

# ANNUAL REPORT OF THE TENNESSEE EMERGENCY COMMUNICATIONS BOARD

Fiscal Year 2020



Pursuant to Tenn. Code Ann. §§ 7-86-128(b)(3)<sup>1</sup> and 7-86-315,<sup>2</sup> 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, 2019 through June 30, 2020.

<sup>2</sup> Tenn. Code Ann. § 7-86-315 states:

<sup>&</sup>lt;sup>1</sup>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.

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 Chairman

On behalf of the members of the Tennessee Emergency Communications Board, I ampleased to present you with the Board's annual report for fiscal year 2020.

The Board began the fiscal year focusing on 911 telecommunicator training and education. The Board provided an average of more than nine hundred (900) hours of training each month through its online training platform. COVID-19 presented many challenges to Tennessee's 911 community and greatly impacted the Board's ability to provide in-person training courses. However, the Board is proud that our online training platform was available to fill the gap and provide those valuable training resources in a safe and secure environment.

The Board continued to move forward with its Next Generation 911 ("NG911") project. NG911 is replacing the state's 911 infrastructure with an internet protocol ("IP") platform that will improve 911 call delivery, enhance interoperability and increase the ease of communication between emergency communications districts, allowing the immediate transfer of 911 calls, caller information, and other data statewide. Over 20 million calls have been processed over NG911 with an average of over 260,000 calls each month. Eighty-seven percent of all calls to 911 in Tennessee are wireless calls.

As part of NG911, the Board provides Text-to-911 capabilities to Tennessee's one hundred emergency communications districts. Districts must "opt in" to Text-to-911; however, the service has been successfully deployed in several counties and many other deployments are underway.

The financial integrity of the emergency communications districts ("ECDs") across Tennessee continues to be one of the Board's highest priorities. The Board and its staff worked diligently throughout the year to guide and assist districts with financial matters, and the Board is pleased to announce that none of the districts are financially distressed.

I would like to again express my gratitude to the hundreds of 911 professionals in Tennessee. As a result of their hard work and dedication Tennessee remains a national leader in 911 and continues to provide its citizens and guests with high-quality 911 service throughout Tennessee. It has been an honor to serve as the chairman of the Tennessee Emergency Communications Board.

Respectfully,

Mike Hooks Chairman

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#### Introduction

The Tennessee Emergency Communications Board, 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, accountability and establishing emergency communications for all citizens of the state."<sup>1</sup> The TECB is funded through a monthly 911 surcharge on communications services capable of connecting to 911.<sup>2</sup>

The TECB exercises financial and operational oversight over the state's one hundred (100) emergency communications districts, which are statutorily created municipalities responsible for administering and facilitating local 911 call taking and dispatching services.<sup>3</sup> The TECB is also charged with establishing technical, dispatcher training and operating standards concerning acceptable uses of revenue.<sup>4</sup>

The TECB 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 TECB 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 IP platform that will vastly improve 911 call delivery, provide additional layers of redundancy and enhance interoperability between ECDs. The TECB's progress on this project makes Tennessee a national leader in 911.

<sup>&</sup>lt;sup>1</sup> See Tenn. Code Ann. § 7-86-302(a).

<sup>&</sup>lt;sup>2</sup> See Tenn. Code Ann. §§ 7-86-128(a)(2) & 7-86-303(d).

<sup>&</sup>lt;sup>3</sup> See Tenn. Code Ann. §§ 7-86-106, 7-86-302(a), 7-86-306(a)(11).

<sup>&</sup>lt;sup>4</sup> See Tenn. Code Ann. §§ 7-86-205, 7-86-306(a)(10) & (11).

# **Tennessee Emergency Communications Board Members**

Mike Hooks Chairman Director, Roane County ECD

**Dan Springer** Public Citizen Representative

Hon. Gary Davis Mayor, Bradley County

Mark Archer Director, Henry County ECD

Jennifer White Director, Loudon County ECD Phillip Noel Vice Chairman Director, Bedford County ECD

**Greg Cothron** Designee, Comptroller of the Treasury

Hon. Jill Holland Mayor, City of McKenzie

**Steve Martini** Director, Williamson County ECD

# **Tennessee Emergency Communications Board Staff**

Curtis S. Sutton Executive Director

James Barnes Fiscal Director

Amber McDonald Director of Government & External Affairs

**Barbara Shank** Administrative Service Assistant **Benjamin Glover** Assistant Director & General Counsel

**Eddie Burchell** Chief, E911 Technical Service

Jamison Peevyhouse Training Coordinator

Vanessa Williams Executive Assistant

# **Tennessee Emergency Communications Board Advisory Committees**

The TECB is required to appoint a technical advisory committee and other advisory committees for the purpose of providing and receiving information to the TECB.<sup>5</sup> The following committees have been established and the individuals identified for each were committee members for all or part of the fiscal year.

<sup>&</sup>lt;sup>5</sup> See Tenn. Code Ann. §§ 7-86-308 and 7-86-309.

# **Operations Advisory Committee**

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

David Alexander, Director, Hardin County ECD John Allman, Director of Information Technology, Brentwood ECD Allen Bull, Director, Knox County ECD Jeff Carney, Director of Operations, Hamilton County ECD Mark Grant, Dyersburg Police Department Monica Moore, Director, Haywood County ECD Eric Ritzman, Director, Cumberland County ECD Virginia Smelser, Director, Sullivan County 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 emergency management agencies. Its members include:

Dale Blevins, Director, Carter County ECD Eric Carpenter, Director, Hamblen County Tonya Jetton, Director, Sumner County ECD Carolann Mason, Director, Fayette County ECD Kristy Meggs, Director, Carroll County ECD Linda Nichols, Director, Cheatham County ECD Eric Ritzman, Director, Cumberland County ECD Steve Smith, Director Rutherford County ECD Justin Whipple, Director, Benton 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. Its members include:

Angel Archo, Comcast Dan Collyer, Board Member, Hamilton County ECD Lawson Dripps, AT&T Rich Johnston, West Safety Services

