

**HAYWOOD COUNTY, TENNESSEE**

**MUNICIPAL SOLID WASTE PLANNING REGION**

**2010  
SOLID WASTE  
NEEDS ASSESSMENT**



Prepared by the  
**SOUTHWEST TENNESSEE DEVELOPMENT DISTRICT**  
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for the  
**STATE OF TENNESSEE**  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
**DIVISION OF SOLID WASTE MANAGEMENT**  
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as required by the  
**SOLID WASTE MANAGEMENT ACT OF 1991**  
(T.C.A. 68-211-801 through 68-211-874)

## TABLE OF CONTENTS

---

Title	Page
<b>Section 1. Introduction</b>	<b>1</b>
<b>Section 2. Community Profile</b>	<b>3</b>
2. A. Location	3
2. B. Transportation	4
2. C. Government	4
2. D. Schools	4
2. E. County and Community Profiles	5
<b>Section 3. Demographic Information and Economic Activities</b>	<b>6</b>
3. A. Population Estimates and Projections	6
3. B. Per Capita Income	6
3. C. Employment Profile	6
3. D. Taxable Sales	7
<b>Section 4. Characteristics of the Solid Waste Stream</b>	<b>8</b>
4. A. Haywood County Regional Solid Waste Planning Board and Other Solid Waste Management Contacts	8
4. B. Solid Waste Collection Systems and Facilities	8
4. B. (1) City of Brownsville	8
4. B. (2) Unincorporated Haywood County and the City of Stanton	9
4. C. Solid Waste Disposal System and Facilities	10
4. D. Solid Waste Regional Plan	11
4. E. 2009 Solid Waste Annual Progress Report	11
4. F. Waste Reduction Goal	12
4. G. Reduction and Diversion Activities	12
4. G. (1) Recycling	12
4. G. (2) Composting and Mulching	13
4. G. (3) Private Processing Facilities for Recyclables	13
4. G. (4) Mobile Household Hazardous Waste Collection Program	13
4. G. (5) Other Problem Wastes	14
4. H. Solid Waste Education Activities	15

**TABLE OF CONTENTS  
(CONTINUED)**

Title	Page
<b>Section 5. Projections and Evaluations of the Local Solid Waste Stream</b>	<b>16</b>
5. A. Projections of Local Solid Waste Generation	16
5. B. Evaluation of Existing Solid Waste Facilities	17
5. B. (1) Landfills	17
5. B. (2) Green Box Collection System	18
5. B. (3) Transfer Station	18
5. B. (4) Recycling, Composting, and Other Waste Diversion Facilities	18
5. C. Future Financing	19
5. D. Future Solid Waste Management Staffing	19
5. E. Analysis of Existing or Potential Waste Flows Within the Region and/or Between Regions	19
5. F. Projected Demands for Regional Waste Generation/ Imported Waste Versus Regional Capacity to Handle Waste	19
5. G. Current Attitudes of Local Citizens Towards Recycling, Waste Diversion, and Waste Disposal	20
<b>Section 6. Solid Waste Recommendations for the Haywood County Region</b>	<b>21</b>
6. A. Eliminate the Current County Green Box Collection System and Replace this System with a Collection System Meeting the County's 21 <sup>st</sup> Century Needs	21
6. B. Increase Overall Funding for Local Solid Waste Programs	21
6. C. Expand and Enhance Public Recycling Programs Within the City of Stanton and Unincorporated Haywood County	22
6. D. Expand and Enhance Public Recycling Programs Within the City of Brownsville	22
6. E. Expand and Enhance Public Composting and Mulching Programs in the County	23
6. F. Acquire Additional Equipment to Augment Solid Waste Services	23
6. G. Ensure Better and More Complete Reporting by Commercial, Industrial, Institutional, and Other Entities in the Haywood County Solid Waste Annual Progress Report	23

**TABLE OF CONTENTS  
(CONTINUED)**

Title	Page
6. H. Develop New Recycling Programs with Local Industrial and Commercial Firms through the Creation of a Business and Industry Recycling Task Force	24
6. I. Expand Recycling Education Programs in Local Schools and for the General Public	24
6. J. Comply with Tennessee’s Solid Waste Management Plan	24
<b>Section 7. Tables</b>	<b>25</b>
1. Population Estimates and Projections, Haywood County, Tennessee, 2000 - 2015	26
2. Population Estimates and Projections, City of Brownsville, Tennessee, 2000 - 2015	27
3. Population Estimates and Projections, City of Stanton, Tennessee, 2000 - 2015	28
4. Annual Per Capita Income Estimates and Projections, Haywood County, Tennessee, 2000 - 2015	29
5. Haywood County Regional Solid Waste Board, 2010	30
6. Organizational Chart, Solid Waste Department, Haywood County, Tennessee, 2010	31
7. Expenses and Revenues, Solid Waste Department, Haywood County, Tennessee, 2008 – 2009	32
8. Summary of Residential Solid Waste Collection Services, Haywood County, Tennessee, 2010	33
9. Life Cycle for Region’s Solid Waste, Haywood County, Tennessee, 2010	34
10. Solid Waste Generated/Disposed/Recycled, Haywood County, Tennessee, 2003 – 2009	35
11. Advantages and Disadvantages of Green Box Collection Systems	36

**TABLE OF CONTENTS  
(CONTINUED)**

---

<b>Title</b>	<b>Page</b>
<b>Section 8. Maps</b>	<b>37</b>
1. Haywood County, Tennessee, Location	38
2. Haywood County, Tennessee, Municipalities and Principal Communities	39
3. Jackson Metro Trade Area	40
4. Haywood County, Tennessee, Solid Waste Facilities	41
5. Haywood County, Tennessee, I-40 Advantage Megasite	42
<b>Section 9. Photographs</b>	<b>43</b>
<b>Section 10. Addendum</b>	<b>64</b>
A. Tennessee Community Data Sheets, Haywood County, 2008; City of Brownsville, 2010	65
B. Haywood County, Tennessee, Selected Statistical Information; Tennessee Advisory Commission on Intergovernmental Relations	77
C. Haywood County, Tennessee, Solid Waste Budget, 2009-2010 Estimated/2009-2010 Actual/2010-2011 Estimated	88

**CORE FOUNDATION INFORMATION REQUIRED BY THE  
TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

<b>Core Item</b>	<b>Subject</b>	<b>Discussed Principally in Section Entitled</b>	<b>Document Section</b>
1.	Population	Community Profile	2
		Demographic Information and Economic Activities	3
		Addendum	10
2.	Economic Profile	Community Profile	2
		Demographic Information and Economic Activities	3
		Addendum	10
3.	Solid Waste Stream	Characteristics of the Solid Waste Stream	4
		Projections and Evaluations of the Solid Waste Stream	5
4.	Waste Collection System	Characteristics of the Solid Waste Stream	4
		Projections and Evaluations of the Solid Waste Stream	5
5.	Waste Reduction	Characteristics of the Solid Waste Stream	4
6.	Disposal Capacity/ Collection Providers	Characteristics of the Solid Waste Stream	4
		Projections and Evaluations of the Solid Waste Stream	5

**CORE FOUNDATION INFORMATION REQUIRED BY THE  
TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
(CONTINUED)**

<b>Core Item</b>	<b>Subject</b>	<b>Discussed Principally in Section Entitled</b>	<b>Document Section</b>
7.	Financial Needs	Projections and Evaluations of the Solid Waste Stream	5
		Addendum	10
8.	Organizational Chart	Characteristics of the Solid Waste Stream	4
9.	Revenue Sources	Projections and Evaluations of the Solid Waste Stream	5
		Addendum	10
10.	Current Attitudes Towards Local Waste Issues	Projections and Evaluations of the Solid Waste Stream	5
11.	Region's Plan for Solid Waste	Solid Waste Recommendations for the Haywood County Region	6



## Section 1. INTRODUCTION

The State of Tennessee's Department of Environment and Conservation (TDEC) has contracted with the Southwest Tennessee Development District (SWTDD) to prepare a solid waste needs assessment for the Haywood County, Tennessee, Municipal Solid Waste Planning Region. The planning period for the needs assessment is five years. The needs assessment was prepared in Spring 2010, and thus, its period of applicability will be the following five years (2011 through 2015).

The needs assessment is divided into 10 sections. Sections 1 through 6 are textual material, Section 7 contains tabular material, Section 8 is composed of maps, Section 9 is a photographic essay of local solid waste facilities and programs, and Section 10 is an addendum containing demographic and economic information.

A list of "Core Foundation Information Required by the Tennessee Department of Environment and Conservation," as referenced in the "Guidelines for Preparing Solid Waste Needs Assessment" document prepared and distributed by TDEC, indicating where this information can be found in this assessment is included in the front materials preceding Section 1 (Page v) as is the document's Table of Contents (Page i.)

Various sources were consulted to compile demographic and economic statistics for Haywood County and its municipalities, i.e., the U.S. Census Bureau, the Census Bureau's American Community Survey, the Tennessee Advisory Commission on Intergovernmental Relations (TACIR), the University of Tennessee Center for Business and Economic Research, the Haywood County Chamber of Commerce, and other similar sources. Some estimates and projections in this document may differ from one another based on the source of the information, the type of methodology used to develop the numbers, and/or the year the estimate or projection was made. However, every effort was made to select and use the most reliable information available.

The Haywood County, Tennessee, Municipal Solid Waste Planning Region 2010 Needs Assessment was prepared by Jeff Reece, Environmental Coordinator with SWTDD, under the direction of Matt Maynard, Supervisor of the Planning, Reporting, and Waste Reduction Section of TDEC's Division of Solid Waste Management.

The assessment was reviewed by Clinton Neal, Solid Waste Director for Haywood County.

For more information on the Haywood County, Tennessee, Municipal Solid Waste Planning Region 2009 Needs Assessment, please contact:

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## Section 2. COMMUNITY PROFILE

### 2. A. LOCATION

The Haywood County Municipal Solid Waste Planning Region is composed of one county, Haywood County, Tennessee. Haywood County is located in the southwestern portion of West Tennessee. Haywood County is bordered by Crockett County on the north, Fayette County and Hardeman County on the south, Madison County on the east, and Lauderdale County and Tipton County on the west. (See Map 1.)

Haywood County was established in 1823. It has an area of 533 square miles. The estimated population of Haywood County in 2010 was 20,339.

Brownsville (2010 estimated population 11,099) is the county seat and largest municipality. Brownsville is located in the central portion of Haywood County approximately 65 miles northeast of Memphis and 155 miles southwest of Nashville. (See Map 2.) The only other incorporated municipality in the county is the City of Stanton (2010 estimated population 620) located in the southwestern portion of Haywood County.

Principal rural communities include Nutbush in the northwestern section and Dancyville in the southern part, each community being served by a U.S. post office. (See Map 2.)

Brownsville is a Micropolitan Statistical Area (MSA), one of 20 such areas in Tennessee. MSAs are communities with an urbanized population of between 10,000 and 50,000 persons.

The Hatchie River flows through the county in a southeast-to-northwest direction and divides the county with a five-mile wide floodplain. Approximately two-thirds of Haywood County lies north of the river with one third lying south. The Hatchie drains the southern half of the county; the northern half is drained by the South Fork of the Forked Deer River.

Haywood County is one of 13 counties in the Jackson, Tennessee, Metro Trade Area (Benton, Carroll, Chester, Crockett, Decatur, Gibson, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy, and Weakley). (See Map 3.) Jackson is located approximately 30 miles east of Brownsville.

## **2. B TRANSPORTATION**

Haywood County is served by Interstate 40 running southwest to northeast through the southern portion of the county. Interstate exits 56, 60, and 66 provide direct access to Brownsville via Tennessee Highway 76, Tennessee Highway 19, and U.S. Highway 70 respectively. Other major highways in the county include U.S. highways 70/79 and 70A/79 and Tennessee highways 54, 87, 100, 114, 179, 180, 202, and 222.

The CSX Railroad is a major freight corridor in the county generally paralleling U.S. highways 70/79 and 70A/79 connecting Memphis and points west and Nashville and points east.

Commercial airline service is available at McKellar-Sipes Regional Airport in Jackson, approximately 25 miles east of Brownsville; and Memphis International Airport, approximately 70 miles southwest of Brownsville. Memphis International is a hub for Delta Airlines and the home of Federal Express Corporation's air cargo super-hub.

The nearest port facilities are the Port of Memphis on the Mississippi River—about 75 miles southwest of Brownsville.

## **2. C. GOVERNMENT**

Haywood County is governed by a mayor and a board of county commissioners. Franklin Smith is mayor of Haywood County.

The cities of Brownsville and Stanton have mayor/aldermen forms of government. Jo Matherne is mayor of Brownsville and Allan Sterbinsky is mayor of Stanton.

## **2. D. SCHOOLS**

Haywood County has a single, county-wide, primary/secondary education system. It consists of seven schools: Haywood High School, Haywood Junior High School, Anderson Early Childhood Center, East Side Elementary School, Haywood Elementary School, Sunny Hill Elementary School, and the Haywood Academic and Justice Academy Alternative Learning Center.

Haywood County has one higher education facility: the Brownsville Branch of the Tennessee Technology Center at Whiteville. However, there are more than a dozen higher education facilities within a two-hour drive of Brownsville: the University of Memphis, Rhodes College, Christian Brothers University, LeMoyne-Owen College, Victory College, and Southwest Tennessee Community College, in Memphis;

Union University, Lambuth University, Lane College, and Jackson State Community College in Jackson; the University of Tennessee at Martin in Martin; Freed-Hardeman University in Henderson, Bethel University in McKenzie; and Dyersburg State Community College in Dyersburg.

## **2. E. COUNTY AND COMMUNITY PROFILES**

Addendum A contains county and community data sheets for Haywood County and the City of Brownsville. The data sheets were compiled by the Tennessee Department of Economic and Community Development. Data sheets for the City of Stanton were not available.

Addendum B contains “Haywood County, Tennessee, Selected Statistical Information,” a comprehensive statistical report compiled by the Tennessee Advisory Commission on Intergovernmental Relations.

## **Section 3. DEMOGRAPHIC INFORMATION AND ECONOMIC ACTIVITIES**

### **3. A. POPULATION ESTIMATES AND PROJECTIONS**

The 2010 estimated population of Haywood County is 20,339. If current economic trends continue, it is projected that the county's population will increase to 20,474 by 2015 and 20,573 by 2020. As is typical for many rural areas in Tennessee, much of Haywood County's younger population leaves the area after high school, either for college or technical training at institutions outside Haywood County or for employment in larger cities.

Table 1 presents past population estimates and future population projections for Haywood County from 2000 to 2015. Estimates and projections for the cities of Brownsville and Stanton follow in tables 2 and 3.

### **3. B. PER CAPITA INCOME**

The estimated annual per capita income in Haywood County in 2010 was \$27,929. Table 4 indicates estimated annual per capita income in Haywood County for 2000 through 2010 and projected annual per capita income for 2011 through 2015.

### **3. C. EMPLOYMENT PROFILE**

Larger sectors of employment in Haywood County by numbers of annual average employees include manufacturing (2,088 employees), retail trade (740), education/health services (435), financial activities (393), and leisure and hospitality services (299). (Figures use 2006 data.)

Agriculture is an extremely important element in Haywood County. Cropland covers much of Haywood County with principal crops of cotton, soybeans, corn, wheat, vegetables, and fruit. Pastureland for grazing cattle is also important.

The unemployment rate in Haywood County was 15.4 percent in May 2010, considerably higher than the 9.9 unemployment rate for Tennessee overall in May 2010 and the 9.3 percent unemployment rate for the U.S. overall in May 2010.

### **3. D. TAXABLE SALES**

The taxable sales figure for Haywood County for 2009 was \$123,424,172.

## **Section 4. CHARACTERISTICS OF THE SOLID WASTE STREAM**

### **4. A. HAYWOOD COUNTY REGIONAL SOLID WASTE PLANNING BOARD AND OTHER SOLID WASTE MANAGEMENT CONTACTS**

The Haywood County Regional Solid Waste Planning Board is composed of five members. (See Table 5.) The Chairman of the Board is Clinton Neal. Mr. Neal also serves as Solid Waste Director and Recycling Coordinator for Haywood County.

### **4. B. SOLID WASTE COLLECTION SYSTEMS AND FACILITIES**

#### **4. B. (1) CITY OF BROWNSVILLE**

The City of Brownsville operates its own solid waste collection system and serves all residents within the city limits. Collection duties are handled by the City's Department of Public Works. Solid waste is collected backdoor twice per week by city-owned vehicles. After collection, Brownsville's solid waste is taken to Haywood County's Transfer Station at 608 Landfill Road southwest of Brownsville. The waste is then transferred to the North Shelby Landfill owned by Republic Services, Inc., at 7111 Old Millington Road in Millington, Shelby County, Tennessee.

