRE	0.4836	0.4373	0.4905	0.529
	LE	0.5975	0.5536	0.5776	0.6536
No	ALL	0.457	0.4988	0.4564	0.4091
	ECC	0.3731	0.4131	0.364	0.3427
	EM	0.407	0.4648	0.3734	0.3719
	EMS	0.5175	0.562	0.5109	0.4764
	FIRE	0.5164	0.5627	0.5095	0.471
	LE	0.4025	0.4464	0.4224	0.3464



Q33\_3.1) Have exercises adequately prepared your organization's personnel to achieve communications continuity in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.6734	0.637	0.6631	0.7283
	ECC	0.7638	0.7453	0.7588	0.7877
	EM	0.7114	0.668	0.721	0.7563
	EMS	0.6362	0.5934	0.6314	0.6877
	FIRE	0.6284	0.5961	0.6104	0.6871
	LE	0.7161	0.7124	0.6787	0.7563
No	ALL	0.3266	0.363	0.3369	0.2717
	ECC	0.2362	0.2547	0.2412	0.2123
	EM	0.2886	0.332	0.279	0.2437
	EMS	0.3638	0.4066	0.3686	0.3123
	FIRE	0.3716	0.4039	0.3896	0.3129
	LE	0.2839	0.2876	0.3213	0.2437

Q33\_3.2) Have exercises adequately prepared your organization's personnel to achieve communications continuity in out-of-the-ordinary situations ? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.5011	0.4648	0.5024	0.542
	ECC	0.5841	0.5374	0.6009	0.6132
	EM	0.5189	0.4864	0.5408	0.5354
	EMS	0.4382	0.4073	0.4396	0.4704
	FIRE	0.4421	0.3961	0.4536	0.4822
	LE	0.5658	0.5342	0.5379	0.6201
No	ALL	0.4989	0.5352	0.4976	0.458
	ECC	0.4159	0.4626	0.3991	0.3868
	EM	0.4811	0.5136	0.4592	0.4646
	EMS	0.5618	0.5927	0.5604	0.5296
	FIRE	0.5579	0.6039	0.5464	0.5178
	LE	0.4342	0.4658	0.4621	0.3799

Q34\_1) Select the emergency communications capabilities that are tested (or regularly used) for primary voice.  
(SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
For "day-to-day" situations (Q34_1.a)	ALL	<b>0.861</b>	0.8789	0.8685	0.8324
	ECC	0.8326	0.8738	0.8333	0.7915
	EM	0.8501	0.8421	0.8805	0.8247
	EMS	0.8918	0.9112	0.8958	0.8675
	FIRE	0.8859	0.9045	0.886	0.8651
	LE	0.8333	0.8761	0.837	0.7956
For "out-of-the-ordinary" situations (Q34_1.b)	ALL	<b>0.4459</b>	0.4188	0.4727	0.4451
	ECC	0.5274	0.5388	0.509	0.5355
	EM	0.5202	0.4899	0.5575	0.5155
	EMS	0.4224	0.3629	0.4324	0.4739
	FIRE	0.4101	0.3612	0.416	0.4572
	LE	0.4541	0.4083	0.4852	0.4599
With personnel beyond our organization (Q34_1.c)	ALL	<b>0.3914</b>	0.3776	0.4256	0.3671
	ECC	0.446	0.4223	0.4865	0.4265
	EM	0.4573	0.4534	0.4956	0.4175
	EMS	0.3598	0.3166	0.4015	0.3614
	FIRE	0.3576	0.3254	0.3875	0.3586
	LE	0.3675	0.3165	0.4074	0.3686
In accordance with SOPs/SOGs (Q34_1.d)	ALL	<b>0.4428</b>	0.3711	0.4665	0.4957
	ECC	0.5462	0.5097	0.5811	0.545
	EM	0.4918	0.4332	0.5265	0.5258
	EMS	0.4159	0.3166	0.4788	0.4538
	FIRE	0.4111	0.3254	0.4359	0.477
	LE	0.4462	0.3761	0.4704	0.4781
My organization does not have this capability (Q34_1.e)	ALL	<b>0.0119</b>	0.0168	0.0112	0.0072
	ECC	0.0094	0.0194	0.0045	0.0047
	EM	0.009	0.0162	0.0044	0.0052
	EMS	0.0078	0.0116	0.0077	0.004
	FIRE	0.0101	0.0119	0.0114	0.0066
	LE	0.0197	0.0275	0.0185	0.0146

Q34\_2) Select the emergency communications capabilities that are tested (or regularly used) for primary data.  
(SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
For "day-to-day" situations (Q34_2.a)	ALL	0.6779	0.6142	0.6935	0.7287
	ECC	0.7608	0.75	0.7943	0.736
	EM	0.7521	0.7064	0.7861	0.7697
	EMS	0.6863	0.5734	0.6916	0.7936
	FIRE	0.6049	0.4864	0.5967	0.7462
	LE	0.7472	0.7323	0.764	0.7422
For "out-of-the-ordinary" situations (Q34_2.b)	ALL	0.3157	0.2582	0.337	0.3531
	ECC	0.4136	0.3776	0.4211	0.4416
	EM	0.3936	0.289	0.4527	0.4551
	EMS	0.2685	0.1835	0.2599	0.3624
	FIRE	0.2433	0.1701	0.2361	0.3333
	LE	0.3551	0.2778	0.376	0.3945
With personnel beyond our organization (Q34_2.c)	ALL	0.2339	0.2107	0.2455	0.2456
	ECC	0.2824	0.2602	0.3301	0.2538
	EM	0.2982	0.2752	0.2886	0.3371
	EMS	0.2006	0.1468	0.2247	0.2294
	FIRE	0.1796	0.1293	0.1869	0.2273
	LE	0.2557	0.2273	0.268	0.2656
In accordance with SOPs/SOGs (Q34_2.d)	ALL	0.3394	0.2715	0.3426	0.4093
	ECC	0.4651	0.4133	0.4928	0.4873
	EM	0.3953	0.3073	0.4378	0.4551
	EMS	0.3107	0.2385	0.348	0.344
	FIRE	0.2723	0.2007	0.2852	0.3371
	LE	0.3949	0.3131	0.396	0.457
My organization does not have this capability (Q34_2.e)	ALL	0.171	0.2671	0.1567	0.0835
	ECC	0.0714	0.1327	0.0478	0.0355
	EM	0.0955	0.1606	0.0746	0.0393
	EMS	0.187	0.3165	0.1762	0.0688
	FIRE	0.2665	0.4014	0.2656	0.1174
	LE	0.0767	0.1364	0.06	0.0469

**Q34\_3) Select the emergency communications capabilities that are tested (or regularly used) for voice interoperability. (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
For "day-to-day" situations (Q34_3.a)	ALL	<b>0.7204</b>	0.7237	0.7194	0.7182
	ECC	0.7529	0.7766	0.7536	0.7296
	EM	0.7342	0.7389	0.7548	0.7049
	EMS	0.7301	0.7327	0.7051	0.7546
	FIRE	0.7227	0.7196	0.683	0.7715
	LE	0.7101	0.7228	0.7185	0.6929
For "out-of-the-ordinary" situations (Q34_3.b)	ALL	<b>0.4068</b>	0.3695	0.4333	0.4155
	ECC	0.4874	0.4468	0.5118	0.5
	EM	0.4846	0.4425	0.5144	0.5027
	EMS	0.3804	0.3317	0.3932	0.412
	FIRE	0.3472	0.2878	0.3562	0.397
	LE	0.4098	0.3152	0.437	0.4528
With personnel beyond our organization (Q34_3.c)	ALL	<b>0.3557</b>	0.342	0.3681	0.3559
	ECC	0.4319	0.4149	0.4597	0.4184
	EM	0.4214	0.4159	0.4327	0.4153
	EMS	0.342	0.302	0.3632	0.3565
	FIRE	0.3246	0.2841	0.3366	0.3521
	LE	0.3506	0.2826	0.3739	0.378
In accordance with SOPs/SOGs (Q34_3.d)	ALL	<b>0.3798</b>	0.3298	0.3875	0.4235
	ECC	0.4723	0.4362	0.4787	0.5
	EM	0.4036	0.3761	0.4135	0.4262
	EMS	0.3604	0.3119	0.3932	0.3704
	FIRE	0.3329	0.2768	0.3431	0.3783
	LE	0.4157	0.3804	0.4076	0.4488
My organization does not have this capability (Q34_3.e)	ALL	<b>0.0767</b>	0.0931	0.0903	0.0435
	ECC	0.0303	0.0372	0.0332	0.0204
	EM	0.0567	0.0664	0.0769	0.0219
	EMS	0.0859	0.099	0.1111	0.0463
	FIRE	0.1043	0.1181	0.1242	0.0674
	LE	0.0621	0.087	0.0672	0.0394

**Q34\_4) Select the emergency communications capabilities that are tested (or regularly used) for data interoperability. (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
For "day-to-day" situations (Q34_4.a)	ALL	<b>0.5226</b>	0.4662	0.5385	0.5656
	ECC	0.6452	0.6607	0.6584	0.6149
	EM	0.5877	0.545	0.6011	0.6242
	EMS	0.4902	0.404	0.4888	0.5803
	FIRE	0.4395	0.3396	0.4221	0.5697
	LE	0.6019	0.5909	0.625	0.587
For "out-of-the-ordinary" situations (Q34_4.b)	ALL	<b>0.2653</b>	0.2138	0.2885	0.2943
	ECC	0.3566	0.3512	0.3663	0.3506
	EM	0.3418	0.28	0.3883	0.3636
	EMS	0.2313	0.1616	0.2601	0.2694
	FIRE	0.1898	0.1306	0.1938	0.25
	LE	0.3072	0.25	0.3362	0.3217
With personnel beyond our organization (Q34_4.c)	ALL	<b>0.2025</b>	0.1849	0.1923	0.234
	ECC	0.2647	0.2619	0.2772	0.2529
	EM	0.2514	0.25	0.2394	0.2667
	EMS	0.1792	0.1414	0.1749	0.2228
	FIRE	0.1573	0.1194	0.1384	0.2213
	LE	0.2461	0.2216	0.2328	0.2783
In accordance with SOPs/SOGs (Q34_4.d)	ALL	<b>0.2863</b>	0.2331	0.2722	0.3617
	ECC	0.3934	0.381	0.3762	0.4253
	EM	0.3146	0.26	0.3404	0.3515
	EMS	0.2557	0.202	0.2646	0.3005
	FIRE	0.2172	0.1716	0.2007	0.2869
	LE	0.3605	0.3125	0.3233	0.4348
My organization does not have this capability (Q34_4.e)	ALL	<b>0.2927</b>	0.3875	0.2944	0.1862
	ECC	0.1507	0.1786	0.1683	0.1034
	EM	0.2098	0.28	0.2128	0.1212
	EMS	0.3453	0.4495	0.3543	0.228
	FIRE	0.4182	0.5336	0.4429	0.2623
	LE	0.1677	0.233	0.1724	0.113

Q34\_5) Select the emergency communications capabilities that are tested (or regularly used) for backup voice.  
(SATA)

Answer Option	Discipline	All	Rural	Urban	Metro
For "day-to-day" situations (Q34_5.a)	ALL	0.4338	0.3887	0.4452	0.4712
	ECC	0.5997	0.586	0.6293	0.5812
	EM	0.5236	0.4667	0.535	0.5839
	EMS	0.4188	0.3455	0.4335	0.4806
	FIRE	0.3736	0.323	0.352	0.4574
	LE	0.4985	0.4564	0.5061	0.5256
For "out-of-the-ordinary" situations (Q34_5.b)	ALL	0.2836	0.2374	0.3037	0.3119
	ECC	0.4107	0.4032	0.4244	0.4031
	EM	0.3713	0.3143	0.41	0.3975
	EMS	0.258	0.1955	0.2704	0.3107
	FIRE	0.2184	0.1581	0.2336	0.2674
	LE	0.3003	0.2308	0.3117	0.3462
With personnel beyond our organization (Q34_5.c)	ALL	0.1869	0.1647	0.1983	0.1983
	ECC	0.244	0.2312	0.2683	0.2304
	EM	0.2364	0.2238	0.25	0.236
	EMS	0.17	0.1182	0.176	0.2184
	FIRE	0.1483	0.1031	0.1433	0.2054
	LE	0.2012	0.1436	0.2186	0.2308
In accordance with SOPs/SOGs (Q34_5.d)	ALL	0.2715	0.224	0.2566	0.3441
	ECC	0.3883	0.3656	0.3854	0.4136
	EM	0.3152	0.281	0.31	0.3665
	EMS	0.2261	0.1955	0.2275	0.2573
	FIRE	0.208	0.1753	0.1807	0.2791
	LE	0.3195	0.2872	0.2874	0.3803
My organization does not have this capability (Q34_5.e)	ALL	0.3466	0.4392	0.3426	0.2458
	ECC	0.1375	0.1774	0.1366	0.0995
	EM	0.2417	0.3238	0.22	0.1615
	EMS	0.3961	0.4955	0.3734	0.3155
	FIRE	0.454	0.5533	0.4579	0.3372
	LE	0.2515	0.3487	0.2632	0.1581

**Q34\_6) Select the emergency communications capabilities that are tested (or regularly used) for backup data.**  
(SATA)

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
For "day-to-day" situations (Q34_6.a)	ALL	<b>0.3787</b>	0.3328	0.38	0.4303
	ECC	0.5118	0.5491	0.5128	0.4751
	EM	0.4734	0.4163	0.4872	0.5312
	EMS	0.3631	0.3227	0.3451	0.4301
	FIRE	0.3114	0.2635	0.2788	0.4115
	LE	0.4723	0.4462	0.4852	0.4809
For "out-of-the-ordinary" situations (Q34_6.b)	ALL	<b>0.2172</b>	0.1732	0.2286	0.2544
	ECC	0.3169	0.3295	0.3179	0.3039
	EM	0.2819	0.2201	0.3231	0.3125
	EMS	0.1909	0.15	0.1858	0.2435
	FIRE	0.1516	0.1149	0.1442	0.2058
	LE	0.2684	0.2205	0.2616	0.3149
With personnel beyond our organization (Q34_6.c)	ALL	<b>0.1362</b>	0.1145	0.1443	0.1516
	ECC	0.1712	0.1792	0.1897	0.1436
	EM	0.1649	0.1388	0.1744	0.1875
	EMS	0.1111	0.0727	0.1239	0.1399
	FIRE	0.094	0.0608	0.0962	0.1317
	LE	0.1769	0.1538	0.1899	0.183
In accordance with SOPs/SOGs (Q34_6.d)	ALL	<b>0.2523</b>	0.1988	0.2314	0.3397
	ECC	0.3515	0.3353	0.3436	0.3757
	EM	0.2855	0.2344	0.2923	0.3438
	EMS	0.2081	0.1773	0.2124	0.2383
	FIRE	0.1821	0.152	0.1571	0.251
	LE	0.3283	0.2974	0.2911	0.3915
My organization does not have this capability (Q34_6.e)	ALL	<b>0.4025</b>	0.506	0.4086	0.2753
	ECC	0.2095	0.2081	0.2462	0.1713
	EM	0.2996	0.3971	0.2821	0.1938
	EMS	0.4523	0.5318	0.4469	0.3679
	FIRE	0.5229	0.6149	0.5385	0.3909
	LE	0.2549	0.3282	0.2785	0.1702



**Q34\_7) Select the emergency communications capabilities that are tested (or regularly used) for alerts and warnings. (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
For "day-to-day" situations (Q34_7.a)	ALL	<b>0.6257</b>	0.6269	0.6385	0.6087
	ECC	0.6617	0.7092	0.6942	0.5808
	EM	0.6885	0.6784	0.7235	0.6593
	EMS	0.6486	0.6208	0.6761	0.6481
	FIRE	0.6311	0.6215	0.6182	0.6581
	LE	0.6341	0.6553	0.6341	0.6163
For "out-of-the-ordinary" situations (Q34_7.b)	ALL	<b>0.4114</b>	0.405	0.4301	0.3961
	ECC	0.4567	0.4847	0.4709	0.4141
	EM	0.5288	0.4978	0.5991	0.4835
	EMS	0.3698	0.3417	0.3806	0.3889
	FIRE	0.3493	0.3312	0.3394	0.3824
	LE	0.406	0.3641	0.435	0.4122
With personnel beyond our organization (Q34_7.c)	ALL	<b>0.2762</b>	0.2996	0.285	0.2383
	ECC	0.2867	0.352	0.2864	0.2222
	EM	0.3403	0.3568	0.3502	0.3077
	EMS	0.256	0.2417	0.2632	0.2639
	FIRE	0.247	0.2461	0.2394	0.2574
	LE	0.2683	0.2476	0.3049	0.249
In accordance with SOPs/SOGs (Q34_7.d)	ALL	<b>0.3767</b>	0.3287	0.3786	0.43
	ECC	0.5017	0.4898	0.5243	0.4899
	EM	0.4744	0.4185	0.5115	0.5
	EMS	0.3343	0.3042	0.3522	0.3472
	FIRE	0.3101	0.2713	0.303	0.364
	LE	0.4118	0.3835	0.4146	0.4327
My organization does not have this capability (Q34_7.e)	ALL	<b>0.1314</b>	0.1553	0.1359	0.0982
	ECC	0.0633	0.0663	0.0631	0.0606
	EM	0.0527	0.0529	0.0507	0.0549
	EMS	0.1593	0.1958	0.1336	0.1481
	FIRE	0.1719	0.1924	0.1939	0.1213
	LE	0.0933	0.1214	0.0976	0.0653

