STAND LEVEL INVENTORY

The Stand Level Inventory (SLI) is a forest inventory developed by the Oregon Department of Forestry (ODF) to serve as the information source on forest conditions for all lands managed by ODF's State Forests Division, hereinafter Division. The information is used for forest management analysis, assessments, activity planning, and status reporting. Field measured sampling occurs in a carefully selected, representative portion of inventory stands. These inventory cruise results are used to extrapolate inventory information in a supervised manner to estimate stands which do not have inventory cruise data. This methodology provides: site-specific information on trees, snags, downed woody debris, and understory vegetation in forested stands; statistics on forested stands for modeling purposes; and the ability to aggregate information to report district and state-wide inventory totals for State Forests and lands managed by the Division under agreement.

Inventory assessments are important for making efficient and effective forest management decisions. The goal of SLI is to maintain a sample of 25% to 50% of all stands with recent field measured inventory information or recent planting/stocking information. In past years ODF would conduct annual inventory collection projects to maintain this sampling rate. For the 2026 reporting period, all districts except Klamath-Lake received a full SLI update. Klamath-Lake was updated using a linear interpolation of the five-year growth projections from its previous complete SLI update (2021), with depletions (e.g., timber removals) calculated using spatial overlays between timber sale polygons and SLI stand polygon boundaries.

Beginning in FY 2021 the Division initiated a transition to a LiDAR based inventory system coupled with a densified grid of federal Forest Inventory and Analysis (FIA) program data. This inventory system is labeled: Enhanced Forest Inventory, or EFI. EFI is part of a strategic investment to provide more statistically robust data across all lands managed by the Division and will form the basis for planning, monitoring, analysis, and reporting related to forest management. Individual stand surveys, or SLI methodologies will continue to be part of the Division's inventory system and used for more localized planning efforts and specific monitoring questions. Forest stands continually change due to various factors such as harvest operations, natural disturbances, reforestation, and tree growth. To ensure accountability for these changes, regular updates to the inventory database are essential. Inventory updates are conducted annually. This year, a full SLI update has been completed for all districts except Klamath-Lake, with forest data grown forward through June 2025; planting data since the last full SLI update has also been integrated into the inventory. For all districts, this report reflects operations completed through December 2025.

Given the dynamic nature of ecological systems and the inherent challenges of sampling extensive natural resources, all inventory information, including volume, is subject to uncertainty. Annual updates to inventory and associated reports represent the Division's best estimates of current forest conditions. As ODF continually works to refine and enhance our inventory system, these annual reports should not be interpreted as a monitoring system for year-to-year trends. Instead, the changes observed during the annual update process reflect both an evolving understanding of the forest environment and changes occurring across landscapes. This results in a comprehensive, up-to-date forest inventory that serves as a tool for stand-level management, landscape-scale planning, and district-wide reporting.

STAND LEVEL INVENTORY DETAILS FOR ALL LAND OWNERSHIP CATEGORIES

Statewide, as of the end of June 2025, there are 12,332 SLI stands, 6,556 (53%) of which have field-based measurements or recent planting/stocking information. The total stand acreage reported here includes a 25-acre parcel obtained in 2022 but not added to the SLI until this year's full SLI update; with other boundary corrections, acreage outside Klamath-Lake increased by 21 acres. Inventory data for non-measured stands are imputed from field-measured stands. Stands are delineated along differences in general forest characteristics - boundaries are drawn to group together areas with similar tree species, size and stocking. SLI boundaries often coincide with administrative boundaries, but individual stands may include more than one land ownership category such as Board of Forestry Lands (BOFL), Common School Fund Lands (CSFL), and Other lands managed by the Division under agreement. The table below shows the total number of SLI stands and acres by ODF District, the number and percentage of stands with field-based measurements or recent planting/stocking information, as well as the number of stands in BOFL, CSFL and Other landowner categories.

District/Unit	All Lands with SLI			BOFL		CSFL		Other Lands	
	Total SLI Acres	Total Stands	Measured Stands	Acres	Stands*	Acres	Stands*	Acres	Stands*
Astoria	136,853	1,992	1,384 (69%)	134,832	1,974	2,005	71	16	1
Forest Grove	115,003	1,392	958 (69%)	114,375	1,381	611	22	17	2
Tillamook	250,586	5,623	2,300 (41%)	245,487	5,545	5,050	180	49	8
West Oregon	36,612	918	519 (57%)	29,812	799	6,748	255	52	9
North Cascade	47,474	851	300 (35%)	46,588	834	879	33	7	1
Veneta**	25,256	419	277 (66%)	24,324	403	932	15	0	0
Southwest Oregon**	16,793	329	187 (57%)	9,350	200	7,443	128	0	0
Coos**	10,981	301	200 (66%)	8,889	244	2,082	56	10	1
Klamath-Lake	98,981	507	431 (85%)	98,981	501	0	0	0	0
Totals	**738,541**	**12,332**	**6,556 (53%)**	**712,640**	**11,881**	**25,750**	**760**	**151**	**22**

* Stands overlapping ownership type are counted if there is at least one acre within the respective ownership type
** Units within Western Lane District

CSFL and Other landowner categories, even though fewer in number and acreage in the SLI, benefit significantly from the quality of inventory information in the broader inventory effort done for all lands. Potential for the best application of field-measured stand data to the non-field measured stands is enhanced by the availability of more numerous field-measured stands from the entire dataset without incurring the additional expense of measuring them (field-measurement costs are shared on a total acres percentage basis by district).