The Department of Public Works' headquarters is located at 25 Lafayette Avenue in Brownsville. Bobby Mayer is the director of the department.

Brownsville also offers a recycling program in conjunction with its solid waste collection program and collects paper, plastics #1 and #2, cardboard, and aluminum cans, on the same days as regular solid waste collection. Brownsville residents place their recyclables co-mingled in recycling "blue bags" distributed at the Brownsville City Hall or at the Brownsville/Haywood County Recycling Center. The City gathers their recyclables at the Brownsville Public Works Department headquarters and then takes the recyclables to the Recycling Center for further processing.

The City also provides leaf and other yard waste collection at curbside during summer, spring, and fall months. The City operates a mulching program at 217 Russell Street South in Brownsville and allows local residents to share the mulch with special "giveaway" events at various times during the year.



The solid waste collection fee for City residents is currently \$16.00 per household per month. Fees for commercial businesses are \$40.00 per month.

**4. B. (2) UNINCORPORATED HAYWOOD COUNTY AND THE CITY OF STANTON**

For residents of unincorporated Haywood County and the City of Stanton, solid waste is collected through a system of 151 “green boxes,” large solid waste dumpsters located at 81 sites throughout the county. The green box sites are maintained by Haywood County Government—but are not staffed. The green box system differs from a solid waste convenience center system that normally is staffed for a certain number of hours per week. Also, convenience centers generally are fenced and gated and access to the public is controlled—limited to certain operational hours. Green box sites are unsecured and available to the public 24 hours per day, seven days per week.

Residents transport their solid waste to the nearest green box themselves. The County operates a fleet of vehicles that collects the waste from the green boxes and transports it to the Transfer Station at 608 Landfill Road near Brownsville. From the Transfer Station, the solid waste is hauled to Republic Services’ North Shelby Landfill at 7111 Old Millington Road in Millington, Tennessee, in vehicles owned by Republic. The North Shelby Landfill is approximately 45 miles southwest of Brownsville.

The solid waste collection fee for rural Haywood County residents and residents of the City of Stanton is currently \$15.00 per household per month. A tax relief program reduces the fee to \$9.00 per month per household for residents who qualify.

The County also operates the Brownsville/Haywood County Recycling Center, a drop-off collection center at 415 Morgan Street in Brownsville. Metals, paper, glass, batteries, plastics, textiles, pallets, tires, and automobile fluid are collected here. Households in unincorporated Haywood County and the City of Stanton that recycle part of their solid waste at least twice a month are eligible to receive a \$3.00 discount from their monthly solid waste fee. The Recycling Center, located in a 22,000-square-foot, former industrial building, is open to all residents of Haywood County including those living within the corporate limits of Brownsville. The City of Brownsville and Haywood County Government share equally in its operating costs.

The County also operates a substation recycling site in Stanton at the Stanton City Hall at 8 Main Street for the convenience of residents in the southern part of the county.

The Haywood County solid waste system is administered by the Haywood County Solid Waste Department headquarters at 608 Landfill Road near Brownsville. The director of the department is Clinton Neal.

Major solid waste facilities in Brownsville and Haywood County are shown on Map 4.

An organizational chart for the Haywood County Solid Waste Department appears in Table 6.

Expenses and revenues for the Haywood County Solid Waste Department for 2008 and 2009 appear in Table 7.

Table 8 summarizes the services provided by the solid waste collection systems in Haywood County.

#### **4. C. SOLID WASTE DISPOSAL SYSTEM AND FACILITIES**

All Class I solid waste collected by Haywood County and Brownsville is disposed at Republic Services' North Shelby Landfill near Millington. The North Shelby Landfill consists of 111 permitted acres with an estimated 90 years of use left at current rates of disposal.

Republic Services is the second largest solid waste services company in the U.S. Republic operates in 40 states and Puerto Rico with more than 31,000 employees and 400 companies providing services under various names. Republic maintains solid waste services contracts with more than 2,800 U.S. municipalities and owns more than 200 landfills across the country. Republic's corporate headquarters is in Phoenix, Arizona.

In 2009, approximately 17,305 tons of municipal solid waste generated in Haywood County were disposed of in the North Shelby Landfill. All municipal solid waste generated in Haywood County is disposed of at the North Shelby Landfill. There is no Class I landfill in Haywood County.

Haywood County owns and operates the Haywood County Landfill, a Class III/IV facility at 608 Landfill Road south of U.S. Highway 70/79. The landfill consists of approximately 50 permitted acres with an estimated 100 years of use left at current rates of disposal. Like all Class III/IV facilities, the Haywood County Landfill accepts construction and/or demolition scrap and yard wastes only.

The landfill is open Monday through Friday from 8 a.m. to 4:30 p.m. and on Saturdays (seasonal) from 8:00 a.m. to 11:30 a.m.

In 2009, approximately 6,603 tons of solid waste were disposed of at the Haywood County Landfill.

The Haywood County Landfill is the only Class III/IV facility currently open and accepting waste in Haywood County.

An outline of the life cycle of the region's solid waste processes is presented in Table 9.

#### **4. D. SOLID WASTE REGIONAL PLAN**

Following the passage of the Solid Waste Management Act of 1991, Haywood County initially formed a solid waste planning region with Tipton County and Lauderdale County. However, this multi-county region was later dissolved and Haywood County subsequently formed its own, single-county solid waste region. Gregory Grace and Associates, a planning firm in Memphis, received a contract to prepare the Haywood County Municipal Solid Waste Region Ten-Year Plan. The plan was submitted for approval to the Tennessee Department of Environment and Conservation in 1994.

The Haywood County Five-Year Update to the Municipal Solid Waste Region Ten-Year Plan was prepared by the Southwest Tennessee Development District in Jackson, in 2001.

#### **4. E. 2009 SOLID WASTE ANNUAL PROGRESS REPORT**

The 2009 Annual Progress Report, Haywood County, Tennessee, Municipal Solid Waste Planning Region was submitted to TDEC in March 2010. The Annual Progress Report (APR) was prepared by the Southwest Tennessee Development District in Jackson under the supervision of Haywood County Solid Waste Director Clinton Neal. The 2009 APR reported on solid waste activities for Calendar Year 2009 (January 1, 2009, through December 31, 2009.)

The 2009 APR reported that Haywood County generated 42,633 tons of solid waste that year. Of this total, 17,305 tons were disposed of in Class I landfills, 6,603 were disposed of in Class III/IV landfills, and 18,725 tons were recycled or diverted.

#### **4. F. WASTE REDUCTION GOAL**

The State of Tennessee requires at least a 25 percent decrease in the amount of solid waste disposed of in Class I landfills on a per capita basis—by employing either TDEC’s base-year method of comparison or TDEC’s real-time method of comparison.

Waste reduction figures for Haywood County for 2003 through 2009 appear in Table 10.

#### **4. G. REDUCTION AND DIVERSION ACTIVITIES**

##### **4. G. (1) RECYCLING**

The 2009 Haywood County APR reported that 18,725 tons of municipal solid waste were recycled or diverted in the county in 2009. Industrial recycling accounted for 15,959 tons (85 percent of the total), residential recycling accounted for 2,383 tons (13 percent of the total), and commercial recycling for 383 tons (two percent of the total).

The City of Brownsville offers a recycling program in conjunction with its solid waste collection program and collects paper, plastics #1 and #2, and aluminum cans, on the same days as regular solid waste collection. Brownsville residents place their recyclables co-mingled in recycling bags.

Haywood County also operates the Brownsville/Haywood County Recycling Center, a drop-off collection center at 415 Morgan Street in Brownsville. Metals, paper, glass, batteries, plastics, textiles, pallets, tires, and automobile fluid are collected here. The Recycling Center is open to all residents of Haywood County including those living within the corporate limits of Brownville and Stanton.

Haywood County offers a \$3.00 rebate to rural residents on their monthly solid waste fee of \$15.00 if they recycle at least twice a month. Haywood County is the only county in Tennessee that offers such a program.

In addition, the Haywood County Solid Waste Department works hand-in-hand with the Haywood County School District in a unique arrangement that provides recycling opportunities for all primary and secondary schools in the school district. The schools are provided six-yard, cardboard containers to collect cardboard, white paper, and plastic drink bottles. Approximately 30 to 40 percent of the students participate in the recycling program on a regular basis.

The Haywood County recycling program is fully funded—being subsidized by solid waste fees from rural residents and tipping fees from the local landfill.

In 2009, Haywood County was awarded 350 free recycling bins—by winning a competitive grant from the National Recycling Coalition and ALCOA for use in its program. The 26-gallon bins will help residents better manage the loose recycling bags used in the program.

The Tennessee Recycling Coalition (TRC) awarded the Haywood County Solid Waste Department the Award for “Government Recycler of the Year” for 2009-2010. This annual awards program recognizes outstanding waste prevention and recycling programs in Tennessee in five categories: government, non-profit organizations, businesses, schools, and individuals.

#### **4. G. (2) COMPOSTING AND MULCHING**

In 2009, the City of Brownsville’s mulching program produced approximately 150 tons of mulch. This is distributed free to local residents throughout the year with special “giveaway” events scheduled several times each year.

#### **4. G. (3) PRIVATE PROCESSING FACILITIES FOR RECYCLABLES**

The public recycling programs operated by the City of Brownsville and Haywood County are the only permitted programs or businesses accepting recyclables in the city and county. There are no licensed, private, recycling businesses operating locally.

However, other nearby towns, such as Jackson, Bolivar, Ripley, Covington, and especially Memphis, offer private processing facilities for local Haywood County residents.

#### **4. G. (4) MOBILE HOUSEHOLD HAZARDOUS WASTE COLLECTION PROGRAM**

Mobile household hazardous waste (HHW) collection events are sponsored by the Tennessee Department of Environment and Conservation and collection services are available to all counties in the state except the four larger counties (Shelby, Davidson, Knox, and Hamilton) which operate permanent household hazardous waste collection sites.

The State's HHW program collects oil and fuel additives, grease and rust solvents, naval jelly, carburetor and fuel injector cleaners, starter fluids, body putty, antifreeze/coolant, gasoline, oil-based paint, used strippers and thinners, adhesives, driveway sealant, roofing tar, wallpaper remover, stains and varnishes, pesticides, fertilizers, wood preservatives, pool chemicals, photo processing chemicals, medicines/drugs, aerosols/compressed gas, mercury thermostats and thermometers, fluorescent tubes, compact fluorescent bulbs, personal computers, televisions, monitors, printers, and keyboards.

Haywood County last hosted an HHW collection event on May 16, 2009, at the Brownsville/Haywood County Recycling and collected 0.29 tons of HHW that day.

Because of the limited amount of HHW usually collected in Haywood County, this event is not an annual event but is scheduled less frequently on an "as needed" basis. Haywood County residents are permitted and encouraged to take their HHW to other State-sponsored events nearby such as the one held annually each October in Madison County at the City of Jackson's Fairgrounds Park.

#### **4. G. (5) OTHER PROBLEM WASTES**

The State of Tennessee requires that each county maintain at least one location within the county for the collection of used tires. Haywood County collects used tires at its Transfer Station on Landfill Road. Tires are also collected by several tire dealers in Brownsville and are delivered by the dealers to the Transfer Center.

In 2009, Haywood County collected 308 tons of used tires. The county contracts with Mac's Tire Recyclers, Inc., to process the used tires.

In 2009, Haywood County collected ten tons of used automotive oil and one ton of lead-acid batteries at the Recycling Center.

Beginning with the 2010-11 Fiscal Year, the State of Tennessee will require that all counties provide a location to collect alkaline batteries, rechargeable batteries, lead-acid batteries, used automotive oil, used antifreeze, paint, and electronics to qualify for participation in the State-sponsored household hazardous wastes collection event.

#### **4. H. SOLID WASTE EDUCATION ACTIVITIES**

The Haywood County Solid Waste Director and Haywood County Mayor promote local solid waste services and programs by speaking to local civic and business/industry groups. They also promote their services by discussing solid waste news and events on local radio programs.

The County submits news articles and places advertisements in the local newspaper about its programs, distributes bumper stickers that promote its programs, and sponsors a "Character Award" at a local elementary school.

## **Section 5. PROJECTIONS AND EVALUATIONS OF THE LOCAL SOLID WASTE STREAM**

### **5. A. PROJECTIONS OF LOCAL SOLID WASTE GENERATION**

It is anticipated that solid waste generation in Haywood County will increase at a slow rate—similar to the slow population growth and slow increase in economic activities anticipated in the county within the next five years. This projection is based on the local economy proceeding at the same or at a similar rate as it has for the past ten years.

However, Haywood County, Tipton County, Lauderdale County, and the State of Tennessee are actively engaged in promoting the I-40 Advantage Megasite as the premier location for the next “super-manufacturer” to locate in Tennessee. The 1,720-acre, core-area site is situated in extreme southwestern Haywood County approximately two miles south of Stanton and 12 miles southwest of Brownsville. (See Map 5.) The site is currently accessed by Tennessee Highway 222 at Interstate 40 Exit 42 just south of the Haywood County line in Fayette County—and a second interstate exit/site access road is planned for Mile 44 of Interstate 40. In addition to Interstate 40, the megasite has direct access to U.S. Highway 70/79 and the CSX Railroad and is only 15 minutes or so east of the planned Interstate 69 route in Tipton and Lauderdale counties. Interstate 69 will eventually connect Canada and Mexico via Port Huron, Michigan, and McAllen, Texas; through such U.S. cities as Indianapolis, Evansville, Memphis, Shreveport, Houston, and Corpus Christi.

The Tennessee Valley Authority designated the I-40 Advantage property as a megasite in 2006 and has been a major proponent of its development since then.

The megasite’s Fayette County portion lies within the Memphis Metropolitan Statistical Area (Shelby, Fayette, and Tipton counties in Tennessee; DeSoto, Marshall, Tate, and Tunica counties in Mississippi; and Crittenden County, Arkansas.) The site is approximately 25 minutes via Interstate 40 from the northeastern Memphis suburbs (Arlington, Lakeland, and Bartlett) and approximately 45 minutes northwest of Memphis International Airport (the world’s largest cargo airport—home of Federal Express Corporation and Delta Airlines hub), one hour from the Port of Memphis on the Mississippi River (fourth largest inland river port in the U.S.), and 45 minutes from four other Class I railroads—BNSF (Burlington Northern Santa Fe), Canadian National, Norfolk Southern, and Union Pacific—serving the Memphis area.



With all its attributes, it is believed by many local, regional, and state economic development officials that a large manufacturer will likely locate at the site within the next few years. Current predictions are that as many as 2,000 people could be employed at the core facility with many more thousands employed by what could be dozens of suppliers and ancillary industries locating nearby to serve the main industry. If so, the whole area's population (not only Haywood County's but perhaps that of Fayette, Tipton, Lauderdale, Shelby, Madison, and other nearby counties) could increase.

Growth in the area might be similar to that experienced by other, formerly rural areas (such as Spring Hill, Tennessee; Georgetown, Kentucky; and Canton, Mississippi) that became the home of large automobile manufacturers.

## **5. B. EVALUATION OF EXISTING SOLID WASTE FACILITIES**

### **5. B. (1) LANDFILLS**

Haywood County and the City of Brownsville dispose of their solid waste in the North Shelby Landfill at 7111 Old Millington Road in Millington, Shelby County, Tennessee. The North Shelby Landfill is owned by Republic Services.

The landfill consists of 111 permitted acres with an estimated 90 years of use left at current rates of disposal. In 2009, Haywood County disposed of 17,305 tons of solid waste at the North Shelby Landfill.

There are no current plans for expansion at the landfill.

Haywood County Government owns and operates the Haywood County Landfill at 608 Landfill Road, a Class III/IV landfill. It consists of approximately 50 acres with perhaps as much as 150 surrounding acres that could be developed for landfill use. The Haywood County Landfill has an estimated 100 years of use at current rates of disposal. In 2009, Haywood County disposed of 6,603 tons of solid waste at the Haywood County Landfill.

Both landfills will serve Haywood County more than adequately well into the 21<sup>st</sup> Century.

### **5. B (2) GREEN BOX COLLECTION SYSTEM**

Haywood County provides a system of 151 green box receptacles located at 81 sites in rural areas of Haywood County. While this system undoubtedly offers accessibility and convenience for many residents, often being located only a short distance from most residences; a green box collection system is considered today to be the “lowest” method of municipal collection—being less desirable than a convenience center or door-to-door collection system. Advantages and disadvantages of green box collection systems are presented in Table 11.

While the number of green box receptacles compared to the population served in rural Haywood County (approximately one receptacle for every 61 rural residents) is undoubtedly favorable, green box collection systems are considered outmoded today.

