

10/20/2020

Mr. Nick Jackson, Chair
Knox Municipal Solid Waste Region
205 West Baxter Avenue
Knoxville, TN 37917

Dear Mr. Jackson:

The Solid Waste Management Act of 1991 set a goal that each municipal solid waste (MSW) region in the State of Tennessee shall reduce Class I MSW landfill disposal and incineration by twenty-five percent (25%) since 1995 on a per capita basis. If regions do not achieve this reduction, rules allow the Department to use a real-time comparison methodology to determine whether 25% of the MSW generated in the current year was diverted or recycled.

Based on the information submitted in the 2019 Annual Progress Report, the MSW Region **achieved the 25% waste reduction and diversion goal**. Using the base year methodology, the region achieved a 16% (decrease since 1995) but using the real-time comparison methodology the region achieved a 50% (amount diverted or recycled) reduction.

If you should have any questions, please contact us at (615) 532-0780 or by email at Trey.White@tn.gov, Ashby.Barnes@tn.gov, Bishop.Wagener@tn.gov, or Christina.Perez@tn.gov.

Sincerely,



Recovered Materials Staff

CC: The Honorable Glenn Jacobs, Knox County Mayor
Drew Thurman, Knox County Solid Waste Director
John LeCroy, Regional Director for External Affairs
Tim Hendrick, East Tennessee Development District

2020 Knox County Regional Solid Waste Plan Reporting 2019 Waste and Recycling Data

Purpose of Document

The following is an update to the Regional Solid Waste Plan and an annual progress report on public and privately funded regional solid waste efforts. Waste and recycling totals conveyed in this document are estimates entered into an online reporting software called Re-TRAC. Regular solid waste plan updates and annual reporting to the Tennessee Department of Environment and Conservation (TDEC) is required under state law. Efforts are made to capture all available waste and recycling data but actual totals may differ from estimates entered into Re-TRAC. TDEC reserves the right to adjust numerical waste, recycling, and diversion totals the region reports if they have reason to believe the numbers should be changed. TDEC officials review and issue a letter on the status of the reporting later in the calendar year.

The Knox County Regional Solid Waste Board is presented the following information at a publicly held and properly noticed meeting. The Board votes to accept the reporting and empowers the chair to sign off electronically on the final document. The Board Chair signoff and the final acknowledgment by the Knox County Mayor are completed in Re-TRAC. This plan will be used by the Solid Waste Board and by local solid waste offices for guidance in making solid waste decisions and to help formulate solid waste policies for the region. For questions about this document or solid waste assistance within Knox County contact Knox County Solid Waste at 865-215-5865 or send an email to solidwaste@knoxcounty.org.

References in T.C.A. about Plans and Annual Reporting

This document and the reporting through Re-Trac satisfy the following statutes.

T.C.A. 68-211-814 Municipal solid waste region plans — Authority of region or solid waste authority after approval. —

T.C.A. 68-211-815 Municipal solid waste region plans — Contents. —

T.C.A. 68-211-871 Annual report — Contents — Annual progress report — Sanctions for noncompliance — Annual reports by recovered materials facilities. —

Addendum at end of Document:

Knoxville Area Facts & Figures 2019 (Knox - Knox County Planning)

<https://archive.knoxmpc.org/locldata/facts-figures/2019%20Facts%20and%20Figures.pdf>

ADMINISTRATIVE CONTACT INFORMATION

ANNUAL | 2019

Knox County

Regional Planning Contacts

Planning Region Report Author

Report Author: * Drew Thurman

Author Title: Knox County Solid Waste Director

Organization: * Knox County Government

Address: * 205 W. Baxter Ave

City: Knoxville

Zip: * 37917

Phone: * 865-215-5865 (###)###-#### ext. ####

Mobile: (###)###-#### ext. ####

Email: * solidwaste@knoxcounty.org

Solid Waste Regional Planning Board or Part 9 Authority

Chair: * Nick Jackson

Address: * 205 W. Baxter Ave

City: Knoxville

Zip: * 37917

Phone: * 865-215-5865 (###)###-#### ext. ####

Mobile: (###)###-#### ext. ####

Email: * solidwaste@knoxcounty.org

Term Expires: 03/31/2021

Planning Board

Solid Waste Regional Planning Board Member or Part 9 Board Member *

David Collins

Jurisdiction *

Knox County

Term Expires

03/31/2021

Contact Method:

Phone Email Address

Email:

Planning Board

Solid Waste Regional Planning Board Member or Part 9 Board Member *

Catherine Wilt

Jurisdiction *

Knox County

Term Expires

03/31/2024

Contact Method:

Phone Email Address

Email:

solidwaste@knoxcounty.org

Planning Board

Solid Waste Regional Planning Board Member or Part 9 Board Member *

Kim Davis

Jurisdiction *

Knox County

Term Expires

03/31/2024

Contact Method:

Phone Email Address

Email:

solidwaste@knoxcounty.org

Planning Board

Solid Waste Regional Planning Board Member or Part 9 Board Member *

Jay Price

Jurisdiction *

City of Knoxville

Term Expires

03/31/2025

Contact Method:

Phone Email Address

Email:

solidwaste@knoxcounty.org

Local Government Contacts

Local Government Mayor or Executive: * Glenn Jacobs
Title: Knox County Mayor
Address: * 400 Main Street, Suite 615
City: Knoxville
Zip: * 37902
Phone: * 865-215-2005 (###)###-#### ext. ####
Mobile: (###)###-#### ext. ####
Email: county.mayor@knoxcounty.org

Solid Waste Director: Drew Thurman
Title: Solid Waste Director
Organization: Knox County Government
Address: 205 W. Baxter Ave.
City: Knoxville
Zip: 37917
Phone: 865-215-5865 (###)###-#### ext. ####
Mobile: (###)###-#### ext. ####
Email: solidwaste@knoxcounty.org

Recycling Coordinator: All Staff
Title: Multiple
Organization: Knox County Solid Waste
Address: 205 West Baxter Ave
City: Knoxville
Zip: 37917
Phone: 865-215-5865 (###)###-#### ext. ####
Mobile: (###)###-#### ext. ####
Email: recycle@knoxcounty.org

1. Other Key Contacts

Name: Patience Melnik
Title: Waste and Resources Manager
Organization: City of Knoxville

Address: 400 Main St.
Address 2: Room 470
City: Knoxville
State: Tennessee
Zip: 37902
Email: pmelnik@knoxvilletn.gov
Work Phone: 865-215-4311
Cell Phone:

Area of Responsibility (Check all that apply):

- | | |
|--|---|
| <input checked="" type="checkbox"/> Recycling | <input checked="" type="checkbox"/> Solid Waste |
| <input checked="" type="checkbox"/> Education and Outreach | <input checked="" type="checkbox"/> Tires |
| <input checked="" type="checkbox"/> HHW | <input type="checkbox"/> Elected Official |

Response created on: Feb 5, 2020 at 03:43 PM CST by Linnea.Boogades@knoxcounty.org

Response last updated on: Jun 16, 2020 at 10:51 AM CDT by recycle@knoxcounty.org

DEMOGRAPHIC INFORMATION (COMPLETED BY TDEC)

ANNUAL | 2019

Knox County

Instructions:

The State of Tennessee will input this information as it becomes available.

Population Information

Number of people in the regular population:

470,313

Household Information

Total number of households:

183,318

Other Information

Consumer Price Index:

255.66

Current Year Employment:

241,409

Taxable Sales:

Response created on: Apr 1, 2020 at 11:10 AM CDT by Bishop.Wagener@tn.gov

Response last updated on: Apr 24, 2020 at 10:19 AM CDT by Bishop.Wagener@tn.gov

10 YEAR AND PLAN UPDATE

ANNUAL | 2019

Knox County

Each Region submitted an original 10 Year Plan detailing the roles and responsibilities of those who provide solid waste and materials management services. Tennessee Code Annotated §68-211-814(a)(3) and Rule 0400-11-01-.09(3)(j) require each Region to submit an annual progress report covering the next ten (10) years that serves as routine update to the Region's original 10 Year Plan. Similarly, Rule 0400-11-01-.09(3)(d) requires each county to develop a comprehensive integrative municipal solid waste management plan consistent with the 2015 – 2025 Solid Waste and Materials Management State Plan. Each county comprehensive integrative municipal solid waste management plan then modifies, updates and contributes to each Region's Plan, Rules 0400-11-01-.09(3)(e). Information provided in the following fields will serve as the county's comprehensive integrative municipal solid waste management plan which informs updates to each Region's annual progress report.

The Department understands that not all elements of the Plan change year to year. When answering the following questions, county/counties within the Region may elect to answer "No Update Required". By choosing this option, the county's contribution to the Region's last update to the Department will be the most current 10 Year Planning Update. We encourage the Region to think about its plans for the next 10 Years and the updates needed to amend its original plan.

Thinking over the next 10 years, will any of the contents of the current Regional Plan need to be updated? The contents of the Municipal Solid Waste Region Plans, described in §68-211-815(b), are listed below. By selecting yes, there will be an opportunity to amend the section. By selecting no, the system will bring forward the last update and make it most current amendment. Tennessee Code Annotated requires Region plan amendments shall be consistent with the state solid waste plan.