STAND LEVEL INVENTORY TIMBER VOLUME ESTIMATE FOR BOFL LANDS

The table below shows the SLI-based estimate of merchantable net board foot volume by species for BOFL lands as of June 30, 2025. Note: Klamath-Lake estimates have been linearly interpolated from five-year projections performed during its previous SLI update, with depletions calculated by intersecting sale polygons with stand polygons. Net acres deducts the area associated with roads. Other non-forested areas are not removed and are reflected in the overall volume estimates.

Timber Inventory Estimate for State Forests Board of Forestry Lands, June 30, 2025											
		Total Net Scribner Board Foot Volumes (MBF)									
District/Unit	Net Acres	Douglas-fir	Cedar	True Fir	Hemlock	Pine	Spruce	Alder	Other	Total	MBF/Acre
Astoria	129,866	2,394,318	20,280	43,859	905,054	354	85,253	265,419	38,905	3,753,441	28.9
Forest Grove	111,371	2,952,858	16,404	49,955	167,469	416	190	142,409	42,593	3,372,294	30.3
Tillamook	241,072	3,617,086	33,501	35,810	1,087,666	113	198,592	1,115,392	79,071	6,167,233	25.6
West Oregon	28,760	828,486	2,391	299	18,544	173	1,039	49,211	14,701	914,843	31.8
North Cascade	45,151	897,867	24,160	19,560	105,444	421	0	12,599	21,202	1,081,253	23.9
Veneta**	23,797	751,434	4,998	287	84,107	0	0	46,667	59,346	946,839	39.8
Southwest Oregon**	9,046	244,596	10,971	8,216	1,443	6,004	0	692	37,846	309,768	34.2
Coos**	8,684	269,574	4,736	51	17,175	10	1,016	27,994	14,433	334,988	38.6
Klamath-Lake	98,981	15,340	4,884	47,819	0	485,243	0	0	4,804	558,089	5.6
Totals	**696,729**	**11,971,559**	**122,323**	**205,857**	**2,386,903**	**492,734**	**286,090**	**1,660,383**	**312,900**	**17,438,749**	**25.0**

** Units within Western Lane District

SLI data is updated annually, typically prior to the end of June. The SLI annual report reflects operational activities including regeneration harvests, thinning, and reforestation on all districts completed through December 31, 2025.

STAND LEVEL INVENTORY TIMBER VOLUME ESTIMATE FOR CSFL LANDS

The table below shows the SLI-based estimate of merchantable net board foot volume by species for CSFL lands as of June 30, 2025. Net acres deducts the area associated with roads. Other non-forested areas are not removed and are reflected in the overall volume estimates.

Timber Inventory Estimate for State Forests Common School Fund Lands, June 30, 2025											
		Total Net Scribner Board Foot Volumes (MBF)									
District/Unit	Net Acres	Douglas-fir	Cedar	True Fir	Hemlock	Pine	Spruce	Alder	Other	Total	MBF/Acre
Astoria	1,936	34,824	201	486	9,016	6	2,637	2,857	372	50,399	26.0
Forest Grove	599	11,852	3	8	861	0	0	648	100	13,473	22.5
Tillamook	4,962	91,532	1,542	1,736	51,197	52	12,024	11,559	1,086	170,728	34.4
West Oregon	6,553	205,663	663	0	10,125	5	1,479	10,672	5,248	233,854	35.7
North Cascade	856	19,604	740	13	2,433	0	0	489	1,163	24,444	28.6
Veneta**	910	20,626	336	932	2,725	0	0	546	1,421	26,586	29.2
Southwest Oregon**	7,273	148,110	7,376	8,064	89	16,053	0	91	22,718	202,502	27.8
Coos**	2,048	42,421	784	457	3,889	575	9,640	754	4,312	62,833	30.7
Klamath-Lake	0	0	0	0	0	0	0	0	0	0	0.0
Totals	**25,136**	**574,633**	**11,644**	**11,697**	**80,336**	**16,692**	**25,781**	**27,617**	**36,419**	**784,818**	**31.2**

** Units within Western Lane District

SLI data is updated annually, typically prior to the end of June. The SLI annual report reflects operational activities including regeneration harvests, thinning, and reforestation on all districts completed through December 31, 2025.