

Cardiovascular Priority Populations

Priority Population Definitions CDC2304 (Cardiovascular)

CDC2304 priority populations include all Tennesseans that are at high risk for (or have already been told by a doctor they have) a cardiovascular diagnosis*. Data show that populations at the highest risk include both Black and White Tennesseans, those 55 years and older**, those with less than a high school education, and/or those living in a low-income household (<\$25K/year). These priority populations must be reached within the places where they reside, which include thirty-six (36) counties as well forty-nine (49) census tracts of interest.

**Primary cardiovascular diagnoses of interest include high blood pressure, high blood cholesterol, angina, coronary heart disease, stroke, and obesity. **For blood cholesterol screening and referral efforts, the priority populations also include American Indian, Asian, and persons under age 35.*

CDC2304 Thirty-Six (36) Priority Counties: Bedford, Benton, Campbell, Carroll, Chester, Clay, Claiborne, Cocke, Crockett, Cumberland, Decatur, Dyer, Fentress, Gibson, Giles, Grundy, Hancock, Hardeman, Hardin, Henderson, Henry, Humphreys, Johnson, Lake, Lauderdale, Lawrence, Lincoln, Marshall, McMinn, McNairy, Meigs, Obion, Perry, Polk, Scott, Unicoi

Bedford	Claiborne	Fentress	Hardin	Lauderdale	Meigs
Benton	Cocke	Gibson	Henderson	Lawrence	Obion
Campbell	Crockett	Giles	Henry	Lincoln	Perry
Carroll	Cumberland	Grundy	Humphreys	Marshall	Polk
Chester	Decatur	Hancock	Johnson	McMinn	Scott
Clay	Dyer	Hardeman	Lake	McNairy	Unicoi

**Table 1: Tennessee High Risk Priority Populations for
Cardiovascular Disease Mortality (Cause of Death)**
(2019-2021 CDC Interactive Atlas of Heart Disease and Stroke)
Tennessee State Rate (Ages 35+): 531.6 per 100,000 Population

Age

Ages 35-64 (163.6 per 100,000)

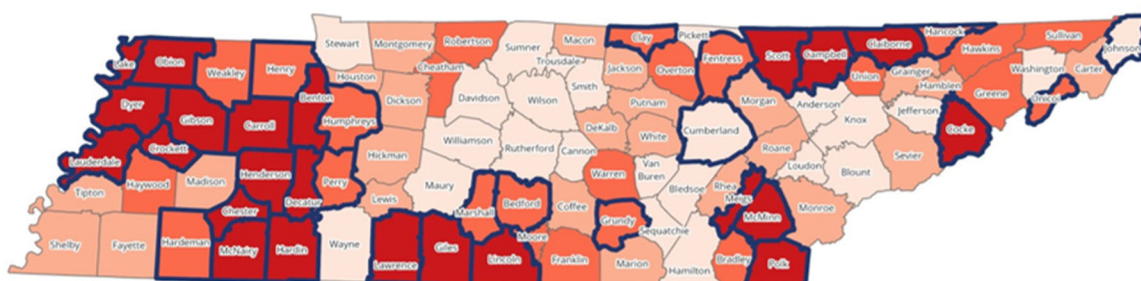
Ages 65+ (1651.7 per 100,000)

Race

Black non-Hispanic (593.8 per 100,000)

White non-Hispanic (437.7 per 100,000)

2019-2021 Cardiovascular Mortality in Tennessee by County



Priority Counties

Total Cardiovascular Death Rate Per 100,000

337.3 - 517.9

518.0 - 566.5

566.6 - 622.2

622.3 - 847.9

Note: TDH analysis conducted Spring 2025.

Data Source:
Centers for Disease Control and Prevention Interactive Atlas of Heart Disease and Stroke 2019-2021



**Table 2: Tennessee High Risk Priority Populations for
Coronary Heart Disease
(2023, BRFSS)**

Tennessee State Rate: 5.1%

Age

Ages 55-64 (8.2%)

Ages 65+ (11.9%)

Race

Black or African American/non-Hispanic (4.0%)

White non-Hispanic (5.4%)

Income

<\$15,000/year (11.8%)

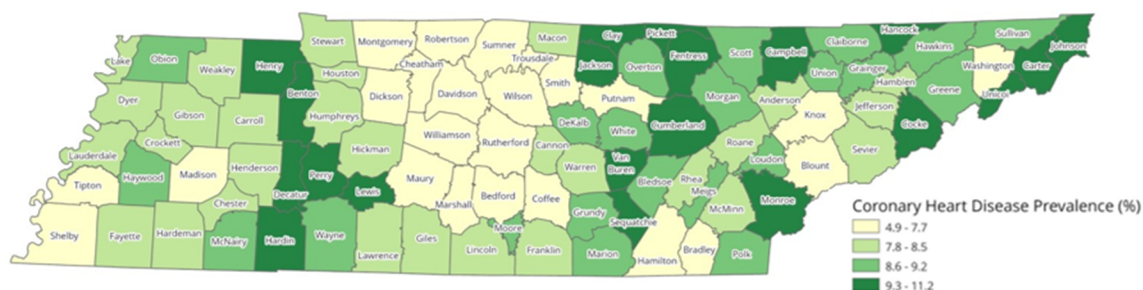
\$15,000-\$24,999/year (8.3%)

Educational Attainment

Less than High School: (10.9%)

2021 Statewide Coronary Heart Disease Prevalence by County

Crude Coronary Heart Disease Among Adults Aged 18+ Years



Note: Prevalence of coronary heart disease is the percentage of the adult population (age 18 and older) who have had angina or coronary heart disease by county which is based on 2021 estimates from the BRFSS.

