

ANNUAL DATA - GOLD

ANNUAL | 2019

TCL North America

Please submit all numbers in tons or units, as indicated. Note that reporting in tons is required (*), while reporting in units is optional.

An asterisk (*) denotes a required field. Participants cannot submit the data form until all fields marked with an asterisk are complete.

Total Collected for Reuse & Recycling from all Streams

Total Collected for Reuse & Recycling: 1 12,513.00 **tons**

Total Units Collected for Reuse and Recycling (optional):

Equipment: 2 (optional) * 12,065.00 **tons**

Units of Equipment Collected for Reuse and Recycling (optional):

Cell Phones and other Mobile Devices: 3 (optional) * 0.00 **tons**

Units of Cell Phones / Mobile Devices Collected for Reuse and Recycling (optional):

Accessories: 4 (optional) * 448.00 **tons**

Units of Accessories Collected for Reuse and Recycling (optional):

Total: 12,513.00 **tons**

Total Units:

Reuse and Recycling Data

Total sent to third-party certified recyclers from All Streams: 5 * 12,513.00 **tons**

Total Units sent to third-party certified recyclers (optional):

Percentage sent to third-party certified recyclers: 100.00 %

Has collection increased compared to the previous year? *

Yes

No

State Reporting Data

Total Collected for reuse and recycling from all streams (Note: The total from the below categories should equal the total recycled)

Weight of electronics collected in states with take-back laws explicitly to meet these laws. *

10,729.00 **tons**

Weight of electronics that exceeds state take-back laws, collected in states with take-back laws. *

1,655.00 **tons**

Total Units collected in states with take-back laws (optional):

Weight of electronics collected in states without take-back laws. *

129.00 **tons**

Total Units collected in states without take-back laws (optional):

Weight of electronics collected but not attributable to a specific state (e.g., collected by mail-back program, regional agreement, or other method that does not allow a company to track). *

0.00 **tons**

Total Units collected but not attributable to a specific state (optional):

Please use this space to convey any details to EPA about your approach for arriving at your state data (i.e., with and without take-back laws) and any company-specific contributing factors and other useful information (e.g., did your company sell pounds to other OEMS? if so, how many?) *

TCL works with a recycling management company that oversees the recycling goals they are given. Using that model, the company provides monthly invoices with the total amount of pounds collected for each state in which we recycle. For state-operated programs, our total pounds are based on our market share.

Did your company increase collection, recycling and/or reuse in two states without take-back laws? *

Yes

No

Provide two states without a take-back law and actual data (i.e., not derived from an estimate) in which you achieved a total increase in recycling.

State: *

Georgia

Previous Year's Data: *

0.00 **tons**

Previous Year Total Units collected (optional):

Current Year's Data: *

40.59 **tons**

Current Year Total Units collected (optional):

Please explain how you achieved this increase in the text box below. *

TCL works with a recycling management company and other state ran program representatives to understand the needs of communities. Together, we identified some areas that had no local or state-sponsored electronic recycling programs. For Georgia, TCL focused on a region where television recycling was only open to the limited surrounding neighborhood and made television recycling open to everyone. In addition to adding more opportunities in newer states this year, we also increased our reach in all the prior states in which we recycle, making sure these areas have continual and convenient electronic recycling opportunities.

State: *

Delaware

Previous Year's Data: *

0.00 **tons**

Previous Year Total Units collected (optional):

0

Current Year's Data: *

0.39 **tons**

Current Year Total Units collected (optional):

Please explain how you achieved this increase in the text box below. *

TCL works with a recycling management company and other state ran program representatives to understand the needs of communities. Together, we identified some areas that had no local or state sponsored electronic recycling programs. For the state of Delaware, reports showed that collectors often had to turn consumers away who want to recycle televisions or have left televisions behind when they do their home clean out services. TCL stepped in to fill the gap. TCL is committed to improving the lives of our customers and their local communities that extends well beyond our award-winning innovative products. We also know that reducing the effects electronic waste can have on the environment is of utmost importance.

Reporting Requirements

Due Diligence

Have you verified that your company conducts due diligence to ensure that the recycler of first entry into the system, as well as any vendors receiving materials after the initial recycler (i.e., downstream vendors), either:

- are certified to an established third-party certification standard, or
- are examined by the company's auditors at least semi-annually to ensure safe management practices?

