

*kgs. recovered per capita; **cost per kg. recovered

Tire Suppliers' Recycling Role

When Albertans get new tires, they usually leave their old ones behind. They can because 3,100 vehicle and tire dealers and auto repair shops play a dual role – selling new tires and making sure the old scrap tires you leave behind are collected for recycling at Alberta facilities.

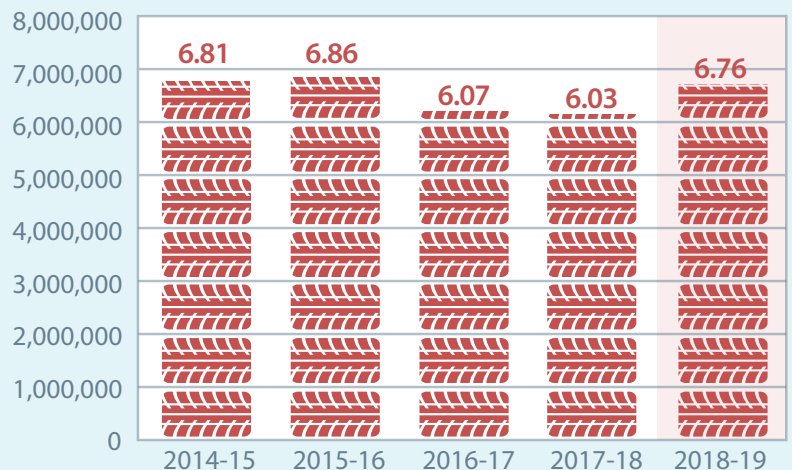


RECYCLING RESULTS

The chart presents results over the last four years, with preliminary results for 2018-19 (final amount to be reported in fall 2019).

In 2018-19, sales of new tires began to recover from the lower levels seen in the two years prior. Increased sales of new tires results in rebounding recycling volumes as scrap tires are collected and recycled.

Number of tires recycled



ALBERTANS ARE GETTING GREAT MILEAGE FROM THEIR TIRE RECYCLING PROGRAM WITH \$12.6 MILLION IN GRANTS

Across the province you will find recycled tire products in 590 Municipal Demonstration Grant Projects such as playgrounds, arenas, outdoor fitness areas and walking trails.

Additionally 145 Indigenous communities and municipalities have received funding to upgrade their tire collection areas located at landfills and transfer stations.



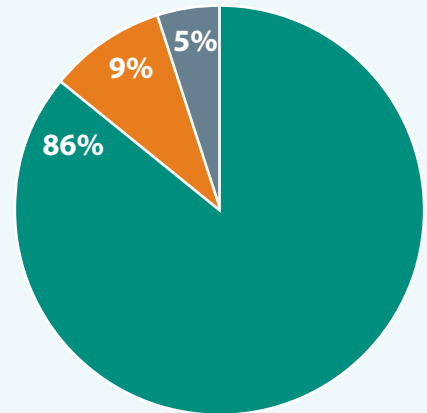
ALBERTANS SUPPORT THE TIRE RECYCLING PROGRAM

Every year Albertans are polled to measure support for both the Program and the environmental fees charged on the sale of new tires. This year results indicate Program support remains strong. While support for the fees has dropped by 1%, it remains the highest of the three recycling programs. Follow us on Facebook and Instagram (@albertarecycling) and post a photo of a grant project in your community!

Year	Support for program	Support for environmental fees
2014	86%	61%
2015	90%	60%
2016	86%	64%
2017	87%	61%
2018	83%	60%



How the fees are used







- **Recycling Expenditures 86%**
(Collection and recycling of tires)
- **Administration 9%**
(Program management)
- **Recycling Development 5%**
(R&D; Program awareness)




ENVIRONMENTAL FEES AT WORK

The environmental fees paid on the purchase of new tires are used to help fund tire collection and recycling along with other Program-related costs (see pie chart). There are 3,100 businesses (Suppliers) registered with Alberta Recycling to ensure that the fees are remitted on every eligible tire sold in Alberta.

Alberta Recycling values the commitment of these Suppliers who diligently remit the fees for the recycling of scrap tires.

	CAR AND LIGHT TRUCK TIRES (e.g. spares, sport and cross-over utility vehicles)	\$4/tire
	SPECIALTY, INDUSTRIAL AND OTHER TIRES (e.g. trailer, ATV, dirt bike, ATV, forklift, small loaders, skid-steers)	\$4/tire
	MEDIUM TRUCK TIRES (e.g. large commercial freight trucks and passenger buses)	\$9/tire
	OFF-THE-ROAD TIRES (e.g. equipment used in construction, road building, forestry mining etc.)	\$40, \$100, or \$200/tire depending on rim size

This chart breaks out the amount of tires processed by type for the past three years. Tires vary in size and weight, therefore a standardized unit is applied to present the results, using a passenger-tire-equivalent (PTE) of one PTE equalling 10 kgs. There is 100 PTEs in one tonne of tires. The results for 2018-19 are preliminary and the final amount will be reported in the fall 2019.

Year	 Passenger, Light Truck, Specialty, Industrial & Other Tires (PTE)	 Medium Truck Tires (PTE)	 Off-the-Road Tires (PTE)
2016-17 Result	3,467,900	2,150,200	448,500
2017-18 Result	3,761,700	2,035,400	236,200
2018-19 Result	4,039,300	2,198,700	523,000

ENVIRONMENTAL STANDARDS FOR RECYCLERS

A goal of the Tire Program is to ensure all scrap tires are collected and processed by registered Recyclers in an environmentally and socially responsible manner. Monthly inspections by Alberta Recycling and an environmental audit by external experts every three years, confirm if the Recyclers are following the requirements of the Program.



WHAT HAPPENS TO YOUR SCRAP TIRES



Two registered recyclers coordinate the collection of scrap tires from **3,100 vehicle and tire dealers, auto repair shops and 344 recycling depots.**

Since 2002 4-H clubs have partnered with Alberta Recycling to clean up rural areas, collecting 1.08 million tires for which they have received funding per unit.



Stage one: tires are shred into large pieces for use as tire-derived aggregate (TDA). The steel and fibre are still embedded.

Application: TDA is applied in place of washed rock (a limited and non-renewable commodity), as drainage material for leachate collection in municipal landfills.



Stage two: shred is ground to make mulch, with the steel removed.

Application: landscaping.



Stage three: tires are processed into crumb with the steel and fibre removed.

Application: top-dressing in sports fields or as feedstock for playground surfacing and molded products.

Alberta Recycling is a not-for-profit association responsible for managing Alberta's Tire, Electronics, Paint and Used Oil Materials Recycling Programs. The organization is run by a Board of Directors representing various stakeholder groups and is accountable to the Minister of Environment and Parks.

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electronics



paint



tires



used oil



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