



Oregon Department of Environmental Quality

## Oregon Paint Stewardship Program

# Estimate of 2023 Paint Collection Volumes by Wasteshed

June 2024

In 2009, Oregon became the first state to enact a law requiring paint manufacturers to operate a paint product stewardship program to reduce waste, increase reuse and recycling, and safely dispose of architectural paint remaining after purchase and use. The program is paid for by Oregonians who buy paint. The current stewardship organization, PaintCare, manages the program for paint manufacturers, and DEQ oversees it.

The paint stewardship pilot program began in 2010, and Oregon's 2013 Legislature made the paint stewardship program permanent. The 2013 law also bolstered customer convenience, the stewardship organization's accountability for meeting program goals and DEQ's ability to oversee program operations and compliance.

The 2013 legislation, ORS 459A.820-.855, requires DEQ to estimate annually the quantities of paint collected under this program. Specifically, ORS 459A.845 requires DEQ to publish an estimate of the following for the previous calendar year:

- (1) The total volume, in gallons, of post-consumer architectural paint collected in each wasteshed<sup>1</sup> or metropolitan service district as part of an architectural paint stewardship program
- (2) For each wasteshed or metropolitan service district, the percentage of total volume of paint collected under the program at each of the following:
  - (a) Permanent collection sites located at a retailer;
  - (b) Permanent collection sites and collection events for the program located within the local solid waste collection infrastructure, including collection events funded by DEQ; and
  - (c) Collection events promoted and paid for by a stewardship organization.

The report also includes data for PaintCare's large volume collections from commercial and institutional sources.

The estimates in this report represent most, but not all, of the post-consumer architectural paint collected in Oregon in 2023. The report includes estimates of the volume of paint collected as part of the state's architectural paint stewardship program. It does not include paint volumes collected outside of the architectural paint stewardship program, such as paint collected by local governments or hazardous waste contractors that are not managed by the paint stewardship program.

### 2023 Paint Collection Volumes by Wasteshed

Table 1 shows the estimates for the total volume, in gallons, of post-consumer architectural paint collected in each wasteshed and its percent as part of Oregon's paint stewardship program in 2023. Table 1 also shows each wasteshed's percentage of paint collected under four separate types of collection: (1) permanent collection sites located at a retailer, (2) permanent and seasonal collection sites and events located within the solid waste collection infrastructure, including household hazardous waste collection events, (3) collection events promoted and paid for by PaintCare, and (4) the collection of paint under PaintCare's large volume direct pickup services.

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<sup>1</sup>A wasteshed is defined in Oregon law as being an area of the state that shares a common solid waste disposal system. For most of Oregon, a wasteshed is an individual county except the Milton-Freewater and Metro wastesheds.

Table 1: Total Gallons, Gallons per Capita, and Percent Estimates of 2023 Paint Collection Volumes

