



ANNUAL REPORT OF THE TENNESSEE EMERGENCY COMMUNICATIONS BOARD

Fiscal Year 2017

Pursuant to Tenn. Code Ann. §§ 7-86-128(b)(3)¹ and 7-86-315,² the Tennessee Emergency Communications Board (“Board” or “TECB”) hereby submits its annual report to the Governor, Speakers of the General Assembly and the Senate and House Finance, Ways and Means Committees. This annual report covers the Board’s activities from July 1, 2016 through June 30, 2017.

¹ Tenn. Code Ann. § 7-86-128(b)(3) states in pertinent part:

The board shall report annually to the finance, ways and means committees of the senate and house of representatives on the financial status and solvency of emergency communications districts, status of the implementation of a uniform statewide 911 system and the status, level and solvency of the 911 Emergency Communications Fund.

² Tenn. Code Ann. § 7-86-315 states:

The board shall report annually to the governor and the speakers of the general assembly on the activities of the board for the preceding year. The board shall receive and consider from any source whatsoever, whether private or governmental, suggestions for amendments to this chapter.

Statement of the Chairwoman

On behalf of the members of the Tennessee Emergency Communications Board and staff, I am pleased to present you with the Board's annual report for fiscal year 2017.

Again this year, the Emergency Communications Board invested in the overall enhancement of the service level for 911 callers throughout Tennessee. This investment was accomplished by additional training and education for the 911 professionals who process these calls for service on a daily basis. The Board coordinated with the National Emergency Number Association ("NENA") to provide the following educational opportunities: Cyber Security Training, Tactical Dispatch Training, Disability Awareness, Center Training Officer, Center Supervisor, and Addressing Training. These educational offerings provided a high level of knowledge and resources for the attendees that enhanced the way they provide service to our citizens and responders. This training was offered to each of the 142 Public Safety Answering Points ("PSAP") across each region of the state making it one of the largest educational offerings targeted to 911 professionals in history.

The Board and staff members continue to lead the way in the Next Generation 911 advancements ("NG911"). The Next Generation Project will ensure faster delivery of information between communications districts, enhance interoperability, allow for photos and videos to be sent, and improve call delivery to all 911 centers in the state. The commitment to be on the forefront of the most advanced technology and systems is evident by the awards presented to the Emergency Communications Board during this year. Those awards included the following:

- 2017 NG 9-1-1 Institute Outstanding Program
- 2017 911 Education Foundation Leading the Way Award
- 2016 ESRI Special Achievement Award in Geographic Information Systems

At the end of the fiscal year, 99 of Tennessee's 142 public safety answering points ("PSAPS"), along with all wireless carriers operating in the state, were live on the NG911 network. There are approximately 275,000 NG911 calls each month traveling across the network. There are very few misroutes or outages reported and all are investigated and corrected accordingly.

As always, the financial integrity of the one hundred emergency communications districts across Tennessee continues to be one of the highest priorities. The Board and staff have worked throughout the year with districts on financial matters; and the Board is pleased to report that there are no financially distressed districts pursuant to Tenn. Code Ann. § 7-86-304(d).

In closing, I would like to express sincere gratitude for each Board member and staff member for the Tennessee Emergency Communications Board along with each 911 Professional that are the "First First Responders" across our great state. These fine men and women put forth the effort and dedication necessary to ensure that Tennessee remains a leader in providing the highest level of quality service to our citizens and visitors. The work is often difficult; however, the rewards are many. Thank you for partnering with us in this endeavor.

Respectfully,
Jennifer Estes

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Introduction

The Tennessee Emergency Communications Board (“TECB”), a division of the Department of Commerce and Insurance, was created “for the purpose of assisting emergency communications district boards of directors in the area of management, operations, and accountability, and establishing emergency communications for all citizens of the state.”¹ The Board is funded through a monthly 911 surcharge on communications services capable of connecting to 911.²

The Board exercises financial and operational oversight over the State’s one-hundred emergency communications districts (“ECDs”), which are statutorily created municipalities responsible for administering and facilitating local 911 call taking and dispatching services.³ The Board is also charged with establishing technical, operational, and dispatcher training standards.⁴

The Board works on the local, state and federal levels to facilitate the technical, financial and operational advancement of Tennessee’s 911 system and its ECDs. As part of this advancement, the Board is currently engaged in a revolutionary project to modernize the State’s aging 911 infrastructure, converting it from analog to digital. This Next Generation 911 project involves the construction and management of a statewide internet protocol platform that will vastly improve 911 call delivery, provide additional layers of redundancy, and enhance interoperability between ECDs. The Board’s progress on this project makes Tennessee one of the nation’s leaders in 911.

¹ See Tenn. Code Ann. § 7-86-302(a).

² See Tenn. Code Ann. §§ 7-86-128(a)(2) & 7-86-303(d).

³ See Tenn. Code Ann. §§ 7-86-106, 7-86-302(a), 7-86-306(a)(11).

⁴ See Tenn. Code Ann. §§ 7-86-205, 7-86-306(a)(10)&(11).

TENNESSEE EMERGENCY COMMUNICATIONS BOARD

Members

Jennifer Estes
Chairwoman
Director, Loudon County ECD

Jimmy Turnbow
Vice Chairman
Director, Wayne County ECD

Vacant
Public Citizen

Greg Cothron
Comptroller of the Treasury
Designee

Bob McNeill
Director, Washington County ECD

Hon. Jill Holland
Mayor, City of McKenzie

Mike Hooks
Director, Roane County ECD

Marvin Kelley
Director, McMinn County 911

James Sneed
County Commissioner, Tipton County

STAFF

Curtis S. Sutton
Executive Director

Benjamin Glover
General Counsel

James Barnes
Fiscal Director

Eddie Burchell
Chief, E911 Technical Service

Amber McDonald
Director of Government &
External Affairs

Robert McLeod
Director of Audit

Barbara Shank
Administrative Service Assistant 3

Vanessa Williams
Executive Assistant

Operations Advisory Committee

The TECB's Operations Advisory Committee provides technical and operational recommendations to the Board. Its members include:

