## **Analysis Report**

This report is structured as follows.

## **Contents**

Age Groups		
Gender		
Agency Size		
		00'
		. (0)
		11/3
SAMPLE	Raiael Raiael	

#### **Chi-Square Analysis**

This report presents the results of chi-square analyses, which are aimed to explore relationships between categorical variables. Each subsection is dedicated to a particular category: age, gender, agency size, geographic area, years as officer and rank. The variables that were measured at a continuous level (eg. Age) were categorized based on data percentiles, to allow each group to have at least 20% of representation.

## Age Groups

For the age groups, a key observation is the lack of significant findings in several areas from question 8 onwards. This indicates a uniformity across different age groups in practices such as the implementation of Incident Command, utilization of staging areas, and interoperable communication training. Specifically, no significant differences were noted in the adoption of Incident Command (Question 8,  $\chi^2(2) = 1.620$ , p = .445), the use of predesignated staging areas (Question 9,  $\chi^2(2) = 0.044$ , p = .978), and training with interoperable radios (Question 20,  $\chi^2(2) = 0.030$ , p = .985).

			ge Groups			
		< 35	35-50	> 50	χ2	p
		%	%	%		
	Female	25.0%a	10.1%b	3.7%b		
Gender	Male	73.6%a	89.9%b	96.3%b	18.094	*000
	Prefer not to say	1.4%a	0.0%1	0.0%1		
	< 50	34.9%a	33.3%a	32.5%a		
5) XX71	50 - 500	30.2%a,b	33.3%a	50.0%b	1 < 100	010*
5) What is the approximate size of your agency?	501 - 1500	4.8%a	12.6%a	3.8%a	16.102	.013*
	> 1500	30.2%a		13.8%a		
C ***	Rural	31.9%a		22.2%a		
6) What type of geographic area is under your	Suburban	22.2%a	26.6%a		4.850	0.303
agency's jurisdiction?	Urban	45.8%a		42.0%a		
2.0	< 10	98.6%a	18.8%b	7.4%b		
Years as a Full Time Officer	10-20	1.4%a	60.2%b	17.3%c	260.776	*000
	> 20	0.0%1	21.0%a	75.3%b		
	Executive					
0-	Level	1.4%a	8.0%a,b	16.0%b		
7) What rank do you hold within your agency?	Non- Supervisory	81.9%a	50.6%b	46.9%b	29.553	.000*
	Supervisory	16.7%a	41.5%b	37.0%b		
8) Incident Command has been implemented in major	No	22.2%a	21.9%a	20.0%a		
incidents that I or my agency has responded to. (NOTE:	Yes					
If your agency HAS NOT utilized the Incident		77.00/ -	70.10/	90.00/ -	0.147	0.929
Command System, select "No" and proceed to		77.8%a	/8.1%a	80.0%a		
Question 16)						
9) My agency has utilized predesignated locations	No	24.3%a	22.1%a	19.6%a		
within my jurisdiction for staging areas during a major incident.	Yes	75.7%a	77.9%a	80.4%a	0.276	0.871
10) My agency has conducted trainings or held	No	29.7%a	18.3%a	11.1%a		
meetings with neighboring agencies to identify each	Yes	70.20	01.70/	00.00/	4.654	0.098
other's capabilities/deficiencies.		70.3%a	81.7%a	88.9%a		
11) Self-deployment by members of my agency and/or	No	25.0%a	30.8%a	26.7%a		
nonmembers of my agency was observed during a	Yes	75.0%a	60 20/ a	73.3%a	0.550	0.760
major incident.		73.0%a				
12) My agency has qualified members at the ready to	No	29.7%a	29.8%a	31.1%a		
be deployed to a Rescue Task Force (RTF) twenty-four hours a day seven days a week.	Yes	70.3%a	70.2%a	68.9%a	0.028	0.986
13) I have been certified in ICS 300 by or through my	No	51.4%a	40.8%a	35.6%a	0.150	0.041
agency.	Yes	48.6%a	59.2%a		2.153	0.341

		A	ge Groups	3		
		< 35	35-50	> 50	χ2	p
		%	%	%		
17) Intereperable Canabilities	No	14.3%a	11.1%a	11.3%a	0.250	0.826
17) Interoperable Capabilities	Yes	85.7%a	88.9%a	88.7%a	0.359	0.836
18) LEOs within my agency utilize portable radios with	No	0.0%1	2.9%a	2.4%a	0.968	0.616
interoperable capabilities.	Yes	100.0%1	97.1%a	97.6%a	0.908	0.010
19) I can easily switch my issued portable radio to an	No	9.1%a	17.5%a	7.3%a	2 272	0.105
interoperable channel.	Yes	90.9%a	82.5%a	92.7%a	3.273	0.195
20) My agency conducts training with interoperable	No	51.5%a	53.4%a	41.5%a		
radios where we practice how to operate our issued portable radio.	Yes	48.5%a	46.6%a	58.5%a	1.696	0.428
21) My agency conducts interoperable communication	No	53.1%a	58.3%a	41.5%a	2 222	0.190
training and exercises with other agencies.	Yes	46.9%a	41.7%a	58.5%a	3.323	0.190
23) My agency does not frequently provide its member	No	66.7%a	72.2%a	76.6%a	1.046	0.593
with intelligence reports.	Yes	33.3%a	27.8%a	23.4%a	1.040	0.393
24) My aganay has its own standing Intelligence Unit	No	59.0%a	52.2%a	59.6%a	1.014	0.602
24) My agency has its own standing Intelligence Unit.	Yes	41.0%a	47.8%a	40.4% a	1.014	0.602
25) The intelligence unit within my agency works	No	89.7%a	73.5%a	90.7%a	8.552	.014*
solely from a remote location.	Yes	10.3%a	26.5%a	9.3%a	8.332	.014**
26) The intelligence unit within my agency has been	No	66.7%a	68.8%a	58.5%a	1.404	0.496
deployed to major incidents.	Yes	33.3%a	31.3%a	41.5%a	1.404	0.490
27) My agency relies on state/federal resources for	No	12.8%a	31.3%a	29.5%a	5.164	0.076
intelligence gathering.	Yes	87.2%a	68.7%a	70.5%a	5.104	0.076

