



Kansas 9-1-1 Coordinating Council Meeting Agenda

Friday, August 16, 2019, Statehouse, Room 112-N, Topeka, Kansas

Voting Members (17)	Non-Voting Members (11)	Support (9)
Mike Albers, Govt IT	David Cowan, LKM	Michele Abbott, Broadband (E)
Melanie Bergers PSAPs over 75k	Jerry Daniels, KAC	Lori Alexander, Liaison
Senator Rick Billinger	John Fox, LEC over 50k lines	Eileen Battles, GIS
Troy Briggs, Kansas Sheriff Assoc.	Patrick Fucik, Large Wireless Prov'	Kathy Becker, LCPA
Representative John Carmichael	Rob McDonald, Rural Indep Telcos	Scott Ekberg, Administrator
Robert Cooper, Deaf Hard Hearing	Ken Nelson, GIO	Dick Heitschmidt, Chair
Senator Marci Francisco	Sara Spinks, OITS	Phill Ryan, ITSS
Chief Jerry Harrison, KACP	Mark Tucker, VoIP Provider	Gayle Schwarzrock, LCPA
Representative Kyle Hoffman	Bill Walker, MARC	Randall White, PM
<i>Kathy Kuenstler, APCO</i>		
<i>Michael Leiker, Govt IT (term expired)</i>	<i>Non-traditional PSAP, Tribal Govt</i>	Braden Perry, attorney
Sherry Massey, PSAPs less 75k	<i>Non-traditional PSAP, other</i>	Arthur Chaykin, attorney
Kerry McCue, Kansas EMS Board		
Robert McLemore, Fire Chief		
Josh Michaelis, PSAPs less 75k		
Ellen Wernicke, PSAPs over 75k		
Jonathan York, TAG		

Roster effective July 1, 2019, based on HB2084 changes to 911 Act.

Quorum for holding a meeting = 15

Quorum for acting = 9

- Call to Order
- Roll Call
- Council Orientation and Training
- Meeting Minutes
- Executive Committee Report
- Operations Committee Report
- LCPA Financial Report
- Administrator Report
- Liaison Report
- Training Subcommittee Report
- Text-to-911 Subcommittee Report
- GIS Committee Report
- GIS User Group and Project Portal Report
- Geospatial Call Routing Report
- Federal Grant for 911 Report
- Broadband Interoperability Committee
- Technical Committee Report
- Program Management Report
- New Business
 - Next Meeting, **Monday, October 7, 2019, Prairie Band Casino, Mayetta, KS**
- Motion to adjourn



Kansas 9-1-1 Coordinating Council Meeting

Friday, June 21, 2019, web conference minutes

1 Call to Order, Roll Call (Scott Ekberg for Chief Heitschmidt, Chair)

On behalf of Chief Dick Heitschmidt, Scott Ekberg called the Kansas 911 Coordinating Council ("Council") meeting to order at 11:00 AM.

2 Roll Call (Gayle Schwarzrock)

Roll call by Gayle Schwarzrock

- Total Council Voting Membership = 17
- Total Council Non-Voting Membership = 9
- Quorum for holding meeting requires at least 14 members
- Quorum for taking action requires at least 9 voting members

Council Members in Attendance:

Voting Members (11): Melanie Bergers, Representative John Carmichael, Robert Cooper, Senator Marci Francisco, Representative Kyle Hoffman, Michael Leiker, Sherry Massey, Kerry McCue, Chief Robert McLemore, Josh Michaelis, Jonathan York.

Non-voting Members (6): David Cowan, Jerry Daniels, Robert McDonald, Ken Nelson, Sarah Spinks, Bill Walker.

Council Members Absent:

Voting Members (6): Mike Albers, Senator Rick Billinger, Sheriff Troy Briggs, Chief Jerry Harrison, Kathy Kuenstler, Ellen Wernicke.

Non-voting Members (3): John Fox, Patrick Fucik, Mark Tucker.

Also, in Attendance:

Lori Alexander, Kathleen Becker, Angela Colborn, Jason Conn, Scott Ekberg, Phill Ryan, Gayle Schwarzrock, Randall White.

3 Minutes of Council Meeting (Scott Ekberg)

Call for Motion to approve April 1, 2019, regular meeting minutes (handout) by Bob McLemore; seconded by Sherry Massey. Carmichael abstained since he was not at the meeting. No corrections, no additions, no amendments. Voice vote. Motion carried unanimously.

4 LCPA Report (Kathy Becker)

- Action item concerning asset accounts. Since we elected to have our assets in interest-bearing account, we must pay bank fees. Having it in an interest-bearing account versus an account with no fees offers the Council significantly higher yield. The interest-bearing account fees cannot be waved.
 - The total service charge for both accounts for the year 2018 was \$3,251.00
 - The State Fund account earned interest in 2018 was \$47,482.83



- The Grant Fund account earned interest in 2018 was \$25,056.82
- The net benefit of using an interest-bearing account was \$69,288.65
- Therefore, we should remain with the current accounts.
- Action item closed. Senator Francisco requested the above details be recorded in these Minutes.
- Balance Sheet reviewed. No issues, no discussion.
- Summary Sheet reviewed. Council is operating at a deficit this year of about \$601,000. Operating expenses are 1.53% which is significantly less than the current statute requirement of 2.4% ceiling, and below the new statute requirement of 2.0% ceiling.

5 Executive Committee Report (S. Ekberg for Chief Heitschmidt, Chair)

- Council Membership changes effective July 1, 2019, with adoption of HB2084:
 - Addition of two (2) new positions for non-traditional PSAPs. One representing Tribal Nation Government. One representing non-traditional PSAPs such as Kansas State University dispatch center, or Kansas University (KU) dispatch center, or Kansas Highway Patrol (KHP) dispatch. A “non-traditional PSAP” is a PSAP operated by an entity other than a city or county government. Lori Alexander has reached out to the Tribal Nations and other non-traditional PSAPs that we are aware of with information of how they may submit their candidates to the Kansas Governor’s Office for appointment consideration to these two new positions.
- Other Council Membership change. Representative John Carmichael has been appointed by Representative Tom Sawyer, Minority Leader of the Kansas House of Representatives, to fulfill the unexpired term of Representative John Alcala; as well as the House representative on the Council for the next three years.
- Council Legal Representation.
 - Office of Attorney General Letter terminated inter-agency contract for legal services effective February 7, 2019, without explanation.
 - Chief Counsel, Department of Administration (DoA) has insufficient resources to assist.
 - RFP Council Legal Services posted by DoA RFP for legal services, April 25, 2019
 - RFP Closing Date, June 5, 2019, Procurement Negotiating Committee (PNC) and Advisors under Non-Disclosure Agreement (NDA), State Procurement Rules not permitted to disclose details in order to preserve and protect competitive nature of procurement. The Cost Proposal is within 2019 budget for legal services \$45,000.
 - **Call for Motion** to enter into contract for legal services. Representative Hoffman moved that the review committee move forward with award of contract; Chief McLemore seconded. Robert believes that the full Council needs to be privy to procurement details in order to make an informed decision. Representative Carmichael may want to investigate procurement rules with Tracy Diel, Director DoA, since this procedure seems contrary to other agency procurements for which he has served. Senator Francisco is in favor of contract award; however, she would like to confer with DoA about procurement process, and/or work with legislators if legislation needs to be changed. Sen. Francisco asked if Rep. Carmichael wants to delay procurement. Representative

Carmichael does not want to delay procurement. Ekberg asked for roll call vote. Motion carried with one nay (Carmichael), two abstaining (Cooper, Francisco).

6 Administrator Report (Scott Ekberg)

- AT&T Call Handling Mapping Solution update by Ken Nelson
 - The current solution Motorola VESTA Map Locate is end-of-life effective September 2019. Has done its job well. But Locate is labor-intensive and just plots the call on the map.
 - The Motorola replacement of VESTA Locate is VESTA Map Local (VML).
 - Therefore, we need a replacement having greater flexibility with lower administrative overhead. RapidDeploy fulfills both requisites.
 - GIS Committee evaluated VML and RapidDeploy Nimbus products. RapidDeploy offers more functionality such as situational awareness tools at lower cost-of-ownership. Therefore, because of added value, the GIS Evaluation Team recommends RapidDeploy Nimbus.
 - VML requires more network bandwidth to transfer large files than RapidDeploy requires. Thus, the architecture of VML costs more money than RapidDeploy. Our business case includes the RapidDeploy initial one-time cost and the on-going monthly recurring costs.
 - **Call for Motion** to proceed with pricing schedule change to existing infrastructure contract to include RapidDeploy. Senator Marci Francisco moved to grant authority to acquire RapidDeploy Nimbus as replacement for VESTA Locate; Josh Michaelis seconded. Josh Michaelis thanked GIS Committee for their hard, thorough work evaluating these two options, and several State agencies are now using base map data created by GIS Committee. Roll call vote. Motion carried unanimously.
- Scott Ekberg shared email from Joel Kaufman, Senior Account Executive, InfoGroup, Nebraska. Kansas NG911 program is recognized as a leader in the nation. Bob Eckenrod, West Corp. says, "Kansas is light years ahead of the rest of the states" due to the achievements of this Kansas 911 Coordinating Council.
- More on Council membership changes resulting from HB2084:
 - Voting position effective July 1, 2019. Change of existing position from "PSAPs without regard to size" to "Kansas Chapter of the Association of Public Safety Communications Officials (APCO)." This is an important change because all the other major public safety associations have representation on the Council, but APCO did not, until now. Therefore, assuming Kansas APCO concurs, Kathy Kuenstler will represent APCO on the Council.
 - Non-voting positions (two) representing non-traditional PSAPs effective July 1, 2019: one (1) representing Tribal Nations government; one (1) representing KU, K-State or KHP. The Kansas Tribal Nations unanimously nominated Terry Clark, Potawatomi Tribal Police Chief for consideration by the Governor's Office.
- Other changes resulting from HB2084 effective July 1, 2019
 - Fee from \$0.60 to \$0.90 (Council requested \$1.03):
 - \$.66 directly to PSAPs
 - \$.23 to Operations Fund (for current/future costs including technical refresh)

- \$.01 to Grant Fund (for emergencies only)
- Providers will be given 30-day payment grace period
- Minimum county funding from \$50,000 to \$60,000 per year
- Administrative overhead cap from 2.5% to 2.0%
- Pre-paid set at 2.06% of phone service only; retailer sends to Kansas Dept Revenue the quarterly to LCPA
- Some PSAPs will not receive what they need; will have to ask for local tax increase
- Operations Fund will not be able to deliver full next-generation i3 enhancements; RapidDeploy will take us a long way toward NG911, if not, we will have to revisit the Act.
- If local jurisdictions do not maintain their GIS data integrity, Council has authority to contract for GIS professional services; estimated cost is below threshold for an RFP. Josh Michaelis asked if the new statute addresses process for remediating GIS data. Scott answered in the affirmative and explained the process, Then, Ken Nelson, GIO, explained that the GIS Committee has updated their GIS governance and strategy accordingly. Rep. Carmichael inquired if the statute provides cost of contracting to remediate unremedied GIS data is charged back to the delinquent PSAP. Scott answered in the affirmative and explained.
- The statute now codifies the PSAP Expenditure Review process that has been used since 2012.
- Liability limitation changed from “reasonable care” to “gross negligence.”
- Lessons learned introducing a bill: (1) we need tighter, stronger communication among all our stakeholders to build early consensus; (2) took two years to legislate our bill.
- Scott narrated short video of Kansas NG911 progress timeline:
 - Call Handling System from January 31, 2016 to May 31, 2019
 - Emergency Services IP Network (ESInet) migration from April 11, 2018 to May 13, 2019
 - Timeline is right on track with original roadmap: on time, on budget!
- Scott reviewed NG911 Statistics Report. Rep. Carmichael inquired if there is a relationship between number of seats and response time. Scott answered in the negative and explained.

7 Liaison Report (Lori Alexander)

- Lori Alexander is updating our Frequently Asked Questions (FAQ) for PSAP Expenditures as to allowed and disallowed expenditures.
- Creating a new expenditure database that will be searchable by PSAP to assist them making decisions regarding their expenditures.
- Completed non-traditional PSAP outreach to Tribal Nations. Police Chief Terry Clark nominated; awaiting final approval by Potawatomi, Kickapoo, Sack, Fox, Iowa Nations.
- No feedback from secondary non-traditional PSAPs (KU, K-State, KHP).
- Quarterly Lunch-n-Learn sessions are keeping stakeholders informed.
- Annual Admin Day keeps PSAPs informed; Nov 13, 2019, Meridian Center, Newton, Kansas.
- Conferences such as NASNA, NENA, APCO and FirstNet necessary critical for Kansas to influence technical roadmaps, technical standards, situational awareness, and maintaining key relationships. FirstNet paid for by FirstNet conference.

8 Operations Committee Report (Josh Michaelis, Chair)

- PSAP Expenditure Report. Josh asked Lori to provide latest status.
 - Lori Alexander reviewed PSAP Expenditure Status Report for 2017
 - Total Expenditures \$19,463,677.13
 - Follow-up Invoices Questions \$4,508,599.08
 - Unallowables \$101,476.34 refunded
 - Provided examples of unallowables
 - Lori Alexander reviewed PSAP Expenditure Status Report for 2018
 - Progress going better this year
 - Total Expenditures \$20,230,292.69
 - Invoices Requested \$3,526,855.69
 - Follow-up Invoices Questions \$2,192,446.58
 - Unallowables \$41,807.14
 - Provided examples of unallowables
 - Josh Michaelis reviewed our PSAP Pre-approval Process as codified by new statute including eight (8) allowable expenses, guidance document with Council policies and FAQ source.
 - Using 911 funds for training is allowable as long as it is directly related to the performance of 911 and dispatching duties in the PSAP. Conference training related to 911 services (registration fees, cost to attend) is also allowable.
 - Josh mentioned that PSAPs are strongly encouraged to consult their legal counsel or contact the Council if they are unsure that expenditure is allowable.
- Pre-approval Expenditures Review by Council
 - Jewell County request for a portable, folding, sound panel barrier. Lori consulted with personnel. She learned that the 911 equipment is upstairs but not on dispatch floor. Rep. Carmichael inquired estimated cost; Lori mentioned cost is about \$588.00. A permanent wall would be considered capital improvement and not allowable. Josh reiterated that the source of noise is not occurring in the 911 dispatch area. The emergency preparedness manager (upstairs) is near the 911 equipment and is wanting the barrier for his work area. Josh **called for motion**. Rep. John Carmichael moved to disallow this particular request for expenditure; Sherry Massey seconded. No discussion. Voice vote. Motion carried unanimously.
 - Republic County request for a portable, local, air filtration system to eliminate dust that can cause equipment failure. Estimated cost is about \$1,200.00 for unit for dispatch center area only and is not for the building. Josh **called for motion**. Rep. John Carmichael moved to allow this request for expenditure; Kerry McCue seconded. No discussion. Voice vote. Motion carried unanimously.
 - Josh or Lori will contact both counties about decision of the Council. Both items will be added to expenditure guidance documents including the FAQ of the Operations Committee.
- Josh Michaelis shared that the Kansas Fall APCO will be jointed hosted by APCO and Council, October 7-9, 2019, Prairie Band Casino, Mayetta, Kansas. This includes a face-to-face meeting of the Council, Monday, October 7, 2019.



