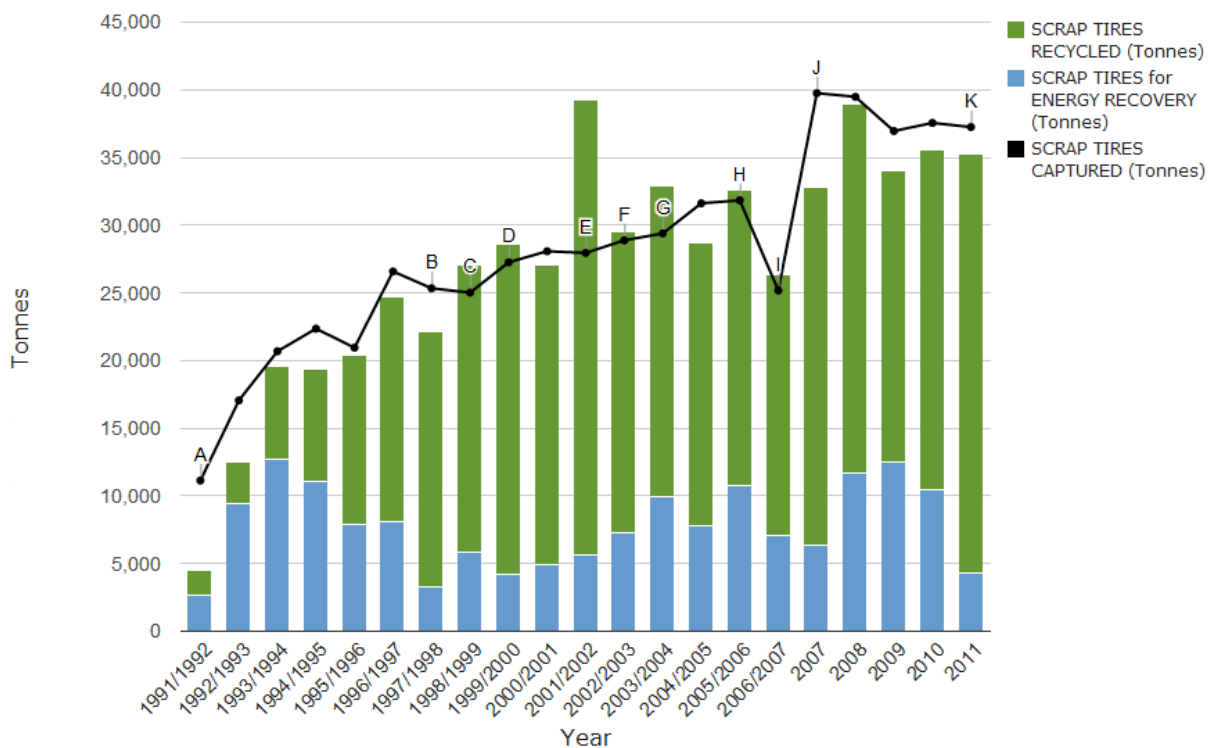




Trends in BC Scrap Tire Recycling through Industry-led Product Stewardship (1991-2011)

- Since 2007, over 190,000 tonnes of scrap tires have been diverted from landfills and the environment.
- 190,000 tonnes of scrap tires is equivalent to about 19 million scrap car tires (1 tonne ≈ 100 passenger-sized car tires).
- The number of scrap tires entering the recycling stream has declined slightly in the past few years, reflecting the increased number of ‘in-use’ tires (e.g. snow tires in storage, lengthened road life of tires).
- Since 2000, 75% of all processed scrap tires have been recycled into crumb rubber to manufacture new products, such as playground surfaces, turf fields, running tracks, and landscape mulch. The remaining 25% were used for energy recovery (e.g. industrial process fuel supplement).
- 98% of BC scrap tires are processed in British Columbia.
- The industry-led tire recycling program supports the equivalent of 122 full-time jobs in BC¹.



Notes: The 1991/92 reporting numbers reflect the first 9 months (June 1991 to March 1992) of the BC tire recycling program; in some years, the amount of processed tires exceeded the amount of collected tires because tires temporarily stored from previous collection years were also recycled or used for energy recovery in that year; the reporting numbers for 2006/07 reflect only the final 9 months of 2006 due to the transition from the government run FIRST program to the industry-led product stewardship model. Sources: Tire Stewardship BC and BC Ministry of Environment.

A short history of the BC scrap tire recycling program:

- 1991 The BC government launched the first tire recycling program, Financial Incentives for Recycling Scrap Tires (FIRST) in North America. (A)
- 1997 Industry-led Product Stewardship programs began in BC. Industry-led Product Stewardship is a government strategy to place the responsibility for end of life product management on the producer and consumers of a product and not the general taxpayer or local government. (B)
- 2006 BC Ministry of Environment added tires to the Recycling Regulation. (I)
- 2007 [Tire Stewardship BC](#), a not for profit society, launched the new scrap tire recycling program replacing the government-run program that had been in place since 1991. (J)
- 2011 BC's tire recycling program, through Industry-led product stewardship, reached its 20th birthday. (K)

References and other useful links

To learn more about the tire recycling in BC visit the [Tire Stewardship BC](#).

To learn about other product stewardship programs in B.C. visit [B.C. Environment: Product Stewardship](#).

¹ Pinfold, G. (2008) Economic Impacts of the BC Recycling Regulation. BC Ministry of Environment. Available at <http://www2.gov.bc.ca/assets/gov/environment/waste-management/recycling/recycle/rel-res/econimpactsrecyclereg.pdf> (Accessed 30 March 2012).

Data

*By accessing these datasets, you agree to the license associated with each file, as indicated in parentheses below.

[Chart data: BC FIRST tire recycling reporting data 1991-2006](#) (License: [BC OGL](#))

[Chart data: TSBC tire recycling reporting data 2007-2011](#) (License: [BC Crown Copyright](#))

Published and Available On-Line at Environmental Reporting BC (October 2012):
<http://www.env.gov.bc.ca/soe/indicators/sustainability/tire-recycling.html>

