ANNUAL DATA - GOLD

ANNUAL 2017

Sprint

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]	2,147.37 *tons*
Total Units Collected for Reuse and Recycling (optional):	3,697,487

Equipment: [2] (optional) *	1,360.47 *tons*
Units of Equipment Collected for Reuse and Recycling (optional):	139,389
Cell Phones and other Mobile Devices: [3] (optional)*	667.14 *tons*
Units of Cell Phones / Mobile Devices Collected for Reuse and Recycling (optional):	3,558,098
Accessories: [4] (optional)*	119.75 *tons*
Units of Accessories Collected for Reuse and Recycling (optional):	2,147.36 *tons*
Total Units:	3,697,487

Reuse and Recycling Data

Total sent to third-party certified recyclers from All Streams: [5]*	2,127.42 *tons*
Total Units sent to third-party certified recyclers (optional):	3,624,931
Third Party Recyclers Ratio:	0.99
Gold - Multiplier:	100.00
Percentage sent to third-party certified recyclers:	99.07 *%*

Has collection increased compared to the previous year?*

- ○ Yes
- ◉ No

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.*

0 *tons*

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

573.28 *tons*

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

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

1,030.37 *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).*

543.72 *tons*

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

2,458,542

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?)*

        Sprint used the following source to determine the states with take-back laws -- Electronics Recycling Coordination Clearinghouse (ERCC): (http://www.ecycleclearinghouse.org/content.aspx?pageid=10). Although half the states in the U.S. have take-back laws, there are no explicit EPR minimums for which Sprint is accountable. With that in mind, all of our collections in states with take-back laws "exceed state take-back laws." The volume of Equipment by State was derived from reports supplied by Sprint Supplier engaged in recycling and refurbishment/resale of Sprint equipment. The volumes of cell phones collected by specific state was provided by Sprint's Product Operations and Reverse Logistics groups. It represents the phones auctioned to refurbishers and recyclers. The phones that were collected and not attributed to a specific State represent phones sent in to Sprint programs and reused for the Sprint "pre-owned" sales program, and to

support the 1 Million Project. Due to the major changes in the Sprint collection programs and the internal groups that manage the various programs, we were not able to easily get the origin state for 543 Tons of phoned collected. Sprint is working on making sure that we have the returns break- out by State for 2019 years submittal. The "units" of Equipment collected" was is derived from asset tracking systems - ATLAS, and Asset Manager. The "units" of phones was provided from the Device management team database. Sprint used the following formula for converting the number of cell phones collected into weight: (1 phone = 6 OZ average or 0.0001700971 tons), and estimated mobile accessories at 0.000030534 tons per phone.

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

- ○ Yes
- ◉ No

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:*

Sprint requires that the recycler of first entry into the system, must be certifies to R2 or e-Stewards. Sprint obtains a copy of the Suppliers certificate and uses the SERI website (https://sustainableelectronics.org/recyclers), and the e-Stewards website http://e-stewards.org/find-a-recycler/) to obtain up-to-date certification status. These certified Suppliers are also audited biennial via an on-site audit. Sprint contractual terms with all Sprint Supplier that dispose of Sprint material-mandates the requirement for R2 or e-Steward certification; compliance with Sprint's Electronic Stewardship Policy, and requirement for a monthly mass- balancing report including all material recycled or sold for the given month. Contract terms also give Sprint the right to audit the Suppliers transactions.

Education & Outreach

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

> http://goodworks.sprint.com/product/device-donations/sprint-onemillion-project/?ECID=vanity:recycle
> http://goodworks.sprint.com/product/device-donations/sprint-onemillion-project/?ECID=vanity:recycle
> http://newsroom.sprint.com/virgin-mobile-usa-to-partner-with-1millionproject-help-connect-students-to-succeed-in-school.htm http://newsroom.sprint.com/sprint-recycles-fallen-wood-to-support-hurricane-irma-relief-efforts.htm http://newsroom.sprint.com/sprints-1million-project-to-connect-180000-students-nationwide-during-2017-18-school-year.htm

Website where public education and outreach activities are listed (optional):http://goodworks.sprint.com/product