# Training Advisory Committee

During FY2016, the TECB 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. Its members include:

Danielle Ferguson, Supervisor, Williamson County ECD Cynthia Gunter, Administrative Manager, Bradley County ECD Lesley Hughes, Training Coordinator, Carter County ECD Sean Lovejoy, Manager, Memphis Police Department Linda Nichols, Director, Cheatham County ECD Cynthia Samples, Shift Supervisor, Hamblen County ECD Jennifer Schwendimann, Training Coordinator, Williamson County ECD Virginia Smelser, Director, Sullivan Co. ECD Lynn Thompson, Assistant Director, Maury County ECD

# **GIS Committee**

In November 2019, the Board voted to create a nine (9) member special Geographic Information Systems ("GIS") & Addressing committee to explore possible solutions to the various GIS issues. Its members include:

Angela Bledsoe, GIS and CAD Database Coordinator, Bradley County ECD Andrew Griswold, GIS Analyst, Department of Finance and Administration Ryan Janikula, GIS Manager, Loudon County ECD Lesley Musick, GIS Coordinator, Washington County ECD Ernie Qualls, GIS Specialist, Lincoln County ECD Karen Velliquette, GIS Analyst, Rhea and Roane County ECD Justin Whipple, Director, Benton County ECD James Wood, Public Safety Sector Manager, True North Geographic Technologies HeeChong Yu, GIS Analyst, Department of the Military

# 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 TECB and interest accumulated on those deposits.<sup>6</sup> The 911 surcharge is the TECB's sole recurring revenue source. It is levied on communications services that are capable of contacting a public safety 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 TECB. Authorized operational and administrative expenditures include distributing a statutorily-determined amount of base funding to each ECD, implementing and maintaining an IP-based NG911 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 2020, total cash receipts of \$108,777,745 were collected from the 911 surcharge. This was comprised of \$21,948,324 from prepaid cell phone service sales and \$86,829,421 from standard 911 service charges. The TECB had total expenditures of \$106,109,190 for the fiscal year. Payments to ECDs totaled over \$89 million, constituting 83.9% of the total expenditures. Payments to ECDs included \$86 million for statutory distributions and \$3 million for recurring non-mandated controller subsidy distributions. Payments to individual districts are identified in Exhibit D.

The TECB provided corporate cost recovery to wireless telecommunications providers in the amount of \$42,426 while investing over \$11.7 million to advance NG911 in the state. Approximately \$3.3 million were expended for administration, including contracts with technical consultants and for ECD telecommunicator training. The 911 Funding

<sup>&</sup>lt;sup>6</sup> See Tenn. Code Ann. § 7-86-303.

Modernization and IP Transition Act of 2014 requires the TECB to reimburse the Public Utilities Commission ("PUC") for TRS/TDAP. The TECB reimbursed the PUC over \$1.3 million for these services and programs.

The 911 Funding Modernization and IP Transition Act of 2014 also requires the TECB 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.<sup>7</sup> The Act guarantees no ECD will receive less than the total amount it received in fiscal year 2012. The adjusted 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 IP devices and advancements in 911 technology currently becoming available. In order to advance 911 congruently as telecommunications technology advances, the TECB 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 NG911, involves utilization of the state's secure and privatly, outsourced multiprotocol label switching network called "NetTN," provided by AT&T and managed by Strategic Technology Solutions 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.

On September 27, 2018, the TECB voted to proceed with moving from AT&T's microDATA-based Internet protocol selective routing solution to its nationwide ESInet<sup>™</sup> with Next Generation Core Services solution. This decision includes a transition to the automatic location identification platform also supported by the AT&T nationwide solution. This migration allows the State of Tennessee to continue its leadership in NG911 and will enable the TECB to deliver enhanced technology services, including deployment of Text-to-911. Four percent of PSAPs in Tennessee are live and now accepting Text-to-911 requests for service. Another 28% of PSAPs have placed requests to go live with Text-to-911 with the wireless service providers and another 24% of PSAPs are in some stage of deployment of Text-to-911.

In fiscal year 2020, the TECB spent \$11,780,453 implementing and maintaining the NG911 project, including projects to integrate with and adapt the Net TN system for NG911 purposes; financing start-up costs of the statewide hosted controller or Call Handling as a Service program; maintaining the twenty-four hour network operations center to assist PSAPs with technical issues; and purchasing Esri GIS software licensing.

<sup>&</sup>lt;sup>7</sup> See Tenn. Code Ann. § 7-86-303(e).

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

# **Financial Status of Emergency Communications Districts**

The TECB monitors the financial health of all one hundred (100) ECDs in Tennessee. Districts that are deemed to meet the statutory definition of "financially distressed" are subject to the TECB's supervision and evaluation pursuant to Tenn. Code Ann. § 7-86-304(d). The TECB is pleased to report none of Tennessee's one hundred (100) ECDs were determined to be financially distressed during the 2020 fiscal year based on analysis of FY2019 audit reports.

- Two (2) districts had three (3) consecutive years of negative change in net position meeting the definition for consideration of distressed status for the first time and two (2) districts with three (3) years of negative change in FY2018 had another consecutive year of negative change. These four (4) districts had depreciation expense greater than their negative change and were evaluated by TECB and determined not distressed in consideration of state law and TECB Policy No. 6. All four (4) districts have been advised of the assistance available from the Board and are working with staff to address their negative change in net position.
- Nine (9) districts had a first year of negative change in net position; and five (5) of those districts had depreciation expenses greater than the negative change. The remaining four (4) were notified and offered assistance in accordance with Policy 6.
- Five (5) districts had a second consecutive year of negative change in net position and four (4) of those districts had depreciation expenses greater than the negative change. The remaining district was notified and offered assistance in accordance with Policy 6.