John Allman, Director, Brentwood ECD
Jeff Carney, Director of Operations, Hamilton County ECD
Allen Bull, Director, Knox County ECD
Chuck Haston, Director, Warren County ECD
J.R. Kelley, Former Director, Wilson County ECD
Carolann Mason, Director, Fayette County ECD
Eric Ritzman, Director, Cumberland County ECD
Susan Mitchell, Former Assistant Director, Maury County ECD
Jimmy Peoples, Former Director, Hamblen County ECD
Virginia Smelser, Director, Bristol ECD

Policy Advisory Committee

The TECB's Policy Advisory Committee advises the TECB on policy matters, particularly issues impacting both 911 and other governmental agencies, as well as issues arising during legislative sessions. Committee members are selected to reflect a balance of interests, locations and demographics, and include representatives of ECDs of various sizes and locations, county and municipal governments, and representatives from the associations of Police & Fire Chiefs and Sheriffs, as well as EMA. During fiscal year 2017, its members included:

Wayne Anderson, Sheriff, Sullivan County
Ike Lowry, Former Director, Sullivan County, ECD
Brian Biggs, Assistant Fire Chief, Ashland City Fire Dept.
Johnny Cheatwood, Director, Lawrence County ECD
Raymond Chiozza, Director, Shelby County ECD
Glenn Chrisman, Chief, Murfreesboro Police Dept.
Justin Crowther, Director, Jefferson County ECD,
Jamison Peevyhouse, Director, Weakley County ECD
Chris Masiongale, Director, Overton-Pickett County ECD
Dale Blevins, Director, Carter County ECD
Stacy Rhodes, Director, Tennessee Association of Rescue Squads
John Stuermer, Director, Hamilton County ECD

Technical Advisory Committee

Pursuant to Tenn. Code Ann. § 7-86-308, a Technical Advisory Committee composed of representatives of 911 service suppliers and non-wireline service providers is appointed for the purpose of providing and receiving operational and technical information and advice on all aspects of wireless enhanced 911 service. Members during fiscal year 2017 were:

Angel Arocho, Comcast
Sam Bard, TCS
Don Jones, Frontier
Allan Muse, AT&T
Susan Sherwood, Verizon

Training Advisory Committee

During FY2016, the Board formed a Training Advisory Committee for the purpose of reviewing the state's telecommunicator/dispatcher training requirements promulgated pursuant to Tenn. Code Ann. § 7-86-205 and to make recommendations to ensure these requirements provide Tennesseans with the highest level of 911 service. The committee is comprised of ECD directors, training coordinators and other individuals representing fire, EMS and law enforcement. The members of this newly formed committee during fiscal year 2017 were:

Virginia Smelser, Director, Bristol ECD
Tami Chamberlain, Training Coordinator, Hamilton County ECD
Sherri Hanna, Director, Obion County ECD
Jamison Peevyhouse, Director, Weakley County ECD
Lisa Fulton, Training Coordinator, Metro Nashville ECC
Roger Hawks, Director, Fire & Codes Academy
Dennis Rowe, Director, Director, Priority Ambulance Service
Mike Walker, Police Chief, La Vergne
Eddie Farris, Sheriff, Putnam County

The 911 Emergency Communications Fund

The 911 Emergency Communications Fund is a separate fund of deposits in the state treasury comprised of 911 surcharges collected by the Board and interest accumulated on those deposits.⁵ The 911 surcharge is the Board's sole recurring revenue source. It is levied on communications services that are capable of contacting a public service answering point ("PSAP") by entering or dialing the digits 911.

Disbursements from the fund are limited solely to the operational and administrative expenses of the board. Authorized operational and administrative expenditures include distributing a statutorily-determined amount of base funding to each ECD, implementing and maintaining an IP-based next generation 911 network, and funding the Tennessee Regulatory Authority for the Tennessee Relay Services/Telecommunications Devices Access Program ("TRS/TDAP"), which provides assistance to those Tennesseans whose disabilities interfere with their use of communications services and technologies.

During fiscal year 2017, a total of \$101,897,729 was collected from the 911 surcharge, including \$311,777 in interest. The Board had total expenditures of approximately \$116.8 million for the fiscal year. Payments to ECDs totaled \$101.6 million, constituting 99.7% of the total revenues collected and 87% of the total expenditures. Payments to ECDs included \$87.7 million for statutory distributions and \$13.9 million for non-recurring support programs. Payments to individual districts are identified in Exhibit D.

The Board paid less than \$41,000 in cost recovery to carriers to operate, maintain or enhance the State's 911 network. Approximately \$11.4 million was expended for NG911 with \$580,000 of this paid to ECDs. Approximately \$3.2 million was expended for administration, including contracts with technical consultants and training. The Funding Modernization Act also requires the Board to reimburse the TRA for the Tennessee Relay Services/Telecommunications Devices Access Program. The Board reimbursed the TRA almost \$1.2 million for these services and programs.

The 911 Funding Modernization and IP Transition Act of 2014 requires the Board to annually distribute to each ECD a base amount equal to the average total recurring annual revenue the ECD received for fiscal years 2010 through 2012.⁶ The Act guarantees no ECD will receive less than the total amount it received in fiscal year 2012.

Pursuant to the Act, the Board promulgated a Base Funding Increase Rule during fiscal year 2016 to ensure ECDs with a locally established 911 surcharge in effect in 2011, less than the maximum allowable 911 surcharge, could apply for an

⁵ See Tenn. Code Ann. § 7-86-303.

⁶ See Tenn. Code Ann. § 7-86-303(e).

increase in the base amount to avoid potential inequities in ECD funding. The Board approved applications for all eligible ECDs during FY2017. The current revised base amounts for each ECD are identified in Exhibit G.

Status of Next Generation 911 Modernization Project

Traditional 911 infrastructure does not fully support the next generation of Internet Protocol (“IP”) devices and advancements in 911 technology currently becoming available. In order to advance 911 congruently as telecommunications technology advances, the Board began a project to replace Tennessee’s 911 infrastructure with a platform that will provide 911 with the capabilities our citizens expect from modern telecommunications technology.

The project, referred to as Next Generation 911 (“NG911”), involves utilization of the State’s secure, private, outsourced Multiprotocol Label Switching (“MPLS”) network called “NetTN,” as well as additional core infrastructure, managed by the Strategic Technology Solutions (“STS”), Division of GIS Services in the Tennessee Department of Finance and Administration. The new network improves redundancy, reliability, and 911 call delivery. It enhances interoperability and increases the ease of communication between ECDs, allowing immediate transfer of 911 calls, caller information, and other data on a statewide level. NG911 will also provide alternate paths to process emergency calls in the event of an outage, providing lifesaving capabilities in the event of an emergency that were unachievable on the outdated analog network.