### **5. B. (3) TRANSFER STATION**

Haywood County operates one transfer station at 608 Landfill Road near Brownsville. The facility is well-designed and centrally located.

### **5. B. (4) RECYCLING, COMPOSTING AND MULCHING, AND OTHER WASTE DIVERSION FACILITIES**

Haywood County maintains a drop-off recycling facility at its Recycling Center at 415 Morgan Street in Brownsville. The Recycling Center collects metals, paper, glass, batteries, plastics, textiles, pallets, tires, and automobile fluid and is an efficient and well-planned operation.

Residents within the City of Brownsville may use the Haywood County Recycling Center or they may take part in the curbside recycling services offered by the City's Public Works Department.

The City of Brownsville operates a mulching program for the public collecting leaves, grass, and other yard debris.

### **5. C. FUTURE FINANCING**

Expenses in operating the solid waste management program in Haywood County in 2009 totaled \$1,650,850; revenues totaled \$1,133,500. This compares to expenses of \$1,148,954 and revenues of \$1,127,394 in 2008. It is anticipated that costs for the Haywood County solid waste management program will continue to rise each year; more so in areas such as fuel and other transportation costs; and less so in employee salaries, and equipment and maintenance costs.

A more detailed budget for the Haywood County Solid Waste Department is presented in Addendum C of this report.

### **5. D. FUTURE SOLID WASTE MANAGEMENT STAFFING**

Currently, ten persons are required to operate Haywood County's local solid waste management program. The solid waste personnel are employees of the Haywood County Solid Waste Department.

Approximately 25 personnel are required to operate Brownsville's solid waste collection program.

### **5. E. ANALYSIS OF EXISTING OR POTENTIAL WASTE FLOWS WITHIN THE REGION AND/OR BETWEEN REGIONS**

Republic Services' North Shelby Landfill is a proprietary business that solicits the importation of solid waste from Shelby and Tipton counties in addition to Haywood County. No waste is currently being accepted from out-of-state locations, however, except occasional, limited amounts of special wastes.

### **5. F. PROJECTED DEMANDS FOR REGIONAL WASTE GENERATION/IMPORTED WASTE VERSUS REGIONAL CAPACITY TO HANDLE WASTE**

Because of the North Shelby Landfill's lengthy use expectancy (approximately 90 years), the importation of waste from other solid waste regions at current levels or even dramatically increased levels will have little or no effect on the landfill's ability to handle waste from Haywood County in the coming years.

## **5. G. CURRENT ATTITUDES OF LOCAL CITIZENS TOWARDS RECYCLING, WASTE DIVERSION, AND WASTE DISPOSAL**

The City of Brownsville’s curbside recycling program and Haywood County Government’s drop-off recycling program appear to satisfy most residents and there has been no great demand for changes—such as the development of curbside recycling collection programs in the City of Stanton or in unincorporated areas of Haywood County.

However, with media attention focused on Earth’s changing environment, larger and larger segments of the public are demanding that more consideration be given to sustainability and “living green” and it is likely that that local demand for curbside recycling services in rural Haywood County will grow—especially if a “global” manufacturer locates at the I-40 Advantage Megasite in southwestern Haywood County.

## **Section 6. SOLID WASTE RECOMMENDATIONS FOR THE HAYWOOD COUNTY REGION**

### **6. A. ELIMINATE THE CURRENT COUNTY GREEN BOX COLLECTION SYSTEM AND REPLACE THIS SYSTEM WITH A COLLECTION SYSTEM MEETING THE COUNTY'S 21<sup>ST</sup> CENTURY NEEDS**

The current system of providing green box collection receptacles for the City of Stanton and unincorporated areas of Haywood County is an outmoded method of solid waste collection—subject to all the disadvantages presented in Table 12. If Haywood County is to attract a globally recognized manufacturer for its I-40 Advantage Megasite, it must provide a first-class, up-to-date collection system for all of the county's residents, businesses, and industries.

Several options are available. The County could:

- provide house-to-house solid waste collection services for residents of the City of Stanton and unincorporated Haywood County through a County-owned and -operated system;
- provide house-to-house solid waste collection services for residents of the City of Stanton and unincorporated Haywood County through contracts with a private solid waste collection company;
- develop a system of community convenience centers to serve residents of Stanton and unincorporated Haywood County.

It is recommended that either the first or second option listed above be chosen as Haywood County's future solid waste collection system.

### **6. B. INCREASE OVERALL FUNDING FOR LOCAL SOLID WASTE PROGRAMS**

The key ingredient in operating a modern and efficient solid waste management program in Haywood County—or any county—is adequate funding.

It is anticipated that costs for the Haywood County solid waste program will continue to rise each year—especially in areas such as fuel and other transportation costs, employee salaries, and equipment and maintenance costs.

Establishing a “higher” collection service to replace the current green box collection system will be expensive. The County must step forward and provide the funding required to elevate Haywood County’s solid waste collection services to meet the needs of tomorrow’s residents and businesses.

The County should continue to apply for solid waste management grants from the State of Tennessee. However, because of the budget problems the State is currently experiencing, future availability of the already limited grant funds from the State cannot be depended on. The County should explore other possible sources of grants funding; such as Federal programs (U.S. Department of Agriculture’s Rural Development program, the Delta Regional Authority program, etc.) as well as private, non-profit organizations to supplement what grants it receives from the State of Tennessee.

**6. C. EXPAND AND ENHANCE PUBLIC RECYCLING PROGRAMS WITHIN THE CITY OF STANTON AND UNINCORPORATED HAYWOOD COUNTY**

Although the current recycling program operated by Haywood County Government is an excellent, award-winning program, the 9,000-plus residents living outside the city limits of Brownsville deserve a more convenient program than the two drop-off sites the County currently provides in Brownsville and Stanton.

The County might consider contracting with a recycling company to provide weekly collection services on a subscription basis for residents of Stanton and rural areas—until a house-to-house recycling program can be established in conjunction with a house-to-house solid waste collection program.

The County should consider adding other items to its list of collectables—especially such “problem wastes” as paint and electronics.

**6. D. EXPAND AND ENHANCE PUBLIC RECYCLING PROGRAMS WITHIN THE CITY OF BROWNSVILLE**

The City of Brownsville should consider adding other items to its lists of collectables—such as metal, glass, and other items often collected in municipal curbside recycling programs.

**6. E. EXPAND AND ENHANCE PUBLIC COMPOSTING AND MULCHING PROGRAMS IN THE COUNTY**

It is recommended that the County develop and promote home composting and mulching programs for local residents and food compost programs for the local school system to reduce the amount of organic substances being disposed of in Class I landfills.

**6. F. ACQUIRE ADDITIONAL EQUIPMENT TO AUGMENT SOLID WASTE SERVICES.**

In the 2009 APR, Haywood County identified recycling containers for residents, schools, and businesses as equipment most needed. Because the solid waste budget for Haywood County is constrained, there are limited local funds for the purchase of such equipment. Haywood County has been depending in recent years on grants from the State of Tennessee and awards from private sources to supplement its equipment needs. However, these programs are highly competitive and, in some years, Haywood County has not received grants or awards.

**6. G. ENSURE BETTER AND MORE COMPLETE REPORTING BY COMMERCIAL, INDUSTRIAL, INSTITUTIONAL, AND OTHER ENTITIES IN THE HAYWOOD COUNTY SOLID WASTE ANNUAL PROGRESS REPORT.**

The 2009 Haywood County APR reported that 18,724 tons of municipal solid waste were recycled in Haywood County in 2008. Industrial recycling accounted for 15,958 (85 percent of the total amount recycled.) This figure underscores the importance of this type of private entity recycling in Haywood County—especially critical in whether the County meets or fails to meet the annual recycling/diversion requirement established by the State.

However, as in many counties across Tennessee, Haywood County is not always successful in securing the information it needs to provide the State with an accurate accounting of how much solid waste is being recycled or diverted from Class I landfills by local businesses. Although the State maintains that businesses can be “compelled” to provide such information to the counties, the precise measures authorized to compel local businesses to comply are unclear. It is believed that hundreds, perhaps thousands, of tons of recycled and diverted waste in Haywood County are “lost” each year due to inexact reporting.

**6. H. DEVELOP NEW RECYCLING PROGRAMS WITH LOCAL INDUSTRIAL AND COMMERCIAL FIRMS THROUGH THE CREATION OF A BUSINESS AND INDUSTRY RECYCLING TASK FORCE**

Haywood County should work with local firms to develop new recycling programs. The County promotes cardboard, newspaper, and office paper recycling already—but virtually every company in Haywood County can recycle other types of in-house items—such as aluminum cans, plastic, glass—or perhaps some by-product of a manufacturing process if the company is a manufacturer.

A Business and Industry Recycling Task Force, composed of volunteer representatives, could be appointed by Haywood County Government to work with and encourage recycling with individual firms that have expressed an interest in recycling.

Such a task force might be an added incentive in attracting forward-thinking, green-conscious companies to considered locating at and developing the I-40 Advantage Megasite.

**6. I. EXPAND RECYCLING EDUCATION PROGRAMS IN LOCAL SCHOOLS AND FOR THE GENERAL PUBLIC**

Although Haywood County Government has an excellent track record of promoting recycling and environmental education programs in its local schools and for the general public, Haywood County also should consider utilizing materials from organizations such as the Keep America Beautiful program that provides educational resource packets for students and promotes anti-litter and other environment-friendly events.

It is recommended that Haywood County increase the amount of outreach now done during the course of the year by promoting recycling at every opportunity—by enlisting volunteers to assist the Solid Waste Director, County Mayor, and city mayors of Brownsville and Stanton in speaking to local civic clubs, special interest groups, church groups, etc.; and by developing and maintaining information displays at local libraries, fairs, festivals, sporting events, etc.

**6. J. COMPLY WITH TENNESSEE'S SOLID WASTE MANAGEMENT PLAN**

The recommendations outlined above should comply with and support the provisions of the State's solid waste management plan—ensuring that all citizens of the Haywood County Region are provided solid waste services in an efficient and professional manner.



## Section 7. TABLES

**TABLE 1**  
**POPULATION ESTIMATES AND PROJECTIONS**  
**HAYWOOD COUNTY, TENNESSEE**  
**2000 – 2015**

Year	Population Estimates
2000	19,797
2001	19,845
2002	19,897
2003	19,948
2004	19,999
2005	20,045
2006	20,104
2007	20,163
2008	20,222
2009	20,281
2010	20,339
Year	Population Projections
2011	20,366
2012	20,393
2013	20,420
2014	20,447
2015	20,474

NOTE: The 2000 population figure is the actual population as determined by the U.S. Census Bureau. Estimates and projections are derived from the Population Projections for the State of Tennessee, 2005 to 2025 document, a joint publication of the Tennessee Advisory Commission on Intergovernmental Relations and the University of Tennessee Center for Business and Economic Research.

**TABLE 2**  
**POPULATION ESTIMATES AND PROJECTIONS**  
**CITY OF BROWNSVILLE, TENNESSEE**  
**2000 – 2015**

---

<b>Year</b>	<b>Population Estimates</b>
2000	10,748
2001	10,795
2002	10,827
2003	10,850
2004	10,891
2005	10,929
2006	10,963
2007	10,997
2008	11,030
2009	11,065
2010	11,099

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<b>Year</b>	<b>Population Projections</b>
2011	11,117
2012	11,133
2013	11,149
2014	11,165
2015	11,181

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NOTE: The 2000 population figure is the actual population as determined by the U.S. Census Bureau. Estimates and projections are derived from the Population Projections for the State of Tennessee, 2005 to 2025 document, a joint publication of the Tennessee Advisory Commission on Intergovernmental Relations and the University of Tennessee Center for Business and Economic Research.

**TABLE 3**  
**POPULATION ESTIMATES AND PROJECTIONS**  
**CITY OF STANTON, TENNESSEE**  
**2000 – 2015**

Year	Population Estimates
2000	615
2001	615
2002	614
2003	614
2004	613
2005	614
2006	615
2007	616
2008	617
2009	618
2010	620
Year	Population Projections
2011	620
2012	621
2013	621
2014	622
2015	622

NOTE: The 2000 population figure is the actual population as determined by the U.S. Census Bureau. Estimates and projections are derived from the Population Projections for the State of Tennessee, 2005 to 2025 document, a joint publication of the Tennessee Advisory Commission on Intergovernmental Relations and The University of Tennessee Center for Business and Economic Research.

TABLE 4

ANNUAL PER CAPITA INCOME ESTIMATES AND PROJECTIONS  
HAYWOOD COUNTY, TENNESSEE  
2000 – 2015

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Year	Income Estimates
2000	\$18,803
2001	\$19,793
2002	\$19,847
2003	\$21,653
2004	\$21,737
2005	\$23,141
2006	\$24,694
2007	\$24,126
2008	\$25,332
2009	\$26,599
2010	\$27,929

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Year	Income Projections
2011	\$29,325
2012	\$30,791
2013	\$32,331
2014	\$33,948
2015	\$35,645

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SOURCE: Tennessee County Data Sheet for Haywood County, Tennessee

**TABLE 5**  
**HAYWOOD COUNTY REGIONAL SOLID WASTE BOARD**  
**2010**

---

<b>Member</b>	<b>Representing</b>
George Delk	City of Stanton
Ed Ellington	Haywood County
Clinton Neal	Haywood County
Jerry Smith	Haywood County
Joe L. Taylor	City of Brownsville

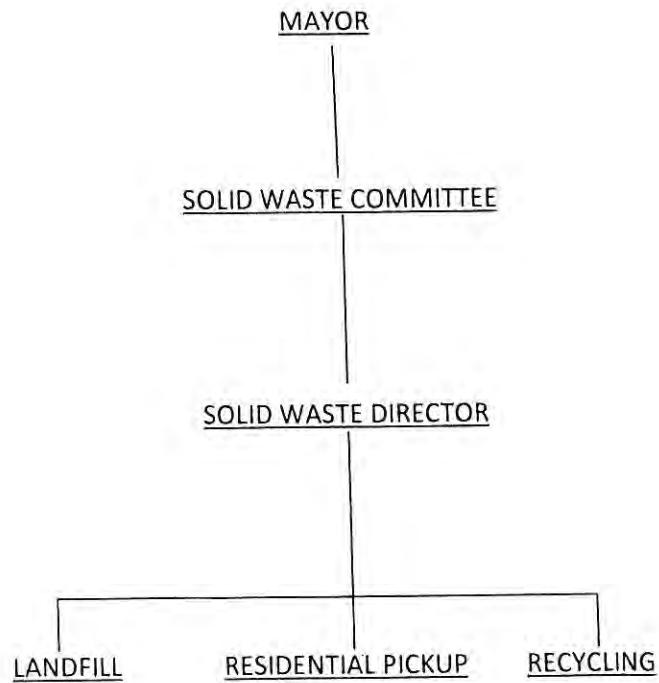
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SOURCE: 2009 Annual Progress Report, Haywood County, Tennessee, Municipal Solid Waste Planning Region

**TABLE 6**  
**ORGANIZATIONAL CHART**  
**SOLID WASTE DEPARTMENT**  
**HAYWOOD COUNTY, TENNESSEE**  
**2010**

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SOURCE: Haywood County, Tennessee, Solid Waste Department

**TABLE 7**  
**EXPENSES AND REVENUES**  
**SOLID WASTE DEPARTMENT**  
**HAYWOOD COUNTY, TENNESSEE**  
**2008 – 2009**

<b>Expenses</b>	<b>2008</b>	<b>2009</b>
Waste Pickup	\$ 764,209	\$ 332,465
Landfill Operation and Maintenance	\$ 886,641	\$ 816,489
<b>Total Expenses</b>	<b>\$1,650,850</b>	<b>\$1,148,954</b>
<b>Revenues</b>	<b>2008</b>	<b>2009</b>
Local Taxes	\$ 95,000	\$ 172,591
Residential Waste Collection Charges	\$ 486,000	\$ 374,497
Tipping Fees	\$ 485,000	\$ 510,870
Sale of Recycled Materials	\$ 25,000	\$ 21,838
Commodity Rebates	\$ 0	\$ 3,859
Solid Waste Grants	\$ 13,500	\$ 13,943
Public Works Grants – Litter Program	\$ 29,000	\$ 29,296
<b>Total Revenues</b>	<b>\$1,133,500</b>	<b>\$1,127,394</b>

SOURCE: 2009 Annual Progress Report, Haywood County, Tennessee, Municipal Solid Waste Planning Region



**TABLE 8**

**SUMMARY OF RESIDENTIAL SOLID WASTE COLLECTION SERVICES  
HAYWOOD COUNTY, TENNESSEE  
2010**

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<b>Provider</b>	<b>Service Area</b>	<b>Population Served (Estimated)</b>	<b>Frequency of Service</b>	<b>Type of Collection</b>
Haywood County Government	Unincorporated Haywood County and City of Stanton	9,240	151 green boxes at 81 sites, available 24 hours a day, seven days a week	Green box drop-off
City of Brownsville	Within Brownsville corporate limits	11,099	Twice each week	Backdoor collection

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SOURCE: Haywood County, Tennessee, Solid Waste Department

**TABLE 9**  
**LIFE CYCLE FOR REGION'S SOLID WASTE**  
**HAYWOOD COUNTY, TENNESSEE**  
**2010**

Step	Entity	Operator/Transporter/Facility
Waste Collected:		
	Unincorporated Haywood County . . . . .	Haywood County Government
	Brownsville . . . . .	City of Brownsville
	Stanton . . . . .	Haywood County Government
Waste Disposed:		
	Unincorporated Haywood County . . . . .	North Shelby Landfill
	Brownsville . . . . .	North Shelby Landfill
	Stanton . . . . .	North Shelby Landfill
Waste Recycled/ Stored/ Processed:		
	Unincorporated Haywood County . . . . .	Haywood County Recycling Center
	Brownsville . . . . .	Brownsville Recycling Program and Haywood County Recycling Center
	Stanton . . . . .	Haywood County Recycling Center

SOURCE: Haywood County, Tennessee, Solid Waste Department

**TABLE 10**  
**SOLID WASTE GENERATED/DISPOSED/RECYCLED**  
**HAYWOOD COUNTY, TENNESSEE**  
**2003 – 2009**

Year	Tons Generated	Tons Disposed * <sub>1</sub>	Tons Recycled * <sub>2</sub>	Percent Recycled Of Total Tons Generated
2003	46,520.36	16,547.00	29,973.36	.64
2004	44,010.86	18,566.00	25,444.86	.58
2005	56,705.75	31,738.00	24,872.75	.44
2006	52,277.04	19,833.00	32,444.04	.62
2007	36,044.94	21,763.00	14,281.94	.40
2008	31,401.93	22,390.00	9,011.93	.29
2009	42,632.81	23,908.00	18,724.81	.44

\* 1 – Disposed of in both Class I and Class III/IV landfills.