#### **Gender**

In the gender-focused analysis, the implementation of Incident Command (Question 8) showed no significant difference based on gender,  $\chi^2(1) = 0.446$ , p = .504. The same trend is observed in the utilization of predesignated locations for staging areas (Question 9),  $\chi^2(1) = 1.996$ , p = .158, and conducting interoperable communication training (Question 21),  $\chi^2(1) = 0.097$ , p = .756. These findings suggest that gender does not significantly influence these specific operational practices.

			nder Mala		
		Female	Male	χ2	p
		%	%		
	< 35		18.2%b		
Age Groups	35-50		55.0%a	18.094	.00
	> 50	7.7%a	26.8%b		
	< 50	23.5%a	35.0%a		
5) What is the approximate size of your agency?	50 - 500	29.4%a	37.8%a	6.193	0.1
what is the approximate size of your agency:	501 - 1500	11.8%a	8.5%a	0.193	0.1
	> 1500	35.3%a	18.7%b		
O TIME A COMM	Rural	20.5%a	30.9%a		
6) What type of geographic area is under your agency's	Suburban	33.3%a	27.1%a	1.873	0.3
urisdiction?	Urban		41.9%a		
	< 10		30.3%b		
Years as a Full Time Officer	10-20		37.2%a	12.794	00
rears as a run Time Officer	> 20		32.4%b	12.794	.00
		10.5%a	32.4%0	<del></del>	
	Executive Level	2.6%a	9.3%a	)	
) What rank do you hold within your agency?	Non-	74.40/-0	54.1%b	6.110	.04
	Supervisory	74.4%a	34.1%0		
	Supervisory	23.1%a	36.6%a		
3) Incident Command has been implemented in major incidents that	No	25.6%a	21.0%a		
or my agency has responded to. (NOTE: If your agency HAS NOT	Yes	O(1)		0.446	0.5
ntilized the Incident Command System, select "No" and proceed to Question 16)	2	74.4%a	79.0%a	0.446	0.5
) My agency has utilized predesignated locations within my	No	10.0% a	24.0%a		
urisdiction for staging areas during a major incident.	Yes		76.0%a	1.996	0.1
0) My agency has conducted trainings or held meetings with	No				
		20.5%a	18.6% a	0.657	0.4
neighboring agencies to identify each other's	Yes	73.7%a	81.4%a	0.657	0.4
capabilities/deficiencies.	NT.	22.20/ -	27.50/ -		
1) Self-deployment by members of my agency and/or nonmembers	No		27.5%a	0.269	0.6
of my agency was observed during a major incident.	Yes		72.5%a		
2) My agency has qualified members at the ready to be deployed to	No	30.0%a	30.7%a		
Rescue Task Force (RTF) twenty-four hours a day seven days a	Yes	70.0%a	69.3%a	0.004	0.9
veek.					
3) I have been certified in ICS 300 by or through my agency.	No		40.6%a	1.516	0.2
1.5) I have been certified in 163 500 by of through my agency.	Yes	45.0%a	59.4%a	1.510	0.2
7) I. (	No	16.0%a	11.3%a	0.465	0.4
7) Interoperable Capabilities	Yes	84.0%a	88.7%a	0.465	0.4
8) LEOs within my agency utilize portable radios with	No	6.7%a	1.9%a		
nteroperable capabilities.	Yes		98.1%a	1.441	0.2
9) I can easily switch my issued portable radio to an interoperable	No	6.7%a	14.2%a		
channel.	Yes		85.8%a	0.664	0.4
20) My agency conducts training with interoperable radios where	No		49.4%a		
ve practice how to operate our issued portable radio.				0.619	0.4
	Yes		50.6%a		
21) My agency conducts interoperable communication training and	No		54.3%a	0.097	0.7
exercises with other agencies.	Yes		45.7%a		
(3) My agency does not frequently provide its member with	No		69.9%a	2.895	0.0
ntelligence reports.	Yes		30.1%a		0.0
(4) My agency has its own standing Intelligence Unit.	No		57.9%b	4.016	.04
	Yes	66.7%a	42.1%b	7.010	.04
5) The intelligence unit within my agency works solely from a	No	88.9%a	80.2%a	0.709	0.2
emote location.	Yes	11.1%a	19.8%a	0.798	0.3
6) The intelligence unit within my agency has been deployed to	No		67.4%a	0.71	
najor incidents.	Yes		32.6%a	0.516	0.4
7) My agency relies on state/federal resources for intelligence	No		28.9%a		
		11.1/Ua	20.7/0a	2.607	0.1

# Agency Size

For agencies of different sizes, significant associations were found in the implementation of Incident Command (Question 8,  $\chi^2(3) = 39.652$ , p < .001) and the use of predesignated staging areas (Question 9,  $\chi^2(3) = 10.044$ , p = .018). However, no significant differences were observed in conducting interoperable communication training (Question 21,  $\chi^2(3) = 9.233$ , p = .026).