# **Emergency Communications Districts Audits**

The TECB may act upon any adverse findings noted in ECD audits and order such action as may be necessary to remedy the adverse findings.<sup>8</sup>

<sup>&</sup>lt;sup>8</sup> § 7-86-304. Uniform financial accounting system -- Audit -- Annual budgets -- Supervision of financially distressed districts

The following schedule is a comparison of reported findings in ECD audit reports for the last three (3) years. Fiscal year 2019 findings for each ECD are found in Attachment F.

Reported Material Weaknesses/Findings from Audit Reports

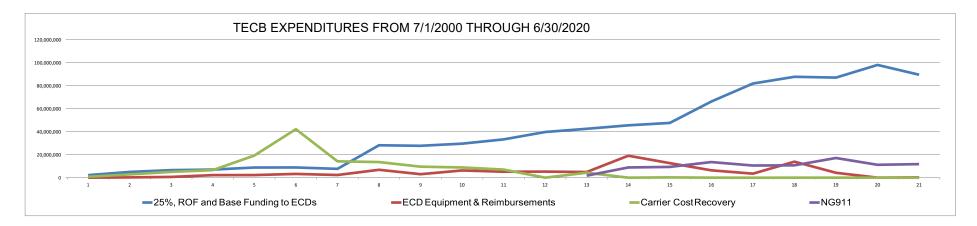
<u>2017</u>	<u>2018</u>	<u>2019</u>	
27	24	17	Expenses exceeded budget
13	14	13	Segregation of duties
20	8	2	Management lacks skills & knowledge to apply GAAP
106	4	5	Policy & procedure requirements
0	1	0	Inappropriate check signatures
1	4	3	Inadequate supporting documents
5	0	5	Deficiencies recording transactions
50	1	0	Banking issues
2	1	1	Surety bond coverage
0	0	1	Retirement plan not reconciled
0	0	0	Inappropriate use of funds
65	62	47	Total

# **Other TECB Activities**

The TECB is committed to ensuring 911 telecommunicators are providing Tennesseans with the highest level of 911 service. The TECB fulfills this commitment by providing numerous education and training opportunities for 911 districts and telecommunicators. In FY2020, the TECB continued to provide an on-line training service at no cost to Tennessee's 911 telecommunicators through a contract with Virtual Academy ("V-Academy"). This training initiative has been an enormous success, averaging more than nine hundred (900) hours of training each month in FY2020. The V-Academy platform provides a direct benefit to the frontline operations of 911 in Tennessee, saving local jurisdictions significant time and money. It allows local 911 personnel to meet Tennessee's training requirements while reducing travel, staffing and tuition costs on ECDs. During FY2020, there were over 2500 users registered on the platform and over 11,800 hours of content was delivered to Tennessee's 911 telecommunicators.

#### TENNESSEE EMERGENCY COMMUNICATIONS BOARD REVENUE AND EXPENDITURES FROM 7/1/2000 THROUGH 6/30/2020

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	Year 19 2018	Year 20 2019	Year 21 2020
Administration and TRA/TDAP	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	5,876,594	4,743,830	4,643,116
25%, ROF and Base Funding 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	86,941,334	97,909,411	89,405,695
ECD Equipment & Reimbursements	42,631	226,633	602,902	2,158,642	2,298,578	3,228,252	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	13,898,393	4,250,405	0	237,500
Carrier Cost Recovery	773,582	2,922,527	5,128,323	6,621,880	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	45,654	47,161	42,426
NG911											7,669,002		1,787,813	8,913,006	9,407,352	13,629,792	10,628,595	10,774,625	17,123,465	11,224,726	11,780,453
Revenue	11,496,053	21,399,599	26,797,718	28,455,380	32,232,922	36,124,288	42,492,085	47,594,812	51,362,089	56,624,840	57,489,286	59,465,100	59,689,588	61,586,019	65,032,815	81,077,523	102,617,405	101,583,552	111,227,735	106,367,063	111,153,953
Total Expenditures	3,447,370	8,494,187	12,792,775	16,402,737	31,578,545	55,981,077	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	114,237,452	113,925,128	106,109,190



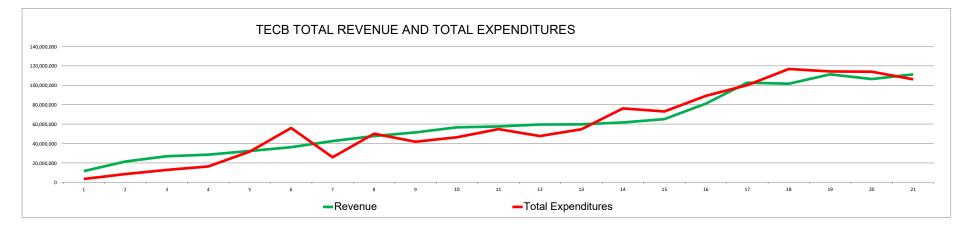


EXHIBIT A

#### TENNESSEE EMERGENCY COMMUNICATIONS BOARD FY2020 FINANCIAL REPORT 2nd Preliminary Closing Report Adjusted by 3rd Preliminary Closing Report Data

EXPENDITURES	Adjusted <u>Work Plan</u>	Year-to-Date <u>F2020</u>	993 <u>Adjustment</u>	993 Adjusted <u>Year-to-Date</u> FY2020 Total
Regular Salaries and Wages (70100)	771,700	650,176		650,176
Longevity (70102)	12,500	12,772		12,772
Overtime (70104)	0	0		0
Employee Benefits (702)	275,500	246,493		246,493
Payroll Expenditures	1,059,700	909,442		909,442
Travel (703)	44,900	20,982		20,982
Printing, Duplicating & Film Proc. (704)	1,700	0		0
Utilities and Fuel (705)	2,900	0		0
Communications & Shipping (706)	1,500	356		356
Maint., Repairs and Svcs by Others (707)	2,000	149		149
Third Party Prof. & Admin. Svcs (708)	5,970,600	2,901,481		2,901,481
Supplies and Office Furniture (709)	19,300	1,339		1,339
Rentals and Insurance (710)	2,300	1,170		1,170
Motor Vehicle Operation (711)	3,000	45		45
Awards and Indemnities (712)	1,200	0		0
Grants and Subsidies (713)	93,661,600	89,753,299		89,753,299
Unclassified Expenses (714)	1,800	823		823
Inventory (715)	0	0		0
Equipment (716)	10,000	0		0
Land (717)	0	0		0
Buildings (718)	0	0		0
Lost Discounts (719)	0	0		0
Highway Construction (720)	0	0		0
Training of State Employees (721)	6,000	5,180		5,180
Computer Related Items (722)	15,004,000	9,469,947		9,469,947
State Prof. Svcs. (725)	2,126,900	3,044,975		3,044,975
Other Expenditures	116,859,700	105,199,748	0	105,199,748
TOTAL EXPENDITURES	117,919,400	106,109,190	0	106,109,190

