

**Estimated Construction and Demolition Debris Disposal in Ohio in 2003  
by State of Origin**

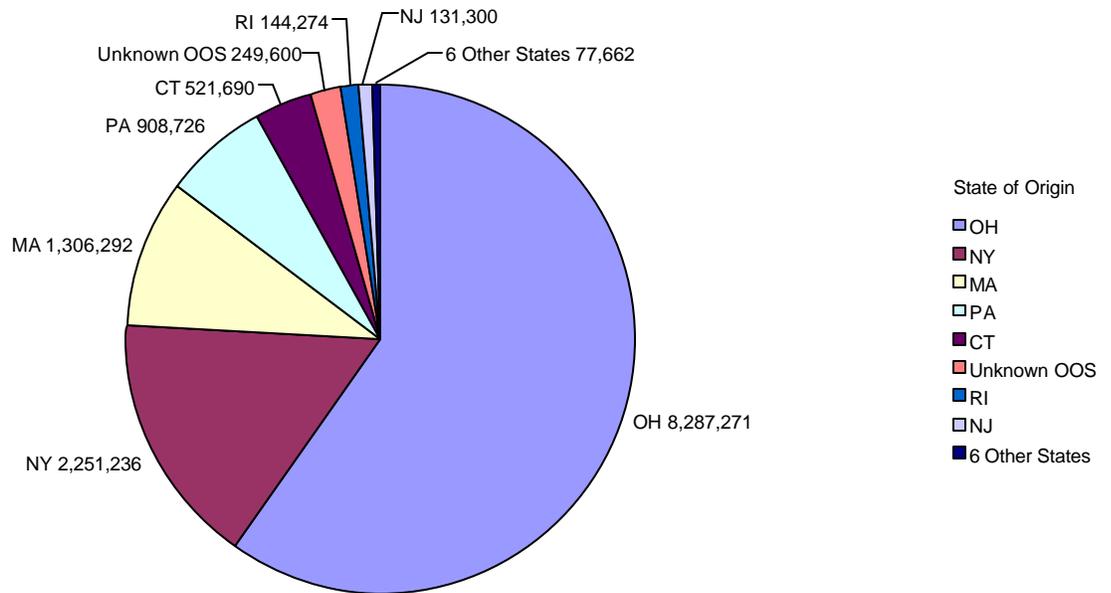
Estimated waste disposed at licensed construction and demolition debris facilities in Ohio

Ohio .....	8,287,271 Cubic Yards
New York .....	2,251,236 Cubic Yards
Massachusetts.....	1,306,292 Cubic Yards
Pennsylvania .....	908,726 Cubic Yards
Connecticut .....	521,690 Cubic Yards
Unknown Out-of-State.....	249,600 Cubic Yards
Rhode Island.....	144,274 Cubic Yards
New Jersey .....	131,300 Cubic Yards
6 Other States .....	77,622 Cubic Yards
<b>Total Estimated Disposal .....</b>	<b>13,878,051 Cubic Yards</b>

Estimate based on a sampling of waste receipts during the fall of 2003 at selected licensed Construction and Demolition Debris facilities in Ohio. This estimate may be revised periodically. For information on the methodology of the estimate, contact Ohio EPA, Division of Solid and Infectious Waste Management.

## Estimated Disposal of Construction & Demolition Debris (C&DD) at Licensed C&DD Facilities in Ohio in 2003

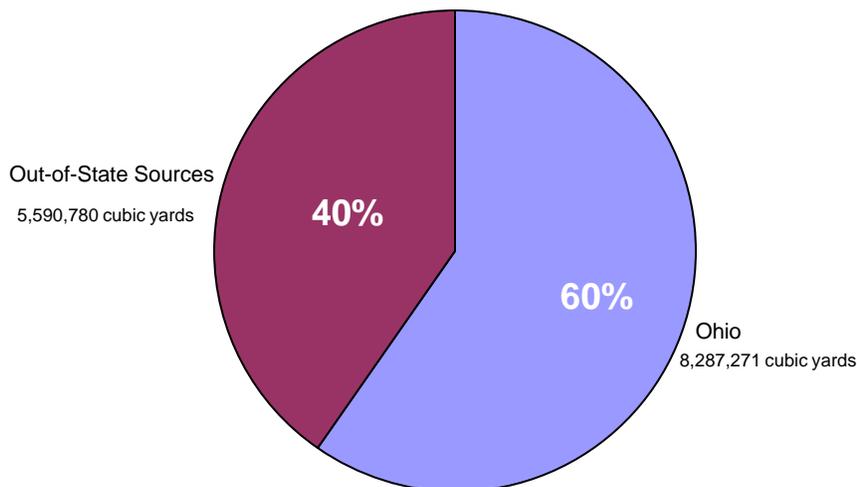
(All Estimates in Cubic Yards)