Q37\_1) Select the responses that best characterize your organization's emergency communications resource capacity for primary voice. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Insufficient for "day-to-day" situations	ALL	0.1099	0.1282	0.1212	0.0761
	ECC	0.0399	0.0488	0.0374	0.0338
	EM	0.0763	0.0744	0.0804	0.0741
	EMS	0.1298	0.1562	0.1395	0.0913
	FIRE	0.1468	0.1548	0.1868	0.0909
	LE	0.0903	0.1268	0.0934	0.0588
Sufficient for "day-to-day" situations but not for "out-of-the-ordinary" situations	ALL	0.2029	0.2422	0.2134	0.1464
	ECC	0.1262	0.1659	0.1308	0.0821
	EM	0.1969	0.2562	0.2188	0.0952
	EMS	0.2146	0.2852	0.1977	0.1577
	FIRE	0.2232	0.247	0.2414	0.1751
	LE	0.1523	0.1596	0.1907	0.1103
Sufficient for "day-to-day" situations and most "out-of-the-ordinary" situations	ALL	0.4001	0.4197	0.3788	0.4026
	ECC	0.4393	0.4976	0.4252	0.3961
	EM	0.4244	0.4339	0.3929	0.4497
	EMS	0.3695	0.3555	0.3798	0.3734
	FIRE	0.368	0.4137	0.3103	0.3838
	LE	0.4394	0.4742	0.4202	0.4301
Sufficient for almost all situations, including those requiring resources beyond our organization	ALL	0.2746	0.1917	0.2753	0.3675
	ECC	0.385	0.2683	0.4019	0.4831
	EM	0.2931	0.219	0.3036	0.3757
	EMS	0.2781	0.1914	0.2752	0.3734
	FIRE	0.2508	0.1696	0.25	0.3434
	LE	0.2978	0.2113	0.2763	0.386
My organization does not have this resource	ALL	0.0125	0.0181	0.0114	0.0073
	ECC	0.0096	0.0195	0.0047	0.0048
	EM	0.0092	0.0165	0.0045	0.0053
	EMS	0.0079	0.0117	0.0078	0.0041
	FIRE	0.0112	0.0149	0.0115	0.0067
	LE	0.0202	0.0282	0.0195	0.0147

Q37\_2) Select the responses that best characterize your organization's emergency communications resource capacity for primary data. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Insufficient for "day-to-day" situations	ALL	0.0958	0.1113	0.0818	0.0949
	ECC	0.0428	0.0498	0.0244	0.0547
	EM	0.071	0.0661	0.0469	0.1056
	EMS	0.1197	0.1398	0.0913	0.1289
	FIRE	0.1171	0.1146	0.1162	0.1209
	LE	0.0942	0.1337	0.0864	0.0714
Sufficient for "day-to-day" situations by not for "out-of-the-ordinary" situations	ALL	0.1903	0.1892	0.2198	0.1577
	ECC	0.1565	0.1592	0.1951	0.1144
	EM	0.229	0.2467	0.2723	0.1556
	EMS	0.2137	0.1992	0.2407	0.2
	FIRE	0.1915	0.1624	0.2294	0.1795
	LE	0.173	0.198	0.2016	0.1278
Sufficient for "day-to-day" situations and most "out-of-the-ordinary" situations	ALL	0.3555	0.3129	0.3552	0.4028
	ECC	0.4547	0.4527	0.4634	0.4478
	EM	0.4048	0.3789	0.4085	0.4333
	EMS	0.3034	0.2331	0.3237	0.3556
	FIRE	0.2746	0.2389	0.2416	0.3553
	LE	0.436	0.3663	0.4568	0.4699
Sufficient for almost all situations, including those requiring resources beyond our organization	ALL	0.1865	0.1238	0.185	0.2573
	ECC	0.2669	0.199	0.2634	0.3383
	EM	0.2	0.1454	0.2019	0.2667
	EMS	0.1766	0.1271	0.1701	0.2356
	FIRE	0.1521	0.0924	0.1529	0.2198
	LE	0.218	0.1683	0.1934	0.2782
My organization does not have this resource	ALL	0.1719	0.2629	0.1582	0.0873
	ECC	0.0791	0.1393	0.0537	0.0448
	EM	0.0952	0.163	0.0704	0.0389
	EMS	0.1866	0.3008	0.1743	0.08
	FIRE	0.2648	0.3917	0.2599	0.1245
	LE	0.0788	0.1337	0.0617	0.0526

Q37\_3) Select the responses that best characterize your organization's emergency communications resource capacity for voice interoperability. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Insufficient for "day-to-day" situations	ALL	<b>0.0963</b>	0.1235	0.0801	0.0851
	ECC	0.0485	0.055	0.0421	0.049
	EM	0.069	0.0812	0.05	0.0761
	EMS	0.1155	0.1488	0.098	0.1
	FIRE	0.1225	0.1483	0.1239	0.0919
	LE	0.0775	0.0985	0.0625	0.0758
Sufficient for "day-to-day" situations by not for "out-of-the-ordinary" situations	ALL	<b>0.193</b>	0.2209	0.2028	0.1505
	ECC	0.1553	0.24	0.1262	0.1029
	EM	0.2069	0.2735	0.2	0.1304
	EMS	0.2063	0.219	0.2275	0.1696
	FIRE	0.1928	0.1798	0.2242	0.1696
	LE	0.1563	0.197	0.1758	0.1061
Sufficient for "day-to-day" situations and most "out-of-the-ordinary" situations	ALL	<b>0.366</b>	0.3512	0.3579	0.3921
	ECC	0.4401	0.46	0.4673	0.3922
	EM	0.4107	0.4145	0.3909	0.4293
	EMS	0.3095	0.3017	0.302	0.3261
	FIRE	0.3078	0.3186	0.2625	0.3498
	LE	0.4246	0.4286	0.4102	0.4356
Sufficient for almost all situations, including those requiring resources beyond our organization	ALL	<b>0.2244</b>	0.1468	0.2274	0.307
	ECC	0.3091	0.18	0.3178	0.4265
	EM	0.2382	0.1453	0.2591	0.3315
	EMS	0.2325	0.157	0.2235	0.3217
	FIRE	0.2077	0.1451	0.2006	0.2862
	LE	0.2503	0.1429	0.25	0.3333
My organization does not have this resource	ALL	<b>0.1203</b>	0.1578	0.1318	0.0653
	ECC	0.0469	0.065	0.0467	0.0294
	EM	0.0752	0.0855	0.1	0.0326
	EMS	0.1362	0.1736	0.149	0.0826
	FIRE	0.1693	0.2082	0.1888	0.1025
	LE	0.0913	0.133	0.1016	0.0492

Q37\_4) Select the responses that best characterize your organization's emergency communications resource capacity for data interoperability. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Insufficient for "day-to-day" situations	ALL	0.1041	0.1153	0.0926	0.1049
	ECC	0.0607	0.0697	0.0571	0.0553
	EM	0.0948	0.0928	0.0833	0.1111
	EMS	0.1324	0.1523	0.1071	0.1391
	FIRE	0.1178	0.1205	0.1072	0.1277
	LE	0.0875	0.1019	0.0797	0.0837
Sufficient for "day-to-day" situations by not for "out-of-the-ordinary" situations	ALL	0.1704	0.1582	0.1904	0.1611
	ECC	0.182	0.2139	0.1762	0.1558
	EM	0.2022	0.2236	0.213	0.1611
	EMS	0.1807	0.1605	0.2103	0.1696
	FIRE	0.1564	0.1295	0.1826	0.156
	LE	0.1764	0.1796	0.1992	0.1521
Sufficient for "day-to-day" situations and most "out-of-the-ordinary" situations	ALL	0.2847	0.2534	0.2673	0.3404
	ECC	0.3967	0.393	0.3952	0.402
	EM	0.3365	0.3165	0.3287	0.3722
	EMS	0.2152	0.1811	0.2063	0.2609
	FIRE	0.1981	0.1777	0.1594	0.2695
	LE	0.3694	0.3447	0.3586	0.3992
Sufficient for almost all situations, including those requiring resources beyond our organization	ALL	0.1377	0.0858	0.1369	0.1976
	ECC	0.1902	0.1393	0.181	0.2513
	EM	0.1469	0.0844	0.1481	0.2278
	EMS	0.1283	0.0905	0.119	0.1783
	FIRE	0.1157	0.0723	0.1072	0.1773
	LE	0.1792	0.1262	0.1713	0.2281
My organization does not have this resource	ALL	0.3031	0.3874	0.3129	0.196
	ECC	0.1705	0.1841	0.1905	0.1357
	EM	0.2196	0.2827	0.2269	0.1278
	EMS	0.3434	0.4156	0.3571	0.2522
	FIRE	0.4119	0.5	0.4435	0.2695
	LE	0.1875	0.2476	0.1912	0.1369

Q37\_5) Select the responses that best characterize your organization's emergency communications resource capacity for backup voice. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Insufficient for "day-to-day" situations	ALL	0.0997	0.1105	0.0903	0.0983
	ECC	0.0538	0.0448	0.0566	0.06
	EM	0.1022	0.1139	0.0741	0.1202
	EMS	0.1241	0.1406	0.1071	0.125
	FIRE	0.1165	0.1243	0.1153	0.1088
	LE	0.0718	0.0861	0.0672	0.0649
Sufficient for "day-to-day" situations by not for "out-of-the-ordinary" situations	ALL	0.1612	0.1487	0.1897	0.1422
	ECC	0.1746	0.194	0.1981	0.13
	EM	0.184	0.2025	0.2222	0.1148
	EMS	0.1501	0.1285	0.1984	0.1207
	FIRE	0.134	0.1065	0.1643	0.1298
	LE	0.1713	0.1722	0.1976	0.145
Sufficient for "day-to-day" situations and most "out-of-the-ordinary" situations	ALL	0.2696	0.25	0.2413	0.3253
	ECC	0.4062	0.4478	0.3632	0.41
	EM	0.3176	0.2616	0.3148	0.3934
	EMS	0.2101	0.1847	0.1865	0.2629
	FIRE	0.2	0.1982	0.147	0.2667
	LE	0.3453	0.311	0.3162	0.4008
Sufficient for almost all situations, including those requiring resources beyond our organization	ALL	0.1425	0.0882	0.1458	0.2012
	ECC	0.2268	0.1443	0.2406	0.295
	EM	0.1682	0.1181	0.1806	0.2186
	EMS	0.1419	0.0964	0.1468	0.1853
	FIRE	0.1206	0.0769	0.1239	0.1684
	LE	0.1685	0.1005	0.1502	0.2405
My organization does not have this resource	ALL	0.327	0.4026	0.3329	0.233
	ECC	0.1387	0.1692	0.1415	0.105
	EM	0.228	0.3038	0.2083	0.153
	EMS	0.3738	0.4498	0.3611	0.306
	FIRE	0.4289	0.4941	0.4496	0.3263
	LE	0.2431	0.3301	0.2688	0.1489

Q37\_6) Select the responses that best characterize your organization's emergency communications resource capacity for backup data. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Insufficient for "day-to-day" situations	ALL	0.1063	0.1108	0.0996	0.1091
	ECC	0.0658	0.0547	0.0711	0.0714
	EM	0.1037	0.1144	0.0748	0.1243
	EMS	0.138	0.1498	0.1289	0.1354
	FIRE	0.1161	0.1217	0.1069	0.1206
	LE	0.0889	0.0962	0.0916	0.0805
Sufficient for "day-to-day" situations by not for "out-of-the-ordinary" situations	ALL	0.1549	0.1359	0.1682	0.1613
	ECC	0.1776	0.204	0.1659	0.1633
	EM	0.193	0.1992	0.2056	0.1695
	EMS	0.1516	0.1215	0.1836	0.1485
	FIRE	0.1306	0.092	0.1561	0.1454
	LE	0.1708	0.1683	0.1793	0.1648
Sufficient for "day-to-day" situations and most "out-of-the-ordinary" situations	ALL	0.2475	0.2256	0.229	0.2949
	ECC	0.3882	0.4478	0.3555	0.3622
	EM	0.2982	0.2373	0.3224	0.3503
	EMS	0.1981	0.17	0.1836	0.2445
	FIRE	0.1803	0.1662	0.1416	0.2447
	LE	0.3375	0.3365	0.3068	0.3678
Sufficient for almost all situations, including those requiring resources beyond our organization	ALL	0.1155	0.0646	0.1151	0.1751
	ECC	0.1628	0.0945	0.1659	0.2296
	EM	0.1228	0.0805	0.1308	0.1695
	EMS	0.097	0.0729	0.0938	0.1266
	FIRE	0.085	0.0564	0.0809	0.1241
	LE	0.1556	0.0817	0.1474	0.2222
My organization does not have this resource	ALL	0.3758	0.4631	0.3881	0.2596
	ECC	0.2056	0.199	0.2417	0.1735
	EM	0.2823	0.3686	0.2664	0.1864
	EMS	0.4153	0.4858	0.4102	0.345
	FIRE	0.4881	0.5638	0.5145	0.3652
	LE	0.2472	0.3173	0.2749	0.1648

Q37\_7) Select the responses that best characterize your organization's emergency communications resource capacity for alerts and warnings. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Insufficient for "day-to-day" situations	ALL	<b>0.0916</b>	0.0988	0.0903	0.0851
	ECC	0.0469	0.0408	0.0392	0.0609
	EM	0.0667	0.0611	0.0545	0.0884
	EMS	0.1029	0.1029	0.104	0.1018
	FIRE	0.1146	0.1176	0.1224	0.1014
	LE	0.0804	0.0882	0.081	0.0736
Sufficient for "day-to-day" situations by not for "out-of-the-ordinary" situations	ALL	<b>0.1697</b>	0.1783	0.1846	0.1424
	ECC	0.1441	0.1531	0.1618	0.1168
	EM	0.1635	0.2009	0.1727	0.105
	EMS	0.1933	0.1975	0.216	0.1637
	FIRE	0.197	0.2074	0.2119	0.1667
	LE	0.1523	0.152	0.1781	0.1279
Sufficient for "day-to-day" situations and most "out-of-the-ordinary" situations	ALL	<b>0.381</b>	0.3813	0.3691	0.3947
	ECC	0.4757	0.5051	0.4902	0.4315
	EM	0.4333	0.4279	0.4364	0.4365
	EMS	0.3366	0.3251	0.36	0.323
	FIRE	0.3255	0.3375	0.2836	0.3623
	LE	0.4274	0.4461	0.4049	0.4341
Sufficient for almost all situations, including those requiring resources beyond our organization	ALL	<b>0.2207</b>	0.1797	0.2134	0.2755
	ECC	0.2663	0.2347	0.2402	0.3249
	EM	0.2762	0.2445	0.2773	0.3149
	EMS	0.2003	0.1728	0.18	0.2522
	FIRE	0.1831	0.1393	0.1791	0.2391
	LE	0.244	0.1912	0.2267	0.3023
My organization does not have this resource	ALL	<b>0.137</b>	0.1619	0.1427	0.1022
	ECC	0.067	0.0663	0.0686	0.066
	EM	0.0603	0.0655	0.0591	0.0552
	EMS	0.1669	0.2016	0.14	0.1593
	FIRE	0.1799	0.1981	0.203	0.1304
	LE	0.0959	0.1225	0.1093	0.062