\* 2 – Includes all public (city, county, and household hazardous waste), commercial, and industrial recycling programs.

SOURCE: Annual Progress Reports, Haywood County, Tennessee, Municipal Solid Waste Planning Region, 2003 - 2009

**TABLE 11**

**ADVANTAGES AND DISADVANTAGES OF GREEN BOX COLLECTION SYSTEMS**

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<b>Advantages</b>	
Convenience	Usually green boxes are located in close proximity to rural residents' homes.
Availability	Usually accessible to residents 24 hours a day, seven days a week.
Low cost	Normally considered to be the most economical of municipal solid waste collection systems.

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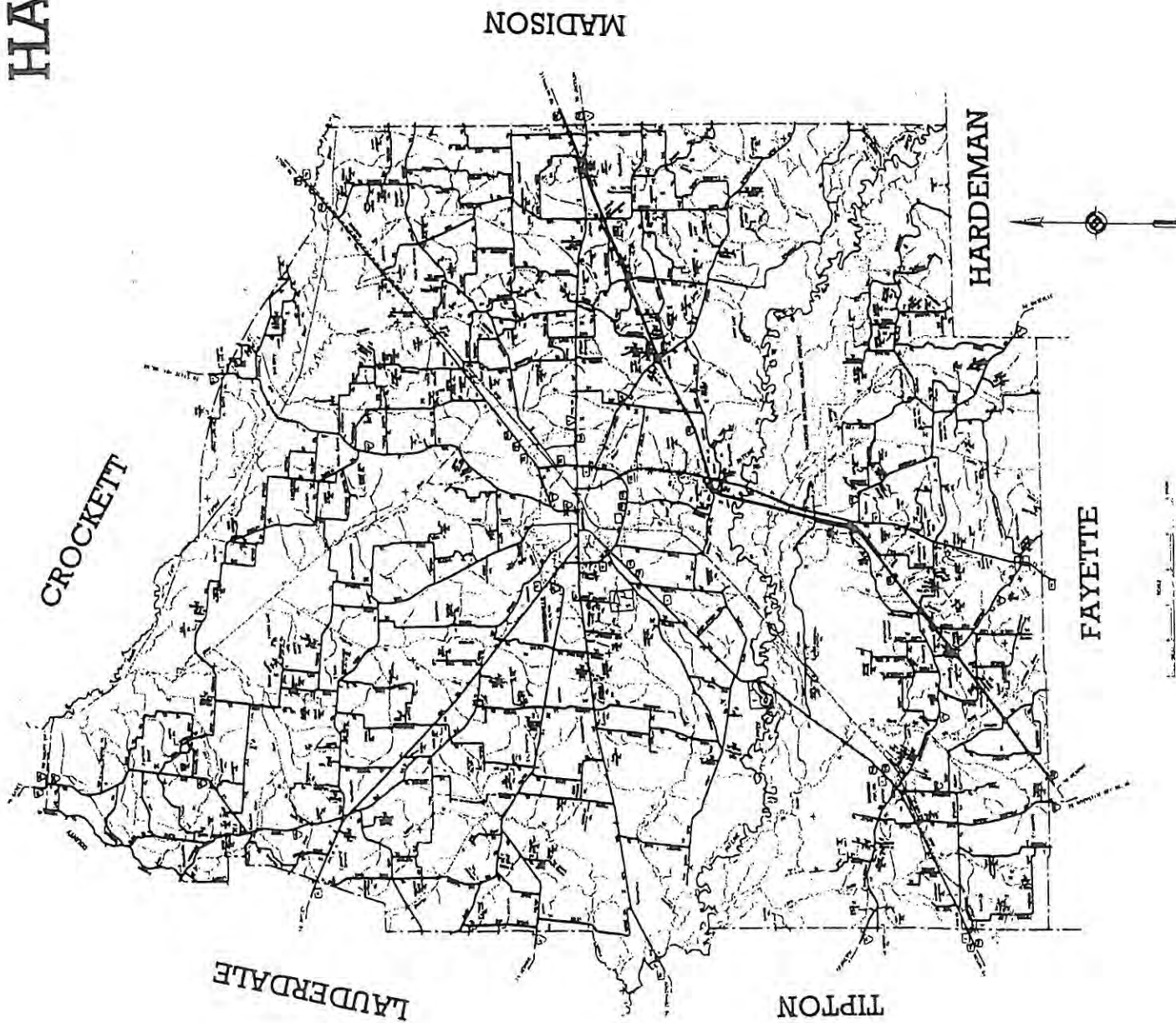
<b>Disadvantages</b>	
Unattended	Usually there is no attendant on duty at the site.
Unsightly	Site can be visually unappealing with garbage scattered about.
Attractive to vermin	If garbage is left lying about, can attract, mice, rats, snakes, raccoons, opossums, and other vermin and scavengers.
Easy to vandalize	Unattended sites are open invitations for vandals.
Inappropriate items left	Often inappropriate items are left for pick-up, such as household hazardous waste, paint, agricultural chemicals, mattresses, junked appliances, used tires, junked automobiles, explosives, construction debris, etc.
Recycling is difficult	Even if recycling containers are provided, users often do not separate and may appropriate valuable recyclables such as aluminum cans and copper items.
Difficult to site	Because of the problems listed above, sites for green boxes are often hard to locate and can cause ill will in the community.

