Appendix C: State and Local Combined Lodging Tax Rates and Authorized Rates in Tennessee.

				Actual T	ax Rates						
		Sal	es Tax Rat	es	Lodging Rate	_	Total Tax	Sales Tax	Lodging T	ax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Anderson	(except Clinton, Oak Ridge, Oliver Springs, Rocky Top)	7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Anderson	Clinton	7%	2.75%		5%	3%	17.75%	2.75%	5%	5%	19.75%
Anderson	Oak Ridge	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Anderson	Oliver Springs	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Anderson	Rocky Top	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Bedford	(except Shelbyville)	7%	2.75%				9.75%	2.75%			9.75%
Bedford	Shelbyville	7%	2.75%			7%	16.75%	2.75%		10%	19.75%
Benton		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Bledsoe		7%	2.25%				9.25%	2.75%			9.75%
Blount	(except Alcoa, Louisville, Maryville, Rockford)	7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Blount	Alcoa	7%	2.75%		5%	1%	15.75%	2.75%	5%	5%	19.75%
Blount	Louisville	7%	2.75%		5%		14.75%	2.75%	5%	5%	19.75%
Blount	Maryville	7%	2.75%		5%	1%	15.75%	2.75%	5%	5%	19.75%
Blount	Rockford	7%	2.75%		5%		14.75%	2.75%	5%	5%	19.75%

									Authorized	l Tax Rates	
		Sal	es Tax Rat	es		_	Total Tax	Sales Tax	Lodging T	ax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Bradley		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Campbell	(except Caryville, Jellico, Rocky Top)	7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Campbell	Caryville	7%	2.25%			5%	14.25%	2.75%		5%	14.75%
Campbell	Jellico	7%	2.25%			5%	14.25%	2.75%		5%	14.75%
Campbell	Rocky Top	7%	2.25%	0.5%		5%	14.75%	2.75%		5%	14.75%
Cannon		7%	1.75%		5%		13.75%	2.75%	5%		14.75%
Carroll	(except Huntingdon, McKenzie)	7%	2.75%				9.75%	2.75%			9.75%
Carroll	Huntingdon	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Carroll	McKenzie	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Carter	(except Johnson City)	7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Carter	Johnson City	7%	2.75%			7%	16.75%	2.75%		7%	16.75%
Cheatham	(except Ashland City, Kingston Springs, Pegram)	7%	2.25%		5%		14.25%	2.75%	10%		19.75%
Cheatham	Ashland City	7%	2.25%	0.5%	5%		14.75%	2.75%	10%		19.75%

			1	Actual T	ax Rates				Authorized	l Tax Rates	
		Sal	es Tax Rate	es	Lodging Rate	_	Total Tax	Sales Tax	Lodging T	ax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Cheatham	Kingston Springs	7%	2.25%	0.5%	5%		14.75%	2.75%	10%		19.75%
Cheatham	Pegram	7%	2.25%	0.5%	5%		14.75%	2.75%	10%		19.75%
Chester	(except Henderson)	7%	2.75%		4%		13.75%	2.75%	4%		13.75%
Chester	Henderson	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Claiborne		7%	2.25%		3%		12.25%	2.75%	3%		12.75%
Clay		7%	2.75%		2.5%		12.25%	2.75%	2.5%		12.25%
Cocke	(except Newport)	7%	2.75%		3%		12.75%	2.75%	3%		12.75%
Cocke	Newport	7%	2.75%		3%	2%	14.75%	2.75%	3%	5%	17.75%
Coffee	(except Manchester, Tullahoma)	7%	2.75%				9.75%	2.75%			9.75%
Coffee	Manchester	7%	2.75%			6%	15.75%	2.75%		6%	15.75%
Coffee	Tullahoma	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Crockett		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Cumberland		7%	2.75%		7.5%		17.25%	2.75%	7.5%		17.25%
Davidson	(except Goodlettsville)	7%	2.25%		6%		15.25%	2.75%	6%		15.75%
Davidson	Goodlettsville	7%	2.25%		6%	3%	18.25%	2.75%	6%	3%	18.75%

