

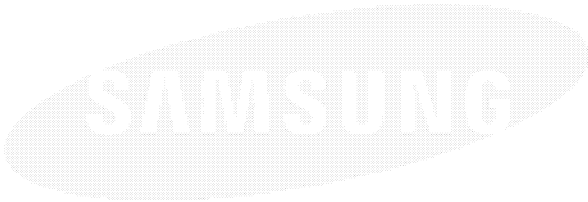


EPA's SMM Electronics Challenge - Samsung Reporting Template



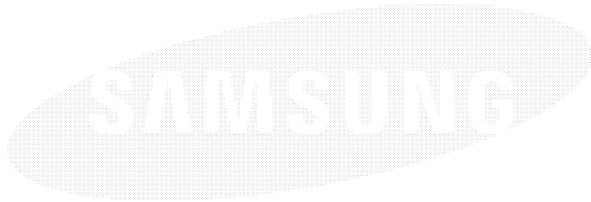
PLEASE SUBMIT ALL NUMBERS IN METRIC TONS

Basic Information			Used Electronics Collection Data						Recycling Data	
Company Name	Reporting Timeframe	Baseline or Annual Data?	Businesses & Institutions ¹	Consumers ²	Non-Voluntary Channels ³	Voluntary Channels ⁴	Total Collected for Reuse & Recycling from all Streams ⁵		Total Sent to Third-party Certified Recyclers from all Streams ⁹	Percentage Sent to Third-party Certified Recyclers
Samsung	January 1, 2012-December 31, 2012	Baseline	0	41,964.5	4.5	41,960.0	Equipment ⁶	41,956	41,965	100.00%
							Cell Phones and other Mobile Devices ⁷	9		
							Accessories ⁸			
							Total	41,965		



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Notes:	
1. Businesses & Institutions:	The amount of used electronics collected for recycling and/or reuse from businesses and institutions, or from the management of the IT equipment associated with the participant's own operations and off spec production waste.
2. Consumers:	The amount of used electronics collected for recycling and/or reuse from consumers at collection sites, through episodic collection events, or through mail-back programs.
3. Non-Voluntary Channels:	The amount of used electronics collected for recycling and reuse via contractual activities, such as leasing transactions, warranty returns, or from the management of the IT equipment associated with
4. Voluntary Channels:	The amount of used electronics collected for recycling and reuse via non-contractual activities, such as consumer collection events or take-back programs. This could include both business and consumer
5. 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 should equal the sum of the amount
6. 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,
7. 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,
8. Accessories:	Defined as headphones, speakers, CDs, printers, toner cartridges, USB sticks, keyboards, game system accessories, cables, chargers, and other small, miscellaneous items as defined by the Participant. It further
9. 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,
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
All Streams:	Denotes used electronics collected for recycling or reuse from the various return streams used by the participant including: consumer takeback programs; asset recovery programs; retired lease returns; collection
Baselines:	Previous year's results become baseline for the following year.



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State by State Reporting							
Note: States in <i>Red</i> indicate a state with an electronics take-back law.	Total Pounds Collected	Total Metric Tons Collected		Collection Sites & Events Data			
		Total Collected	% of Total that is Derived from an Estimate	Episodic Collection Event(s) ¹		Permanent Collection Site(s) ²	
				Yes	No	Yes	No
Alabama	0	0.00	0	x		x	
Alaska	15,381	6.98	0	x		x	
Arizona	700,001	317.51	0	x		x	
Arkansas	300,000	136.08	0	x		x	
California	192,387	87.26	0	x		x	
Colorado	2,705,047	1,226.98	0	x		x	
Connecticut	2,397,031	1,087.27	0	x		x	
Delaware	83,274	37.77	0	x		x	
Florida	825,563	374.47	0	x		x	
Georgia	541,590	245.66	0	x		x	
Hawaii	600,000	272.15	0	x		x	
Idaho	100,582	45.62	0	x		x	
Illinois	5,391,650	2,445.60	0	x		x	
Indiana	4,239,700	1,923.09	0	x		x	
Iowa	371,738	168.62	0	x		x	
Kansas	282,639	128.20	0	x		x	
Kentucky	484,696	219.85	0	x		x	
Louisiana	400,004	181.44	0	x		x	
Maine	1,491,661	676.60	0	x		x	
Maryland	622,768	282.48	0	x		x	
Massachusetts	3,524,742	1,598.79	0	x		x	
Michigan	3,252,162	1,475.15	0	x		x	
Minnesota	5,024,280	2,278.96	0	x		x	
Mississippi	291,194	132.08	0	x		x	
Missouri	943,290	427.87	0	x		x	
Description of Methodology for Estimating Data - if applicable (optional)							
Not applicable, Samsung provides exact pound information per State.							



