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Program Report on Texas Recycles Computers and Texas Recycles Televisions

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External Relations Division

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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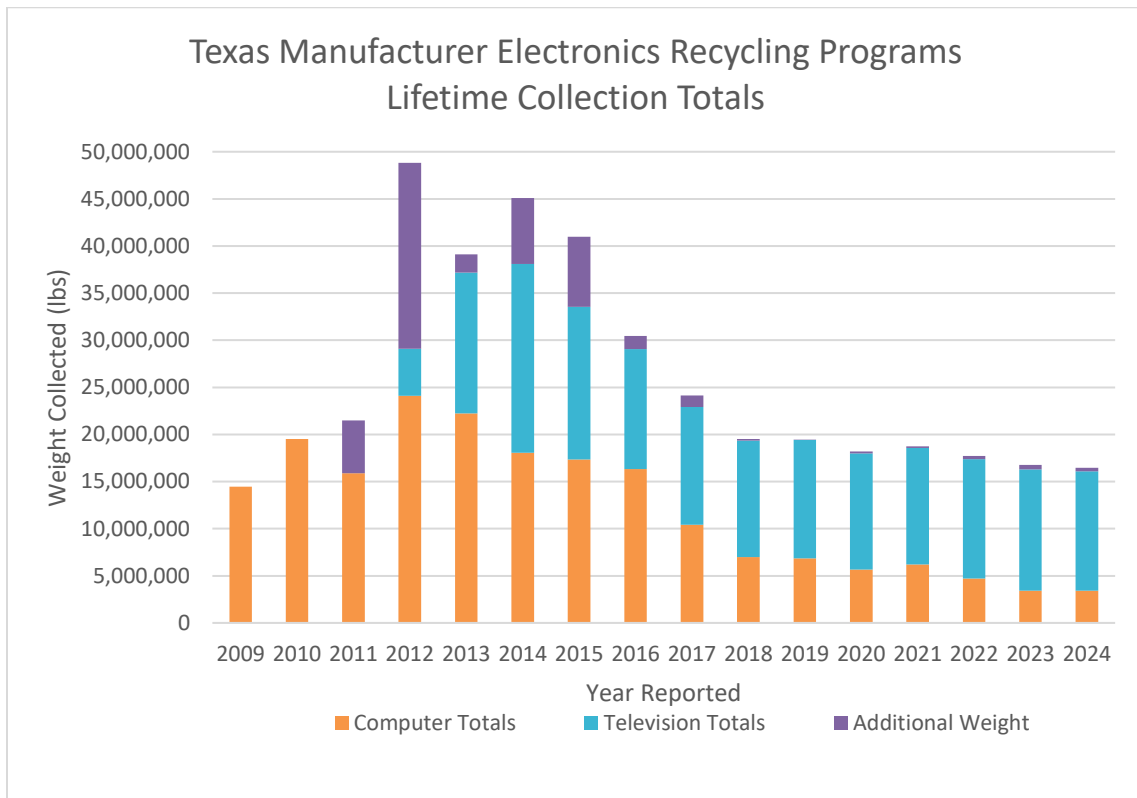
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Results From Manufacturers' Annual Reports

The Texas Recycles Computers and Texas Recycles TVs programs have been required to submit reports since 2009 and 2013, respectively. Together, these programs have resulted in 424,730,469 pounds of computers and televisions being collected, with 412,155,725 pounds of this being recycled and 8,499,988 pounds being reused. Computer manufacturers also collected an additional 45,954,011 pounds of electronics-related equipment over the lifetime of the program, bringing the total weight of electronics collected to 470,684,480 pounds. For the 2024 calendar year, the programs collected a total of 16,445,142 pounds, comprising 3,407,670 pounds of computers, 341,884 pounds of additional electronic equipment, and 12,695,588 pounds of televisions. See Chart 1 below for the weights collected since the creation of both programs.

