

Appendix J: Comparison of Amounts Distributed to ECDs Using the Current Distribution Model and Four Alternative Models

Emergency Communications District	Actual Base Distribution in Fiscal Year 2016*	Actual Base Plus Excess Distribution Fiscal Year 2016	Call Volume Distribution	Population Distribution	Base plus Call Volume for Excess Distribution	Base plus Population for Excess Distribution
Anderson	\$ 390,210	\$ 397,728	\$ 442,532	\$ 503,040	\$ 398,575	\$ 399,719
Bedford	611,706	623,492	357,020	580,925	618,455	622,687
Benton	281,904	287,335	122,293	212,590	284,216	285,922
Bledsoe	292,854	298,496	67,008	166,008	294,121	295,992
Blount	1,395,630	1,422,519	1,346,197	1,585,947	1,421,076	1,425,608
Bradley	1,292,694	1,317,600	1,373,070	1,275,914	1,318,648	1,316,812
Brentwood	864,126	880,775	157,710	477,808	867,107	873,158
Bristol	473,664	482,790	231,151	344,264	478,033	480,171
Campbell	479,820	489,065	383,769	428,816	487,074	487,926
Cannon	291,630	297,249	65,071	177,934	292,860	294,993
Carroll	396,564	404,204	185,402	367,729	400,069	403,515
Carter	775,092	790,025	642,910	740,358	787,245	789,087
Cheatham	484,602	493,939	271,609	504,174	489,736	494,132
Chester	291,342	296,955	152,544	220,867	294,225	295,517
Claiborne	534,510	544,808	439,154	415,317	542,811	542,361
Clay	254,928	259,840	27,668	101,351	255,451	256,844
Clinton	223,554	227,861	82,953	126,878	225,122	225,952
Cocke	529,164	539,359	472,335	459,784	538,092	537,855
Coffee	600,504	612,074	565,173	680,690	611,187	613,371
Crockett	246,954	251,712	121,673	188,055	249,254	250,509
Cumberland	871,794	888,591	499,009	722,682	881,227	885,454
Davidson	6,352,152	6,474,537	10,017,063	8,079,694	6,541,499	6,504,878
Decatur	249,090	253,889	130,340	151,581	251,554	251,955
DeKalb	412,098	420,038	123,039	241,393	414,424	416,661
Dickson	487,764	497,162	475,117	640,335	496,745	499,868
Dyer	595,050	606,515	418,391	494,247	602,959	604,392
Fayette	537,174	547,524	398,994	495,252	544,716	546,536
Fentress	320,898	327,081	106,622	231,542	322,913	325,275
Franklin	473,622	482,747	234,652	529,277	478,058	483,627
Gibson	763,350	778,057	450,727	640,555	771,870	775,458
Giles	543,360	553,829	353,593	380,145	550,044	550,546
Grainger	388,560	396,046	151,451	292,113	391,423	394,082
Greene	713,502	727,249	617,354	887,427	725,172	730,277
Grundy	315,168	321,240	147,974	176,671	317,965	318,508
Hamblen	894,924	912,166	792,275	806,369	909,900	910,166
Hamilton	5,095,614	5,193,789	5,180,510	4,337,962	5,193,539	5,177,612