Q38\_1) Select the responses that best characterize how often your organization uses or deploys interoperability solutions - voice. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Never	ALL	0.1628	0.189	0.1835	0.1079
	ECC	0.0927	0.1055	0.1163	0.0547
	EM	0.1178	0.1523	0.129	0.0595
	EMS	0.17	0.2112	0.2062	0.0858
	FIRE	0.1977	0.2266	0.221	0.1359
	LE	0.1565	0.1934	0.1914	0.0936
As needed	ALL	0.5589	0.6037	0.5304	0.5412
	ECC	0.548	0.6533	0.4837	0.5124
	EM	0.5814	0.6008	0.5622	0.5784
	EMS	0.5439	0.5936	0.4864	0.5536
	FIRE	0.5458	0.6073	0.5099	0.5192
	LE	0.5619	0.5943	0.5469	0.5506
Semi-annually	ALL	0.0234	0.0222	0.019	0.03
	ECC	0.0293	0.0251	0.0279	0.0348
	EM	0.0279	0.0329	0.0184	0.0324
	EMS	0.0216	0.0199	0.0195	0.0258
	FIRE	0.0185	0.0181	0.0198	0.0174
	LE	0.0286	0.0283	0.0156	0.0412
Quarterly	ALL	0.022	0.0183	0.0228	0.0255
	ECC	0.0244	0.0251	0.0279	0.0199
	EM	0.0217	0.0206	0.023	0.0216
	EMS	0.0189	0.0159	0.0233	0.0172
	FIRE	0.0113	0.006	0.0198	0.007
	LE	0.0177	0.0189	0.0234	0.0112
Monthly	ALL	0.0427	0.03	0.0367	0.0645
	ECC	0.052	0.0251	0.0465	0.0846
	EM	0.0558	0.037	0.0553	0.0811
	EMS	0.0378	0.0319	0.0389	0.0429
	FIRE	0.035	0.0363	0.0397	0.0279
	LE	0.0435	0.0189	0.0273	0.0787
Daily	ALL	0.1902	0.1369	0.2076	0.2309
	ECC	0.2537	0.1658	0.2977	0.2935
	EM	0.1953	0.1564	0.212	0.227
	EMS	0.2078	0.1275	0.2257	0.2747
	FIRE	0.1916	0.1057	0.1898	0.2927
	LE	0.1918	0.1462	0.1953	0.2247

Q38\_2) Select the responses that best characterize how often your organization uses or deploys interoperability solutions - data. (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Never	ALL	0.4058	0.4941	0.4139	0.2943
	ECC	0.2943	0.3267	0.3302	0.2222
	EM	0.3323	0.4017	0.3411	0.2308
	EMS	0.4593	0.5512	0.4809	0.3348
	FIRE	0.5102	0.6129	0.5268	0.3662
	LE	0.2997	0.3538	0.3359	0.2218
As needed	ALL	0.4247	0.3953	0.4114	0.4745
	ECC	0.478	0.5149	0.4372	0.4848
	EM	0.4803	0.4561	0.472	0.522
	EMS	0.3845	0.3701	0.3511	0.4378
	FIRE	0.3582	0.3314	0.3324	0.4225
	LE	0.5	0.4906	0.4648	0.5414
Semi-annually	ALL	0.0234	0.013	0.0228	0.036
	ECC	0.0276	0.0149	0.0279	0.0404
	EM	0.0299	0.0209	0.0327	0.0385
	EMS	0.0187	0.0079	0.0191	0.03
	FIRE	0.0153	0.0059	0.0169	0.0246
	LE	0.0272	0.0189	0.0195	0.0414
Quarterly	ALL	0.0126	0.0091	0.0165	0.012
	ECC	0.0146	0.0149	0.0186	0.0101
	EM	0.0205	0.0126	0.028	0.022
	EMS	0.0053	0.0039	0.0076	0.0043
	FIRE	0.002	NR	0.0056	NR
	LE	0.0136	0.0094	0.0195	0.0113
Monthly	ALL	0.0202	0.0169	0.0139	0.0315
	ECC	0.0276	0.0248	0.0186	0.0404
	EM	0.0252	0.0293	0.014	0.033
	EMS	0.0147	0.0039	0.0229	0.0172
	FIRE	0.0122	0.0059	0.0169	0.0141
	LE	0.0272	0.0189	0.0195	0.0414
Daily	ALL	0.1133	0.0715	0.1215	0.1517
	ECC	0.1577	0.104	0.1674	0.202
	EM	0.1118	0.0795	0.1121	0.1538
	EMS	0.1175	0.063	0.1183	0.176
	FIRE	0.102	0.044	0.1014	0.1725
	LE	0.1322	0.1085	0.1406	0.1429

Q38\_3) Select the responses that best characterize how often your organization uses or deploys  
Communications Unit Leader (COML). (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Never	ALL	0.571	0.6316	0.5771	0.4948
	ECC	0.5008	0.5672	0.4885	0.4483
	EM	0.4777	0.5679	0.4977	0.3369
	EMS	0.6086	0.6875	0.5688	0.569
	FIRE	0.6172	0.6834	0.6111	0.5479
	LE	0.5249	0.5775	0.583	0.428
As needed	ALL	0.3545	0.3178	0.3545	0.3962
	ECC	0.3929	0.3831	0.4009	0.3941
	EM	0.4286	0.3704	0.4208	0.5134
	EMS	0.3298	0.2812	0.3606	0.3473
	FIRE	0.3263	0.2781	0.3278	0.3801
	LE	0.3943	0.3662	0.3629	0.4465
Semi-annually	ALL	0.0213	0.0156	0.0261	0.0221
	ECC	0.029	0.0149	0.0415	0.0296
	EM	0.0261	0.0123	0.0317	0.0374
	EMS	0.0157	0.0078	0.0223	0.0167
	FIRE	0.0141	0.0148	0.0167	0.0103
	LE	0.0215	0.0141	0.0232	0.0258
Quarterly	ALL	0.0133	0.0117	0.0112	0.0177
	ECC	0.0161	0.0199	0.0184	0.0099
	EM	0.0169	0.0165	0.0181	0.016
	EMS	0.0144	0.0078	0.0186	0.0167
	FIRE	0.0101	0.0089	0.0139	0.0068
	LE	0.0121	0.0094	0.0039	0.0221
Monthly	ALL	0.0177	0.013	0.0112	0.0309
	ECC	0.0258	0.005	0.023	0.0493
	EM	0.0246	0.0247	0.0136	0.0374
	EMS	0.0105	0.0078	0.0112	0.0126
	FIRE	0.0111	0.0089	0.0111	0.0137
	LE	0.0162	0.0141	0.0039	0.0295
Daily	ALL	0.0222	0.0104	0.0199	0.0383
	ECC	0.0354	0.01	0.0276	0.069
	EM	0.0261	0.0082	0.0181	0.0588
	EMS	0.0209	0.0078	0.0186	0.0377
	FIRE	0.0212	0.0059	0.0194	0.0411
	LE	0.031	0.0188	0.0232	0.048

Q38\_4) Select the responses that best characterize how often your organization uses or deploys  
Communications Unit Technician (COMT). (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Never	ALL	0.6256	0.6749	0.6476	0.5434
	ECC	0.5684	0.6219	0.5899	0.4926
	EM	0.5521	0.6393	0.5747	0.4118
	EMS	0.6702	0.7188	0.6543	0.636
	FIRE	0.6821	0.7257	0.6861	0.6267
	LE	0.5672	0.5962	0.6423	0.4723
As needed	ALL	0.3186	0.2953	0.3002	0.3667
	ECC	0.3446	0.3483	0.3134	0.3744
	EM	0.3819	0.3238	0.362	0.4813
	EMS	0.2893	0.2695	0.2974	0.3013
	FIRE	0.2856	0.2625	0.2722	0.3288
	LE	0.371	0.3709	0.3192	0.4207
Semi-annually	ALL	0.016	0.0104	0.0199	0.0177
	ECC	0.0258	0.0199	0.0369	0.0197
	EM	0.0169	0.0123	0.0136	0.0267
	EMS	0.0079	NR	0.0112	0.0126
	FIRE	0.0071	0.0029	0.0111	0.0068
	LE	0.0134	0.0094	0.0115	0.0185
Quarterly	ALL	0.0128	0.0091	0.0124	0.0177
	ECC	0.0161	0.01	0.0184	0.0197
	EM	0.0169	0.0164	0.0181	0.016
	EMS	0.0144	0.0039	0.0186	0.0209
	FIRE	0.0091	0.0059	0.0139	0.0068
	LE	0.0108	0.0047	0.0077	0.0185
Monthly	ALL	0.0111	0.0065	0.0025	0.0265
	ECC	0.0161	NR	0.0046	0.0443
	EM	0.0153	0.0082	0.0045	0.0374
	EMS	0.0092	0.0039	0.0074	0.0167
	FIRE	0.0081	0.0029	0.0056	0.0171
	LE	0.0148	0.0094	NR	0.0332
Daily	ALL	0.016	0.0039	0.0174	0.028
	ECC	0.029	NR	0.0369	0.0493
	EM	0.0169	NR	0.0271	0.0267
	EMS	0.0092	0.0039	0.0112	0.0126
	FIRE	0.0081	NR	0.0111	0.0137
	LE	0.0228	0.0094	0.0192	0.0369

Q38\_5) Select the responses that best characterize how often your organization uses or deploys IT Service Unit Leader (ITSL). (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Never	ALL	<b>0.6578</b>	0.7152	0.6654	0.5835
	ECC	0.6181	0.6432	0.625	0.5862
	EM	0.6142	0.6926	0.6164	0.5081
	EMS	0.6995	0.749	0.6828	0.6653
	FIRE	0.7234	0.7847	0.7179	0.6586
	LE	0.5653	0.6056	0.61	0.4908
As needed	ALL	<b>0.2888</b>	0.2588	0.2809	0.3323
	ECC	0.3091	0.3266	0.2917	0.3103
	EM	0.3241	0.2746	0.3151	0.4
	EMS	0.2638	0.2392	0.2799	0.272
	FIRE	0.2482	0.2094	0.2458	0.2966
	LE	0.3634	0.3615	0.3282	0.3985
Semi-annually	ALL	<b>0.0147</b>	0.0052	0.0162	0.0236
	ECC	0.0194	0.005	0.0231	0.0296
	EM	0.0139	0.0041	0.0137	0.027
	EMS	0.0079	NR	0.0037	0.0209
	FIRE	0.0071	0.0029	0.0056	0.0138
	LE	0.0202	0.0047	0.0154	0.0369
Quarterly	ALL	<b>0.012</b>	0.0078	0.015	0.0133
	ECC	0.0178	0.0151	0.0278	0.0099
	EM	0.017	0.0164	0.0274	0.0054
	EMS	0.0118	0.0039	0.0149	0.0167
	FIRE	0.0041	0.0029	0.0056	0.0034
	LE	0.0121	0.0047	0.0193	0.0111
Monthly	ALL	<b>0.0116</b>	0.0091	0.0062	0.0207
	ECC	0.0129	0.005	0.0046	0.0296
	EM	0.017	0.0123	0.0046	0.0378
	EMS	0.0079	0.0039	0.0075	0.0126
	FIRE	0.0071	NR	0.0084	0.0138
	LE	0.0162	0.0141	0.0077	0.0258
Daily	ALL	<b>0.0151</b>	0.0039	0.0162	0.0266
	ECC	0.0227	0.005	0.0278	0.0345
	EM	0.0139	NR	0.0228	0.0216
	EMS	0.0092	0.0039	0.0112	0.0126
	FIRE	0.0101	NR	0.0168	0.0138
	LE	0.0229	0.0094	0.0193	0.0369

Q38\_6) Select the responses that best characterize how often your organization uses or deploys Incident Tactical Dispatcher (INTD). (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Never	ALL	0.5967	0.6766	0.6037	0.497
	ECC	0.5089	0.592	0.5253	0.4089
	EM	0.5516	0.6352	0.5434	0.4516
	EMS	0.6566	0.7422	0.6455	0.5774
	FIRE	0.6603	0.7345	0.6722	0.5586
	LE	0.5222	0.6308	0.5521	0.4074
As needed	ALL	0.3403	0.2872	0.3329	0.4098
	ECC	0.4074	0.3831	0.3871	0.4532
	EM	0.3683	0.3115	0.379	0.4301
	EMS	0.2962	0.25	0.3097	0.3305
	FIRE	0.2922	0.2537	0.2667	0.369
	LE	0.4038	0.3364	0.39	0.4704
Semi-annually	ALL	0.0169	0.0091	0.0174	0.0251
	ECC	0.0242	0.005	0.0369	0.0296
	EM	0.0231	0.0123	0.0228	0.0376
	EMS	0.0118	0.0039	0.0075	0.0251
	FIRE	0.0091	0.0029	0.0083	0.0172
	LE	0.0229	0.0093	0.0193	0.037
Quarterly	ALL	0.0106	0.0078	0.0075	0.0178
	ECC	0.0193	0.0199	0.0138	0.0246
	EM	0.0062	0.0041	0.0091	0.0054
	EMS	0.0092	NR	0.0149	0.0126
	FIRE	0.004	NR	0.0083	0.0034
	LE	0.0135	0.0093	NR	0.0296
Monthly	ALL	0.0146	0.0091	0.0137	0.0222
	ECC	0.0193	NR	0.0138	0.0443
	EM	0.0216	0.0164	0.0183	0.0323
	EMS	0.0131	NR	0.0149	0.0251
	FIRE	0.0131	0.0029	0.0139	0.0241
	LE	0.0215	0.0093	0.0232	0.0296
Daily	ALL	0.0209	0.0103	0.0248	0.0281
	ECC	0.0209	NR	0.023	0.0394
	EM	0.0293	0.0205	0.0274	0.043
	EMS	0.0131	0.0039	0.0075	0.0293
	FIRE	0.0212	0.0059	0.0306	0.0276
	LE	0.0162	0.0047	0.0154	0.0259

Q38\_7) Select the responses that best characterize how often your organization uses or deploys Auxiliary Communication (AUXCOM) Operator (e.g., Amateur Radio Operator, Auxiliary Communications Operator). (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Never	ALL	0.5761	0.6319	0.5509	0.5421
	ECC	0.5272	0.5644	0.4908	0.5294
	EM	0.4242	0.5122	0.371	0.371
	EMS	0.6265	0.6953	0.5821	0.6025
	FIRE	0.6465	0.7126	0.624	0.5966
	LE	0.5645	0.6121	0.5792	0.5129
As needed	ALL	0.354	0.3192	0.3797	0.3634
	ECC	0.3926	0.3861	0.422	0.3676
	EM	0.4594	0.4106	0.5068	0.4677
	EMS	0.3316	0.2812	0.3806	0.3305
	FIRE	0.3121	0.2639	0.3343	0.3414
	LE	0.3642	0.3271	0.3629	0.3948
Semi-annually	ALL	0.0239	0.0206	0.0223	0.0295
	ECC	0.0321	0.0297	0.0321	0.0343
	EM	0.0337	0.0366	0.0317	0.0323
	EMS	0.0144	0.0078	0.0112	0.0251
	FIRE	0.0131	0.0088	0.0139	0.0172
	LE	0.0242	0.0187	0.027	0.0258
Quarterly	ALL	0.0119	0.0077	0.0149	0.0133
	ECC	0.0112	NR	0.0183	0.0147
	EM	0.0214	0.0203	0.0271	0.0161
	EMS	0.0066	NR	0.0112	0.0084
	FIRE	0.004	NR	0.0084	0.0034
	LE	0.0108	0.0047	0.0154	0.0111
Monthly	ALL	0.0208	0.009	0.0223	0.0325
	ECC	0.0208	0.0099	0.0229	0.0294
	EM	0.0459	0.0122	0.0543	0.0806
	EMS	0.0105	0.0039	0.0075	0.0209
	FIRE	0.0121	0.0029	0.0084	0.0276
	LE	0.0215	0.0187	0.0116	0.0332
Daily	ALL	0.0133	0.0116	0.0099	0.0192
	ECC	0.016	0.0099	0.0138	0.0245
	EM	0.0153	0.0081	0.009	0.0323
	EMS	0.0105	0.0117	0.0075	0.0126
	FIRE	0.0121	0.0117	0.0111	0.0138
	LE	0.0148	0.0187	0.0039	0.0221