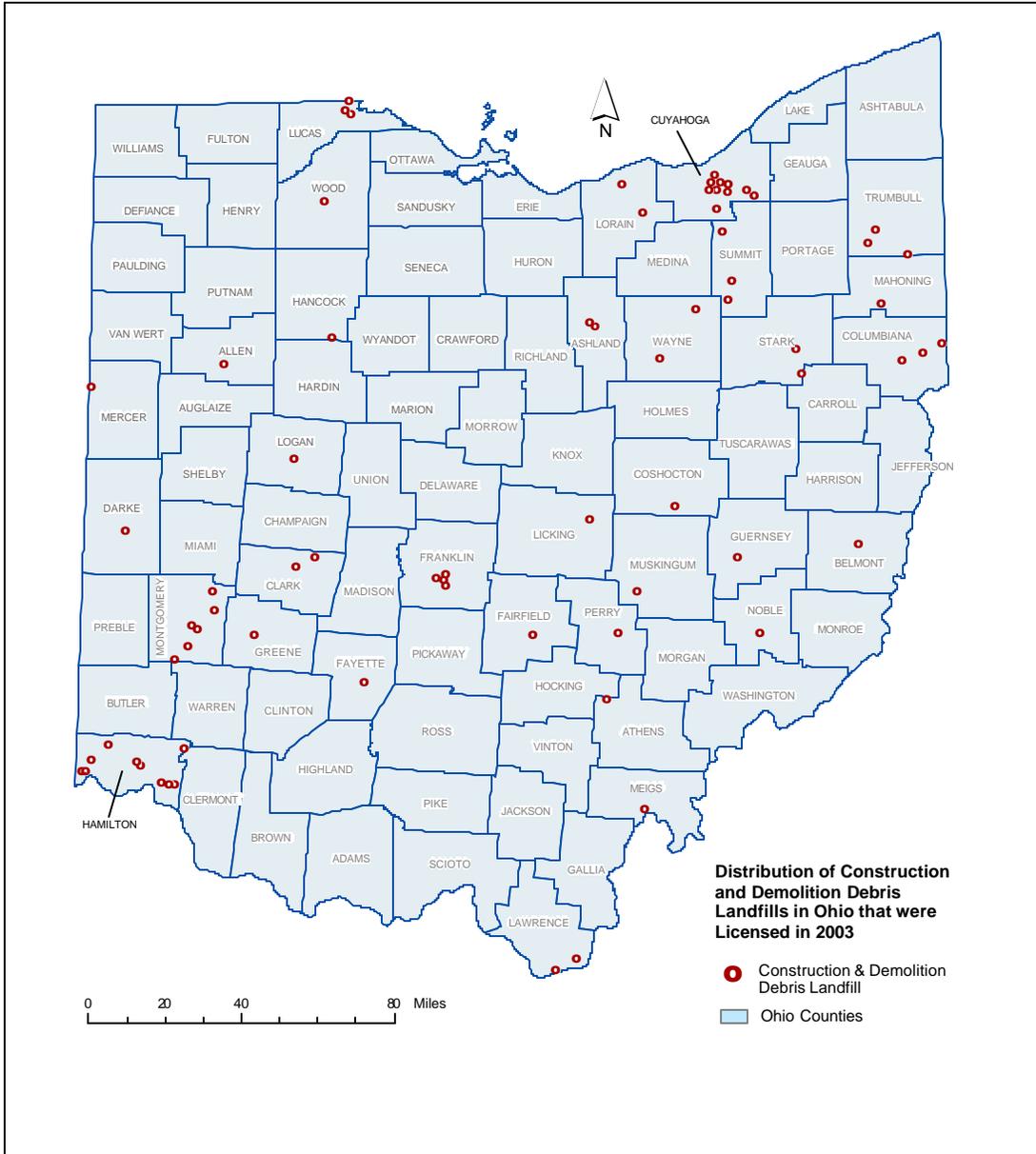
Estimated Total Amount Disposed in C&DD Facilities in Ohio in 2003: 13,878,051 Cubic Yards

### Estimated C&DD Disposal

Percent In-state versus Out-of-State



Estimated Total Amount Disposed in C&DD Facilities in Ohio in 2003: 13,878,051 Cubic Yards



Ohio C&DD Disposal Estimate  
Ohio EPA Methodology Notes

- Estimate based on sampling of daily logs from 51 out of 73 facilities that were licensed in 2003. (9 licensed facilities did not operate during the year, leaving 13 operating facilities for which no data was available.) Effort was made to gather data from all of the large facilities and those that received significant amounts of out-of-state waste. We believe that many of 13 facilities not represented are small facilities.
- Daily logs collected for 1 - 3 week period (two weeks of logs typically). Time period ranged from September to December 2003. In a few instances monthly and/or yearly totals were used.
- Most data was recorded in cubic yards. In those instances where tonnages were recorded, we converted to cubic yards using a 2:1 ratio (cubic yards to tons).
- Utilized daily totals by state of origin. Assumed all waste received was C&DD. In some instances a few individual loads were identified as something other than C&DD, such as “brush” or “soil”. No effort was made to back these loads out of the daily totals.
- Based on the daily totals by state of origin, weekly averages were calculated for each facility. (Partial weeks were eliminated if one or more full weeks were available.) Based on these weekly averages (for each state of origin), an extrapolation was made for the entire year (multiplying the weekly average amount for each state of origin by 52 weeks).
- Based on the extrapolated totals for each facility by state of origin, statewide estimates were calculated for total amount disposed, by state of origin, at the facilities for which data was available.
- An estimate was made for the 13 operating facilities for which no data was available. No data was available for the facilities licensed in Clark (2 facilities), Hamilton (8 facilities), and Darke Counties (1 facility). For these facilities, an estimate was made based on a per capita disposal average calculated from the annual estimates for each county for which data was available (1.52 cy per person). For the 2 facilities in Cuyahoga County for which we didn't have data, an estimate was made based on the annual per facility average from the other 8 facilities in Cuyahoga County for which data was available (our judgement was that using the per capita methodology for Cuyahoga County would have understated their total disposal, based on the data from the 8 facilities for which data was available).
- No adjustment was made for seasonality. The sample data came from the fall, presumably neither the height nor low point of the construction season. This assumption should be revisited or verified at some point.
- Estimates only apply to C&DD disposed in C&DD facilities. It does not account for C&DD disposed in solid waste landfills. An attempt will be made to estimate this figure in the future.