	REVENUES	Adjusted <u>Work Plan</u>	Year-to-Date <u>Total</u>	993 <u>Adjustment</u>	993 Adjusted <u>Year-to-Date</u>
	E-911 Standard Surcharge	85,000,000	86,705,100		Total
	Prepaid Wireless Telephone Charge	20,000,000	21,499,050	124,321	86,829,421
	Federal Revenue	0	1,893,279	449,275	21,948,324
	Departmental Interest	600,000	482,929		1,893,279
	Interdepartmental Revenue	1,800	0		482,929
					0
Note 1:	TOTAL REVENUES	105,601,800	110,580,358	573,595	111,153,953
Note 2:	June 30, 2019 Fund Balance			45,423,837	

Note 3: June 30, 2020 Fund Balance

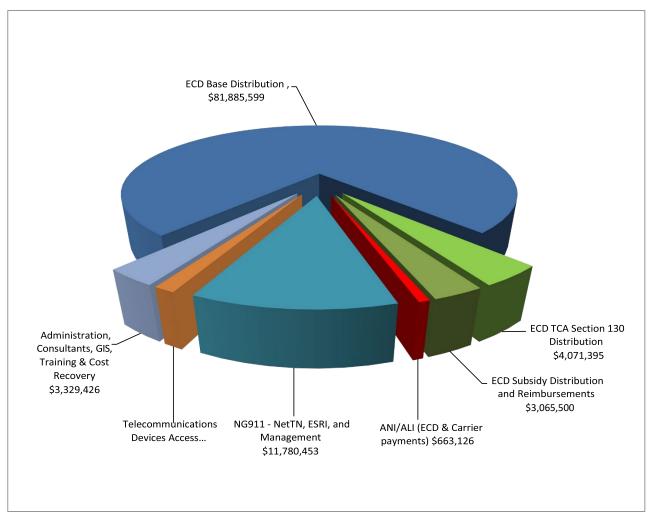
50,468,600

Note 1: Revenue does not include fund balance used to cover expenditures.

Note 2: The FY2019 Fund Balance is determined by the Department of Finance and Administration.

Note 3: The FY2020 Fund Balance is caculated by adding revenue and deducting expenditures

#### TENNESSEE EMERGENCY COMMUNICATIONS BOARD FY2020 TECB EXPENDITURES



Description	Expenditures		Percentage
ECD Base Distribution	81,885,599	83.9%	ECD total
ECD TCA Section 130 Distribution	4,071,395		
ECD Subsidy Distribution and Reimbursements	3,065,500		
ANI/ALI costs	663,126	0.6%	ANI/ALI total
NG911 - NetTN, ESRI, and Management	11,780,453	11.1%	NG total
Telecommunications Devices Access Program	1,313,690	1.2%	TDAP total
Administration, Consultants, GIS, & Cost Recovery	3,329,426	3.1%	Admin total
	I		

 Total Expenditures
 \$ 106,109,190
 100.0%

Note: Cash basis displayed on this schedule may differ from accrual basis.