		5) What is the approximate size of your agency?				. ,, 2	(,0
		< 50	50 - 500	501 - 1500	> 1500	χ2	p
		%	%	%	%		<u>)                                     </u>
	Female	7.5%a	8.5%a	14.3%a	18.2%a		
Gender	Male	92.5%a	91.5%a	85.7%a	80.3%a	6.193	0.103
Gender	Prefer not to say	0.0%1	0.0%1	0.0%1	1.5%a	0.193	0.103
	< 35	20.8%a	16.2%a	10.7%a	28.8%a		
Age Groups	35-50	54.7%a,b	49.6%a	78.6%b	54.5%a,b	16.102	.013*
	> 50	24.5%a	34.2% a	10.7%a	16.7%a		
	Rural	47.7%a	23.9%b	17.9%b	12.1%b		
6) What type of geographic area is under	Suburban	27.1%a	36.8%a	17.9%a	18.2%a	50.229	*000
your agency's jurisdiction?	Urban	25.2%a	39.3%a,b	64.3%b,c	69.7%c		
	< 10	35.5%a	25.0%a	32.1%a	36.4%a		
Years as a Full Time Officer	10-20	34.6%a	35.3%a	57.1%a	37.9%a	13.031	043*
Tears as a Fun Time Officer	> 20	29.9%a,b	39.7%a	10.7%b	25.8%a,b	13.031	.043
	Executive	29.9700,0	39.770a	10.7700	23.0704,0		
7) What rank do you hold within your	Level	14.0% a	8.5% a	3.6% a	3.0%a	12 277	0.054
agency?	Non- Supervisory	57.9%a	53.8%a	42.9% a	60.6%a	12.377	0.054
	Supervisory	28.0%a	37.6%a	53.6%a	36.4%a		
8) Incident Command has been	No	40.6% a	9.4%b	14.3% a,b	10.6%b		
implemented in major incidents that I or my agency has responded to. (NOTE: If your agency HAS NOT utilized the Incident Command System, select "No" and proceed to Question 16)	Yes	59.4%a	90.6%b	85.7%a,b	89.4%b	39.652	*000
9) My agency has utilized predesignated	No	20.9%a,b	32.1%a	23.5%a,b	7.0%b		
locations within my jurisdiction for staging areas during a major incident.	Yes	79.1%a,b	67.9%a	76.5%a,b	93.0%b	10.044	.018*
10) My agency has conducted trainings	No	23.8%a,b	24.4%a	17.6%a,b	4.7%b		
or held meetings with neighboring agencies to identify each other's	Yes	76.2%a,b	75.6%a	82.4%a,b	95.3%b	7.894	.048*
capabilities/deficiencies.	N	22.20/	20.50/	17.60/	26.204		
11) Self-deployment by members of my	No	33.3%a	29.5% a	17.6% a	26.2%a		
agency and/or nonmembers of my agency was observed during a major incident.	Yes	66.7%a	70.5%a	82.4%a	73.8%a	1.612	0.657
12) My agency has qualified members at	No	41.9%a	32.5%a	35.3%a	18.6%a		
the ready to be deployed to a Rescue Task Force (RTF) twenty-four hours a day seven days a week.	Yes	58.1%a	67.5%a	64.7% a	81.4%a	5.582	0.134
13) I have been certified in ICS 300 by	No	37.2%a,b	42.1%a,b	70.6%a	32.6%b		
or through my agency.	Yes	62.8%a,b	57.9%a,b	29.4%a	67.4%b	7.685	0.053
or anough my agency.	No	15.1%a	12.2%a	15.0%a	6.8%a		
17) Interoperable Capabilities	Yes	13.1%a 84.9%a	12.2%a 87.8%a	15.0%a 85.0%a	93.2%a	1.876	0.598
19) I EOs within my scance utiliza	No						
18) LEOs within my agency utilize portable radios with interoperable capabilities.	Yes	0.0% 1 100.0% 1	1.6%a 98.4%a	11.8%b 88.2%b	0.0% 1 100.0% 1	11.603	.009*

19) I can easily switch my issued	No	9.1%a	15.9%a	17.6%a	10.8%a		
portable radio to an interoperable	Yes	90.9%a	84.1%a	82.4%a			0.637
channel.							
20) My agency conducts training with	No	54.5% a	57.1%a	35.3%a	40.5%a		
interoperable radios where we practice how to operate our issued portable radio.	Yes	45.5%a	42.9% a	64.7% a	59.5%a	4.513	0.211
21) My agency conducts interoperable	No	63.6%a	60.3%a,b	52.9%a,b	33.3%b		
communication training and exercises	Yes					9.233	.026*
with other agencies.		36.4%a	39.7%a,b	47.1%a,b	66.7%b		
23) My agency does not frequently	No	65.2%a	72.9%a	70.0% a	80.0%a		
provide its member with intelligence	Yes	34.8%a	27.1%a	30.0%a	20.0%a	2.804	0.423
reports. 24) My agency has its own standing	No	90.9%a	61.4%b	25.0%c	5.0%c		. 0
Intelligence Unit.	Yes				95.0%c	83.553	*000
25) The intelligence unit within my	No	9.1%a	38.6%b	75.0%c 55.0%b		(	
agency works solely from a remote		95.3%a	80.3%a,b	33.0%0	72.5%b,c	19.243	.000*
location.	Yes	4.7% a	19.7%a,b	45.0%b	27.5%b,c	19.243	.000
26) The intelligence unit within my	No	88.9%a	69.7%b	63.2%a,b,c	28.2%c	<del>)</del>	
agency has been deployed to major	Yes	11.1%a	30.3%b	36.8%a,b,c	71.8%c	40.446	*000
incidents.  27) My agency relies on state/federal	No	26.2%a	30.4%a	30.0%a	23.1%a		
resources for intelligence gathering.	Yes	73.8%a	69.6%a	70.0%a	76.9%a	0.803	0.849
equal variances. <sup>3</sup>	oortions. Cells		~?\				
			3				
	×	9					
	6.0						
	, ,						
R							
,00							
0-11							
OIL OIL							
WILL BE.							
AMPLERE							
SAMPLERE							
SAMPLE							
SAMPLE							
SAMPLE							