<i>Wasteshed</i>	<i>Total (gallons)</i>	<i>% of Total Collected</i>	<i>Gallons per Capita<sup>2</sup></i>	<i>% Retail</i>	<i>% Solid Waste Infrastructure</i>	<i>% PaintCare Collection Events</i>	<i>% Large Volume User/Pick-up</i>
Baker	2,490	0.38%	0.15	100%	0%	0.00%	0%
Benton	12,675	1.95%	0.13	65%	35%	0.00%	0%
Clatsop	7,158	1.10%	0.17	57%	40%	2.36%	0%
Columbia	6,917	1.07%	0.13	5%	95%	0.00%	0%
Coos	3,262	0.50%	0.05	28%	72%	0.00%	0%
Crook	3,596	0.55%	0.14	11%	89%	0.00%	0%
Curry	2,111	0.33%	0.09	86%	14%	0.00%	0%
Deschutes	65,445	10.09%	0.31	53%	45%	0.00%	1%
Douglas	8,466	1.31%	0.07	97%	0%	0.00%	3%
Gilliam	0	0.00%	0.00	0	0	0	0
Grant	216.47	0.03%	0.03	100%	0%	0.00%	0%
Harney	609.08	0.09%	0.08	100%	0%	0.00%	0%
Hood River	3,195	0.49%	0.13	41%	59%	0.00%	0%
Jackson	26,084	4.02%	0.12	96%	0%	3.05%	1%
Jefferson	879	0.14%	0.03	100%	0%	0.00%	0%
Josephine	9,992	1.54%	0.11	95%	0%	5.36%	0%
Klamath	5,468	0.84%	0.08	100%	0%	0.00%	0%
Lake	509.12	0.08%	0.06	0%	100%	0.00%	0%
Lane	63,817	9.84%	0.17	57%	38%	0.00%	5%
Lincoln	8,712	1.34%	0.17	14%	86%	0.00%	0%
Linn	15,329	2.36%	0.12	67%	13%	0.00%	20%
Malheur	1,912	0.29%	0.06	100%	0%	0.00%	0%
Marion	51,784	7.98%	0.15	47%	48%	0.00%	5%
Metro	312,438	48.17%	0.17	44%	48%	0.01%	9%
Milton-Freewater	427.51	0.07%	0.06	0%	0%	100.00%	0%
Morrow	470.32	0.07%	0.04	0%	100%	0.00%	0%
Polk	1019.6	0.16%	0.01	74%	0%	0.00%	26%
Sherman	145.15	0.02%	0.08	0%	100%	0.00%	0%
Tillamook	5,873	0.91%	0.21	6%	94%	0.00%	0%
Umatilla	4,415	0.68%	0.06	95%	0%	0.00%	5%
Union	3,058	0.47%	0.12	100%	0%	0.00%	0%
Wallowa	960.12	0.15%	0.13	100%	0%	0.00%	0%
Wasco	4,193	0.65%	0.15	56%	43%	0.00%	1%
Wheeler		0.00%	0.00				
Yamhill	14,925	2.30%	0.14	77%	18%	2.56%	3%
<b>Total</b>	<b>648,554</b>	<b>100%</b>	<b>0.10</b>	<b>52%</b>	<b>42%</b>	<b>0.4%</b>	<b>6%</b>

<sup>2</sup> 2023 Oregon Certified Population Estimates reported by Portland State University Population Research Center

## General Findings:

- 1) Similar to previous reporting years, the total estimated volume of post-consumer architectural paint collected in 2023 was 648,554 gallons. Again, roughly half of the amount collected (48%) came from the Metro region, which makes up about 43% of the state's population. This watershed includes Clackamas, Multnomah and Washington Counties.
- 2) Statewide, gallons collected per capita dropped slightly from 0.16 gallons per person in 2022, to 0.10 2023.
- 3) Retail and solid waste infrastructure still account for the majority of paint collections and, as a percentage, remain consistent compared to previous years. Large volume pick-ups and PaintCare events continue to be a small portion of overall paint collection.

To provide service to areas of the state that are over 15 miles from the nearest collection site, PaintCare annually contacts local representatives in every county to hold at least one collection event. From those conversations, five jurisdictions around the state had PaintCare events in 2023. Additionally, forty locations around the state had household hazardous waste events conducted by local representatives, which included the collection of architectural paint. Year-round and supplemental sites for the state are shown in the figure on pages 12-14 of the *Oregon Paint Stewardship Program 2023 Annual Report*. Based on PaintCare's analysis for 2023, 96.6% of the population in Oregon (4,287,910) resides within 15 miles of a permanent collection site. Gilliam and Wheeler County watersheds did not have any collections in 2023.

## Estimating Paint Collection Volumes and Percentages

In composing this report, DEQ used the estimates provided by PaintCare in the [Oregon Paint Stewardship Program 2023 Annual Report](#) (submitted April 1, 2024), as required under ORS 459A.842. PaintCare describes the methods used for estimating paint volume collection in their Annual Report.

The 2023 Annual Report also includes a more detailed accounting of collection quantities by retail and reuse drop-off sites, household hazardous waste facilities (HHW), transfer stations, collection events and other activities for each watershed. To obtain the estimates in this report, the percent collected by retail in a watershed was determined by dividing the total gallons collected at retail and reuse stores in a watershed by the total gallons collected in the respective watershed. Similarly, the percent collected by solid waste infrastructure combined the total gallons for HHW events, HHW facilities, and transfer stations in a watershed divided by the total gallons collected in the respective watershed. The percentages for PaintCare events and large volume pick-ups in a watershed were determined by dividing each category respectively by the total gallons collected in the respective watershed.

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