Q38\_8) Select the responses that best characterize how often your organization uses or deploys Incident Communications Manager (INCM). (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Never	ALL	0.5301	0.5711	0.5299	0.4838
	ECC	0.4775	0.5124	0.4817	0.4384
	EM	0.4869	0.541	0.4796	0.4247
	EMS	0.5699	0.6047	0.5336	0.5732
	FIRE	0.5778	0.5971	0.5766	0.5567
	LE	0.4664	0.5258	0.4923	0.3948
As needed	ALL	0.4105	0.3863	0.4055	0.444
	ECC	0.455	0.4527	0.4358	0.4778
	EM	0.4485	0.4057	0.457	0.4946
	EMS	0.3725	0.3605	0.3955	0.3598
	FIRE	0.3677	0.3647	0.351	0.3918
	LE	0.4664	0.4272	0.4462	0.5166
Semi-annually	ALL	0.0213	0.0155	0.0261	0.0221
	ECC	0.0241	0.01	0.0367	0.0246
	EM	0.02	0.0205	0.0226	0.0161
	EMS	0.0209	0.0116	0.0299	0.0209
	FIRE	0.0172	0.0147	0.0251	0.0103
	LE	0.0269	0.0141	0.0269	0.0369
Quarterly	ALL	0.0102	0.0052	0.0149	0.0103
	ECC	0.0129	0.01	0.0138	0.0148
	EM	0.0154	0.0123	0.0181	0.0161
	EMS	0.0105	0.0039	0.0149	0.0126
	FIRE	0.0091	0.0059	0.0139	0.0069
	LE	0.0121	0.0094	0.0154	0.0111
Monthly	ALL	0.0111	0.0078	0.0112	0.0147
	ECC	0.0129	NR	0.0138	0.0246
	EM	0.0154	0.0123	0.0045	0.0323
	EMS	0.0092	0.0039	0.0149	0.0084
	FIRE	0.0101	0.0029	0.0167	0.0103
	LE	0.0094	0.0094	0.0077	0.0111
Daily	ALL	0.0168	0.0142	0.0124	0.0251
	ECC	0.0177	0.0149	0.0183	0.0197
	EM	0.0138	0.0082	0.0181	0.0161
	EMS	0.017	0.0155	0.0112	0.0251
	FIRE	0.0182	0.0147	0.0167	0.0241
	LE	0.0188	0.0141	0.0115	0.0295



Q39\_1.1) Are your organization's end users proficient in using emergency communications capabilities to achieve operability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.9121	0.8899	0.9078	0.9426
	ECC	0.9467	0.942	0.9324	0.9665
	EM	0.9076	0.8755	0.9167	0.9381
	EMS	0.9064	0.8859	0.8963	0.9393
	FIRE	0.9072	0.8873	0.9011	0.9373
	LE	0.9235	0.9062	0.9077	0.9529
No	ALL	0.0879	0.1101	0.0922	0.0574
	ECC	0.0533	0.058	0.0676	0.0335
	EM	0.0924	0.1245	0.0833	0.0619
	EMS	0.0936	0.1141	0.1037	0.0607
	FIRE	0.0928	0.1127	0.0989	0.0627
	LE	0.0765	0.0938	0.0923	0.0471

Q39\_1.2) Are your organization's end users proficient in using emergency communications capabilities to achieve operability in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7163	0.6583	0.7122	0.7874
	ECC	0.8283	0.7816	0.8416	0.8606
	EM	0.7145	0.6452	0.7225	0.7938
	EMS	0.677	0.5894	0.6929	0.753
	FIRE	0.6739	0.6145	0.6648	0.7525
	LE	0.793	0.7489	0.777	0.8442
No	ALL	0.2837	0.3417	0.2878	0.2126
	ECC	0.1717	0.2184	0.1584	0.1394
	EM	0.2855	0.3548	0.2775	0.2062
	EMS	0.323	0.4106	0.3071	0.247
	FIRE	0.3261	0.3855	0.3352	0.2475
	LE	0.207	0.2511	0.223	0.1558

Q39\_2.1) Are your organization's end users proficient in using emergency communications capabilities to achieve interoperability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7852	0.7359	0.7886	0.8376
	ECC	0.8668	0.8406	0.8694	0.89
	EM	0.7809	0.7309	0.8026	0.8196
	EMS	0.7599	0.6958	0.763	0.8252
	FIRE	0.7557	0.6965	0.7631	0.8146
	LE	0.8314	0.7991	0.8118	0.8768
No	ALL	0.2148	0.2641	0.2114	0.1624
	ECC	0.1332	0.1594	0.1306	0.11
	EM	0.2191	0.2691	0.1974	0.1804
	EMS	0.2401	0.3042	0.237	0.1748
	FIRE	0.2443	0.3035	0.2369	0.1854
	LE	0.1686	0.2009	0.1882	0.1232

Q39\_2.2) Are your organization's end user proficient in using emergency communications capabilities to achieve interoperability in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.5777	0.5258	0.5665	0.6504
	ECC	0.6661	0.6262	0.6833	0.6875
	EM	0.5561	0.5081	0.5683	0.6031
	EMS	0.5155	0.4525	0.5243	0.5732
	FIRE	0.5214	0.4696	0.5194	0.5828
	LE	0.6728	0.6351	0.658	0.7174
No	ALL	0.4223	0.4742	0.4335	0.3496
	ECC	0.3339	0.3738	0.3167	0.3125
	EM	0.4439	0.4919	0.4317	0.3969
	EMS	0.4845	0.5475	0.4757	0.4268
	FIRE	0.4786	0.5304	0.4806	0.4172
	LE	0.3272	0.3649	0.342	0.2826

Q39\_3.1) Are your organization's end users proficient in using emergency communications capabilities to achieve continuity in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.7198	0.6821	0.7132	0.7709
	ECC	0.81	0.8116	0.8108	0.8077
	EM	0.694	0.6667	0.7105	0.7098
	EMS	0.6761	0.616	0.6889	0.7265
	FIRE	0.6683	0.6243	0.6612	0.7276
	LE	0.8101	0.808	0.7786	0.8431
No	ALL	0.2802	0.3179	0.2868	0.2291
	ECC	0.19	0.1884	0.1892	0.1923
	EM	0.306	0.3333	0.2895	0.2902
	EMS	0.3239	0.384	0.3111	0.2735
	FIRE	0.3317	0.3757	0.3388	0.2724
	LE	0.1899	0.192	0.2214	0.1569

Q39\_3.2) Are your organization's end users proficient in using emergency communications capabilities to achieve continuity in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Yes	ALL	0.5284	0.4962	0.5092	0.5879
	ECC	0.6262	0.6068	0.6335	0.6377
	EM	0.5037	0.4879	0.5	0.5285
	EMS	0.4651	0.4259	0.4699	0.502
	FIRE	0.4712	0.4464	0.4611	0.5116
	LE	0.648	0.6413	0.6208	0.68
No	ALL	0.4716	0.5038	0.4908	0.4121
	ECC	0.3738	0.3932	0.3665	0.3623
	EM	0.4963	0.5121	0.5	0.4715
	EMS	0.5349	0.5741	0.5301	0.498
	FIRE	0.5288	0.5536	0.5389	0.4884
	LE	0.352	0.3587	0.3792	0.32

**Q40) Select the responses that characterize the technology systems your organization uses, regardless of whether the systems are owned, shared, or subscription-based: (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Land Mobile Radio (LMR) system (Q40.a)	ALL	<b>0.7567</b>	0.7651	0.7775	0.7222
	ECC	0.774	0.7464	0.7723	0.8028
	EM	0.7737	0.7738	0.793	0.7513
	EMS	0.769	0.7698	0.792	0.743
	FIRE	0.7651	0.7736	0.779	0.7386
	LE	0.7225	0.7577	0.7391	0.6774
4G/Long-Term Evolution (LTE) system (Q40.b)	ALL	<b>0.4176</b>	0.3609	0.4306	0.4672
	ECC	0.4783	0.4354	0.4732	0.5258
	EM	0.5237	0.496	0.5022	0.5838
	EMS	0.4074	0.317	0.4197	0.49
	FIRE	0.3558	0.2865	0.3531	0.4379
	LE	0.4182	0.3612	0.4203	0.4624
5G system (Q40.c)	ALL	<b>0.3894</b>	0.2658	0.4103	0.5071
	ECC	0.418	0.3158	0.4241	0.5117
	EM	0.4704	0.3333	0.4934	0.6193
	EMS	0.3642	0.234	0.3796	0.4859
	FIRE	0.3314	0.2034	0.3261	0.4837
	LE	0.422	0.3084	0.4022	0.5341
Satellite system (Q40.d)	ALL	<b>0.13</b>	0.0878	0.1232	0.1866
	ECC	0.1966	0.1531	0.1875	0.2488
	EM	0.2145	0.1468	0.2291	0.2843
	EMS	0.1015	0.0528	0.1204	0.1325
	FIRE	0.0867	0.0487	0.0863	0.1307
	LE	0.1292	0.0837	0.0833	0.2115
High-Frequency (HF) Radio (Auxiliary Communications [AUXCOMM]/SHARED RESOURCES [SHARES]/FEMA National Radio System [FNARS]) (Q40.e)	ALL	<b>0.2126</b>	0.2015	0.2093	0.2293
	ECC	0.243	0.244	0.2277	0.2582
	EM	0.3299	0.3056	0.3304	0.3604
	EMS	0.1789	0.1925	0.1825	0.1606
	FIRE	0.1618	0.1519	0.1644	0.1699
	LE	0.2148	0.2247	0.2029	0.2186
Paging system (Q40.f)	ALL	<b>0.5628</b>	0.6539	0.5574	0.4644
	ECC	0.6579	0.7847	0.6562	0.5352
	EM	0.5562	0.5952	0.5771	0.4822
	EMS	0.6523	0.7358	0.6898	0.5221
	FIRE	0.6647	0.7479	0.6792	0.5523
	LE	0.3875	0.4846	0.3696	0.3262
WiFi (Q40.g)	ALL	<b>0.6715</b>	0.5909	0.6818	0.7521
	ECC	0.7632	0.7321	0.7411	0.8169
	EM	0.7707	0.6984	0.8106	0.8173
	EMS	0.6485	0.5547	0.6533	0.743
	FIRE	0.5682	0.4756	0.5553	0.6895
	LE	0.7558	0.6916	0.7572	0.8065

Legacy cellular system (2nd Generation/3rd Generation) (Q40.h)	ALL	<b>0.0844</b>	0.0853	0.0825	0.0855
	ECC	0.1238	0.1435	0.1161	0.1127
	EM	0.0917	0.0913	0.0837	0.1015
	EMS	0.0761	0.0679	0.1022	0.0562
	FIRE	0.0643	0.0544	0.0755	0.0621
	LE	0.087	0.0969	0.0797	0.086
Wireline/landline (e.g., fiber, copper, cable, optical) (Q40.i)	ALL	<b>0.6199</b>	0.5711	0.6089	0.6895
	ECC	0.8591	0.8469	0.8571	0.8732
	EM	0.747	0.7103	0.7841	0.7513
	EMS	0.566	0.4566	0.573	0.6747
	FIRE	0.5068	0.4069	0.4798	0.6536
	LE	0.6969	0.652	0.7029	0.7276
Microwave backhaul (Q40.j)	ALL	<b>0.2216</b>	0.1508	0.2476	0.2721
	ECC	0.4334	0.2967	0.4955	0.5023
	EM	0.2929	0.1825	0.3348	0.3858
	EMS	0.184	0.0906	0.2044	0.261
	FIRE	0.1657	0.0831	0.1806	0.2418
	LE	0.2442	0.1454	0.2899	0.2796
911 telephony (e.g., basic, enhanced, Next Generation 911 [NG911]) (Q40.k)	ALL	<b>0.6919</b>	0.6675	0.6806	0.7336
	ECC	0.918	0.9043	0.9152	0.9343
	EM	0.75	0.7381	0.7489	0.7665
	EMS	0.6586	0.6113	0.6606	0.7068
	FIRE	0.6511	0.6103	0.6146	0.7418
	LE	0.7302	0.7093	0.6993	0.7778
Ad-hoc networks (e.g., wireless mesh network, MANET, personal area networks, wide-area networks) (Q40.l)	ALL	<b>0.1278</b>	0.0667	0.122	0.2051
	ECC	0.1966	0.134	0.1518	0.3052
	EM	0.176	0.0952	0.1674	0.2893
	EMS	0.1129	0.0453	0.0912	0.2088
	FIRE	0.0955	0.0372	0.0755	0.1863
	LE	0.1547	0.0661	0.1486	0.233



**Q40a01) The primary LMR system used by my organization is:** (SATA) Note: quantities are proportions of local respondents that selected "Land Mobile Radio (LMR) system" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Used for voice (Q40a01.a)	ALL	<b>0.9932</b>	0.9887	0.9938	0.998
	ECC	0.998	1	0.9942	1
	EM	0.9942	0.9948	0.9888	1
	EMS	0.9967	0.9951	0.9954	1
	FIRE	0.9949	0.9926	0.993	1
	LE	0.9839	0.9649	0.9901	0.9946
Used for video (Q40a01.b)	ALL	<b>0.0256</b>	0.0243	0.0202	0.0341
	ECC	0.0222	0.0192	0.0174	0.0298
	EM	0.0388	0.0206	0.0449	0.0556
	EMS	0.0265	0.0294	0.023	0.0273
	FIRE	0.0219	0.0186	0.014	0.0359
	LE	0.0466	0.0468	0.0297	0.0649
Used for data (Q40a01.c)	ALL	<b>0.1261</b>	0.1167	0.1149	0.1523
	ECC	0.1512	0.1282	0.157	0.1667
	EM	0.1453	0.1237	0.1292	0.1944
	EMS	0.1325	0.1225	0.1244	0.153
	FIRE	0.1144	0.1004	0.0944	0.157
	LE	0.1685	0.193	0.1535	0.1622
Used for voice interoperability (Q40a01.d)	ALL	<b>0.4886</b>	0.4052	0.5062	0.5691
	ECC	0.625	0.5321	0.6628	0.6726
	EM	0.5969	0.5	0.5955	0.7292
	EMS	0.4983	0.3775	0.5346	0.5902
	FIRE	0.455	0.3903	0.458	0.5291
	LE	0.4821	0.3743	0.505	0.5568
Used for data interoperability (Q40a01.e)	ALL	<b>0.0511</b>	0.0421	0.045	0.0701
	ECC	0.0766	0.0897	0.0756	0.0655
	EM	0.0756	0.0515	0.0618	0.125
	EMS	0.0646	0.0686	0.0369	0.0929
	FIRE	0.0501	0.0446	0.028	0.0852
	LE	0.0735	0.076	0.0545	0.0919

**Q40a02) The primary LMR system used by my organization supports:** (SATA) Note: quantities are proportions of local respondents that selected "Land Mobile Radio (LMR) system" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Day-to-day situations with intervention (Q40a02.a)	ALL	<b>0.4751</b>	0.5197	0.4483	0.4549
	ECC	0.4089	0.4295	0.3941	0.4048
	EM	0.4648	0.4948	0.4438	0.4507
	EMS	0.4583	0.5419	0.4372	0.3901
	FIRE	0.4734	0.4962	0.4752	0.4439
	LE	0.5036	0.5569	0.4545	0.5081
Day-to-day situations without intervention (Q40a02.b)	ALL	<b>0.6378</b>	0.5839	0.6505	0.6874
	ECC	0.7085	0.7051	0.7	0.7202
	EM	0.6562	0.6094	0.6629	0.7113
	EMS	0.625	0.5665	0.586	0.7363
	FIRE	0.6174	0.5827	0.5957	0.6861
	LE	0.64	0.5689	0.6717	0.6703
Out-of-the-ordinary situations with intervention (Q40a02.c)	ALL	<b>0.3811</b>	0.3766	0.3699	0.4008
	ECC	0.4231	0.4615	0.4294	0.381
	EM	0.4277	0.4115	0.4157	0.4648
	EMS	0.3467	0.3153	0.3349	0.3956
	FIRE	0.332	0.3158	0.305	0.3857
	LE	0.3945	0.3533	0.4091	0.4162
Out-of-the-ordinary situations without intervention (Q40a02.d)	ALL	<b>0.3903</b>	0.3207	0.3934	0.4709
	ECC	0.4757	0.4167	0.4765	0.5298
	EM	0.4297	0.3802	0.427	0.5
	EMS	0.3567	0.2759	0.3256	0.4835
	FIRE	0.3476	0.3008	0.2979	0.4664
	LE	0.4273	0.3174	0.4444	0.5081

**Q40a03) The primary LMR system used by my organization is:** (SOR) Note: quantities are proportions of local respondents that selected "Land Mobile Radio (LMR) system" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Independently owned and operated (e.g., single jurisdiction system) and used exclusively by our organization	ALL	<b>0.1847</b>	0.1748	0.1828	0.1992
	ECC	0.1838	0.141	0.1919	0.2156
	EM	0.2043	0.1813	0.2135	0.2238
	EMS	0.2	0.1921	0.2037	0.2044
	FIRE	0.1781	0.1642	0.186	0.1847
	LE	0.2134	0.1765	0.195	0.2678
Part of a communication system that serves multiple public safety and/or public service organizations in our jurisdiction	ALL	<b>0.4357</b>	0.4967	0.4062	0.3984
	ECC	0.3899	0.4808	0.3256	0.3713
	EM	0.4086	0.4611	0.382	0.3706
	EMS	0.4317	0.4828	0.412	0.3978
	FIRE	0.4606	0.5373	0.4421	0.3919
	LE	0.4141	0.4882	0.4	0.3607
Part of a multi-jurisdictional shared system	ALL	<b>0.1767</b>	0.116	0.1859	0.2394
	ECC	0.1556	0.0641	0.1686	0.2275
	EM	0.1576	0.1192	0.1629	0.2028
	EMS	0.165	0.1281	0.1574	0.2155
	FIRE	0.1819	0.1306	0.1754	0.2523
	LE	0.1989	0.1353	0.22	0.235
Part of a statewide shared system	ALL	<b>0.191</b>	0.1961	0.2125	0.1569
	ECC	0.2606	0.2949	0.3081	0.1796
	EM	0.2198	0.228	0.2247	0.2028
	EMS	0.1933	0.1823	0.2176	0.1768
	FIRE	0.1716	0.1567	0.186	0.1712
	LE	0.1609	0.1765	0.175	0.1311
A commercial, subscription-based service	ALL	<b>0.012</b>	0.0163	0.0125	0.006
	ECC	0.0101	0.0192	0.0058	0.006
	EM	0.0097	0.0104	0.0169	NR
	EMS	0.01	0.0148	0.0093	0.0055
	FIRE	0.0077	0.0112	0.0105	NR
	LE	0.0127	0.0235	0.01	0.0055