Chart 1. Texas Manufacturer Electronics Recycling Programs Lifetime Totals



Texas Recycles Computers Program

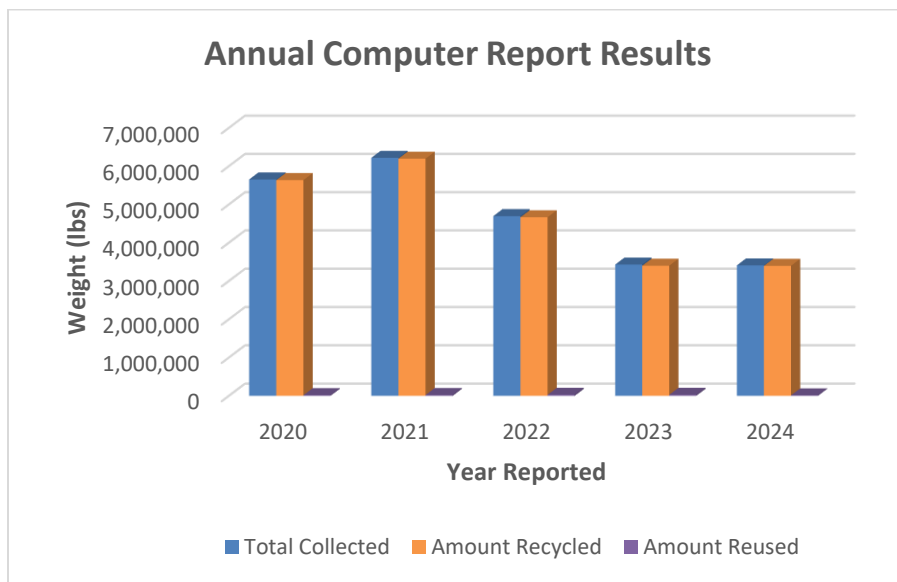
In 2024, the total combined weight of computer equipment collected was 3,407,670 pounds. The total amount recycled was 3,395,639 pounds and the total amount reused was 13,765 pounds. Comparatively, the total weight of computer equipment collected in 2023 was 3,429,080 pounds. Of that collected weight, 3,399,142 pounds were recycled, and 26,255 pounds were reused.

TCEQ allows computer manufacturers to report other electronics collected, in addition to the computer equipment covered under the program. Many computer manufacturers also voluntarily collect other electronics for recycling.

For 2024, manufacturers reported collecting 341,884 pounds of additional non-covered electronics. This number was lower than the 2023 voluntary collection amount of 476,597 pounds. Some of the manufacturers who typically reported voluntary collection weight indicated that they chose not to report additional voluntary collection weight this year, since the electronics were not computer related. The voluntarily reported numbers that include televisions reported under the Texas Recycles TVs program were excluded.

Historical data for the past five years of reporting is reflected in *Chart 2* below.

Chart 2. Annual Computer Report Results



Texans have many opportunities to recycle their computer equipment and other electronics outside of the Texas Recycles Computers program. Collection events coordinated by municipalities, local nonprofit groups, private recyclers, and community-oriented businesses are additional ways Texans can recycle their computers. Since some of the recyclers do not report to TCEQ, the agency’s reported number does not fully represent all recycling activity in Texas.

As in previous years, some reports this year listed zero pounds of computer equipment collected, reused, or recycled. A common reason to report collecting no computer equipment is that the manufacturer is a small business with a clientele limited to surrounding homeowners who do not often buy new equipment. Additionally, in situations where manufacturers' customers are primarily businesses and personal equipment is rarely sold, little or no personal or home business computer equipment was returned for recycling or reuse.

With the rapid advancement of technology, electronics continue to become lighter and more compact. Manufacturers have reported lower total weight of materials collected year over year. A report published in October 2020, [Journal of Industrial Ecology: The evolution of consumer electronic waste in the United States](#), detailed that the total mass of electronic waste has been declining since 2015 with the phaseout of large legacy products like cathode-ray tube (CRT) televisions and computer monitors.¹ Additionally, the reuse market for computer equipment is healthy and less costly than hard to recycle devices such as televisions.

Appendix 1 lists amounts reported by each manufacturer for the 2024 calendar year.

Texas Recycles TVs Program

The weight of television equipment reported as having been collected in 2024 by participating manufacturers was 12,695,588 pounds. Of that collected weight, 12,695,588 pounds were recycled, and zero pounds were reused.