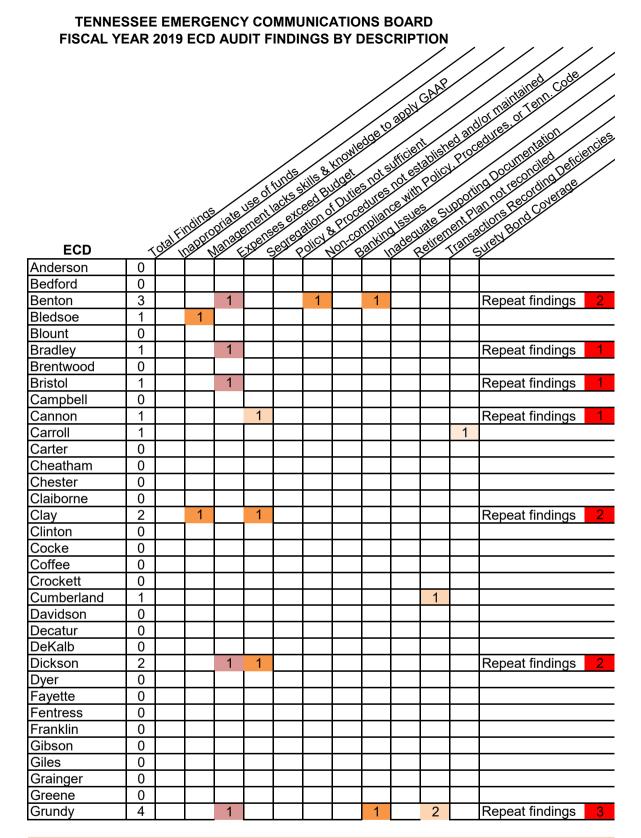
TENNESSEE EMERGENCY COMMUNICATIONS BOARD							
	TOTAL TECB	PAYMENTS	TO ECDs IN	N FY2020			
			<b>TO A</b> 400	Quality and the			
ECD	ANI/ALI & Other	Adjusted Base	TCA 130 Funds	Subsidy Funds	Total		
Anderson	0	403,494	19,968	32,000	455,462		
Bedford	0	611,706	30,271	16,000	657,977		
Benton	0	274,236	14,165	10,000	288,401		
Bledsoe	2,880	292,854	14,103	8,000	318,226		
Blount	2,000	1,426,740	70,604	20,000	1,517,344		
Bradley	0	1,292,694	63,971	40,000	1,396,665		
Brentwood	0	864,126	42,763	40,000	950,889		
Bristol	0	497,574	24,623	24,000	546,197		
	-		23,745				
Campbell	5,280	479,820		12,000	520,845		
Cannon	2,412	291,630	14,432	12,000	320,474		
Carroll	4,730	412,920	20,434	20,000	458,084		
Carter	0	775,092	38,357	20,000	833,449		
Cheatham	0	492,036	24,349	16,000	532,385		
Chester	0	287,784	14,835	0	302,619		
Claiborne	0	534,510	26,451	16,000	576,961		
Clay	0	254,928	12,616	12,000	279,544		
Clinton	0	228,966	11,331	8,000	248,297		
Cocke	0	537,756	26,612	12,000	576,368		
Coffee	0	635,334	31,440	24,000	690,774		
Crockett	0	253,980	12,569	12,000	278,549		
Cumberland	0	877,776	43,438	24,000	945,214		
Davidson	0	6,684,210	330,779	196,000	7,210,989		
Decatur	10,387	257,106	12,723	12,000	292,216		
DeKalb	4,453	412,098	20,393	12,000	448,944		
Dickson	0	499,158	25,493	0	524,651		
Dyer	0	610,746	30,224	32,000	672,970		
Fayette	0	517,176	26,583	0	543,759		
Fentress	5,432	333,468	16,502	16,000	371,402		
Franklin	0	494,568	24,474	20,000	539,042		
Gibson	0	763,350	37,776	40,000	841,126		
Giles	0	527,358	26,889	0	554,247		
Grainger	14,671	388,560	19,229	12,000	434,460		
Greene	0	748,464	37,039	12,000	797,503		
Grundy	0	315,168	15,597	8,000	338,765		
Hamblen	0	885,847	44,754	28,000	958,601		
Hamilton Note 2	237,500	5,095,614	252,164	292,000	5,877,278		
Hancock	0	225,900	11,179	8,000	245,079		
Hardeman	0	368,580	18,834	0	387,414		
Hardin	0	435,864	21,569	12,000	469,433		
Hawkins	0	734,580	36,352	16,000	786,932		
Haywood	0	302,874	15,780	0	318,654		
Henderson	0	405,750	20,079	12,000	437,829		
Henry	0	467,784	23,149	20,000	510,933		
Hickman	0	334,974	16,577	12,000	363,551		
Houston	0	264,744	13,101	16,000	293,845		
Humphreys	0	378,654	18,738	16,000	413,392		
Jackson	0	278,196	13,976	8,000	300,172		
Jefferson	0		34,778	24,000	761,564		
	5,453	702,786		12,000			
Johnson Kingsport		373,758	18,496		409,707		
Kingsport	0	769,230	38,067	36,000	843,297		
Knox Lafallatta	0	5,938,206	293,861	48,000	6,280,067		
Lafollette	0	249,936	12,368	8,000	270,304		

	NESSEE EME				D
	TOTAL TECB	PAYMENTS	TO ECDs IN	FY2020	
ECD	ANI/ALI & Other	Adjusted Base	TCA 130 Funds	Subsidy Funds	Total
Lake	0	201,414	9,968	8,000	219,382
Lauderdale	0	387,318	19,563	0	406,881
Lawrence	4,400	590,893	29,766	16,000	641,059
Lewis	0	259,992	12,866	8,000	280,858
Lincoln	0	442,776	21,911	16,000	480,687
Loudon	0	591,444	29,269	44,000	664,713
Macon	0	422,376	20,902	16,000	459,278
Madison	0	1,127,209	59,132	0	1,186,341
Marion	0	366,372	18,130	24,000	408,502
Marshall	0	500,430	26,150	0	526,580
Maury	0	1,117,992	56,513	0	1,174,505
McMinn	0	612,204	30,296	32,000	674,500
McNairy	0	408,282	20,204	12,000	440,486
Meigs	0	248,472	12,296	12,000	272,768
Monroe	0	484,234	24,735	16,000	524,969
Montgomery	0	1,971,228	97,549	32,000	2,100,777
Moore	0	197,094	9,754	12,000	218,848
Morgan	0	362,988	17,963	12,000	392,951
Oak Ridge	0	525,054	25,983	16,000	567,037
Obion	0	542,196	27,425	0	569,621
Overton - Pickett	0	644,520	31,895	24,000	700,415
Perry	5,753	263,562	13,043	12,000	294,358
Polk	0	279,096	13,812	16,000	308,908
Putnam	0	800,646	39,621	36,000	876,267
Rhea	0	496,824	24,586	16,000	537,410
Roane	0	640,518	32,885	0	673,403
Robertson	0	808,842	40,027	28,000	876,869
Rutherford	0	1,736,058	85,912	164,000	1,985,970
Scott	5,435	335,226	16,589	8,000	365,250
Sequatchie	0	311,052	15,393	8,000	334,445
Sevier	0	1,091,250	54,002	96,000	1,241,252
Shelby	0	9,327,186	461,570	408,000	10,196,756
Smith	0	308,958	15,289	8,000	332,247
Stewart	0	271,986	13,460	8,000	293,446
Sullivan	0	1,019,424	50,448	28,000	1,097,872
Sumner	0	1,421,196	70,330	72,000	1,563,526
Tipton	0	729,642	36,107	20,000	785,749
Trousdale	0	211,470	10,465	8,000	229,935
Unicoi	0	364,716	18,049	12,000	394,765
Union	0	311,250	15,403	8,000	334,653
Van Buren	0	231,672	11,465	8,000	251,137
Warren	0	673,152	33,312	24,000	730,464
Washington					
Washington	6,909 3,804	1,784,602 314,844	91,028 15,581	48,000 8,000	1,930,539 342,229
Wayne	4,954	451,836	22,360	20,000	499,150
White				20,000	
Williamson	0	479,496	23,729		523,225
	0	1,581,396	78,258	88,000	1,747,654
Wilson	0	1,144,548	57,412	56,000	1,257,960
Total	324,453	81,885,599	4,071,395	2,828,000	89,109,447
	Note 1: Cash basis	may differ from ac	crual basis.		