Yes

No

Select each section(s) the Region would like to amend:

Demographics

Current System Analysis

Adoption of the uniform financial accounting system required by §68-211-874

Anticipated growth trends for the next ten-year period

Anticipated waste capacity needs

Planned capacity assurance, including descriptions of planned or needed facilities

A recycling plan, including a description of current public and private recycling efforts and planned efforts to enhance recycling within the county or region

A plan for the disposal of household hazardous wastes

A description of waste reduction and recycling activities designed to attain the goal required by §68-211-861

A description of education initiatives aimed at businesses, industries, schools, citizens and others; which addresses recycling, waste reduction, collection and other goals

An evaluation of multi-county solid waste disposal region options with an explanation of the reasons for adopting or failing to adopt a multi-county regional approach

A timetable for implementation of the plan

A description of the responsibilities of the various participating jurisdictions

A plan for managing solid waste generated as a result of disasters or emergencies, based upon the FEMA 325 Public Assistance Program

A Plan for Managing Solid Waste Generated as a Result of Disasters or Emergencies, Based Upon the FEMA 325 Public Assistance Program

Attach a copy of the Region's Most Current Disaster Debris Plan:

Additional Information:

Nothing has changed regarding Knox County and the Knox County Solid Waste Region with respect to our Emergency Debris Management Plan. We have a plan and our plan consists of relying on pre-event contracted services. These contracts were established in conjunction with the Knoxville Emergency Management Agency (KEMA). At our most recent Top 5 meeting there was some question as to whether we had a plan which I explained that our plan was contractual. To be sure I drafted the attached memo to sit in the binder of all our contract documents. But it just states what has been stated all along. For several years this has been our response in the APR

Response created on: Mar 9, 2020 at 08:53 AM CDT by Linnea.Boogades@knoxcounty.org

Response last updated on: Mar 9, 2020 at 08:53 AM CDT by Linnea.Boogades@knoxcounty.org

ANNUAL PROGRESS REPORT

ANNUAL | 2019

Knox County

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- Solid Waste and Recycling Services
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1. Convenience Centers

Are there permitted convenience centers in the county or its municipalities? *

Yes No

Permitted Convenience Center Name: * Carter Convenience Center

Name not listed on the permit (Common Name):

Address: * 8815 Asheville Highway

City: * Knoxville

Zip: * 37924

Permit: * CCC470027 CCCxxxxxxxx

Phone Number: * (856)215-5865 (xxx) xxx-xxxx

Select days of operation: *

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Enter hours of operation, and include if there are split times and/or mid-day closures: *

Monday - Friday 8:00 am - 6:00 pm, Saturday 7:00 am - 3:00 pm, except holidays.

Does this site collect materials beside household garbage? *

- Yes
- No

What materials are collected? *

- | | | | |
|--|--|----------------------------------|---|
| <input checked="" type="checkbox"/> Metals | <input checked="" type="checkbox"/> Paper | <input type="checkbox"/> Glass | <input checked="" type="checkbox"/> Batteries |
| <input checked="" type="checkbox"/> Plastic | <input type="checkbox"/> Textiles | <input type="checkbox"/> Pallets | <input checked="" type="checkbox"/> Tires |
| <input checked="" type="checkbox"/> Used Oil | <input checked="" type="checkbox"/> Antifreeze | <input type="checkbox"/> E-Scrap | <input type="checkbox"/> Paint |
| <input checked="" type="checkbox"/> Other | | | |

If material is collected as 'single stream', please describe the specific materials that are included:

Number of residents that used the convenience center in 2019: 334,285

Permitted Convenience Center Name: * Dutchtown Convenience Center

Name not listed on the permit (Common Name):

Address: * 10618 Dutchtown Road

City: * Knoxville

Zip: * 37932

Permit: * CCC470022 *CCCxxxxxxxx*

Phone Number: * (865) 215-5865 *(xxx) xxx-xxxx*

Select days of operation: *

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

Enter hours of operation, and include if there are split times and/or mid-day closures: *

Monday - Friday 8:00 am - 6:00 pm, Saturday 7:00 am - 3:00 pm, except holidays

Does this site collect materials beside household garbage? *

- Yes
- No

What materials are collected? *

- | | | | |
|--|--|---|---|
| <input checked="" type="checkbox"/> Metals | <input checked="" type="checkbox"/> Paper | <input type="checkbox"/> Glass | <input checked="" type="checkbox"/> Batteries |
| <input checked="" type="checkbox"/> Plastic | <input checked="" type="checkbox"/> Textiles | <input type="checkbox"/> Pallets | <input checked="" type="checkbox"/> Tires |
| <input checked="" type="checkbox"/> Used Oil | <input checked="" type="checkbox"/> Antifreeze | <input checked="" type="checkbox"/> E-Scrap | <input type="checkbox"/> Paint |
| <input checked="" type="checkbox"/> Other | | | |

If material is collected as 'single stream', please describe the specific materials that are included:

Number of residents that used the convenience center in 2019: 334,285

Permitted Convenience Center Name: * Halls Convenience Center

Name not listed on the permit (Common Name):

Address: * 3608 Neal Drive
City: * Knoxville
Zip: * 37918
Permit: * CCC470483 *CCCxxxxxxxx*
Phone Number: * (865) 215-5865 *(xxx) xxx-xxxx*

Select days of operation: *

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

Enter hours of operation, and include if there are split times and/or mid-day closures: *

Monday - Friday 8:00 am - 6:00 pm, Saturday 7:00 am - 3:00 pm, except holidays

Does this site collect materials beside household garbage? *

- Yes
- No

What materials are collected? *

- | | | | |
|--|--|---|---|
| <input checked="" type="checkbox"/> Metals | <input type="checkbox"/> Paper | <input type="checkbox"/> Glass | <input checked="" type="checkbox"/> Batteries |
| <input checked="" type="checkbox"/> Plastic | <input checked="" type="checkbox"/> Textiles | <input type="checkbox"/> Pallets | <input checked="" type="checkbox"/> Tires |
| <input checked="" type="checkbox"/> Used Oil | <input checked="" type="checkbox"/> Antifreeze | <input checked="" type="checkbox"/> E-Scrap | <input type="checkbox"/> Paint |

Other

If material is collected as 'single stream', please describe the specific materials that are included:

Number of residents that used the convenience center in 2019: 334,285

Permitted Convenience Center Name: * John Sevier Convenience Center

Name not listed on the permit (Common Name):

Address: * 1950 West Governor John Sevier Highway

City: * Knoxville

Zip: * 37920

Permit: * CCC470449 CCCxxxxxxxx

Phone Number: * (865) 215 5865 (xxx) xxx-xxxx

Select days of operation: *

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Enter hours of operation, and include if there are split times and/or mid-day closures: *

Monday - Friday 8:00 am - 6:00 pm, Saturday 7:00 am - 3:00 pm, except holidays

Does this site collect materials beside household garbage? *

Yes

No

What materials are collected? *

Metals

Paper

Glass

Batteries

Plastic

Textiles

Pallets

Tires

Used Oil

Antifreeze

E-Scrap

Paint

Other

If material is collected as 'single stream', please describe the specific materials that are included:

Number of residents that used the convenience center in 2019: 334,285

Permitted Convenience Center Name: * Karns Convenience Center

Name not listed on the permit (Common Name):

Address: * 6930 Karns Crossing Lane

City: * Knoxville

Zip: * 37849

Permit: * CCC470563 CCCxxxxxxxx

Phone Number: * (865) 215-5865 (xxx) xxx-xxxx

Select days of operation: *

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Enter hours of operation, and include if there are split times and/or mid-day closures: *

Monday - Friday 8:00 am - 6:00 pm, Saturday 7:00 am - 3:00 pm, except holidays

Does this site collect materials beside household garbage? *

Yes

No

What materials are collected? *

Metals

Paper

Glass

Batteries

Plastic

Textiles

Pallets

Tires

Used Oil

Antifreeze

E-Scrap

Paint

Other

If material is collected as 'single stream', please describe the specific materials that are included:

Number of residents that used the convenience center in 2019: 334,285

Permitted Convenience Center Name: * Powell Convenience Center

Name not listed on the permit (Common Name):

Address: * 7311 Morton View Lane

City: * Knoxville
Zip: * 37849
Permit: * CCC470532 CCCxxxxxxxx
Phone Number: * (865) 215-5865 (xxx) xxx-xxxx

Select days of operation: *

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

Enter hours of operation, and include if there are split times and/or mid-day closures: *

Monday - Friday 8:00 am - 6:00 pm, Saturday 7:00 am - 3:00 pm, except holidays

Does this site collect materials beside household garbage? *

- Yes
- No

What materials are collected? *

- | | | | |
|--|--|----------------------------------|---|
| <input checked="" type="checkbox"/> Metals | <input checked="" type="checkbox"/> Paper | <input type="checkbox"/> Glass | <input checked="" type="checkbox"/> Batteries |
| <input checked="" type="checkbox"/> Plastic | <input type="checkbox"/> Textiles | <input type="checkbox"/> Pallets | <input type="checkbox"/> Tires |
| <input checked="" type="checkbox"/> Used Oil | <input checked="" type="checkbox"/> Antifreeze | <input type="checkbox"/> E-Scrap | <input type="checkbox"/> Paint |
| <input checked="" type="checkbox"/> Other | | | |

If material is collected as 'single stream', please describe the specific materials that are included:

Number of residents that used the convenience center in 2019: 334,285

Permitted Convenience Center Name: * Tazewell/Gibbs Convenience Center

Name not listed on the permit (Common Name):

Address: * 7201 Tazewell Pike
City: * Knoxville
Zip: * 37721
Permit: * CCC470526 CCCxxxxxxxx
Phone Number: * (865) 215-5865 (xxx) xxx-xxxx

Select days of operation: *

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Enter hours of operation, and include if there are split times and/or mid-day closures: *

Monday - Friday 8:00 am - 6:00 pm, Saturday 7:00 am - 3:00 pm, except holidays

Does this site collect materials beside household garbage? *

Yes

No

What materials are collected? *

Metals

Paper

Glass

Batteries

Plastic

Textiles

Pallets

Tires

Used Oil

Antifreeze

E-Scrap

Paint

Other

If material is collected as 'single stream', please describe the specific materials that are included:

Number of residents that used the convenience center in 2019: 334,285

2. Public Collection with Green Box (Rule 0400-11-01-.10(5)(a))

Does the county or its municipalities operate and use unmanned county collection containers or green boxes for municipal solid waste collection? *

Yes

No

3. List publicly operated curbside municipal solid waste programs

Do residents in the county or each municipality have access to municipal solid waste curbside service(s)? *

Yes

No

	COUNTY/MUNICIPALITY *	HOW IS COLLECTION MANAGED? *	FREQUENCY COLLECTED *	COLLECTION METHOD *	ASIDE FROM HOUSEHOLD GARBAGE ARE RESIDENTS ABLE TO DISPOSE OF THE FOLLOWING AT THE CURB? *	HOUSEHOLDS SERVED
1	City of Knoxville	<input checked="" type="checkbox"/> Publicly <input type="checkbox"/> Open Market <input type="checkbox"/> Nonexclusive Franchise <input checked="" type="checkbox"/> Contract <input type="checkbox"/> Managed Competition	<input type="radio"/> Twice a week <input checked="" type="radio"/> Once a week <input type="radio"/> Every other week	<input type="checkbox"/> Fully Automated <input checked="" type="checkbox"/> Semi-automated <input type="checkbox"/> Manual	<input type="checkbox"/> E-Scrap <input checked="" type="checkbox"/> Bulky Waste <input checked="" type="checkbox"/> White Goods <input checked="" type="checkbox"/> Brush <input checked="" type="checkbox"/> Tires <input type="checkbox"/> No	60,000

Provide additional explanation, if necessary:

City curbside trash to all single family, duplex up to 4 units. - Residential City operates a paid trash program in the central business improvement district (subscription based). Daily to businesses and residents Downtown.