- Josh Michaelis supported the importance of key members attending national conferences such as NASNA and NENA, to stay informed of what is happening at the national level.

9 Training Subcommittee Report (Lori for Ellen Wernicke, Chair)

- Lori Alexander reported that our Learning Management System (LMS) Knowledge Center provided by FirstNet Learning/NEOGOV contract expires Dec 31, 2019. Ellen Wernicke and Lori Alexander investigating cost-benefit alternatives to Knowledge Center. **ACTION** Ellen / Lori will cover LMS system including possible demo “LEARN” platform at Council meeting, August 16, 2019.

10 Text-to-911 Subcommittee Report (Melanie Bergers, Chair)

- A draft letter from Text Subcommittee to Kansas Department of Education (DoE) announcing to high schools in the state if they would like to participate in developing our next Public Service Announcement (PSA) for the state text-to-911. The Text-to-911 Subcommittee will review the draft letter next month for any recommended changes. Then will send to DoE and start a timeline once school starts in the fall.
- “Text-to-911 Success Story”. Texting Subcommittee has reached out to several PSAP across the state asking for their text-to-911 success stories in order to prepare the Kansas “Text-to-911 Success Story.” The Texting Story will be shared at various Kansas APCO events and Admin Days. We will continue to stress “Call if you can, Text if you can’t” because of the intrinsic reliability limitations of SMS texting.
- There are still technical limitations regarding reliability of SMS texting 911. It is one of our current focus areas. But the roadmap for RTT is not scheduled for delivery until early next year. Scott Ekberg shared the latest Text-to-911 Status maps. The reliability of SMS texting is worse than regular SMS. RTT will provide the reliability we need for text communications within 911.

11 GIS Committee Report (Ken Nelson, Chair)

- GIS Data Maintenance Submission update. No current concerns; processing as expected (45% compliance to date is typical; 100% expected by June 30, 2019).
- Orthoimagery update. Statewide program complete; QA testing complete; data delivery complete. SURDEX captured post-disaster EF-4 tornado path imagery across Douglas County. Representative John Carmichael inquired as to how time elapse from time of disaster to time SURDEX captured their imagery. Ken shared:
 - the tornado came through on Tuesday evening
 - SURDEX captured imagery the following Friday
 - The data was available as a web service published by SURDEX at no additional cost to the Council since covered in our existing contract the following Monday (6 days after event) to our State Kansas Emergency Management Office and local jurisdictions impacted by the tornado
 - SURDEX file base format followed the Tuesday or Wednesday following tornado available through secure download to local jurisdictions impacted
 - Imagery has not been made available to the public domain at the request of local government to prevent looting; will be made available for public release at a later date.

- ACTION share interactive imagery demo at August 16, 2019, Council meeting.

12 GIS User Group and Project Portal Report (Ken for Eileen Battles)

- NG911 Program Portal update:
 - Call Location Map in-progress
 - Resolution Center Group e-mail in-progress
 - Enhancements to Expenditure Module on-going
 - Regular portal maintenance
- NG911 GIS Toolbox update. After Eileen Battles and Sherry Massey make updates to our GIS toolbox and data model, Kristen Jordan makes changes and pushes updates to our data maintainers.
- Currently, 98 Network Attached Storage (NAS) devices have been built and shipped to the field with 2014 imagery.
- Currently, 87 Call Handling Solution map templates (VESTA Locate) have been published and maintained. NAS devices will not be required with upcoming RapidDeploy. We have 2018 statewide imagery available for access but won't ship out to PSAPs on NAS devices as in the past. We will provide 2018 imagery over web mapping services until RapidDeploy implemented.
- Outreach Activities update. Eileen Battles and Sherry Massey host quarterly NG911 GIS User Group webinars covering hot GIS topics relating to NG911. Great forum for interacting with our users while constantly refreshing new topics such as changes to data model, data processing steps, system improvements and imagery program. Then recordings and slide decks are then posted to www.Kansas911.org for viewing.

13 Geospatial Call Routing (GCR) Report (Sherry Massey, Chair)

- We now have 92 PSAPs on hosted solution operating off a geoMSAG. This is a precursor to routing calls by GIS data rather than tables maintained by phone companies.
- As of this week, the last of the PSAPs on the hosted solution have their data pushed out to AT&T for that process. Only Smith County, latest to sign on, remains and scheduled for September of this year. This has been a year-and-a-half project since the first county went up for testing. We are glad conversion is almost completed and going well.

14 Federal Grant for 911 Update (Sherry Massey, Lead)

- We are still in a holding pattern. Laurie Flaherty of the National 911 Office, Washington, DC, recently mentioned that the grant is still in "clearance" which is the final stage of award. All the awards have been tentatively decided. She is waiting for her superiors to sign off on the decisions so the awards can be made.
- Sherry Massey is putting together the committee that we review subgrant applications. One of the two projects under the grant application has already been discussed earlier today would pay a portion of the replacement mapping system. The other project is to provide subgrants to PSAPs for equipment that may need to replace for NG911. This Subgrant Committee will write the draft of those rules for review by the Council. ACTION Sherry to furnish draft rules for subgrants to PSAPs for Council approval when finalized by her Committee.



15 Broadband Interoperability Committee (Michele Abbott, Chair)

Michele Abbott had a work conflict arise. This topic is tabled for next Council meeting, August 16, 2019.

16 Technical Committee Report (Phill Ryan for Mike Leiker, Chair)

- NG911 Phase-1 Hosted Solution status (map handout)
 - 92 PSAPs on our hosted solution plus Yoder. Coming soon are:
 - Saline County Backup, August
 - Riley County, August
 - Smith County, September
 - Currently on VESTA R7.2 platform hosts (Topeka and Wichita)
 - VESTA R7.3 software release coming 1Q2020 with some new features such as
 - Instant Messaging, RTT, outbound texting from 911 center, all of which directly contribute to public safety.
- NG911 Phase-2 NG911 AT&T nationwide ESInet™ (Emergency Services IP network)
 - All but two counties, Rush and Ellis, that are on our Hosted Solution are now on ESInet; they are migrating next week.
 - With ESInet, calls come into the 911 center 7-12 seconds faster than the legacy system. ESInet also allows call transfers across LATA lines to neighboring jurisdictions. And ESInet provides the backbone for the eventual connection to dissimilar 911 platforms such as the Kansas City MARC area and other states.
- NG911 Phase-3 Geospatial Call Routing
 - Today, 911 calls are routed based on the location of the cell tower accepting the call. With geospatial call routing, we will have the capability to route the call based on what the handset originates. Depends on the wireless carriers sending the lat-long coordinates with the call setup which is coming.
- Next Project to RapidDeploy Mapping
 - This is a major step in NG911 capability. RapidDeploy is a highly flexible platform whereas the legacy platform is not. The Technical Committee plans to review RapidDeploy architecture in July or August. **ACTION** Technical Committee to make its recommendation to the Council. [As covered earlier today, the GIS Committee and Operations Committee have already made their recommendations to the Council.]
- Day-2 Support Incident Management report.
 - Trouble Tickets are categorized based on issue and severity. Focus is to determine if there is a systemic issue, or incidental issue. We have had some fiber cuts. The beauty of our system is that in the event of loss of connectivity, calls are automatically routed to a neighboring jurisdiction. ESInet makes call management seamless.
 - The Incident Management (IcM) Plan is continually updated as our system evolves and matures. Having a consolidated IcM Plan ensures that everyone is on the same page during an incident. Following all major events, we have an After-Action Review to discover the root cause and make any adjustments to our processes and procedures, if needed.



- Security Subcommittee update. AT&T is collecting a few remaining unknowns from Motorola to finalize our annual Security Review. **ACTION** Security Subcommittee to review remaining security items and make final approval. There are some upcoming topics for review:
 - Integrating Call Logging platforms into the system. As soon as get the plan from AT&T and Motorola, the Technical Committee will review and approve.
 - RapidDeploy integration into the system. As soon as get the plan from AT&T and RapidDeploy, the Technical Committee will review and approve.

17 Program Management Report (Randall White)

- Project Status (handout).
- All subprojects are on schedule and in budget.
- There are no Project Jeopardies; no Project Escalations.

18 New Business

- Next Meeting Agenda, **Friday, August 16, 2019, Statehouse, Topeka:**
 - New member welcome and orientation
 - Existing member refresher training
 - Old Business
 - New Business
- Senator Francisco attended a meeting of the broadband committee. Broadband Committee would like to learn from the Council what concerns there are relative to broadband. **ACTION** Scott to include topic during next meeting, August 16, 2019.

19 Motion to Adjourn

Call for motion to adjourn. Motion made by Sen. Francisco; seconded by Chief McClemore. Voice vote. Motion carried.

Meeting ended at 1:25 PM.

Expenditure Approval Request

Presented by: Lieutenant Colonel Kent Anderson, Kansas City, Kansas Police Department

Expenditure Approval received from Laura Cromwell, Professional Fiscal Assistant, Kansas City, Kansas Police Department

Because of the 911 NextGen system upgrades required by MARC at the KCKPD Communications Center, our Communications Center employees were displaced to the Johnson County Communications Center for a period of two months. As such, they will be reimbursed mileage costs incurred during this displacement. We believe this would be an allowable use of 911 funds and wanted to confirm this with you.

Additional information received from Major Rance Quinn, Staff Support Division Commander, Kansas City, Kansas Police Department:

In early 2019 the KCKPD was informed that our current 911 equipment may no longer be operable in June 2019. This is due to the Wyandotte County Public Safety Communications Center (PSAP) having the oldest 911 equipment (system) in the Kansas City area covered by the Mid-America Regional Council.

From Hassan Al-Rubaie (January 11, 2019):

As you may or may not know, we are anticipating our first upgraded selective router to be installed in summer of 2019. Once the new router is installed we will not have the ability to deliver VoIP and Wireless calls to the legacy ECS-1000 call handling solution that is currently in use by Kansas City Kansas Fire Department and Kansas City Kansas Police Department.

According to Al-Rubaie this meant:

We will not be able to route wireless and VoIP calls (which is 90% of your 911 call volume) to your two PSAPs if the equipment is not upgraded before the new selective routers are installed this summer.

It was necessary for the phones at the WyCo PSAP to transfer phones to the Johnson County Communications Center while the WyCo equipment was torn out and replaced. This required new cabling, equipment, etc. It was decided that the KCKPD would get the upgrade done before the June deadline in order to prevent loss of crucial 911 systems. In May 2019 personnel from the WyCo PSAP were transferred to the JoCo Center so that they could answer the 911 calls and dispatch Wyandotte County agencies.

In July 2019 the work was completed and the personnel transferred back to the WyCo PSAP where they now have the upgraded Vesta 911 System.

The Johnson County center was utilized as MARC informed the KCKPD in 2017-2018 that they would no longer support a "cold backup" center meaning it only had equipment and no personnel on a regular basis. They were moving to "warm backup" centers which meant that the location had equipment and

someone working in the area on a regular basis. The KCKPD had a cold backup center and were losing support for the 911 lines that went to that center. During this time frame the JOCO Center offered the KCKPD to use the JOCO center as the backup for Wyandotte County which would meet the warm backup criteria.

