

## Estimate of 2021 Paint Collection Volumes by Wasteshed

November 2022

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 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 2021. 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.

### 2021 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 2021. 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 and seasonal 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.

**Table 1: Total Gallons, Gallons per Capita, and  
Percent Estimates of 2021 Paint Collection Volumes**

| Wasteshed        | Total<br>(gallons) | Gallons<br>per<br>Capita* | %<br>Retail | % Solid<br>Waste<br>Infrastructure | % PaintCare<br>Collection<br>Events | % Large<br>Volume<br>User/Pick-up |
|------------------|--------------------|---------------------------|-------------|------------------------------------|-------------------------------------|-----------------------------------|
| Baker            | 1,531              | 0.09                      | 100%        | 0%                                 | 0%                                  | 0%                                |
| Benton           | 11,782             | 0.12                      | 61%         | 39%                                | 0%                                  | 0%                                |
| Clatsop          | 5,482              | 0.13                      | 96%         | 0%                                 | 4%                                  | 0%                                |
| Columbia         | 8,578              | 0.16                      | 10%         | 90%                                | 0%                                  | 0%                                |
| Coos             | 3,988              | 0.06                      | 38%         | 62%                                | 0%                                  | 0%                                |
| Crook            | 4,204              | 0.16                      | 17%         | 83%                                | 0%                                  | 0%                                |
| Curry            | 2,552              | 0.11                      | 95%         | 5%                                 | 0%                                  | 0%                                |
| Deschutes        | 62,081             | 0.31                      | 54%         | 44%                                | 0%                                  | 2%                                |
| Douglas          | 7,939              | 0.07                      | 93%         | 3%                                 | 0%                                  | 4%                                |
| Gilliam          | -                  | -                         | -           | -                                  | -                                   | -                                 |
| Grant            | 496.19             | 0.07                      | 100%        | 0%                                 | 0%                                  | 0%                                |
| Harney           | 394.88             | 0.05                      | 100%        | 0%                                 | 0%                                  | 0%                                |
| Hood River       | 4,412              | 0.18                      | 18%         | 82%                                | 0%                                  | 0%                                |
| Jackson          | 26,334             | 0.12                      | 94%         | 0%                                 | 3%                                  | 3%                                |
| Jefferson        | 986                | 0.04                      | 73%         | 27%                                | 0%                                  | 0%                                |
| Josephine        | 11,637             | 0.13                      | 81%         | 0%                                 | 6%                                  | 12%                               |
| Klamath          | 5,636              | 0.08                      | 93%         | 0%                                 | 0%                                  | 7%                                |
| Lake             | 564.65             | 0.07                      | 0%          | 100%                               | 0%                                  | 0%                                |
| Lane             | 59,292             | 0.15                      | 55%         | 45%                                | 0%                                  | 1%                                |
| Lincoln          | 9,143              | 0.18                      | 7%          | 93%                                | 0%                                  | 0%                                |
| Linn             | 18,053             | 0.14                      | 58%         | 21%                                | 0%                                  | 22%                               |
| Malheur          | 2,491              | 0.08                      | 100%        | 0%                                 | 0%                                  | 0%                                |
| Marion           | 51,127             | 0.15                      | 40%         | 58%                                | 0%                                  | 2%                                |
| Metro            | 407,994            | 0.22                      | 40%         | 52%                                | 0%                                  | 7%                                |
| Milton-Freewater | 243.44             | 0.03                      | 0%          | 0%                                 | 100%                                | 0%                                |
| Morrow           | 360.95             | 0.03                      | 0%          | 100%                               | 0%                                  | 0%                                |
| Polk             | 295.6              | .003                      | 0%          | 0%                                 | 0%                                  | 100%                              |
| Sherman          | 226.97             | 0.12                      | 0%          | 100%                               | 0%                                  | 0%                                |
| Tillamook        | 6,056              | 0.22                      | 5%          | 95%                                | 0%                                  | 0%                                |
| Umatilla         | 3,902              | 0.05                      | 88%         | 0%                                 | 0%                                  | 12%                               |
| Union            | 3,472              | 0.13                      | 95%         | 5%                                 | 0%                                  | 0%                                |
| Wallowa          | 586.07             | 0.08                      | 100%        | 0%                                 | 0%                                  | 0%                                |
| Wasco            | 3,749              | 0.14                      | 31%         | 69%                                | 0%                                  | 0%                                |
| Wheeler          | -                  | -                         | -           | -                                  | -                                   | -                                 |
| Yamhill          | 14,513             | 0.13                      | 68%         | 28%                                | 3%                                  | 1%                                |
| <b>Total</b>     | <b>740,102</b>     | <b>0.17</b>               | <b>47%</b>  | <b>47%</b>                         | <b>0.3%</b>                         | <b>6%</b>                         |

\*2021 Oregon Certified Population Estimates reported by Portland State University Population Research Center

## General Findings:

- 1) The total estimated volume of post-consumer architectural paint collected in 2021 was 740,102 gallons, an increase of 5% from the previous reporting year. Roughly half of the amount collected (55%) came from the Metro region, which makes up about 43% of the state's population, and includes Clackamas, Multnomah and Washington Counties.
- 2) Statewide, gallons collected per capita for 2021 stayed the same as in 2020, at 0.17 gallons per person.
- 3) Retail and solid waste infrastructure still account for the majority of paint collections and, as a percentage, have changed little from the previous year: in 2020 they were 46.7% and 48.7%, respectively, and in 2021 they were each at 47%. Large volume pick-ups increased from 4% to 6% and PaintCare events remained unchanged at 0.3%.

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 inquire if a PaintCare collection event should be held. Five areas around the state had PaintCare events in 2021. Additionally, twenty-six 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 page 12 of the *Oregon Paint Stewardship Program 2021 Annual Report*. Based on PaintCare's analysis for 2021, 98.2% of the population in Oregon resides within 15 miles of an area serviced by a collection site or event. Only one county, Gilliam, did not have a collection site or event in 2021.

## Estimating Paint Collection Volumes and Percentages

In composing this report, DEQ used the estimates provided by PaintCare in the *Oregon Paint Stewardship Program 2021 Annual Report* (submitted April 1, 2022), as required under ORS 459A.842. PaintCare describes the methods used for estimating paint volume collection in their Annual Report.

The 2021 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

DEQ can provide documents in an alternate format or in a language other than English upon request. Call DEQ at 800-452-4011 or email [deqinfo@deq.state.or.us](mailto:deqinfo@deq.state.or.us).