The board retained Telecommunications Systems, Inc. (“TCS”), a national leader in providing enhanced 911 services, to manage the 911-specific aspects of the NG911 project. TCS’ work includes running a network operations center to address various technical problems arising in over 140 PSAPs across the state, as well as creating and managing a statewide ALI database. The Board also contracted with the Geographical Information Systems (“GIS”) group in the Office of Information Resources, now called Strategic Technology Solutions (“STS”), to assist the ECDs in developing a uniform statewide GIS mapping system, which will be used to route 911 calls when the project is fully deployed.

As of June 30, 2017, 124 PSAPs had been tested for live traffic and 99 were live on the network. All wireless carriers are now sending calls over NG911 and all wireline carriers have now been connected to the network and are currently delivering live wireline traffic, or are currently pending carrier traffic migration.

In fiscal year 2017, the Board spent almost \$11.4 million implementing the NG911 project:

- \$0.6 million to provide NG911 equipment to Tennessee PSAPs;
- \$7.1 million to integrate with and adapt the Net TN system for NG911 purposes;

- \$3.7 million to maintain the twenty-four hour network operations center to assist PSAPs with technical issues; and
- \$17,600 for ESRI licensing.

The Board projects recurring operational costs of approximately \$16.5 million annually to maintain the NG911 program.

Financial Status of Emergency Communications Districts

The Board monitors the financial health of all one-hundred ECDs in Tennessee. Districts that are deemed to meet the statutory definition of “financially distressed” are subject to the Board’s supervision and evaluation pursuant to Tenn. Code Ann. § 7-86-304(d). The Board is pleased to report none of Tennessee’s one-hundred ECDs were determined to be financially distressed during the 2017 fiscal year. Three districts had three consecutive years of negative change in net position with depreciation greater than their negative change and were deemed to not be financially distressed. A fourth district falls in the same category as these three, but the Board had not determined its status by the end of FY2017.

Sixteen districts had a first year of negative change in net position, based on FY2016 audits. Fourteen districts with a first year of negative change in net position in FY2015 had a positive change in net position in FY2016 and came off of the one-year list. In FY2016 thirteen districts had a second consecutive year of negative change in net position and six had positive changes in FY2016 and came off of the two-year list. Districts with negative change in net assets are being assisted and monitored by the Board in accordance with Board policy.

Other Board Activities

During FY2017, the Board moved forward with multiple educational, operational and technological initiatives to ensure the continued advancement of 911 in Tennessee.

The Board is committed to ensuring Tennessee’s telecommunicators are providing Tennesseans with the highest level of 911 service. Throughout FY2017, the Board partnered with the National Emergency Number Association (“NENA”) to offer several training programs throughout the state, including 911 Center Supervisor and Center Training Officer courses, Tactical Dispatch, Disability Awareness, Cyber Security in the PSAP, and Addressing for 911. The Board also created a Training Coordinator position and released a Request for Proposal for an on-line training platform.

On the technological front, the Board progressed with its NG911 project and continued to develop text-to-911 service across the state. The Board examined

additional disaster recovery options such as satellite redundancy and mobile public safety answering points (“Mobile PSAPs”) to allow for the receipt and dispatch of 911 calls from a mobile unit in the event a disaster renders a local PSAP inoperable. The Board also authorized the purchase of a call handling solution to be hosted in the core of the NG911 network that will allow PSAPs to forgo the capital costs of purchasing individual call handling equipment. This solution will provide greater redundancy and improved reliability of 911 service.

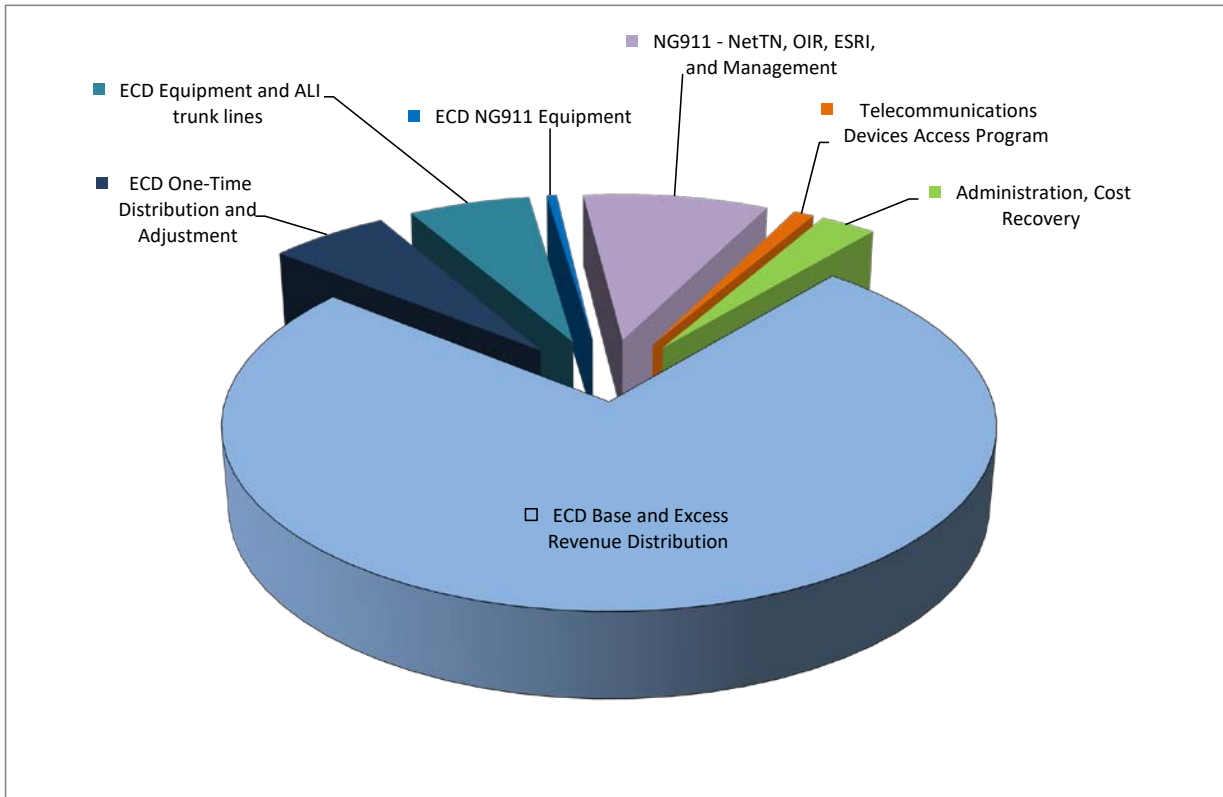
**TENNESSEE EMERGENCY COMMUNICATIONS BOARD
FINANCIAL REPORT FROM THE STATE'S ACCOUNTING SYSTEM
For FY2017 as of August 18, 2017**

