

Oregon Paint Stewardship Program

Estimate of 2017 Paint Collection Volumes by Wasteshed

May 2018

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 wasteshed¹ 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 2017. 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.

2017 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 2017. 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.

¹A 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 2017 Paint Collection Volumes

Washed	Total (gallons)	% Retail	% Solid Waste Infrastructure	% PaintCare Collection Events	% Large Volume User/Pick-up
Baker	2,218	93.8	-	6.2	-
Benton	13,811	57.7	42.3	-	-
Clatsop	6,392	100.0	-	-	-
Columbia	12,362	8.3	91.7	-	-
Coos	8,253	59.6	40.4	-	-
Crook	3,310	22.9	77.1	-	-
Curry	2,026	98.7	1.3	-	-
Deschutes	60,925	56.8	42.4	-	0.8
Douglas	10,197	80.5	9.4	-	10.1
Gilliam	-	-	-	-	-
Grant	449	100.0	-	-	-
Harney	561	100.0	-	-	-
Hood River	4,016	30.6	64.2	-	5.2
Jackson	31,018	95.8	-	3.6	0.6
Jefferson	824	95.4	4.6	-	-
Josephine	11,733	84.1	-	13.0	2.8
Klamath	8,723	71.1	28.9	-	-
Lake	714	-	-	100.0	-
Lane	58,841	62.7	37.3	-	-
Lincoln	6,703	20.5	79.5	-	-
Linn	17,989	70.5	19.6	-	9.9
Malheur	3,145	80.8	19.2	-	-
Marion	71,114	11.5	85.9	-	2.7
Metro	434,295	44.0	53.6	-	2.4
Milton-Freewater	654	-	30.6	69.4	-
Morrow	206	-	100.0	-	-
Polk	1,733	-	100.0	-	-
Sherman	398	-	100.0	-	-
Tillamook	6,030	19.2	80.8	-	-
Umatilla	5,162	78.7	21.3	-	-
Union	3,210	100.0	-	-	-
Wallowa	1,043	14.0	-	86.0	-
Wasco	5,874	54.5	45.5	-	-
Wheeler	-	-	-	-	-
Yamhill	16,817	88.0	9.7	-	2.3
Total	810,746	48.9	48.5	0.6	2.1

Significant Findings:

- 1) The total estimated volume of post-consumer architectural paint collected in the program increased by 6.0 percent from 2016.
- 2) Paint collection at retail locations decreased by 7.7 percent compared to 2016, while collection from solid waste infrastructure increased by 6.8 percent.

Estimating Paint Collection Volumes and Percentages

In composing this report, DEQ used the estimates provided by PaintCare in the *Oregon Paint Stewardship Program 2017 Annual Report* (submitted April 3, 2018), as required under ORS 459A.842.

In the 2017 Annual Report, PaintCare describes the methods used for estimating paint volume collection by either program collectors or transporters in Section 2(A). As the volumes are approximate, they are subject to errors when utilizing correction factors to convert the weight of the collection bins to volumes in gallons. Section 2(A) of the report also describes several adjustments made by PaintCare to its collection estimate methodology. These adjustments resulted in increases to prior years' collection volumes, which are reflected in the 2017 Annual Report. DEQ used the adjusted values to determine the percent change in total gallons collected from 2016 to 2017.

The 2017 Annual Report also includes a detailed accounting of collection quantities by retail drop-off site, household hazardous waste facilities (HHW), transfer stations, collection events, and other activities for each watershed. The percent collected by retail in a watershed was determined by dividing the total gallons collected by retail and reuse stores in a watershed by the total gallons collected in Oregon. 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 Oregon. 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 Oregon.

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