#### TENNESSEE EMERGENCY COMMUNICATIONS BOARD TOTAL TECB PAYMENTS TO ECDs FROM 7/1/1999 THROUGH 6/30/2020

Emergency Communications District	Prior to 1/1/15 25% and ROF* Combined	Base, Excess & Subsidy 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 & Subsidy Since 1/1/15	Non-Recurring and Equipment Total Payments	Total
Anderson	2,585,198	2,402,650	798,510	5,786,358	Knox	23,352,617	34,740,423	2,154,738	60,247,778
Bedford	2,771,725	3,602,629	852,262	7,226,616	Lafollette	1,434,179	1,475,161	734,276	3,643,616
Benton	1,759,169	1,638,032	756,336	4,153,537	Lake	1,450,228	1,187,985	809,935	3,448,148
Bledsoe	1,579,816	1,725,494	895,283	4,200,593	Lauderdale	2,147,448	2,282,823	668,991	5,099,262
Blount	6,396,609	8,317,970	1,317,310	16,031,889	Lawrence	2,793,951	3,532,464	949,254	7,275,668
Bradley	5,185,054	7,626,699	1,271,784	14,083,538	Lewis	1,537,764	1,522,239	742,020	3,802,024
Brentwood	2,363,232	5,136,411	778,622	8,278,264	Lincoln	2,547,302	2,589,134	799,307	5,935,743
Bristol	2,062,694	2,917,925	841,617	5,822,237	Loudon	2,848,718	3,516,220	999,460	7,364,398
Campbell	2,502,872	2,844,167	865,258	6,212,297	Macon	2,109,734	2,498,303	837,658	5,445,695
Cannon	1,619,148	1,727,021	791,176	4,137,345	Madison	5,256,685	6,855,692	1,025,957	13,138,334
Carroll	2,342,084	2,426,965	874,836	5,643,885	Marion	2,189,200	2,167,580	813,828	5,170,608
Carter	3,408,962	4,564,295	978,704	8,951,961	Marshall	2,233,121	3,036,401	863,606	6,133,128
Cheatham	2,662,339	2,893,323	855,135	6,410,796	Maury	4,568,945	6,609,566	1,118,424	12,296,935
Chester	1,830,387	1,720,572	764,186	4,315,145	McMinn	3,280,509	3,595,039	842,780	7,718,328
Claiborne	2.563.588	3,152,360	704,100	6.513.127	McNairy	2.188.577	2,398,196	807,454	5,394,227
	, ,		,		,	,,-		,	
Clay	1,462,833	1,512,945	891,931	3,867,709	Meigs	1,504,503	1,475,288	853,960	3,833,752
Clinton	1,382,443	1,344,625	744,945	3,472,013	Monroe	2,822,993	2,906,646	844,978	6,574,618
Cocke	2,528,825	3,149,573	826,801	6,505,200	Montgomery	7,547,834	11,567,128	1,515,690	20,630,652
Coffee	3,249,786	3,704,863	892,540	7,847,189	Moore	1,386,321	1,170,915	729,993	3,287,229
Crockett	1,605,322	1,496,741	753,870	3,855,932	Morgan	1,966,755	2,143,238	761,726	4,871,719
Cumberland	3,310,847	5,162,809	869,097	9,342,753	Oak Ridge	2,078,648	3,097,205	779,666	5,955,518
Davidson	29,306,750	38,907,881	2,832,356	71,046,986	Obion	2,536,656	3,189,656	869,936	6,596,249
Decatur	1,606,419	1,513,470	882,406	4,002,295	Overton-Pickett	3,367,188	3,811,359	1,468,873	8,647,420
DeKalb	1,952,013	2,429,688	797,473	5,179,174	Perry	1,484,824	1,553,973	912,193	3,950,990
Dickson	2,955,647	2,938,774	841,683	6,736,104	Polk	1,754,846	1,649,880	929,890	4,334,617
Dyer	2,836,033	3,607,847	811,809	7,255,689	Putnam	3,734,783	4,680,373	949,173	9,364,328
Fayette	2,559,195	3,106,064	803,683	6,468,943	Rhea	2,387,802	2,932,544	840,979	6,161,325
Fentress	1,940,116	1,960,623	818,990	4,719,728	Roane	3,297,766	3,844,190	861,122	8,003,078
Franklin	2,678,281	2,896,229	823,154	6,397,665	Robertson	3,456,883	4,778,484	857,697	9,093,064
Gibson	3,037,793	4,539,136	868,959	8,445,888	Rutherford	9,542,899	10,315,773	1,256,292	21,114,964
Giles	2,296,848	3,136,662	802,509	6,236,020	Scott	2,030,954	1,952,615	841,204	4,824,773
Grainger	2,060,049	2,292,395	1,096,090	5,448,534	Sequatchie	1,561,025	1,831,639	895,947	4,288,612
Greene	3,596,042	4,338,530	864,945	8,799,517	Sevier	4,779,201	6,464,362	1,058,116	12,301,679
Grundy	1,632,295	1,855,647	851,282	4,339,225	Shelby	39,392,065	54,542,998	3,339,329	97,274,392
Hamblen	3,541,249	5,302,780	973,914	9,817,943	Smith	1,898,073	1,809,881	758,257	4,466,211
Hamilton	21,167,831	30,354,370	1,854,636	53.376.837	Stewart	1,590,858	1,597,430	744,337	3,932,625
Hancock	1,426,271	1,334,964	731,695	3,492,930	Sullivan	4,939,158	6,006,769	1,042,996	11,988,923
Hardeman	2,248,055	2,200,299	780,625	5,228,979	Sumner	7,469,597	8,353,324	1,062,882	16,885,803
Hardin	2,132,166	2,538,630	814,694	5,485,490	Tipton	3,348,428	4,299,194	859,277	8,506,898
Hawkins	3,322,899	4,287,471	1,035,213	8,645,583	Trousdale	1,320,481	1,246,293	732,766	3,299,540
Haywood	1,976,466	1,825,217	762,483	4,564,165	Unicoi	1,921,112	2,153,317	767,999	4,842,428
Henderson	2,150,413	2,368,441	814,069	5,332,923	Union	1,904,654	1,832,794	777,954	4,515,402
Henry	2,541,484	2,739,629	832,829	6,113,942	Van Buren	1,384,225	1,368,631	832,092	3,584,948
Hickman	2,081,704	1,963,038	767,470	4,812,212	Warren	2,800,903	3,978,364	768,028	7,547,295
Houston	1,470,569	1,578,866	751,843	3,801,277	Washington	6,541,003	10,778,279	1,271,462	18,590,744
Humphreys	1,978,044	2,243,281	758,254	4,979,579	Wayne	1,772,973	1,846,966	796,786	4,416,725
Jackson	1,553,122	1,660,381	801,220	4,014,723	Weakley	2,713,507	2,655,377	939,064	6,307,947
Jefferson	3,019,859	4,134,833	921,055	8,075,746	White	2,121,316	2,840,139	939,858	5,901,314
Johnson	1,920,866	2,206,058	779,448	4,906,372	Williamson	6,718,592	9,302,094	1,058,720	17,079,406
Kingsport	2,982,399	4,478,096	1,007,931	8,468,425	Wilson	5,891,088	6,768,823	1,024,800	13,684,711
					Grand Total	380,052,705	482,560,538	95,011,831	957,625,074