EXPENDITURES	Adjusted Work Plan	Year-to-Date Total
Regular Salaries and Wages (70100)	653,900	551,066
Longevity (70102)	12,500	15,813
Overtime (70104)	0	0
Employee Benefits (702)	258,200	209,818
Payroll Expenditures	924,600	776,697
Travel (703)	44,900	44,174
Printing, Duplicating & Film Proc. (704)	1,700	0
Utilities and Fuel (705)	2,900	914
Communications & Shipping (706)	1,500	394
Maint., Repairs and Svcs by Others (707)	2,000	0
Third Party Prof. & Admin. Svcs (708)	5,970,600	4,022,171
Supplies and Office Furniture (709)	19,300	5,799
Rentals and Insurance (710)	2,300	1,660
Motor Vehicle Operation (711)	3,000	0
Awards and Indemnities (712)	1,200	417
Grants and Subsidies (713)	98,614,400	102,258,982
Unclassified Expenses (714)	1,800	800
Inventory (715)	0	0
Equipment (716)	10,000	0
Land (717)	0	0
Buildings (718)	0	0
Lost Discounts (719)	0	0
Highway Construction (720)	0	0
Training of State Employees (721)	6,000	9,106
Computer Related Items (722)	10,004,000	6,526,951
State Prof. Svcs. (725)	2,146,000	3,132,241
Other Expenditures	116,831,600	116,003,608
TOTAL EXPENDITURES	117,756,200	116,780,305
REVENUES		
E-911	86,000,000	84,862,984
Prepaid Wireless Telephone Charge	15,247,800	16,720,568
Federal Revenue	0	0
Departmental Interest	85,000	311,777
Interdepartmental Revenue		2,400
TOTAL REVENUES	101,332,800	101,897,729
FUND BALANCE		
	Projected	Actual
Change in Net Position	(16,423,400)	(14,882,576)
Fund Balance July 1, 2016	62,704,801	
June 30, 2017 Fund Balance	46,281,401	45,842,486

Note 1: Accrual Basis Financial Report. Fiscal year not closed at this date.

Note 2: The Year-to-Date, Actual Fund Balance is from Department of Finance and Administration.

**TENNESSEE EMERGENCY COMMUNICATIONS BOARD
FY2017 TECB EXPENDITURES**



Description	Expenditures	Percentage	
ECD Base and Excess Revenue Distribution	87,636,531	87.0%	ECD total
ECD One-Time Distribution and Adjustment	6,880,098		
ECD Equipment and ALI trunk lines	6,478,799		
ECD NG911 Equipment	580,187		
NG911 - NetTN, OIR, ESRI, and Management	10,774,625	9.2%	NG total
Telecommunications Devices Access Program	1,190,386	1.0%	TDAP total
Administration, Cost Recovery	3,239,678	2.8%	Admin total

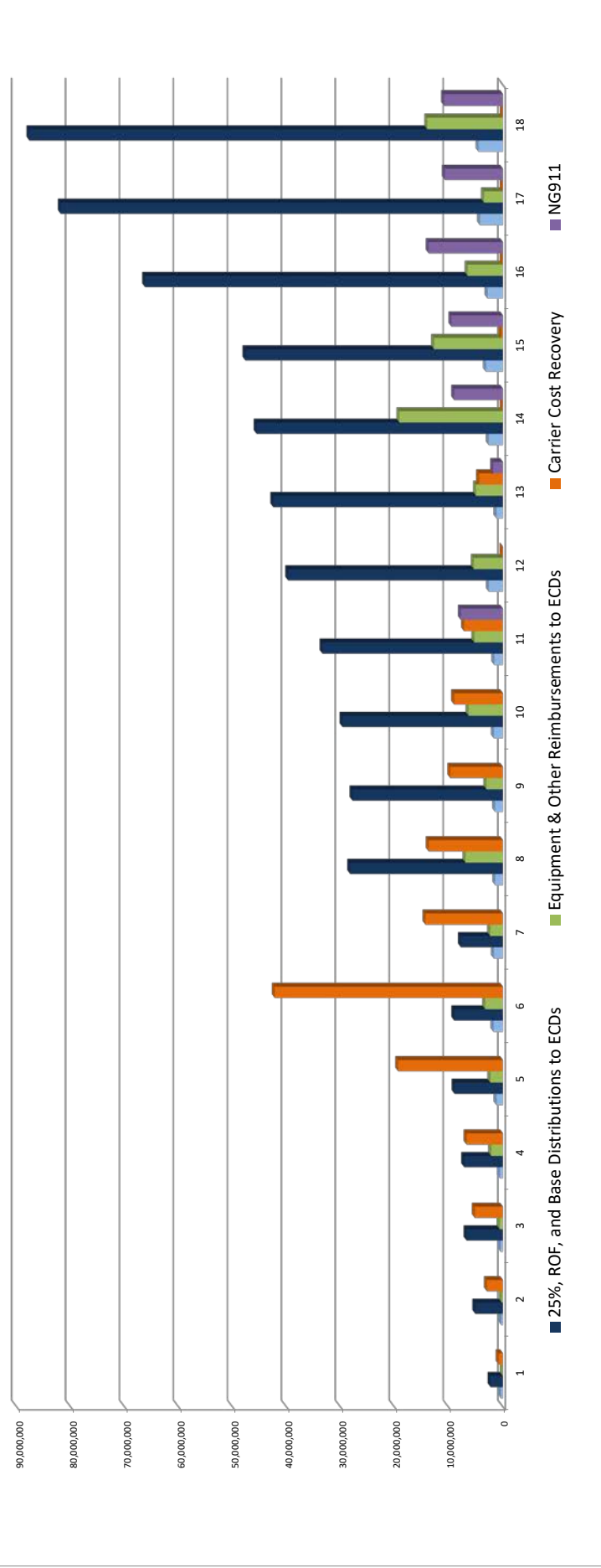
Total Expenditures \$ 116,780,305 100.0%

Note: Cash basis shown here may differ from accrual basis.