If a certifying body conducts an annual audit, only one additional in-person or paper audit is required per year. *

Yes

No

Provide the methodology used for verification: *

We have a recycling management company that conducts the following: (1) Verifies that all first entry recyclers are Third Party Certified by requiring vendors to send Certification documents to them for our files. This is done at least once annually. (2) Reviews posted lists of Certified recyclers on R2 website at least once monthly. Reviews eSteward posted list periodically during the year. (3) Conducts annual desktop review of all Tier I, II and III downstream destinations for all vendors. (4) Conducts monthly desktop audit of Bills of Lading (BOLs) and the company's volumes at recyclers for glass movement. Performs volume balance assessment of glass shipped downstream to ensure glass is moving and being handled appropriately. (5) Performs periodic desktop audits of LCD BOLs to ensure proper handling and downstream movement. (6) Periodic location visits.

Certified Recyclers and Programs *

Is this information included in the final, publicly-posted report? *

Yes

No

List names of certified recycler(s) used and certification programs:

	CERTIFIED RECYCLER NAME *	CERTIFIED RECYCLER LOCATION - CITY, STATE, COUNTRY (IF APPLICABLE) *	CERTIFIED PROGRAM *
1	Electronic Manufacturers Recycling Management (MRM)	IL, IN, MA, MD, MI, NH, NY, NC, OR, PA, RI, TX, WI	E-stewards, R2

Education & Outreach

List and describe public education and outreach activities on safe management of used electronics and available collection opportunities. *

Waste reduction is of fundamental importance for our partners and employees. With TCL's growing market, it is essential for us to integrate reducing, reusing, and recycling, in everyday operations. We help fund recycling programs in more than twenty-five states that keep a wide variety of electronics products out of landfills. In many states, consumers can drop off their televisions, and other products, at specified locations for recycling free-of-charge. Other state and local municipalities provide convenient recycling events and year-round solutions for their residents. TCL conveniently provides information that assist consumers in learning how and where to recycle their electronic equipment in all fifty states. With these resources, consumers are also able to find regional topics like state recommendations with green initiative companies, local community energy and recycling needs and recommendations, and state and local laws regarding recycling of electronic products. To go even further, TCL hosted a sizable recycling event for America Recycles Day at the Pasadena Rose Bowl. We worked with local radio stations, news outlets, and the famous In-N-Out Food Truck to raise awareness around the convenience of electronics recycling.

Website where public education and outreach activities are listed (optional):

<https://www.tcl.com/us/en/sustainability> *Ensure website address begins with http:// or https://*

Company Policies Favoring Recycling and Reuse

List and describe company policies that favor recycling and reuse of electronics equipment and/or components, as opposed to energy recovery, incineration, or land disposal. *

TCL NORTH AMERICA CORPORATE STATEMENT ON THE ENVIRONMENT: TCL North America practices effective product and environmental stewardship and places a continued, focused, and conscientious effort to engage in electronics collection and recycling activities throughout the United States. The company diligently works to ensure its products are in full compliance with environmental statutes and regulatory guidelines, and continues to enhance its oversight of the manufacturing process to remove hazardous substances, keep conflict minerals out of its supply chain, reduce energy usage, and increase the volume of its electronics recycling programs. We do this because the company, together with our employees, strongly believe in doing our part to build a sustainable future. The company has continued to grow its investment in electronics collection and recycling each year, doubling its per-pound recycling goals on a year-over-year basis since 2015. TCL is an effective contributor to all extended producer responsibility (EPR) recycling programs and is in full compliance with state EPR laws and statutes. TCL has enacted standards that call for recyclers to use the highest level of certification compliance such as e-Stewards and R2. These strict policies enable the assurance of responsible electronics recycling for our customers.

Website

List website where EPA provided baseline/annual tier data is publicly posted: *

<https://www.tcl.com/us/en/sustainability> *Ensure website address begins with http:// or https://*

Upstream Communication & Innovation

Answer two of the three questions.

How do you influence supplier behavior (e.g. in the areas of materials selection, design for product longevity, reuse and recycling, energy conservation, end-of-life management and corporate performance)?

