E-cycling in Wisconsin, by the numbers

E-cycling in Wisconsin, by the numbers

E-waste
Wisconsin households are using and storing millions of electronics

There are approximately 8.1 million TVs, 8.2 million computers and 10 million cellphones in Wisconsin homes. Many of these devices are unused and ready for disposal.

If you lined up all the unused computers stored in Wisconsin households, they would stretch from Madison to Nashville.

Of the 26.3 million devices in Wisconsin homes, 9.3 million are unused.

From 2013 to 2018, there was a 53% increase in the number of unused cellphones in Wisconsin households.

Each icon = 1 million device

Recycling electronics saves energy, water and tons of materials

Recycling 1 million laptops saves the energy required to power 3,637 U.S. homes for a year.

The steel, aluminum and plastic in electronics can easily be reused to make new materials. Each electronic device also contains small amounts of precious metals.

For every 1 million cellphones we recycle, 35,000 pounds of copper, 772 pounds of silver, 75 pounds of gold and 33 pounds of palladium can be recovered.

Many electronics also contain hazardous materials such as lead, mercury and batteries that must be handled safely to protect human health and the environment.

Where electronics go for recycling

More than 99 percent, by weight, of the electronics collected under E-Cycle Wisconsin are initially processed in Wisconsin or other Midwestern states—which has contributed to job growth in the regional recycling industry.

E-Cycle Wisconsin helps support a network of private businesses, non-profits and governments that provide collection sites to the public.

E-Cycle Wisconsin collection sites

We have recycled more than 50 pounds of electronics per Wisconsin resident through E-Cycle Wisconsin since 2010.

1st year of program

309

4th year of program, highest number of collectors

691

9th year of program

522

E-Cycling
Recycling electronics saves energy, water and tons of materials

The steel, aluminum and plastic in electronics can easily be reused to make new materials. Each electronic device also contains small amounts of precious metals.

For every 1 million cellphones we recycle, 35,000 pounds of copper, 772 pounds of silver, 75 pounds of gold and 33 pounds of palladium can be recovered.

Many electronics also contain hazardous materials such as lead, mercury and batteries that must be handled safely to protect human health and the environment.

Why some people don’t e-cycle

In a 2018 DNR survey, Wisconsin residents cited several barriers to recycling electronics. Not knowing where or how to do so and cost were the most frequent responses.

Stats on where/how Wisconsinites place their electronics

68% of Wisconsinites stated they had placed electronics in the trash.

35% answered they had reused or recycled old electronics rather than place them in the trash.

18% answered they had donated to charity.

13% said they had given away.

9% sold.

8% recycled/returned to retailer

6% put in trash

E-Cycle Wisconsin helps support a network of private businesses, non-profits and governments that provide collection sites to the public.

Why some people don’t e-cycle

In a 2018 DNR survey, Wisconsin residents cited several barriers to recycling electronics. Not knowing where or how to do so and cost were the most frequent responses.

Stats on where/how Wisconsinites place their electronics

68% of Wisconsinites stated they had placed electronics in the trash.

35% answered they had reused or recycled old electronics rather than place them in the trash.

18% answered they had donated to charity.

13% said they had given away.

9% sold.

8% recycled/returned to retailer

6% put in trash

Wisconsin has an electronics recycling law to increase the amount of electronics recycled and to make recycling easier for consumers. The law makes it illegal to put many electronics in the trash and requires electronics manufacturers to help cover the cost of responsible recycling. E-Cycle Wisconsin, the manufacturer-funded electronics recycling program set up by the law, has had many successes since it began in 2010, but there is still work to do.

E-Cycle Wisconsin has made recycling more convenient and supports local recycling businesses

More than 300 million pounds of electronics have been recycled through E-Cycle Wisconsin since the program began in January 2010.

Computer disposal choices in 2018

Donated to charity

Gave away

Sold

Recycled/returned to retailer

Put in trash

Most Wisconsinites are making good disposal choices—choosing to reuse or recycled old electronics rather than place them in the trash.