**TENNESSEE EMERGENCY COMMUNICATIONS BOARD
EXPENDITURES FROM 7/1/2000 THROUGH 6/30/2017**

FY	Year 1 2000	Year 2 2001	Year 3 2002	Year 4 2003	Year 5 2004	Year 6 2005	Year 7 2006	Year 8 2007	Year 9 2008	Year 10 2009	Year 11 2010	Year 12 2011	Year 13 2012	Year 14 2013	Year 15 2014	Year 16 2015	Year 17 2016	Year 18 2017
Administration and TRA	372,812	300,395	427,268	560,376	1,172,783	1,717,185	1,649,936	1,400,090	1,424,447	1,651,951	1,566,232	2,574,293	1,185,889	2,590,277	3,102,333	2,807,073	4,193,591	4,430,065
25% ROF, and Base Distributions to ECDs	2,258,345	5,044,632	6,634,283	7,061,839	8,828,899	8,890,864	7,670,805	28,185,013	27,755,744	29,600,211	33,302,610	39,679,156	42,438,987	45,525,992	47,601,821	66,188,044	81,819,277	87,636,531
Equipment & Other Reimbursements to ECDs	42,631	226,633	602,902	2,156,642	2,298,578	3,226,252	2,337,905	6,827,124	3,013,485	6,259,937	5,209,471	5,319,293	4,915,914	19,056,319	12,620,900	6,424,104	3,464,982	13,898,383
Carrier Cost Recovery	773,582	2,922,527	5,128,323	6,621,860	19,278,285	42,144,775	14,217,928	13,628,921	9,623,470	8,921,061	7,083,770	86,939	4,352,970	71,302	272,577	75,957	43,571	40,691
NG911											7,669,002		1,787,813	8,913,006	9,407,352	13,629,792	10,628,595	10,774,625
Total Expenditures	3,447,370	8,494,186	12,792,775	16,402,737	31,578,545	55,981,076	25,876,574	50,041,148	41,817,146	46,433,160	54,831,085	47,659,681	54,681,573	76,156,896	73,004,983	89,124,970	100,150,016	116,780,305

TECB EXPENDITURES OVER THE LAST EIGHTEEN YEARS



**TENNESSEE EMERGENCY COMMUNICATIONS BOARD
TOTAL FUNDS PAID TO ECDS IN FY2017**

Emergency Communications District	Base Amount	Excess Funding	Non-recurring Payments	Total	Emergency Communications District	Base Funding	Excess Funding	Non-recurring Payments	Total
Anderson	403,494	26,306	50,000	479,800	Knox	5,938,206	387,147	1,645,770	7,971,123
Bedford	611,706	39,881	50,000	701,587	Lafollette	249,936	16,295	50,000	316,231
Benton	286,236	18,661	50,000	354,897	Lake	201,414	13,131	67,782	282,327
Bledsoe	292,854	19,093	121,290	433,237	Lauderdale	395,316	25,773	50,000	471,089
Blount	1,426,740	93,018	86,708	1,606,466	Lawrence	601,494	39,215	55,280	695,989
Bradley	1,292,694	84,278	287,133	1,664,105	Lewis	259,992	16,950	234,426	511,368
Brentwood	864,126	56,337	52,516	972,979	Lincoln	442,776	28,867	50,000	521,643
Bristol	497,574	32,440	463,320	993,334	Loudon	591,444	38,560	50,000	680,004
Campbell	479,820	31,282	55,280	566,382	Macon	422,376	27,537	50,000	499,913
Cannon	291,630	19,013	76,357	387,000	Madison	1,194,906	77,903	72,619	1,345,428
Carroll	412,920	26,921	55,160	495,001	Marion	366,372	23,886	50,000	440,258
Carter	775,092	50,533	50,000	875,625	Marshall	528,432	34,452	128,807	691,691
Cheatham	492,036	32,079	208,471	732,585	Mauzy	1,141,992	74,453	78,928	1,295,374
Chester	299,784	19,545	139,915	459,243	McMinn	612,204	39,913	50,000	702,117
Claiborne	534,510	34,848	278,127	847,485	McNairy	408,282	26,618	50,000	484,900
Clay	254,928	16,620	50,000	321,548	Meigs	248,472	16,199	50,000	314,671
Clinton	228,966	14,928	50,000	293,894	Monroe	499,842	32,588	50,000	582,430
Cocke	537,756	35,059	100,000	672,815	Montgomery	1,971,228	128,516	119,798	2,219,542
Coffee	635,334	41,421	50,000	726,755	Moore	197,094	12,850	50,000	259,944
Crockett	253,980	16,558	113,063	383,601	Morgan	362,988	23,665	121,391	508,044
Cumberland	877,776	57,227	53,346	988,349	Oak Ridge	525,054	34,231	50,000	609,285
Davidson	6,684,210	435,783	406,223	7,526,216	Obion	554,196	36,131	50,000	640,327
Decatur	257,106	16,762	80,500	354,368	Overton-Pickett	644,520	42,020	60,154	746,694
DeKalb	412,098	26,867	50,000	488,965	Perry	263,562	17,183	281,246	561,991
Dickson	515,160	33,586	50,000	598,746	Polk	279,096	18,196	221,321	518,613
Dyer	610,746	39,818	50,000	700,564	Putnam	800,646	52,199	50,000	902,845
Fayette	537,174	35,022	173,184	745,380	Rhea	496,824	32,391	50,000	579,215
Fentress	333,468	21,741	55,432	410,641	Roane	664,518	43,324	145,465	853,307
Franklin	494,568	32,244	50,000	576,812	Robertson	808,842	52,733	50,000	911,575
Gibson	763,350	49,767	50,000	863,117	Rutherford	1,736,058	113,184	107,132	1,956,374
Giles	543,360	35,425	50,000	628,785	Scott	335,226	21,855	365,607	722,688
Grainger	388,560	25,333	61,136	475,028	Sequatchie	311,052	20,279	50,000	381,331
Greene	748,464	48,797	350,000	1,147,261	Sevier	1,091,250	71,145	66,319	1,228,714
Grundy	315,168	20,548	270,000	605,716	Shelby	9,327,186	608,094	566,845	10,502,125
Hamblen	904,362	58,961	115,396	1,078,719	Smith	308,958	20,143	50,000	379,101
Hamilton	5,095,614	332,213	447,178	5,875,005	Stewart	271,986	17,732	50,000	339,718
Hancock	225,900	14,728	232,817	473,445	Sullivan	1,019,424	66,462	127,094	1,212,981
Hardeman	380,580	24,812	200,000	605,392	Sumner	1,421,196	92,656	304,771	1,818,623
Hardin	435,864	28,417	105,145	569,426	Tipton	729,642	47,570	50,000	827,212
Hawkins	734,580	47,892	206,121	988,592	Trousdale	211,470	13,787	50,000	275,257
Haywood	318,876	20,789	350,000	689,665	Unicoi	364,716	23,778	129,851	518,345
Henderson	405,750	26,453	50,000	482,203	Union	311,250	20,292	50,000	381,542
Henry	467,784	30,498	50,000	548,282	Van Buren	231,672	15,104	50,000	296,776
Hickman	334,974	21,839	50,000	406,813	Warren	673,152	43,887	139,400	856,439
Houston	264,744	17,260	50,000	332,004	Washington	1,839,444	119,924	111,789	2,071,158
Humphreys	378,654	24,687	50,000	453,341	Wayne	314,844	20,527	154,087	489,458
Jackson	282,414	18,412	159,000	459,826	Weakley	451,836	29,458	77,880	559,174
Jefferson	702,786	45,819	50,000	798,605	White	479,496	31,261	107,553	618,310
Johnson	373,758	24,367	62,837	460,962	Williamson	1,581,396	103,100	790,320	2,474,817
Kingsport	769,230	50,151	61,727	881,107	Wilson	1,160,154	75,637	130,507	1,366,298
Total						82,272,690	5,363,840	13,939,524	101,576,054