				Actual T	ax Rates				Authorized	l Tax Rates	
		Sal	es Tax Rat	es	Lodging Rate	_	Total Tax	Sales Tax	Lodging T	ax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Decatur		7%	2.50%		5%		14.50%	2.75%	5%		14.75%
DeKalb		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Dickson	(except Dickson)	7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Dickson	Dickson	7%	2.75%		5%	5%	19.75%	2.75%	5%	5%	19.75%
Dyer	(except Dyersburg)	7%	2.75%				9.75%	2.75%			9.75%
Dyer	Dyersburg	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Fayette	(except Piperton)	7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Fayette	Piperton	7%	2.25%	0.5%	5%		14.75%	2.75%	5%		14.75%
Fentress		7%	2.50%		5%		14.50%	2.75%	5%		14.75%
Franklin	(except, Tullahoma, Winchester)	7%	2.25%		7%		16.25%	2.75%	7%		16.75%
Franklin	Tullahoma	7%	2.25%			5%	14.25%	2.75%		5%	14.75%
Franklin	Winchester	7%	2.25%			5%	14.25%	2.75%		5%	14.75%
Gibson		7%	2.75%		4%		13.75%	2.75%	4%		13.75%
Giles	(except Pulaski)	7%	2.50%		5%		14.50%	2.75%	5%		14.75%
Giles	Pulaski	7%	2.50%	0.25%	5%		14.75%	2.75%	5%		14.75%

									Authorized	l Tax Rates	
		Sal	es Tax Rat	es	Lodging Rate		Total Tax	Sales Tax	Lodging T	ax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Grainger	(except Bean Station)	7%	2.75%				9.75%	2.75%			9.75%
Grainger	Bean Station	7%	2.75%			1%	10.75%	2.75%		1%	10.75%
Greene		7%	2.75%		7%		16.75%	2.75%	7%		16.75%
Grundy	(except Monteagle)	7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Grundy	Monteagle	7%	2.25%		5%	5%	19.25%	2.75%	5%	5%	19.75%
Hamblen	(except Morristown)	7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Hamblen	Morristown	7%	2.75%			7%	16.75%	2.75%		7%	16.75%
Hamilton	(except Chattanooga, Collegedale, East Ridge)	7%	2.25%	1	4%		13.25%	2.75%	4%		13.75%
Hamilton	Chattanooga	7%	2.25%		4%	4%	17.25%	2.75%	4%	5%	18.75%
Hamilton	Collegedale	7%	2.25%		4%	4%	17.25%	2.75%	4%	5%	18.75%
Hamilton	East Ridge	7%	2.25%		4%	4%	17.25%	2.75%	4%	5%	18.75%
Hamilton	Lakesite	7%	2.25%		4%		13.25%	2.75%	4%	5%	18.75%
Hamilton	Red Bank	7%	2.25%		4%		13.25%	2.75%	4%	5%	18.75%
Hamilton	Soddy-Daisy	7%	2.25%		4%		13.25%	2.75%	4%	5%	18.75%
Hamilton	Walden	7%	2.25%		4%		13.25%	2.75%	4%	5%	18.75%

									Authorized	d Tax Rates	
		Sal	es Tax Rat	es		_	Total Tax	Sales Tax	Lodging 1	Tax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Hancock		7%	2.00%				9.00%	2.75%			9.75%
Hardeman		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Hardin	(except Adamsville, Savannah)	7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Hardin	Adamsville	7%	2.50%		5%	5%	19.50%	2.75%	5%	5%	19.75%
Hardin	Savannah	7%	2.75%		5%	5%	19.75%	2.75%	5%	5%	19.75%
Hawkins	(except Kingsport, Rogersville)	7%	2.75%				9.75%	2.75%			9.75%
Hawkins	Kingsport	7%	2.75%			7%	16.75%	2.75%		7%	16.75%
Hawkins	Rogersville	7%	2.75%			7%	16.75%	2.75%		7%	16.75%
Haywood		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Henderson	(except Lexington)	7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Henderson	Lexington	7%	2.75%		5%	5%	19.75%	2.75%	5%	Unlimited	Unlimited
Henry		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Henry	McKenzie	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Hickman		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Houston		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Humphreys		7%	2.75%		5%		14.75%	2.75%	5%		14.75%