<i>Note:</i> States in Red indicate a state with an electronics take-back law.	Total Pounds Collected	Total Metric Tons Collected		Collection Sites & Events Data				Description of Methodology for Estimating Data - if applicable (optional)
		Total Collected	% of Total that is Derived from an Estimate	Episodic Collection Event(s) ¹		Permanent Collection Site(s) ²		
				Yes	No	Yes	No	
Montana	100,000	45.36	0	x		x		Not applicable, Samsung provides exact pound information
Nebraska	200,000	90.72	0	x		x		
Nevada	300,000	136.08	0	x		x		
New Hampshire	1,386,104	628.72	0	x		x		
New Jersey	7,211,342	3,270.99	0	x		x		
New Mexico	200,000	90.72	0	x		x		
New York	8,005,659	3,631.29	0	x		x		
North Carolina	3,160,124	1,433.40	0	x		x		
North Dakota	100,393	45.54	0	x		x		
Ohio	1,983,249	899.58	0	x		x		
Oklahoma	900,002	408.23	0	x		x		
Oregon	3,877,191	1,758.66	0	x		x		
Pennsylvania	5,677,933	2,575.45	0	x		x		
Rhode Island	659,365	299.08	0	x		x		
South Carolina	150,000	68.04	0	x		x		
South Dakota	1,144,469	519.12	0	x		x		
Tennessee	600,291	272.29	0	x		x		
Texas	6,681,573	3,030.69	0	x		x		
Utah	685,652	311.00	0	x		x		
Vermont	545,450	247.41	0	x		x		
Virginia	1,192,136	540.74	0	x		x		
Washington	4,699,907	2,131.83	0	x		x		
West Virginia	490,922	222.68	0	x		x		
Wisconsin	7,683,209	3,485.03	0	x		x		
Wyoming	100,000	45.36	0	x		x		
TOTAL (must match front page total)	92,516,351	41,964.5	Numbers may vary slightly due to rounding					

<i>Note:</i> States in Red indicate a state with an electronics take-back law.	Total Pounds Collected	Total Metric Tons Collected		Collection Sites & Events Data				Description of Methodology for Estimating Data - if applicable (optional)
		Total Collected	% of Total that is Derived from an Estimate	Episodic Collection Event(s) ¹		Permanent Collection Site(s) ²		
				Yes	No	Yes	No	Not applicable, Samsung provides exact pound information

Notes:
1. Episodic Collection Sites: Defined as collection points (including periodic public events such as Earth Day or sporting events) that are available to consumers episodically and not on a permanent, year-round basis.
2. Permanent Collection Sites: Defined as collection points operated by the organization (including physical locations or mail-in programs) where consumers have access to used electronics collection on a year-round basis.