**Section 8. MAPS**

# HAYWOOD COUNTY, TENNESSEE

## LOCATION

MAP 1



# HAYWOOD COUNTY, TENNESSEE

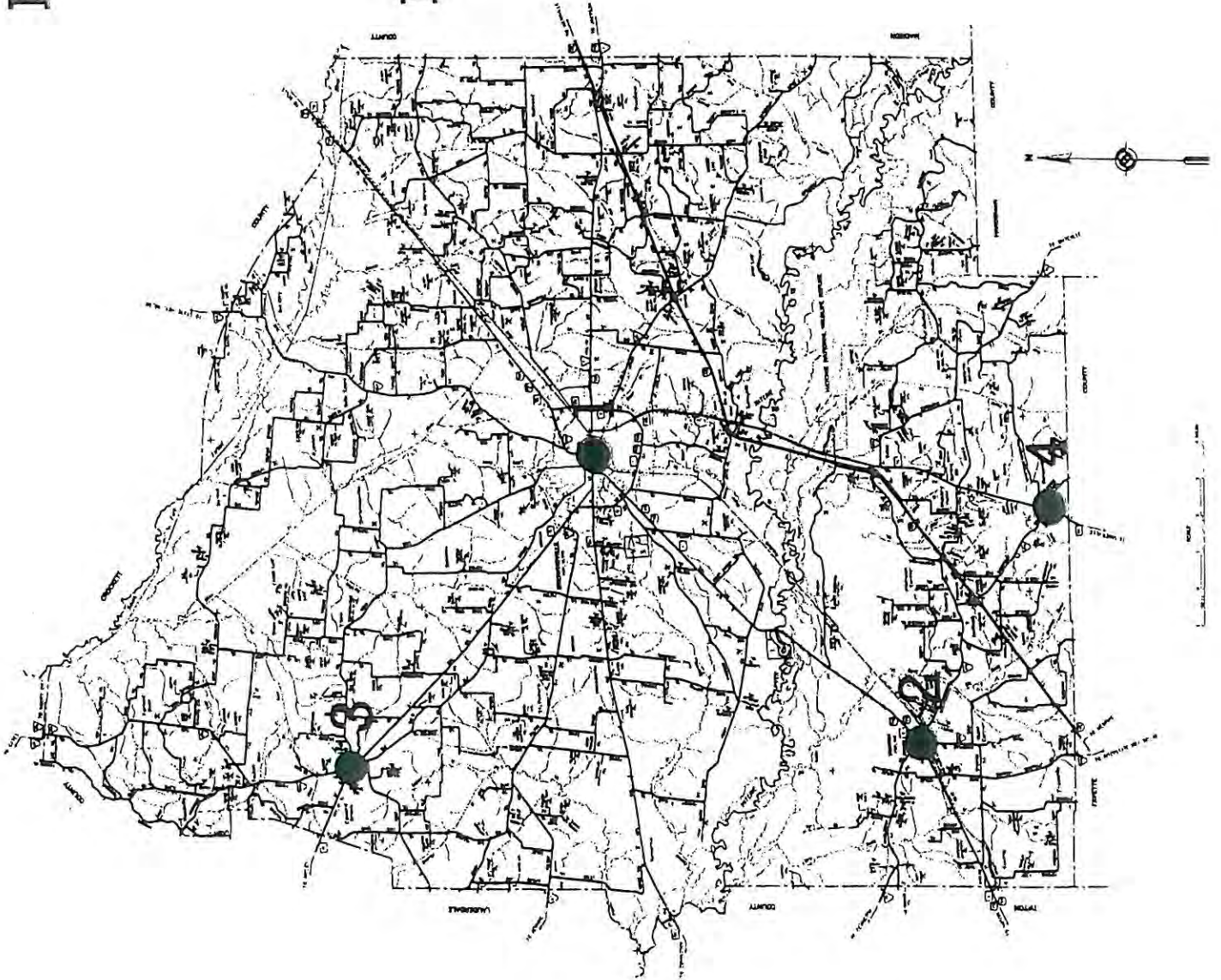
## MUNICIPALITIES AND PRINCIPAL COMMUNITIES

1. BROWNSVILLE

2. STANTON

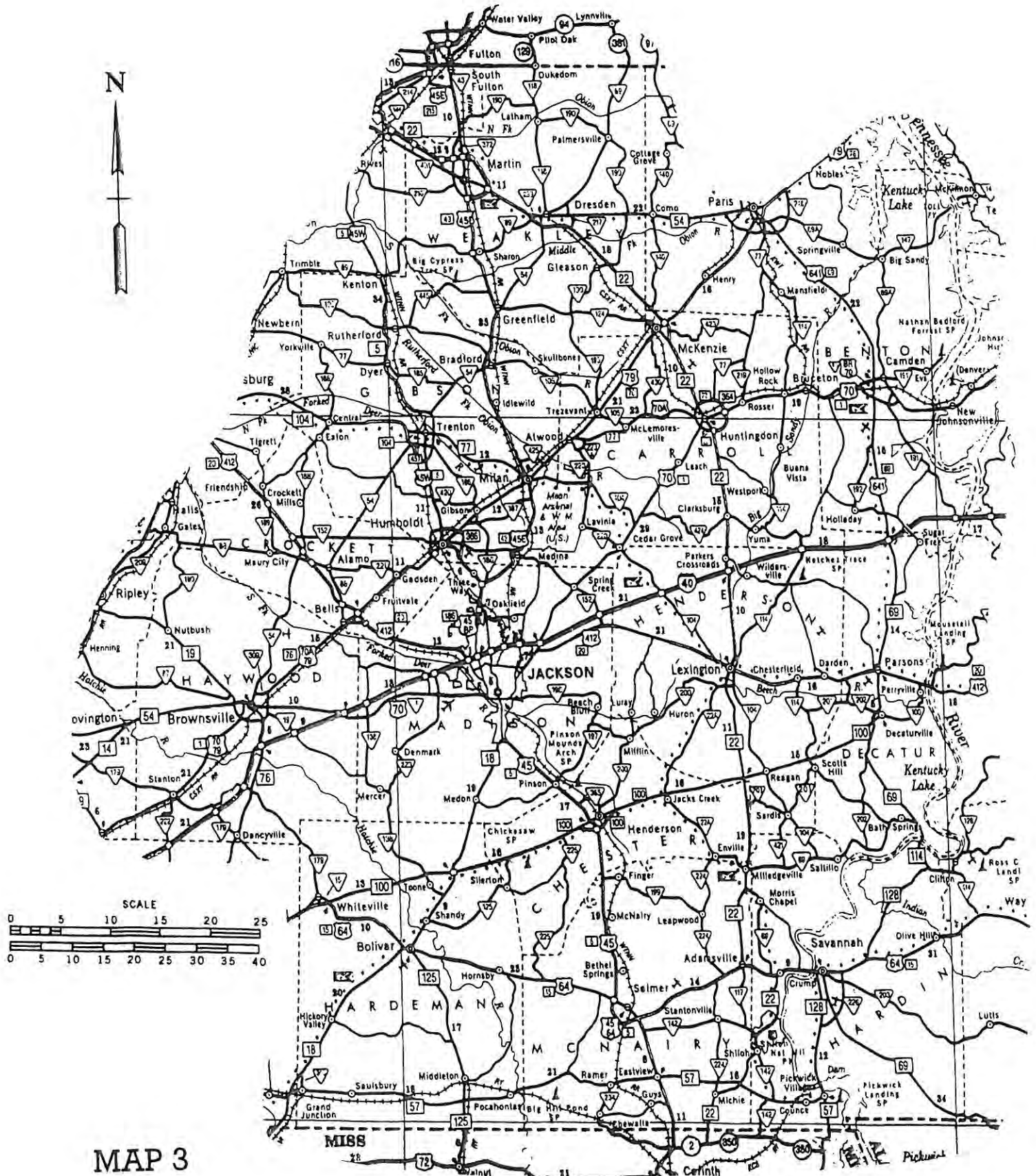
3. NUTBUSH

4. DANCYVILLE



MAP 2

# JACKSON METRO TRADE AREA



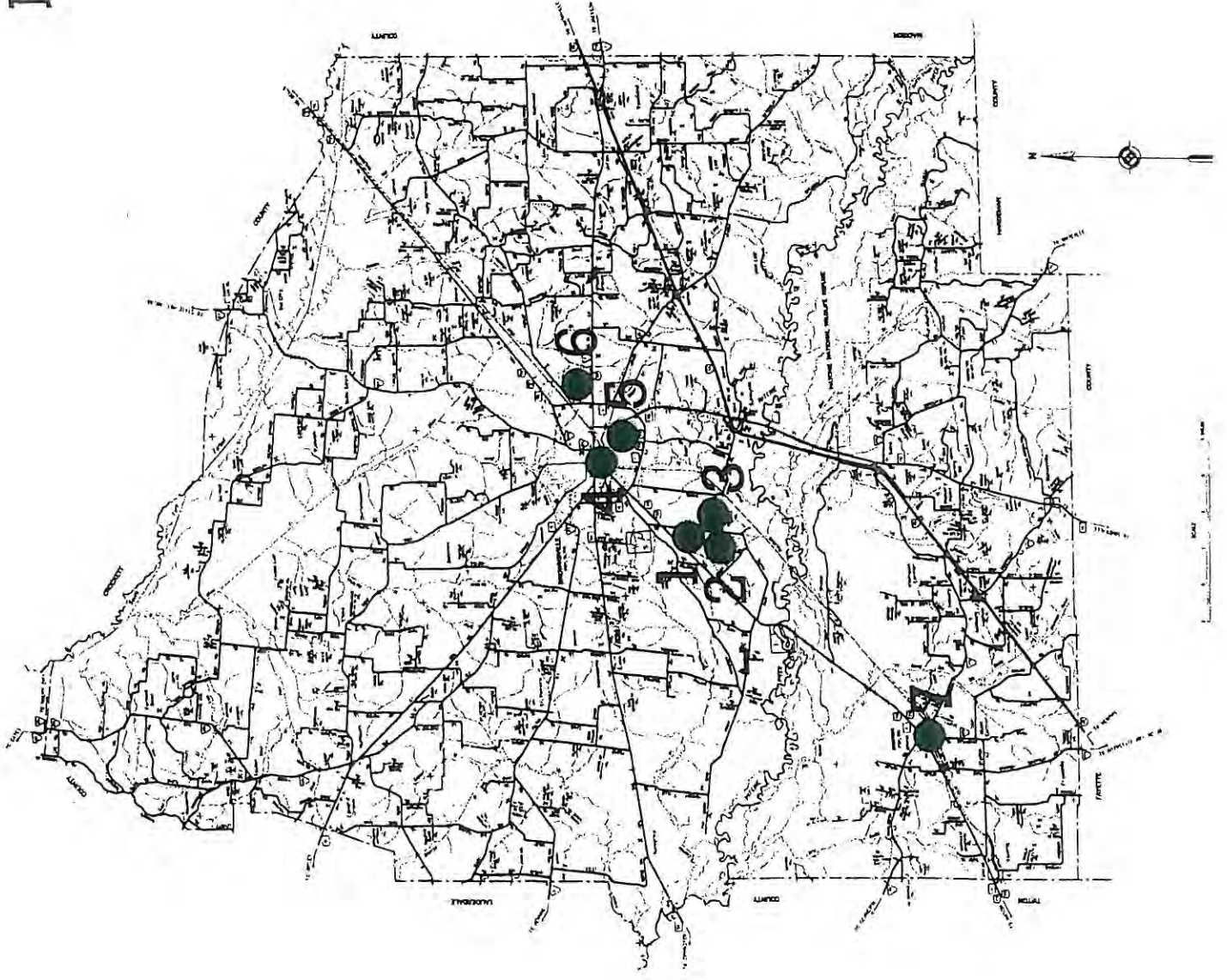
MAP 3



# HAYWOOD COUNTY, TENNESSEE

## SOLID WASTE FACILITIES

1. HAYWOOD COUNTY SOLID WASTE DEPARTMENT
2. HAYWOOD COUNTY LANDFILL
3. HAYWOOD COUNTY TRANSFER STATION
4. BROWNSVILLE MULCHING SITE
5. BROWNSVILLE DEPARTMENT OF PUBLIC WORKS
6. HAYWOOD COUNTY RECYCLING CENTER
7. STANTON RECYCLING SUBSTATION

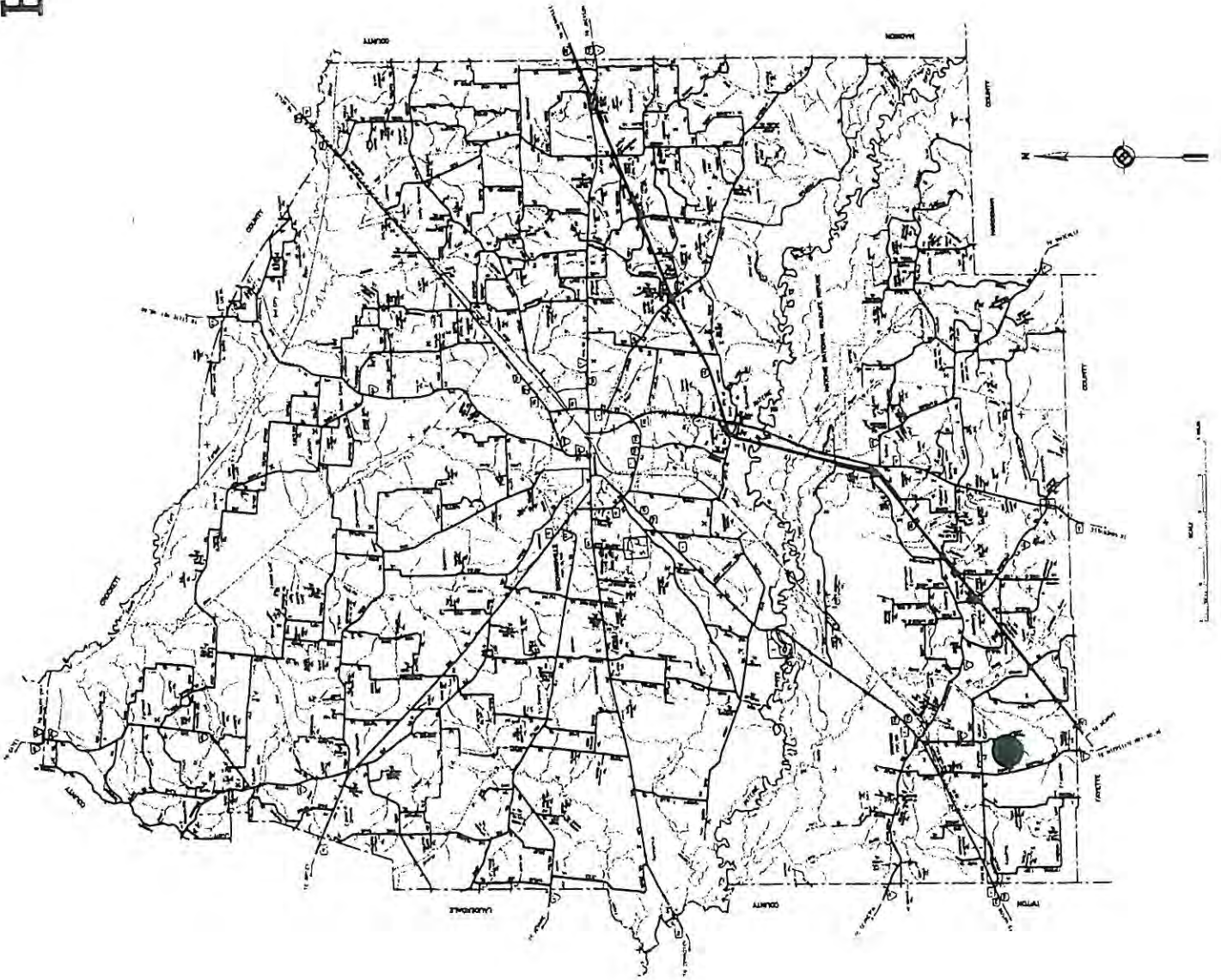


MAP 5

# HAYWOOD COUNTY, TENNESSEE

## I-40 ADVANTAGE MEGASITE

MAP 5



**Section 9. PHOTOGRAPHS**

PHOTOGRAPH 1.



The Haywood County Solid Waste Department headquarters is located at 608 Landfill Road outside Brownsville. The complex consists of a department office, a Class III/IV landfill, and a transfer station.

**PHOTOGRAPH 2.**



**The Haywood County solid waste complex is well-designed with plenty of room for expansion. The Haywood County Landfill is the only Class III/IV operating in Haywood County but has more than 100 years of use expectancy remaining.**

**PHOTOGRAPH 3.**



**The Brownsville/Haywood County Recycling Center is located at 405 Morgan Street In Brownsville in a 22,000-square-foot, former industrial building. The City of Brownsville and Haywood County Government share equally in its operating costs.**

PHOTOGRAPH 4.



The Recycling Center is conveniently located and is open six days a week. The Brownsville/Haywood County Recycling Program collected 2,383 tons of recyclables in 2009.

**PHOTOGRAPH 5.**



**The Brownsville/Haywood County Recycling Program collects metals, paper, glass, batteries, plastics, textiles, pallets and automobile fluid at its drop-off site on Morgan Street. The program also collects used tires at the Transfer Station on Landfill Road.**

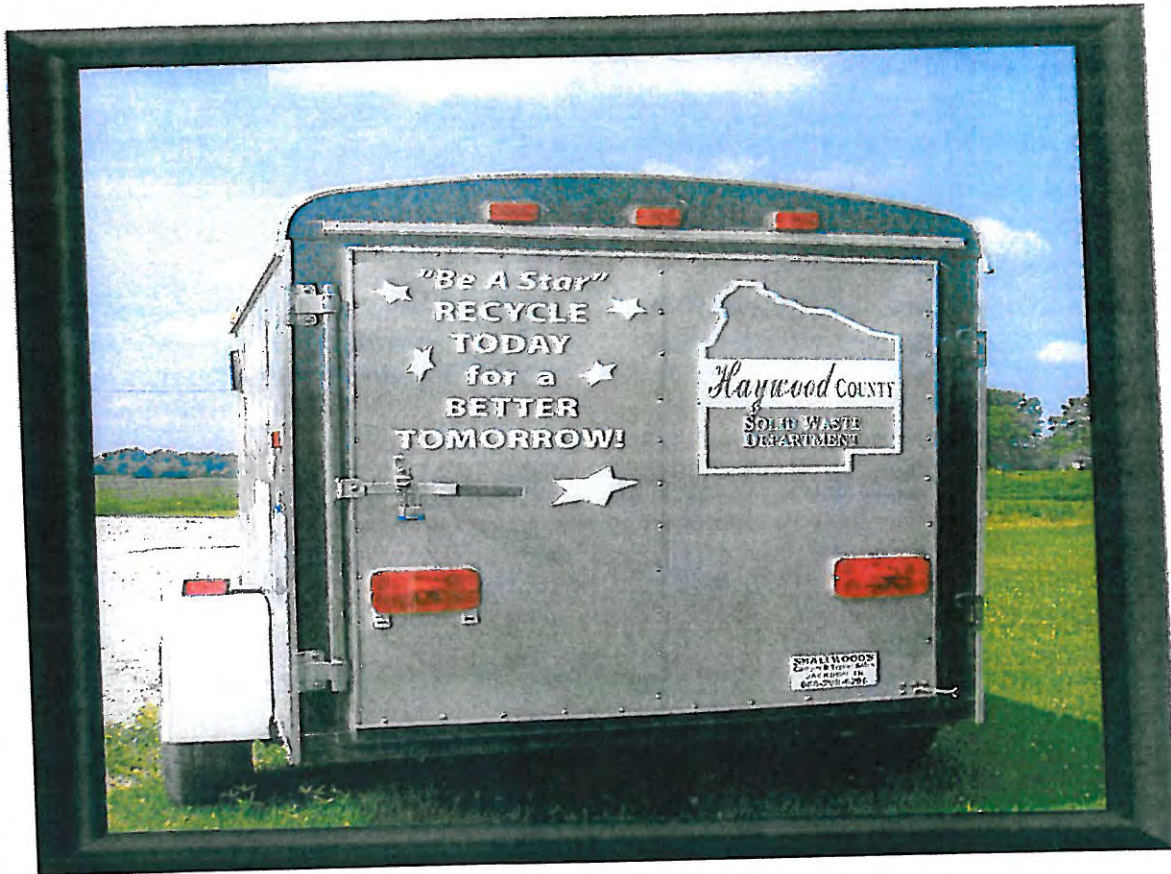


PHOTOGRAPH 6.



Haywood County promotes cardboard, newspaper, and white paper recycling with businesses throughout the county.

PHOTOGRAPH 7.



Haywood County has a recycling trailer that is available for use at special events such as fairs, festivals, picnics, as well as football games at Haywood High School in Brownsville.

**PHOTOGRAPH 8.**



Haywood County relies on a green box collection system for residents of the rural sections of the county and the City of Stanton. Although convenient, green box collection sites can be unsightly.

**PHOTOGRAPH 9.**



**Haywood County hopes to replace its outmoded green box collection system with a modern, house-to-house collection system soon.**

**PHOTOGRAPH 10.**



**Although located just to the northeast of the Memphis Metropolitan Statistical Area, Haywood County remains largely rural in character with its population just over 20,000.**

**PHOTOGRAPH 11.**



**Haywood County is prime agricultural land. Cotton has been a major crop in Haywood County ever since its establishment in 1823.**

**PHOTOGRAPH 12.**



**Soybeans is also a major crop in Haywood County. Growing corn, wheat, hay, vegetables, and fruit are important agricultural activities—as is raising cattle.**

**PHOTOGRAPH 13.**



**The Hatchie River drains much of southern Haywood County. The Hatchie River is one of the few, remaining, free-flowing rivers in the southeastern U.S.**



**PHOTOGRAPH 14.**



**The Hatchie National Wildlife Refuge protects more than 11,000 acres of land for recreational uses and offers excellent fishing opportunities, such as at O'Neal Lake pictured above.**

**PHOTOGRAPH 15.**



**Brownsville has many historic structures—some dating back prior to the Civil War. The Haywood County Museum is located in a former school in the College Hill Center Historic District.**

**PHOTOGRAPH 16.**



**Brownsville also has an active, progressive business community with many modern, well-designed commercial buildings respecting and complementing its historic districts.**

**PHOTOGRAPH 17.**



**The City of Stanton retains much of its Nineteenth Century charm—such as the old Masonic Meeting House pictured above.**

**PHOTOGRAPH 18.**



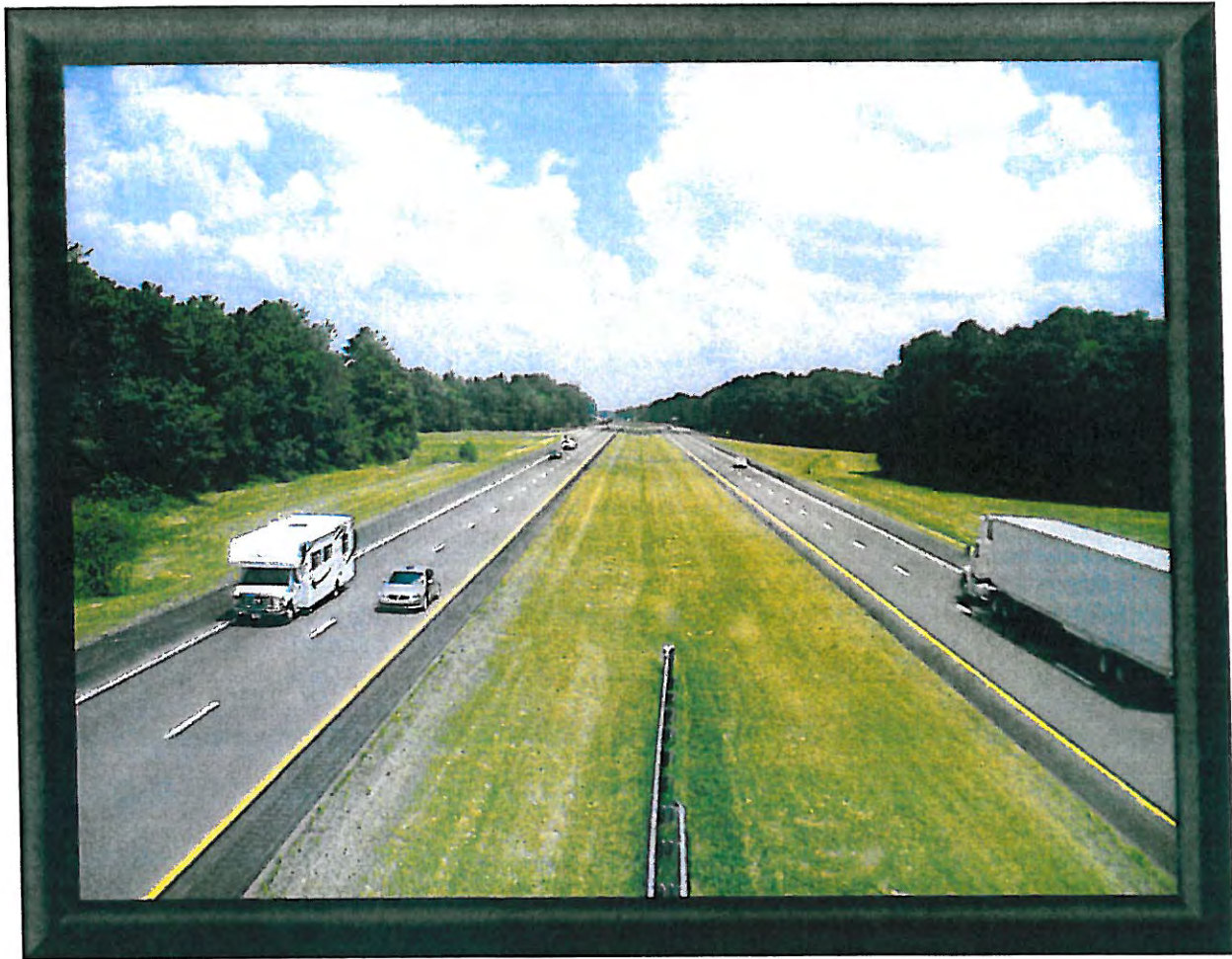
**Haywood County has lost many residents since the 1950s due to farm mechanization—and continues to lose young people today as they often opt to leave to further their education or look for jobs in nearby cities.**

PHOTOGRAPH 19.