Note: Cash basis shown here may differ from accrual basis.

**TENNESSEE EMERGENCY COMMUNICATIONS BOARD
FUNDS PAID TO ECDS BY TECB FROM 7/1/1999 THROUGH 6/30/2017**

Emergency Communications District	Prior to 1/1/15 25% and ROF* Combined	Base & Excess Funding Since 1/1/15	Non-Recurring and Equipment Total Payments	Total	Emergency Communications District	Prior to 1/1/15 25% and ROF* Combined	Base & Excess Funding Since 1/1/15	Non-Recurring and Equipment Total Payments	Total
Anderson	2,585,198	1,022,633	793,182	4,401,013	Knox	23,352,617	15,347,071	2,146,746	40,846,434
Bedford	2,771,725	1,580,931	849,598	5,202,254	Lafollette	1,434,179	645,950	541,528	2,621,658
Benton	1,759,169	733,185	754,338	3,246,692	Lake	1,450,228	516,390	703,340	2,669,958
Bledsoe	1,579,816	756,870	885,311	3,221,997	Lauderdale	2,147,448	1,013,539	476,279	3,637,266
Blount	6,396,609	3,640,092	1,302,582	11,339,282	Lawrence	2,793,951	1,554,539	856,203	5,204,693
Bradley	5,185,054	3,340,919	1,155,193	9,681,166	Lewis	1,537,764	660,363	687,167	2,885,294
Brentwood	2,363,232	2,233,301	771,296	5,367,829	Lincoln	2,547,302	1,116,180	796,643	4,460,124
Bristol	2,062,694	1,249,636	837,621	4,149,951	Loudon	2,848,718	1,499,678	992,134	5,340,530
Campbell	2,502,872	1,240,077	762,380	4,505,328	Macon	2,109,734	1,091,615	824,094	4,025,442
Cannon	1,619,148	753,707	775,095	3,147,950	Madison	5,256,685	2,967,262	1,015,301	9,239,248
Carroll	2,342,084	1,042,327	856,456	4,240,867	Marion	2,189,200	925,480	809,832	3,924,513
Carter	3,408,962	2,003,196	962,193	6,374,352	Marshall	2,233,121	1,365,713	858,944	4,457,778
Cheatham	2,662,339	1,260,354	852,471	4,775,164	Mauzy	4,568,945	2,841,720	1,114,428	8,525,093
Chester	1,830,387	761,955	762,188	3,354,530	McMinn	3,280,509	1,537,060	837,452	5,655,021
Clairborne	2,563,588	1,381,421	794,516	4,739,525	McNairy	2,188,577	1,045,955	805,456	4,039,989
Clay	1,462,833	658,852	583,555	2,705,240	Meigs	1,504,503	642,167	505,505	2,652,174
Clinton	1,382,443	583,532	733,571	2,699,546	Monroe	2,822,993	1,263,929	842,314	4,929,237
Cocke	2,528,825	1,376,757	737,605	4,643,187	Montgomery	7,547,834	5,094,565	1,510,362	14,152,762
Coffee	3,249,786	1,589,081	888,544	5,727,411	Moore	1,386,321	504,688	727,995	2,619,004
Crockett	1,605,322	645,727	720,040	2,971,090	Morgan	1,966,755	938,129	759,728	3,664,612
Cumberland	3,310,847	2,259,491	865,101	6,435,439	Oak Ridge	2,078,648	1,356,982	770,753	4,206,384
Davidson	29,306,750	16,770,606	2,799,722	48,877,077	Obion	2,536,656	1,404,751	805,502	4,746,910
Decatur	1,606,419	652,302	683,278	2,942,000	Overton-Pickett	3,367,188	1,665,738	1,459,964	6,492,890
DeKalb	1,952,013	1,065,052	784,787	3,801,852	Perry	1,484,824	681,166	894,268	3,060,258
Dickson	2,955,647	1,289,790	839,019	5,084,456	Polk	1,754,846	708,615	927,226	3,390,688
Dyer	2,836,033	1,554,604	806,481	5,197,118	Putnam	3,734,783	2,001,602	943,179	6,679,563
Fayette	2,559,195	1,388,306	800,353	4,747,854	Rhea	2,387,802	1,284,023	838,315	4,510,140
Fentress	1,940,116	842,738	800,029	3,582,883	Roane	3,297,766	1,717,422	857,126	5,872,314
Franklin	2,678,281	1,246,370	819,824	4,744,476	Robertson	3,456,883	2,090,422	853,035	6,400,340
Gibson	3,037,793	1,972,849	862,299	5,872,942	Rutherford	9,542,899	4,321,146	1,228,580	15,092,625
Giles	2,296,848	1,404,294	325,619	4,026,761	Scott	2,030,954	846,352	823,568	3,700,874
Grainger	2,060,049	1,004,219	1,055,752	4,120,019	Sequatchie	1,561,025	803,902	859,290	3,224,218
Greene	3,596,042	1,881,261	600,527	6,077,829	Sevier	4,779,201	2,711,619	1,042,132	8,532,951
Grundy	1,632,295	814,540	744,383	3,191,218	Shelby	39,392,065	23,361,118	3,271,397	66,024,580
Hamblen	3,541,249	2,322,951	969,252	6,833,452	Smith	1,898,073	788,946	753,516	3,440,536
Hamilton	21,167,831	13,169,423	1,431,018	35,768,272	Stewart	1,590,858	696,593	650,618	2,938,070
Hancock	1,426,271	583,830	730,363	2,740,464	Sullivan	4,939,158	2,634,663	1,038,334	8,612,155
Hardeman	2,248,055	964,735	628,627	3,841,416	Sumner	7,469,597	3,580,796	1,050,894	12,101,288
Hardin	2,132,166	1,096,794	812,696	4,041,656	Tipton	3,348,428	1,885,732	855,947	6,090,107
Hawkins	3,322,899	1,866,635	1,032,549	6,222,084	Trousdale	1,320,481	542,033	642,214	2,504,728
Haywood	1,976,466	812,364	759,819	3,548,649	Unicoi	1,921,112	942,595	766,001	3,629,708
Henderson	2,150,413	1,024,426	784,586	3,959,424	Union	1,904,654	804,414	315,706	3,024,774
Henry	2,541,484	1,176,774	829,499	4,547,756	Van Buren	1,384,225	598,748	830,760	2,813,733
Hickman	2,081,704	848,928	547,576	3,478,209	Warren	2,800,903	1,739,736	672,378	5,213,017
Houston	1,470,569	684,221	679,395	2,834,185	Washington	6,541,003	4,753,974	1,190,745	12,485,722
Humphreys	1,978,044	978,617	755,590	3,712,251	Wayne	1,772,973	806,911	784,042	3,363,926
Jackson	1,553,122	729,888	690,494	2,973,504	Weakley	2,713,507	1,144,326	920,871	4,778,703
Jefferson	3,019,859	1,799,943	917,059	5,736,860	White	2,121,316	1,239,239	936,528	4,297,084
Johnson	1,920,866	965,964	771,997	3,658,827	Williamson	6,718,592	3,974,517	1,044,068	11,737,177
Kingsport	2,982,399	1,901,375	1,001,937	5,885,710	Wilson	5,891,088	2,894,520	1,011,805	9,797,414
Grand Total						380,052,705	209,482,437	89,757,578	679,292,720