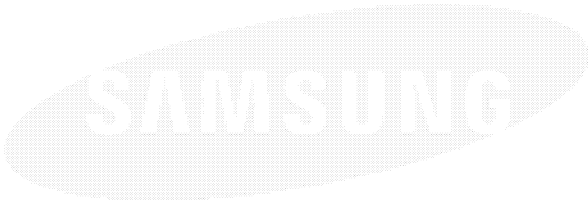


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	Other Reporting Requirements	
Mass Balance/Tracking Throughput Have you verified that all recycling vendors used by your company are required to fully account for <u>the organization's</u> used electronics as they enter and leave each facility used? Provide the methodology used for verification.	<p>Yes, as a part of e-Stewards auditing, recyclers are required to show mass balance. All of our recyclers track mass balance, to identify weight of material entering the facility and weight of material existing the facility. The full time it takes for products entering to material stream to release into downstream markets takes up to 3 months, consequently, the amounts entering and leaving the facility will not match exactly on a month-to-month basis due to lag time of processed material. Samsung works with our recycling partners and collection partners for generating e-waste that consists of all brands, not just Samsung brands. Samsung brand name makes up just 2% of the e-waste stream, but we are collecting and processing approximately 20% of the e-waste stream that is generated by manufacturer e-waste recycling programs, according to CEA. Meanwhile, the Samsung market share for all typically covered electronic devices is approximately 10 - 15%. Samsung recycling partners are all e-Stewards, which means that they must adhere to strong guidelines on proper handling of materials, as well as documentation of material flow in and out of the recycling facility. all material downstreams are audited according to the e-Stewards requirements.</p>	
Beyond 3rd Party Certification Standards List company policies or programs for vendors that go beyond third-party certification standards, and verify that the policies are followed by each recycler used.	<p>[Note: EPA is aware of both R2 Recycling and e-Stewards and does not have a preference for either one. Using recyclers that have been certified to either of these programs will significantly advance environmentally sound recycling. For more information, please see http://www.epa.gov/waste/conserve/materials/ecycling/faq.htm#prefer] We note on our website that our recycling partners are e-Stewards. We believe this reference satisfies the intent of this SMM requirement. Not all third-party certification systems are created equal. Samsung is the first mfr [manufacturer] to become an e-Stewards Enterprise. And part of that requirement dictates that all of our partner recyclers need to be e-Stewards recyclers. The policies that govern e-Stewards exceed the policies that govern R2. Consequently, our system is much stronger in terms of control over responsible recycling, ensuring materials don't go to places in the world where the infrastructure can not support responsible recycling. In the e-Stewards system, we will not export to developing countries, landfill, incinerate or use prison labor as ways to process materials of concern, as specified in the standard. We additionally look closely at downstream vendors for additional transparency of operations and material flow. We will ask our primary recyclers to voluntarily adjust downstream vendors if we find the process is not transparent.</p>	
Due Diligence		

Have you verified that your company conducts due diligence to ensure that the certified recycler of first entry into the system as well as vendors receiving materials after the initial certified recycler (i.e., downstream vendors) are also 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? Provide the methodology used for verification.	In the case of Samsung, all of our Partner recyclers are e-Stewards, which means that each of the respective recycling facilities have full e-Stewards onsite audits per year; and the downstream vendors have audits (desk) each year. In order to meet the gap required by the SMM Challenge, which is to have a second (semi-annual) desk-audit of downstream processors, Samsung also is conducting one audit per year to desk-review all respective downstream vendors of our recycling partners. this review is performed at the main office/facility of each of our partners, and recuews each respective downstream facility, which handles materials of concern, for compliance with responsible materials management in a similar manner to the audit performed by e-Stewards. This second audit was completed by Samsung in June and August.
Certified Recyclers and Programs	
List names of certified recycler(s) used and certification programs.	Electronic Recyclers International; Universal Recycling Technologies; Vintage Tech LLC; AnythingIT
Education & Outreach	
List and describe public education and outreach activities on safe management of used electronics and available collection opportunities.	We express our annual volumetric goals and results on our website, related to the processing volumes of e-waste. To accomplish this, our recyclers create relationships to drive the lbs [pounds] we plan to have recycled. Our recyclers are all e-Stewards and they promote this. Also, we work with cities like Salt Lake City, and Salt Lake Valley Health Departement (SLVHD) to drive collection events. SLVHD does extensive promotion for e-Stewards, both publically and internally to influencers. Our participation helps to support this because we are funding much of it, for example we sponsored \$5,000 advertising for an e-waste event in Salt Lake City in April 2013. And our recyclers meet the standard required by SLVHD and Samsung, both of which include requirements of recyclers to have e-Stewards certification. We also promote general responsible recycling (e-Stewards and R2) through CEA, which provides information to viewers on their website green.gadgets.org. This site provides a comprehensive list of over 5,000 locations across the US for e waste drop-off. This is an addition to the 900 or so collection locations noted on our own Samsung website.
Company Policies Favoring Recycling and Reuse	All of our partner recyclers review all materials for possihle reuse. this is the first stage. They will try to fix

List and describe company policies that favor recycling and reuse of electronics equipment and/or components, over energy recovery, incineration, or land disposal.	All of our partner recyclers review all materials for possible reuse, this is the first stage. They will try to fix and sell the equipment if possible. If not possible to resell, then they will responsibly recycle. The e-Stewards standard specifies a policy for no export, incineration or landfilling of e-waste. This is the strictest 3rd party certification for responsible recycling in the Industry. [Note: EPA is aware of both R2 Recycling and e-Stewards and does not have a preference for either one. Using recyclers that have been certified to either of these programs will significantly advance environmentally sound recycling. for more information, please see http://www.epa.gov/waste/conserve/materials/ecycling/faq.htm#prefer]
Website	
Provide website where data and commitments are posted	http://www.samsung.com/recyclingdirect



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