**Q40a04) The primary LMR system used by my organization is:** (SOR) Note: quantities are proportions of local respondents that selected "Land Mobile Radio (LMR) system" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
0 - 1 year old	ALL	<b>0.0591</b>	0.0544	0.0654	0.0566
	ECC	0.069	0.0507	0.0886	0.0654
	EM	0.053	0.0503	0.0526	0.0569
	EMS	0.0619	0.061	0.0549	0.071
	FIRE	0.0503	0.0514	0.0429	0.0582
	LE	0.0752	0.0692	0.0904	0.0641
2 - 5 years old	ALL	<b>0.2777</b>	0.2823	0.2542	0.3019
	ECC	0.2851	0.2971	0.2532	0.3072
	EM	0.2627	0.2767	0.2434	0.2683
	EMS	0.2814	0.3293	0.2637	0.2516
	FIRE	0.2579	0.2383	0.2747	0.2593
	LE	0.3319	0.3308	0.2952	0.3718
6 - 10 years old	ALL	<b>0.2447</b>	0.2137	0.2374	0.2901
	ECC	0.2561	0.2319	0.2405	0.2941
	EM	0.2396	0.1824	0.2632	0.2846
	EMS	0.2435	0.2073	0.2088	0.3226
	FIRE	0.25	0.2477	0.1931	0.3228
	LE	0.2257	0.2154	0.2169	0.2436
Over 10 years old	ALL	<b>0.4186</b>	0.4496	0.443	0.3514
	ECC	0.3898	0.4203	0.4177	0.3333
	EM	0.4447	0.4906	0.4408	0.3902
	EMS	0.4132	0.4024	0.4725	0.3548
	FIRE	0.4418	0.4626	0.4893	0.3598
	LE	0.3673	0.3846	0.3976	0.3205

**Q40a05) The primary LMR system used by my organization is planned to be replaced or significantly upgraded:**  
 (SOR) Note: quantities are proportions of local respondents that selected "Land Mobile Radio (LMR) system" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Within 1 year	ALL	<b>0.2497</b>	0.2443	0.2673	0.2348
	ECC	0.2669	0.2651	0.25	0.2832
	EM	0.2436	0.2283	0.2857	0.2118
	EMS	0.192	0.2195	0.217	0.1364
	FIRE	0.2193	0.2621	0.2348	0.1589
	LE	0.2642	0.2319	0.2717	0.2788
Within 5 years	ALL	<b>0.4198</b>	0.4351	0.4191	0.4053
	ECC	0.402	0.4578	0.44	0.3274
	EM	0.4291	0.4674	0.4082	0.4118
	EMS	0.4638	0.439	0.5094	0.4318
	FIRE	0.4269	0.4563	0.4242	0.4019
	LE	0.4151	0.4638	0.4348	0.3654
Within 6 - 10 years	ALL	<b>0.1761</b>	0.1718	0.1551	0.2045
	ECC	0.1486	0.1807	0.12	0.1504
	EM	0.1709	0.1413	0.1633	0.2118
	EMS	0.163	0.1341	0.1415	0.2159
	FIRE	0.1901	0.1165	0.1742	0.2804
	LE	0.1887	0.2174	0.1413	0.2115
In more than 10 years	ALL	<b>0.1544</b>	0.1489	0.1584	0.1553
	ECC	0.1824	0.0964	0.19	0.2389
	EM	0.1564	0.163	0.1429	0.1647
	EMS	0.1812	0.2073	0.1321	0.2159
	FIRE	0.1637	0.165	0.1667	0.1589
	LE	0.1321	0.087	0.1522	0.1442

**Q40a06) Select the response that best characterizes the network architecture of your organization's primary LMR system:** (SOR) Note: quantities are proportions of local respondents that selected "Land Mobile Radio (LMR) system" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Conventional (not trunked)	ALL	<b>0.3552</b>	0.4827	0.3339	0.2256
	ECC	0.2808	0.3896	0.2543	0.2083
	EM	0.3385	0.4352	0.3427	0.2028
	EMS	0.3909	0.525	0.3843	0.25
	FIRE	0.4109	0.566	0.417	0.2172
	LE	0.2989	0.4286	0.2673	0.2143
Trunked	ALL	<b>0.327</b>	0.2125	0.3541	0.4329
	ECC	0.4061	0.3247	0.4451	0.4405
	EM	0.3268	0.2383	0.3539	0.4126
	EMS	0.3037	0.185	0.3241	0.4111
	FIRE	0.2874	0.1925	0.2898	0.3982
	LE	0.3605	0.244	0.4109	0.4121
Both	ALL	<b>0.3178</b>	0.3048	0.312	0.3415
	ECC	0.3131	0.2857	0.3006	0.3512
	EM	0.3346	0.3264	0.3034	0.3846
	EMS	0.3054	0.29	0.2917	0.3389
	FIRE	0.3017	0.2415	0.2933	0.3846
	LE	0.3406	0.3274	0.3218	0.3736

**Q40a07) Does your organization's primary LMR system comply with Project 25 (P25) standards (i.e., a P25-compliant system)?** (SOR) Note: quantities are proportions of local respondents that selected "Land Mobile Radio (LMR) system" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Yes, Phase 1 (frequency division multiple access [FDMA] only) system	<b>ALL</b>	<b>0.2825</b>	0.3274	0.2799	0.2566
	<b>ECC</b>	0.2273	0.1667	0.2115	0.28
	<b>EM</b>	0.2664	0.3188	0.236	0.2558
	<b>EMS</b>	0.3018	0.381	0.3125	0.26
	<b>FIRE</b>	0.3262	0.459	0.3125	0.2705
	<b>LE</b>	0.25	0.2927	0.2907	0.1935
Yes, Phase 2 (time division multiple access [TDMA] only) system	<b>ALL</b>	<b>0.0884</b>	0.0298	0.1045	0.1094
	<b>ECC</b>	0.0985	0.05	0.1346	0.09
	<b>EM</b>	0.0861	0.0435	0.1011	0.1047
	<b>EMS</b>	0.1081	0.0476	0.125	0.12
	<b>FIRE</b>	0.1039	0.0328	0.1042	0.1393
	<b>LE</b>	0.0864	NR	0.1279	0.086
Yes, both Phase 1 and 2 (FDMA and TDMA)	<b>ALL</b>	<b>0.5307</b>	0.5119	0.5187	0.5547
	<b>ECC</b>	0.5758	0.6333	0.5481	0.57
	<b>EM</b>	0.5533	0.5072	0.5843	0.5581
	<b>EMS</b>	0.5135	0.4762	0.4625	0.57
	<b>FIRE</b>	0.4946	0.3934	0.5104	0.5328
	<b>LE</b>	0.5727	0.6098	0.4884	0.6344
No	<b>ALL</b>	<b>0.0984</b>	0.131	0.097	0.0792
	<b>ECC</b>	0.0985	0.15	0.1058	0.06
	<b>EM</b>	0.0943	0.1304	0.0787	0.0814
	<b>EMS</b>	0.0766	0.0952	0.1	0.05
	<b>FIRE</b>	0.0753	0.1148	0.0729	0.0574
	<b>LE</b>	0.0909	0.0976	0.093	0.086

**Q40a08) Is the primary LMR system used by your organization interoperable with the 4G/long-term evolution (LTE) system used by your organization?** (SOR) Note: quantities are proportions of local respondents that selected "Land Mobile Radio (LMR) system" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Yes	ALL	0.4274	0.3759	0.4291	0.4885
	ECC	0.4329	0.4074	0.4126	0.4762
	EM	0.4308	0.3711	0.4615	0.4683
	EMS	0.4011	0.3616	0.4249	0.4167
	FIRE	0.3985	0.364	0.4031	0.433
	LE	0.4989	0.4861	0.4655	0.5484
No	ALL	0.5726	0.6241	0.5709	0.5115
	ECC	0.5671	0.5926	0.5874	0.5238
	EM	0.5692	0.6289	0.5385	0.5317
	EMS	0.5989	0.6384	0.5751	0.5833
	FIRE	0.6015	0.636	0.5969	0.567
	LE	0.5011	0.5139	0.5345	0.4516



**Q40a09) My organization's LTE/LMR system interoperability is enabled by:** (SOR) Note: quantities are proportions of local respondents that selected "Land Mobile Radio (LMR) system" on Q40 and "Yes" on Q40a08.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
P25 standards-based Inter-RF Subsystem Interface (ISSI)/Console Subsystem Interface (CSSI)	ALL	<b>0.7457</b>	0.7609	0.7444	0.736
	ECC	0.7388	0.6176	0.8182	0.75
	EM	0.7411	0.7188	0.7949	0.7073
	EMS	0.7315	0.8	0.7	0.7273
	FIRE	0.7674	0.7742	0.7857	0.7381
	LE	0.7717	0.8387	0.8182	0.6923
Application-based solution	ALL	<b>0.1657</b>	0.1522	0.188	0.152
	ECC	0.1716	0.2647	0.1364	0.1429
	EM	0.1964	0.1875	0.2051	0.1951
	EMS	0.1852	0.16	0.2	0.1818
	FIRE	0.155	0.129	0.1607	0.1667
	LE	0.1102	0.0968	0.1364	0.0962
Proprietary interworking function	ALL	<b>0.0771</b>	0.087	0.0526	0.096
	ECC	0.0821	0.1176	0.0455	0.0893
	EM	0.0536	0.0938	NR	0.0732
	EMS	0.0741	0.04	0.1	0.0606
	FIRE	0.062	0.0968	0.0357	0.0714
	LE	0.0945	0.0645	0.0227	0.1731
Interworking Function (IWF)	ALL	<b>0.0114</b>	NR	0.015	0.016
	ECC	0.0075	NR	NR	0.0179
	EM	0.0089	NR	NR	0.0244
	EMS	0.0093	NR	NR	0.0303
	FIRE	0.0155	NR	0.0179	0.0238
	LE	0.0236	NR	0.0227	0.0385

**Q40a10) Select the responses that best characterize the current state of your organization's LMR encryption capabilities:** (SATA) Note: quantities are proportions of local respondents that selected "Land Mobile Radio (LMR) system" on Q40.

Answer Option	Discipline	All	Rural	Urban	Metro
Proprietary/non-standard	ALL	<b>0.2948</b>	0.3056	0.2628	0.3199
	ECC	0.2979	0.3191	0.2456	0.3306
	EM	0.3135	0.3019	0.2925	0.3516
	EMS	0.2694	0.3077	0.2793	0.2315
	FIRE	0.2732	0.2857	0.2836	0.25
	LE	0.3238	0.3803	0.2427	0.3645
Proprietary/non-standard transitioning to advanced encryption standard (AES)	ALL	<b>0.1343</b>	0.1354	0.1118	0.1582
	ECC	0.1581	0.1809	0.1053	0.1901
	EM	0.1584	0.1509	0.1604	0.1648
	EMS	0.1246	0.1154	0.1441	0.1111
	FIRE	0.1088	0.0924	0.1119	0.121
	LE	0.1922	0.2394	0.1262	0.2243
Data encryption standard (DES) (including all derivatives)	ALL	<b>0.1616</b>	0.1181	0.1631	0.202
	ECC	0.2401	0.2234	0.2456	0.2479
	EM	0.1815	0.1038	0.2075	0.2418
	EMS	0.1481	0.0769	0.1532	0.1944
	FIRE	0.1326	0.0504	0.1269	0.2177
	LE	0.2278	0.1831	0.2427	0.243
DES transitioning to AES	ALL	<b>0.0546</b>	0.0243	0.0604	0.0774
	ECC	0.076	0.0426	0.0789	0.0992
	EM	0.0693	0.0189	0.0943	0.0989
	EMS	0.0606	0.0128	0.0721	0.0833
	FIRE	0.0477	NR	0.0597	0.0806
	LE	0.089	0.0282	0.0971	0.1215
AES	ALL	<b>0.286</b>	0.1667	0.3051	0.3805
	ECC	0.4043	0.2766	0.4211	0.4876
	EM	0.3201	0.1604	0.3962	0.4176
	EMS	0.2694	0.1154	0.2703	0.3796
	FIRE	0.2414	0.1092	0.2239	0.3871
	LE	0.363	0.2113	0.3786	0.4486
AES actively expanding the number of encrypted talkgroups and/or channels	ALL	<b>0.1288</b>	0.0764	0.1269	0.1818
	ECC	0.1824	0.117	0.1667	0.2479
	EM	0.1386	0.066	0.1698	0.1868
	EMS	0.1178	0.0513	0.1441	0.1389
	FIRE	0.1034	0.0504	0.1119	0.1452
	LE	0.1744	0.1268	0.165	0.215
Link layer authentication (LLA) ( <u>Applies to Trunked Systems Only</u> )	ALL	<b>0.0557</b>	0.0382	0.0634	0.064
	ECC	0.0729	0.0426	0.0789	0.0909
	EM	0.0561	0.0566	0.0566	0.0549
	EMS	0.0606	0.0641	0.036	0.0833
	FIRE	0.0584	0.042	0.0448	0.0887
	LE	0.0712	0.0423	0.0971	0.0654

Over-the-air rekeying (OTAR)	ALL	<b>0.119</b>	0.0625	0.1239	0.1684
	ECC	0.1611	0.1064	0.1579	0.2066
	EM	0.132	0.066	0.1509	0.1868
	EMS	0.1077	0.0641	0.0631	0.1852
	FIRE	0.0875	0.042	0.0448	0.1774
	LE	0.1459	0.0845	0.1456	0.1869
Procuring multikey subscriber devices	ALL	<b>0.0972</b>	0.0451	0.0695	0.1785
	ECC	0.1641	0.1064	0.1228	0.2479
	EM	0.099	0.0472	0.0849	0.1758
	EMS	0.1044	0.1026	0.027	0.1852
	FIRE	0.0928	0.0672	0.0224	0.1935
	LE	0.153	0.1127	0.068	0.2617
None	ALL	<b>0.3592</b>	0.4792	0.3505	0.2525
	ECC	0.2462	0.3511	0.2544	0.157
	EM	0.3102	0.4906	0.2642	0.1538
	EMS	0.404	0.5256	0.4054	0.3148
	FIRE	0.4271	0.563	0.4552	0.2661
	LE	0.2278	0.3521	0.2039	0.1682

Q40b1) The 4G/LTE system used by my organization is: (SATA) Note: quantities are proportions of local respondents that selected "4G/Long-Term Evolution (LTE)" on Q40.

Answer Option	Discipline	All	Rural	Urban	Metro
Used for voice (Q40b1.a)	ALL	<b>0.8506</b>	0.8834	0.8074	0.8692
	ECC	0.8567	0.908	0.8058	0.8636
	EM	0.8805	0.9262	0.8378	0.8727
	EMS	0.8454	0.8929	0.7965	0.8583
	FIRE	0.8524	0.9082	0.7984	0.8636
	LE	0.8491	0.9114	0.7544	0.896
Used for video (Q40b1.b)	ALL	<b>0.3783</b>	0.3322	0.3824	0.4143
	ECC	0.36	0.3103	0.3495	0.4091
	EM	0.4461	0.4344	0.4324	0.4727
	EMS	0.3502	0.2857	0.3451	0.4
	FIRE	0.3454	0.2755	0.3566	0.3864
	LE	0.4057	0.3544	0.3772	0.464
Used for data (Q40b1.c)	ALL	<b>0.7837</b>	0.7385	0.8017	0.8037
	ECC	0.77	0.7011	0.767	0.8273
	EM	0.828	0.7623	0.8649	0.8636
	EMS	0.7855	0.75	0.8142	0.7833
	FIRE	0.7577	0.6939	0.7907	0.7727
	LE	0.7736	0.6962	0.8421	0.76
Used for voice interoperability (Q40b1.d)	ALL	<b>0.2989</b>	0.3145	0.2635	0.324
	ECC	0.34	0.4138	0.2913	0.3273
	EM	0.3586	0.3525	0.3604	0.3636
	EMS	0.2808	0.2619	0.292	0.2833
	FIRE	0.2507	0.2143	0.2326	0.2955
	LE	0.305	0.3544	0.2632	0.312
Used for data interoperability (Q40b1.e)	ALL	<b>0.2738</b>	0.2226	0.272	0.3209
	ECC	0.29	0.2759	0.2816	0.3091
	EM	0.3294	0.2623	0.3784	0.3545
	EMS	0.224	0.1786	0.2389	0.2417
	FIRE	0.2117	0.1531	0.2016	0.2652
	LE	0.2862	0.2278	0.2982	0.312

Q40b2) The 4G/LTE system used by my organization is: (SOR) Note: quantities are proportions of local respondents that selected "4G/Long-Term Evolution (LTE)" on Q40.