KANSAS 911 COORDINATING COUNCIL
Balance Sheet
Friday, May 31, 2019

	<u>Current YTD</u>
Assets:	
Cash	
911 State Fund	\$2,166,934.14
911 Grant Fund	2,279,690.33
Total Cash	<u>4,446,624.47</u>
Investments	
911 State Fund Investments	2,063,709.63
911 Grant Fund Investments	7,130,604.17
Total Investments	<u>9,194,313.80</u>
Accounts Receivable	2,079,670.17
Prepaid Expenses	102,426.21
Accrued Revenues	
Accrued Receivables	
Accrued Receivables - Telecom Payments	
Accrued Receivables - Prepaid Wireless Fees	
Total Accrued Revenues	<u>0.00</u>
Total Assets	<u><u>15,823,034.65</u></u>
Liabilities	
Accounts Payable	3,159,306.83
Accrued Expenses	
Accrued Accounts Payable - PSAP Payments	
Accrued Accounts Payable - PSAP Minimum Payments	475,000.00
Accrued Accounts Payable - Arrears	121,402.76
Accrued Accounts Payable	
Total Accrued Expenses	<u>596,402.76</u>
Deferred Revenue	<u>1,875,726.08</u>
Total Liabilities	5,631,435.67
Equity	
Fund Balance - Unrestricted	10,191,598.98
Total Liabilities and Equity	<u><u>15,823,034.65</u></u>

KANSAS 911 COORDINATING COUNCIL
Balance Sheet
Friday, May 31, 2019

	<u>Current YTD</u>
Assets:	
Cash	
911 State Fund	\$2,166,934.14
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Total Cash	<u>4,446,624.47</u>
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Total Investments	<u>9,194,313.80</u>
Accounts Receivable	2,079,670.17
Prepaid Expenses	102,426.21
Accrued Revenues	
Accrued Receivables	
Accrued Receivables - Telecom Payments	
Accrued Receivables - Prepaid Wireless Fees	
Total Accrued Revenues	<u>0.00</u>
Total Assets	<u><u>15,823,034.65</u></u>
Liabilities	
Accounts Payable	3,159,306.83
Accrued Expenses	
Accrued Accounts Payable - PSAP Payments	
Accrued Accounts Payable - PSAP Minimum Payments	475,000.00
Accrued Accounts Payable - Arrears	121,402.76
Accrued Accounts Payable	
Total Accrued Expenses	<u>596,402.76</u>
Deferred Revenue	<u>1,875,726.08</u>
Total Liabilities	5,631,435.67
Equity	
Fund Balance - Unrestricted	10,191,598.98
Total Liabilities and Equity	<u><u>15,823,034.65</u></u>

**Kansas 911 Coordinating Council
Summary
For the Five Months Ending Friday, May 31, 2019**

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 19 Budget Remaining
Revenue					
Telcom Income	\$1,783,779.00	\$1,957,155.00	\$8,883,990.00	\$9,785,775.00	\$14,601,870.00
Prepay Fee Income	0.00	168,839.33	522,728.28	844,196.65	1,503,343.72
PSAP 911 Services Payments	321,182.65	294,284.08	1,535,192.76	1,471,420.40	1,996,216.24
Interest Income	7,023.80	6,612.92	41,827.40	33,064.60	37,527.60
Total Revenue	\$2,111,985.45	\$2,426,891.33	\$10,983,738.44	\$12,134,456.65	\$18,138,957.56
PSAP Expenses					
PSAP Payments	1,555,995.69	1,709,493.17	7,769,414.38	8,547,465.85	12,744,503.62
PSAP Minimum Quarterly Payments	95,000.00	105,608.83	473,247.60	528,044.15	794,058.40
Total PSAP Expenses	\$1,650,995.69	\$1,815,102.00	\$8,242,661.98	\$9,075,510.00	\$13,538,562.02
Operating Expenses					
Personnel Contracts	24,458.03	32,282.92	147,157.89	161,414.60	240,260.11
Council Meeting Expenses	0.00	716.67	635.02	3,583.35	7,964.98
Committee Meeting Expenses	141.18	375.00	1,338.97	1,875.00	3,161.03
Other Administrative Costs	263.54	5,633.34	12,254.01	28,166.70	55,345.99
Total Operating Expenses	\$24,862.75	\$39,007.93	\$161,385.89	\$195,039.65	\$306,732.11
Contractual Costs					
AT&T Service Contracts	558,028.50	1,022,249.99	3,257,709.08	5,111,249.95	9,009,290.92
LCPA Contract	10,837.50	10,837.50	55,680.25	54,187.50	74,369.75
Other Contract Costs	707,692.92	128,725.83	930,045.77	643,629.15	614,664.23
Total Contractual Costs	\$1,265,721.42	\$1,150,975.82	\$4,187,754.85	\$5,754,879.10	\$9,623,955.15
Total Expenses	2,941,579.86	3,005,085.75	12,591,802.72	15,025,428.75	23,469,249.28
Other Income					
Investment Interest/Dividends	25,160.21	15,833.34	126,814.87	79,166.70	63,185.13
Gain/Loss on Investment	47,216.95	0.00	149,646.05	0.00	(149,646.05)
Total Other Income	\$72,377.16	\$15,833.34	\$276,460.92	\$79,166.70	(\$86,460.92)
Other Expense					
Investment Fees	4,368.78	5,000.00	30,320.70	25,000.00	29,679.30
Total Other Expense	\$4,368.78	\$5,000.00	\$30,320.70	\$25,000.00	\$29,679.30
Net Other Income and Expense	\$68,008.38	\$10,833.34	\$246,140.22	\$54,166.70	(\$116,140.22)
Net Change in Net Assets	(\$761,586.03)	(\$567,361.08)	(\$1,361,924.06)	(\$2,836,805.40)	(\$5,446,431.94)
Operating Expense Percentage			1.46%		

Kansas 911 Coordinating Council
911 State Fund
For the Five Months Ending Friday, May 31, 2019

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 19 Budget Remaining
Revenue					
Telcom Income	\$1,783,779.00	\$1,957,155.00	\$8,883,990.00	\$9,785,775.00	\$14,601,870.00
Interest Income	2,419.36	4,331.46	11,304.39	21,657.30	40,673.13
Total Revenue	\$1,786,198.36	\$1,961,486.46	\$8,895,294.39	\$9,807,432.30	\$14,642,543.13
PSAP Expenses					
PSAP Payments	1,555,995.69	1,709,493.17	7,769,414.38	8,547,465.85	12,744,503.62
PSAP Minimum Quarterly Payments	95,000.00	105,608.83	473,247.60	528,044.15	794,058.40
Total PSAP Expenses	\$1,650,995.69	\$1,815,102.00	\$8,242,661.98	\$9,075,510.00	\$13,538,562.02
Operating Expenses					
Bank Fees	263.54	0.00	1,331.61	0.00	(1,331.61)
Other Administrative Costs	263.54	0.00	1,331.61	0.00	(1,331.61)
Total Operating Expenses	\$263.54	\$0.00	\$1,331.61	\$0.00	(\$1,331.61)
Contractual Costs					
Total Expenses	1,651,259.23	1,815,102.00	8,243,993.59	9,075,510.00	13,537,230.41
Other Income					
Investment Interest/Dividends	7,250.48	3,024.17	29,344.48	15,120.85	6,945.52
Gain/Loss on Investment	8,945.77	0.00	29,755.44	0.00	(29,755.44)
Total Other Income	\$16,196.25	\$3,024.17	\$59,099.92	\$15,120.85	(\$22,809.92)
Other Expense					
Investment Fees	1,172.70	1,000.00	7,229.48	5,000.00	4,770.52
Total Other Expense	\$1,172.70	\$1,000.00	\$7,229.48	\$5,000.00	\$4,770.52
Net Other Income and Expense	\$15,023.55	\$2,024.17	\$51,870.44	\$10,120.85	(\$27,580.44)
Net Change in Net Assets	\$149,962.68	\$148,408.63	\$703,171.24	\$742,043.15	\$1,077,732.28

**Kansas 911 Coordinating Council
911 Grant Fund
For the Five Months Ending Friday, May 31, 2019**

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 19 Budget Remaining
Revenue					
Prepay Fee Income	\$0.00	\$168,839.33	\$522,728.28	\$844,196.65	\$1,503,343.72
PSAP 911 Services Payments	321,182.65	294,284.08	1,535,192.76	1,471,420.40	1,996,216.24
Interest Income	4,604.44	2,281.46	30,523.01	11,407.30	(3,145.53)
Total Revenue	\$325,787.09	\$465,404.87	\$2,088,444.05	\$2,327,024.35	\$3,496,414.43
Operating Expenses					
Personnel Contracts	24,458.03	32,282.92	147,157.89	161,414.60	240,260.11
Council Meeting Expenses	0.00	716.67	635.02	3,583.35	7,964.98
Committee Meeting Expenses	141.18	375.00	1,338.97	1,875.00	3,161.03
Other Administrative Costs	0.00	5,633.34	10,922.40	28,166.70	56,677.60
Total Operating Expenses	\$24,599.21	\$39,007.93	\$160,054.28	\$195,039.65	\$308,063.72
Contractual Costs					
AT&T Service Contracts	558,028.50	1,022,249.99	3,257,709.08	5,111,249.95	9,009,290.92
LCPA Contract	10,837.50	10,837.50	55,680.25	54,187.50	74,369.75
Other Contract Costs	707,692.92	128,725.83	930,045.77	643,629.15	614,664.23
Total Contractual Costs	\$1,265,721.42	\$1,150,975.82	\$4,187,754.85	\$5,754,879.10	\$9,623,955.15
Total Expenses	1,290,320.63	1,189,983.75	4,347,809.13	5,949,918.75	9,932,018.87
Other Income					
Investment Interest/Dividends	17,909.73	12,809.17	97,470.39	64,045.85	56,239.61
Gain/Loss on Investment	38,271.18	0.00	119,890.61	0.00	(119,890.61)
Total Other Income	\$56,180.91	\$12,809.17	\$217,361.00	\$64,045.85	(\$63,651.00)
Other Expense					
Investment Fees	3,196.08	4,000.00	23,091.22	20,000.00	24,908.78
Total Other Expense	\$3,196.08	\$4,000.00	\$23,091.22	\$20,000.00	\$24,908.78
Net Other Income and Expense	\$52,984.83	\$8,809.17	\$194,269.78	\$44,045.85	(\$88,559.78)
Net Change in Net Assets	(\$911,548.71)	(\$715,769.71)	(\$2,065,095.30)	(\$3,578,848.55)	(\$6,524,164.22)

**Kansas 911 Coordinating Council
Summary
For the Five Months Ending Friday, May 31, 2019**

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 19 Budget Remaining
Revenue					
Telcom Income	\$1,783,779.00	\$1,957,155.00	\$8,883,990.00	\$9,785,775.00	\$14,601,870.00
Prepay Fee Income	0.00	168,839.33	522,728.28	844,196.65	1,503,343.72
PSAP 911 Services Payments	321,182.65	294,284.08	1,535,192.76	1,471,420.40	1,996,216.24
Interest Income	7,023.80	6,612.92	41,827.40	33,064.60	37,527.60
Total Revenue	\$2,111,985.45	\$2,426,891.33	\$10,983,738.44	\$12,134,456.65	\$18,138,957.56
PSAP Expenses					
PSAP Payments	1,555,995.69	1,709,493.17	7,769,414.38	8,547,465.85	12,744,503.62
PSAP Minimum Quarterly Payments	95,000.00	105,608.83	473,247.60	528,044.15	794,058.40
Total PSAP Expenses	\$1,650,995.69	\$1,815,102.00	\$8,242,661.98	\$9,075,510.00	\$13,538,562.02
Operating Expenses					
Personnel Contracts	24,458.03	32,282.92	147,157.89	161,414.60	240,260.11
Council Meeting Expenses	0.00	716.67	635.02	3,583.35	7,964.98
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Other Administrative Costs	263.54	5,633.34	12,254.01	28,166.70	55,345.99
Total Operating Expenses	\$24,862.75	\$39,007.93	\$161,385.89	\$195,039.65	\$306,732.11
Contractual Costs					
AT&T Service Contracts	558,028.50	1,022,249.99	3,257,709.08	5,111,249.95	9,009,290.92
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Total Expenses	2,941,579.86	3,005,085.75	12,591,802.72	15,025,428.75	23,469,249.28
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Investment Interest/Dividends	25,160.21	15,833.34	126,814.87	79,166.70	63,185.13
Gain/Loss on Investment	47,216.95	0.00	149,646.05	0.00	(149,646.05)
Total Other Income	\$72,377.16	\$15,833.34	\$276,460.92	\$79,166.70	(\$86,460.92)
Other Expense					
Investment Fees	4,368.78	5,000.00	30,320.70	25,000.00	29,679.30
Total Other Expense	\$4,368.78	\$5,000.00	\$30,320.70	\$25,000.00	\$29,679.30
Net Other Income and Expense	\$68,008.38	\$10,833.34	\$246,140.22	\$54,166.70	(\$116,140.22)
Net Change in Net Assets	(\$761,586.03)	(\$567,361.08)	(\$1,361,924.06)	(\$2,836,805.40)	(\$5,446,431.94)
Operating Expense Percentage			1.46%		

Kansas 911 Coordinating Council
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Operating Expenses					
Bank Fees	263.54	0.00	1,331.61	0.00	(1,331.61)
Other Administrative Costs	263.54	0.00	1,331.61	0.00	(1,331.61)
Total Operating Expenses	\$263.54	\$0.00	\$1,331.61	\$0.00	(\$1,331.61)
Contractual Costs					
Total Expenses	1,651,259.23	1,815,102.00	8,243,993.59	9,075,510.00	13,537,230.41
Other Income					
Investment Interest/Dividends	7,250.48	3,024.17	29,344.48	15,120.85	6,945.52
Gain/Loss on Investment	8,945.77	0.00	29,755.44	0.00	(29,755.44)
Total Other Income	\$16,196.25	\$3,024.17	\$59,099.92	\$15,120.85	(\$22,809.92)
Other Expense					
Investment Fees	1,172.70	1,000.00	7,229.48	5,000.00	4,770.52
Total Other Expense	\$1,172.70	\$1,000.00	\$7,229.48	\$5,000.00	\$4,770.52
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Net Change in Net Assets	\$149,962.68	\$148,408.63	\$703,171.24	\$742,043.15	\$1,077,732.28

**Kansas 911 Coordinating Council
911 Grant Fund
For the Five Months Ending Friday, May 31, 2019**

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Interest Income	4,604.44	2,281.46	30,523.01	11,407.30	(3,145.53)
Total Revenue	\$325,787.09	\$465,404.87	\$2,088,444.05	\$2,327,024.35	\$3,496,414.43
Operating Expenses					
Personnel Contracts	24,458.03	32,282.92	147,157.89	161,414.60	240,260.11
Council Meeting Expenses	0.00	716.67	635.02	3,583.35	7,964.98
Committee Meeting Expenses	141.18	375.00	1,338.97	1,875.00	3,161.03
Other Administrative Costs	0.00	5,633.34	10,922.40	28,166.70	56,677.60
Total Operating Expenses	\$24,599.21	\$39,007.93	\$160,054.28	\$195,039.65	\$308,063.72
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LCPA Contract	10,837.50	10,837.50	55,680.25	54,187.50	74,369.75
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Total Contractual Costs	\$1,265,721.42	\$1,150,975.82	\$4,187,754.85	\$5,754,879.10	\$9,623,955.15
Total Expenses	1,290,320.63	1,189,983.75	4,347,809.13	5,949,918.75	9,932,018.87
Other Income					
Investment Interest/Dividends	17,909.73	12,809.17	97,470.39	64,045.85	56,239.61
Gain/Loss on Investment	38,271.18	0.00	119,890.61	0.00	(119,890.61)
Total Other Income	\$56,180.91	\$12,809.17	\$217,361.00	\$64,045.85	(\$63,651.00)
Other Expense					
Investment Fees	3,196.08	4,000.00	23,091.22	20,000.00	24,908.78
Total Other Expense	\$3,196.08	\$4,000.00	\$23,091.22	\$20,000.00	\$24,908.78
Net Other Income and Expense	\$52,984.83	\$8,809.17	\$194,269.78	\$44,045.85	(\$88,559.78)
Net Change in Net Assets	(\$911,548.71)	(\$715,769.71)	(\$2,065,095.30)	(\$3,578,848.55)	(\$6,524,164.22)

Kansas State Department of Education

Landon State Office Building

900 SW Jackson Street

Topeka, Kansas 66612

To Whom it May Concern,

The Kansas 911 Coordinating Council is updating our statewide public service announcement regarding Text-to-911. This public service announcement is shared across the State and posted on our website for Emergency Communication Centers to utilize or for the public to view and learn about this technology.

