



WASHINGTON'S RECYCLABLES

Construction & Demolition Debris

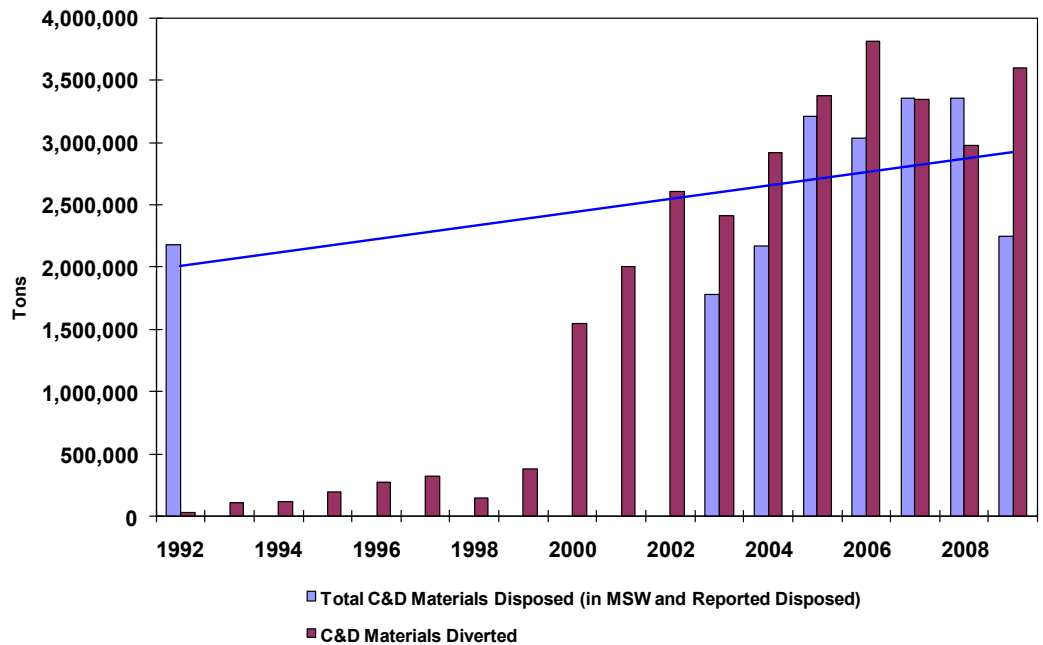
Construction and demolition (C&D) debris made up more than 39 percent of all the waste generated in Washington in 2009. (Washington State Department of Ecology.)

C&D wastes consist mainly of wood, concrete, gypsum, roofing, glass, carpet and carpet pad, metals, asphalt, bricks, and porcelain.

Construction & Demolition Debris Recycled & Disposed in Washington

Products made from Recycled C&D material:

- ✦ Composite lumber
- ✦ Countertops
- ✦ Aggregate for Asphalt and Concrete
- ✦ Roofing
- ✦ Siding
- ✦ Floor coverings



In 2009, Washington recovered 62 percent of the C&D debris for recycling and disposed 38 percent in landfills and incinerators. This represents 3.6 million tons of material that was reused, recycled, or converted to energy rather than dumped in a landfill. We still disposed over 2.2 million tons of C&D material in just that year. (Washington State Department of Ecology.)



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Benefits of recycling Construction & Demolition (C&D) debris:

- Creates jobs — Jobs created for every 15,000 tons of waste: Recycling – 9, Landfill — 1, Incineration – 2. (Institution Recycling Network.)
- Strengthens economy — Job creation, business opportunities, local materials, costs less than disposal.
- Reduces landfill space.
- Retains valuable resources.
- Saves energy and water.
- Reduces air and water pollution — Recycling one ton of used carpet into new carpet or other products, such as automobile body parts, reduces greenhouse gas (GHG) emissions by over 8,300 pounds of carbon dioxide equivalents (eCO₂). (Sound Resource Management.)

C&D recycling collection:

- * Some C&D materials are sorted at job sites into material categories, such as wood, gypsum, concrete, and roofing.
- * Some job sites collect all the material together in containers, which are hauled away to recycling facilities for sorting.
- * The Department of Ecology has information on companies that collect C&D debris for recycling. For a list of these companies, see the 1-800-RECYCLE website at <http://1800recycle.wa.gov/>.

Visit these websites for more information on C&D debris recycling:

- ◆ EPA Construction & Demolition Materials - www.epa.gov/epaoswer/non-hw/debris-new/recycle.htm
- ◆ King County Solid Waste Division: Construction Recycling - www.metrokc.gov/dnrp/swd/greenbuilding/construction-recycling/index.asp
- ◆ Construction and Demolition Recycling Magazine - www.cdrecycler.com/magazine/
- ◆ Construction & Materials Recycling Association - www.cdrecycling.org