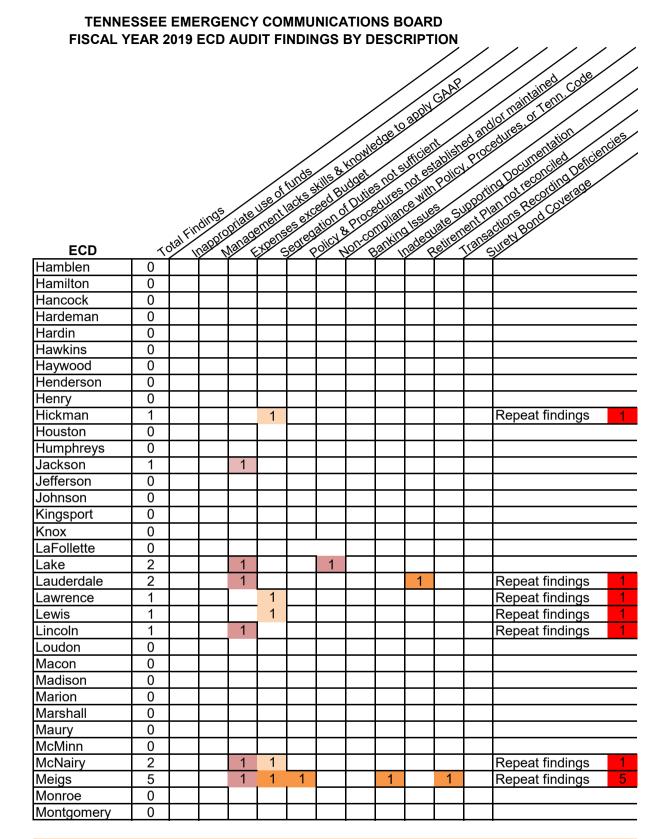
Note: Cash basis shown here may differ from accrual basis. \* ROF = Recurring Operational Funding



A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

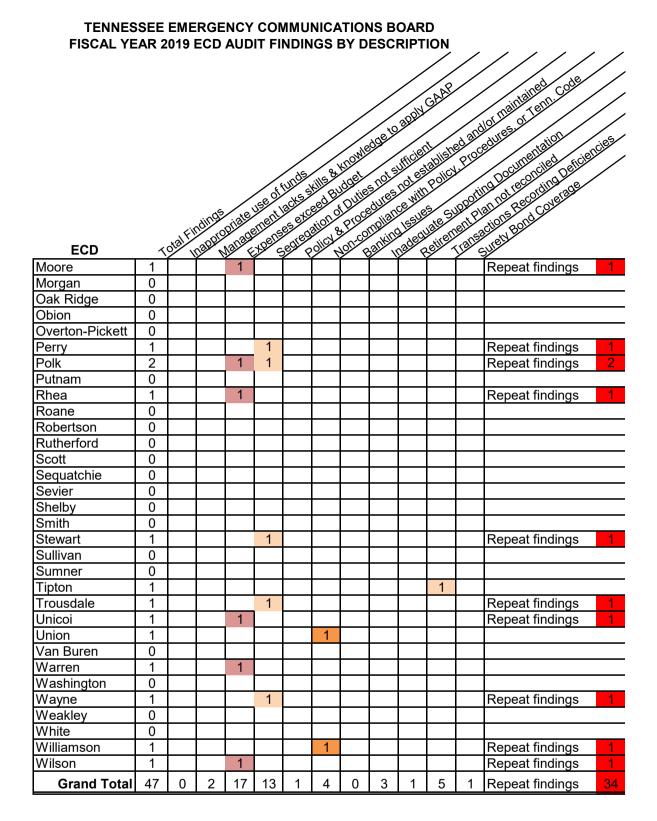
A compliance issue results from requirements of certain provisions of laws, regulations, contracts, and grant agreements. Noncompliance could have a direct and material effect on the determination of financial statement amounts. Material instances of noncompliance are required to be reported under Government Auditing