The Kansas 911 Coordinating Council would like to invite Kansas High School video, technology or the like classes to participate in creating the updated Public Service Announcement. Those who chose to participate will submit a video to the Council by **October 1, 2019** where each video will be voted on. The winner will receive a \$500 donation to the High School's technology department and the runner up will receive a \$250 donation to the High School's technology department.

The Council is asking the Kansas State Department of Education to disseminate this opportunity to the Kansas High Schools. We invite all entries to visit <https://www.kansas911.org/about-us/#public> to review our current PSA for an idea of where we have been. It is the Council's goal to show success stories of Text-to-911 and how this technology has helped citizens and responders alike.

For a list of success stories and requirements the Council would like in the video, please visit our website at <https://www.kansas911.org>.



Chief Dick Heitschmidt
Kansas 911 Coordinating Council
618 Commercial Street
Suite B
Emporia, KS 66801

Dear Chief Heitschmidt:

On behalf of the National Highway Traffic Safety Administration (NHTSA) and the National Telecommunications and Information Administration (NTIA), we are pleased to inform you that the State of Kansas has qualified for a one-time grant under the 911 Grant Program as authorized by the Next Generation 911 (NG911) Advancement Act of 2012 (Middle Class Tax Relief and Job Creation Act of 2012, Pub. L. 112-96, Title VI, Subtitle E (codified at 47 U.S.C. § 942)) in the amount of \$2,759,782. The 911 Grant Program provides Federal funding to help 911 call centers nationwide upgrade equipment and operations so that citizens, first responders, and 911 call-takers can use digital, IP-based, broadband-enabled technologies to coordinate emergency responses.

Terms and conditions for the 911 Grant Program, including information about eligible and ineligible uses of funds, have been established in final regulations as well as in a Notice of Funding Opportunity (NOFO).¹ As specified by the NG911 Advancement Act, grant recipients must provide a 40 percent match for any grant award.² The period of performance for the grant is a maximum of three years, but ending no later than March 31, 2022.³ In addition, your grant award is subject to the conditions in the attachment to this letter.

As required by the NG911 Advancement Act, your application certifies that Kansas has not diverted and will not divert any portion of designated 911 charges imposed by the State or any taxing jurisdiction in the State that will receive 911 grant funds for any purpose other than the purposes for which such charges are designated or presented from the time period 180 days preceding the date of the application and continuing through the time period during which grant funds are available.⁴ Your application further agreed, as a condition of receipt of a grant, that Kansas will return all grant funds if the State or other taxing jurisdiction diverts any portion of designated 911 charges, eliminates such charges, or re-designates such charges for purposes other than the implementation or operation of 911 services, E-911 services, or NG911 services.⁵

¹ See 47 U.S.C. § 942(c)(2); 47 C.F.R. Part 400; NHTSA and NTIA, 911 Grant Program NOFO (Aug. 9, 2018), available at https://www.ntia.doc.gov/files/ntia/publications/911_grant_program_nofinal.pdf.

² 47 U.S.C. § 942(b)(2).

³ See NHTSA and NTIA, 911 Grant Program Revision to the NOFO at 2 (Feb. 1, 2019), available at <https://www.grants.gov/web/grants/view-opportunity.html?oppId=307868> (document located under 'Related Documents' tab).

⁴ See 47 U.S.C. § 942(c)(2); 47 C.F.R. § 400.4, Appendices A and B; NOFO at 8, 12, 38-41.

⁵ See 47 U.S.C. § 942(c)(3); 47 C.F.R. Part 400, Appendices A and B; NOFO at 38-43.

Thank you for your interest in this grant program. We congratulate Kansas on taking this life-saving step and appreciate all you have done to provide your citizens with efficient and effective 911 services. We are confident that Kansas will utilize these grant funds successfully, helping 911 call centers and emergency responders increase their NG911 capabilities for the welfare of your citizens.

Sincerely yours,



Heidi R. King
Deputy Administrator
National Highway Traffic Safety Administration



Diane Rinaldo
Acting Assistant Secretary for Communications and
Information
National Telecommunications and Information
Administration

cc: The Honorable Laura Kelly
Governor of Kansas

Sherry Massey
Member, Kansas 911 Coordinating Council

Enclosures:

1. Addendum: Financial Assistance Award
2. State-Specific Special Conditions

**911 Grant Program Award
Addendum: Financial Assistance Award
State of Kansas**

Recipient Name	Kansas 911 Coordinating Council
Recipient Unique Entity Identifier	0809096100000
Unique Federal Award Identification Number (FAIN)	69N37619300000911KS0
Federal Award Date	AUG 09 2019
Period of Performance Start Date	AUG 09 2019
Period of Performance End Date	March 31, 2022
Amount of Federal Funds Obligated by this Award	\$ 2,759,782
Total Amount of Federal Funds Obligated	\$ 2,759,782
Total Amount of Federal Award	\$ 4,599,636.67
Budget Approved by the Federal Awarding Agency	\$ 4,599,636.67
Total Approved Cost Sharing or Matching	\$ 1,839,854.67
Name of Federal Awarding Agency	NHTSA
CFDA Number and Name	20.615; 911 Grant Program
R&D	No
Indirect Cost for the Federal Award	0%
Contact Information for Awarding Official	Laurie Flaherty: (202) 366-2705 laurie.flaherty@dot.gov

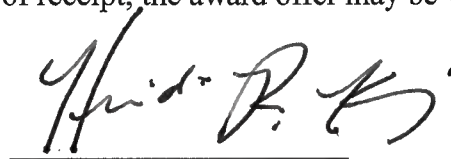
Federal Award Project Description The NG911 Advancement Act provides new funding for grants to be used for the implementation and operation of 911 services, E-911 services, E-911 services, migration to an IP-enabled emergency network, and adoption and operation of NG911 services and applications; the implementation of IP-enabled emergency services and applications enabled by Next Generation 911 services, including the establishment of IP backbone networks and the application layer software infrastructure needed to interconnect the multitude of emergency response organizations; and training public safety personnel, including call-takers, first responders, and other individuals and organizations who are part of the emergency response chain in 911 services.

This award document, signed by the Grants Officer, constitutes an obligation of Federal funding. By signing this document, the Recipient agrees to comply with the following Award provisions:

- For program-specific terms and conditions, consult
 - 47 CFR Part 400, 911 Grant Program
 - 911 Grant Program NOFO (Aug. 9, 2018) and the 911 Grant Program Revision to the NOFO (Feb. 1, 2019), available at <https://www.grants.gov/web/grants/view-opportunity.html?oppId=307868>
 - See also special conditions attached to award letter.
- 2 CFR Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements, including Appendix XII—Award Term and Condition for Recipient Integrity and Performance Matters
- 2 CFR Part 1201, Department of Transportation, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards
- 2 CFR Part 1327, Department of Commerce, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards
- 2 CFR Part 25, Financial Assistance Use of Universal Identifier and System for Award Management
- 2 CFR Part 170, Reporting Sub-award and Executive Compensation Information
- Whistleblower protections, including 10 U.S.C. 2409, 41 U.S.C. 4712, and 10 U.S.C. 2324, 41 U.S.C. 4304 and 4310
- Executive Order 13043, Increasing Seat Belt Use in the United States
- Executive Order 13513, Federal Leadership on Reducing Text Messaging While Driving

IMPORTANT: This document must be signed by an authorized representative of the Recipient and returned. If not signed and returned without modification by the Recipient within 30 business days of receipt, the award offer may be withdrawn and de-obligated.

Signature: _____



Heidi R. King
Deputy Administrator
National Highway Traffic Safety Administration

Signature: _____

Chief Dick Heitschmidt
Kansas 911 Coordinating Council

PLEASE EMAIL SIGNED FORM TO NHTSA.NATIONAL911@DOT.GOV

911 Grant Program Award Special Conditions State of Kansas

90/10 Administrative Cap

The State or Tribal Organization must ensure that at least 90 percent of the grant funds are used for the direct benefit of Public Safety Answering Points (PSAPs), and not more than 10 percent of the grant funds will be used for the recipient's administrative expenses related to the 911 Grant Program. The Notice of Funding Opportunity further states that this 10 percent may include administrative expenses to perform an assessment of the recipient's current 911 system, using the "NG911 Readiness Scorecard" produced by the FCC's Task Force on Optimal PSAP Architecture, which includes the ongoing activities necessary to develop, modify, and improve the framework for State and Tribal Organization NG911 governance, strategic planning, and coordination.

NG911 Readiness Scorecard is available here:

https://transition.fcc.gov/pshs/911/TFOPA/TFOPA_WG2_Supplemental_Report-120216.pdf.

Included in the Planning and Administration costs are personnel, fringe, and contractual costs to provide oversight and administration of the grant as well as costs associated with planning for NG911 deployment.

Operating Dual Legacy and NG911 Systems

Eligible costs under the 911 Grant Program include costs to operate the NG911 system as a dual-system to the current legacy 911 system until the legacy E-911 or 911 system is shut down, and the NG911 system is fully operational using only NG911 technology. Ineligible costs include costs to operate a legacy E-911 or 911 system at any time, or the NG911 system after it is fully and independently operational.

NG911 Grants for Kansas PSAPS

Subgrants of the Kansas 911 Coordinating Council's 2019 National 911 Grant

1 PROGRAM DESCRIPTION

The Kansas 911 Coordinating Council's (the Council's) recent efforts have focused on providing affordable, NG911 capable call handling to the Public Safety Answering Points (PSAPs) in Kansas, but many of them are operating on old or outdated equipment in other critical areas. Some of the systems needed to process NG911 calls can be very expensive and require large up-front expenditures of funds that are simply not available to many Kansas PSAPs, almost half of which operate on only \$60,000 per year in 911 fees. Most of that money is taken up by regular recurring costs like phone lines, utility bills, and maintenance fees. Building up the reserves to tackle a large expenditure can be burdensome in any PSAP and impossible in some. Many PSAPs in Kansas need NG911 compliant voice recorders, new or updated Computer Aided Dispatch (CAD) systems, updated computer hardware and broadband data infrastructure, or wish to start Emergency Medical Dispatch systems but cannot afford the implementation costs.

To address this need, the Council applied to the National Telecommunications and Information Administration (NTIA) and the National Highway Traffic Safety Administration (NHTSA)'s 911 Grant Program and received funding for a subgrant project that can provide PSAPs with the funds to help cover the costs of hardware, software, and training associated with the processing and dispatching of NG911 calls.

2 AWARD INFORMATION

2.1 PROJECT/AWARD PERIOD

The period of performance for each subgrant award begins on the date of the application approval by the Council's Grant Committee and ends on November 30, 2021. No extensions will be allowed. This deadline has been established to allow the Council to complete closeout reporting required by the 911 Grant Program before funding for the program at the federal level ends.

2.2 AWARD AMOUNT

Funding for this project is \$1,800,000. Individual subgrant award amounts shall not be less than \$6,000 and not more than \$300,000. These values represent the maximum and minimum grant-share of the total project cost and do not include the required matching funds.

In the 1st quarter of 2021, the Subgrant Committee may reduce the minimum grant award to allow for smaller projects, depending on the remaining total funds.

2.3 COST SHARING/MATCHING

By statute, the Federal share of the cost of any activity carried out under the grant program may not exceed 60% of eligible costs. For this program, subgrant recipients must provide at least 40% of the total eligible project costs in cash match. Funds from other Federal sources may not be used as matching funds. 911 fee funds may be used as matching funds.

2.4 OTHER

The 911 Grant Program prohibits all grant and subgrant recipients from diverting any portion of designated 911 charges. In Kansas, this means that subgrant awards and regularly collected 911 fees must be used as outlined in the Kansas 911 Act. Any subgrant recipient found to be using 911 fees outside of the allowable uses in the Kansas 911 Act will be required to reimburse to the Kansas 911 Coordinating Council all subgrant funds spent on the recipient's behalf.

3 ELIGIBILITY

3.1 ELIGIBLE APPLICANTS

3.1.1 Who Can Apply

Kansas PSAPs and Non-Traditional PSAPs as defined by the Kansas 911 Act may apply under this program.

3.1.2 Expenditure Reporting

Applicants must be up to date with all expenditure reporting requirements, including submission of invoices and response to any questions about expenditures from the Operations Committee.

3.2 ELIGIBLE COSTS

3.2.1 Total Project Costs

Projects must have a minimum total cost of \$10,000 to be considered (\$4,000 in local match and \$6,000 in grant award).

There is no maximum project cost, but the maximum award is \$300,000. The applicant will be required to pay the full difference.

In the 1st quarter of 2021, the Subgrant Committee may reduce the minimum grant award to allow for smaller projects, depending on the remaining total funds.

3.2.2 Timeframe

Subgrant awards and matching funds may be used to cover only eligible costs incurred by the subgrant recipient during the period of performance as defined in Section 2.1 of this document.

3.2.3 Eligible Costs

All project costs must meet the requirements of both the allowable uses of 911 Fees as set by the Kansas 911 Act and the eligible cost categories from the 911 Grant Program Notice of Funding Opportunity.

- Kansas 911 Act - All project costs to be paid with subgrant funds or counted as local match from the subgrant recipient must meet the allowable uses for 911 fees as set by the Kansas 911 Act.
- 911 Grant Program Eligible Cost Categories - Subgrant projects must fit in one of two eligible cost categories from the 911 Grant Program Notice of Funding Opportunity:
 - Costs to purchase hardware, software, and hosted services associated with enabling NG911 calls to be received, processed and dispatched.
 - Training costs directly related to NG911 implementation for public safety personnel.