Emergency Communications District	Actual Base Distribution in Fiscal Year 2016*	Actual Base Plus Excess Distribution Fiscal Year 2016	Call Volume Distribution	Population Distribution	Base plus Call Volume for Excess Distribution	Base plus Population for Excess Distribution
Hancock	225,900	230,252	42,346	87,916	226,700	227,562
Hardeman	368,166	375,259	357,766	351,368	374,929	374,808
Hardin	416,328	424,349	360,125	335,549	423,135	422,671
Hawkins	713,610	727,359	460,016	695,942	722,305	726,765
Haywood	311,136	317,131	347,334	242,218	317,701	315,715
Henderson	389,808	397,318	321,703	358,021	395,889	396,575
Henry	446,592	455,196	215,876	416,825	450,673	454,471
Hickman	323,916	330,157	187,911	318,324	327,468	329,933
Houston	264,744	269,845	34,845	108,635	265,403	266,797
Humphreys	378,654	385,949	153,190	239,007	381,550	383,172
Jackson	282,414	287,855	41,799	150,047	283,204	285,250
Jefferson	692,004	705,337	554,692	662,782	702,489	704,532
Johnson	373,758	380,959	98,923	235,217	375,628	378,204
Kingsport	712,182	725,903	543,838	621,499	722,462	723,930
Knox	5,938,206	6,052,615	6,175,374	5,572,618	6,054,936	6,043,542
LaFollette	249,936	254,751	188,507	96,129	253,499	251,753
Lake	198,678	202,506	52,578	100,977	199,672	200,587
Lauderdale	389,958	397,471	346,366	358,614	396,505	396,737
Lawrence	601,494	613,083	352,078	539,810	608,149	611,698
Lewis	252,372	257,234	99,693	156,790	254,256	255,336
Lincoln	424,242	432,416	231,300	430,118	428,614	432,372
Loudon	572,430	583,459	444,618	626,024	580,834	584,263
Macon	422,376	430,514	97,134	286,840	424,212	427,798
Madison	1,115,310	1,136,798	1,961,688	1,267,288	1,152,391	1,139,265
Marion	352,290	359,077	333,650	364,055	358,597	359,172
Marshall	528,432	538,613	204,476	394,740	532,297	535,894
Maury	1,141,992	1,163,994	745,012	1,043,752	1,156,075	1,161,722
McMinn	582,480	593,702	648,722	673,857	594,742	595,218
McNairy	402,204	409,953	304,343	336,181	407,957	408,559
Meigs	248,472	253,259	129,024	151,529	250,911	251,336
Monroe	481,482	490,759	434,311	573,976	489,692	492,332
Montgomery	1,971,228	2,009,207	2,377,545	2,221,835	2,016,170	2,013,226
Moore	194,004	197,742	29,878	82,024	194,569	195,554
Morgan	362,988	369,982	138,859	283,475	365,613	368,346
Oak Ridge	525,054	535,170	326,075	378,147	531,218	532,202
Obion	536,064	546,392	304,666	410,082	541,823	543,816
Overton-Pickett	644,520	656,938	132,377	350,169	647,022	651,139
Perry	263,562	268,640	65,394	102,047	264,798	265,491

Emergency Communications District	Actual Base Distribution in Fiscal Year 2016*	Actual Base Plus Excess Distribution Fiscal Year 2016	Call Volume Distribution	Population Distribution	Base plus Call Volume for Excess Distribution	Base plus Population for Excess Distribution
Polk	270,738	275,954	198,342	216,922	274,487	274,838
Putnam	756,126	770,694	565,247	932,423	766,811	773,751
Rhea	496,824	506,396	319,766	410,108	502,868	504,576
Roane	664,518	677,321	607,270	659,107	675,997	676,977
Robertson	808,842	824,426	731,923	854,576	822,677	824,996
Rutherford	1,627,038	1,658,386	2,093,990	3,385,710	1,666,620	1,691,036
Scott	322,044	328,249	168,315	286,582	325,226	327,461
Sequatchie	311,052	317,045	139,207	181,944	313,683	314,491
Sevier	1,019,718	1,039,365	1,165,985	1,158,924	1,041,758	1,041,625
Shelby	8,837,052	9,007,312	20,896,513	11,959,960	9,232,048	9,063,125
Smith	302,676	308,508	106,398	247,104	304,687	307,347
Stewart	267,810	272,970	107,764	171,784	269,847	271,057
Sullivan	1,019,424	1,039,065	827,865	1,092,926	1,035,073	1,040,083
Sumner	1,360,488	1,386,700	1,116,189	2,071,169	1,381,587	1,399,638
Tipton	729,642	743,700	619,614	787,507	741,354	744,528
Trousdale	208,506	212,523	40,707	101,467	209,275	210,424
Unicoi	364,716	371,743	144,572	236,106	367,449	369,179
Union	311,250	317,247	166,874	246,369	314,404	315,907
Van Buren	231,672	236,136	38,099	71,529	232,392	233,024
Warren	673,152	686,121	276,005	513,638	678,369	682,861
Washington	1,839,444	1,874,884	1,856,084	1,585,548	1,874,529	1,869,415
Wayne	310,374	316,354	103,269	219,449	312,326	314,522
Weakley	436,416	444,824	191,934	451,520	440,044	444,951
White	479,496	488,734	184,136	333,164	482,977	485,794
Williamson	1,507,320	1,536,361	926,316	1,883,927	1,524,830	1,542,931
Wilson	1,091,796	1,112,831	778,516	1,469,693	1,106,512	1,119,577
Total	\$ 80,272,692	\$ 81,819,277	\$ 81,819,280	\$ 81,819,277	\$ 81,819,280	\$ 81,819,280

*Effective July 1, 2016, 55 districts receive an increased base amount, totaling a \$2 million increase to the distribution amount statewide.

Note: Some totals are different because of rounding.

Sources: To develop the hypothetical scenarios for distributing all revenue based on call volume or population or maintaining the current base distribution while distributing any excess revenue based on call volume or population, Commission staff used call volume data, population data, and fiscal year 2016 base and excess distribution amounts received in emails from Curtis Sutton, executive director, and Jim Barnes, fiscal director, Tennessee Emergency Communications Board, February and March 2017.

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