Haywood County is promoting the I-40 Advantage Megasite as the best choice for the next “super-manufacturer” to locate in the southeastern U.S. The site is situated between Interstate 40 on the south and U.S. Highway 70/79 and the CSX Railroad on the north. Planned Interstate 69 will connect with Interstate 40 not far to the west. (Photo and graphics courtesy of the Haywood County Chamber of Commerce.)

**PHOTOGRAPH 20.**



**Interstate 40 is the key to Haywood County's future connecting the county to Memphis and points west and south and Nashville and points east and north. It is one the busiest routes for over-the-road trucking in the U.S.**

**SECTION 10. ADDENDUM**



**Addendum A.**

**TENNESSEE COMMUNITY DATA SHEETS**

**HAYWOOD COUNTY, 2008**

**CITY OF BROWNSVILLE, 2010**



# TENNESSEE COUNTY DATA SHEET

Haywood  
2008

**TENNESSEE**

Dept of Economic & Community Development



## Quick Facts

County Seat:           Brownsville  
 Established Year:     1823  
 Land Area (Sq Miles): 533  
 Largest City:           Brownsville  
 Time Zone:            Central Time Zone

## Population

1990	2000	Change	% Change	2005	2010	2020
19,437	19,797	360	1.85 %	20,046	20,339	20,573

## Labor Force Estimates

Year	Labor Force	Employment	Unemployment	Unemployment Rate
2002	9,540	8,750	780	8.91 %
2003	9,570	8,670	900	10.38 %
2004	9,350	8,550	810	9.47 %
2005	9,170	8,400	760	9.05 %
2006	9,590	8,850	740	8.36 %
2007	9,830	9,140	690	7.55 %
2008	9,380	8,390	990	11.80 %

## Taxes

Tax Year	Sales Tax	% Change	Property Tax	% Change
2002	\$7,921,969.00		\$5,970,951.00	
2003	\$7,927,142.00	0.07 %	\$5,955,108.00	-0.27 %
2004	\$8,128,258.00	2.54 %	\$6,160,626.00	3.45 %
2005	\$7,796,137.00	-4.09 %	\$7,164,659.00	16.30 %
2006	\$7,926,676.00	1.67 %	\$6,978,818.00	-2.59 %
2007	\$8,585,809.00	8.32 %	Not available	

2008	\$8,734,553.00	1.73 %	Not available
2009	\$8,714,082.00	-0.23 %	Not available

### Haywood

#### Industries

Industry Profile Year: 2006

	Average No. of Firms	Annual Avg. Employment	Annual Avg. Wage
All Industries	353	6,145	\$29,275.00
Natural Resources & Mining	28	246	\$25,023.00
Construction	22	128	\$33,229.00
Manufacturing	19	2,088	\$34,369.00
Wholesale Trade	24	160	\$43,479.00
Retail Trade	14	740	\$19,755.00
Transportation & Warehousing	57	118	\$33,832.00
Information	7	56	\$26,937.00
Financial Activities	41	393	\$33,471.00
Professional/Business Services	36	238	\$24,129.00
Education/ Health Services	26	435	\$31,312.00
Leisure/ Hospitality	23	299	\$8,542.00

#### Income

Income Year	Per Capita Income	% Change	Total Wages	% Change
2001	\$19,793.00		\$148,419,583.00	
2002	\$19,847.00	0.27 %	\$154,312,138.00	3.97 %
2003	\$21,653.00	9.10 %	\$159,501,834.00	3.36 %
2004	\$21,737.00	0.39 %	\$166,774,584.00	4.56 %
2005	\$23,141.00	6.46 %	\$168,353,281.00	0.95 %
2006	\$24,694.00	6.71 %	\$179,879,220.00	6.85 %
2007	\$24,126.00	-2.30 %		-100.00 %

#### Education

Education Year	Number of High Schools	Number of Graduates
2002	1	112
2003	1	159
2004	1	145
2005	1	139
2006	1	169
2007	1	170

Adult Education Attainment (2000) Census

% High School Graduates or Higher: 65.6

% Bachelor Degree or Higher: 11.1

## Haywood

### Retail Sales

Retail Sales Year	Retail Sales	% Change
2001	\$130,989,306.00	
2002	\$117,857,238.00	-10.03 %
2003	\$86,188,746.00	-26.87 %
2004	\$93,403,586.00	8.37 %
2005	\$123,451,334.00	32.17 %
2006	\$139,757,766.00	13.21 %
2008	\$155,461,832.00	11.24 %

### Livability

Livability Year	Median Housing Value	% Change
2002	\$74,750.00	
2003	\$81,000.00	8.36 %
2004	\$79,900.00	-1.36 %
2005	\$89,450.00	11.95 %
2006	\$95,000.00	6.20 %

### Parks and Recreation

Park	City	Acres
------	------	-------

### Golf Courses

Golf Course	City	Regulation Hole
Brownsville Country Club, Brownsville Course	Brownsville	18

## Haywood

### Industrial Growth

#### Capital Investment:

Year	New Capital Investment	Expansion	Total Investment
2001	0	6	6
2002	0	12	12
2003	2	8	10
2004	0	6	6
2005	4	8	12
2006	2	8	10

#### Jobs:

Year	New Jobs	Expansion	Total Jobs
2001	0	40	40
2002	0	172	172
2003	300	122	422
2004	0	88	88
2005	46	90	136
2006	70	366	436

### Top 10 County Manufacturers

Manufacturer	City	Product	Employment
Lasco Fittings Inc.	Brownsville	Valves & pipe fittings	440
MTD Products Inc.	Brownsville	Lawn & garden tractors & equipment	300
Dynametal Technologies Inc.	Brownsville	Metal powder	100
Pictsweet Co.	Brownsville	Frozen fruits, juices & vegetables	100
Best Metal Cabinets Inc.	Brownsville	Metal cabinets	50
Cascade Tissue Group Ifc Disposables Inc.	Brownsville	Nonwoven fabric mill; sanitary paper products	50
Glenn Electric Heater Corp.	Brownsville	Electric heating elements	50
IFCO Systems North America Inc.	Brownsville	Rectangular wooden boxes & crates; nailed wood boxes & shook	25
Ross Manufacturing Co. Inc.	Brownsville	Planting, haying, harvesting & processing machinery	18
B T Redi-Mix Inc.	Brownsville	Ready-mixed concrete	14

## References

### Sources of Information for County Data Sheets

#### I. Quick Facts

Tennessee Blue Book

[www.state.tn.us/sos/bluebook](http://www.state.tn.us/sos/bluebook)

The University of Tennessee Municipal Technical Advisory Service (MTAS)

[www.mtas.tennessee.edu](http://www.mtas.tennessee.edu)

#### II. Population

U.S Bureau of Census

[www.census.gov](http://www.census.gov)

#### III. Labor Force Estimates

Tennessee Department of Labor & Workforce Development

[www.state.tn.us/labor-wfd](http://www.state.tn.us/labor-wfd)

#### IV. Taxes

Tennessee Comptroller of Treasury

[www.comptroller.state.tn.us](http://www.comptroller.state.tn.us)

Tennessee Department of Revenue

[www.state.tn.us/revenue](http://www.state.tn.us/revenue)

#### V. Industry Profile

Tennessee Department of Labor & Workforce Development

[www.state.tn.us/labor-wfd](http://www.state.tn.us/labor-wfd)

#### VI. Income

Bureau of Economic Analysis

[www.bea.gov](http://www.bea.gov)

Tennessee Department of Labor & Workforce Development

[www.state.tn.us/labor-wfd](http://www.state.tn.us/labor-wfd)

#### VII. Education

High School Graduates Tennessee Department of Education

[www.tennessee.gov/education](http://www.tennessee.gov/education)

#### VIII. Retail Sales

Tennessee Department of Revenue

[www.state.tn.us/retail](http://www.state.tn.us/retail)

#### IX. States Sales Collection

Tennessee Department of Revenue

[www.state.tn.us/revenue](http://www.state.tn.us/revenue)

## **X. Livability**

Tennessee Housing Development Authority

[www.state.tn.us/lhda](http://www.state.tn.us/lhda)

## **XI. State Parks and Recreation Areas**

TN Department of Tourism Development

[www.tennessee.gov/tourdev](http://www.tennessee.gov/tourdev)

## **XII. Golf Courses**

Tennessee Department of Tourism

[www.tennessee.gov/tourdev](http://www.tennessee.gov/tourdev)

Golf Link (Tennessee Golf Courses)

[www.golflink.com](http://www.golflink.com)

## **XIII. Top Ten Manufacturers by Employment**

Tennessee Department of Economic Community Development

TN Department of Economic and Community Development Research and Planning Division

[www.tnecd.gov](http://www.tnecd.gov)

## **XIV. Announced Industrial Growth**

Tennessee Department of Economic & Community Development

TN Department of Economic and Community Development Research and Planning Division

[www.tnecd.gov](http://www.tnecd.gov)

### **Updates/Corrections**

Research & Strategic Planning updates the Data Sheets annually. Every attempt is made to provide current, accurate information. If you find an error or a broken link, please notify Research & Strategic Planning by faxing an updated listing to (615) 532-5239 Attn:County Data Sheet Update or by sending an email to Shirley.Calloway@state.tn.us with "County Data Sheet Update" in the subject line and the corrected information in the body of the correspondence.

Information contained on Data Sheets is updated as new information is made available by source.

*The information provided herein by the Tennessee Department of Economic and Community Development, Research and Strategic Planning Division, is believed to be accurate but is not warranted and is for informational purposes only. While all attempts have been made to provide the most accurate, up-to-date information available as of the date of printing, there is no representation or guarantee, express or implied, made as to the accuracy of the information presented. The Tennessee Department of Economic and Community Development assumes no liability for the accuracy of the information contained within.*





## COMMUNICATIONS

Post Office Class: First

Newspapers	Frequency
States Graphic	Weekly
Jackson Sun	Daily
Commercial Appeal	Daily

Radio Stations: 1 FM & a AM; 1 Spanish AM

TV Networks: All

Cable Companies: New Wave Communications  
Channels: 29

Phone Companies: AT&T/New Wave  
Communications

## INDUSTRIAL SUPPORT SERVICES

Service	Town	Distance(Miles)
Tool & Die.....	Local	
Heat Treating....	Local	
Foundry.....	Jackson	27
Heavy Hardware..	Jackson	27
Sheet Metal.....	Local	
Lubricants.....	Local	
Welding Supplies	Local	
Other:		

## FINANCE

Banks:

No. of Branches:

Combined Deposits:

Date of Deposit:

## GOVERNMENT

Gov't (type): City: Mayor & Board of Aldermen

County: County Mayor & Commissioners

Law Enforcement:	City	County
Police Officers:	35	16
Patrol Cars:	38	14
<b>Fire Department:</b>		
Fire Stations:	3	10
Fire Trucks:	5	10
Firefighters:	19	3
Volunteers:	11	100
Planning Commission:	Yes	Yes
Zoning Regualtions:	Yes	Yes
Industrial Development Corp:	Yes	No
Insurance Rating:	3	9

## COMMUNITY FACILITIES

Day Care

Day Care Centers: 15

Day Care Homes: 19

Education

State Industrial Training Service Available: Yes

Type of Public School System: County

	# Local Schools	Enrollment
Elementary.....	4	2,600
Middle/Jr. High.....	1	750
Sr. High School.....	1	1,200
Private &/or Parochial..	0	
Technology Centers.....	1	
Vo-Tech.....		
Colleges (2 & 4 year)..		
Other.....		

Notes.....

Libraries: 4 (12,056 volumes)

Health Care

Hospitals.....	1- Haywood Park Comm. Hosp.	Beds: 62
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Clinics.....

Doctors.....

Dentists.....

Nursing Homes....

Retirement Homes..

Residential

Care/Assisted Living:

Churches

Protestant:	99+
Catholic:	1
Jewish:	1
Other:	*In County

Recreation

Parks.....	2	
Golf Courses.....	1	(Public & Private)
Swimming	1	(Public & Private)
Pools.....		
Country Clubs.....	1	
Theaters.....	0	
Bowling Alleys.....	0	
Hotels & Motels.....	6	Rooms: 171
Largest Meeting Room Capacity	170	
Restaurants.....	23	

Other: Haywood County Community Center,  
National Register of Historic Homes and  
Churches District, YMCA

## Brownsville

### NATURAL RESOURCES

Minerals: Sand  
 Timber : Hardwood

### CLIMATE

Annual Avg. Temperature: 59.7°  
 Monthly Avg. High Temp: Jan. 47.1° July 91.0°  
 Monthly Avg. Low Temp: Jan. 28.1° July 68.9°  
 Annual Avg. Precipitation: 49.97"  
 Elevation: 330' above sea level  
 Prevailing Winds: South-Southwest  
 Mean Length of Freeze Free Period (Days): 210

### SELECTED ECONOMIC INDICATORS FOR HAYWOOD COUNTY

#### Estimated County Available Labor

Date: January 2010  
 Total: 1,970      Male: 1,010      Female: 960  
 Estimated Total in Surrounding Area: 19,710  
 High School Graduates (2009): 179

#### Labor Force Estimates

Annual Avg. Employment	2009
Civilian Labor Force.....	9,140
Unemployment.....	1,480
%Unemployment Rate.....	16.2
Total Employment.....	7,660

#### Per Capita Income

Year	Amount
2007	\$24,126.00

#### Retail Sales

Year	Amount
2009	\$141,182,371

#### County 10-Year Manufacturing Growth

Years: 2000-2009	New Plants	Expansions
Number Projects:	4	41
Total Investments:	\$9,600,000	\$127,253,393

### AGRICULTURAL PRODUCTS

Crops: Cotton, Soybeans & Corn  
 Livestock:

### ENERGY

#### Electricity

Electric Power System: Brownsville Utility Department  
 Additional Power System:

Source Company: TVA

#### Gas

Gas Supplier: Brownsville Utility Dept.

Source Company: Williams Pipeline

Fuel Oil Suppliers: 0

Suppliers of LP Gas: 1

### UTILITIES

#### Water

Water Supplier:

Source: 6 Wells/2 Plants

Capacity: 4,000,000 GPD

Current Consumption: 2,700,000 GPD

Storage Capacity: 2,800,000 Gallons

#### Sewer

Sewer Provider:

Type of Treatment: Trickle Filter & Lagoon

Capacity: 2,800,000 GPD

Current Usage: 1,800,000 GPD

% City Sewer Coverage: 100.0

% Storm Sewer Coverage: 100.0

Solid Waste Disposal Type: County Landfill

**For Informations on Available Buildings and Industrial Sites, visit the website:**

<http://www.tennesseeprospector.com/>

## Brownsville

### LARGEST COMPANIES (by Employment Size)

Firm Name	Products/ Services	Total Employees	Union Affiliations
Teknor Apex/Haywood Company	PVC Garden Hose, Tread Rubber	610	None
Lasco Fittings, Inc.	Plastic Pipe Fittings	500	None
Wal-mart Super Center	Retail Store	200	none
Dynametal Technologies	Powered Metal Components	120	None
Pictsweet	Frozen Food Distribution	100	None
Cascades/IFC Disposables	Disposable Wipes, Towels and Tissues	60	None
Simmco	Propane Tanks, Air Receivers	60	None
Home Improvement Warehouse	Wood Products Distribution	50	None
Haywood Element	Industrial Furnaces and Ovens	45	None
Domitar Paper Co.	Cut Sheet Paper	38	None
Plastic Containers Corporation	Plastic Containers	35	None
Best Metal Cabinets	Cabinets	35	None
Pallet Source	Wooden Pallets and Skids	33	None
Valley Crating	Crates	25	None
Ross Manufacturing	Grain Handling Equipment	25	None
Walgreens	Pharmacy/ Retail	25	None
Super D Express Rx	Pharmacy/ Retail	20	None
TVA Power Lagoon Creek Site	Electric Power Generation	20	None
Tripp Country Hams	Hams	20	None
B.T. Redi-Mix	Ready Mixed Concrete	13	None
Brownsville States Graphic	Newspaper Publishing and Printing	13	None
Concept Packaging	Crate Warehousing	13	None

#### For Further Information and Resource Details Contact:

TN Department of Economic & Community Development  
 Research and Strategic Planning Division  
 Wm. R. Snodgrass/TN Tower, 9th Floor  
 312 Rosa L. Parks Avenue  
 Nashville, TN 37243-1102  
 Phone: 615.741.1995  
 Toll Free: 1.877.768.6374  
 Fax: 615.532.5239