Note: Cash basis shown here may differ from accrual basis.

* ROF = Recurring Operational Funding

TENNESSEE EMERGENCY COMMUNICATIONS BOARD
AVAILABLE NG911 AND ESSENTIAL AND NECESSARY EQUIPMENT FUNDS FOR ECDS
June 30, 2017

Emergency Communications District	NG-911	Essential and Necessary	Total	Emergency Communications District	NG-911	Essential and Necessary	Total
Anderson				Knox			
Bedford				LaFollette		191,415	191,415
Benton				Lake		105,263	105,263
Bledsoe				Lauderdale		191,380	191,380
Blount		11,399	11,399	Lawrence		75,427	75,427
Bradley		109,932	109,932	Lewis		53,521	53,521
Brentwood				Lincoln			
Bristol				Loudon			
Campbell		85,040	85,040	Macon			
Cannon		7,403	7,403	Madison			
Carroll				Marion			
Carter	13,181		13,181	Marshall			-
Cheatham				Mauzy			
Chester				McMinn			
Claiborne				McNairy			
Clay		300,000	300,000	Meigs	12,610	333,848	346,458
Clinton		10,043	10,043	Monroe			
Cocke		87,198	87,198	Montgomery			
Coffee				Moore			
Crockett		31,831	31,831	Morgan			
Cumberland				Oak Ridge		6,248	6,248
Davidson				Obion	62,436		62,436
Decatur		168,351	168,351	Overton-Pickett		881	881
Dekalb				Perry			
Dickson				Polk			
Dyer				Putnam			
Fayette				Rhea			
Fentress				Roane			
Franklin				Robertson			
Gibson				Rutherford			
Giles	226,665	247,561	474,226	Scott			
Grainger				Sequatchie		35,325	35,325
Greene	262,420		262,420	Sevier			
Grundy		105,567	105,567	Shelby			
Hamblen				Smith	3,409		3,409
Hamilton	419,548	300,000	719,548	Stewart		92,386	92,386
Hancock				Sullivan			
Hardeman		150,000	150,000	Sumner			
Hardin				Tipton			
Hawkins				Trousdale		89,220	89,220
Haywood				Unicoi			
Henderson		27,486	27,486	Union	160,916	300,000	460,916
Henry				Van Buren			
Hickman		217,895	217,895	Warren	8,017	83,637	91,654
Houston		69,784	69,784	Washington		65,817	65,817
Humphreys				Wayne			
Jackson	29,741	79,653	109,394	Weakley			
Jefferson				White			
Johnson				Williamson			

TENNESSEE EMERGENCY COMMUNICATIONS BOARD
AVAILABLE NG911 AND ESSENTIAL AND NECESSARY EQUIPMENT FUNDS FOR ECDS
June 30, 2017

Kingsport				Wilson			
				Grand Total	1,198,942	3,633,510	4,832,453

TENNESSEE EMERGENCY COMMUNICATIONS BOARD
Base Level Funding Effective January 1, 2017