This year, all manufacturers participated in the Market Share option of the television recycling program, in which they are required to collect their assigned market share of television equipment. Of the 23 manufacturers that participated in the program, 22 reported their 2024 collection data and submitted registrations for 2025. One manufacturer reported their 2024 collection data and did not submit a registration for 2025. This manufacturer has been removed from the program.

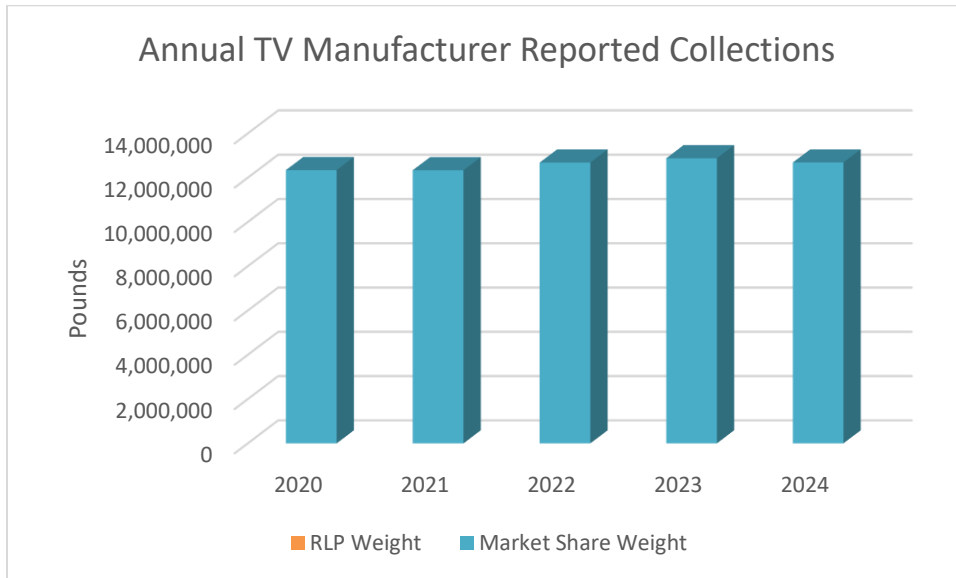
For the 2025 market share allocation, TCEQ calculated the recycling rate for the 23 reporting manufacturers to be 11.55%. Based on this recycling rate, manufacturers were provided their 2025 market share prior to Dec. 1, 2024. Manufacturers are required to collect at least their market share in 2025, as indicated in *Appendix 2*.

As a mechanism to comply with the rules, manufacturers have the option of participating in a Recycling Leadership Program (RLP). Participants in an RLP do not have a market share to collect, but must recycle equipment from a minimum of 200 collection sites, events, or programs available to the public. From 2017-2024, no manufacturers chose to participate in an RLP. However, as market share requirements continue to grow in the future, TCEQ believes the Recycling Leadership Program will prove to be a valuable alternative for compliance under the rule and statute.

Chart 3 shows the weight of television equipment reported as being collected by manufacturers.

¹ Available at onlinelibrary.wiley.com/doi/10.1111/jiec.13074

Chart 3. Annual TV Manufacturer Reported Collections



Appendix 2 lists data reported by each manufacturer. The numbers reflect amounts sold and collected in calendar year 2024. Additionally, the individual market shares are provided. This data was submitted by manufacturers through February 2025. At the time of this report, 25 manufacturers representing 43 brands have submitted complete 2024 reports, with two of those manufacturers submitting new registrations for 2025.

Registered TV Recyclers

Beginning Jan. 31, 2014, television recyclers were required to report the total weight or volume of TVs received, recycled, and disposed of in the preceding calendar year (CY). In CY 2024, Texas TV recyclers received approximately 17.6 million pounds, recycled 17.6 million pounds, and disposed of zero pounds of television equipment. Additionally, one television recycler noted 3,270 pounds of wood casing was generated from projection TV manual breakdown and was not further recycled by the recycler.