Website: [www.tnecd.gov](http://www.tnecd.gov)

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 Regional Jobs Development Specialist  
 TN Dept. of Economic & Community Development  
 170 N. Main St. Bldg.  
 12th Floor  
 Memphis, TN 38103  
 Phone: 901.543.6733  
 Fax: 901.543.7905  
 E-Mail: [ron.l.miles@tn.gov](mailto:ron.l.miles@tn.gov)

Website: [www.tnecd.gov](http://www.tnecd.gov)

Joe Ing  
 Executive Director  
 Brownsville/Haywood Ct. Chamber  
 121 West Main Street  
 Brownsville, TN 38012  
 Phone: 731.772.2193  
 Fax: 731.772.2195  
 E-Mail: [brownvillechamber@newwavecomm.com](mailto:brownvillechamber@newwavecomm.com)  
 Website: [www.brownvillehaywoodcounty.com](http://www.brownvillehaywoodcounty.com)

**Addendum B.**

**HAYWOOD COUNTY, TENNESSEE SELECTED STATISTICAL INFORMATION  
TENNESSEE ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS**



## Tennessee Advisory Commission on Intergovernmental Relations (TACIR)

Harry A. Green, Executive Director

[I. Geography & Demographics](#)

[II. Income & Poverty](#)

[III. Health & Healthcare](#)

[IV. Employment](#)

[V. Value of Farmland & Agricultural Products Sold](#)

[VI. County Government Finance](#)

[VII. Public Infrastructure Needs Inventory](#)

[VIII. Adult & Post-secondary Education](#)

[IX. Public School Systems](#)

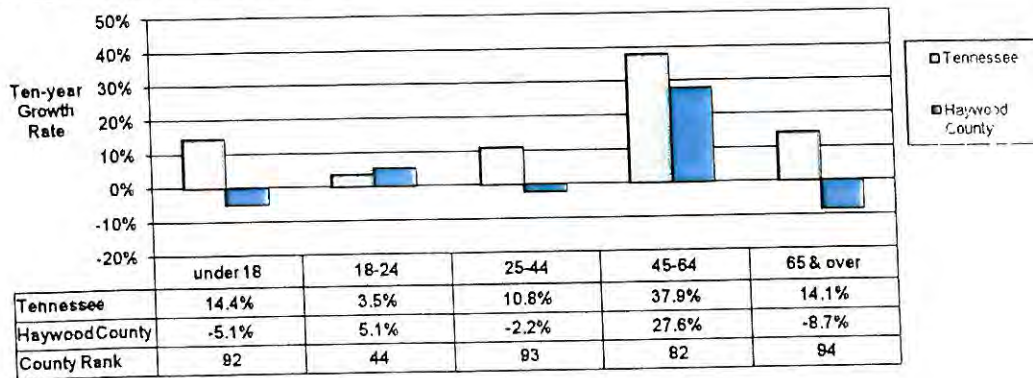
### Haywood County, Tennessee Selected Statistical Information

#### I. Geography & Demographics

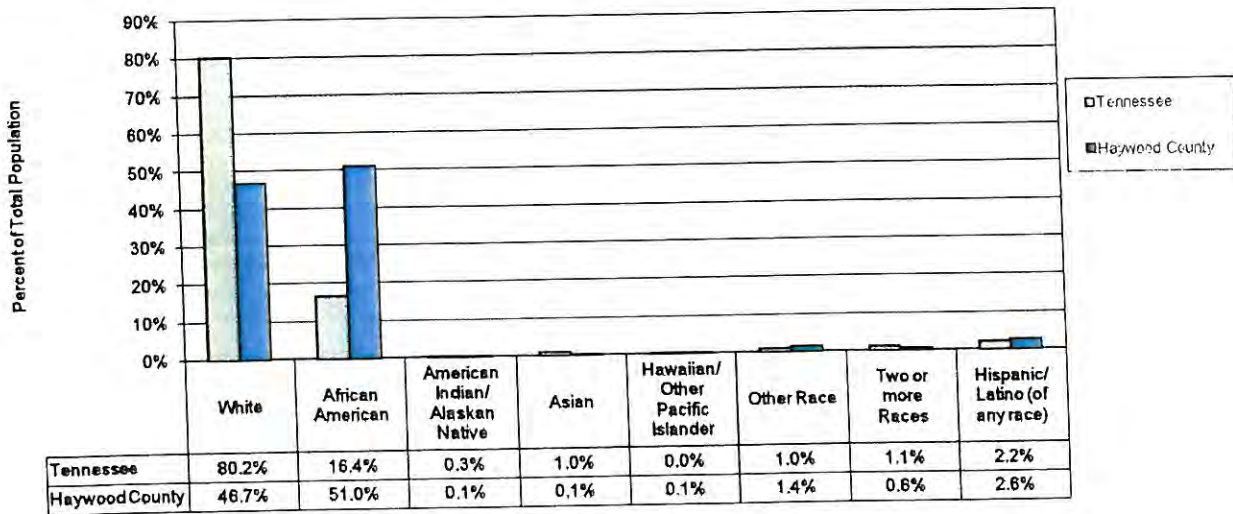
	Tennessee	Haywood County	County Rank	Percent of State Total
Total Land Area (sq. mi.)	41,217	533	29th	1.3%
<b>Farmland (2007)</b>				
Acres of Farmland	10,969,798	214,336	13th	2.0%
Number of Farms	79,280	491	71st	0.6%
Average Size of Farms (Acres)	138	437	2nd	
<b>Population</b>				
2009 Estimate	6,296,254	18,881	67th	0.3%
2000 Census	6,240,456	19,030	19,797	0.3%
1990 Census	4,877,203	19,437	59th	0.4%
Gain (1990 to 2000)	1,363,253	360	94th	0.0%
Growth Rate (1990 to 2000)	28.0%	1.9%	94th	
<b>Comparison to State Figure</b>				
<b>Population Density (per sq. mi.)</b>				
2009 Estimate	152.8	35.4	67th	23.2%
2000 Census	151.4	35.7	81st	23.6%
1990 Census	118.3	36.5	73rd	30.8%
<b>Percent of State Total</b>				
<b>Urban Population</b>				
2000 Census	3,618,968	10,309	41st	0.3%
1990 Census	2,969,948	10,019	34th	0.3%
Growth Rate (1990 to 2000)	21.9%	2.9%	51st	
<b>Percentage Point Difference</b>				
<b>Percent of Population in Urban Areas</b>				
2000 Census	63.6%	52.1%	23rd	-11.5%
1990 Census	60.9%	51.5%	17th	-9.3%
<b>Median Age</b>				
2000 Census	36	35	82nd	
1990 Census	34	33	83rd	
<b>Percentage Point Difference</b>				
<b>Population Percentages by Age Bracket</b>				
2000 Census				
under 18	24.6%	27.2%	6th	2.6%
18-24	9.6%	9.8%	18th	0.1%
25-44	30.2%	27.3%	77th	-2.9%
45-64	23.2%	21.9%	85th	-1.3%
65 & over	12.4%	13.8%	48th	1.5%
1990 Census				
under 18	25.1%	29.2%	4th	4.1%

18-24	10.9%	9.5%	57th	-1.4%
25-44	31.8%	28.5%	71st	-3.4%
45-64	19.6%	17.5%	92nd	-2.1%
65 & over	12.6%	15.4%	27th	2.8%

Population Growth by Age Bracket, 1990 to 2000



Population Percentages by Race/Ethnicity (2000 Census)



	Tennessee	Haywood County	County Rank*	Comparison to State Figure
Males per 100 Females (2008)	95.1	87.2	59th	91.7%
Marriages Recorded per 1,000 Population in 2008	9.5	7.6	45th	80.0%
Divorces Recorded per 1,000 Population in 2008	4.3	2.9	16th	67.4%

\*A rank of 1 indicates the best condition.



## II. Income & Poverty

	Tennessee	Haywood County	County Rank*	Comparison to State Figure
<b>Per Capita Personal Income</b>				
2007	\$33,395	\$24,126	73rd	72.2%
2000	\$26,097	\$20,148	61st	77.2%
Compound Annual Growth Rate	3.55%	2.61%	79th	
<b>Median Household Income</b>				
2008	\$43,610	\$32,860	79th	75.3%
2000	\$35,760	\$28,661	77th	80.1%
Compound Annual Growth Rate	2.51%	1.72%	61st	
<b>2008 Poverty Rate</b>				
All Ages	15.5%	21.9%	84th	6.40%
Related Children Under 18 Years	21.8%	28.3%	73rd	6.50%
<b>2000 Census</b>				
All Ages	13.1%	14.3%	44th	1.14%
Related Children Under 18 Years	15.9%	20.1%	67th	4.14%
<b>2009 Food Stamp Recipients (Monthly Average )</b>				
Percent of Households	20.4%	35.8%	86th	15.44%
Percent of Individuals	17.8%	29.2%	86th	11.42%
<b>2009 Families First</b>				
Percent of Households	2.4%	2.9%	89th	0.48%
Percent of Individuals	2.5%	3.1%	89th	0.58%

\*A rank of 1 indicates the best condition.

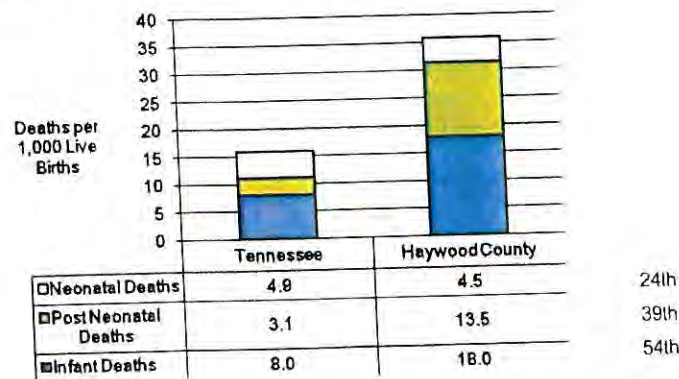
### III. Health & Healthcare

	Tennessee	Haywood County	County Rank*	Comparison to State Figure
<b>2008 Pregnancy &amp; Birth Rates</b>				
Live births per 1,000 Population	13.9	11.4	18th	82.0%
Percent of Live Births to Unmarried Parents	44.0%	63.1%	73rd	143.4%
Percent Low Birth Weight	9.2%	13.5%	54th	146.7%
Pregnancies per 1,000 Females Aged 15-44	79.6	69.0	47th	86.7%
Pregnancies per 1,000 Females Aged 10-17	13.6	14.1	50th	103.7%
Pregnancies per 1,000 Females Aged 10-14	1.2	2.8	20th	233.3%

\* A rank of 1 indicates the best condition.

	Tennessee	Haywood County	County Rank*	Comparison to State Figure
<b>2008 Mortality Rates</b>				
Number of Deaths per 1,000 Population	9.5	10.9	27th	114.7%
Number of Deaths per 100,000 Population by Cause of Death				
Diseases of the Heart	238.2	343.4	79th	144.2%
Cancer (Malignant Neoplasm)	213.3	251.2	55th	117.8%

\* A rank of 1 indicates the best condition.



	Tennessee	Haywood County	County Rank	Comparison to State Figure
<b>Access to Healthcare</b>				
Medical Doctors per 1,000 (2007)	1.8	0.4	78th	20.1%
Hospital Beds per 1,000 Population (2008)	4.2	3.2	36th	76.2%
Nursing Home Beds per 1,000 Pop. 65 & older (2008)	46.0	44.1	61st	95.7%
				Percentage Point Difference
2008 Charity Care--Percent of All Hospital Care	9.4%	5.5%	27th	-3.9%

### IV. Employment

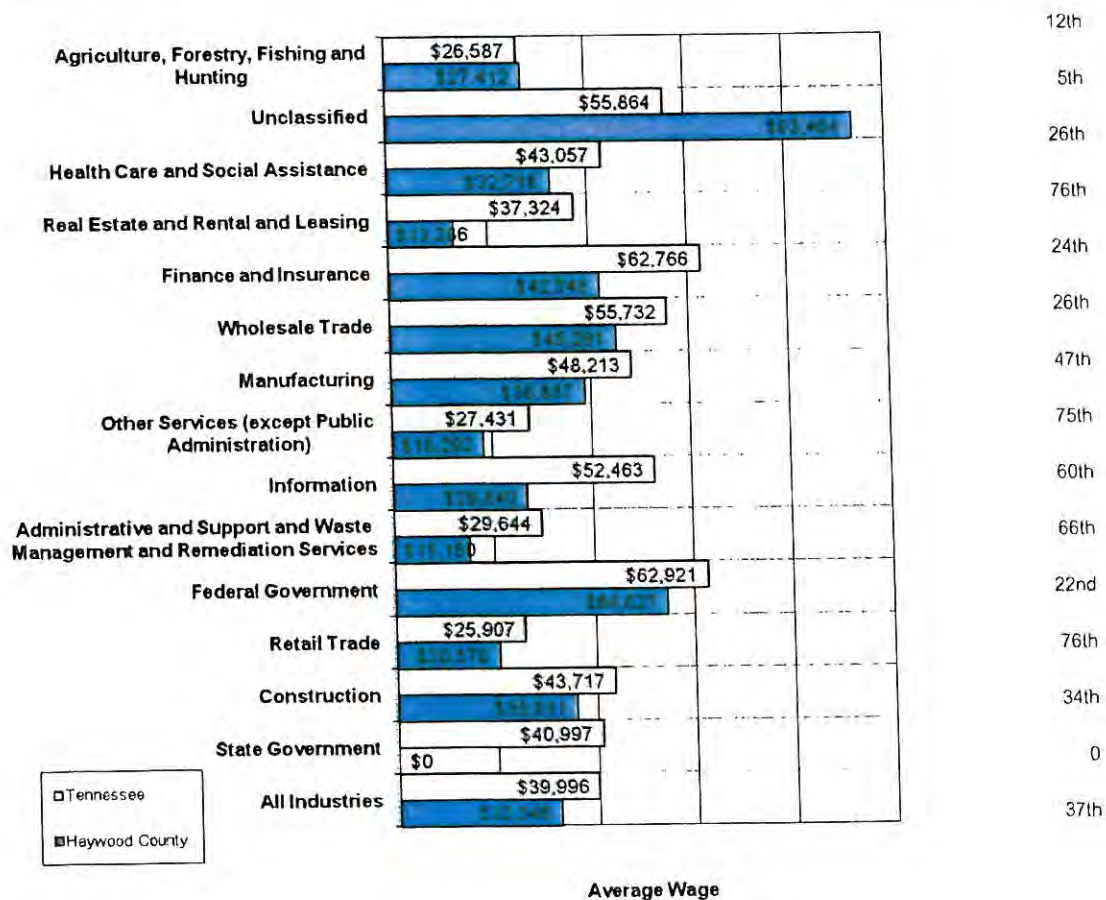
Unemployment Rate	Tennessee	Haywood County	County Rank*	Percentage Point Difference
2010 (March)	10.8%	17.6%	91st	6.8%
2000	4.0%	5.7%	81st	1.7%
2008 Youth Unemployment Rate	20.5%	35.1%	90th	14.6%

\* A rank of 1 indicates the best condition.