## Geographic Area

Regarding geographic areas, uniform application of Incident Command is noted across rural, suburban, and urban areas (Question 8,  $\chi^2(2) = 0.772$ , p = .680). There were also no significant differences in the use of predesignated locations for staging areas (Question 9,  $\chi^2(2) = 3.834$ , p = .147) and conducting interoperable communication training (Question 21,  $\chi^2(2) = 1.819$ , p = .403). However, a significant finding was observed in the presence of a standing Intelligence Unit (Question 24,  $\chi^2(2) = 11.527$ , p = .003), suggesting variations across different geographic areas.

			ype of geograp or agency's jus			·.O			
	_	Rural	Suburban			p			
	_	%	%	%	- χ <sup>2</sup>	)			
	Female	8.2%a	14.1%a	12.8%a					
	Male	91.8%a	85.9%a	86.5%a					
Gender	Prefer not to				1.873	0.392			
	say	0.0%1	0.0%1	0.7% a					
	< 35	23.7%a	17.4%a	23.4%a					
Age Groups	35-50	57.7%a	51.1%a	52.5% a	4.850	0.303			
	> 50	18.6%a	31.5%a	24.1%a					
	< 50	55.4%a	32.6%b	19.7%b					
5) What is the approximate size of your agency?	50 - 500	30.4%a	48.3%b	33.6%a,b	50.229	*000.			
3) What is the approximate size of your agency.	501 - 1500	5.4%a	5.6%a	13.1%a	30.22)	.000			
	> 1500	8.7%a	13.5%a	33.6%b					
	< 10	37.1%a	27.5%a	34.8% a					
Years as a Full Time Officer	10-20	40.2%a	39.6%a	32.6% a	4.931	0.294			
	> 20	22.7%a	33.0%a	32.6% a					
	Executive Level	10.3%a	5.4%a	9.2%a					
7) What rank do you hold within your agency?	Non- Supervisory	55.7%a	54.3%a	58.2%a	2.597	0.627			
	Supervisory	34.0%a	40.2%a	32.6% a					
8) Incident Command has been implemented in	No	21.6%a	23.9%a	19.1%a					
major incidents that I or my agency has responded to. (NOTE: If your agency HAS NOT utilized the Incident Command System, select "No" and proceed to Question 16)	Yes	78.4%a	76.1%a	80.9% a	0.772	0.680			
9) My agency has utilized predesignated	No	28.1%a	27.1%a	15.7%a					
locations within my jurisdiction for staging areas during a major incident.	Yes	71.9%a	72.9%a	84.3%a	3.834	0.147			
10) My agency has conducted trainings or held	No	26.3%a	20.8%a	13.4%a					
meetings with neighboring agencies to identify each other's capabilities/deficiencies.	Yes	73.7%a	79.2%a	86.6%a	3.704	0.157			
11) Self-deployment by members of my agency	No	21.1%a	29.2%a	33.3%a					
and/or nonmembers of my agency was observed during a major incident.	Yes	78.9%a	70.8%a	66.7%a	2.491	0.288			
12) My agency has qualified members at the	No	29.8%a	29.8%a	31.3%a					
ready to be deployed to a Rescue Task Force (RTF) twenty-four hours a day seven days a week.	Yes	70.2%a	70.2%a	68.7%a	0.050	0.975			
13) I have been certified in ICS 300 by or	No	44.6%a	38.3%a	42.2%a					
through my agency.	Yes	55.4%a	61.7%a	57.8%a	0.426	0.808			
	No	8.3%a	13.1%a	13.5%a	4	0 = :			
17) Interoperable Capabilities	Yes	91.7%a	86.9%a	86.5%a	1.213	0.545			
18) LEOs within my agency utilize portable	No	0.0%1	4.5%a	2.6%a	2.411	0.00			
radios with interoperable capabilities.	Yes	100.0%1	95.5%a	97.4%a	2.411	0.299			
19) I can easily switch my issued portable radio	No	14.0%a	13.6%a	13.0%a	0.022	0.00			
1) I can cash, switch in, issued portable radio									
to an interoperable channel.	Yes	86.0%a	86.4%a	87.0% a	0.032	0.984			

20) My agency conducts training with	Yes					
interoperable radios where we practice how to		49.1%a	47.7%a	50.6%a		
operate our issued portable radio.						
21) My agency conducts interoperable	No	54.4%a	61.4%a	48.7%a		
communication training and exercises with other agencies.	Yes	45.6%a	38.6%a	51.3%a	1.819	0.403
23) My agency does not frequently provide its	No	65.1%a	73.1%a	75.9%a	2 155	0.240
member with intelligence reports.	Yes	34.9%a	26.9%a	24.1%a	2.155	0.340
24) My agency has its own standing Intelligence	No	69.8%a	59.6%a,b	42.5%b	11.527	.003*
Unit.	Yes	30.2%a	40.4%a,b	57.5%b	11.327	.005
25) The intelligence unit within my agency	No	82.3%a,b	93.9%a	71.8%b	9.882	.007*
works solely from a remote location.	Yes	17.7% a,b	6.1%a	28.2%b	9.002	.007**
26) The intelligence unit within my agency has	No	77.4%a	67.3%a,b	57.3%b	6.418	040*
been deployed to major incidents.	Yes	22.6%a	32.7%a,b	42.7%b	0.418	.040**
27) My agency relies on state/federal resources	No	17.7%a	39.2%b	26.7%a,b	6.520	028*
for intelligence gathering.	Yes	82.3%a	60.8%b	73.3%a,b	6.538	.038*

## Years as Officer

For different lengths of service as an officer, the implementation of Incident Command (Question 8) was consistently applied across various tenure groups,  $\chi^2(2) = 1.620$ , p = .445. Similarly, no significant differences were found in the utilization of staging areas (Question 9,  $\chi^2(2) = 0.044$ , p = .978) and in conducting interoperable communication training (Question 21,  $\chi^2(2) = 0.358$ , p = .836). However, a notable difference was observed in interoperable capabilities (Question 17,  $\chi^2(2) = 7.016$ , p = .030).