Appendix 1 – 2024 Computer Manufacturers’ Reported Amounts

Manufacturer Name	Brand Name(s)	Weight Collected (lbs)	Weight Recycled (lbs)	Weight Reused (lbs)
@Xi Computer Corp	@Xi Computer Xi Computer	0.0	0.0	0.0
Acer America Corporation	Acer View AOPEN Aspire eMachines Gateway GrandPad	300,410.0	300,410.0	0.0
Advanced PC Products Inc	Advanced PC Advanced PC Quasar	50.0	50.0	0.0
Altex Electronics Ltd	Altex Electronics	63,120.0	63,120.0	0.0
Amazon Fulfillment Services Inc	Kindle Fire	34,772.0	23,710.0	11,062.0
Apple Inc	Apple Next	26,597.0	26,597.0	0.0
ASUS Computer International	ASUS	313.0	309.0	4.0
Avinext	Avinext MicroAge SuperMicro	7,858.0	7,858.0	0.0
Azpen Innovation Inc	Azpen	8.0	0.0	8.0
Barnes & Noble	Barnes & Noble NOOK by Barnes & Noble	2.0	2.0	0.0
Bass Computers	Bass Computers Inc	0.0	0.0	0.0
BenQ American Corp	BenQ	0.0	0.0	0.0
Computer Shak Inc	Computer Shak Inc	3,000.0	3,000.0	1,000.0
CTL Inc	CTL	0.0	0.0	0.0
Cyberpower Inc	Cyberpower	0.0	0.0	0.0
Dell Inc	Alienware Dell Wyse	1,193,311.0	1,193,311.0	0.0
DP Audio	Core Innovations	0.0	0.0	0.0

DPI Inc	Zeki	0.0	0.0	0.0
Durabook Americas	Durabook	0.0	0.0	0.0
Dynabook Americas Inc	Dynabook Portege Dynabook TECRA Toshiba	0.0	0.0	0.0
ECP Computers & More	ECP Computers	0.0	0.0	0.0
Element TV Company LP	Element	7.0	7.0	0.0
Elo Touch Solutions Inc	Elo	0.0	0.0	0.0
Envision Peripherals Inc	AOC	0.0	0.0	0.0
Equus Computer Systems Inc	Mirus Nobilis Nobleview VitaMobility	0.0	0.0	0.0
Google Inc	Chromebook Pixel Google Chromebook Pixel C Tablet Project Tango Tablet	130.0	130.0	0.0
Hewlett Packard Company	Apollo Computer Compaq Digital Equipment Corporation (DEC) Hewlet-Packard VooDoo PC	1,500,120.0	1,500,120.0	0.0
HMD America Inc	Nokia	0.0	0.0	0.0
Hyundai Technology Group Inc	Hyundai Technology	0.0	0.0	0.0
iBoss Inc (Phantom Technologies)	iBoss	0.0	0.0	0.0
iBuyPower	iBuyPower	0.0	0.0	0.0
Ingram Micro (V7)	V7	0.0	0.0	0.0
iBoss Inc (Phantom Technologies)	iBoss	0.0	0.0	0.0
iBuyPower	iBuyPower	0.0	0.0	0.0
Ingram Micro (V7)	V7	0.0	0.0	0.0
International Business	IBM	0.0	0.0	0.0

Machines				
International Products Sourcing Group	Powerspec Winbook	54,319.0	54,319.0	0.0
Komputer+ Peripherals Inc	Komputer+	500.0	0.0	500.0
Kyocera International Inc	Kyocera	0.0	0.0	0.0
Lenovo (United States) Inc	Lenovo Medion	269.0	269.0	0.0
LG Electronics USA Inc	Goldstar LG LG Signature Zenith	216,064.0	216,064.0	0.0
LINSAY	LINSAY	57.0	0.0	30.0
Maverick Computer Services	Maverick Computer Services	0.0	0.0	0.0
Microsoft Corporation	Microsoft	29.0	29.0	0.0
MSI Computer Corp	MSI	9.7	9.7	0.0
Naxa Electronics	Naxa	0.0	0.0	0.0
Oracle	Oracle MICROS	0.0	0.0	0.0
Panasonic Corp of North America	Panasonic	0.0	0.0	0.0
Planar Systems Inc	Planar	0.0	0.0	0.0
Premio Inc	Premio	0.0	0.0	0.0
Razer	Razer	0.0	0.0	0.0
Russell Distribution Company LLC	VAIO	0.0	0.0	0.0
Samsung Electronics Co	Samsung Samsung Galaxy Tab 4 Nook Samtron Syncmaster	2,377.2	2,377.2	0.0
SCEPTRE Inc	SCEPTRE	510.0	510.0	0.0
Shuttle Computer Group Inc	Shuttle Computer Group Inc	0.0	0.0	0.0