3.2.4 Eligible Costs – Pre-Approved

The following costs have been determined to meet all eligibility requirements for subgrant funding

- Replacement, upgrade, or enhancement of voice recorders
- Replacement, upgrade, or enhancement of computer or network equipment for use solely by the PSAP
- Replacement, upgrade, or enhancement of Computer Aided Dispatch (CAD) software. If the software is licensed per user, the maximum number of users is equal to 1.5 times the number of full-time communications officers employed by the PSAP.
- Backup phone systems for use solely by the PSAP
- Implementation, replacement, upgrade, or enhancement of Emergency Dispatch protocol system like Emergency Medical Dispatch.
- Establishment, upgrade, or enhancement of IP networks needed to support the PSAP and their connection to emergency response organizations
- Any of the above items for use in establishing or maintaining Regional or Multi-PSAP backup centers
- One-time costs of implementing access to the Council's Hosted 911 system. This item applies to Non-traditional PSAPs only, as PSAPs that receive 911 fee disbursements do not pay these one-time costs as a result of the cost-share program with the Council.

3.2.5 Ineligible Costs

Ineligible costs include:

- Costs that are unallowable under the Cost Principles of the Uniform Administrative Requirements, and Audit Requirements for Federal Awards
- Costs to operate legacy E-911 or Basic 911 systems
- Costs to operate the NG911 system after it is fully operational
- Activities related to construction
- Subscriber radio equipment and/or maintenance
- Mass Notification systems
- Independent verification and validation (IV&V) testing for product, service, and system purchases

- Installation and procurement of 911 call handling equipment or ESInet services by PSAPs that receive fee disbursements, since this is already under a cost-share program with the Council's Hosted 911 system

3.2.6 Other projects

Other projects will be evaluated on a case-by-case basis as described in Section 5.

4 APPLICATION

Applications for this subgrant program will be accepted solely through the NG911 Web Portal.

4.1 APPLICATION TIMEFRAME

Applications will be accepted beginning on the publication date of this document and ending on June 30th, 2021 or when subgrant funds are exhausted, whichever comes first.

4.2 APPLICATION ELEMENTS

4.2.1 Designated Project Contact

The name and contact information for the person that will be the primary contact with the Council on the project.

4.2.2 Project Eligible Cost Category

Applicants will identify the eligible cost category under which they believe their project fits.

4.2.3 Project Description

Applicants will describe the project they are requesting funding for including a list and basic description of the items and services that will be part of the grant funded or matching fund expenses.

4.2.4 Project Benefit

Applicants will describe the benefit to the recipients that is anticipated with the completion of the proposed project.

4.2.5 Number of PSAPs Benefited

Applicants will describe the number and identity of PSAPs benefited by the proposed project.

4.2.6 Implementation Plan

Applicants will describe the plan for implementing the project at the PSAP or PSAPs involved including at a minimum the plan for training PSAP personnel and the intended date for project completion.

4.2.7 Budget

Applicants will provide a total project cost and upload project budget information detailing all proposed project costs. Vendor quotes can be provided in place of a custom budget document.

5 APPLICATION REVIEW

5.1 EVALUATION CRITERIA

5.1.1 All Applications

All applications will be reviewed for completeness, clarity, and compliance with program rules. Should an application be found to be missing information or require additional clarifying information, the Subgrant Committee will contact the applicant. The only other criteria for application approval are the availability of remaining subgrant funds and whether the project costs fit within the eligible costs.

5.1.2 Applications for Pre-Approved Eligible Costs Only

Applications for projects that include only costs from the pre-approved list in Section 3.2.4 will be approved as soon as all needed information is received.

5.1.3 Applications for Other Costs

Applications for projects that include costs not specifically called out in the pre-approved list in Section 3.2.4 will be evaluated by vote of the Kansas 911 Coordinating Council. The application will first be evaluated by the Subgrant Committee for compliance with the eligible costs as defined by the 911 Grant Program, the Kansas 911 Act, and this document. The Subgrant Committee will then prepare a short presentation and recommendation for the Council and request time on the next meeting's agenda for the vote. The applicant will be notified as soon as the meeting is added to the Council agenda.

6 AWARD DISBURSEMENT AND REPORTING PROCESS

6.1 SUBGRANT AWARDS

Subgrant recipients have two options for disbursement of the award: pass-through reimbursement and direct invoice payment.

6.1.1 Pass-Through Reimbursement

If the PSAP selects this type of award, the PSAP will pay all invoices directly to the vendors and submit the paid invoices to the Council for reimbursement. Once the 40% match is reached, the Council will submit the remaining paid invoices to the National 911 Office for reimbursement and pass the funds back to the PSAP as they are received.

Non-traditional PSAPs that receive subgrants must use Pass-Through Reimbursement due to statutory limitation on spending 911 fee funds.

6.1.2 Direct Invoice Payment

If the PSAP selects this type of award, the PSAP will pay all invoices directly to the vendors until they have paid at least the 40% match for the project. All other invoices will be submitted to the Council for payment. The Council will pay the invoices to the vendors directly and then submit them to the National 911 Office for reimbursement. The Council will retain the reimbursed funds.

The Direct Invoice Payment option is offered to allow PSAPs to engage in projects that are beyond their current reserve funds. Direct Invoice Payment is available only to PSAPs that receive 911 fee fund disbursements monthly and only for projects specifically outlined in Section 3.2.4 Eligible Costs – Pre-Approved. All other projects and all projects from non-traditional PSAPs must use Pass-Through Reimbursement as described in Section 6.1.1.

6.2 REPORTING

PSAPs that receive subgrants will be required to submit relevant invoices and report when the project is completed. Specific reporting requirements will be provided when PSAPs are notified of awards.



Kansas 911 Broadband Interoperability Committee Charter

Originated April 15, 2018 as *"Charter for PSI Subcommittee"*
Last revised December 6, 2018

Prepared by Michele Abbott, Broadband Committee
Prepared for Kansas 911 Coordinating Council



1 Introduction

Kansas established the 911 Coordinating Council ("Council") by statute in 2011. Since then, Kansas now provides 9-1-1 statewide using a hosted call handling service that is connected to the national AT&T ESInet™ (Emergency Services IP Network). Consequently, Kansas now uses the Next-Generation 9-1-1 (NG911) architecture.

With the advent of the FirstNet Public Safety Broadband network and other commercial carriers expanding broadband capabilities for **public safety communications**, it is imperative that the Council remain informed and evaluate the impact of interface with these broadband networks on the NG911 call handling solution. In parallel with the Council's interest, the Statewide Interoperability Advisory Committee (SIAC) is tasked with ensuring communications interoperability within and between land mobile radio and broadband communications technologies. To accomplish these joint interests, the public safety Broadband Interoperability Committee (BIC) is hereby created and tasked with monitoring, evaluating, and reporting on the impacts of FirstNet and other broadband safety networks on Kansas NG911 and communications interoperability.

2 Background

On August 15, 2017, then Governor of Kansas, Sam Brownback announced his decision to opt-in under AT&T's FirstNet wireless broadband network for first responders created by the First Responder Network Authority. Dick Heitschmidt, Chairman of the Council, commented, "There's a whole host of things that are going to happen once this system gets built out." The FirstNet buildout has started in Kansas. The AT&T point of contact for Kansas, Col. (Ret.) Chris Stratmann, FirstNet Client Solutions is supported by an extensive team of AT&T specialists responsible for the aggressive availability of FirstNet services.

Because NG911 and public safety broadband networks such as FirstNet are the fabric of public safety, the Council and SIAC hereby establish this charter to address and co-develop the interoperability and interfacing considerations that integrate these two fundamental components.

3 Authority

The BIC is created under the authority of K.S.A. 12-5364(c)(2)(g) and K.S.A. 65-5733(g)(1).

All recommendations made by the BIC will be approved by both the Council and the SIAC. Approved recommendations will be incorporated into the Kansas NG911 Operation Manual. This plan and subsequent changes to the plan, shall be reviewed and adopted by the Council and the SIAC prior to becoming effective.

The Council and SIAC have empowered the BIC with the authority to:

1. Consider legislative and regulatory efforts to improve emergency communications.
2. Develop appropriate policies, procedures, protocols, guidelines for the BIC for approval by the Council and SIAC.
3. Study seamless interoperability and innovation for interactive public safety communications.
4. Evaluate current and future issues of the BIC.
5. Investigate innovative approaches to mobile app interoperability and broadband-relevant databases.



6. Remain vigilant of the broadband implementation plan, deployment and operations.
7. Establish forums to discuss emerging components of public safety.
 - a. Operational aspects such as standard operating procedure, training
 - b. Technical aspects such as equipment, incident management, cybersecurity
8. Establish a relevant BIC Communication Plan (Section 8).
 - a. Federal: ensure compliance to standards without redundancy of effort
 - b. State: create awareness among public safety stakeholders
 - c. Local: educate jurisdictions such as PSAPs
9. Ensure interoperability training is adequate and satisfactory for PSAPs.
 - a. Initial and on-going classroom and webinars training
 - b. Field simulation exercises for on-the-job training and cross-training
10. Identify supportive grant funding and/or technical assistance for consideration

4 Purpose

NG911 and broadband safety networks complement each other. The intent of the SIAC and the Council is to ensure interoperability between NG911, public safety broadband networks, land mobile radio networks and other applicable public safety networks, thereby improving public safety communications. This is accomplished by ensuring the seamless exchange of information among the public, 9-1-1 centers (PSAPs) and first responders.

The Council and SIAC are tasked with and committed to enhancing public safety for Kansans. In this regard, the BIC addresses the interoperability concerns of our statewide NG911 with emerging broadband networks. This charter of the BIC is the first step in accomplishing the overarching goal of enhanced and optimum public safety for Kansans.

5 Scope

Since the BIC is the “9-1-1 Working Group” of the SIAC, the BIC will act as the conduit of communication between the Council and SIAC. The objectives of the BIC are:

- Chairperson of the BIC will work with the NG911 Administrator to facilitate the successful completion of the tasks of the committee.
- Develop policy and procedures for consideration and implementation addressing all areas of interoperability on industry best practices and identified needs related to interface of NG911, public safety broadband networks, land mobile radio networks, and other applicable public safety networks. The policies and procedures will include, but are not limited to, identification of common applications to be utilized in multi-jurisdictional response, security requirements for data exchange between networks, compliance with security policies and procedures and consequences of failing to comply.
- Provide for outreach and training related to the use of interoperable applications, security, and such other areas as may be appropriate to the PSAP and Responder Communities.
- Make recommendations to the Council and SIAC for any needed administrative regulations.
- Remain vigilant of FirstNet Public Safety Advisory Committee (PSAC) developments that may impact Kansas NG911 either directly or indirectly.

Actions, decisions, and policy provided by the BIC will be subject to review and approval at the discretion of the Council and the SIAC.

6 Applicable Documents and Standards

- Kansas 9-1-1 Act
- K.S.A. 65-5733, State interoperability advisory committee; organization; duties
- Kansas Statewide Communication Interoperability Plan (SCIP)
- Kansas Statewide Interoperable Communication System (KSICS) Plan
- Kansas 911 Work Plan and Budget
- Kansas 911 Strategic Plan

7 Organization

The BIC will consist of ten to fifteen members. The NG911 Administrator will support the committee as needed. The members will be subject matter experts in one or more of the following areas:

- PSAP operations and call handling security
- First Response operations and protocols for emergency situations
- Kansas APCO and Kansas NENA
- Existing and emerging technology such as wireless 4G/5G, IP-networking, Internet of Things
- Nuclear survivability with focus on Electro Magnetic Pulse (EMP) phenomena

The members of the BIC will serve at the pleasure of the Council Chair and SIAC Chair.

Decision making:

- Each member of the BIC has one vote to cast.
- If the voting member is unable to attend, he/she may appoint a voting proxy, from among the other members of the BIC. The voting proxy will cast the vote for the absent voting member.
- Simple majority rules. All decisions and recommendations approved by a simple majority will be considered a decision or recommendation of the committee.
- A two-thirds majority vote of the Council and the SIAC is required for charter amendments.
- A simple majority of voting members constitutes a quorum. A quorum is required to pass motions to be taken before the Council and SIAC. If a quorum is not achieved, votes will be tabled.
- All Meetings of the Committee will comply with Kansas Open Meetings Act (KOMA) requirements, including publishing notice of all meetings on the Public Square website.
- Documents produced by the Committee, except those related to security practices, will be subject to the Kansas Open Records Act (KORA).

8 Communication Plan

The BIC will meet as needed to create, update or amend the BIC Plan. Meetings may be conducted in person or via web conference or audio conference at the discretion of the BIC chairperson. Typical stakeholders include:

- PSAPs
- Non-traditional PSAPs (KHP, educational, tribal, other)
- First Responder Agency personnel
- Public Safety Broadband Network Service Providers



Both web-conference and face-to-face meetings shall be held at various locations convenient for most of the BIC:

- Workgroup Meetings – quarterly or as-required
- Briefings to Council – regularly scheduled Council meetings
- Briefings to SIAC – regularly scheduled SIAC meetings
- Briefing at Council Brainstorm and Strategic Planning meeting - annual

9 Training Plan

The BIC will develop training guidelines to establish and enhance NG911 and public safety communications interoperability (including broadband communications), best practices in dispatch centers and field response.

10 Budget

The Council will establish a budget to support Council members efforts on the BIC. Expenses incurred by Council members serving on the BIC in conducting their assigned tasks will be paid from the Operations Fund pursuant to K.S.A. 12-5364(c)(2)(i). Members of the BIC may receive reasonable reimbursement for meals and travel expenses, but shall serve without other compensation.

WBS	Activity	Estimated Cost
1	Direct costs	\$0.00
2	Indirect costs	\$0.00
3	Travel and Living	\$1,800.00
4	Other	\$0.00

11 Reporting to the Council

The Chairperson shall provide a report of activities of the BIC to the Council at each regularly scheduled meeting of the Council.

Approved by the Kansas 911 Coordinating Council on _____.

Approved by the SIAC on _____.