4. List publicly operated curbside recycling programs

Do residents in the county or each municipality have access to curbside recycling service(s)? *

Yes No

1. Curbside Program

County or Municipality: * City of Knoxville

Public or Private Contract? *

- Publicly
 Open Market
 Nonexclusive Franchise
 Contract
 Managed Competition

Households Served: * 30,000

Materials Collected: *

- Paper Plastics Glass
 Metal Other

Type of Paper: *

- Newsprint Cardboard Mixed Office Paper

Sorted Office Paper
 Cartons
 All Other Grades

Type of Plastics: *

PET #1
 HDPE #2
 PVC #3
 LDPE #4
 PP #5
 PS #6
 Other #7

Type of Metal: *

Steel
 Tin
 Iron
 Copper
 Aluminum Beverage Containers
 All Other Aluminum
 Bronze and Brass
 Oil Filters

Collection method *

Separated
 Single Stream

Size of bin or cart *

Bag
 16-gallon bin
 18-gallon bin
 24-gallon bin
 64-gallon bin
 95-gallon cart
 Other

Frequency Collected *

Once a week
 Every other week
 Monthly

Provide additional information, if necessary:

Residential is contracted services. Businesses are City operated.

5. List publicly operated recycling drop-off locations

Are there publicly operated recycling drop-off locations in the county or its municipalities not associated with convenience centers? *

Yes

	SITE NAME *	ADDRESS AND CITY *	LATITUDE *	LONGITUDE *	MATERIALS COLLECTED *	RESTRICTED ACCESS *	MANNED LOCATION *

1	West City Recycling Center	341 Parkvillage Road, Knoxville	35.9222	-84.0866	<input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Metals	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2	East City Recycling Center	210 Alice Street, Knoxville	35.9974	-84.8810	<input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Metals	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
3	Downtown City Recycling Center	227 Willow Avenue, Knoxville	35.9705	-83.9172	<input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Metals	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
4	North City Recycling Center	4440 Western Avenue, Knoxville	35.9721	-83.9886	<input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Metals	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No

5	South City Recycling Center	225 W. Moody Avenue, Knoxville	35.9375	-83.9095	<input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Metals	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
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Provide additional explanation, if necessary:

Public/private partnership with Goodwill and City of Knoxville. Manned during business hours, seven days a week.

6. List any recovery businesses that accept, buy, or process recyclable materials for the county or its municipalities.

Does the county or municipalities have recovery businesses that accept, buy, or process recyclable materials for the county or its municipalities? *

Yes

	FACILITY NAME *	ADDRESS AND CITY *	ZIP CODE *	WHAT RECYCLABLE MATERIALS ARE ACCEPTED, BOUGHT, OR PROCESSED? *	HOW ARE RECYCLABLE MATERIALS SORTED BEFORE BEING SENT TO SPECIFIC RECOVERY BUSINESS? *	HOW ARE RECYCLABLE MATERIALS PRICED? *
1	Goodwill Industries of Knoxville	5307 Kingston Pike, Knoxville	37919	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic <input type="checkbox"/> Metals <input type="checkbox"/> Glasses <input checked="" type="checkbox"/> Other PLEASE SPECIFY: Textiles	In-house manual	Via contract
2	Green Energy Biofuel	1756 Alcoa Highway, Knoxville	37902	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic <input type="checkbox"/> Metals <input type="checkbox"/> Glasses <input checked="" type="checkbox"/> Other PLEASE SPECIFY: Cooking Oil	In-house manual	Via contract

3	Liberty Tires	1700 Transport Way, Knoxville	37914	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic <input type="checkbox"/> Metals <input checked="" type="checkbox"/> Other PLEASE SPECIFY: Tires	In-house manual	Via contract
4	PSC Metals	5205 N National Drive, Knoxville	37914	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic <input checked="" type="checkbox"/> Metals <input type="checkbox"/> Glass <input type="checkbox"/> Other	In-house manual	Via contract
5	Southeastern Recycling	2518 Cherry Arcade St., Knoxville	37917	<input type="checkbox"/> Paper <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Metals <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Other PLEASE SPECIFY: Carpet	In-house manual	Via contract
6	Spectra	1627 Robert C. Jackson Dr., Maryville	37801	<input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Metals <input checked="" type="checkbox"/> Glass <input type="checkbox"/> Other	In-house manual	Via contract

7	Westrock	1323 Proctor Street, Knoxville	37921	<input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Metals <input type="checkbox"/> Glass <input type="checkbox"/> Other	In-house automatic	Via contract
8	Certified Cylinder	3415 US 70, Crossville	38555	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic <input checked="" type="checkbox"/> Metals <input type="checkbox"/> Glass <input type="checkbox"/> Other	In-house manual	Via contract
9	Enterprise Waste Oil Co., Inc.	5201 Middlebrook Pike, Knoxville	37921	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic <input type="checkbox"/> Metals <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Other PLEASE SPECIFY: Used motor oil	In-house manual	Via contract
10	Green Wave Computer Recycling	9206 East 33rd St, Indianapolis IN	46235	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic <input type="checkbox"/> Metals <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Other PLEASE SPECIFY: E-Waste	In-house manual	Via contract

Provide additional explanation, if necessary:

IF NEEDED distinguish between regular vendor, vs partial, vs not used. See additional list of recyclers in Attachments

7. List any restrictions or bans placed on wastes collected in the county or each municipality

Does the county or municipalities have any restrictions or bans placed on wastes collected? *

Yes

1. Restriction or Ban

County or Municipality: * Knox County

Select materials: *

- | | | | |
|----------------------------------|--|--------------------------------|---|
| <input type="checkbox"/> Paper | <input type="checkbox"/> Plastics | <input type="checkbox"/> Glass | <input checked="" type="checkbox"/> Metal |
| <input type="checkbox"/> E-Scrap | <input checked="" type="checkbox"/> Organics | <input type="checkbox"/> Other | |

Types of metal: *

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Steel | <input type="checkbox"/> Tin | <input type="checkbox"/> Iron | <input checked="" type="checkbox"/> Copper |
| <input type="checkbox"/> Aluminum Beverage Containers | <input checked="" type="checkbox"/> All Other Aluminum | <input checked="" type="checkbox"/> Bronze and Brass | <input type="checkbox"/> Oil Filters |

Types of organics: *

- | | | | |
|--|--|--------------------------------------|--|
| <input checked="" type="checkbox"/> Yard Trimmings | <input checked="" type="checkbox"/> Inert Debris | <input type="checkbox"/> Food Wastes | <input checked="" type="checkbox"/> Green Wastes |
|--|--|--------------------------------------|--|

Provide additional explanation, if necessary:

County restricts organics and inert debris and metal from MSW stream. Organics are sent to green waste facilities, inert debris to C&D landfills and source separate metals.

8. Check all obstacles that apply to expanding recycling in the county or its municipalities.

1. Obstacle

County or Municipality: * Knox County

Select obstacles: *

- | | | | |
|---|--|--|------------------------------------|
| <input type="checkbox"/> Funding | <input checked="" type="checkbox"/> Citizen apathy | <input type="checkbox"/> Lack of support | <input type="checkbox"/> Education |
| <input checked="" type="checkbox"/> Markets | <input checked="" type="checkbox"/> Staff | <input type="checkbox"/> Other | |

2. Obstacle

County or Municipality: * City of Knoxville

Select obstacles: *

- | | | | |
|---|---|--|------------------------------------|
| <input checked="" type="checkbox"/> Funding | <input type="checkbox"/> Citizen apathy | <input type="checkbox"/> Lack of support | <input type="checkbox"/> Education |
| <input checked="" type="checkbox"/> Markets | <input type="checkbox"/> Staff | <input type="checkbox"/> Other | |

Provide additional explanation, if necessary:

Only collects items if there is a market available. Without robust markets citizen's are not encouraged to continue recycling. Citizens are less likely to participate in source separated drop offs.

9. Management of Organics

Does the county or its municipalities manage organics? *

Yes No

	COUNTY OR MUNICIPALITY *	MATERIALS COLLECTED OR DIVERTED (CHECK ALL THAT APPLY) *	PRODUCTS PRODUCED (CHECK ALL THAT APPLY) *	WHO PERFORMS THE SERVICES? (CHECK ALL THAT APPLY) *
1	City of Knoxville	<input type="checkbox"/> Land-clearing debris <input checked="" type="checkbox"/> Yard-trimmings <input type="checkbox"/> Pre-consumer food and produce <input type="checkbox"/> Post-consumer food and produce <input type="checkbox"/> Bio-Solids <input checked="" type="checkbox"/> Other PLEASE SPECIFY: Pruning and tree maintena	<input checked="" type="checkbox"/> Mulch <input type="checkbox"/> Compost <input type="checkbox"/> Land Application	<input type="checkbox"/> Publicly operated <input type="checkbox"/> Public Ownership and Private Operation <input checked="" type="checkbox"/> Private Ownership and Private Operation <input type="checkbox"/> Private Processing on Public Land

Provide additional explanation, if necessary:

The mulch facility is privately owned and contracts with the city.