		Years as	s a Full Tim	e Officer	_	
	(0,	< 10	10-20	> 20	χ2	p
- 2		%	%	%		
	Female	19.8%a	10.7%a,b	4.1%b		
Gender	Male	79.3%a	89.3%a,b	95.9%b	12.794	.002*
Gender	Prefer not to	0.9%a	0.0%1	0.0%1	12.794	.002**
	say	0.970a	0.0701	0.0701		
	< 35	64.5%a	0.8%b	0.0%1		
Age Groups	35-50	30.0%a	87.6%b	37.8%a	260.776	*000
	> 50	5.5%a	11.6%a	62.2%b		
	< 50	38.0%a	31.1%a	32.7%a		
5) What is the approximate size of your according	50 - 500	29.0%a	34.5% a,b	46.9%b	12 021	.043*
5) What is the approximate size of your agency?	501 - 1500	9.0%a,b	13.4%a	3.1%b	13.031	
	> 1500	24.0%a	21.0%a	17.3%a		
() What take of an analis are is and a second	Rural	32.7%a	32.2%a	22.4%a		
6) What type of geographic area is under your	Suburban	22.7%a	29.8%a	30.6%a	4.931	0.294
agency's jurisdiction?	Urban	44.5%a	38.0%a	46.9%a		
	Executive	1 00/ 0	<b>5</b> 90/ o	10 40/ <b>b</b>		
	Level	1.8%a	5.8%a	19.4%b		
7) What rank do you hold within your agency?	Non-	77.3%a	49.6%b	40.8%b	44.230	*000
	Supervisory	11.370a	49.0700	40.0700		
	Supervisory	20.9%a	44.6%b	39.8%b		
8) Incident Command has been implemented in major	No	25.2%a	18.3%a	21.4%a		
incidents that I or my agency has responded to.	Yes					
(NOTE: If your agency HAS NOT utilized the		74.8%a	81.7%a	78.6%a	1.620	0.445
Incident Command System, select "No" and proceed		74.070a	01.7/0a	70.070a		
to Question 16)						
9) My agency has utilized predesignated locations	No	22.4%a	23.0%a	21.4%a		
within my jurisdiction for staging areas during a major incident.	Yes	77.6%a	77.0%a	78.6%a	0.044	0.978

