

# Oregon Paint Stewardship Program

## Estimate of 2019 Paint Collection Volumes by Wasteshed

May 2020

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 stewardship organization, PaintCare, manages the program for paint manufacturers, and DEQ oversees it.

The paint stewardship pilot program began collections in 2010. 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 that 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
  - (c) Collection events promoted and paid for by a stewardship organization.

This report also includes estimates for PaintCare's large volume collections from commercial and institutional painters.

The estimates in this report represent most, but not all, of the post-consumer architectural paint collected in Oregon in 2019. 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 is not managed by the paint stewardship program.

### 2019 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 as part of Oregon's paint stewardship program in 2019. Table 1 also shows, for each wasteshed, the percentage of paint collected under four separate modes of collection: (1) permanent collection sites located at a retailer, (2) permanent collection sites and collection 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.



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**Table 1: Total Gallons and Percent Estimates of 2019 Paint Collection Volumes**

<b>Washed</b>	<b>Total (gallons)</b>	<b>% Retail</b>	<b>% Solid Waste Infrastructure</b>	<b>% PaintCare Collection Events</b>	<b>% Large Volume User/Pick-up</b>
Baker	1,232	100.0	-	-	-
Benton	12,176	58.9	41.1	-	-
Clatsop	6,513	100.0	-	-	-
Columbia	9,269	13.1	86.9	-	-
Coos	5,387	42.8	57.2	-	-
Crook	3,146	27.4	72.6	-	-
Curry	2,716	94.8	5.2	-	-
Deschutes	61,594	58.2	40.2	-	1.6
Douglas	8,326	96.7	-	-	3.3
Gilliam	-	-	-	-	-
Grant	448	100.0	-	-	-
Harney	558	100.0	-	-	-
Hood River	3,629	22.8	77.2	-	-
Jackson	26,638	95.1	-	4.9	-
Jefferson	751	100.0	-	-	-
Josephine	9,824	95.3	-	4.7	-
Klamath	5,529	100	-	-	-
Lake	598	-	100.0	-	-
Lane	63,288	62.1	34.9	2.0	0.9
Lincoln	9,456	12.8	87.2	-	-
Linn	20,272	67.4	10.8	-	21.8
Malheur	1,570	100.0	-	-	-
Marion	52,383	45.8	47.2	-	7.0
Metro	425,760	43.5	51.0	-	5.5
Milton-Freewater	573	-	-	100.0	-
Morrow	284	-	100.0	-	-
Polk	503	-	100.0	-	-
Sherman	391	-	100.0	-	-
Tillamook	4,625	10.4	89.6	-	-
Umatilla	4,281	10.4	89.6	-	-
Union	3,697	92.3	7.7	-	-
Wallowa	576	100.0	-	-	-
Wasco	4,782	49.3	50.7	-	4.5
Wheeler	-	-	-	-	-
Yamhill	16,313	75.4	17.9	6.2	0.5
<b>Total</b>	<b>767,088</b>	<b>51.6</b>	<b>43.4</b>	<b>0.6</b>	<b>4.4</b>

#### Significant Findings:

- 1) The total estimated volume of post-consumer architectural paint collected in the program declined for the second year in a row. It decreased by 4 percent from 2018. Even though the total volume decreased, nine counties in Oregon did have increased collection volumes.
- 2) The percent of paint collection from retail and solid waste infrastructure, 51.6% and 43.4% respectively, remained about the same as in 2018.

In its 2019 annual report, PaintCare indicates “the transition to weekend-only paint collections at one of Oregon’s largest municipal drop-off sites (Marion County), and eight fewer DEQ-sponsored events” are the likely reasons for declines in paint collections. Other reasons could be declines in program awareness and reductions in the generation post-consumer paint. This lack of understanding highlights the need for metrics besides paint collection volumes to better evaluate program performance. PaintCare’s program plan requires PaintCare to develop additional performance measures, including methods for assessing program awareness and reductions in the generation of post-consumer paint waste. DEQ looks forward to working with PaintCare as it renews efforts to develop those metrics later this year.

#### **Estimating Paint Collection Volumes and Percentages**

In composing this report, DEQ used the estimates provided by PaintCare in the *Oregon Paint Stewardship Program 2019 Annual Report* (submitted April 1, 2020), as required under ORS 459A.842. PaintCare describes the methods used for estimating paint volume collection by either program collectors or transporters in Section 2(A) of the 2019 Annual Report.

The 2019 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.

#### **Alternative formats**

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