10. Assistance for Backyard Composting

Does the county or its municipalities offer assistance for backyard composting? *

Yes No

11. Disaster Debris or Storm Event

In the last year, did a disaster debris or storm event increase the tonnage of organics diversion or disposal for the county or its municipalities? *

Yes No

Does your local government have a disaster debris plan? *

Yes No

1. County/Municipality

County/Municipality: * City of Knoxville

Organics Diversion Estimate: * 29,547.00 Tons

Organics Disposal Estimate: * 0.00 Tons

1. Disaster Debris Plan

County/Municipality: * Knox County

Is the disaster debris plan TEMA Approved? *

Yes No

Is the disaster debris plan FEMA Approved? *

Yes No

Provide additional information, if necessary:

Pre-event debris removal and monitoring contracts are in place. Memo on file with TDEC

12. Recycling Services for Other Entities Beside Residents

Does the county or its municipalities offer recycling services to other entities besides residents? *

Yes No

	COUNTY OR MUNICIPALITY *	SERVICE(S) PROVIDED (CHECK ALL THAT APPLY) *	MATERIAL(S) COLLECTED (CHECK ALL THAT APPLY) *	NUMBER OF COMMERCIAL ENTITIES SERVED *	NUMBER OF INDUSTRIAL ENTITIES SERVED *	NUMBER OF INSTITUTIONAL ENTITIES SERVED *	NUMBER OF SPECIAL EVENTS SERVED *
1	City of Knoxville	<input checked="" type="checkbox"/> Curbside <input type="checkbox"/> Containers <input checked="" type="checkbox"/> Drop-off Locations	<input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Metals <input checked="" type="checkbox"/> Glass <input type="checkbox"/> Other	150	0	0	15

Provide additional information, if necessary:

Glass is not collected at curbside single stream, but is collected at the recycling centers.

13. What methods do the county and each municipality use to collect, transport and dispose of their municipal solid waste?

1. County/Municipality

County/Municipality: * Knox County

Who is the primary collector: (Check all that apply) *

Publicly

Open Market

Nonexclusive Franchise

Contract

Managed Competition

Collection-Transportation Equipment: (Check all that apply) *

Side Load Refuse Trucks

Front Load Trucks

Rear Load Trucks

Roll-off Trucks

Please specify the # of Side Load Refuse Trucks: * 0

Please specify the # of Front Load Trucks: * 0

Please specify the # of Rear Load Trucks: * 0

Please specify the # of Roll-off Trucks: * 3

Hauling and Transportation Destination: (Check all that apply) *

Materials sent to Transfer Station

Direct haul to landfill (No Transfer Station)

Materials sent to Solid Waste Processor

Materials sent to Mixed Waste Processor

Materials sent to Waste-to-Energy

Materials sent to Incineration

2. County/Municipality

County/Municipality: * City of Knoxville

Who is the primary collector: (Check all that apply) *

Publicly

Open Market

Nonexclusive Franchise

Contract

Managed Competition

Collection-Transportation Equipment: (Check all that apply) *

Side Load Refuse Trucks

Front Load Trucks

Rear Load Trucks

Roll-off Trucks

Please specify the # of Side Load Refuse Trucks: * 9

Please specify the # of Rear Load Trucks: * 6

Hauling and Transportation Destination: (Check all that apply) *

- Materials sent to Transfer Station
- Direct haul to landfill (No Transfer Station)
- Materials sent to Solid Waste Processor
- Materials sent to Mixed Waste Processor
- Materials sent to Waste-to-Energy
- Materials sent to Incineration

Provide additional explanation, if necessary:

City staff pickup downtown garbage in 2 rear loaders. Our contractor, Waste Connections, picks up all other curbside residential trash in side-loaders and rear loaders.

14. What methods do the county and each municipality use to collect, transport, process or recycle their commodities?

1. County/Municipality

County/Municipality: * Knox County

Who is the primary collector: (Check all that apply) *

- Publicly
- Open Market
- Nonexclusive Franchise
- Contract
- Managed Competition

Collection-Transportation Equipment: (Check all that apply) *

- Side Load Recycling Trucks
- Front Load Trucks
- Rear Load Trucks
- Roll-off Trucks

Please specify the # of Side Load Recycling Trucks: * 0

Please specify the # of Front Load Trucks: * 0

Please specify the # of Rear Load Trucks: * 0

Please specify the # of Roll-off Trucks: * 3

Hauling and Transportation Destination: (Check all that apply) *

- Materials sent to Transfer Station

- Direct haul to private processing facility (No Transfer Station)
- Materials sent to public processing facility
- Materials sent directly to end user as feedstock (minimal processing)

2. County/Municipality

County/Municipality: * City of Knoxville

Who is the primary collector: (Check all that apply) *

- Publicly
- Open Market
- Nonexclusive Franchise
- Contract
- Managed Competition

Collection-Transportation Equipment: (Check all that apply) *

- Side Load Recycling Trucks
- Front Load Trucks
- Rear Load Trucks
- Roll-off Trucks

Please specify the # of Side Load Recycling Trucks: * 4

Please specify the # of Rear Load Trucks: * 3

Please specify the # of Roll-off Trucks: * 5

Hauling and Transportation Destination: (Check all that apply) *

- Materials sent to Transfer Station
- Direct haul to private processing facility (No Transfer Station)
- Materials sent to public processing facility
- Materials sent directly to end user as feedstock (minimal processing)

Provide additional explanation, if necessary:

City staff pickup recycling from businesses and residences downtown in two rear loaders, Waste Connections uses a combination of side-loaders and one rear-loader to pickup curbside recycling, and Waste Connections moves our roll-offs from our recycling centers.

15. Education Efforts

1. Program

Program Name: * Community Recycling Events

Program Sponsor: * City of Knoxville, Knox County, Non-profits, Businesses

Program Objective: * Persuade and Inform

Number Served: * County-Wide

Program Type: *

<input checked="" type="checkbox"/> Signage	<input checked="" type="checkbox"/> Brochures	<input type="checkbox"/> Classroom	<input checked="" type="checkbox"/> Community Outreach
<input type="checkbox"/> Mailings	<input type="checkbox"/> Newspaper	<input type="checkbox"/> Public Access TV	<input type="checkbox"/> Radio
<input checked="" type="checkbox"/> Special Events	<input checked="" type="checkbox"/> Social Media	<input checked="" type="checkbox"/> Website	<input checked="" type="checkbox"/> Workshops
<input type="checkbox"/> Other			

Focus Area: *

<input checked="" type="checkbox"/> Solid Waste	<input checked="" type="checkbox"/> Recycling	<input checked="" type="checkbox"/> Diversion
<input checked="" type="checkbox"/> Source Reduction	<input type="checkbox"/> Organics	<input checked="" type="checkbox"/> Operational Functions (use of CCC, HHW Events, etc.)

Program Target Audience: *

<input checked="" type="checkbox"/> Adult/General Public	<input checked="" type="checkbox"/> Business/Industry	<input checked="" type="checkbox"/> Government/Institutional
<input checked="" type="checkbox"/> Children/Educators	<input checked="" type="checkbox"/> Media	<input checked="" type="checkbox"/> Civic/Environment

2. Program

Program Name: * Expos, Trade Shows, Public Outreach, & Consultation

Program Sponsor: * City of Knoxville and Knox County

Program Objective: * Persuade and Inform

Number Served: * County-Wide

Program Type: *

<input checked="" type="checkbox"/> Signage	<input checked="" type="checkbox"/> Brochures	<input checked="" type="checkbox"/> Classroom	<input checked="" type="checkbox"/> Community Outreach
<input type="checkbox"/> Mailings	<input type="checkbox"/> Newspaper	<input type="checkbox"/> Public Access TV	<input type="checkbox"/> Radio
<input checked="" type="checkbox"/> Special Events	<input checked="" type="checkbox"/> Social Media	<input checked="" type="checkbox"/> Website	<input checked="" type="checkbox"/> Workshops
<input type="checkbox"/> Other			

Focus Area: *

<input checked="" type="checkbox"/> Solid Waste	<input checked="" type="checkbox"/> Recycling	<input checked="" type="checkbox"/> Diversion
<input checked="" type="checkbox"/> Source Reduction	<input type="checkbox"/> Organics	<input type="checkbox"/> Operational Functions (use of CCC, HHW Events, etc.)

Program Target Audience: *

<input checked="" type="checkbox"/> Adult/General Public	<input checked="" type="checkbox"/> Business/Industry	<input checked="" type="checkbox"/> Government/Institutional
--	---	--

Children/Educators

Media

Civic/Environment

3. Program

Program Name: * Knox County Litter Prevention Education

Program Sponsor: * Knox County and Keep Knoxville Beautiful

Program Objective: * Persuade and Inform

Number Served: * County-Wide

Program Type: *

Signage

Brochures

Classroom

Community Outreach

Mailings

Newspaper

Public Access TV

Radio

Special Events

Social Media

Website

Workshops

Other

Focus Area: *

Solid Waste

Recycling

Diversion

Source Reduction

Organics

Operational Functions (use of CCC, HHW Events, etc.)

Program Target Audience: *

Adult/General Public

Business/Industry

Government/Institutional

Children/Educators

Media

Civic/Environment

4. Program

Program Name: * Awards

Program Sponsor: * City of Knoxville, Knox County, Non-profits, Utilities, Businesses

Program Objective: * Inform

Number Served: * County-Wide

Program Type: *

Signage

Brochures

Classroom

Community Outreach

Mailings

Newspaper

Public Access TV

Radio

Special Events

Social Media

Website

Workshops

Other

Focus Area: *

Solid Waste

Recycling

Diversion

Source Reduction Organics Operational Functions (use of CCC, HHW Events, etc.)

Program Target Audience: *

Adult/General Public Business/Industry Government/Institutional
 Children/Educators Media Civic/Environment

5. Program

Program Name: * CAC Americorps
Program Sponsor: * City of Knoxville, Knox County, Non-profits, Utilities, Businesses
Program Objective: * Persuade and Inform
Number Served: * County-Wide

Program Type: *

Signage Brochures Classroom Community Outreach
 Mailings Newspaper Public Access TV Radio
 Special Events Social Media Website Workshops
 Other

Focus Area: *

Solid Waste Recycling Diversion
 Source Reduction Organics Operational Functions (use of CCC, HHW Events, etc.)

Program Target Audience: *

Adult/General Public Business/Industry Government/Institutional
 Children/Educators Media Civic/Environment

6. Program

Program Name: * Regional Medication Collection Program
Program Sponsor: * City of Knoxville, Knox County, Non-profits, Utilities, Businesses
Program Objective: * Persuade and Inform
Number Served: * County-Wide

Program Type: *

Signage Brochures Classroom Community Outreach
 Mailings Newspaper Public Access TV Radio

Special Events Social Media Website Workshops

Other

Focus Area: *

Solid Waste Recycling Diversion
 Source Reduction Organics Operational Functions (use of CCC, HHW Events, etc.)