meetings with neighboring agencies to identify each othera€™s capabilities/deficiencies.         Yes         77.6%a         78.4%a         87.3%a         2.147         0.342           11) Self-deployment by members of my agency and/or nonmembers of my agency was observed during a major incident.         Yes         70.2%a         70.3%a         74.5%a         0.354         0.838           12) My agency has qualified members at the ready to be deployed to a Rescue Task Force (RTF) twenty-four hours a day seven days a week.         No         37.9%a         27.0%a         72.3%a         2.203         0.332           13) I have been certified in ICS 300 by or through my agency.         No         53.4%a         38.4%a         34.5%a         4.775         0.092           17) Interoperable Capabilities         No         16.7%a         4.6%b         15.6%a,b         7.016         .030*           18) LEOs within my agency utilize portable radios with interoperable capabilities.         No         1.9%a         2.6%a         2.1%a         0.095         0.953           19) I can easily switch my issued portable radio to an interoperable channel.         Yes         92.6%a         85.5%a         81.3%a         2.914         0.233           20) My agency conducts training with interoperable radios where we practice how to operate our issued portable radio.         No         50.0%a         50.0%a         50.0%a </th <th>10) My agency has conducted trainings or held</th> <th>No</th> <th>22.4%a</th> <th>21.6%a</th> <th>12.7%a</th> <th>0.1.47</th> <th>0.242</th>	10) My agency has conducted trainings or held	No	22.4%a	21.6%a	12.7%a	0.1.47	0.242
Analysis		Yes	77.6%a	78.4%a	87.3%a	2.147	0.342
12) My agency has qualified members at the ready to be deployed to a Rescue Task Force (RTF) twenty-four hours a day seven days a week.   62.1%a   73.0%a   72.7%a   2.203   0.332		No	29.8%a	29.7%a	25.5%a		
be deployed to a Rescue Task Force (RTF) twenty- four hours a day seven days a week.  13) I have been certified in ICS 300 by or through my agency.  Yes  46.6%a  61.6%a  61.6%a  65.5%a  4.775  0.092  17) Interoperable Capabilities  No  16.7%a  4.6%b  15.6%a,b  7.016  0.030*  18) LEOs within my agency utilize portable radios with interoperable capabilities.  Yes  98.1%a  97.4%a  97.9%a  19) I can easily switch my issued portable radio to an interoperable channel.  Yes  92.6%a  85.5%a  81.3%a  2.914  0.233  20) My agency conducts training with interoperable radios where we practice how to operate our issued yes portable radio.  21) My agency conducts interoperable  No  50.0%a  48.7%a  50.0%a  48.7%a  50.0%a  79.3%a  0.030  0.985  0.030  0.030  0.985  0.030  0.030  0.985  0.030  0.030  0.985  0.030  0.030  0.030  0.0985  0.030  0.030  0.030  0.0985  0.030  0.03		Yes	70.2%a	70.3%a	74.5%a	0.354	0.838
13   I have been certified in ICS 300 by or through my agency. Yes 46.6%a 61.6%a 65.5%a 16.7%a 46.6%b 15.6%a,b 47.016 0.092     17   Interoperable Capabilities No 16.7%a 46.6%b 15.6%a,b 44.4%a,b 7.016 0.098     18   LEOs within my agency utilize portable radios No 1.9%a 2.6%a 2.1%a 98.1%a 97.4%a 97.9%a 19   I can easily switch my issued portable radio to an interoperable channel. Yes 92.6%a 85.5%a 81.3%a 13.3%a 2.914 0.233     19   I can easily switch my issued portable radio to an interoperable channel. Yes 92.6%a 85.5%a 81.3%a 2.914 0.233     20   My agency conducts training with interoperable radios where we practice how to operate our issued portable radio.		No	37.9%a	27.0%a	27.3%a		
Yes   46.6%a   61.6%a   65.5%a   4.7/5   0.092	1 1	Yes	62.1%a	73.0%a	72.7%a	2.203	0.332
17  Interoperable Capabilities   No	13) I have been certified in ICS 300 by or through my	No	53.4%a	38.4%a		1 775	0.092
17  Interoperable Capabilities   Yes   83.3%a   95.4%b   84.4%a,b   7.016   .030*	agency.	Yes	46.6%a			4.773	0.092
18) LEOs within my agency utilize portable radios with interoperable capabilities.   Yes   98.1%a   97.4%a   97.9%a   0.095   0.953	17) Interoperable Canabilities	No	16.7%a			7.016	030*
with interoperable capabilities.         Yes         98.1%a         97.4%a         97.9%a         0.933         0.933           19) I can easily switch my issued portable radio to an interoperable channel.         Yes         92.6%a         18.8%a         18.8%a         2.914         0.233           20) My agency conducts training with interoperable radios where we practice how to operate our issued portable radio.         No         50.0%a         51.3%a         50.0%a         50.0%a         0.030         0.985           21) My agency conducts interoperable communication training and exercises with other agencies.         No         56.6%a         51.3%a         54.2%a         0.358         0.836           23) My agency does not frequently provide its member with intelligence reports.         No         64.1%a         72.5%a         79.3%a         3.526         0.172           24) My agency has its own standing Intelligence Unit. Solely from a remote location.         No         56.3%a         51.2%a         60.3%a         1.150         0.563           25) The intelligence unit within my agency works solely from a remote location.         No         84.1%a         77.5%a         81.1%a         1.003         0.606           26) The intelligence unit within my agency has been deployed to major incidents.         No         65.1%a         67.1%a         66.7%a         33.3%a			83.3%a	95.4%b	84.4% a,b	7.010	.030
19   I can easily switch my issued portable radio to an interoperable channel.   Yes   92.6%a   85.5%a   81.3%a   2.914   0.233     20   My agency conducts training with interoperable radios where we practice how to operate our issued yes portable radio.   No   50.0%a   48.7%a   50.0%a   50.0%a   50.0%a   50.0%a   20.0%a   50.0%a		No				0.095	0.953
interoperable channel. Yes 92.6%a 85.5%a 81.3%a 2.914 0.233    20) My agency conducts training with interoperable No 50.0%a 51.3%a 50.0%a    radios where we practice how to operate our issued Yes portable radio.    21) My agency conducts interoperable No 56.6%a 51.3%a 54.2%a    communication training and exercises with other agencies.    23) My agency does not frequently provide its member with intelligence reports. Yes 35.9%a 27.5%a 20.7%a    24) My agency has its own standing Intelligence Unit. No 56.3%a 51.2%a 60.3%a    25) The intelligence unit within my agency works solely from a remote location. Yes 15.9%a 22.5%a 18.9%a    26) The intelligence unit within my agency has been deployed to major incidents. Yes 34.9%a 32.9%a 33.3%a    27) My agency relies on state/federal resources for No 23.4%a 31.3%a 25.5%a    23 48%a 31.3%a 25.5%a    24 3.4%a 31.3%a 25.5%a    25 5%a    26 0.067	with interoperable capabilities.		98.1%a	97.4%a		0.055	0.755
