

Analysis of MSW Landfill Tipping Fees

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Original version appeared on Waste360.com. This version contains additional analyses not previously published.

The Environmental Research and Education Foundation (EREF) maintains a database of 1,637 active Subtitle D MSW landfills across the U.S. This database was used to develop a sample consisting of nearly 300 landfills that were categorized as large, medium and small. Large landfills process an average of 744,000 tons/year, while medium and small landfills process 144,000 tons/year and 13,000 tons/year, respectively. Landfill owners in this sample were then contacted and asked to provide gate rate information on their tip fees. Of those contacted, 117 landfills reported their tip fee information, giving a response rate of roughly 40%.

The data were then compiled by geographic region and basic statistical information computed. The data show a national tip fee average of \$48.27/ton. However, there was substantial variation given the lowest and highest average state tip fees were \$14.47 to \$119.50, respectively (Table 1). On average, lowest tip fees tended to be in the South Central region of the U.S. while the highest were in the Pacific region (Figure 1). Regions, and the states contained therein, are denoted in Table 1. Landfill size did not consistently correlate to higher or lower tip fees within states. National averages for large, medium, and small landfills were \$48.65/ton, \$47.96/ton, and \$49.79/ton respectively.

Figure 1. Average Landfill Tip Fees, by U.S. Region

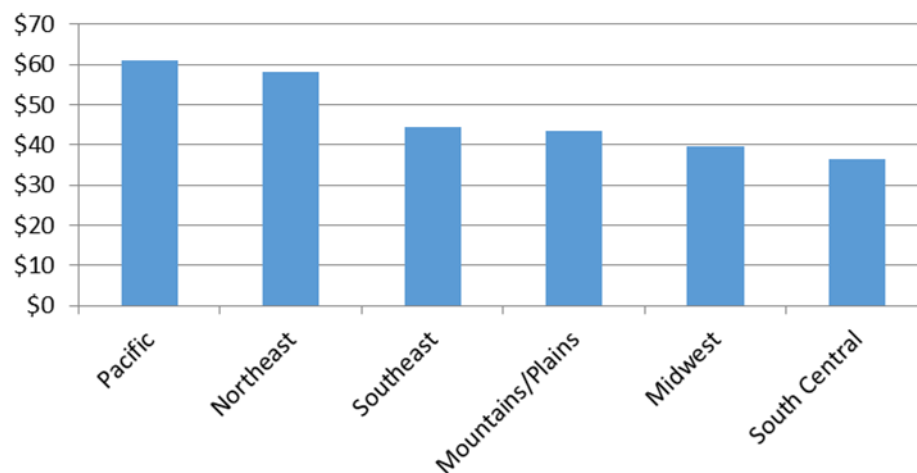


Table 1. State and Regional Average Tip Fees, from EREF Survey Jan 2016^{a,b}

Region/State	Average Tipping Fee
Pacific	\$61.20
<i>Hawaii</i>	\$85.00
<i>Washington</i>	\$64.58
<i>California</i>	\$63.31
<i>Alaska</i>	\$56.50
<i>Oregon</i>	\$42.25
<i>Idaho</i>	\$33.00
<i>Arizona</i>	N.R.
<i>Nevada</i>	N.R.
Northeast	\$58.20
<i>Massachusetts</i>	\$86.00
<i>Delaware</i>	\$75.00
<i>New Hampshire</i>	\$72.89
<i>Maryland</i>	\$68.38
<i>New Jersey</i>	\$68.03
<i>New York</i>	\$62.50
<i>Maine</i>	\$52.67
<i>West Virginia</i>	\$50.82
<i>Pennsylvania</i>	\$47.25
<i>Virginia</i>	\$38.63
<i>Rhode Island</i>	\$32.00
<i>Vermont</i>	\$22.00
<i>Connecticut</i>	N.R.
Southeast	\$44.46
<i>Georgia</i>	\$109.50
<i>Florida</i>	\$51.31
<i>North Carolina</i>	\$43.50
<i>Tennessee</i>	\$42.00
<i>Alabama</i>	\$36.82
<i>Mississippi</i>	\$32.45
<i>Kentucky</i>	\$30.04
<i>South Carolina</i>	\$28.88
Region/State	Average Tipping Fee
Mountains/Plains	\$43.38
<i>North Dakota</i>	\$58.25
<i>Wyoming</i>	\$47.00
<i>South Dakota</i>	\$46.75
<i>Colorado</i>	\$46.00
<i>Utah</i>	\$30.18
<i>Montana</i>	\$25.79
Midwest	\$39.64
<i>Wisconsin</i>	\$64.00
<i>Illinois</i>	\$43.56
<i>Minnesota</i>	\$41.50
<i>Michigan</i>	\$41.00
<i>Iowa</i>	\$35.81
<i>Kansas</i>	\$33.00
<i>Nebraska</i>	\$31.49
<i>Missouri</i>	\$24.47
<i>Indiana</i>	\$18.50
<i>Ohio</i>	\$14.47
South Central	\$36.34
<i>Louisiana</i>	\$72.00
<i>Oklahoma</i>	\$69.00
<i>Texas</i>	\$28.00
<i>Arkansas</i>	\$26.25
<i>New Mexico</i>	\$25.85
National Average	\$48.27

^aN.R. - not reported

^bRegional and national averages computed on a facility-basis, and therefore do not equal the average of the individual state averages reported herein.

EREF-D&P/TIP FEES

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