Program Target Audience: *

Adult/General Public Business/Industry Government/Institutional
 Children/Educators Media Civic/Environment

7. Program

Program Name: * Recycling Education

Program Sponsor: * City of Knoxville

Program Objective: * Persuade and Inform

Number Served: * County-Wide

Program Type: *

Signage Brochures Classroom Community Outreach
 Mailings Newspaper Public Access TV Radio
 Special Events Social Media Website Workshops
 Other

PLEASE SPECIFY:

City Recreation Centers

Focus Area: *

Solid Waste Recycling Diversion
 Source Reduction Organics Operational Functions (use of CCC, HHW Events, etc.)

Program Target Audience: *

Adult/General Public Business/Industry Government/Institutional
 Children/Educators Media Civic/Environment

Provide additional information, if necessary:

This was not County-wide; it was to 30,000 City of Knoxville residents.

16. Check all that apply and complete funding options that the county and its

municipalities use to fund their programs.

1. County/Municipality

County/Municipality: * Knox County

How is the program funded? (Check all that apply) *

Tipping Fees (\$68-211-835) Surcharge (\$68-211-835) Disposal Fee (\$68-211-835) Property Taxes/General Fund

Per Household Charges Pay-As-You-Throw Sale of Recyclables Grants

Other Taxes

Specify 3 Year Average Property Taxes/General Fund amount: * 3,700,000.00 \$

Specify 3 Year Average amount of sale of recyclables: * 500,000.00 \$

Specify 3 Year Average Grants amount: * 200,000.00 \$

2. County/Municipality

County/Municipality: * City of Knoxville

How is the program funded? (Check all that apply) *

Tipping Fees (\$68-211-835) Surcharge (\$68-211-835) Disposal Fee (\$68-211-835) Property Taxes/General Fund

Per Household Charges Pay-As-You-Throw Sale of Recyclables Grants

Other Taxes

Specify 3 Year Average Grants amount: * 22,500.00 \$

Specify 3 Year Average other taxes amount: * 22,500.00 \$

Provide additional information, if necessary:
Grant mentioned is TDEC's Education and Outreach grant.

17. Contracting Out of Services

Does the county or its municipalities contract out its services? *

Yes No

Please complete the following table for the county or each municipality:

COUNTY/MUNICIPALITY	CONTRACTOR *	BUDGETED CONTRACT AMOUNT *	CONTRACT START (MM/YYYY)	CONTRACT END (MM/YYYY)	TYPE OF CONTRACT *	SERVICES PROVIDED *

1	Knox County	TN Gas, LLC	0.00	04/2019	03/2020	<input type="checkbox"/> Nonexclusive <input type="checkbox"/> Exclusive Franchise <input checked="" type="checkbox"/> Contract <input type="checkbox"/> Managed Competition	<input type="checkbox"/> Disposal <input checked="" type="checkbox"/> Recycling <input type="checkbox"/> Organics Collection <input type="checkbox"/> Convenience Center Operations <input type="checkbox"/> Transfer Station Operations <input type="checkbox"/> Refuse Collection <input type="checkbox"/> Bulky Item Collection
2	Knox County	Poplar View Landfill, LLC	0.00	10/2010	09/2020	<input type="checkbox"/> Nonexclusive <input type="checkbox"/> Exclusive Franchise <input checked="" type="checkbox"/> Contract <input type="checkbox"/> Managed Competition	<input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Recycling <input checked="" type="checkbox"/> Organics Collection <input type="checkbox"/> Convenience Center Operations <input type="checkbox"/> Transfer Station Operations <input checked="" type="checkbox"/> Refuse Collection <input checked="" type="checkbox"/> Bulky Item Collection
							<input checked="" type="checkbox"/> Bulky Item Collection

	Knox County - MSW Disposal	Waste Connections of TN, Inc	0.00	10/2010	09/2020	<input type="checkbox"/> Nonexclusive <input type="checkbox"/> Exclusive Franchise <input checked="" type="checkbox"/> Contract <input type="checkbox"/> Managed Competition	<input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Recycling <input type="checkbox"/> Organics Collection <input checked="" type="checkbox"/> Convenience Center Operations <input checked="" type="checkbox"/> Transfer Station Operations <input checked="" type="checkbox"/> Refuse Collection <input checked="" type="checkbox"/> Bulky Item Collection
3							
4	Knox County	Riverside Landfill, LLC	0.00	10/2018	09/2020	<input type="checkbox"/> Nonexclusive <input type="checkbox"/> Exclusive Franchise <input checked="" type="checkbox"/> Contract <input type="checkbox"/> Managed Competition	<input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Recycling <input checked="" type="checkbox"/> Organics Collection <input type="checkbox"/> Convenience Center Operations <input type="checkbox"/> Transfer Station Operations <input checked="" type="checkbox"/> Refuse Collection <input checked="" type="checkbox"/> Bulky Item Collection

5	Knox County - Facilities Waste & Recycling	Waste Management	0.00	05/2014	05/2019	<input type="checkbox"/> Nonexclusive <input type="checkbox"/> Exclusive Franchise <input checked="" type="checkbox"/> Contract <input type="checkbox"/> Managed Competition	<input checked="" type="checkbox"/> Disposal <input checked="" type="checkbox"/> Recycling <input type="checkbox"/> Organics Collection <input type="checkbox"/> Convenience Center Operations <input type="checkbox"/> Transfer Station Operations <input type="checkbox"/> Refuse Collection <input type="checkbox"/> Bulky Item Collection
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6	Knox County - Roll-off Hauling Services	Waste Connections of TN, Inc	0.00	03/2010	09/2020	<input type="checkbox"/> Nonexclusive <input type="checkbox"/> Exclusive Franchise <input checked="" type="checkbox"/> Contract <input type="checkbox"/> Managed Competition	<input checked="" type="checkbox"/> Disposal <input checked="" type="checkbox"/> Recycling <input checked="" type="checkbox"/> Organics Collection <input checked="" type="checkbox"/> Convenience Center Operations <input checked="" type="checkbox"/> Transfer Station Operations <input checked="" type="checkbox"/> Refuse Collection <input checked="" type="checkbox"/> Bulky Item Collection
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7	City of Knoxville	Waste Connection (curbside trash & recycling hauling)	4,500,000.00	01/2017	12/2032	<input type="checkbox"/> Nonexclusive <input type="checkbox"/> Exclusive Franchise <input checked="" type="checkbox"/> Contract <input type="checkbox"/> Managed Competition	<input checked="" type="checkbox"/> Disposal <input checked="" type="checkbox"/> Recycling <input type="checkbox"/> Organics Collection <input type="checkbox"/> Convenience Center Operations <input type="checkbox"/> Transfer Station Operations <input checked="" type="checkbox"/> Refuse Collection <input checked="" type="checkbox"/> Bulky Item Collection
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8	City of Knoxville	Waste Management (class 1 landfill)	1,171,000.00	09/2010	09/2020	<input type="checkbox"/> Nonexclusive <input type="checkbox"/> Exclusive Franchise <input checked="" type="checkbox"/> Contract <input type="checkbox"/> Managed Competition	<input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Recycling <input type="checkbox"/> Organics Collection <input type="checkbox"/> Convenience Center Operations <input type="checkbox"/> Transfer Station Operations <input type="checkbox"/> Refuse Collection <input type="checkbox"/> Bulky Item Collection
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City of
Knoxville

Meridian
(C&D landfill)

1,100,000.00

01/2018

12/2027

Nonexclus
ive

Disposal

Exclusive
Franchise

Recycling

Contract

Organics
Collection

Managed
Competition

Convenien
ce Center Op
erations

Transfer S
tation Opera
tions

Refuse Col
lection

Bulky Ite
m Collection

9

Are any of the above contracts considered an exclusive franchise? *

Yes

No

Provide additional information, if necessary:

Hauling Disposal Oil Metal MRF Maintenance & Repair Greenwaste* Facility waste/recycling Tire processing, Tire Hauling Cylinder Batteries
Attended donation center Electronic waste (EDC) Cooking Oil - non contracted vendor Tubes/Bulbs - non contracted vendor Waste & Recycling
Equipment City of Knoxville - HHW and Transfer Station Litter/Outreach Education - Adopt-A-Road*

18. Complete the following section for the county and its municipalities that provide solid waste and/or recycling services.

1. County/Municipality

County/Municipality: * Knox County

Municipal Solid Waste Services:

How many part-time? *	How many Full Time Equivalents (FTE)? *	Total Staff
1	32	33

Recycling Services:

How many part-time? *	How many Full Time Equivalents (FTE)? *	Total Staff
1	34	35

2. County/Municipality

County/Municipality: * City of Knoxville

Municipal Solid Waste Services:

How many part-time? *	How many Full Time Equivalents (FTE)? *	Total Staff
0	19	19

Recycling Services:

How many part-time? *	How many Full Time Equivalents (FTE)? *	Total Staff
2	2	4

Provide a brief explanation of employee roles noted above, if necessary:

19. Budget and other optional uploads (Must save to see file attachments option)

Please upload a copy of last Fiscal Year’s Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities for the county below by clicking on “Upload File” under A. Solid Waste and Sanitation Fund. Please use options B-J to upload the Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities of the municipalities within the county. There are also upload options for any other additional reports, documents, and files deemed relevant to this Annual Progress Report.

Provide additional information, if necessary:

File Attachments

Click the 'Upload File' button to attach supporting documents as required.

* Maximum file size is 5 MB.

