

# ANNUAL DATA - GOLD

ANNUAL | 2017

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 3,055.63 *tons*

Total Units Collected for Reuse and Recycling (optional):

Equipment: 2 (optional) \* 2,911.69 *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) \* 143.94 *tons*

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

Total: 3,055.63 *tons*

Total Units:

## Reuse and Recycling Data

Total sent to third-party certified recyclers from All Streams: 5 \* 3,055.63 *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. \*

2,678.67 *tons*

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

366.96 *tons*

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

0

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

10.00 *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?) \*

Our waste management company provides monthly invoices showing 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: \*

Colorado

Previous Year's Data: \*

0.00 *tons*

Previous Year Total Units collected (optional):

Current Year's Data: \*

5.00 *tons*

Current Year Total Units collected (optional):

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

TCL works with a waste management company and other state ran program representatives to understand the needs of our communities. Together, we pinpointed a few areas that had no local or state-sponsored electronic recycling programs and took action. Our commitment to our customers extends well beyond delivering premium picture performance and endless entertainment. We also know that reducing the impact electronic waste can have on the environment is of critical importance

State: \*

Massachusetts

Previous Year's Data: \*

0.00 *tons*

Previous Year Total Units collected (optional):

Current Year's Data: \*

5.00 *tons*

Current Year Total Units collected (optional):

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

TCL works with a waste management company and other state ran program representatives to understand the needs of our communities. Together, we pinpointed a few areas that had no local or state-sponsored electronic recycling programs and took action. Our commitment to our customers extends well beyond delivering premium picture performance and endless entertainment. We also know that reducing the impact electronic waste can have on the environment is of critical importance

## 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 waste management company that conducts the following: (1) Verify 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 annually. (2) Review posted lists of Certified recyclers on R2 website at least monthly. Reviews eSteward posted list periodically during the year. (3) Conduct annual desktop review of all Tier I, II and III downstream destinations for all vendors. (4) Conduct monthly desktop audit of Bills of Lading (BOLs) and the company's volumes at recyclers for glass movement. Perform volume balance assessment of glass shipped downstream to ensure glass is moving and being handled appropriately. (5) Perform 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	MRM E-Cycling Management (MRM)	CA, IL, IN, MD, MI, NC, NH, NY, OR, PA, TX, UT, WA, WI	E-stewards, R2

## Education & Outreach

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

Minimizing waste is a core concern for our employees and partners. TCL continues to be the Fastest-Growing TV Brand in America, which is why it's important for us to incorporate reducing, reusing, and recycling, in everyday operations. We help fund recycling programs in more than twenty 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. In other areas, state and local municipalities provide convenient recycling events and year-round solutions for their residents. TCL provides information that should assist consumers in learning how to recycle their electronic equipment in all 50 states.

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

<https://www.tclusa.com/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: \*

## 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 is one of only a few television brands in the world with the resources, experience, and capability to be a fully vertically integrated manufacturer. This means we don't outsource the manufacturing of our products or components to other companies like so many brands do today. We have our own supply chain where we control the components we use and what goes into them. We build and operate our own state-of-the-art factories, design and assemble our own products, and provide award-winning customer service to stand behind each of our products. TCL North America provides information to our customers that can assist them in navigating through their local community's energy and recycling needs and recommendations. Clients can find regional topics on items such as what to recycle, where to recycle, how to properly secure televisions, child safety with electronics, state's recommendations with green initiative companies, and state and local laws regarding recycling and chemicals in electronics.

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 continually works with our partners to uphold the highest standards when it comes to sustainability – the very same standards we set for ourselves. We also strive to reduce waste and recycle in every facet of our operations, including our packaging. Currently, our packaging contains several clearly marked recyclable components. We've always designed our packaging with safety, fit, and the environment in mind. As TCL plans for the future, we have big goals we want to achieve. We are committed to having 40% of our packaging made from recyclable materials and contain conveniently recyclable content, over the next few years. These goals will make a substantial impact, but of course, they're also just the beginning. TCL 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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