Answer Option	Discipline	All	Rural	Urban	Metro
Independently owned and operated (e.g., single jurisdiction system) and used exclusively by our organization	ALL	<b>0.146</b>	0.1237	0.1243	0.1894
	ECC	0.12	0.093	0.1154	0.1455
	EM	0.1166	0.0902	0.1	0.1622
	EMS	0.1604	0.131	0.1228	0.2167
	FIRE	0.1306	0.0408	0.1308	0.197
	LE	0.1682	0.1	0.1478	0.2302
Part of a communications system that serves multiple public safety and/or public service organizations in our jurisdiction	ALL	<b>0.1606</b>	0.1908	0.1412	0.1553
	ECC	0.1367	0.1279	0.125	0.1545
	EM	0.1545	0.1639	0.1364	0.1622
	EMS	0.1604	0.2143	0.1404	0.1417
	FIRE	0.1639	0.2347	0.1308	0.1439
	LE	0.162	0.2	0.1826	0.119
Part of a multi-jurisdictional shared system	ALL	<b>0.0532</b>	0.0318	0.0424	0.0839
	ECC	0.06	0.0349	0.0481	0.0909
	EM	0.0408	0.0246	0.0273	0.0721
	EMS	0.0535	0.0238	0.0614	0.0667
	FIRE	0.05	0.0204	0.0385	0.0833
	LE	0.0467	0.025	0.0522	0.0556
Part of a statewide shared system	ALL	<b>0.0365</b>	0.0495	0.0311	0.0311
	ECC	0.0367	0.0349	0.0481	0.0273
	EM	0.0408	0.0328	0.0273	0.0631
	EMS	0.0314	0.0357	0.0351	0.025
	FIRE	0.0278	0.0306	0.0231	0.0303
	LE	0.0374	0.05	0.0174	0.0476
A commercial, subscription-based service	ALL	<b>0.6038</b>	0.6042	0.661	0.5404
	ECC	0.6467	0.7093	0.6635	0.5818
	EM	0.6472	0.6885	0.7091	0.5405
	EMS	0.5943	0.5952	0.6404	0.55
	FIRE	0.6278	0.6735	0.6769	0.5455
	LE	0.5857	0.625	0.6	0.5476

**Q40c1) The 5G system used by my organization is:** (SATA) Note: quantities are proportions of local respondents that selected "5G system" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Used for voice (Q40c1.a)	ALL	<b>0.8774</b>	0.8786	0.8716	0.8822
	ECC	0.861	0.8333	0.8925	0.8491
	EM	0.8958	0.939	0.8879	0.8729
	EMS	0.8901	0.8361	0.8824	0.9244
	FIRE	0.8859	0.8806	0.8667	0.9041
	LE	0.8652	0.8955	0.8148	0.8889
Used for video (Q40c1.b)	ALL	<b>0.4252</b>	0.4029	0.4119	0.4511
	ECC	0.4324	0.45	0.4194	0.434
	EM	0.5114	0.561	0.486	0.5
	EMS	0.3901	0.3279	0.3627	0.4454
	FIRE	0.4144	0.4328	0.4	0.4178
	LE	0.4389	0.3433	0.4444	0.4792
Used for data (Q40c1.c)	ALL	<b>0.7885</b>	0.7816	0.7851	0.796
	ECC	0.7876	0.7667	0.7742	0.8113
	EM	0.8339	0.8659	0.8224	0.822
	EMS	0.7837	0.7541	0.7745	0.8067
	FIRE	0.7688	0.7313	0.7667	0.7877
	LE	0.768	0.7313	0.8333	0.7361
Used for voice interoperability (Q40c1.d)	ALL	<b>0.324</b>	0.3301	0.3164	0.3276
	ECC	0.39	0.3833	0.4086	0.3774
	EM	0.4039	0.4146	0.4299	0.3729
	EMS	0.305	0.2295	0.3333	0.3193
	FIRE	0.2613	0.2239	0.25	0.2877
	LE	0.3103	0.3134	0.2778	0.3333
Used for data interoperability (Q40c1.e)	ALL	<b>0.3015</b>	0.2718	0.2806	0.3391
	ECC	0.3629	0.3333	0.3441	0.3962
	EM	0.3746	0.3293	0.3925	0.3898
	EMS	0.266	0.1967	0.2549	0.3109
	FIRE	0.2432	0.194	0.2167	0.2877
	LE	0.2915	0.2388	0.2685	0.3333

**Q40c2) The 5G system used by my organization is:** (SOR) Note: quantities are proportions of local respondents that selected "5G system" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Independently owned and operated (e.g., single jurisdiction system) and used exclusively by our organization	ALL	<b>0.161</b>	0.1667	0.1582	0.1605
	ECC	0.1308	0.1017	0.1064	0.1682
	EM	0.1136	0.1446	0.1028	0.1017
	EMS	0.1585	0.1774	0.1553	0.1513
	FIRE	0.1351	0.1029	0.1681	0.1233
	LE	0.1812	0.1642	0.156	0.2083
Part of a communications system that serves multiple public safety and/or public service organizations in our jurisdiction	ALL	<b>0.1554</b>	0.1716	0.1463	0.1547
	ECC	0.1692	0.1695	0.1489	0.1869
	EM	0.1234	0.1084	0.1028	0.1525
	EMS	0.1444	0.1774	0.1553	0.1176
	FIRE	0.1381	0.1912	0.1345	0.1164
	LE	0.1844	0.2239	0.1835	0.1667
Part of a multi-jurisdictional shared system	ALL	<b>0.0484</b>	0.0245	0.0358	0.0745
	ECC	0.0423	0.0169	0.0426	0.0561
	EM	0.0357	0.012	0.0187	0.0678
	EMS	0.0423	NR	0.0194	0.084
	FIRE	0.048	NR	0.0252	0.089
	LE	0.0469	0.0448	0.0367	0.0556
Part of a statewide shared system	ALL	<b>0.0259</b>	0.0343	0.0209	0.0258
	ECC	0.0308	0.0169	0.0426	0.028
	EM	0.0195	0.0241	0.0093	0.0254
	EMS	0.0387	0.0645	0.0291	0.0336
	FIRE	0.03	0.0294	0.0252	0.0342
	LE	0.0312	0.0299	0.0275	0.0347
A commercial, subscription-based service	ALL	<b>0.6092</b>	0.6029	0.6388	0.5845
	ECC	0.6269	0.6949	0.6596	0.5607
	EM	0.7078	0.7108	0.7664	0.6525
	EMS	0.6162	0.5806	0.6408	0.6134
	FIRE	0.6486	0.6765	0.6471	0.637
	LE	0.5562	0.5373	0.5963	0.5347

Q40d1) The HF radio system used by my organization is: (SOR) Note: quantities are proportions of local respondents that selected "High Frequency (HF) radio" on Q40.

Answer Option	Discipline	All	Rural	Urban	Metro
0 - 1 year old	ALL	0.0563	0.0442	0.0909	0.0273
	ECC	0.0278	0.0286	0.0294	0.0256
	EM	0.0592	0.0492	0.1	0.0208
	EMS	0.03	0.027	0.0541	NR
	FIRE	0.0342	0.0278	0.0652	NR
	LE	0.0708	0.0625	0.1026	0.0476
2 - 5 years old	ALL	0.2479	0.2389	0.25	0.2545
	ECC	0.3426	0.3429	0.4118	0.2821
	EM	0.1775	0.1311	0.1833	0.2292
	EMS	0.27	0.3514	0.1892	0.2692
	FIRE	0.2906	0.3333	0.2826	0.2571
	LE	0.3186	0.3125	0.3077	0.3333
6 - 10 years old	ALL	0.293	0.2832	0.2955	0.3
	ECC	0.2315	0.2571	0.1765	0.2564
	EM	0.3314	0.3607	0.3	0.3333
	EMS	0.26	0.1892	0.2703	0.3462
	FIRE	0.2564	0.1944	0.2391	0.3429
	LE	0.2478	0.2188	0.2564	0.2619
Over 10 years old	ALL	0.4028	0.4336	0.3636	0.4182
	ECC	0.3981	0.3714	0.3824	0.4359
	EM	0.432	0.459	0.4167	0.4167
	EMS	0.44	0.4324	0.4865	0.3846
	FIRE	0.4188	0.4444	0.413	0.4
	LE	0.3628	0.4062	0.3333	0.3571



**Q40d2) The HF radio system used by my organization is planned to be replaced or significantly upgraded:**

(SOR) Note: quantities are proportions of local respondents that selected "High Frequency (HF) radio" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Within 1 year	ALL	<b>0.1813</b>	0.1364	0.1515	0.2459
	ECC	0.1864	NR	0.2	0.2857
	EM	0.1687	0.125	0.1724	0.2
	EMS	0.2093	0.0909	0.1765	0.3333
	FIRE	0.1875	0.0833	0.1667	0.2778
	LE	0.1852	0.1429	0.12	0.2727
Within 5 years	ALL	<b>0.4269</b>	0.5455	0.3636	0.4098
	ECC	0.4576	0.5385	0.4	0.4762
	EM	0.4819	0.625	0.3793	0.4667
	EMS	0.3256	0.3636	0.3529	0.2667
	FIRE	0.3958	0.5	0.3889	0.3333
	LE	0.463	0.4286	0.4	0.5455
Within 6 - 10 years	ALL	<b>0.1696</b>	0.1136	0.2576	0.1148
	ECC	0.1525	0.2308	0.2	0.0476
	EM	0.1205	0.0833	0.2414	0.0333
	EMS	0.2791	0.1818	0.3529	0.2667
	FIRE	0.1458	0.1667	0.2222	0.0556
	LE	0.2407	0.2857	0.32	0.1364
In more than 10 years	ALL	<b>0.2222</b>	0.2045	0.2273	0.2295
	ECC	0.2034	0.2308	0.2	0.1905
	EM	0.2289	0.1667	0.2069	0.3
	EMS	0.186	0.3636	0.1176	0.1333
	FIRE	0.2708	0.25	0.2222	0.3333
	LE	0.1111	0.1429	0.16	0.0455

**Q40e1) The 911 telephony system used by my organization is:** (SOR) Note: quantities are proportions of local respondents that selected "911 telephony" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
0 - 1 year old	ALL	<b>0.0905</b>	0.0885	0.0874	0.0962
	ECC	0.1311	0.1429	0.1244	0.1271
	EM	0.1103	0.1319	0.1034	0.0924
	EMS	0.0914	0.1048	0.0786	0.0923
	FIRE	0.0765	0.0819	0.0559	0.0909
	LE	0.1123	0.1129	0.109	0.1149
2 - 5 years old	ALL	<b>0.4051</b>	0.4187	0.4058	0.3899
	ECC	0.4772	0.48	0.5181	0.4309
	EM	0.3922	0.3472	0.4069	0.4286
	EMS	0.3503	0.3548	0.3	0.4
	FIRE	0.33	0.3216	0.3354	0.3333
	LE	0.4736	0.5323	0.4551	0.4483
6 - 10 years old	ALL	<b>0.2264</b>	0.2225	0.213	0.2456
	ECC	0.2495	0.24	0.2124	0.2983
	EM	0.2475	0.2847	0.2138	0.2437
	EMS	0.2107	0.2339	0.2071	0.1923
	FIRE	0.2173	0.2398	0.1801	0.2303
	LE	0.2159	0.1855	0.2308	0.2241
Over 10 years old	ALL	<b>0.278</b>	0.2703	0.2937	0.2684
	ECC	0.1421	0.1371	0.1451	0.1436
	EM	0.25	0.2361	0.2759	0.2353
	EMS	0.3477	0.3065	0.4143	0.3154
	FIRE	0.3763	0.3567	0.4286	0.3455
	LE	0.1982	0.1694	0.2051	0.2126

**Q40e2) The 911 telephony system used by my organization is planned to be replaced or significantly upgraded:** (SOR) Note: quantities are proportions of local respondents that selected "911 telephony" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Within 1 year	ALL	<b>0.3121</b>	0.3112	0.2337	0.3944
	ECC	0.3251	0.3258	0.2374	0.4148
	EM	0.2928	0.3333	0.2396	0.3117
	EMS	0.3014	0.3673	0.2375	0.325
	FIRE	0.2984	0.375	0.2118	0.3232
	LE	0.3466	0.3239	0.25	0.4322
Within 5 years	ALL	<b>0.4555</b>	0.4315	0.5172	0.4143
	ECC	0.4606	0.4091	0.518	0.4519
	EM	0.4677	0.4111	0.5	0.4935
	EMS	0.4498	0.3469	0.5125	0.45
	FIRE	0.4597	0.375	0.5647	0.4242
	LE	0.4477	0.3944	0.5795	0.3814
Within 6 - 10 years	ALL	<b>0.158</b>	0.1992	0.1609	0.1155
	ECC	0.1552	0.2273	0.1655	0.0741
	EM	0.1407	0.1667	0.1354	0.1169
	EMS	0.1531	0.2041	0.1875	0.0875
	FIRE	0.1411	0.1875	0.1294	0.1212
	LE	0.1444	0.2113	0.1023	0.1356
In more than 10 years	ALL	<b>0.0744</b>	0.0581	0.0881	0.0757
	ECC	0.0591	0.0379	0.0791	0.0593
	EM	0.0989	0.0889	0.125	0.0779
	EMS	0.0957	0.0816	0.0625	0.1375
	FIRE	0.1008	0.0625	0.0941	0.1313
	LE	0.0614	0.0704	0.0682	0.0508

**Q40e3) The 911 telephony system used by my organization accepts:** (SATA) Note: quantities are proportions of local respondents that selected "911 telephony" on Q40.

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Voice (Q40e3.a)	ALL	<b>0.9925</b>	0.9905	0.9946	0.9922
	ECC	0.9983	1	1	0.9949
	EM	0.994	0.9945	1	0.9866
	EMS	0.9922	0.9938	1	0.9827
	FIRE	0.9909	0.9904	1	0.9821
	LE	0.9893	0.9873	0.984	0.9954
Texts (Q40e3.b)	ALL	<b>0.7343</b>	0.6881	0.759	0.7554
	ECC	0.7959	0.754	0.8276	0.803
	EM	0.7485	0.7198	0.7711	0.7584
	EMS	0.726	0.7391	0.7175	0.7225
	FIRE	0.718	0.6746	0.7265	0.75
	LE	0.75	0.7006	0.7754	0.7639
Video (Q40e3.c)	ALL	<b>0.1423</b>	0.1512	0.1403	0.1353
	ECC	0.1735	0.2353	0.1675	0.1212
	EM	0.159	0.1813	0.1386	0.1544
	EMS	0.1235	0.1491	0.1243	0.0988
	FIRE	0.1252	0.1244	0.13	0.1211
	LE	0.1518	0.1911	0.1283	0.1435
Other data (Q40e3.d)	ALL	<b>0.1674</b>	0.1531	0.1673	0.1824
	ECC	0.2143	0.2193	0.2118	0.2121
	EM	0.1529	0.1429	0.1687	0.1477
	EMS	0.1667	0.1491	0.1582	0.1919
	FIRE	0.1527	0.1244	0.148	0.1839
	LE	0.1768	0.1592	0.1658	0.1991

**Q40e4) Select the response that best characterizes the current state of your organization's 911 architecture:**  
(SATA) Note: quantities are proportions of local respondents that selected "911 telephony" on Q40.