				Actual T	ax Rates				Authorized	Tax Rates	
		Sal	es Tax Rate	es	Lodging Rate	=	Total Tax	Sales Tax	Lodging T	ax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Jackson		7%	2.75%				9.75%	2.75%			9.75%
Jefferson		7%	2.75%		4%		13.75%	2.75%	4%		13.75%
Johnson	(except Mountain City)	7%	1.50%		5%		13.50%	2.75%	5%		14.75%
Johnson	Mountain City	7%	1.50%			5%	13.50%	2.75%		5%	14.75%
Knox	(except Knoxville)	7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Knox	Knoxville	7%	2.25%		5%	3%	17.25%	2.75%	5%	5%	19.75%
Lake		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Lauderdale		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Lawrence		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Lewis		7%	2.50%		7%		16.50%	2.75%	7%		16.75%
Lincoln	(except Fayetteville)	7%	2.50%		5%		14.50%	2.75%	5%		14.75%
Lincoln	Fayetteville	7%	2.50%		5%	3.5%	18.00%	2.75%	5%	5%	19.75%
Loudon	(except Lenoir City, Loudon)	7%	2.00%		5%		14.00%	2.75%	5%		14.75%
Loudon	Lenoir City	7%	2.00%		5%	5%	19.00%	2.75%	5%	5%	19.75%
Loudon	Loudon	7%	2.00%	0.5%	5%		14.50%	2.75%	5%		14.75%

				Actual T	ax Rates				Authorized	l Tax Rates	
		Sal	es Tax Rat	es	Lodging Rate	_	Total Tax	Sales Tax	Lodging 1	ax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
McMinn	(except Etowah, Sweetwater)	7%	2.00%		5%		14.00%	2.75%	5%		14.75%
McMinn	Etowah	7%	2.00%		5%	5%	19.00%	2.75%	5%	5%	19.75%
McMinn	Sweetwater	7%	2.00%	0.75%	5%		14.75%	2.75%	5%	5%	19.75%
McNairy	(except Adamsville, Selmer)	7%	2.25%	(X	9.25%	2.75%			9.75%
McNairy	Adamsville	7%	2.25%	0.5%		5%	14.75%	2.75%		5%	14.75%
McNairy	Selmer	7%	2.25%			5%	14.25%	2.75%		5%	14.75%
Macon		7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Madison	(except Jackson)	7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Madison	Jackson	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Marion	(except Kimball, Monteagle)	7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Marion	Kimball	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Marion	Monteagle	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Marion	Whitwell	7%	2.75%				9.75%	2.75%	5%	5%	19.75%
Marshall		7%	2.25%		7%		16.25%	2.75%	7%		16.75%
Maury		7%	2.25%		5%		14.25%	2.75%	5%		14.75%

			Actual Tax Rates Lodging Tax Sales Tax Rates Rates						Authorized	l Tax Rates	
		Sal	es Tax Rat	es		_	Total Tax	Sales Tax	Lodging T	ax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Maury	Columbia	7%	2.25%		5%	5%	19.25%	2.75%	5%	5%	19.75%
Meigs		7%	2.00%		5%		14.00%	2.75%	5%		14.75%
Monroe	(except Sweetwater)	7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Monroe	Sweetwater	7%	2.25%	0.5%	5%		14.75%	2.75%	5%	5%	19.75%
Montgomery	(except Clarksville)	7%	2.50%		5%		14.50%	2.75%	5%		14.75%
Montgomery	Clarksville	7%	2.50%		5%		14.50%	2.75%	5%		14.75%
Moore		7%	2.50%		3%		12.50%	2.75%	3%		12.75%
Morgan	(except Oliver Springs, Sunbright, Wartburg)	7%	2.00%				9.00%	2.75%			9.75%
Morgan	Oliver Springs	7%	2.00%	0.75%		5%	14.75%	2.75%		5%	14.75%
Morgan	Sunbright	7%	2.00%	0.75%			9.75%	2.75%			9.75%
Morgan	Wartburg	7%	2.00%	0.75%			9.75%	2.75%			9.75%
Obion	(except Samburg, Union City)	7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Obion	Samburg	7%	2.75%			3%	12.75%	2.75%		5%	14.75%
Obion	Union City	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Overton		7%	2.50%		5%		14.50%	2.75%	5%		14.75%