20) My agency conducts training with interoperable   No   50.0%a   51.3%a   50.0%a   radios where we practice how to operate our issued   Yes   50.0%a   48.7%a   50.0%a   50.0%a   20.030   0.985   20.0%a   20.030   20	, ,		7.4%a	14.5%a		2 914	0.233
radios where we practice how to operate our issued portable radio.  21) My agency conducts interoperable communication training and exercises with other agencies.  23) My agency does not frequently provide its member with intelligence reports.  24) My agency has its own standing Intelligence Unit.  25) The intelligence unit within my agency works solely from a remote location.  26) The intelligence unit within my agency has been deployed to major incidents.  27) My agency relies on state/federal resources for No. 23,4%a 31,3%a 25,5%a 20,000 0.030 0.985  50.0%a 48.7%a 50.0%a 51.2%a 0.358 0.836  43.4%a 48.7%a 45.8%a 79.3%a 79.3%a 79.3%a 30.526 0.172  43.52%a 79.3%a 31.52%a 60.3%a 31.1%a 1.150 0.563  43.8%a 48.8%a 39.7%a 1.150 0.563  43.8%a 48.8%a 39.7%a 1.003 0.606	interoperable channel.	Yes	92.6%a	85.5%a	81.3%a	2.714	0.233
Dortable radio.   So.0%a   48.7%a   So.0%a	20) My agency conducts training with interoperable	No	50.0%a	51.3%a	50.0%a		
communication training and exercises with other agencies.       Yes       43.4%a       48.7%a       45.8%a       0.358       0.836         23) My agency does not frequently provide its member with intelligence reports.       No       64.1%a       72.5%a       79.3%a       3.526       0.172         24) My agency has its own standing Intelligence Unit. Yes       No       56.3%a       51.2%a       60.3%a       1.150       0.563         25) The intelligence unit within my agency works solely from a remote location.       No       84.1%a       77.5%a       81.1%a       1.003       0.606         26) The intelligence unit within my agency has been deployed to major incidents.       No       65.1%a       67.1%a       66.7%a       0.067       0.967         27) My agency relies on state/federal resources for computed for the computed in the comp	*	Yes	50.0%a	48.7%a	50.0%a	0.030	0.985
agencies.       43.4%a       48.7%a       45.8%a         23) My agency does not frequently provide its member with intelligence reports.       No       64.1%a       72.5%a       79.3%a       3.526       0.172         24) My agency has its own standing Intelligence Unit.       No       56.3%a       51.2%a       60.3%a       1.150       0.563         25) The intelligence unit within my agency works solely from a remote location.       No       84.1%a       77.5%a       81.1%a       1.003       0.606         26) The intelligence unit within my agency has been deployed to major incidents.       No       65.1%a       67.1%a       66.7%a       0.067       0.967         27) My agency relies on state/federal resources for constate/federal re	21) My agency conducts interoperable	No	56.6%a	51.3%a	54.2%a		
member with intelligence reports.         Yes         35.9%a         27.5%a         20.7%a         3.326         0.172           24) My agency has its own standing Intelligence Unit.         No Yes         56.3%a         51.2%a         60.3%a         1.150         0.563           25) The intelligence unit within my agency works solely from a remote location.         No Yes         84.1%a         77.5%a         81.1%a         1.003         0.606           26) The intelligence unit within my agency has been deployed to major incidents.         No         65.1%a         67.1%a         66.7%a         0.067         0.967           27) My agency relies on state/federal resources for         No         23.4%a         31.3%a         25.5%a         25.5%a	٩	Yes	43.4%a	48.7%a	45.8%a	0.358	0.836
member with intelligence reports.       Yes       35.9%a       27.5%a       20.7%a         24) My agency has its own standing Intelligence Unit.       No Yes       56.3%a 48.8%a 39.7%a       1.150 0.563         25) The intelligence unit within my agency works solely from a remote location.       No Yes       84.1%a 77.5%a 81.1%a 1.003 0.606         26) The intelligence unit within my agency has been deployed to major incidents.       No Yes       65.1%a 67.1%a 66.7%a 32.9%a 33.3%a 33.3%a 33.3%a       0.067 0.967         27) My agency relies on state/federal resources for the control of the control o	23) My agency does not frequently provide its	No	64.1%a	72.5%a	79.3%a	3 526	0.172
24) My agency has its own standing Intelligence Unit.       Yes       43.8%a       48.8%a       39.7%a       1.150       0.563         25) The intelligence unit within my agency works solely from a remote location.       No       84.1%a       77.5%a       81.1%a       1.003       0.606         26) The intelligence unit within my agency has been deployed to major incidents.       No       65.1%a       67.1%a       66.7%a       0.067       0.967         27) My agency relies on state/federal resources for state/f	member with intelligence reports.	Yes	35.9%a	27.5%a	20.7%a	3.320	0.172
Yes       43.8%a       48.8%a       39.7%a         25) The intelligence unit within my agency works solely from a remote location.       No       84.1%a       77.5%a       81.1%a         Yes       15.9%a       22.5%a       18.9%a         26) The intelligence unit within my agency has been deployed to major incidents.       No       65.1%a       67.1%a       66.7%a         Yes       34.9%a       32.9%a       33.3%a       0.067       0.967	24) My aganay has its own standing Intelligence Unit	No	56.3%a	51.2%a	60.3%a	1 150	0.562
solely from a remote location.  Yes 15.9%a 22.5%a 18.9%a 1.003 0.606 26) The intelligence unit within my agency has been deployed to major incidents.  Yes 34.9%a 32.5%a 33.3%a 0.067 0.967	24) My agency has its own standing interrigence Offic.	Yes	43.8%a	48.8%a	39.7%a	1.130	0.505
solely from a remote location.  Yes 15.9%a 22.5%a 18.9%a 26) The intelligence unit within my agency has been deployed to major incidents.  No 45.1%a 32.5%a 66.7%a 4.9%a 33.3%a 0.067 0.967	25) The intelligence unit within my agency works	No	84.1%a	77.5%a	81.1%a	1 002	0.606
deployed to major incidents.  Yes 34.9%a 32.9%a 33.3%a  7.1 My agency relies on state/federal resources for No. 23.4%a 31.3%a 25.5%a	solely from a remote location.	Yes	15.9%a	22.5%a	18.9%a	1.003	0.000
deployed to major incidents. Yes 34.9%a 32.9%a 33.3%a  27) My agency relies on state/federal resources for No. 23.4%a 31.3%a 25.5%a	26) The intelligence unit within my agency has been	No	65.1%a	67.1%a	66.7%a	0.067	0.067
27) My agency relies on state/federal resources for No 23,4%a 31,3%a 25.5%a	deployed to major incidents.	Yes	34.9%a	32.9%a	33.3%a	0.007	0.907
1 702 1/ 5/7	27) My agency relies on state/federal resources for	No	23.4%a	31.3%a	25.5%a	1.206	0.547
intelligence gathering. Yes 76.6%a 68.8%a 74.5%a 1.206 0.347	intelligence gathering.	Yes	76.6%a	68.8%a	74.5%a	1.200	0.547

