

## The Facts

- PET is globally recognized as a safe, recyclable packaging material. PET does not contain bisphenol-A (BPA).
- In Canada, PET container recycling rates range from 60–80% depending on the province.
- In Toronto, single-use PET bottles comprise less than 1% of the city's municipal solid waste. Every year, Toronto recycles about 3600 tonnes of single-use PET bottles, of which 30% are water bottles.
- Plastic makes up about 12% of all the municipal solid waste generated in the United States.
- In the United States, 31% of PET plastic soft drink bottles are recycled.
- On average, it takes 70% less energy to produce a product from recycled plastic than from raw materials.
- Recycling 1 tonne of PET bottles saves the energy equivalent of 318 gallons (1203 liters) of gasoline.
- In 1989, 500 ml water bottles were composed of 24 grams of PET resin. Today, less than 10 grams of PET are used in 500 ml water bottles.
- PET and HDPE bottles comprise 95.8% of the plastic bottle market and 99.1% of the bottles recycled.

Figures above are courtesy of the Environmental Protection Agency (EPA), National Association for PET Container Resources (NAPCOR), Kansas Department of Health and Environment, Baltimore County Department of Environmental Works, American Chemistry Council (ACC), Stewardship Ontario, Alberta Beverage Container Recycling Corporation and Encorp Pacific.

## Recycling PET by the Numbers

- 5** Number of PET bottles needed to provide enough fiber to make one extra large T-shirt or fill one ski jacket with insulation
- 15** Percent of recycled PET used for plastic cords or strapping
- 21** Percent of recycled PET used to make new plastic containers
- 50** Percent of all polyester carpet made in the United States is from recycled PET
- 54** Percent of recycled PET used to manufacture fiber for carpet and clothing
- 100** Percent of PET that is recyclable

Figures above are courtesy of the National Recycling Coalition (NRC), American Chemistry Council (ACC) and Kansas Department of Health and Environment.

Husky's guide to

# PET Bottles



facts on PET

For additional information about recycling plastics, please visit the recycling page of the Facts on PET website at:

[www.factsonpet.com](http://www.factsonpet.com)

There you can find useful information and links to websites that will help you get started or expand your current recycling efforts.

## Facts on PET

Polyethylene terephthalate or PET (also known as PETE) is one of the most common types of plastic.

Most single-serve plastic bottles, including those for water, soft drinks and juices, are made with PET. Designated by the recycling code "1," PET is globally recognized as a safe, recyclable packaging material.

In April 2008, Husky began the Facts on PET campaign. Facts on PET is a coordinated effort to provide educational information on PET and encourage better consumer recycling habits. We support initiatives that increase the recycling rate of PET and other recyclable products. Recycling is an important step towards creating a better environment today and for future generations. Husky technologies create lighter PET packaging that requires less resources and incorporates more recycled material.

Please join us in our mission to increase plastics recycling!

## Your Modern PET Bottle

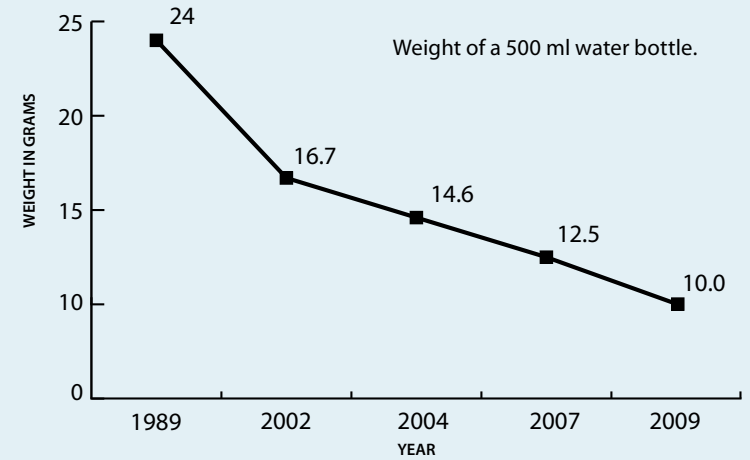
- The National Recycling Coalition cites PET as one of the top materials for food containers because it is 100% recyclable
- Husky strongly encourages recycling of PET bottles because PET can be turned back into new containers, as well as fleece coats, clothing, pillows, carpets and a variety of other consumer products
- Modern PET bottles are not only recyclable but also use fewer resources than ever before. In many cases, bottles also require less energy and generate fewer greenhouse gas emissions than other popular packaging alternatives, such as glass and aluminum



## The Environmental Packaging Material

According to a recent Life Cycle Analysis (LCA) study performed in conjunction with Allied Development Corporation, PET packaging for a carbonated soft drink had a better environmental profile than aluminum cans and glass bottles. The study compared the North American best-in-class packaging for 355 ml (12 oz) containers and measured both greenhouse gas emissions and energy consumption associated with each step of production, from the raw materials to the store shelf. In this analysis, PET bottles had the lowest greenhouse gas emissions and energy demand of all three options.

## PET Water Bottles are Getting Lighter and Lighter



## Know Your Plastics

Most plastic containers are labeled with a recycling code, a single digit ranging from 1 to 7, that helps recyclers sort the different kinds of plastics in the market. You can use the system to identify what kind of plastic can be recycled in your area.

Symbol	Type of Material
	Polyethylene terephthalate (PET or PETE)
	High density polyethylene (HDPE)
	Polyvinyl chloride (V or Vinyl or PVC)
	Low density polyethylene (LDPE)
	Polypropylene (PP)
	Polystyrene (PS)
	Other (polycarbonate, bioresins, etc.)

## Get Involved

Recycling is an important step towards improving the environment and reducing our carbon footprint. Facts on PET encourages you to recycle all eligible products at home, in the office and throughout your community. The National Association for PET Container Resources (NAPCOR) suggests the following steps to implement better recycling practices.

- Learn how to identify the recyclable materials you throw away and teach everyone in your family or organization how to locate recycling codes
- Get your clubs and organizations involved. Make sure there is access to a recycling bin and coordinate with your waste service provider to recycle as much as possible
- If recycling is not available in your neighborhood, contact your waste service provider and local government to show your support for services.