A. Solid Waste and Sanitation Fund for the county (Max file size = 5MB). *

[2020-Knox-Adopted-Budget.pdf](#)

B. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

[City of Knoxville Budget 2019-20.pdf](#)

C. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

[2020-Knox-Adopted-Budget.pdf](#)

D. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

E. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

F. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

G. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

H. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

I. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

J. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

Optional upload for additional reports or documents (Max file size = 5MB):

Optional upload for additional reports or documents (Max file size = 5MB):

Optional upload for additional reports or documents (Max file size = 5MB):

TDEC SURVEY QUESTIONS

ANNUAL | 2019

Knox County

1. What grants would the county and municipalities like to see TDEC promote in the next two years?

County or Municipality Name: * City of Knoxville

Select grants: *

- | | | | |
|--|---|--|---|
| <input type="checkbox"/> Recycling Equipment | <input type="checkbox"/> Waste Reduction | <input checked="" type="checkbox"/> Organics Management/Composting | <input checked="" type="checkbox"/> Education and Outreach |
| <input type="checkbox"/> Hub and Spoke | <input type="checkbox"/> Technical Assistance | <input type="checkbox"/> Convenience Centers | <input checked="" type="checkbox"/> Access Improvements/Carts |
| <input type="checkbox"/> New Technologies | <input checked="" type="checkbox"/> Measurement | <input type="checkbox"/> Other | |

County or Municipality Name: * Knox County

Select grants: *

- | | | | |
|---|--|---|---|
| <input checked="" type="checkbox"/> Recycling Equipment | <input checked="" type="checkbox"/> Waste Reduction | <input type="checkbox"/> Organics Management/Composting | <input checked="" type="checkbox"/> Education and Outreach |
| <input type="checkbox"/> Hub and Spoke | <input checked="" type="checkbox"/> Technical Assistance | <input checked="" type="checkbox"/> Convenience Centers | <input checked="" type="checkbox"/> Access Improvements/Carts |
| <input checked="" type="checkbox"/> New Technologies | <input checked="" type="checkbox"/> Measurement | <input checked="" type="checkbox"/> Other | |

Please Specify: *

HHW program funding for City/County

2. What are the county and municipalities biggest needs for this next calendar year? Grant demonstration of need and priority will be determined through answering these questions.

County or Municipality Name: * City of Knoxville

Select biggest needs for next calendar year: *

- Equipment
- Facility Upgrades
- Education and Outreach
- Technical Assistance Providers
- Other

Explain Education and Outreach: *

Contamination continues to threaten recycling and that education takes maintenance, annual outreach.

Explain Other: *

Support for our Household Hazardous Waste facility and mobile truck. TDEC has supported these programs with grants since the start of the facility in 1997. We recently started a mobile program, hired new staff, and expanded our HHW with the expectation that we would still be supported by TDEC.

County or Municipality Name: * Knox County

Select biggest needs for next calendar year: *

- Equipment
- Facility Upgrades
- Education and Outreach
- Technical Assistance Providers
- Other

What type of equipment? *

- New
- Upgrade
- Expand

Explain Equipment: *

Older equipment needs replacement.

Explain Facility Upgrades: *

Knox County is prioritizing review and analysis of several Convenience Centers to determine needs for upgrades, possible relocation, and/or increased capacity

Explain Education and Outreach: *

Knox County will seek financial support for education and outreach efforts to better inform residents about the importance of the role waste reduction and recycling play in decreasing waste management costs and environmental impacts. Knox County plans to focus messaging on waste reduction, reuse, and litter behavior. Grant funds would be used to support market research, planning, implementation, and measurement of efforts.

Explain Technical Assistance Providers: *

Knox County is prioritizing review and analysis of several older Convenience Centers to determine needs for upgrades, possible relocation, and/or increased capacity. Knox County will seek financial support to explore services and products to complete research, planning, and implementation of new or improved facilities.

Explain Other: *

Knox County always expected the permanent HHW Facility to receive perpetual funding. Funding cuts from the State of Tennessee for this facility would be felt by residents because service will likely need to be interrupted. In light of the current local, regional and world-wide recycling and waste management challenges, Knox County would like to engage the State of Tennessee in serious discussions about local, regional, and national solutions.

3. Are there any policies, statutes, rules, protocols or ordinances that inhibit the county and municipalities from having effective programs? Reference specific statutes, rules, policies or documents when answering the question.

County or Municipality Name: * Knox County

Describe inhibitors: *

Jackson Law/Permitting The Role of the Regional Solid Waste Board in Tennessee Handbook has not been revised or updated since November of 2011. Knox County proposes a publication similar to the Waste and Scrap Tire Management Kit published in 2018 to help regulatory bodies better understand their roles and responsibilities. An ideal document would clearly update and define the role of the Regional Solid Waste Boards. This regulatory guidance should address roles, responsibilities, and legal review regarding local approval of permits, specifically, in situations where Jackson Law might apply. It would also clarify and provide numerous examples of when they would be asked to approve permit applications. There should be a clear chart or reference that would be easy to interpret regarding what type of approval (board/legislative) is and is not required for what types of permits and when. It would also be good to suggest a possible (thought not mandatory) set of procedures that would be followed in order for applicants to obtain approvals. Expectations about when TDEC will refer applicant and in what way they will refer applicants should also be outlined. Guidance for referrals from local governments would also help.

4. Are there any parts or utility of the 10 Year Solid Waste and Materials Management Statewide Plan, Plan Update or Annual Progress Report the county and municipalities do not understand?

County or Municipality Name: * City of Knoxville

Please describe: *

No.

5. What role can Materials Management play to be the biggest resource to the county and its municipalities?

County or Municipality Name: * City of Knoxville

Please explain: *

Participation in the Top Five meetings was very beneficial and we hope more of those meetings will be held. We made contacts, built support, and exchanged valuable ideas.

County or Municipality Name: * Knox County

Please explain: *

It would be helpful for TDEC to advocate for reporting to come directly from haulers and processors to get a more accurate recycling and diversion rate, determine trends, and find deficiencies in available services and markets. As the reporting process stands now it would be accurate to say there is not a complete picture of what's happening in the industry. It's problematic for counties and municipalities to spend time and resources tracking down businesses willing to report and education those businesses on how to properly report. In many cases, the person in reporting businesses charged with compiling a report will not be in the same position or with the company year after year, creating inconsistencies in reporting. In order to promote more cohesive waste management solutions, a more accurate picture of what's happening in the state is a must. This will never happen with the current reporting system. It would not be an extreme burden for haulers and processors to report because they already have systems in place to more accurately track recycling, diversion, and trash numbers than the businesses that utilize their services. Since these business are likely already reporting this numbers in a different system (i.e., tax reporting or billing) it would not put an undue burden on them to pull those numbers from systems that already exist.

6. What is needed in the county and municipalities to further waste reduction, recycling, diversion or end markets in Tennessee?

County or Municipality Name: * City of Knoxville

Describe needs: *

Organics processors. Markets and/or processors for our glass. Support for C&D recycling.

County or Municipality Name: * Knox County

Describe needs: *

The biggest need in Knox County is a vibrant end market for recyclables or otherwise reusable materials. The capacity for processing and demand for materials has decreased to critical levels throughout the Country, affecting local markets. A fundamental shift in waste management approaches needs to focus on creating competitive, robust recycling and reuse markets that are sustainable within Tennessee and beyond. The State's current approach to mandate recycling and diversion puts the burden on municipalities to find solutions in a decreasing marketplace.

7. What do the county and municipalities plan to apply for next 18 month grant cycle?

COUNTY OR MUNICIPALITY NAME: *	GRANT TYPE *	NEED *	BRIEFLY DESCRIBE NEED *	REPLACEMENT *	REIMBURSEMENT AND MATCHING FUNDS BUDGETED? *

City of Knoxville	HHW Operation and Maintenance	Facilities	We have received grant funding since 1997 and expanded the facility, hired a new tech, and bought a new HHW box truck with TDEC support. We hope to continue to receive support so we can run these programs at current levels.	No	Yes
City of Knoxville	Access Improvement/Cart	Equipment	1,700 residents sign up for curbside recycling every year. Funding from TDEC helps us provide that service without wait times dependent on funding.	No	Yes
City of Knoxville	Education and Outreach	Education	Education and outreach to minimize recycling contamination.	No	Yes
Knox County	Convenience Center	Equipment	Knox County is prioritizing analysis of several Centers to determine upgrade or possible relocation needs.	Yes	Yes
Knox County	Convenience Center	Facilities	Knox County is prioritizing analysis of several Centers to determine upgrade or possible relocation needs.	No	Yes

Knox County	Convenience Center	Education	Knox County is prioritizing analysis of several Centers to determine upgrade or possible relocation needs.	No	Yes
Knox County	Education and Outreach	Facilities	Knox County is prioritizing education & outreach to increase awareness of source reduction, recycling right, and proper disposal options.	Yes	Yes
Knox County	Education and Outreach	Education	Knox County is prioritizing education & outreach to increase awareness of source reduction, recycling right, and proper disposal options.	Yes	Yes
Knox County	Measurement	Facilities	Knox County is prioritizing analysis of several Centers to determine upgrade or possible relocation needs.	Yes	Yes
Knox County	Measurement	Education	Knox County is prioritizing analysis of several Centers to determine upgrade or possible relocation needs.	Yes	Yes

8. §68-211-871(b) requires an annual progress report on the implementation of the regional comprehensive integrated municipal solid waste management plan. What steps are the county and municipalities taking locally to contribute to regional plan implementation?

County or Municipality Name: *

Knox County

Describe steps the county and municipalities are taking: *

The County will continue to provide access to waste disposal and recycling drop off facilities (Convenience Centers), recycling materials when financially feasible and markets accessible, providing a robust roadside litter pick up program, managing a county-wide waste tire disposal program, and performing education supporting waste reduction, recycling, litter reduction, and proper disposal options.

9. What areas would you like to see the Division of Solid Waste Management focus on in coming years to help the county and municipalities be successful implementing the Region's plan and programs?

County or Municipality Name: * Knox County

Describe areas: *

Increased cooperation with the Counties and Cities on statewide policy development and funding priorities as was previously started with Top5 initiative and the Objective 1/8 working groups. State level end market development is needed. Develop or increase relationships with State agencies focused on economic development along with state and local Chambers of Commerce to offer incentives attracting industry/manufacturers willing to research, develop, fund, and/or utilize post-production and post-consumer materials for recycling and reuse within TN to influence opportunities and competitiveness.