Data Source:
Centers for Disease Control and Prevention/Interactive Atlas of Heart Disease and Stroke 2021



Table 3: Tennessee High Risk Priority Populations for Hypertension (High Blood Pressure) (2023, BRFSS)

Tennessee State Rate: 40.7%

Age

Ages 55-64 (54.1%)

Ages 65+ (68.3%)

Race

Black or African American/non-Hispanic (51.4%)

White /non-Hispanic (40.0%)

Income

<\$15,000/year (52.9%)

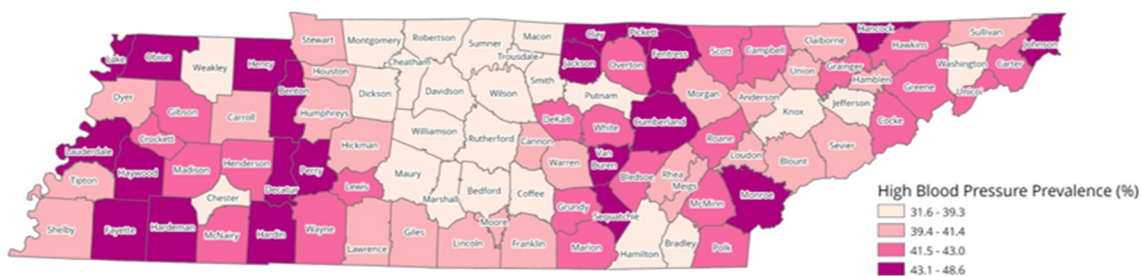
\$15,000-\$24,999/year (56.3%)

Educational Attainment

Less than High School: (51.8%)

2021 Statewide High Blood Pressure Prevalence by County

Crude High Blood Pressure Among Adults Aged 18+ Years



Note: Prevalence of high blood pressure is the percentage of the adult population (age 18 and older) who have been told they have high blood pressure by county which is based on 2021 estimates from the BRFSS.

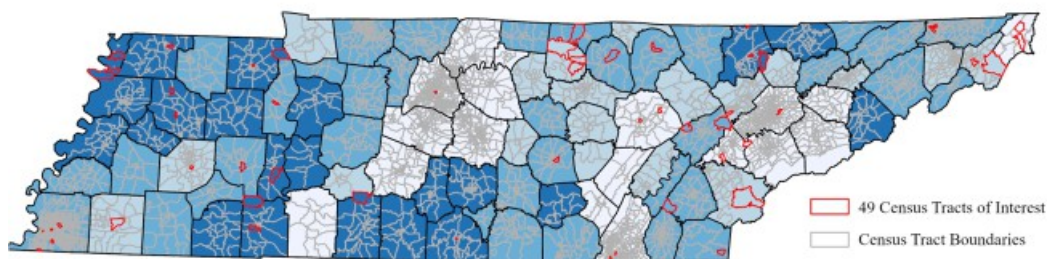
Data Source:
Centers for Disease Control and Prevention Interactive Atlas of Heart Disease and Stroke 2021



