

# Paper & Aluminum

Washington's Recyclables

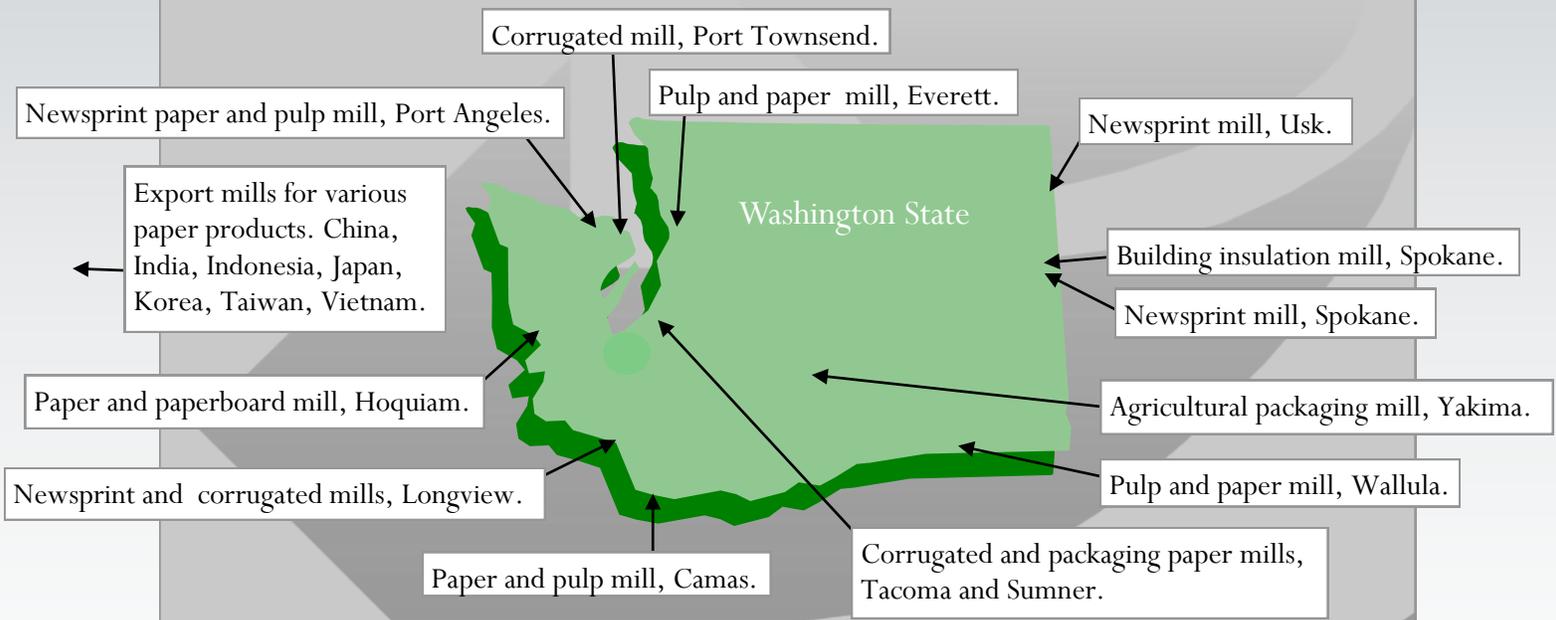
## Recovered Paper

Paper is collected through a combination of residential and commercial recycling systems. Recovered paper is sorted into different grades, processed, and sold to domestic and export paper mills.



The recovered paper is pulped by blending it with water and chemicals. The pulp is processed to remove contaminants and in some cases de-inked. New paper is manufactured by spraying pulp over a rotating screen on a paper machine, pressed, and dried to make new rolls of paper.

Recovered paper is made into new products, such as corrugated boxes, paper bags, newsprint, printing and writing papers, tissue and towel products, paperboard packaging, and many specialty products like insulation, ceiling tile, and paper plates.



Map sources: Lockwood-Post Directory of Pulp and Paper Mills; Washington State Dept. of Ecology.



presented by the WSRA  
Education Committee.



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*The Recycling Connection*

## Aluminum

Using recycled material in new aluminum beverage cans uses 95 percent less energy and emits 95 percent less greenhouse gases than manufacturing cans from virgin materials.



Source: Can Manufacturers Institute

With the amount of aluminum cans recycled in Washington State in 2009, we saved enough energy to provide a year's worth of electricity for both the cities of Yakima and Snohomish.

Source: Washington State Dept. of Ecology



Aluminum is used in the following industries:

- Transportation
- Building and Construction
- Beverage Can and Other Packaging

The aluminum from an aluminum can, when recycled can be back on the shelf in as little as 60 days, and 34 cans can be made from just one pound of aluminum.

Source: The Aluminum Association

Recycling one aluminum can saves enough energy to run a television for three hours.

Source: Can Manufacturers Institute

Visit these websites for more information on “buying recycled.”

- Recycled-Content Product Directory — [www.ciwmb.ca.gov/RCP/](http://www.ciwmb.ca.gov/RCP/)
- American Forestry and Paper Association — [www.afandpa.org](http://www.afandpa.org)
- The Institute of Scrap Recycling Industries — [www.isri.org](http://www.isri.org)
- The Aluminum Association — [www.aluminum.org](http://www.aluminum.org)
- Can Manufacturers Institute — [www.cancentral.com/funFacts.cfm](http://www.cancentral.com/funFacts.cfm)
- Energy Information Administration, U.S. Dept. of Energy — [www.eia.doe.gov](http://www.eia.doe.gov)