Answer Option	Discipline	All	Rural	Urban	Metro
Basic (Q40e4.a)	ALL	<b>0.1398</b>	0.1552	0.1316	0.1327
	ECC	0.0939	0.0695	0.0887	0.1224
	EM	0.1202	0.1215	0.1481	0.0878
	EMS	0.1542	0.1625	0.1469	0.1538
	FIRE	0.1391	0.1683	0.1091	0.1416
	LE	0.1522	0.1645	0.1405	0.1535
Transitioning to Enhanced 911 (E911) (Q40e4.b)	ALL	<b>0.0909</b>	0.1073	0.075	0.0911
	ECC	0.058	0.0428	0.0394	0.0918
	EM	0.0957	0.0994	0.0802	0.1081
	EMS	0.0909	0.0875	0.1017	0.0828
	FIRE	0.0881	0.1106	0.0682	0.0868
	LE	0.0978	0.0789	0.0757	0.1302
E911 (Q40e4.c)	ALL	<b>0.472</b>	0.4483	0.4899	0.4772
	ECC	0.459	0.4385	0.4286	0.5102
	EM	0.4582	0.3646	0.5123	0.5135
	EMS	0.5119	0.4938	0.5254	0.5148
	FIRE	0.4961	0.4904	0.5136	0.484
	LE	0.4601	0.4474	0.5081	0.4279
Transitioning to Next Generation 911 (NG911) (Q40e4.d)	ALL	<b>0.3405</b>	0.2893	0.3473	0.3861
	ECC	0.3823	0.3636	0.3596	0.4235
	EM	0.3727	0.337	0.4012	0.3851
	EMS	0.3261	0.2812	0.3503	0.3432
	FIRE	0.3107	0.2548	0.3364	0.3379
	LE	0.3587	0.2763	0.3568	0.4186
NG911: Emergency Services IP Network (ESInet) ready to receive 911 calls from the originating service providers via a Legacy Network Gateway (Q40e4.e)	ALL	<b>0.2014</b>	0.1839	0.2066	0.2139
	ECC	0.2782	0.2834	0.2759	0.2755
	EM	0.2159	0.2486	0.2284	0.1622
	EMS	0.1719	0.1812	0.1808	0.1538
	FIRE	0.1716	0.1779	0.1682	0.1689
	LE	0.2228	0.25	0.1838	0.2372
NG911: ESInet ready to receive 911 calls in SIP (Session Initiation Protocol) format (Q40e4.f)	ALL	<b>0.129</b>	0.1188	0.1298	0.1386
	ECC	0.2389	0.2299	0.2365	0.25
	EM	0.1303	0.1326	0.1111	0.1486
	EMS	0.1067	0.125	0.0847	0.1124
	FIRE	0.1005	0.101	0.0864	0.1142
	LE	0.1304	0.1184	0.1297	0.1395
NG911: ESInet ready to receive 911 calls in NG911 format (Q40e4.g)	ALL	<b>0.169</b>	0.1475	0.1755	0.1842
	ECC	0.2969	0.262	0.3054	0.3214
	EM	0.1894	0.1989	0.1728	0.1959
	EMS	0.1443	0.15	0.1073	0.1775
	FIRE	0.1422	0.1298	0.1136	0.1826
	LE	0.1884	0.1513	0.1784	0.2233

**Q41) Select the responses that indicate the capabilities your organization currently uses, regardless of whether the systems are owned, shared, or subscription-based: (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Datacasting (i.e., broadcast TV-based alerts and warnings) (Q41.a)	ALL	<b>0.1842</b>	0.1386	0.1927	0.226
	ECC	0.2167	0.1881	0.2243	0.2367
	EM	0.2712	0.2125	0.2986	0.3138
	EMS	0.1651	0.1094	0.1908	0.1974
	FIRE	0.1563	0.1175	0.1638	0.1911
	LE	0.1842	0.1567	0.1641	0.2259
Internet-of-Things devices (e.g., smart clothing, smart phones, smart watches) (Q41.b)	ALL	<b>0.306</b>	0.2785	0.3004	0.3442
	ECC	0.3419	0.302	0.3458	0.3768
	EM	0.3513	0.3208	0.3394	0.4043
	EMS	0.2889	0.2461	0.313	0.309
	FIRE	0.2799	0.2319	0.2712	0.3447
	LE	0.3258	0.2995	0.3168	0.3556
Unmanned aerial systems (e.g., drones) (Q41.c)	ALL	<b>0.238</b>	0.1645	0.2215	0.3412
	ECC	0.3114	0.2277	0.2897	0.4155
	EM	0.339	0.2667	0.3258	0.4468
	EMS	0.1851	0.125	0.1603	0.279
	FIRE	0.1808	0.1145	0.1525	0.2901
	LE	0.2977	0.1935	0.2748	0.4037
Mission critical push-to-talk applications (Q41.d)	ALL	<b>0.1886</b>	0.1451	0.1877	0.2393
	ECC	0.2616	0.2178	0.2523	0.314
	EM	0.2173	0.1458	0.2172	0.3085
	EMS	0.2011	0.1328	0.2214	0.2532
	FIRE	0.1614	0.1114	0.1582	0.2218
	LE	0.2136	0.1521	0.2214	0.2556
Cloud computing (Q41.e)	ALL	<b>0.1726</b>	0.1036	0.1389	0.291
	ECC	0.199	0.1386	0.1729	0.285
	EM	0.208	0.1125	0.1855	0.3564
	EMS	0.1824	0.0977	0.1641	0.2961
	FIRE	0.1583	0.0693	0.1243	0.3003
	LE	0.2243	0.1567	0.1908	0.3111
Artificial intelligence (Q41.f)	ALL	<b>0.0196</b>	0.0117	0.0138	0.0355
	ECC	0.0353	0.0198	0.0327	0.0531
	EM	0.0247	0.0167	0.0226	0.0372
	EMS	0.0146	0.0117	0.0076	0.0258
	FIRE	0.0123	0.009	0.0085	0.0205
	LE	0.0214	0.0092	0.0153	0.037
Citizens Broadband Radio Service (CBRS)-based system (Q41.i)	ALL	<b>0.0431</b>	0.0363	0.0325	0.0635
	ECC	0.0465	0.0396	0.028	0.0725
	EM	0.0724	0.05	0.0498	0.1277
	EMS	0.032	0.0312	0.0229	0.0429
	FIRE	0.0296	0.0331	0.0169	0.041
	LE	0.0441	0.0415	0.0305	0.0593

Third-party texting/chat applications (Q41.j)	ALL	<b>0.3025</b>	0.2396	0.3029	0.3737
	ECC	0.4141	0.3812	0.4159	0.4444
	EM	0.3559	0.3042	0.3303	0.4521
	EMS	0.3023	0.2305	0.3015	0.382
	FIRE	0.287	0.2199	0.2881	0.3618
	LE	0.2924	0.2212	0.2748	0.3667
None of the above (Q41.k)	ALL	<b>0.2593</b>	0.3264	0.2603	0.1817
	ECC	0.1766	0.203	0.1869	0.1401
	EM	0.1757	0.2042	0.2172	0.0904
	EMS	0.277	0.3906	0.229	0.206
	FIRE	0.3136	0.3946	0.3362	0.1945
	LE	0.2123	0.2719	0.2099	0.1667

**Q42\_1) Select the responses that best describe your organization's use of the Integrated Public Alert and Warning System (IPAWS): (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
My organization originates messages using this system (Q42_1.a)	<b>ALL</b>	<b>0.2869</b>	0.2579	0.2942	0.3117
	<b>ECC</b>	0.398	0.342	0.4502	0.3968
	<b>EM</b>	0.4856	0.4506	0.5234	0.4859
	<b>EMS</b>	0.218	0.1736	0.2311	0.2523
	<b>FIRE</b>	0.2037	0.1548	0.2006	0.2639
	<b>LE</b>	0.3038	0.2865	0.3125	0.3089
My organization responds to messages on this system originated by another organization (Q42_1.b)	<b>ALL</b>	<b>0.3469</b>	0.3402	0.3668	0.3307
	<b>ECC</b>	0.3153	0.3109	0.3223	0.3122
	<b>EM</b>	0.3413	0.3219	0.3785	0.322
	<b>EMS</b>	0.3671	0.3595	0.3904	0.3486
	<b>FIRE</b>	0.3647	0.3613	0.3743	0.3569
	<b>LE</b>	0.3348	0.3385	0.3292	0.3374
My organization neither originates nor responds to messages using this system (Q42_1.c)	<b>ALL</b>	<b>0.4172</b>	0.4486	0.3905	0.413
	<b>ECC</b>	0.371	0.4093	0.3223	0.3862
	<b>EM</b>	0.2692	0.309	0.2103	0.2881
	<b>EMS</b>	0.4585	0.4917	0.4343	0.4495
	<b>FIRE</b>	0.4688	0.5097	0.4641	0.4275
	<b>LE</b>	0.4189	0.4375	0.3917	0.4309



**Q42\_2) Select the responses that best describe your organization's use of the Emergency Alert System (EAS):**  
(SATA)

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
My organization originates messages using this system (Q42_2.a)	<b>ALL</b>	<b>0.275</b>	0.2544	0.2718	0.3027
	<b>ECC</b>	0.3483	0.3161	0.3726	0.3538
	<b>EM</b>	0.4561	0.4329	0.4931	0.4413
	<b>EMS</b>	0.1969	0.1777	0.2039	0.21
	<b>FIRE</b>	0.2052	0.1804	0.1983	0.2426
	<b>LE</b>	0.309	0.295	0.3171	0.3123
My organization responds to messages on this system originated by another organization (Q42_2.b)	<b>ALL</b>	<b>0.4393</b>	0.4371	0.4447	0.4353
	<b>ECC</b>	0.4233	0.4145	0.3915	0.4667
	<b>EM</b>	0.4386	0.4459	0.4378	0.4302
	<b>EMS</b>	0.4721	0.4504	0.4863	0.4795
	<b>FIRE</b>	0.4511	0.4367	0.4431	0.4779
	<b>LE</b>	0.4306	0.445	0.4146	0.4348
My organization neither originates nor responds to messages using this system (Q42_2.c)	<b>ALL</b>	<b>0.3304</b>	0.3505	0.3251	0.3136
	<b>ECC</b>	0.2983	0.3161	0.3019	0.2769
	<b>EM</b>	0.1914	0.1948	0.1659	0.2179
	<b>EMS</b>	0.3701	0.3926	0.3608	0.3562
	<b>FIRE</b>	0.3781	0.4082	0.3965	0.3199
	<b>LE</b>	0.3205	0.33	0.313	0.3202

**Q42\_3) Select the responses that best describe your organization's use of the Wireless Emergency Alerts (WEA) system: (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
My organization originates messages using this system (Q42_3.a)	<b>ALL</b>	<b>0.2439</b>	0.239	0.2351	0.2602
	<b>ECC</b>	0.3182	0.3027	0.3433	0.3065
	<b>EM</b>	0.4175	0.3911	0.4519	0.4104
	<b>EMS</b>	0.1612	0.1617	0.1613	0.1604
	<b>FIRE</b>	0.1711	0.1716	0.1576	0.1877
	<b>LE</b>	0.2575	0.2698	0.2373	0.2678
My organization responds to messages on this system originated by another organization (Q42_3.b)	<b>ALL</b>	<b>0.3725</b>	0.3494	0.4027	0.3626
	<b>ECC</b>	0.3671	0.3351	0.3682	0.3978
	<b>EM</b>	0.4076	0.4089	0.4135	0.3988
	<b>EMS</b>	0.3799	0.3277	0.4315	0.3774
	<b>FIRE</b>	0.3758	0.3432	0.3939	0.3908
	<b>LE</b>	0.3825	0.3704	0.3856	0.3891
My organization neither originates nor responds to messages using this system (Q42_3.c)	<b>ALL</b>	<b>0.4229</b>	0.4498	0.3959	0.4244
	<b>ECC</b>	0.3759	0.4	0.3532	0.3763
	<b>EM</b>	0.2442	0.2578	0.2115	0.2659
	<b>EMS</b>	0.4921	0.5277	0.4516	0.5
	<b>FIRE</b>	0.481	0.505	0.4788	0.4559
	<b>LE</b>	0.4111	0.4286	0.4068	0.4017

**Q42\_4) Select the responses that best describe your organization's use of the National Oceanic and Atmospheric Administration (NOAA) National Weather Service (NWS): (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
My organization originates messages using this system (Q42_4.a)	<b>ALL</b>	<b>0.0997</b>	0.1096	0.1053	0.0813
	<b>ECC</b>	0.1237	0.1405	0.133	0.0968
	<b>EM</b>	0.1562	0.1842	0.181	0.0882
	<b>EMS</b>	0.0599	0.072	0.0677	0.0374
	<b>FIRE</b>	0.0666	0.0623	0.0804	0.0538
	<b>LE</b>	0.1012	0.1183	0.0975	0.0917
My organization responds to messages on this system originated by another organization (Q42_4.b)	<b>ALL</b>	<b>0.4978</b>	0.4635	0.5067	0.5268
	<b>ECC</b>	0.5488	0.5243	0.5419	0.5806
	<b>EM</b>	0.6234	0.5877	0.6429	0.6471
	<b>EMS</b>	0.4793	0.4364	0.4821	0.5234
	<b>FIRE</b>	0.4661	0.4131	0.4613	0.5346
	<b>LE</b>	0.4728	0.4839	0.4661	0.4708
My organization neither originates nor responds to messages using this system (Q42_4.c)	<b>ALL</b>	<b>0.4208</b>	0.4438	0.4093	0.4081
	<b>ECC</b>	0.3519	0.3459	0.3547	0.3548
	<b>EM</b>	0.25	0.2544	0.2286	0.2706
	<b>EMS</b>	0.475	0.5	0.4741	0.4486
	<b>FIRE</b>	0.4795	0.5311	0.4821	0.4154
	<b>LE</b>	0.4456	0.4247	0.4534	0.4542

**Q42\_5) Select the responses that best describe your organization's use of the regional, state, local, tribal, and/or territorial alert, warning, and notification systems (e.g., reverse 911 systems, outdoor sirens, digital signs, short message service/mass email): (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
My organization originates messages using this system (Q42_5.a)	<b>ALL</b>	<b>0.3591</b>	0.3292	0.3466	0.4085
	<b>ECC</b>	0.5379	0.5393	0.5314	0.5436
	<b>EM</b>	0.513	0.5	0.5	0.546
	<b>EMS</b>	0.2861	0.2375	0.2834	0.3425
	<b>FIRE</b>	0.2686	0.2166	0.2597	0.3408
	<b>LE</b>	0.4226	0.4061	0.3942	0.4625
My organization responds to messages on this system originated by another organization (Q42_5.b)	<b>ALL</b>	<b>0.4309</b>	0.4033	0.4458	0.4448
	<b>ECC</b>	0.3524	0.3246	0.3478	0.3846
	<b>EM</b>	0.4169	0.3783	0.4524	0.4253
	<b>EMS</b>	0.4561	0.4333	0.4858	0.4475
	<b>FIRE</b>	0.441	0.4108	0.4507	0.4644
	<b>LE</b>	0.4023	0.3807	0.4025	0.419
My organization neither originates nor responds to messages using this system (Q42_5.c)	<b>ALL</b>	<b>0.2832</b>	0.332	0.2844	0.2256
	<b>ECC</b>	0.2175	0.2356	0.2367	0.1795
	<b>EM</b>	0.1857	0.2217	0.1762	0.1494
	<b>EMS</b>	0.3201	0.3792	0.2996	0.2785
	<b>FIRE</b>	0.3515	0.4172	0.3552	0.2697
	<b>LE</b>	0.259	0.3046	0.2822	0.2016

**Q42\_6) Select the responses that best describe your organization's use of sensor-based alert systems (e.g., gunshot detection, flooding, earthquake, hurricane, volcano): (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
My organization originates messages using this system (Q42_6.a)	<b>ALL</b>	<b>0.0708</b>	0.0327	0.0744	0.1096
	<b>ECC</b>	0.0958	0.0114	0.1094	0.1622
	<b>EM</b>	0.0881	0.0467	0.096	0.1317
	<b>EMS</b>	0.0615	0.0446	0.0429	0.1
	<b>FIRE</b>	0.062	0.0311	0.0541	0.1071
	<b>LE</b>	0.0869	0.0282	0.0583	0.1588
My organization responds to messages on this system originated by another organization (Q42_6.b)	<b>ALL</b>	<b>0.2084</b>	0.186	0.2022	0.2411
	<b>ECC</b>	0.1772	0.1364	0.1719	0.2216
	<b>EM</b>	0.2539	0.229	0.2424	0.2994
	<b>EMS</b>	0.2039	0.183	0.206	0.2238
	<b>FIRE</b>	0.2035	0.2007	0.1943	0.2183
	<b>LE</b>	0.188	0.1751	0.1704	0.2146
My organization neither originates nor responds to messages using this system (Q42_6.c)	<b>ALL</b>	<b>0.7329</b>	0.7842	0.736	0.6712
	<b>ECC</b>	0.7468	0.8523	0.7344	0.6595
	<b>EM</b>	0.6805	0.729	0.6869	0.6108
	<b>EMS</b>	0.7451	0.7723	0.7554	0.7048
	<b>FIRE</b>	0.745	0.7716	0.7611	0.6944
	<b>LE</b>	0.7393	0.7966	0.7758	0.6609