49 Priority Census Tracts and 12 Census Tract Clusters

County	County Population 18+ in Priority CTs	TN Priority CTs	CT Population 18+	Priority Indicators (10%) C,S,H,B	County CT Clusters	CT Cluster Population 18+
Anderson	3454	47001020202	3454	CHB	Cumberland/Roane/Loudon	21792
Benton	3256	47005963400	3256	CSH	Sullivan/Johnson/Carter	12568
Campbell	7832	47013950200	1888	CSHB	Henry/Benton	11004
		47013950700	3750	CSH	Monroe/McMinn/Polk	10614
		47013950900	2194	CSH	Clay/Jackson/Overton	9523
Carter	3413	47019070600	2152	CSHB	Anderson/Knox	8303
		47019071600	1261	CSHB	Campbell	7832
Clay	4006	47027955000	4006	CSHB	Shelby	7810
Cumberland	10056	47035970101	4483	CSHB	Hardin	6848
		47035970102	5573	CSHB	Gibson	6481
Davidson	1030	47037013900	1030	SHB	Henderson/Decatur	5179
Decatur	1419	47039955101	1419	CHB	Hamilton	3525
Fayette	3558	47047060501	3558	SHB		Total 111479
Fentress	3406	47049965100	3406	CSHB		Mean 9289.9
Gibson	6481	47053966700	4415	SHB		Median 8067.5
		47053966900	2066	SHB		
Hamilton	3525	47065001200	2419	SHB		An original priority county
		47065002300	1106	SHB		
Hardin	6848	47071920400	3766	CSHB		Abbreviations
		47071920600	3082	CHB		CT - census tract
Henderson	3760	47077975400	3760	SHB		C - high blood cholesterol
Henry	7748	47079969000	3452	CHB		S - stroke
		47079969500	4296	CSHB		H - coronary heart disease
Jackson	3204	47087960100	1573	CHB		B - high blood pressure
		47087960400	1631	CSHB		
Johnson	5369	47091956000	873	CHB		
		47091956300	4496	CSHB		
Knox	4849	47093002100	2227	SHB		
		47093003200	2622	SHB		
Lake	1786	47095960200	1786	CSHB		
Lauderdale	1853	47097050504	1853	SHB		
Lawrence	3876	47099960501	3876	CSH		
Lincoln	4531	47103975300	4531	CSH		
Loudon	8184	47105060501	8184	CHB		
Madison	694	47113001100	694	SB		
McMinn	4628	47107970200	4628	SHB		
Monroe	2645	47123925501	2645	CSHB		
Obion	3032	47131965600	3032	SHB		
Overton	2313	47133950302	2313	CSHB		
Polk	3341	47139950400	3341	CSHB		
Roane	3552	47145030500	3552	CSHB		
Shelby	7810	47157002800	2121	SHB		
		47157003000	2276	SHB		
		47157003700	1067	SHB		
		47157004600	987	SHB		
		47157010500	1359	SHB		
Sullivan	3786	47163040200	1630	CSHB		
		47163040700	2156	CSHB		
Warren	3105	47177930600	3105	CSHB		
Total	138350	Total	138350			

CVH Census Tracts of Interest in Tennessee



Data Source: Centers for Disease Control and Prevention Interactive Atlas of Heart Disease and Stroke, 2018-2020

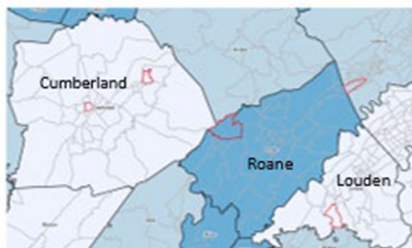
Without County Labels

**Total Cardiovascular
Disease Death Rate
Per 100,000 Persons**

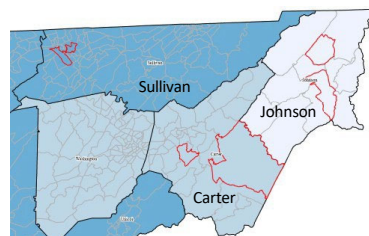
350.4 - 486.9
487.0 - 528.9
529.0 - 563.9
564.0 - 610.9
611.0 - 783.2

Priority Census Tract Clusters

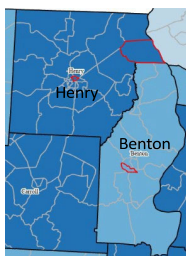
Cluster 1: Cumberland, Roane, and Loudon



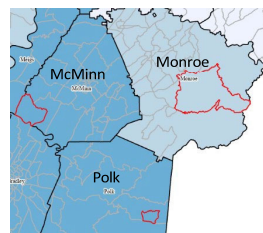
Cluster 2: Sullivan, Johnson, and Carter



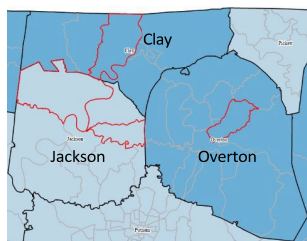
Cluster 3: Henry and Benton



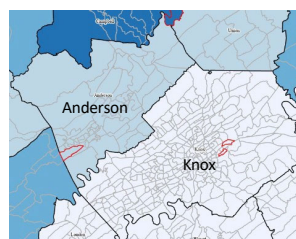
Cluster 4: McMinn, Monroe, and Polk



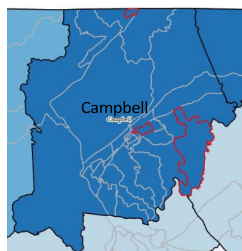
Cluster 5: Clay, Jackson, and Overton



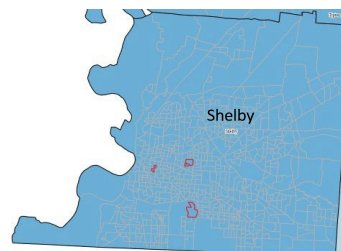
Cluster 6: Anderson and Knox



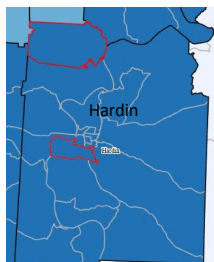
Cluster 7: Campbell



Cluster 8: Shelby



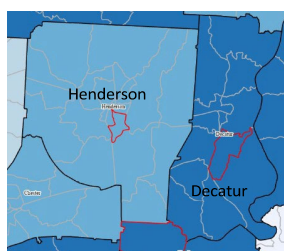
Cluster 9: Hardin



Cluster 10: Gibson



Cluster 11: Henderson and Decatur



Cluster 12: Hamilton