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.*

ELECTRONICS STEWARDSHIP POLICY (download at http://sprint.co/1CYoL5X) Sprint is the first and only U.S. wireless carrier to outline commitments that address e-waste holistically. Its Electronics Stewardship Policy focuses on the full lifecycle of the electronics it buys and sells. It states Sprint will strive to design and buy greener electronics, extend the useful life of equipment, boost the collection of used equipment, maximize the reuse of electronics, and responsibly recycle the rest through accredited third-party certified vendors. ENVIRONMENTAL POLICY (download at http://sprint.co/1CbZ5CZ) Management of e-waste is one of Sprint's highest environmental priorities. In its Environmental Policy, Sprint states its commitment to implement effective internal e-waste management programs to maximize the percentage of Network, IT and Real Estate e-waste that is reused or recycled. ENVIRONMENTAL MANAGEMENT SYSTEM (download at http://sprint.co/1IPToHG) Sprint has a documented Environmental Management System (EMS) based on the ISO 14001 standard that aligns with its Environmental Policy. In its EMS, Sprint identifies ewaste as a significant environmental aspect and outlines requirements and operational controls for reuse and recycling. CONTRACTUAL AGREEMENTS Sprint's contracts with its recyclers and remanufacturers require them to maintain R2 or e-Steward certification; implement zero landfill practices, and submit monthly recycling and refurbishment reports. Sprint's reserves the right to audit supplier operations. the NETWORK MATERIALS REVIEW PROCESS requires that all excess/deinstalled equipment removed from Sprint's Network or otherwise determined as excess - to be reviewed against a material demand forecast, spares requirements, and future projects to determine if a reuse opportunity exists prior to disposition sale or scrapping. Sprints TS-0198 is a technical specification that outlines the requirements for any supplier tasked with disposing of network material.

Website

List website where EPA provided baseline/annual tier data is publicly posted:*http://goodworks.sprint.com/planet/waste/e-waste/

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)?

Sprint requires that all phones being sourced, go through the UL 110 certification process which rewards designs that are more easily upgradeable, reparable and recyclable and that contain reduced levels of environmentally sensitive materials. Sprint has developed a guide outlining Sprints supplier environmental criteria titled Material Assessment and Greenhouse Gas Emissions - http://goodworks.sprint.com/content/1022/files/CRSupplierHandbook10212014.pdf Most phones Sprint ad to the portfolio are considered "Bring Your Own Device" (BYOD) compatible. BYOD phones will only require a replacement of the sim card to switch between carriers, so the customer can change service providers and use their existing device. There are now more than 25 different BYOD compatible phone models. Network also has a design guide for suppliers of network equipment which outlines environmental criteria.

Website where company activities or programs are listed (optional):http://goodworks.sprint.com/content/1022/files/CRSupplierHandbook10212014.pdf

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

In 2017 we eliminated the plastic thermoform tray (made of RPET) with a tray made of paper. Sprint is committed to corporate responsibility with products, packaging, printing and production strive to support a healthy environment. Through partnering with Sprint vendors to strictly adhere to our environmental packaging and printed instructional in-box requirements, Sprint will extend its commitment to a more environmentally responsible world. For device product packaging all OEMs are provided Sprint's Vendor Compliance Document (VCD) that provides our desired specification. For Point-of-Sale (POS) printed materials where paper is used, the paper products are comprised of recycled paper and generally certified by FSC (Forest Stewardship Council) or SFI (Sustainable Forestry Initiative). All corrugate cartons to transport our POS materials to retail locations certified by the FSC. Reduced our Device Packaging size: From: 8.125 x 6.625 x 1.3125 inches – to 7.106 x 5.925 x 1.319 inches. Eliminated the RPET Plastic Inner Device Tray. Standardized OEM Universal Device Package and Device Trays. Require vendors to use minimum of 30% post-consumer recycled content, be sourced from a Forest Stewardship Council managed forest, or equivalent, and packaging free of elemental chlorine bleaching. Suppliers required to use Soy ink or low vegetable-based inks with maximum of 10% emission rating for sleeves. Eliminated Printed In-Package GSD Materials for Android Devices. Master Carton Sustainability Requirements VCD-00266 R-8.0.3.1: Master Carton Corrugate – Vendors shall ensure that the corrugate is a minimum 40% Post-Consumer Waste

(PCW), unbleached (Vendors are prohibited from using un-certified conventional virgin fiber)VCD-00267 Alternative fibers: Sprint encourages the use of non-wood fibers, or other agricultural residues used in paper-making.

Website where company activities or programs are listed (optional):http://goodworks.sprint.com/product

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

FSC Mix packaging logos and disclaimers explaining our (Sprint's) effort are added to device product packaging. "Please recycle this packaging and device properly. Packaging materials are 100% recyclable. Recycling programs may not exist in your area. Go to Sprint.com/recycle for more information on responsible device recycling." In 2017, Sprint started a program where certain smart phones were refurbished by an R2 partner and re-sold as "certified used" or "Pre-loved iPhones through our retail stores. Sprint activated 1.5 Million Devices of these devices in 2017. This program has resulted in a large decrease in the phones going to downstream recyclers and refurbishers.

Website where company activities or programs are listed (optional):http://goodworks.sprint.com/product

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).