									Authorized	l Tax Rates	
		Sal	es Tax Rat	es		-	Total Tax	Sales Tax	Lodging 1	ax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Perry		7%	2.50%		5%	(14.50%	2.75%	5%		14.75%
Pickett		7%	2.75%				9.75%	2.75%			9.75%
Polk	(except Benton)	7%	2.25%		3%		12.25%	2.75%	3%		12.75%
Polk	Benton	7%	2.25%	0.5%	3%		12.75%	2.75%	3%		12.75%
Putnam		7%	2.75%		6%		15.75%	2.75%	6%		15.75%
Rhea		7%	2.75%		2%		11.75%	2.75%	5%		14.75%
Roane	(except Harriman, Kingston, Oak Ridge, Oliver Springs)	7%	2.50%	5	5%		14.50%	2.75%	5%		14.75%
Roane	Kingston	7%	2.50%		5%	5%	19.50%	2.75%	5%	5%	19.75%
Roane	Oak Ridge	7%	2.50%	0.25%		5%	14.75%	2.75%		5%	14.75%
Roane	Oliver Springs	7%	2.50%	0.25%		5%	14.75%	2.75%		5%	14.75%
Roane	Harriman	7%	2.50%			7%	16.50%	2.75%		7%	16.75%
Robertson		7%	2.75%		7%		16.75%	2.75%	7%		16.75%
Rutherford	(except LaVergne, Murfreesboro, Smyrna)	7%	2.75%		2.5%		12.25%	2.75%	5%		14.75%
Rutherford	LaVergne	7%	2.75%		2.5%	2.5%	14.75%	2.75%	5%	2.5%	17.25%

			Actual Tax Rates Lodging Tax Sales Tax Rates Rates						Authorized	l Tax Rates	
		Sal	es Tax Rat	es	s Rates		Total Tax	Sales Tax	Lodging 1	ax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Rutherford	Murfreesboro	7%	2.75%		2.5%	2.5%	14.75%	2.75%	5%	2.5%	17.25%
Rutherford	Smyrna	7%	2.75%		2.5%	2.5%	14.75%	2.75%	5%	2.5%	17.25%
Scott		7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Sequatchie		7%	2.25%		2%		11.25%	2.75%	4%		13.75%
Sevier	(except Gatlinburg, Pigeon Forge, Pittman Center, Sevierville)	7%	2.75%		3%		12.75%	2.75%	3%		12.75%
Sevier	Gatlinburg	7%	2.75%			3%	12.75%	2.75%		3%	12.75%
Sevier	Pigeon Forge	7%	2.75%			2.5%	12.25%	2.75%		3%	12.75%
Sevier	Pittman Center	7%	2.75%			3%	12.75%	2.75%		3%	12.75%
Sevier	Sevierville	7%	2.75%			2%	11.75%	2.75%		5%	14.75%
Shelby	(except Arlington, Bartlett, Collierville, Germantown, Lakeland, Memphis, Millington)	7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Shelby	Arlington	7%	2.25%	0.5%	5%		14.75%	2.75%	5%	5%	19.75%