Dick Heitschmidt, Council Chairman

Jason Bryant, SIAC Chairman



NG911 Program Management Status

Prepared by Randall White, Program Manager
 Prepared for NG911 Coordinating Council
 Date from June 8, 2019 to August 10, 2019

Status and Accomplishments	Next Steps
Program JEOPARDY : none	
Program Escalation : none	
1.5 Local Collection Point Administrator (LCPA) On schedule, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> Advise TSPs of 911 Act fee changes Advise PSAPs of 911 Act revenue changes Updates to LCPA Manual and accounts per 911 Act change 	Kathy Becker , Non-profit Solutions Inc. (NSI) Contract PoP: Jan 1, 2019 thru Dec 31, 2020 <ul style="list-style-type: none"> 911 Federal Grant financial management plan
2.1 DASC Support On schedule, under budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> GIS Data Maintenance on track; NAS devices on track PSAPs operating off geoMSAG 	Ken Nelson , GIO (Ken/Eileen have details) Purchase Order expires Dec 31, 2020 <ul style="list-style-type: none"> Call handling map trade study: VESTA Local / RapidDeploy Buy-up program (on-going)
2.6 Dickinson County Support On schedule, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> ESInet MSAG and geospatial call routing on-going and exceptional both Kansas and influencing NG911 nation 	Sherry Massey , GIS Director and Specialist (Sherry has details) Contract PoP: Jan 1, 2017 thru Dec 31, 2019 <ul style="list-style-type: none"> 911 Federal Grant Readiness: Project-1, Project-2 Call handling map trade study: VESTA Local / RapidDeploy
3.1 Program Management On schedule, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> RFP for Legal Services awarded Kennyhertz Perry, LLC Work Plan and Budget for 2019 	Randall White Consulting LLC Contract PoP: Jan1, 2019 thru Dec 31, 2020 (2, 1-yr renewals) <ul style="list-style-type: none"> RapidDeploy Plans: Implement, Comm, IcM... Manage action item register
3.4 Infrastructure – Call Handling delays Schedule slip 2 mo's, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> 96 PSAP (92%) Service Order Requests (SORs) 92 PSAPs on hosted solution (88%) plus Yoder Test Facility 89 PSAPs on ESInet (86%) 	AT&T : Motorola-Airbus DS; WEST-ECaTS (Scott has details) Contract PoP: Feb 5, 2015 to Sep 14, 2021 option for 2 x 2-yr <ul style="list-style-type: none"> Day-2 support / incident management updates Motorola VESTA R7.2 upgrade Infrastructure Security Audit review follow-up items
3.5 Implement' Tech. Support Specialist On schedule, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> ESInet migrations PSAP consults and design 	Phillip Ryan , Pryan LLC (Phill has details) Contract PoP: Jan1, 2019 thru Dec 31, 2020 (2, 1-yr renewals) <ul style="list-style-type: none"> Motorola VESTA R7.2 Test & Eval RapidDeploy situational mapping awareness Plans
4.3 Kansas 911 Knowledge Center On schedule, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> Positive Return On Investment (ROI) analysis 	NEOGOV/FirstNet Learning Inc. (Lori Alexander has details) Contract PoP: Sep 15, 2016 to Dec 31, 2019 with 5-year option <ul style="list-style-type: none"> Training Committee investigating alternatives "LEARN"
NG911 Broadband Interoperability (<i>formerly "FirstNet"</i>) <ul style="list-style-type: none"> Draft charter taken to SIAC; issues with "authority" 	Michele Abbott , State Interop Advisory Committee (SIAC) <ul style="list-style-type: none"> Finalize SIAC-Council Charter; define next steps

NOTE: Projects that are complete and contracts that are closed are no longer shown in this PM Status Report.



NG-911 (<https://urgentcomm.com/type/ng-911/>)



NEWS

Kansas 911 organization selects AT&T, RapidDeploy to shift key PSAP solutions to the cloud

Written by Donny Jackson (<https://urgentcomm.com/author/donald-jackson/>) 10th August 2019

Most public-safety answering points in Kansas are expected to process 911 calls with the help RapidDeploy's the cloud-native Nimbus computer-aided-dispatch (CAD) system that will be deployed through an AT&T contract with the Kansas 911 Coordinating Council.

This marks the latest initiative by the Kansas 911 Coordinating Council to migrate PSAPs in the state to a next-generation 911 (NG911) architecture. In 2017, the Kansas 911 Coordinating Council became the first to contract with AT&T to build a statewide ESInet, the IP-network foundation for an NG911 system.

Similarly, Kansas now is the first state to announce that it will move the CAD operations in its member PSAPs—more than 80% of all PSAPs in the state, according to a press release—to the cloud, according to Scott Ekberg, director of the Kansas 911 Coordinating Council.

"When someone calls 911, it typically means something has gone terribly wrong," Ekberg said in a prepared statement. "The caller—whether for themselves, a loved one or a stranger—can't always articulate their location or vital details of the situation. That's why we lean on technology to help us operate at our best and deliver the potentially life-saving services Kansans count on.

"We've long been a leader in NextGen 911 deployments, and we're proud to be the first, major system to move our 911 solutions to

the cloud. Our continued work with AT&T and the addition of the RapidDeploy Nimbus platform will further our ability to better serve Kansas residents should they ever need to call for help.”

For RapidDeploy, the Kansas announcement is the latest in a remarkable rise for the startup, which only introduced its cloud-based CAD system to the U.S. market two years ago.

RapidDeploy previously announced a two-year deal worth more than \$6 million with the California Governor’s Office of Emergency Services 911 Emergency Communications Branch (Cal OES), but that arrangement is focused on mapping and analytics services. In contrast, the Kansas contract will represent the first large deployment of the cloud-based Nimbus CAD system announced to date in the U.S., according to RapidDeploy CEO Steve Raucher.

“This is really the blueprint of what we imagine NG911 will look like at a state level,” Raucher said during an interview with *IWCE’s Urgent Communications*. “Kansas has an incredibly future-forward infrastructure, and the last piece of that infrastructure—to put it all together—is obviously hosted CAD and mapping.”

AT&T echoed that sentiment.

“We applaud the Kansas 911 Coordinating Council for its ongoing dedication to deliver an outstanding emergency response experience,” Stacy Schwartz, vice president for AT&T Public Safety & FirstNet, said in a prepared statement. “We’re proud to continue to evolve public-safety technology to help provide better information and enable enhanced decision-making among everyone involved in the public-safety process.

“Working with RapidDeploy, we’re helping unify critical 911 functions to boost speed, security and reliability between 911 call takers, dispatchers and first responders – all for the benefit of those they work tirelessly to help keep safe.”

RapidDeploy’s Raucher said that the first phase of the deployment—rolling out his company’s Radius tactical mapping platform, as well as support for two-way text and video—in 98 PSAPs across Kansas is scheduled to be completed early next year and will include the installation of the only hardware necessary to implement the RapidDeploy solutions. Raucher declined to provide a timeline for the Nimbus CAD deployment in Kansas but noted that the upgrade does not require a visit to the 911 centers, because the hardware already will be installed. This kind of flexibility is very different than the upgrade process of many legacy 911 solutions today, he said.

“What we’ve seen from our competitors is an average project time of 18 months to two years per PSAP,” Raucher said. “We’ve seen between nine months and 12 months for mapping projects. And it’s not uncommon to see the installation engineers walking around the PSAP with a floppy disk, installing the latest software on each machine.”

With a cloud-based solution like RapidDeploy, upgrades to the system can be made regularly with minimal disruption to operations in a PSAP. While such advantage to a cloud-based architecture have been utilized in enterprises for years, public safety has been slower to make the shift to the cloud, because of the risk that connectivity to the cloud could be lost and create downtime for the PSAP for a period of time.

By partnering with AT&T and Microsoft, RapidDeploy believes it has addressed such connectivity concerns, Raucher said.

“The problem that’s been holding public safety back—apart from the vendor community not having engineering solutions for the cloud—was obviously the connectivity piece, which was one of the reasons that we partnered with a great partner like AT&T,” Raucher said.

“AT&T has not only provided this ESInet solution statewide across Kansas, but it’s also providing the AT&T NetBond connection between the ESInet and the Microsoft Azure [Government] data center—that is an absolutely hardened, piece of private pipe from Microsoft’s data centers to AT&T’s core, through the core and out to the ESInet, giving five-9 connectivity from the PSAP directly into the data centers in the back end.”

In addition, this connectivity package is backed up by the LTE-based FirstNet system being deployed by AT&T, which represents a technological upgrade in comparison to the 3G wireless connections in Africa that RapidDeploy CAD technology originally was

designed to leverage, Raucher said.

“Our entire platform is designed to run over 3G, let alone LTE,” he said. “If you look at who our solution partners are in this solution for Kansas, AT&T is bringing ESInet, it’s bringing NetBond into the Microsoft Azure [Government] data center, it’s bringing FirstNet out to responders in the field—and all of these are public-safety-grade solutions.

“I think that being able to be the final piece that sits in the middle of this is a very exciting prospect for RapidDeploy. Kudos to our solutions partners for giving us the toolset to be able to deliver an end-to-end public-safety solution.”


Raucher said he believes the Kansas announcement is indicative of a trend within the 911 industry and the public-safety community to embrace cloud-based solutions.

“We really are delivering a complete, future-proof platform for Kansas,” he said. “We’re again pushing the envelope and showing what can be done statewide ... I think it’s an incredibly powerful message that being sent to the rest of the 911 authorities around America as everybody’s gearing up for 911 and what that means. What is achievable in a relatively short timeframe would have only been a dream—or a five-year project—even a few years ago

“We’re really, really proud to be a part of the story of the evolving face of NG911 in America.”


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Kansas Deploys Cloud-Based 9-1-1 Dispatch System from AT&T

Thursday, August 08, 2019 | Comments

The Kansas 9-1-1 Coordinating Council is working with AT&T to deploy a cloud-based mapping and situational awareness solution powered by RapidDeploy.



The new solution includes RapidDeploy's Nimbus platform, a cloud-aided dispatch system that gives first responders access to enhanced location accuracy tools, pictures and videos; text translations; and live data feeds for natural disasters. The information can help lead to more precise information about an incident and more accurate caller locations.

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"When someone calls 9-1-1, it typically means something has gone terribly wrong," said Scott Ekberg, Director, Kansas 911 Coordinating Council.

"The caller — whether for themselves, a loved one or a stranger — can't always articulate their location or vital details of the situation. That's why we lean on technology to help us operate at our best and deliver the potentially life-saving services Kansans count on.

"We've long been a leader in next-generation 9-1-1 (NG 9-1-1) deployments, and we're proud to be the first, major system to move our 9-1-1 solutions to the cloud. Our continued work with AT&T and the addition of the RapidDeploy Nimbus platform will further our ability to better serve Kansas residents should they ever need to call for help."

The RapidDeploy platform is hosted in the cloud on Microsoft Azure Government and accessed through a browser. Azure Government employs security and compliance services critical to the U.S. government for all systems and applications built on its architecture. Using AT&T virtual private network (VPN), Kansas 9-1-1 centers can access the solution through AT&T NetBond for Cloud, enabling a secure connection to transfer data between the call routing platform and RapidDeploy.

First responders can also connect to the solution through a web browser using the First Responder Network Authority (FirstNet). Having access to information in Nimbus gives first responders the ability to see what the dispatcher sees so that they can better serve the public.

The Kansas 9-1-1 Coordinating Council also developed a statewide geographical information system (GIS) dataset to develop mapping technology at the local, regional and statewide levels for use with the platform. The tactical mapping system combined with the situational awareness tools and the previously deployed AT&T hosted call handling system and AT&T emergency services IP network (ESInet) call-routing system all help speed emergency response and increase reliability among 9-1-1 centers, dispatchers and first responders.

AT&T will deploy the platform at more than 80% of 9-1-1 centers in the state. The first phase of the deployment is expected to be complete in early 2020.

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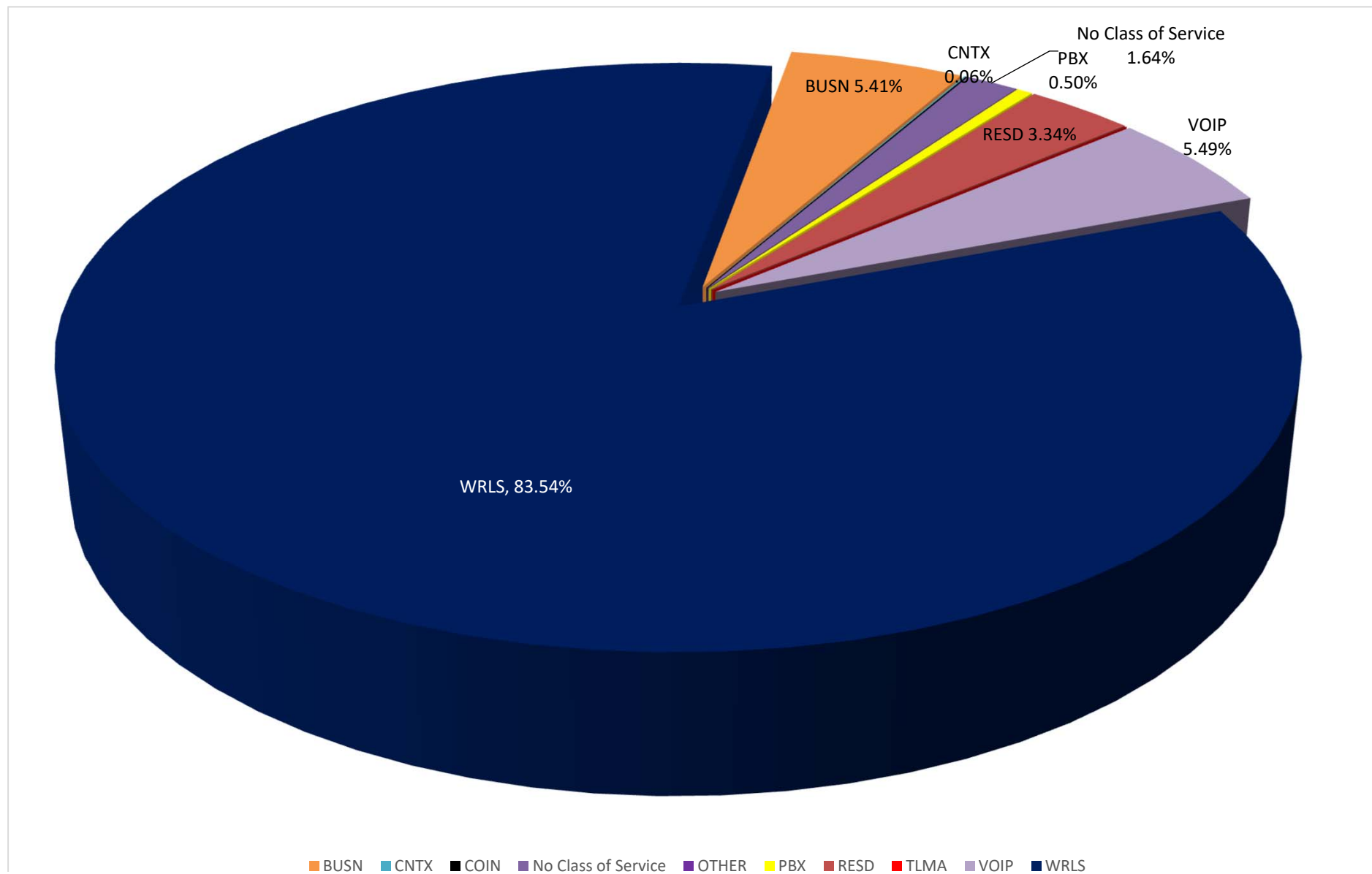