2008 Employment Percentages by Major Industry	Tennessee	Haywood County	County Rank	Percent of State Total
Total Employment All Industries	2,721,990	5,810	61st	0.2%
Agriculture, Forestry, Fishing and Hunting	0.3%	2.8%	8th	2.4%
Unclassified	0.0%	0.1%	22nd	0.2%
Health Care and Social Assistance	11.5%	7.4%	37th	0.1%
Real Estate and Rental and Leasing	1.3%	1.2%	38th	0.2%
Finance and Insurance	4.0%	4.3%	40th	0.2%
Wholesale Trade	4.9%	3.4%	42nd	0.2%
Manufacturing	13.2%	34.7%	44th	0.6%
Other Services (except Public Administration)	2.6%	1.9%	49th	0.2%
Information	1.8%	0.9%	50th	0.1%
Administrative and Support and Waste Management and Federal Government	6.8%	2.0%	50th	0.1%
Retail Trade	1.8%	1.1%	54th	0.1%
Construction	12.0%	12.4%	56th	0.2%
State Government	4.7%	1.9%	69th	0.1%
	3.3%	0.0%	0	0.0%

2008 Average Annual Wage by Major Industry

County Rank



## V. Value of Farmland and Agricultural Products Sold

	Tennessee	Haywood County	Rank	Comparison to State Figure
2007 Estimated Market Value of Farmland & Buildings (Average Per Farm)	\$ 467,420	\$ 1,056,476	3rd	226.0%
2007 Estimated Market Value of Farmland & Buildings (Average Per Acre)	\$ 3,378	\$ 2,420	85th	71.6%
2007 Total Market Value of Agricultural Products Sold	\$2,617,394,000	\$ 46,038,000	17th	1.8%

## VI. County Government Finance *(municipalities' revenue data not available)*

2001-2002 Revenue by Source (in thousands)	Tennessee	Percent of Revenue	Haywood County	Percent of State Total
Grand Total	\$ 8,062,012	100.0%	\$ 34,608	100.00%
Total State Revenue	\$ 2,504,883	31.1%	\$ 14,905	43.1%
Public Schools	1,949,045	24.2%	11,969	34.6%
All Other	555,838	6.9%	2,936	8.5%
Federal Revenue	\$ 511,055	6.3%	\$ 5,008	14.5%
Total Local Revenue	\$ 5,046,074	62.6%	\$ 14,695	42.5%
Property Tax	2,720,971	33.8%	6,427	18.6%
Local Sales Tax	1,123,100	13.9%	2,900	8.4%
Other Local	1,202,003	14.9%	5,368	15.5%

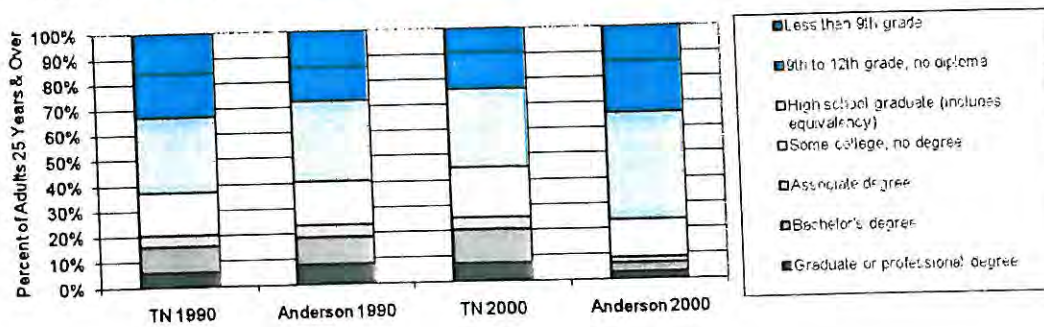
Tax Base	Tennessee	Haywood County	County Rank	Percent of State Total
2008 Equalized Assessed Property Value (in thousands)	\$ 140,531,616	\$ 364,543	56th	0.3%
Tax Base Per Capita	\$ 22,320	\$ 19,156	41st	
2008 County Property Tax Rate (per \$100)		\$2.18	59th	
2008 Total Taxable Sales (in thousands)	\$ 69,005,974	\$ 90,141	40th	0.1%
Tax Base Per Capita	\$ 12,129	\$ 4,774	65th	
2008 County Sales Tax Rate		2.75%	1st	

## VII. Public Infrastructure Needs Inventory

Estimated Costs, 2008 - 2013 (in thousands)	Tennessee	Haywood County	County Rank	Percent of State Total
Project Type	\$ 18,308,244	\$ 104,365	52nd	0.6%
Transportation	1,943,172	31,489	16th	1.6%
Existing School Improvements	1,980,570	15,950	24th	0.8%
Law Enforcement	239,818	11,930	4th	5.0%
Industrial Sites & Parks	4,162,819	7,350	73rd	0.2%
Water & Wastewater	1,137,239	1,206	69th	0.1%
Recreation	332,400	568	35th	0.2%
Community Development	4,016,123	-	46th	0.0%
Non K-12 Education	1,661,472	-	43rd	0.0%
K-12 New School Construction	810,315	-	26th	0.0%
Business District Development	605,264	-	77th	0.0%
Public Buildings	591,584	-	34th	0.0%
Other Utilities	358,552	-	46th	0.0%
Libraries, Museums, & Historic Sites	342,065	-	26th	0.0%
Public Health Facilities	339,666	-	38th	0.0%
Stormwater	202,913	-	52nd	0.0%
Fire Protection	104,659	-	15th	0.0%
School System-wide Need	70,463	-	12th	0.0%
Housing	50,547	-	28th	0.0%
Solid Waste	38,372	-	9th	0.0%
Other Facilities	30,241	-	6th	0.0%
Telecommunications	6,303	-	10th	0.0%
Property Acquisition				
Grand Total	\$ 37,332,800	\$ 172,857	51st	0.5%

### VIII. Adult & Post-secondary Education

Adult Educational Attainment	Tennessee	Haywood County	County Rank	Percentage Point Difference
<b>2000 Census</b>				
Percent w/ HS diploma (or equivalent) or better	75.9%	65.6%	63rd	-10.3%
Percent w/ Bachelors Degree or better	19.6%	11.1%	39th	-8.5%
<b>1990 Census</b>				
Percent w/ HS diploma (or equivalent) or better	67.1%	53.0%	64th	-14.1%
Percent w/ Bachelors Degree or better	16.0%	8.7%	42nd	-7.3%



#### Number of Post-secondary Institutions (2009)

<b>Four-year Colleges and Universities</b>	77	0
Public	14	0
Private	63	0
<b>Other Public Institutions</b>	95	0
Community Colleges	13	0
Technology Centers	27	0
Two-Year Private Institutions	21	0
Off-campus Sites	34	0

#### 2008 - 2009 Enrollment at Post-secondary Institutions

<b>Four-year Colleges and Universities*</b>	225,312	0
Public	139,568	0
Private	85,744	0
<b>Other Public Institutions*</b>	161,885	0
Community Colleges	92,226	0
Technology Centers	11,339	0
Two-Year Private Institutions	14,228	0
Off-campus Sites	44,092	0

\* Note: By location of institution, not county of residence of students

**IX. Public School Systems** (Total number of school systems is 136)

	Statewide	Haywood County
<b>Number of Students</b>		
<b>2008-2009</b>	945,458	3,301
<i>Percent of Statewide</i>		0.3%
1998-1999	892,270	3,676
<i>Percent of Statewide</i>		0.4%
Increase/(Decrease)	53,188	-375
Percent Change	6.0%	-10.2%
<b>2008-2009</b>		
Free or Reduced-price Meals	57.8%	82.8%
Federal Title 1	41.4%	54.5%
Special Education	14.5%	15.2%
English Language Learners	9.2%	1.5%

	Statewide	Haywood County
<b>2008-2009 Accreditation by Southern Association of Colleges and Schools</b>		
Elementary Schools	73.2%	0.0%
Secondary Schools	90.1%	0.0%
<b>Students per Classroom Teacher*</b>		
<b>2008-2009</b>	14.8	14.3
1998-1999	16.9	14.5
Increase/(Decrease)	(2.1)	(0.2)
<b>Progress Through School</b>		
<b>Promotion Rate</b>		
<b>2008-2009</b>	98.5%	99.2%
1998-1999	96.4%	96.6%
<b>Dropout Rate</b>		
<b>2008-2009</b>	10.4%	7.3%
1998-1999	14.8%	11.4%

\*Classroom teachers include art, music and physical education teachers. Because these auxiliary teachers are included, ratios of students to classroom teachers do not represent and tend to be lower than actual class sizes.

	Statewide	Haywood County
<b>Expenditures per Student</b>		
<b>2008-2009</b>	\$7,935	\$7,726
<i>Percent of Statewide</i>		97.4%
1998-1999	\$5,100	\$5,220
<i>Percent of Statewide</i>		102.4%
Increase/Decrease	\$2,834	\$2,505
Percent Change	55.6%	48.0%
<b>Classroom Teachers' Average Salary*</b>		
<b>2008-2009</b>	\$45,549	\$41,427
<i>Percent of Statewide</i>		91.0%
1998-1999	\$35,490	\$30,848
<i>Percent of Statewide</i>		86.9%
Gain	\$10,060	\$10,580
Percent Change	28.3%	34.3%
<b>Revenue by Source (percent of total)</b>		
<b>2008-2009</b>		
State	48.4%	63.5%
Federal	11.1%	13.6%
Local	40.5%	22.9%
<i>System Rank for Percent Local</i>		92nd
1998-1999		
State	49.1%	57.7%
Federal	8.7%	16.9%
Local	42.2%	25.4%
<i>System Rank for Percent Local</i>		93rd

Statewide	Haywood County	County Rank
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2009-2010 County Area Fiscal Capacity			
Estimated Local Revenue per Student	\$2,888	\$2,497	19th

### Sources of Information for County Profiles

#### I. Geography & Demographics

U.S. Bureau of the Census--all data except for marriage and divorce rates.

[www.census.gov](http://www.census.gov)

U.S. Department of Agriculture - farmland data

<http://www.usda.gov/wps/portal/usdahome>

TN Dept. of Health - marriage and divorce rates.

<http://health.state.tn.us/>

#### II. Income & Poverty

U.S. Bureau of the Census--median household income data & poverty rates.

[www.census.gov](http://www.census.gov)

TN Dept. of Human Services--Food Stamp data and Families First data.

<http://www.tn.gov/foodstamps>

[http://tn.gov/humanserv/adfam/afs\\_tanf.html](http://tn.gov/humanserv/adfam/afs_tanf.html)

U.S. Bureau of Economic Analysis - per capita income data

[www.bea.gov](http://www.bea.gov)

#### III. Health & Healthcare

TN Dept. of Health, Health Statistics & Research--pregnancy, births, mortality & healthcare access

<http://health.state.tn.us/statistics/healthdata.htm>

#### IV. Employment

TN Dept. Of Labor and Workforce Development - unemployment

<http://www.state.tn.us/labor-wfd/>

U.S. Department of Labor - employment data.

[www.bls.gov/lau/home.htm](http://www.bls.gov/lau/home.htm)

#### V. Value of Farmland and Agricultural Product Sold

U.S. Department of Agriculture - farmland data

<http://www.usda.gov/wps/portal/usdahome>

#### VI. County Government Finance (municipalities' revenue data not available)

TN County Technical Advisory Service (CTAS), Resource Center--county revenue data.

[www.ctas.utk.edu](http://www.ctas.utk.edu)

TN Comptroller of the Treasury, Division of Property Assessment--equalized assessed property

<http://www.comptroller.state.tn.us/pa/taxaqr.htm>

TN Dept. of Revenue--total taxable sales.

[www.state.tn.us/revenue/files.htm](http://www.state.tn.us/revenue/files.htm)

#### VII. Public Infrastructure Needs Inventory

TN Advisory Commission on Intergovernmental Relations--all data.

<http://tn.gov/tacir/infrastructure.html>

#### VIII. Adult & Post-secondary Education

U.S. Bureau of the Census--educational attainment

[www.census.gov/population/www/socdemo/educ-attn.html](http://www.census.gov/population/www/socdemo/educ-attn.html)

TN Higher Education Commission--post-secondary institution and enrollment data.

[www.state.tn.us/thec](http://www.state.tn.us/thec)

#### IX. Public School Systems (Total number of school systems is 136)

TN Department of Education--all data except fiscal capacity.

[http://www.state.tn.us/education/reports\\_data.shtml](http://www.state.tn.us/education/reports_data.shtml)

TN Advisory Commission on Intergovernmental Relations--education fiscal capacity.

<http://tn.gov/tacir/fiscalcapacity.html>

**Addendum C.**

**HAYWOOD COUNTY, TENNESSEE, SOLID WASTE BUDGET**

**2009-2010 ESTIMATED/2009-2010 ACTUAL/2010-2011 ESTIMATED**



## 207 BUDGET

## REVENUE

2009-2010 EST ACTUAL 2010-2011

40330 BEER TAX	95000	95000	95000
43110 TIPPING FEE	485000	621000	485000
44120 LEASE RENTALS	9500	10496	10500
44130 SALE OF MATERIALS	25000	35805	25000
44170 MISC REFUND	0	17000	0
46170 TIRE GRANT PROGRAM	13500	13500	13500
48130 CONTRIBUTION	18000	18000	21000
49800 TRANSFER FROM 116	160000	160000	160000
TOTAL	806000	970801	810000

## ESTIMATED EXPENSES

105 DIRECTOR	19669	19669	19669
143 EQUIPMENT OPERATOR	100121	98621	100121
187 OVERTIME	7227	5952	7227
201 SOCIAL SECURITY	10313	11464	10250
204 STATE RETIREMENT	17082	20046	17550
205 EMPLOYEE INSURANCE	26902	21870	21000
206 LIFE INSURANCE	1000	1256	1200
210 UNEMPLOYMENT	537	189	241
299 OTHER FRINGE BENEFITS	10290	10640	8085
307 COMMUNICATION	2000	1939	2000
309 CONTRACTS W/ GOV AGENCY	4100	3716	4100
312 CONTRACTS W/ PRIVATE AGENCY	455000	526712	455000
321 ENGINEER FEE	4500	0	3500
322 EVALUATION AND TESTING	15800	15416	15800
332 LEGAL NOTICES	100	0	100
333 LICENSES / PERMITS	6825	5885	8825
336 EQUIPMENT MAINTENANCE	500	579	500
337 OFFICE MAINTENANCE	800	60	800
348 POSTAL CHARGES	200	11	200
349 PRINTING/STATIONARY FORMS	750	575	750
351 RENTALS	36000	36000	42000
355 TRAVEL	2000	1983	2000
409 CRUSHED STONE	7000	2288	5000
412 DIESEL FUEL	17000	8358	10000
413 DRUGS / MEDICAL SUPPLIES	100	152	100
415 ELECTRICITY	6500	6500	6800
418 EQUIPMENT REPAIR	24000	46253	24000
420 FERTILIZER/SEED/CHEMICALS	1500	500	1000
425 GASOLINE	8000	4279	7000
433 LUBRICANTS	1400	467	1400
435 OFFICE SUPPLIES	1350	687	1350
450 TIRES AND TUBES	4500	4775	4500
499 OTHER SUPPLIES	5000	4118	5000
508 SURTY BONDS	75	75	75
510 TRUSTEE COMMISSION	8000	6900	8000
511 VEHICLE INSURANCE	5000	19177	5000

207 BUDGET

	2009-2010	EST ACTUAL	2010-2011
513 WORKERS COMP	13000	9348	10000
514 DEPRECIATION	27000	27000	0
599 OTHER CHARGES	5000	5318	5000
717 MAINTENANCE EQUIPMENT	10500	10607	6500
791 OTHER CONSTRUCTION	20000	2499	20000
LEASE PAYMENT			4800
TOTAL	886641	941884	846443
DEPRECIATION			27000
			873443

116 REVENUE	2009-2010 ACTUAL	2010-2011	2010-2011
43107 RESIDENTIAL CHARGES	486000	513000	495000
42170 WORK RELEASE	2500	1104	1000
44170 MISC REFUND	0	1409	1000
46430 LITTER GRANT	29000	29000	29000
LOAN GRANT	50000	50000	0
TOTAL REVENUE	567500	594513	526000
105 DIRECTOR	19670	19670	19670
161 SECRETARY	28265	28265	28265
143 EQUIPMENT OPERATORS	97433	97093	97433
187 OVERTIME PAY	4460	1850	4460
206 LIFE INSURANCE	700	721	735
210 UNEMPLOYMENT	0	231	231
299 FRINGE BENEFIT	12460	12110	9765
317 DATA PROCESSING	25000	22228	25000
332 LEGAL FEES	6000	399	6000
336 MAINTENANCE / REPAIR	1100	701	1100
348 POSTAL CHARGES	13200	15186	15000
349 PRINTING/ STATIONARY	1000	510	1000
409 CRUSHED STONE	600	2158	600
412 DIESEL	45000	33320	40000
418 EQUIPMENT REPAIR	22000	24843	22000
420 FERTILIZER/ CHEMICALS	150	0	150
425 GASOLINE	14000	12824	14000
429 INSTRUCTIONAL SUPPLIES	5800	6098	5800
433 LUBRICANTS	1500	1878	1500
435 OFFICE SUPPLIES	1100	911	1100
450 TIRES/ TUBES	11500	11007	11500
499 OTHER SUPPLIES	3600	1470	3600
599 OTHER CHARGES	1650	1978	1650
709 DATA EQUIPMENT	2000	0	0
717 MAINTENANCE EQUIPMEN	15000	10752	10000
791 BUILDING CONSTRUCTION	175925	168678	0
307 COMMUNICATION	1650	1885	1800
415 ELECTRICITY	3000	2593	3000
510 TRUSTEE COMMISSION	5300	5300	5300
511 VEHICLE INSURANCE	17500	15819	17500
513 WORKERS COMP	8500	9549	9550
201 SOCIAL SECURITY	12298	10400	12000
204 STATE RETIREMENT	20366	17085	20914
205 EMPLOYEE INSURANCE	26098	14251	25800
210 UNEMPLOYMENT	384	231	231
LEASE PAYMENT			4800
590 TRANSFER	160000	160000	160000
TOTAL EXPENSES	764209	711994	581454