Challenges

Wisconsinites still have much to learn about e-cycling

Six out of every 10 Wisconsinites still think that electronics can go in the trash.

Responsible recycling has a cost

29% of Wisconsinites do not want to pay anything to recycle electronics.

87% of E-Cycle Wisconsin collectors charge a fee to accept some types of electronics.

This disconnect can lead to illegal dumping.

You can help take e-cycling further...

✓ Take old electronics to a registered collector or use a mail-back program for recycling.
✓ Visit dnr.wi.gov and search “e-cycle” to find a collection site or mail-back program.
✓ If necessary, pay a small fee to ensure proper recycling.
✓ Tell your friends and family about E-Cycle Wisconsin.

You can help take e-cycling further...

✓ Take old electronics to a registered collector or use a mail-back program for recycling.
✓ Visit dnr.wi.gov and search “e-cycle” to find a collection site or mail-back program.
✓ If necessary, pay a small fee to ensure proper recycling.
✓ Tell your friends and family about E-Cycle Wisconsin.

Successes

E-cycle Wisconsin has made recycling more convenient and supports local recycling businesses

More than 300 million pounds of electronics have been recycled through E-Cycle Wisconsin since the program began in January 2010.

Computer disposal choices in 2018

Donated to charity

Gave away

Sold

Recycled/returned to retailer

Put in trash

Most Wisconsinites are making good disposal choices—choosing to reuse or recycled old electronics rather than place them in the trash.

Challenges

Wisconsinites still have much to learn about e-cycling

Six out of every 10 Wisconsinites still think that electronics can go in the trash.

Responsible recycling has a cost

29% of Wisconsinites do not want to pay anything to recycle electronics.

87% of E-Cycle Wisconsin collectors charge a fee to accept some types of electronics.

This disconnect can lead to illegal dumping.

You can help take e-cycling further...

✓ Take old electronics to a registered collector or use a mail-back program for recycling.
✓ Visit dnr.wi.gov and search “e-cycle” to find a collection site or mail-back program.
✓ If necessary, pay a small fee to ensure proper recycling.
✓ Tell your friends and family about E-Cycle Wisconsin.

Wisconsin has an electronics recycling law to increase the amount of electronics recycled and to make recycling easier for consumers. The law makes it illegal to put many electronics in the trash and requires electronics manufacturers to help cover the cost of responsible recycling. E-Cycle Wisconsin, the manufacturer-funded electronics recycling program set up by the law, has had many successes since it began in 2010, but there is still work to do.

E-Cycle Wisconsin has made recycling more convenient and supports local recycling businesses

More than 300 million pounds of electronics have been recycled through E-Cycle Wisconsin since the program began in January 2010.

Computer disposal choices in 2018

Donated to charity

Gave away

Sold

Recycled/returned to retailer

Put in trash

Most Wisconsinites are making good disposal choices—choosing to reuse or recycled old electronics rather than place them in the trash.

Challenges

Wisconsinites still have much to learn about e-cycling

Six out of every 10 Wisconsinites still think that electronics can go in the trash.

Responsible recycling has a cost

29% of Wisconsinites do not want to pay anything to recycle electronics.

87% of E-Cycle Wisconsin collectors charge a fee to accept some types of electronics.

This disconnect can lead to illegal dumping.

You can help take e-cycling further...

✓ Take old electronics to a registered collector or use a mail-back program for recycling.
✓ Visit dnr.wi.gov and search “e-cycle” to find a collection site or mail-back program.
✓ If necessary, pay a small fee to ensure proper recycling.
✓ Tell your friends and family about E-Cycle Wisconsin.

Wisconsin has an electronics recycling law to increase the amount of electronics recycled and to make recycling easier for consumers. The law makes it illegal to put many electronics in the trash and requires electronics manufacturers to help cover the cost of responsible recycling. E-Cycle Wisconsin, the manufacturer-funded electronics recycling program set up by the law, has had many successes since it began in 2010, but there is still work to do.

E-Cycle Wisconsin has made recycling more convenient and supports local recycling businesses