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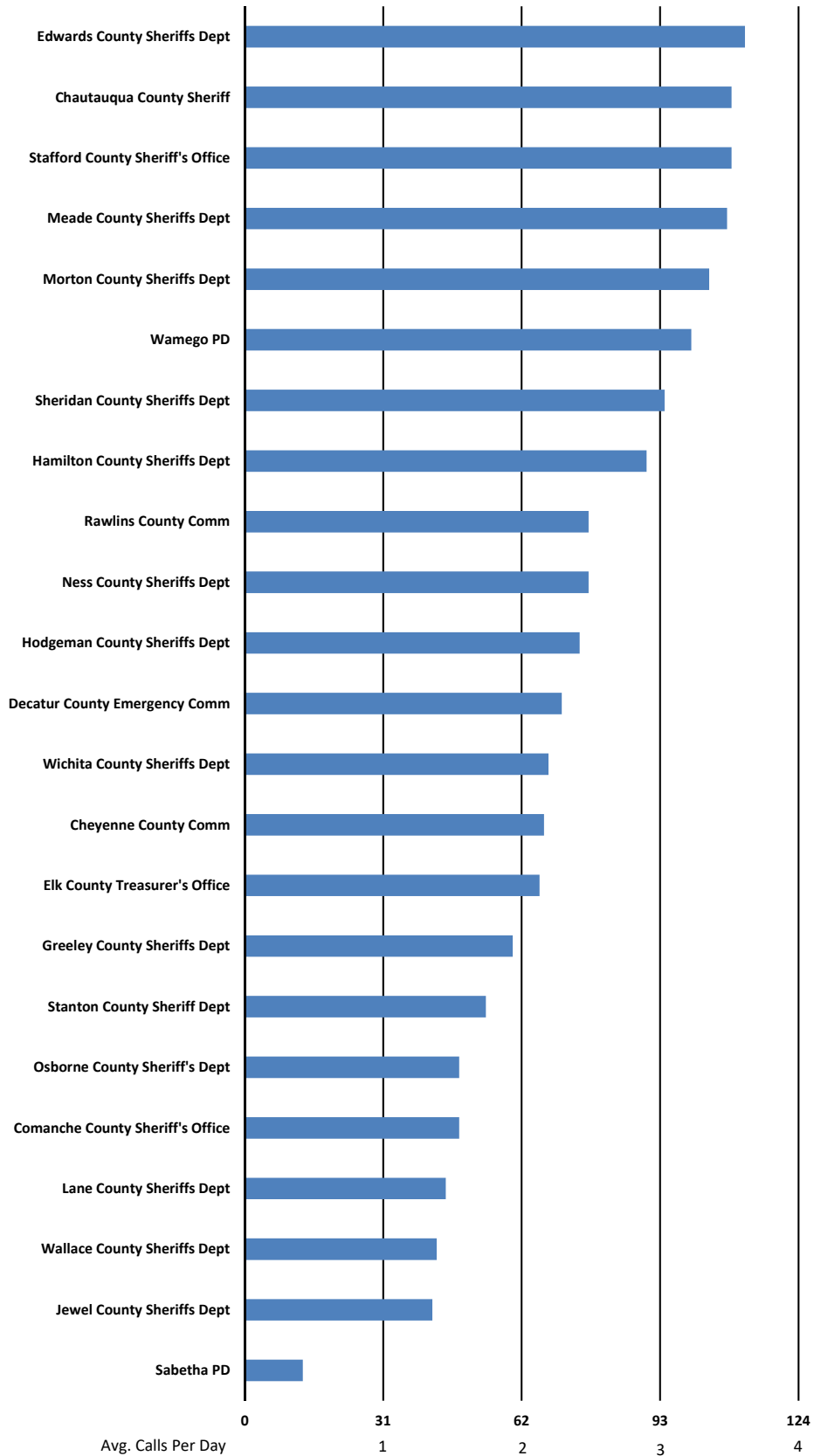
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911 CALLS BY CLASS OF SERVICE - July, 2019