				Actual T	ax Rates				Authorized	l Tax Rates	
		Sal	es Tax Rat	es	Lodgin Rate		Total Tax	Sales Tax	Lodging T	ax Rates	Total Tax
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Shelby	Bartlett	7%	2.25%	0.5%	5%	5%	19.75%	2.75%	5%	5%	19.75%
Shelby	Collierville	7%	2.25%	0.5%	5%	5%	19.75%	2.75%	5%	5%	19.75%
Shelby	Germantown	7%	2.25%	0.5%	5%	5%	19.75%	2.75%	5%	5%	19.75%
Shelby	Lakeland	7%	2.25%	0.5%	5%	5%	19.75%	2.75%	5%	5%	19.75%
Shelby	Memphis	7%	2.25%		5%	1.7%	15.95%	2.75%	5%	5%	19.75%
Shelby	Millington	7%	2.25%	0.5%	5%	3%	17.75%	2.75%	5%	3%	17.75%
Smith	(except Carthage, Gordonsville)	7%	2.75%				9.75%	2.75%			9.75%
Smith	Carthage	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
Smith	Gordonsville	7%	2.75%			3%	12.75%	2.75%		3%	12.75%
Stewart	(except Dover)	7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Stewart	Dover	7%	2.25%	0.5%	5%		14.75%	2.75%	5%		14.75%
Sullivan	(except Bristol, Kingsport, and Johnson City)	7%	2.25%				9.25%	2.75%	5%		14.75%
Sullivan	Bristol	7%	2.25%			5%	14.25%	2.75%	5%	5%	19.75%
Sullivan	Kingsport	7%	2.25%	0.25%		7%	16.50%	2.75%	5%	7%	21.75%
Sullivan	Johnson City	7%	2.25%			7%	16.25%	2.75%	5%	7%	21.75%

		Actual Tax Rates					Authorized Tax Rates				
		Sales Tax Rates		Lodging Tax Rates		Total Tax	Sales Tax	Lodging Tax Rates		Total Tax	
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Sumner	(except Goodlettsville and White House)	7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Sumner	Goodlettsville	7%	2.25%		5%	3%	17.25%	2.75%	5%	3%	17.75%
Sumner	White House	7%	2.25%	0.5%	5%		14.75%	2.75%	5%		14.75%
Tipton	(except Atoka, Covington, Munford)	7%	2.25%	1	5%		14.25%	2.75%	5%		14.75%
Tipton	Atoka	7%	2.25%	0.5%	5%		14.75%	2.75%	5%		14.75%
Tipton	Covington	7%	2.25%	0.5%	5%		14.75%	2.75%	5%		14.75%
Tipton	Munford	7%	2.25%	0.5%	5%		14.75%	2.75%	5%		14.75%
Trousdale		7%	2.25%				9.25%	2.75%	3%		12.75%
Unicoi		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Union		7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Van Buren		7%	2.75%		7%		16.75%	2.75%	7%		16.75%
Warren		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Washington	(except Johnson City, Jonesborough)	7%	2.50%				9.50%	2.75%			9.75%
Washington	Johnson City	7%	2.50%			7%	16.50%	2.75%		7%	16.75%
Washington	Jonesborough	7%	2.50%			5%	14.50%	2.75%		5%	14.75%

				Actual T	ax Rates	Authorized Tax Rates					
		Sales Tax Rates		Lodging Tax Rates		Total Tax	Sales Tax	Lodging Tax Rates		Total Tax	
County	City	(State)	(County)	(City)	(County)	(City)	Rate	(Local)	(County)	(City)	Rate
Wayne		7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Weakley	(except McKenzie)	7%	2.75%		5%		14.75%	2.75%	5%		14.75%
Weakley	McKenzie	7%	2.75%			5%	14.75%	2.75%		5%	14.75%
White		7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Williamson	(except Brentwood, Fairview, Franklin)	7%	2.25%	(4%		13.25%	2.75%	4%		13.75%
Williamson	Brentwood	7%	2.25%		4%	4%	17.25%	2.75%	4%	4%	17.75%
Williamson	Fairview	7%	2.25%	0.5%	4%	2%	15.75%	2.75%	4%	2%	15.75%
Williamson	Franklin	7%	2.25%		4%	4%	17.25%	2.75%	4%	4%	17.75%
Wilson	(except Lebanon, Mt. Juliet)	7%	2.25%		5%		14.25%	2.75%	5%		14.75%
Wilson	Lebanon	7%	2.25%		5%	2%	16.25%	2.75%	5%	2%	16.75%
Wilson	Mt. Juliet	7%	2.25%		5%	4%	18.25%	2.75%	5%	5%	19.75%

Bold indicates actual rates below the rate authorized by the General Assembly.

Source: TACIR review of Tennessee Code Annotated, private acts, and various hotel and local government websites, November 2015.