Response created on: Feb 12, 2020 at 02:16 PM CST by Linnea.Boogades@knoxcounty.org

Response last updated on: May 11, 2020 at 03:19 PM CDT by recycle@knoxcounty.org

2019 Calendar Year Landfill Disposal Summary

Type	Landfill	Tons
Class I	Chestnut Ridge Landfill And Recycling Center - SNL010000160	297,186
Class I	Meadow Branch Landfill Inc - SNL540000174	134,709
Class I	Volunteer Regional Landfill - SNL760000271	71,129
Class I	Loudon County Landfill - SNL530000203	2,254
Class I	Lakeway Sanitation And Recycling, Inc. Landfill - SNL320000280	128
	Total	505,405
	Government Controlled	
	County sent to Meadow Branch	33,984
	City sent to Chestnut Ridge	57,724
	Total	91,708
	Government Controlled	18%
Type	Landfill	Tons
Class III/IV	Poplar View Class Iii Landfill - DML470000057	107,266
Class III/IV	Riverside C&D Landfill, Llc - DML470000011	97,491
Class III/IV	Yarnell Demolition Landfill - DML470000069	69,016
Class III/IV	Jefferson County Demolition Landfill - DML450000046	89
Class III/IV	Rutherford County Demolition Landfill - DML750000047	7
	Total	273,869
	Government Controlled	
	County sent to Poplar View	14,098
	City sent to Poplar View	37,688
	Total	51,786
	Government Controlled	19%
	Government Paid vs Total Waste	
	Total Landfilled	779,274
	Government Collection	143,494
	Government Controlled	18%

2019 Calendar Year Recycling & Diversion Summary

Industrial, Commercial, Institutional

ID	Sector	Reporter	Total Tons
1017897	Industrial	PSC Metals	84,506
1017935	All sectors	WestRock	41,632
1017887	Industrial	The Letco Group (Living Earth)	29,406
1049768	Institutional	University of Tennessee Recycling Center	4,132
1028267	Commercial	Kroger	3,301
1017948	Commercial	KARM Thrift Stores LLC/Wholesale Dept.	2,063
1017954	Commercial	Southeastern Recycling LLC	1,241
1022725	Commercial	Sam's Club Facility 08256 Knoxville	1,098
1022686	Commercial	Walmart Facility 02065 Knoxville	1,028
1022719	Commercial	Sam's Club Facility 06572 Knoxville	1,020
1017959	Other	Safety-Kleen Systems	1,007
1017918	Commercial	Goodwill Industries - Knoxville	981
1020657	Commercial	Walmart Facility 01318 Knoxville	969
1017910	Commercial	Darling Ingredients Inc., DBA DarPro Solutions	913
1022684	Commercial	Walmart Facility 01320 Knoxville	886
1017869	Commercial	The Home Depot	881
1022661	Commercial	Walmart Facility 01319 Knoxville	818
1022694	Commercial	Walmart Facility 02310 Knoxville	803
1022701	Commercial	Walmart Facility 02932 Knoxville	795
1020667	Commercial	Publix Super Markets, Inc.	584
1017858	Commercial	Dollar Tree	562
1050748	All sectors	Liberty Tire Recycling, LLC	464
1017841	Industrial	Swift Industrial Power Inc.	280
1022706	Commercial	Walmart Facility 03959	245
1017866	Commercial	Family Dollar	125
1015741	Commercial	Centriworks/Thermocopy	61
1020377	Industrial	Harrison Construction Company, APAC-Atlantic, Inc.	57
1022711	Commercial	Walmart Facility 04167 Dark (2019) Knoxville	50
1020359	Commercial	Master Battery	30
1020354	Commercial	Terracycle Regulated Waste LLC	12
1017940	Industrial	TN Gas, LLC	2
Industrial, Commercial, Institutional Industry Total			179,954
% of Total Recycling			56%

Government (Residential Collection)

ID	Sector	Reporter	Total Tons
1048995	Government	City of Knoxville	132,437
1021428	Government	Knox County	8,012
1049102	Government	City of Knoxville and Knox County HHW	67
Government & Residential Collection Total			140,516
% of Total Recycling			44%

Industrial, Commercial, Institutional Industry Total	179,954
Government & Residential Collection Total	140,516
Total Recycling	320,470

2019 Calendar Year Adjustments to Reported Amounts for Quality Control

adjustment result in negatives reported as zero

After Adjustment	Initially Reported	Reporter and Report ID	Knox	City	UTK
1,108	4,590	PSC Mixed metal 1017897	2,895	434	153
2	109	Westrock Steel Cans 1017935	74	33	0
79	198	Westrock Aluminum 1017935	85	34	1
26,591	29,317	Westrock OCC 1017935	1,754	521	451
1,632	1,818	Westrock ONP 1017935	-	186	-
744	3,084	Westrock Mixed Pap 1017935	1,237	762	341
12	1,114	Westrock Glass 1017935	411	617	74
(30)	975	Westrock Plastic 1017935	676	327	3
7,132	11,893	Westrock Single Stream 1017935	-	4,566	195
29,406	58,972	Letco Group Living Earth 1017887	19	29,547	-

2019 Calendar Year Tire Summary

2019 Reported by Liberty

Knox	3,212	paid for by Knox County
Gate	464	customers paid directly
Total	3,677	

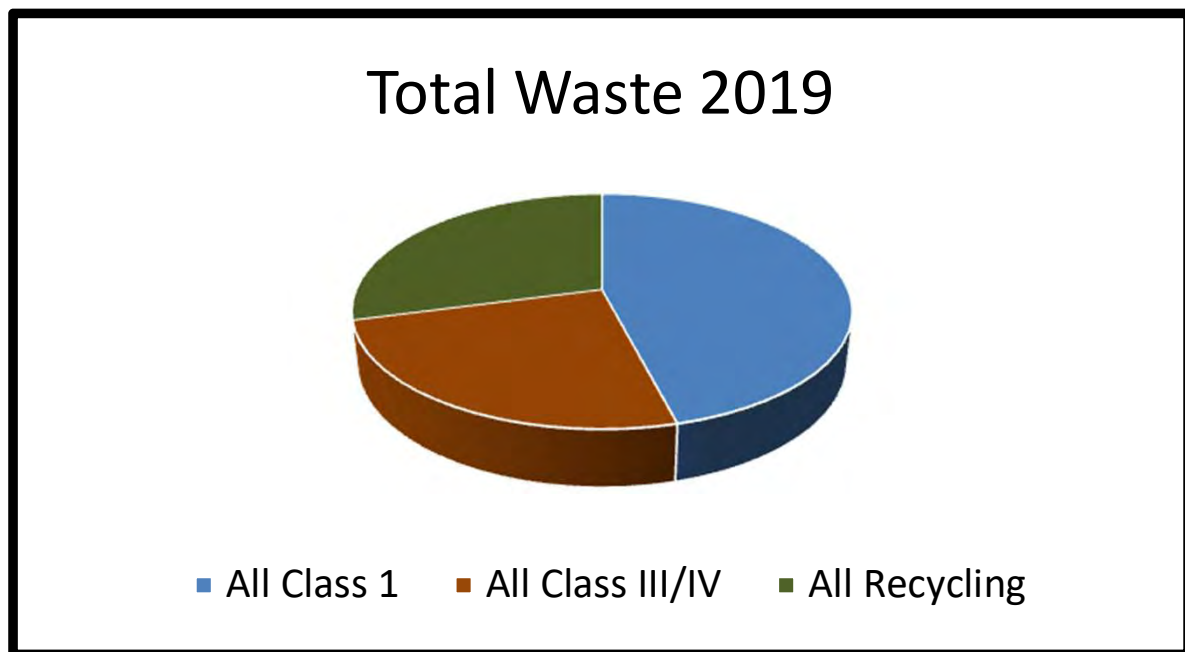
2018 Reported by Liberty

Knox	3,390	paid for by Knox County
Gate	699	customers paid directly
Total	4,089	

2019 Calendar Year Total Waste Summary

All Class 1	505,405
All Class III/IV	273,869
All Recycling	320,470
Total	1,099,744

Diversion from Class I	594,339	54%
True Recycling	320,470	29%



KNOXVILLE AREA Facts & Figures 2019



LIVABILITY

Knoxville ranks among the nation's best places to live, raise a family, and own a business. In 2019, it was ranked 14th "Least Expensive City" by Yahoo Finance and, in 2018, 49th "Best Bike Cities in America" by Bicycling magazine.

COST OF LIVING (2019)

Metropolitan Area 83.2

U.S. Average 100

LOCATION AND CLIMATE

Founded in 1791 where the French Broad and Holston Rivers meet to form the Tennessee River, Knoxville is the largest city in East Tennessee. Its corporate limits comprise 104 of the 526-square mile total for Knox County. Knoxville is the urban heart of the metropolitan area, which consists of nine counties – Anderson, Blount, Campbell, Grainger, Knox, Loudon, Morgan, Roane, and Union. Knoxville is located in a valley between the Cumberland and Great Smoky Mountains. This location offers a moderate, four-season

climate, with normal daytime temperatures of 88 degrees in July and 48 degrees in January. Downtown Knoxville is 936 feet above sea level.



POPULATION AND HOUSING



POPULATION (2018)

187,500	City of Knoxville
465,289	Knox County (includes city)
883,309	Metro Area

MEDIAN SINGLE-FAMILY HOME SALES PRICE (2019)

\$207,000	Knox County
\$206,700	Metro Area
\$279,600	U.S.

MEDIAN MONTHLY RENT (2017)

\$880	Knox County
\$803	Metro Area
\$1,012	U.S.

RESIDENTIAL UNITS (2018)

Knox County.....	206,043
New units added.....	2,688
Value of new construction (\$ million).....	\$491.1



ARTS AND CULTURE

ORGANIZATIONS: Knoxville Symphony, Knoxville Opera Company, Dogwood Arts, the Arts & Culture Alliance, and the Joy of Music School, are a few of many in the area.



VENUES: Tennessee and Bijou Theaters, Clayton Center for the Arts, Clarence Brown Theatre, the Mill & Mine, and WDVX radio station are among the most visited entertainment venues in the City.

MUSEUMS AND CENTERS: Knoxville Museum of Art, Emporium Center for Arts and Culture, East Tennessee History Center, McClung Museum of Natural History and Culture, Museum of Appalachia, and Beck Cultural Exchange Center showcase art and regional heritage. Muse Knoxville is an experiential children’s science museum. Neighboring Gatlinburg is home to the renowned Arrowmont School of Arts and Crafts.

experiential children’s science museum. Neighboring Gatlinburg is home to the renowned Arrowmont School of Arts and Crafts.