97,313 Total Calls Received

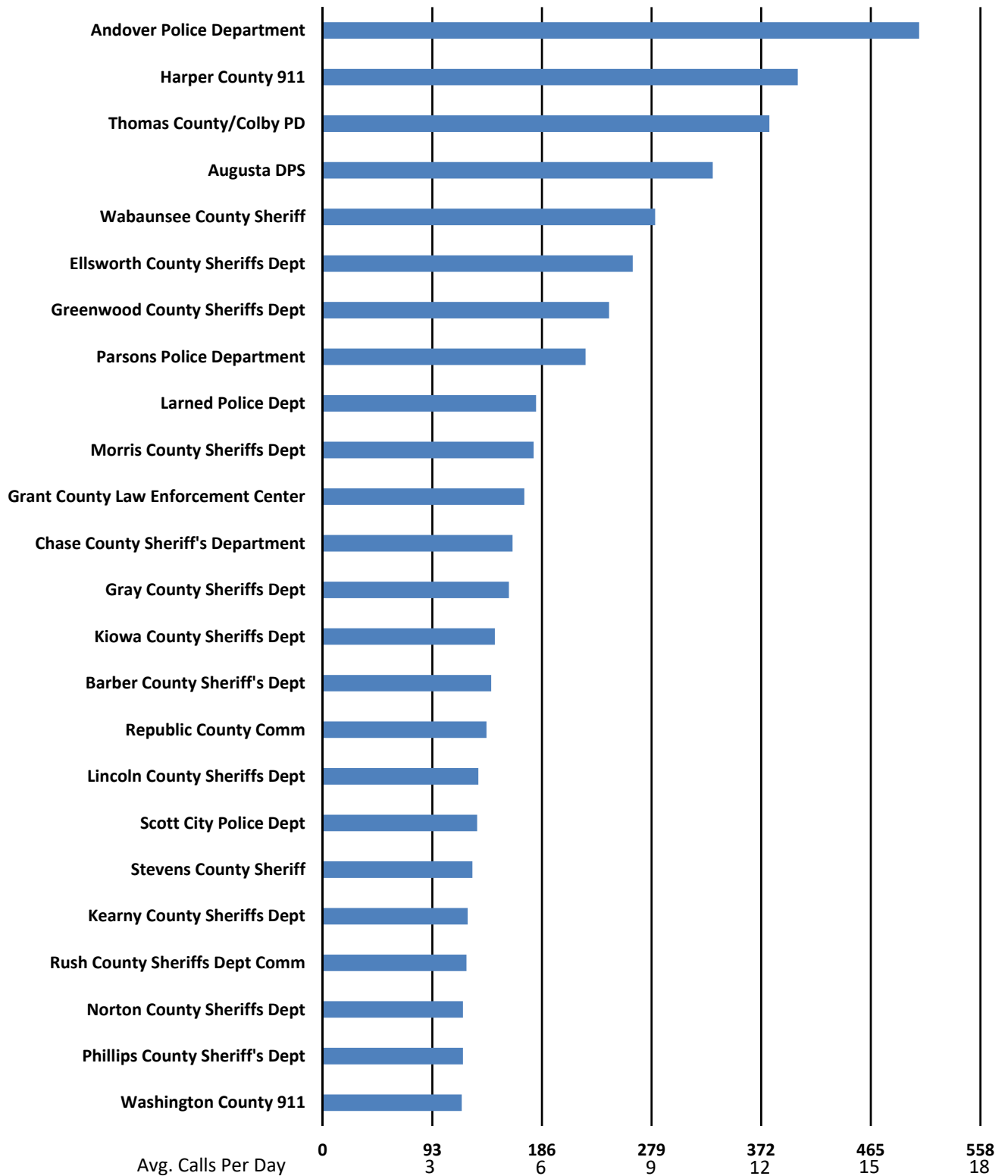


911 Call Volumes - June, 2019

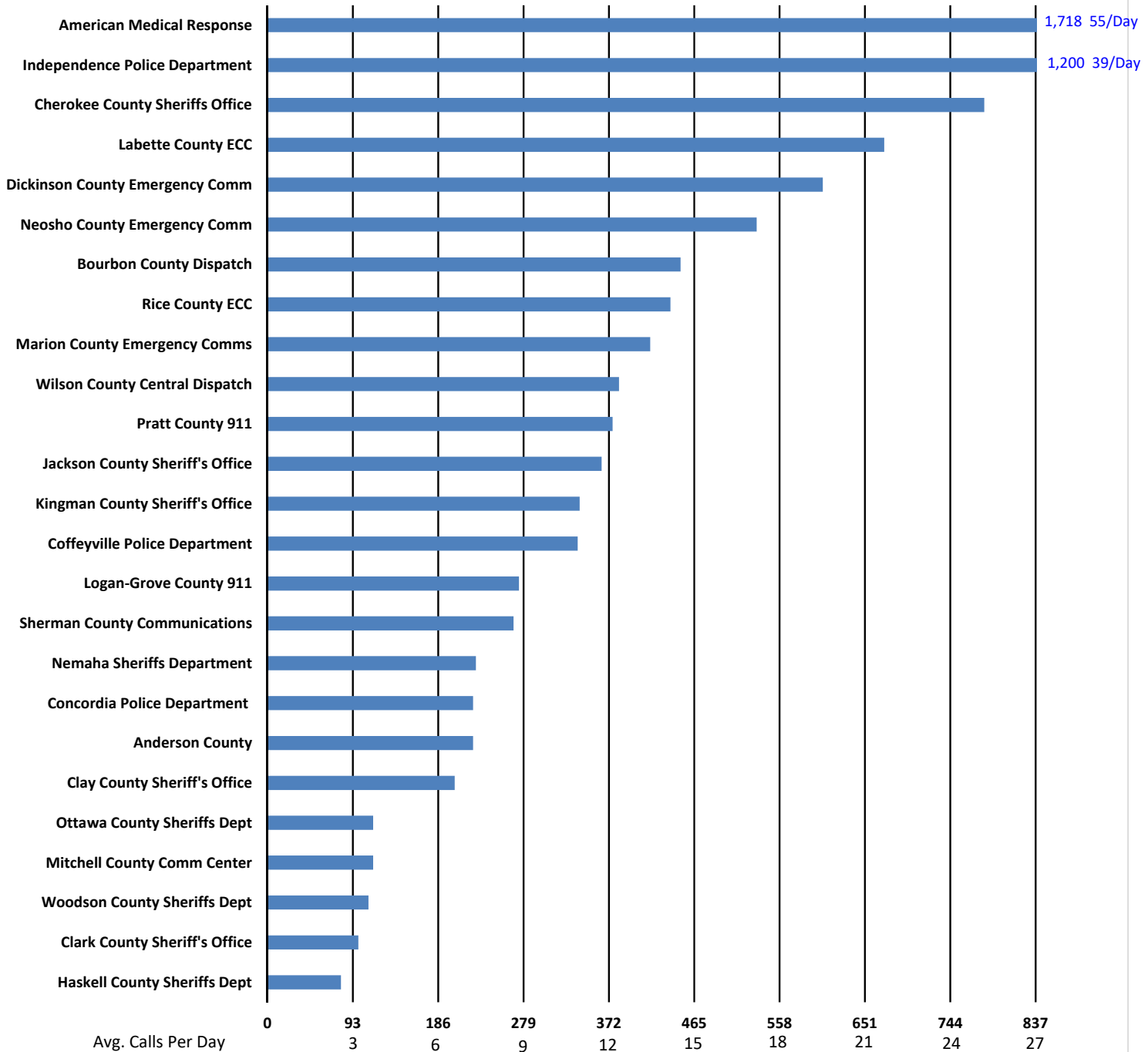


PSAPS - 1 Seat
Higher Volume

911 Call Volumes - June, 2019

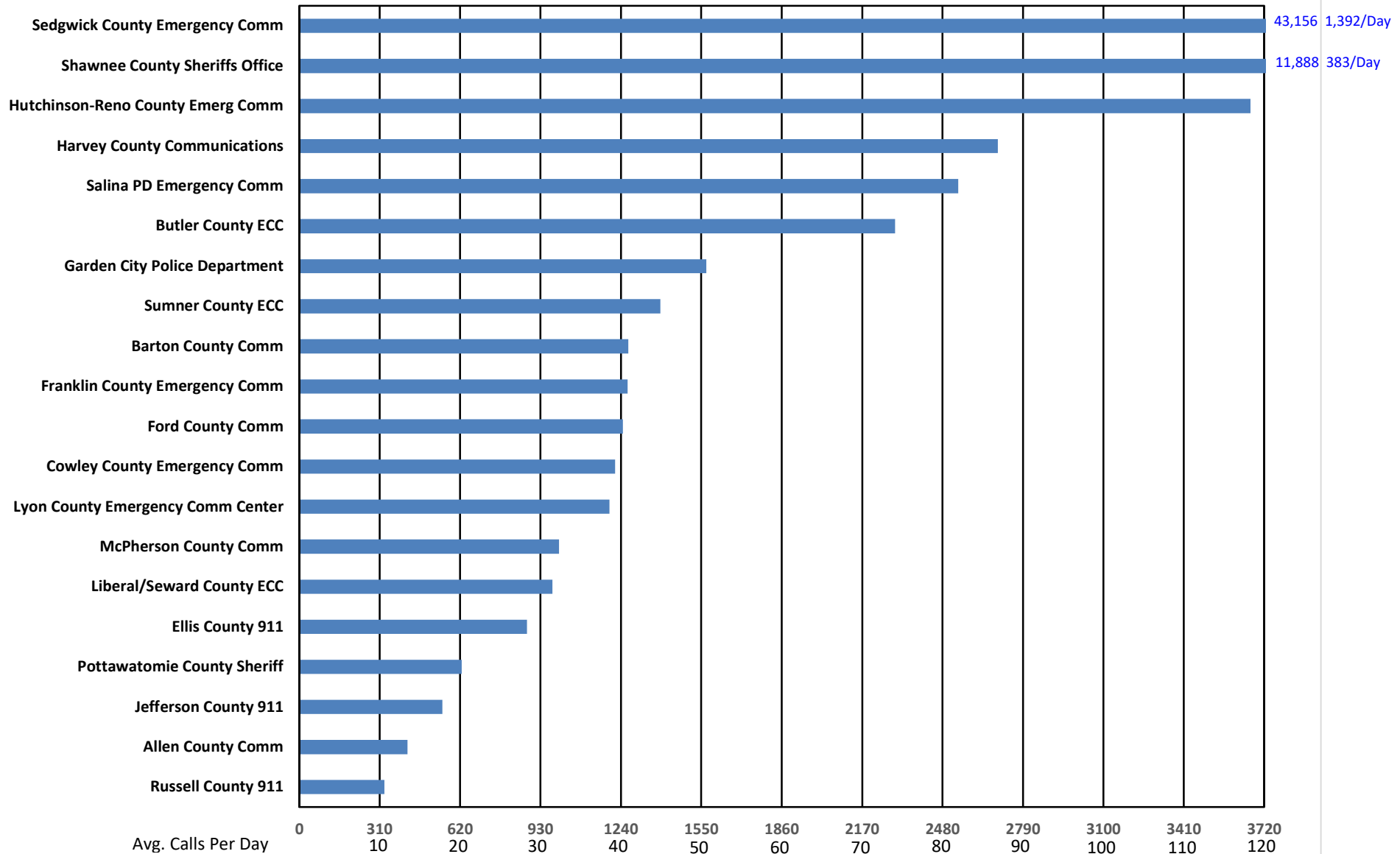


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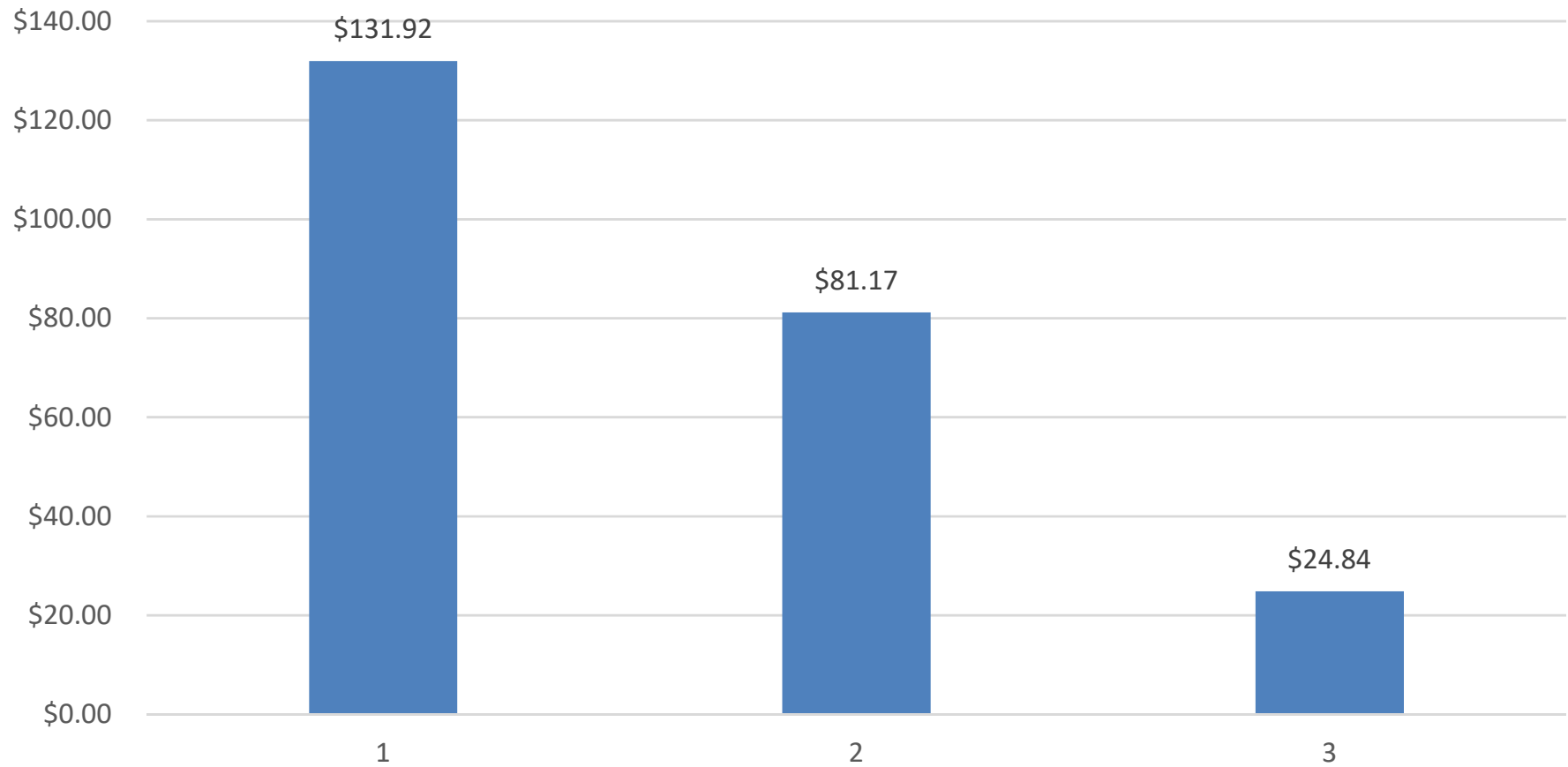


PSAPS 3+ Seats

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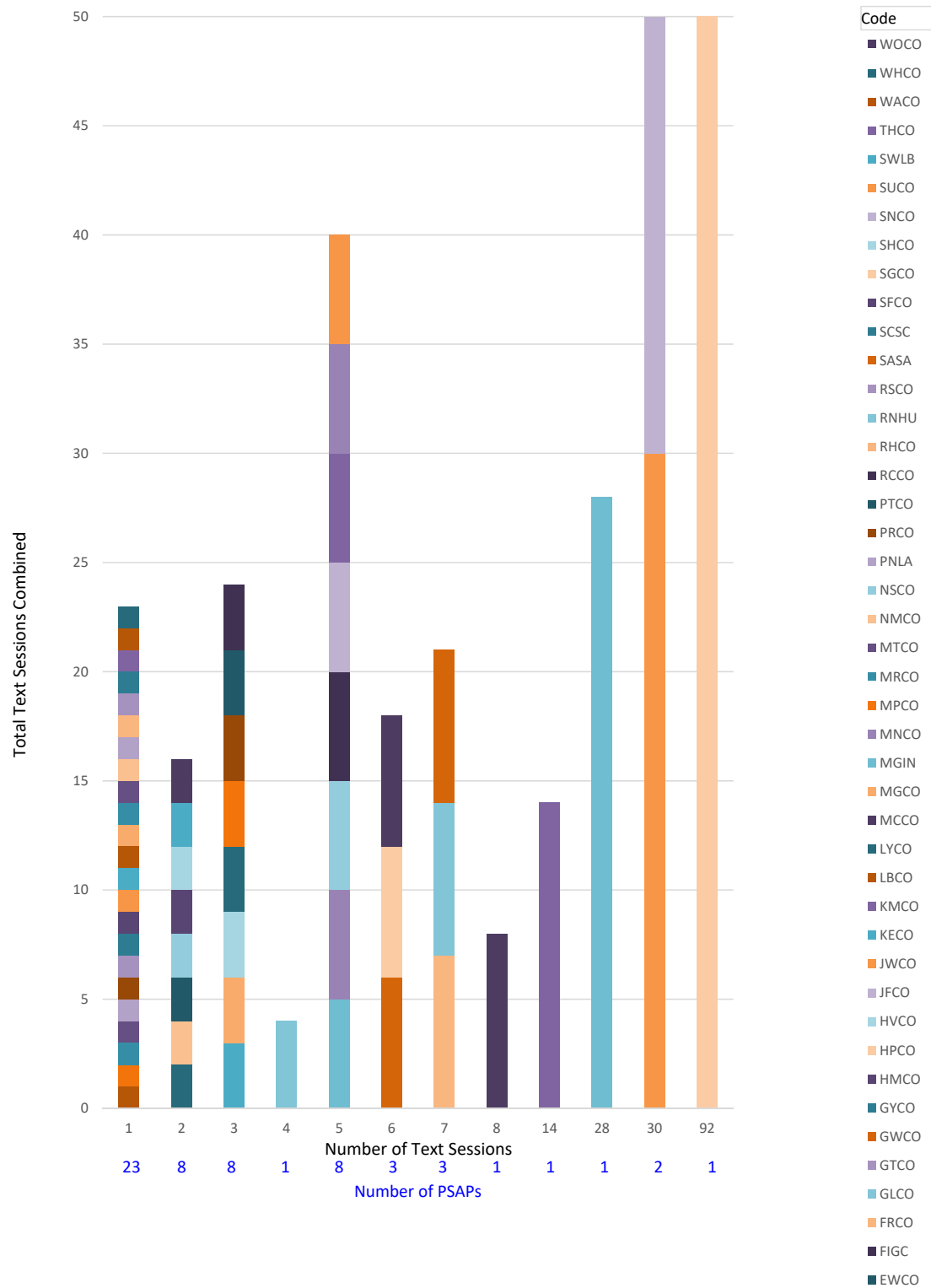


Avg. Cost Per Call by # of Seats - July, 2019



348 Total Text Sessions 11.2/Day

Total Text Sessions - July, 2019

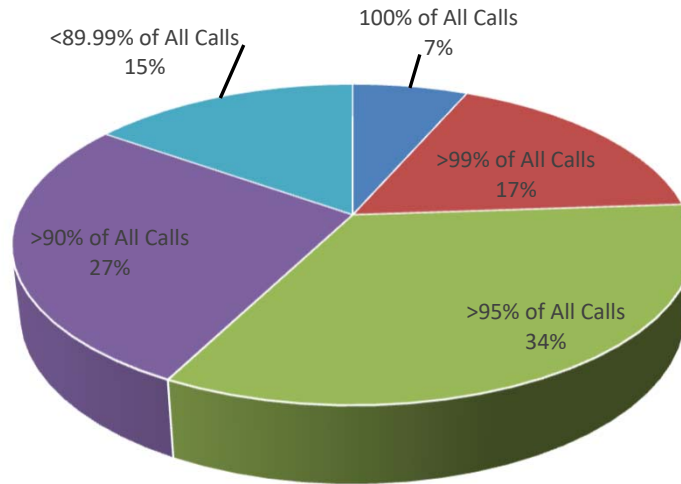


Text Sessions

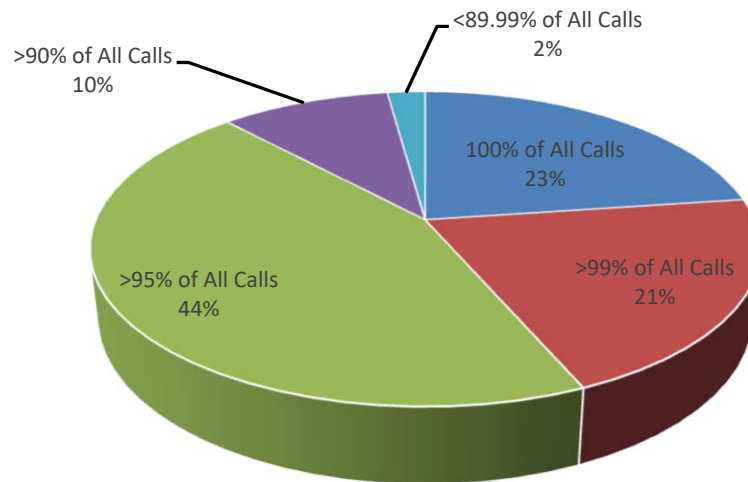
% of All PSAPs Answering Within Given Time - July, 2019

NENA Standard: 95% of all 9-1-1 calls arriving SHALL be answered within fifteen (15) seconds.
99% of all 9-1-1 calls arriving SHOULD be answered within forty (40) seconds.

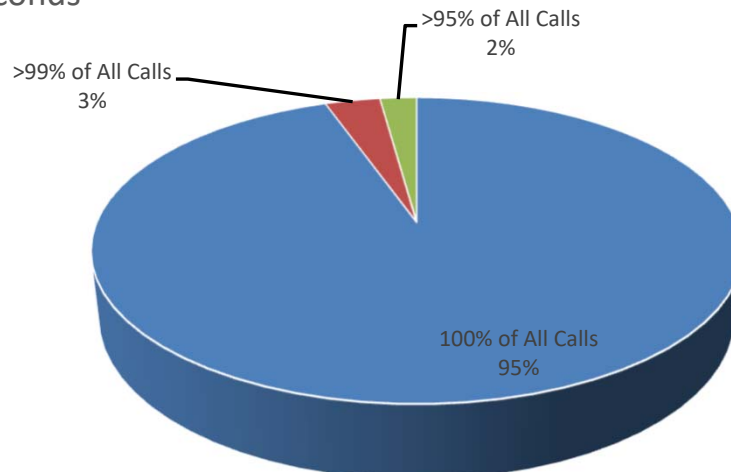
≤ 10 Seconds



≤ 15 Seconds



≤ 40 Seconds



of Calls Answered Within Given Time - July, 2019