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1	ENNESSEE EM	ERGENCY C	OMMUNICATIO	INS BOARD				
Emergency Communications Districts - Base Amount and Adjustments 6/30/20								
Emergency Communications District	Base Established 8/3/16	Subsidy Established 5/2/18	Agreed Annual Deductions	FY2019 Total Base Funding				
Anderson	403,494	32,000		435,494				
Bedford	611,706	16,000		627,706				
Benton	286,236	0	(12,000)	274,236				
Bledsoe	292,854	8,000		300,854				
Blount	1,426,740	20,000		1,446,740				
Bradley	1,292,694	40,000		1,332,694				
Brentwood	864,126	44,000		908,126				
Bristol	497,574	24,000		521,574				
Campbell	479,820	12,000		491,820				
Cannon	291,630	12,000		303,630				
Carroll	412,920	20,000		432,920				
Carter	775,092	20,000		795,092				
Cheatham	492,036	16,000		508,036				
Chester	299,784	1,408	(12,000)	289,192				
Claiborne	534,510	16,000	(12,000)	550,510				
Clay	254,928	12,000		266,928				
Clinton	234,928	8,000		236,966				
Cocke	537,756	12,000		549,756				
Cocke				· · · · · · · · · · · · · · · · · · ·				
-	635,334	24,000		659,334				
Crockett	253,980	12,000		265,980				
Cumberland	877,776	24,000		901,776				
Davidson	6,684,210	196,000		6,880,210				
Decatur	257,106	12,000		269,106				
DeKalb	412,098	12,000	(10.000)	424,098				
Dickson	515,160	2,452	(16,000)	501,612				
Dyer	610,746	32,000		642,746				
Fayette	537,174	4,749	(20,000)	521,923				
Fentress	333,468	16,000		349,468				
Franklin	494,568	20,000		514,568				
Gibson	763,350	40,000		803,350				
Giles	543,360	0	(16,000)	527,360				
Grainger	388,560	12,000		400,560				
Greene	748,464	12,000		760,464				
Grundy	315,168	8,000		323,168				
Hamblen	904,362	28,000	(28,000)	904,362				
Hamilton	5,095,614	292,000		5,387,614				
Hancock	225,900	8,000		233,900				
Hardeman	380,580	12,000	(12,000)	380,580				
Hardin	435,864	12,000		447,864				
Hawkins	734,580	16,000		750,580				
Haywood	318,876	3,185	(16,000)	306,061				
Henderson	405,750	12,000		417,750				
Henry	467,784	20,000		487,784				
Hickman	334,974	12,000		346,974				
Houston	264,744	16,000		280,744				
Humphreys	378,654	16,000		394,654				
Jackson	282,414	8,000	(8,000)	282,414				
Jefferson	702,786	24,000	(-,000)	726,786				
Johnson	373,758	12,000		385,758				
Kingsport	769,230	36,000		805,230				
Knox	5,938,206	48,000		5,986,206				
Lafollette	249,936	8,000		257,936				
Lake	243,330	8,000		209,414				

TENNESSEE EMERGENCY COMMUNICATIONS BOARD							
Emergency (	Communications	s Districts - B	ase Amount a	nd Adjustments 6/30/20			
Emergency Communications District	Base Established 8/3/16	Subsidy Established 5/2/18	Agreed Annual Deductions	FY2019 Total Base Funding			
Lawrence	601,494	16,000	(20,000)	597,494			
Lewis	259,992	8,000		267,992			
Lincoln	442,776	16,000		458,776			
Loudon	591,444	44,000		635,444			
Macon	422,376	16,000		438,376			
Madison	1,194,906	64,000	(52,000)	1,206,906			
Marion	366,372	24,000		390,372			
Marshall	528,432	2,749	(28,000)	503,181			
Maury	1,141,992	0	(24,000)	1,117,992			
McMinn	612,204	32,000		644,204			
McNairy	408,282	12,000		420,282			
Meigs	248,472	12,000		260,472			
Monroe	499,842	16,000	(16,000)	499,842			
Montgomery	1,971,228	32,000	(10,000)	2,003,228			
Moore	197,094	12,000		209,094			
Morgan	362,988	12,000		374,988			
Oak Ridge	525,054	16,000		541,054			
Obion	554,196	3,342	(12,000)	545,538			
Overton Pickett	644,520	24,000	(12,000)	668,520			
	263,562	4,000		267,562			
Perry Polk							
	279,096	16,000		295,096			
Putnam	800,646	36,000		836,646			
Rhea	496,824	16,000	(04.000)	512,824			
Roane	664,518	6,093	(24,000)	646,611			
Robertson	808,842	28,000		836,842			
Rutherford	1,736,058	164,000		1,900,058			
Scott	335,226	8,000		343,226			
Sequatchie	311,052	8,000		319,052			
Sevier	1,091,250	96,000		1,187,250			
Shelby	9,327,186	408,000		9,735,186			
Smith	308,958	8,000		316,958			
Stewart	271,986	8,000		279,986			
Sullivan	1,019,424	28,000		1,047,424			
Sumner	1,421,196	72,000		1,493,196			
Tipton	729,642	20,000		749,642			
Trousdale	211,470	8,000		219,470			
Unicoi	364,716	12,000		376,716			
Union	311,250	8,000		319,250			
Van Buren	231,672	8,000		239,672			
Warren	673,152	24,000		697,152			
Washington	1,839,444	48,000	(52,000)	1,835,444			
Wayne	314,844	8,000	(,•)	322,844			
Weakley	451,836	20,000		471,836			
White	479,496	20,000		499,496			
Williamson	1,581,396	88,000		1,669,396			
Wilson	1,160,154	56,000	(56,000)	1,160,154			
	82,272,690	2,919,978	(432,000)	84,760,668			
	02,272,090	2,919,978	(432,000)	04, <i>1</i> 00,668			



Tennessee Emergency Communications Board, Authorization No.335557 March 2021, copies 40. This public document was promulgated at a cost of \$5.17 per copy.