EVENTS: Hundreds of special events take place each year. Some of the most well-known and well-attended include Big Ears Music Festival, Mardi Growl, Dogwood Arts, Children’s Festival of Reading, Covenant Health Marathon, Kuumba Festival, Concerts on the Square, Rossini Festival, Hola Festival, Brewers Jam, Tour de Lights, and Christmas in the City.

RADIO AND TELEVISION

Radio Stations.....51
 Television stations.....18

THEATERS

Knox County
 Movie theaters/screens.....11/102
 Live performance theaters.....13



NEWSPAPERS

Knox County:

Knoxville News Sentinel, Farragut Press, Knoxville Focus, Shopper News, Compass (online only)

Region:

Oak Ridger (Anderson County), Daily Times (Blount County), News-Herald (Loudon County), Mountain Press (Sevier County), Union News Leader (Union County)



RECREATION AND TOURISM

Knoxville has an international reputation as an outdoor adventure destination. Just three miles from downtown is Knoxville’s Urban Wilderness with 50 miles of multi-use trails. Concord, I.C. King, and Sharp’s Ridge Veterans Memorial parks provide 24 more miles of trails, and Loyston Point in neighboring Anderson County adds another 12.

Other adventures can be found at Ijams Nature Center and Navitat Treetop Adventure Park, Outdoor Knoxville, Seven Islands State Birding Park, and House Mountain State Natural Area. Zoo Knoxville, a family favorite, celebrated record-breaking attendance in 2018 with more than 500,000 visitors. The region is also home to the country’s most visited national park, the Great Smoky Mountains, which had a record year in 2018 with more than 11.4 million guests.



PARKS AND RECREATION (2019)	
Knoxville and Knox County	
Parks (acres).....	6,317
Greenways/hiking/biking trails (miles).....	184
Recreation/community centers.....	20
Senior centers.....	4
Skate parks.....	4
Dog parks.....	8
Public golf courses.....	10

SPORTS: Residents are proud of The University of Tennessee’s NCAA Division 1 football, basketball, and other teams. Tennessee Smokies, the AA affiliate of the Chicago Cubs in neighboring Sevier County, Knoxville Ice Bears minor league hockey, and the Women’s Basketball Hall of Fame all have devoted fans.

TOURISM: A 500,000-square foot convention center, large civic coliseum and auditorium, and UT’s 22,000-seat Thompson Boling Arena draw visitors to the area.

KNOX COUNTY ELEMENTARY/HIGH SCHOOLS

Demographics (2018-19)

Public schools.....	88
Enrollment.....	60,752
Teachers.....	3,927

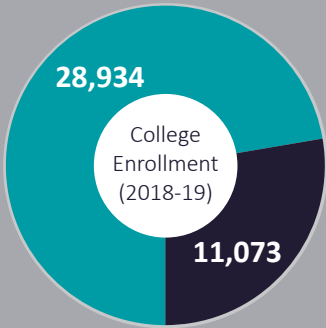
Metrics (2017-18)

Per pupil expenditures.....	\$9,555
Graduation rate.....	89.6%
Average ACT (composite).....	21.1

Private schools.....33

EDUCATION

Included in Knox County's public schools are several magnet, STEM, and International Baccalaureate programs.



- The University of Tennessee
- Pellissippi State Community College

37.3%

Knox County population with bachelor's degree or higher

POST-SECONDARY EDUCATION:

Four two-year colleges and 10 four-year universities are located in Knox County and surrounding area. The University of Tennessee was ranked 52nd among the nation's top public schools in 2019 by U.S. News and World Report.

CIVIC ORGANIZATIONS

The Knoxville Chamber has more than 2,200 members. United Way, Community Shares, and Community Action Committee support many youth, family, and social service programs. More than 250 neighborhood associations and many civic groups are active throughout the city and county.



LOCAL GOVERNMENT

City of Knoxville

Mayor and 9 council members
(4-year terms)

Knox County

Mayor and 11 commissioners
(4-year terms)

LIBRARIES (2019)

Knox County Public Library System

Main library and branches.....18
Special Collections: Knox County Archives &
 Calvin M. McClung Historical Collection

HOSPITALS (2019)

Knox County

General.....8
 Children's.....1

COMMERCE AND INDUSTRY

Denso Manufacturing, Discovery Communications, Jewelry Television, Regal Entertainment Group, The Dollywood Company, Pilot Flying J, Clayton Homes, and Bush Brothers all call the Knoxville area home. The area also hosts Oak Ridge National Laboratory, the largest U.S. Department of Energy research facility and site of the world's fastest supercomputer, employing 4,750 with an annual operating budget of \$1.4 billion.

Knox County has eight business parks and a Technology Corridor, and the area is marketed by the Development Corporation of Knox County and Knoxville-Oak Ridge Innovation Valley Inc., a regional economic development partnership.



EARNINGS (2018)

Knox County

Weekly (all industries average)...\$955



MEDIAN HOUSEHOLD INCOME (2017)

55,266

Knox County

51,848

Metro Area

60,336

U.S.

EMPLOYMENT (2019)

Labor Force

251,703

Knox County

442,384

Metro Area

UNEMPLOYMENT RATE (2019)

3.6%

Knox County

3.9%

Metro Area

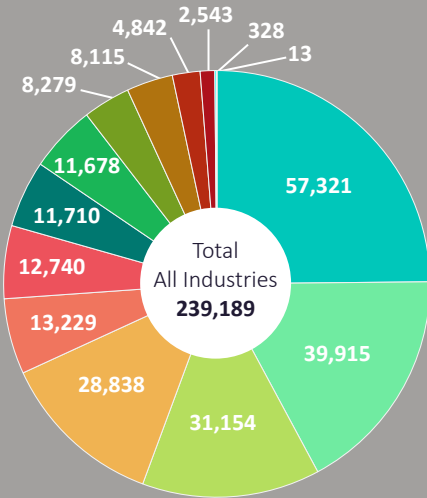
4.0%

Tennessee

3.8%

U.S.

KNOX COUNTY EMPLOYMENT (2018)



INDUSTRIES

- Education and Health Services
- Professional and Business Services
- Retail Trade
- Leisure and Hospitality
- Financial Activities
- Manufacturing
- Construction
- Wholesale Trade
- Public Administration
- Other Services
- Information
- Transportation and Utilities
- Natural Resources and Mining
- Unclassified Establishments

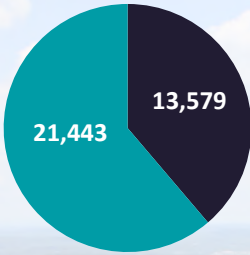
Note: Due to disclosure requirements, the sum of the individual category counts will not match the All Industries total.



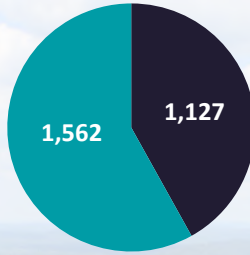
ESTABLISHMENTS (2018)

■ Knox County ■ Metro Area

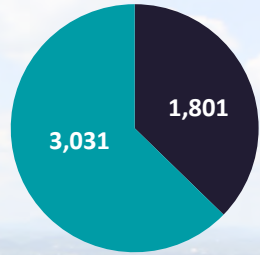
All Industries



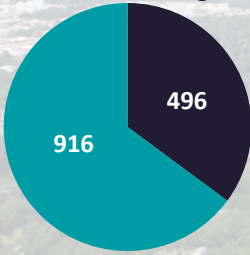
Wholesale



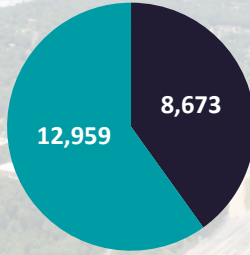
Retail



Manufacturing



Service



RETAIL SALES (2018)

Knox County

Total Sales

\$10,181,607,924

Sales Per Capita

\$21,882

TAXES

Residential Property

- 25% of appraised value
- Taxes are levied on each \$100 of assessed value

Commercial/Industrial Property

- 40% of appraised value

Knox County Tax Rate

- \$2.12 per \$100 assessment

Knoxville Tax Rate

(Knoxville property owners pay both city and county taxes.)

- \$2.4638 per \$100 assessment

State Sales Tax Rate

- 4% on food
- 7% on all other tangible personal property

Local Sales Tax Rate

(applicable countywide)

- 2.25%

Total Sales Tax Rate in Knox County

- 9.25%



Five airlines fly to 21 non-stop destinations out of Knoxville's McGhee Tyson Airport (TYS), located 12 miles from downtown.

Also serving the area are three rail systems and a barge shipping network, the latter directly linked to the Great Lakes and Gulf of Mexico.



AIR (2018-19)

Airlines

Allegiant, American, Delta, Frontier, United

Daily Flights and Non-stop Destinations
99 flights/21 destinations

Passengers (annual)
2,221,137

Cargo Services and Freight
2 services/81,363,507 tons

RAIL (2019)

Systems (Knox County)

CSX, Norfolk Southern, KXHR-Gulf & Ohio

Miles of Lines (Knox County)
270

WATER (2018)

Cargo through Fort Loudon Lock
582,440 tons





BUS (2019)
Knoxville Area Transit (KAT) Routes and Stops

23 routes/1,160 stops

KAT Passengers and Vehicles
2.8 million passengers/94 vehicles

Long-distance
Greyhound, Trailways

Knoxville Area Transit (KAT) operates the city's public transit system with a fleet of full-sized buses, neighborhood service buses, and paratransit vans.





COMMUNICATIONS

AT&T, Charter/Spectrum, Comcast/Xfinity, Mediacom, TDS, and WOW offer cable, high-speed Internet, and telephone service.



UTILITIES

Knoxville Utilities Board (KUB) provides natural gas, water, and wastewater services and distributes electric power generated by the Tennessee Valley Authority throughout much of Knox County. Beyond KUB's service area, residents receive electricity from two local power companies, and water is supplied by seven utility districts.



City County Building
400 Main Street • Suite 403
Knoxville, Tennessee 37902

knoxplanning.org | 865.215.2500