Emergency Communications District	Base Funding Annual Payment		Emergency Communications District	Base Funding Annual Payment
Anderson	403,494		Knox	5,938,206
Bedford	611,706		Lafollette	249,936
Benton	286,236		Lake	201,414
Bledsoe	292,854		Lauderdale	395,316
Blount	1,426,740		Lawrence	601,494
Bradley	1,292,694		Lewis	259,992
Brentwood	864,126		Lincoln	442,776
Bristol	497,574		Loudon	591,444
Campbell	479,820		Macon	422,376
Cannon	291,630		Madison	1,194,906
Carroll	412,920		Marion	366,372
Carter	775,092		Marshall	528,432
Cheatham	492,036		Maury	1,141,992
Chester	299,784		McMinn	612,204
Claiborne	534,510		McNairy	408,282
Clay	254,928		Meigs	248,472
Clinton	228,966		Monroe	499,842
Cocke	537,756		Montgomery	1,971,228
Coffee	635,334		Moore	197,094
Crockett	253,980		Morgan	362,988
Cumberland	877,776		Oak Ridge	525,054
Davidson	6,684,210		Obion	554,196
Decatur	257,106		Overton Pickett	644,520
DeKalb	412,098		Perry	263,562
Dickson	515,160		Polk	279,096
Dyer	610,746		Putnam	800,646
Fayette	537,174		Rhea	496,824
Fentress	333,468		Roane	664,518
Franklin	494,568		Robertson	808,842
Gibson	763,350		Rutherford	1,736,058
Giles	543,360		Scott	335,226
Grainger	388,560		Sequatchie	311,052
Greene	748,464		Sevier	1,091,250
Grundy	315,168		Shelby	9,327,186
Hamblen	904,362		Smith	308,958
Hamilton	5,095,614		Stewart	271,986
Hancock	225,900		Sullivan	1,019,424
Hardeman	380,580		Sumner	1,421,196
Hardin	435,864		Tipton	729,642
Hawkins	734,580		Trousdale	211,470
Haywood	318,876		Unicoi	364,716
Henderson	405,750		Union	311,250
Henry	467,784		Van Buren	231,672
Hickman	334,974		Warren	673,152
Houston	264,744		Washington	1,839,444
Humphreys	378,654		Wayne	314,844
Jackson	282,414		Weakley	451,836
Jefferson	702,786		White	479,496
Johnson	373,758		Williamson	1,581,396
Kingsport	769,230		Wilson	1,160,154
				82,272,690

Revised August 4, 2016

**TENNESSEE EMERGENCY COMMUNICATIONS BOARD
FISCAL YEAR 2016 AUDIT FINDINGS BY DESCRIPTION**

ECD	Total Findings	Inappropriate use of funds												
		Reconcile to General Ledger	Expenses exceed Budget	Segregation of Duties	Double Entry Bookkeeping	Collateralization	3-day Deposit	Surety Bond Coverage	Signature on the checks	Policy & Procedures	Adopt Uniform Chart of Accounts	Deficiencies Recording Transactions	Inadequate Supporting Documentation	Street Signs
Anderson	0													
Bedford	0													
Benton	2		1	1										
Bledsoe	1		1											
Blount	0													
Bradley	1		1											
Brentwood	0													
Bristol	0													
Campbell	0													
Cannon	1			1										
Carroll	0													
Carter	1	1												
Cheatham	0													
Chester	0													
Claiborne	0													
Clay	3		1	1							1			
Clinton	0													
Cocke	0													
Coffee	0													
Crockett	1		1											
Cumberland	1		1											
Davidson	1										1			
Decatur	0													
DeKalb	0													
Dickson	2		1	1										
Dyer	1		1											
Fayette	0													
Fentress	0													
Franklin	0													
Gibson	0													
Giles	1	1												
Grainger	0													
Greene	0													

**TENNESSEE EMERGENCY COMMUNICATIONS BOARD
FISCAL YEAR 2016 AUDIT FINDINGS BY DESCRIPTION**

ECD	Total Findings	Findings Description												
		Inappropriate use of funds	Reconcile to General Ledger	Expenses exceed Budget	Segregation of Duties	Double Entry Bookkeeping	Collateralization	3-day Deposit	Surety Bond Coverage	Signature on the checks	Policy & Procedures not established and maintained	Adopt Uniform Chart of Accounts	Deficiencies Recording Transactions	Inadequate Supporting Documentation
Grundy	4		1	1								1	1	
Hamblen	0													
Hamilton	0													
Hancock	0													
Hardeman	0													
Hardin	0													
Hawkins	1			1										
Haywood	1			1										
Henderson	1			1										
Henry	1				1									
Hickman	1				1									
Houston	2			1					1					
Humphreys	0													
Jackson	1			1										
Jefferson	0													
Johnson	0													
Kingsport	0													
Knox	0													
LaFollette	0													
Lake	2			1	1									
Lauderdale	1			1										
Lawrence	1				1									
Lewis	1				1									
Lincoln	0													
Loudon	0													
Macon	0													
Madison	0													
Marion	0													
Marshall	0													
Maury	1			1										
McMinn	0													
McNairy	2			1	1									
Meigs	2			1	1									
Monroe	0													
Montgomery	2			1								1		

**TENNESSEE EMERGENCY COMMUNICATIONS BOARD
FISCAL YEAR 2016 AUDIT FINDINGS BY DESCRIPTION**

ECD	/															
	Total Findings	Inappropriate use of funds	Reconcile to General Ledger	Expenses exceed Budget	Segregation of Duties	Double Entry Bookkeeping	Collateralization	3-day Deposit	Surety Bond Coverage	Signature on the checks	Policy & Procedures	Adopt Uniform Chart of Accounts	Deficiencies not established and maintained	Inadequate Recording Transactions	Supporting Documentation	Street Signs
Moore	2			1	1											
Morgan	0															
Oak Ridge	0															
Obion	0															
Overton-Pickett	3		1	1	1											
Perry	1				1											
Polk	2			1	1											
Putnam	0															
Rhea	1			1												
Roane	0															
Robertson	1			1												
Rutherford	0															
Scott	0															
Sequatchie	0															
Sevier	0															
Shelby	0															
Smith	1			1												
Stewart	0															
Sullivan	1			1												
Sumner	0															
Tipton	3		1	1				1								
Trousdale	1			1												
Unicoi	1			1												
Union	1			1												
Van Buren	8		1	1	1				3	1			1			
Warren	1								1							
Washington	0															
Wayne	1				1											
Weakley	0															
White	2			1							1					
Williamson	0															
Wilson	0															
Grand Total	70	0	6	33	17	0	0	0	1	0	5	1	5	2	0	0



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