**Q44) My organization experienced the following emergency communications impacts as a result of the COVID-19 pandemic: (SATA)**

<b>Answer Option</b>	<b>Discipline</b>	<b>All</b>	<b>Rural</b>	<b>Urban</b>	<b>Metro</b>
Expanded/implemented remote work and telework options (Q44.a)	ALL	<b>0.2898</b>	0.2028	0.3001	0.3752
	ECC	0.3012	0.1827	0.3348	0.3814
	EM	0.4476	0.3673	0.4735	0.5178
	EMS	0.2718	0.1787	0.2799	0.3614
	FIRE	0.2406	0.1265	0.2431	0.3636
	LE	0.2907	0.146	0.3235	0.3746
Expanded or opened backup facilities (Q44.b)	ALL	<b>0.1187</b>	0.0743	0.1069	0.1819
	ECC	0.1988	0.1298	0.1719	0.293
	EM	0.1707	0.1306	0.177	0.2132
	EMS	0.0987	0.0608	0.0933	0.1446
	FIRE	0.0772	0.0441	0.0746	0.1169
	LE	0.1332	0.0796	0.1029	0.2049
Established communications redundancy with neighboring jurisdictions (Q44.c)	ALL	<b>0.1058</b>	0.0756	0.1142	0.1298
	ECC	0.1724	0.1106	0.1855	0.2186
	EM	0.1377	0.1143	0.146	0.1574
	EMS	0.0936	0.057	0.1119	0.1124
	FIRE	0.0772	0.0412	0.0912	0.1006
	LE	0.1178	0.0841	0.1287	0.1343
Created non-emergency lines or hotlines to help divert COVID-19 related call from 911 services (Q44.d)	ALL	<b>0.1199</b>	0.0856	0.1215	0.1566
	ECC	0.1522	0.0962	0.1584	0.2
	EM	0.2171	0.1592	0.2566	0.2437
	EMS	0.1064	0.0684	0.1157	0.1365
	FIRE	0.0842	0.0559	0.0856	0.1136
	LE	0.1255	0.0973	0.114	0.159
Implemented operational changes based on federal, state, and/or local guidance (Q44.e)	ALL	<b>0.4764</b>	0.3967	0.4824	0.5585
	ECC	0.6165	0.5385	0.6154	0.693
	EM	0.5045	0.4041	0.5442	0.5838
	EMS	0.4731	0.3612	0.4851	0.5783
	FIRE	0.4149	0.3176	0.4171	0.5195
	LE	0.5083	0.3982	0.5294	0.576
Drafted new policies and procedures related to pandemic planning and response (Q44.f)	ALL	<b>0.469</b>	0.3678	0.4824	0.567
	ECC	0.5839	0.5288	0.6154	0.6047
	EM	0.494	0.3755	0.5442	0.5838
	EMS	0.4795	0.3764	0.5075	0.5582
	FIRE	0.4238	0.2971	0.4475	0.5357
	LE	0.4673	0.323	0.4926	0.5583
Updated existing policies and procedures related to pandemic planning and response (Q44.g)	ALL	<b>0.4089</b>	0.3023	0.4192	0.5162
	ECC	0.5202	0.4519	0.5158	0.5907
	EM	0.488	0.3755	0.5133	0.599
	EMS	0.4308	0.3384	0.4328	0.5261
	FIRE	0.3545	0.2588	0.3398	0.4773
	LE	0.4008	0.2611	0.4118	0.5018

Diverted funds to cover pandemic-related expenses (e.g., personal protective equipment, cleaning supplies) (Q44.h)	ALL	<b>0.3831</b>	0.3023	0.3864	0.4697
	ECC	0.4255	0.3558	0.4389	0.4791
	EM	0.4536	0.3878	0.4602	0.5279
	EMS	0.4013	0.3308	0.4142	0.4618
	FIRE	0.3554	0.2676	0.3536	0.4545
	LE	0.3816	0.2611	0.4081	0.4523
Adjusted budgets due to decreased funding from state and local revenues (Q44.i)	ALL	<b>0.2227</b>	0.1763	0.2236	0.2736
	ECC	0.2143	0.1683	0.2081	0.2651
	EM	0.268	0.1878	0.2699	0.3655
	EMS	0.2423	0.1901	0.25	0.2892
	FIRE	0.2119	0.1735	0.2182	0.2468
	LE	0.219	0.1593	0.2206	0.265
Delayed systems/network construction, maintenance, and/or upgrade projects (Q44.j)	ALL	<b>0.2399</b>	0.1977	0.2491	0.2764
	ECC	0.3835	0.3221	0.4072	0.4186
	EM	0.3129	0.2816	0.3274	0.335
	EMS	0.2333	0.2053	0.2351	0.261
	FIRE	0.1911	0.15	0.1934	0.2338
	LE	0.2407	0.1549	0.2574	0.2933
Established/maintained communications capabilities for alternate care sites (Q44.k)	ALL	<b>0.0765</b>	0.063	0.0547	0.1171
	ECC	0.1087	0.0962	0.0588	0.1721
	EM	0.1437	0.1184	0.115	0.2081
	EMS	0.0692	0.057	0.0448	0.1084
	FIRE	0.0564	0.0471	0.0387	0.0877
	LE	0.0704	0.0531	0.0404	0.1131
Increased cybersecurity posture and promoted cyber hygiene practices (Q44.l)	ALL	<b>0.0916</b>	0.0554	0.1033	0.1185
	ECC	0.1398	0.0962	0.1538	0.1674
	EM	0.1332	0.098	0.1372	0.1726
	EMS	0.0718	0.0418	0.0746	0.1004
	FIRE	0.0624	0.0353	0.0746	0.0779
	LE	0.1204	0.0752	0.125	0.1519
Ceased operations temporarily (Q44.m)	ALL	<b>0.0142</b>	0.0076	0.0158	0.0197
	ECC	0.0155	0.0048	0.0181	0.0233
	EM	0.0225	0.0122	0.031	0.0254
	EMS	0.0128	0.0076	0.0112	0.0201
	FIRE	0.0129	0.0088	0.011	0.0195
	LE	0.0243	0.0133	0.0257	0.0318
Experienced staffing below estimated minimum levels (Q44.n)	ALL	<b>0.3899</b>	0.3375	0.3937	0.4443
	ECC	0.5419	0.5096	0.5475	0.5674
	EM	0.3817	0.3265	0.3982	0.4315
	EMS	0.409	0.3878	0.4328	0.4056
	FIRE	0.3455	0.2941	0.3591	0.3864
	LE	0.4366	0.3938	0.4191	0.4876
None of the above (Q44.o)	ALL	<b>0.2111</b>	0.2821	0.2029	0.141
	ECC	0.0947	0.1106	0.0995	0.0744
	EM	0.1587	0.2327	0.1239	0.1066
	EMS	0.1872	0.2624	0.1828	0.1124
	FIRE	0.2644	0.3529	0.268	0.1623
	LE	0.1933	0.2876	0.1728	0.1378

Q45\_1.1) Between 2018 and present, what was your organization's level of improvement in strengthening emergency communications capabilities to achieve operability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Regressed	ALL	0.0515	0.057	0.0599	0.0356
	ECC	0.0467	0.0619	0.0455	0.033
	EM	0.0346	0.0449	0.0267	0.0308
	EMS	0.0643	0.0684	0.0632	0.061
	FIRE	0.0606	0.0618	0.0691	0.0492
	LE	0.0453	0.0631	0.0595	0.0178
None	ALL	0.2947	0.3342	0.2995	0.2447
	ECC	0.1838	0.1667	0.2	0.184
	EM	0.2286	0.298	0.2089	0.1641
	EMS	0.3201	0.346	0.3717	0.2358
	FIRE	0.3247	0.3588	0.3425	0.2656
	LE	0.2591	0.2928	0.2639	0.2278
Some	ALL	0.4838	0.4443	0.4792	0.5334
	ECC	0.5234	0.5	0.5045	0.566
	EM	0.5504	0.4776	0.5778	0.6103
	EMS	0.4679	0.4335	0.4387	0.5366
	FIRE	0.4757	0.4412	0.4613	0.5311
	LE	0.4896	0.4459	0.5019	0.5125
Significant	ALL	0.1701	0.1646	0.1614	0.1863
	ECC	0.2461	0.2714	0.25	0.217
	EM	0.1865	0.1796	0.1867	0.1949
	EMS	0.1478	0.1521	0.1264	0.1667
	FIRE	0.139	0.1382	0.1271	0.1541
	LE	0.206	0.1982	0.1747	0.242



Q45\_1.2) Between 2018 and present, what was your organization's level of improvement in strengthening emergency communications capabilities to achieve operability in out-of-the-ordinary situations ? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Regressed	ALL	0.054	0.061	0.0624	0.0364
	ECC	0.0454	0.0574	0.05	0.0286
	EM	0.0412	0.0542	0.0402	0.0262
	EMS	0.0667	0.0895	0.0639	0.0455
	FIRE	0.0658	0.0753	0.0728	0.0468
	LE	0.0521	0.0648	0.0736	0.0218
None	ALL	0.3639	0.4008	0.3795	0.3042
	ECC	0.2488	0.2536	0.2455	0.2476
	EM	0.3084	0.3458	0.308	0.2618
	EMS	0.3961	0.4202	0.4361	0.3264
	FIRE	0.4109	0.4458	0.4426	0.3344
	LE	0.3071	0.3565	0.3178	0.2582
Some	ALL	0.4427	0.4176	0.417	0.5007
	ECC	0.5102	0.5263	0.4773	0.5286
	EM	0.4931	0.4792	0.4777	0.5288
	EMS	0.4222	0.3891	0.406	0.4752
	FIRE	0.414	0.3946	0.381	0.4749
	LE	0.4713	0.4167	0.4612	0.5236
Significant	ALL	0.1394	0.1206	0.1411	0.1587
	ECC	0.1956	0.1627	0.2273	0.1952
	EM	0.1573	0.1208	0.1741	0.1832
	EMS	0.115	0.1012	0.094	0.1529
	FIRE	0.1093	0.0843	0.1036	0.1438
	LE	0.1696	0.162	0.1473	0.1964

Q45\_2.1) Between 2018 and present, what was your organization's level of improvement in strengthening emergency communications capabilities to achieve interoperability in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Regressed	ALL	0.0547	0.0622	0.0624	0.0371
	ECC	0.0437	0.0526	0.05	0.0283
	EM	0.0392	0.0571	0.0311	0.0258
	EMS	0.0748	0.0875	0.0706	0.0658
	FIRE	0.0639	0.0767	0.0637	0.0497
	LE	0.0506	0.0679	0.0632	0.025
None	ALL	0.3193	0.368	0.3182	0.2657
	ECC	0.2075	0.2153	0.2	0.2075
	EM	0.259	0.3224	0.2356	0.2062
	EMS	0.3419	0.3574	0.4126	0.2469
	FIRE	0.3563	0.3864	0.3878	0.2848
	LE	0.2727	0.3213	0.2639	0.2429
Some	ALL	0.4668	0.4201	0.4614	0.5257
	ECC	0.507	0.488	0.4773	0.5566
	EM	0.5181	0.449	0.5467	0.5722
	EMS	0.449	0.4221	0.4052	0.5267
	FIRE	0.4451	0.4071	0.4211	0.5166
	LE	0.4844	0.4389	0.4833	0.5214
Significant	ALL	0.1592	0.1497	0.1579	0.1714
	ECC	0.2418	0.244	0.2727	0.2075
	EM	0.1837	0.1714	0.1867	0.1959
	EMS	0.1342	0.1331	0.1115	0.1605
	FIRE	0.1347	0.1298	0.1274	0.149
	LE	0.1922	0.1719	0.1896	0.2107

Q45\_2.2) Between 2018 and present, what was your organization's level of improvement in strengthening emergency communications capabilities to achieve interoperability in out-of-the-ordinary situations ? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Regressed	ALL	0.0532	0.0545	0.0651	0.038
	ECC	0.0407	0.0335	0.0545	0.0333
	EM	0.0428	0.0542	0.0404	0.0314
	EMS	0.0721	0.0817	0.0789	0.0542
	FIRE	0.0661	0.0725	0.0758	0.0471
	LE	0.0495	0.0556	0.07	0.0255
None	ALL	0.3864	0.4325	0.3955	0.3241
	ECC	0.2801	0.3014	0.2727	0.2667
	EM	0.3349	0.3708	0.3408	0.2827
	EMS	0.4194	0.4436	0.4662	0.3417
	FIRE	0.436	0.4743	0.4635	0.3603
	LE	0.3275	0.375	0.3385	0.28
Some	ALL	0.4308	0.3948	0.4055	0.5007
	ECC	0.4883	0.488	0.45	0.5286
	EM	0.4664	0.45	0.4529	0.5026
	EMS	0.4063	0.3852	0.3722	0.4667
	FIRE	0.3943	0.3656	0.3624	0.4646
	LE	0.4679	0.4167	0.4397	0.5345
Significant	ALL	0.1295	0.1182	0.1339	0.1372
	ECC	0.1909	0.177	0.2227	0.1714
	EM	0.156	0.125	0.1659	0.1832
	EMS	0.1022	0.0895	0.0827	0.1375
	FIRE	0.1037	0.0876	0.0983	0.1279
	LE	0.1551	0.1528	0.1518	0.16

Q45\_3.1) Between 2018 and present, what was your organization's level of improvement in strengthening emergency communications capabilities to achieve continuity in day-to-day situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Regressed	ALL	0.0525	0.0622	0.06	0.0328
	ECC	0.0421	0.0478	0.0545	0.0236
	EM	0.0391	0.0531	0.0356	0.0256
	EMS	0.067	0.0837	0.0669	0.0492
	FIRE	0.0608	0.0737	0.0665	0.0396
	LE	0.0467	0.0633	0.0595	0.0214
None	ALL	0.3404	0.3845	0.3415	0.2896
	ECC	0.2168	0.2105	0.2136	0.2264
	EM	0.2797	0.3592	0.2533	0.2103
	EMS	0.366	0.3916	0.4126	0.2869
	FIRE	0.3829	0.4159	0.4072	0.3168
	LE	0.2944	0.3258	0.29	0.274
Some	ALL	0.4618	0.415	0.4517	0.5264
	ECC	0.5273	0.5311	0.5	0.5519
	EM	0.5323	0.4571	0.5378	0.6205
	EMS	0.451	0.4106	0.4126	0.5369
	FIRE	0.4347	0.3894	0.4044	0.5215
	LE	0.4838	0.4434	0.4833	0.516
Significant	ALL	0.1453	0.1383	0.1469	0.1512
	ECC	0.2137	0.2105	0.2318	0.1981
	EM	0.1489	0.1306	0.1733	0.1436
	EMS	0.116	0.1141	0.1078	0.127
	FIRE	0.1216	0.1209	0.1219	0.1221
	LE	0.1751	0.1674	0.1673	0.1886

Q45\_3.2) Between 2018 and present, what was your organization's level of improvement in strengthening emergency communications capabilities to achieve continuity in out-of-the-ordinary situations? (SOR)

Answer Option	Discipline	All	Rural	Urban	Metro
Regressed	ALL	0.0564	0.0624	0.0677	0.0365
	ECC	0.0469	0.0478	0.0591	0.0333
	EM	0.0474	0.0542	0.0493	0.0366
	EMS	0.0747	0.0934	0.0865	0.0417
	FIRE	0.0703	0.0818	0.0845	0.0404
	LE	0.0481	0.0556	0.0698	0.0218
None	ALL	0.4023	0.446	0.4098	0.3445
	ECC	0.2895	0.3158	0.2773	0.2762
	EM	0.3578	0.4125	0.3543	0.2932
	EMS	0.4364	0.4514	0.4662	0.3875
	FIRE	0.4562	0.4879	0.4732	0.4007
	LE	0.3511	0.3981	0.3527	0.3127
Some	ALL	0.4254	0.3849	0.401	0.4993
	ECC	0.4977	0.4976	0.4682	0.5286
	EM	0.4679	0.4333	0.4484	0.534
	EMS	0.3984	0.3735	0.3684	0.4583
	FIRE	0.388	0.3576	0.3521	0.4646
	LE	0.466	0.4028	0.4535	0.5273
Significant	ALL	0.1159	0.1066	0.1216	0.1197
	ECC	0.1659	0.1388	0.1955	0.1619
	EM	0.1269	0.1	0.148	0.1361
	EMS	0.0904	0.0817	0.0789	0.1125
	FIRE	0.0855	0.0727	0.0901	0.0943
	LE	0.1348	0.1435	0.124	0.1382