TCL builds and operates our own state-of-the-art factories as well as design and assemble our own televisions. We are one of only a small number of brands in the world with the resources and expertise to be a fully vertically integrated television manufacturer. This means we don't subcontract the manufacturing of our televisions or its components to other companies. We have our own supply chain where we control the components we use and what goes into them. With our leadership in supplier behavior, we want to set examples for others. With this in mind, TCL has recently added energy-saving systems of air compressors to our manufacturing operations. By doing so, we achieved an energy conversion rate of over thirty percent. We also have completed our solar power facility project that increased our solar power consumption to over four million kWh in 2019. Building on our standard Auto Power Savings features and Contrast Control Zones, we launched our award-winning mini-LED backlight. Rather than adding materials to our televisions between the backlights, TCL is taking our high-performance mini-LED backlight and putting it all on one crystal clear sheet of glass, increasing energy savings while reducing product material.

Website where company activities or programs are listed (optional):

Ensure website address begins with http:// or https://

How have you helped customers reduce their electronics packaging waste (e.g., through creative packaging design, innovative material choices, and better logistics)?

TCL actively examines product packaging materials and methods to reduce waste and increase recyclability. We continually work with our partners to uphold the highest standards when it comes to sustainability. Along with our packaging that contains several clearly marked recyclable components, TCL has taken steps to not only find more environmentally friendly alternatives to some packaging materials but we have also found solutions to reduce the amount of materials that are used overall. TCL has begun the replacement of the EPS cushion pads with EPE materials, which are more environmentally friendly and easy to recycle and reuse. In addition, TCL's usage of the amount of cardboard box has been greatly reduced. We have always designed our packaging with safety, fit, and the environment in mind and we will continue to set comprehensive sustainability goals and challenge ourselves to exceed them.

Website where company activities or programs are listed (optional):

Ensure website address begins with http:// or https://

How do you encourage customers (including large purchasers) to buy sustainable or "green" electronics products?

Website where company activities or programs are listed (optional):

Ensure website address begins with http:// or https://

Notes:

1. Total Collected for Reuse and Recycling: This is the total amount of used electronics collected for reuse and recycling, including the amount

sent to certified and non-certified recyclers. It can include company assets, business to business, warranty returns, and electronics collected and/or purchased to meet state take-back laws. See below for definitions of "reuse", "all streams" and "units".

2. Equipment: Defined as electronics equipment such as central processing units (CPUs), desktops, laptops, televisions, printers, monitors, copiers, fax machines, scanners, imaging equipment, radios, tablets, e-readers, slates, netbooks, and heavy equipment such as servers. It further includes any other or new (future) types of equipment that are designed primarily to store or convey information electronically and have a 4-inch screen or larger measured diagonally.

3. Cell Phones & Other Mobile Devices: Defined as electronic equipment such as cell phones, personal digital assistants (PDAs), organizers, tablets, e-readers, slates, smart phones, compact disc players, gaming systems, calculators, and MP3 devices. It also includes any other or new (future) types of equipment that are designed primarily to store or convey information electronically and that are lightweight, mobile in design, and have a 4-inch screen or less measured diagonally.

4. Accessories: Defined as headphones, speakers, CDs, toner cartridges, USB sticks, keyboards, game system accessories, cables, chargers, and other small, miscellaneous items as defined by the Participant. It further includes any other or new (future) types of accessories to either the equipment or cell phone and other mobile devices equipment. The participant is welcome to provide a separate breakout of any of the items listed as accessories.

5. Total sent to third-party certified recyclers: For the purposes of the SMM Electronics Challenge, the term "recycler" denotes refurbisher or recycler certified to a recognized third-party certified recycling program. Similarly, the term "recycling" denotes recycling, refurbishment and reuse. Currently, Responsible Recycling Practices (R2) and e-Stewards are the only recognized certification standards for recyclers. However, EPA may recognize additional standards at a later date. Also see definition of 'all streams' below.

Reuse: Denotes an electronics object, or component of an electronics object that is used again by a different owner either for its original purpose or for a similar purpose, without significantly altering the physical form of the object or material. The electronics object may be cleaned, repaired, or refurbished between uses.

All Streams: Denotes used electronics collected for recycling or reuse from the various return streams used by the participant. Streams could include consumer take-back programs, asset recovery programs, retired lease returns, collection events, or trade-in programs.

Baseline: The year a participant joins the challenge. Annual results are compared to the baseline as well as preceding years' results.

Units: Individual items collected for reuse and recycling, including equipment (e.g., televisions, computers, printers), cell phones and mobile devices (e.g., smartphones, tablets, MP3players), and accessories (e.g., USB drives, headphones, keyboards).

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