Sony Electronics Inc	Sony	30.0	30.0	0.0
Targus	Targus	0.0	0.0	0.0
TCT Mobile (US) Inc	Alcatel Alcatel One Touch TCL	0.0	0.0	0.0
ViewSonic Corporation	Cybervision Optiquest Utobia ViewSonic	7.0	7.0	0.0
Vtech Electronics North America LLC	LeapFrog Vtech	0.0	0.0	0.0
Wacom Technology Corporation	Wacom	0.0	0.0	761.1
Walmart Inc	Motile Onn	0.0	0.0	0.0
Westgate Computers	Westgate Computers	3,800.0	3,400.0	400.0
Westinghouse Electronics USA Inc	Westinghouse	0.0	0.0	0.0

Appendix 2 – 2024 TV Manufacturers’ Reported Amounts and 2025 Market Share

Manufacturer	Brands	Sold (lbs)	Collected (lbs)	Recycled (lbs)	Reused (lbs)	Market Share (lbs) Assigned for 2025
Amazon	Amazon Fire TV	**	265,255	265,255	0	**
Best Buy	Insignia Pioneer	107,303,848	746,345	746,345	0	825,942
Curtis International	ProScan	516	7,442	7,442	0	1,764
DP Audio Video, LLC***	Core Innovations DuraPro Durago OrcaTV	13,499	0	0	0	0
DPI Inc	GPX iLive Memorex WeatherX	3,640*	406	406	0	863
Element TV Company	Element	5,661,346	85,912	85,912	0	35,774
EliteLux Technologies	Sansui	2,027,745	5,452	5,452	0	11,391
Funai Corp****	Funai Magnavox Phillips Sanyo	0	276,368	276,368	0	0
Hisense USA	Hisense Toshiba	158,497,945	1,289,318	1,289,318	0	1,593,565
JVC Americas	JVC	675,659	6,983	6,983		16,465
LG Electronics	LG Zenith Goldstar LG Signature	177,647,655.79	2,162,864	2,162,864	0	2,125,320

Lippert Components	Furrion	520,608	5,345	5,345	0	4,816
Naxa	Naxa Emerson	9,232	42	42	0	39
Panasonic***	Panasonic	446,793	0	0	0	0
Peerless Industries	Peerless-AV	16,086*	1,910	1,910	0	1,819
Roku Inc	Roku	21,067,659	0	0	0	34,543
Samsung Electronics	Samsung	332,647,493	4,229,627	4,229,627	0	3,638,135
Sceptre Inc	Komodo oCosmo Sceptre	623,662	16,877	16,877	0	7,172
Skyworth USA	Skyworth Phillips	16,088,925	14,264	14,264	0	356,614
Sony Electronics	Sony	57,817,997	718,707	718,707	0	533,544
Sunbrite TV	Sunbrite TV	5,892*	10,220	10,220	0	3,953
TTE Technology	TCL	**	1,111,283	1,111,283	0	**
VIZIO Inc	VIZIO	**	993,330	993,330	0	**
Walmart Inc	Onn	219,915,504	705,823	705,823	0	1,242,297
Westinghouse Electronics USA Inc	Westinghouse	8,925,121	41,806	41,806	0	76,924

*In accordance with [30 TAC, Section 328.171](#), manufacturers may report weight sold in Texas or nationally. This manufacturer reported weight sold in Texas.

**Some manufacturers have marked their sales data as confidential and proprietary, in accordance with [30 TAC Section 328.189](#).

***Manufacturer submitted new registration for 2025.

****Manufacturer did not submit a registration for 2025 and has been removed from the program. The Phillips brand is now covered under Skyworth USA.

2024 TV Manufacturers Participating Under the Texas Recycles Computers Program

Manufacturer	Brands
Viewsonic Corporation	Viewsonic