### Rank

Within different ranks, the implementation of Incident Command (Question 8) did not vary significantly,  $\chi^2(2) = 1.881$ , p = .390. This consistency extends to the use of staging areas (Question 9,  $\chi^2(2) = 1.374$ , p = .503) and conducting interoperable communication training (Question 21,  $\chi^2(2) = 1.411$ , p = .494). However, a significant finding in certification in ICS 300 based on rank was observed (Question 13,  $\chi^2(2) = 26.789$ , p < .001), indicating that executive-level officers are more likely to be certified.

		7) What ra	7) What rank do you hold within your				
		-	agency?		_		
	Executive Non- Supervi		Supervisory	χ2	p		
		Level Supervisory Super		Supervisory	_		
		%	%	%			
	Female	3.6%a	15.6%a	7.8%a			
Gender	Male	96.4%a	84.4%a	91.4%a	6.110	.047*	
Gender	Prefer not to say	0.0%1	0.0%1	0.9%a	0.110	.047	
Age Groups	< 35	3.6%a	31.7%b	10.4%a	29.553	.000*	

	35-50	50.0%a,b	47.8%a	63.5%b		
	> 50	46.4%a	20.4%b	26.1%a,b		
	< 50	53.6%a	35.0%a,b	26.5%b		
	50 - 500	35.0%a 35.7%a	35.6%a	20.5%b 38.9%a		
5) What is the approximate size of your agency?	501 - 1500	3.6%a	6.8%a	13.3%a	12.377	0.054
	> 1500	7.1%a	22.6%a	21.2%a		
	Rural	35.7%a	29.0%a	28.4%a		
6) What type of geographic area is under your	Suburban	17.9%a	26.9%a	31.9%a	2.597	0.627
agency's jurisdiction?	Urban	46.4%a	44.1%a	39.7%a	2.571	0.027
	< 10	7.1%a	45.9%b	19.8%a		
Years as a Full Time Officer	10-20	25.0%a,b	32.4%a	46.6%b	44.230	.000*
Tears as a run Time Officer	> 20	67.9%a	21.6%b	33.6%b	44.230	.000
8) Incident Command has been implemented in	No No	14.3%a	23.8%a	19.0%a		
major incidents that I or my agency has		14.5%a	23.8%a	19.0%a	. <u>.</u> . (	)`
responded to. (NOTE: If your agency HAS NOT	Yes	05 70/ -	76.20/ -	01 00/ -	1.881	0.390
utilized the Incident Command System, select		85.7%a	76.2%a	81.0%a	0),	
"No" and proceed to Question 16)						
9) My agency has utilized predesignated	No	26.3%a	19.0%a	26.1%a	1.051	0.700
locations within my jurisdiction for staging areas during a major incident.	Yes	73.7%a	81.0%a	73.9%a	1.374	0.503
10) My agency has conducted trainings or held	No	5.3%a	19.2%a	23.2%a		
meetings with neighboring agencies to identify each other's capabilities/deficiencies.	Yes	94.7%a	80.8%a	76.8%a	3.080	0.214
11) Self-deployment by members of my agency	No	26.3%a	26.5%a	31.9%a		
and/or nonmembers of my agency was observed during a major incident.	Yes	73.7%a	73.5%a	68.1%a	0.619	0.734
12) My agency has qualified members at the	No	21.1%a	32.3%a	30.4%a		
ready to be deployed to a Rescue Task Force	Yes		02.0704	2011,04		
(RTF) twenty-four hours a day seven days a week.		78.9%a	67.7%a	69.6%a	0.956	0.620
13) I have been certified in ICS 300 by or	No	10.5%a	59.2%b	26.1%a	26.789	.000*
through my agency.	Yes	89.5%a	40.8%b	73.9%a	20.789	.000
17) International Comphilities	No	13.0%a	14.2%a	7.6%a	2.065	0.356
17) Interoperable Capabilities	Yes	87.0%a	85.8%a	92.4%a	2.065	0.556
18) LEOs within my agency utilize portable	No	5.9%a	0.0%1	4.3%a	4.420	0.100
radios with interoperable capabilities.	Yes	94.1%a	100.0%1	95.7%a	4.439	0.109
19) I can easily switch my issued portable radio	No	11.8%a	12.1%a	15.7%a	0.404	0.701
to an interoperable channel.	Yes	88.2%a	87.9%a	84.3%a	0.494	0.781
20) My agency conducts training with	No	35.3%a	52.7%a	51.4%a		
interoperable radios where we practice how to operate our issued portable radio.	Yes	64.7%a	47.3%a	48.6%a	1.780	0.411
21) My agency conducts interoperable	No	41.2%a	53.3%a	57.1%a		
communication training and exercises with other agencies.	Yes	58.8%a	46.7%a	42.9%a	1.411	0.494
23) My agency does not frequently provide its	No	80.0%a	69.2%a	73.3%a		
member with intelligence reports.	Yes	20.0%a	30.8%a	26.7%a	1.119	0.571
24) My agency has its own standing Intelligence	No	70.0%a	54.2%a	53.3%a		
Unit.	Yes	70.0%a 30.0%a	54.2%a 45.8%a	46.7%a	1.917	0.383
25) The intelligence unit within my agency	No	85.0%a	79.0%a	81.7%a		
works solely from a remote location.	Yes	15.0%a	79.0%a 21.0%a	18.3%a	0.464	0.793
26) The intelligence unit within my agency has	No	80.0%a	63.1%a	67.1%a		
been deployed to major incidents.	Yes	20.0%a	36.9%a	32.9%a	2.173	0.337
27) My agency relies on state/federal resources	No	21.1%a	29.5%a	25.3%a		
for intelligence gathering.	Yes	78.9%a	70.5%a	74.7%a	0.782	0.676
		, 3., , , , ,	, 5.5 / 6 t	11.00		