



Washington Mill Surveys 1998

Series Report #15



March 2004



WASHINGTON STATE DEPARTMENT OF
Natural Resources
Doug Sutherland - Commissioner of Public Lands

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This report was prepared by:

DNR Office of Budget and Economics

Natural Resource Economist Group

Bob Van Schoorl	Budget Director
Bruce Glass	Economist
Dave Larsen	Economist, Project Lead
Quynh Nguyen	Economic Analyst
Billie Lynn Wyckoff	Layout and Editing

Additional Assistance

Blanche Sobottke DNR Communications

This report was significantly aided by the database program written by:

Bruce Hiserote

Pacific Northwest Research Station, USDA Forest Service
Portland, OR

Address requests regarding this report to:

Phil Aust
Office of Budget and Economics
Department of Natural Resources
PO Box 47041
Olympia, WA 98504-7041

Phone: 360.902.1031 **FAX:** 360.902.1780

E-mail: phil.aust@wadnr.gov

Other editions online at:

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People who need this information in an alternate format may call:

360.705.0582 or TTY 360.902.1125

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Prepared by:
David N. Larsen - Natural Resource Economist



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Introduction

This report presents comprehensive statistics on wood utilization and the characteristics of primary wood processing mills, operating in Washington, during calendar year 1998. It documents the findings of the fifteenth biennial surveys relating to mill characteristics, wood flows and the input of raw materials into the state's seven primary wood-using industries:

- ✱ Sawmills
- ✱ Pulp mills
- ✱ Shake & Shingle
- ✱ Whole log chipping
- ✱ Veneer & Plywood mills
- ✱ Post, Pole & Piling operations
- ✱ Log export operations

Since this survey covers the entire industry sampling errors are not a factor. However, some data on questionnaires were missing and estimates were made to complete the data files. In total, this report provides the most reliable estimates of the status of wood-using industries in Washington for this period.

Information about individual mills or companies is confidential. Where necessary, data that might reveal individual mill identity have been combined with other data to avoid disclosure. Efforts have been made to present data for each industry sector independently where data was sufficient to maintain confidentiality of individual operations. Counties which had fewer than three operations were combined with others. (Economic areas are illustrated in Figure 1 on page V)

The Table on page VI provides a cross index for other tables in previous reports. Where possible, the groupings remained the same to allow comparisons.

Abbreviations

bf	=	board feet
M	=	thousand
Mbf	=	thousand board feet, Scribner log rule
MMbf	=	million board feet, Scribner log rule
sf	=	square feet
Msf	=	thousand square feet 3/8 inch basis
Square	=	one hundred square feet
M square	=	thousand squares
ton	=	2,000 pounds
M tons	=	thousand tons
S.W.E	=	Solid wood equivalent

Figure 1: The State's Economic Areas



The five economic areas used in this report are:

1. Puget Sound
2. Olympic Peninsula
3. Lower Columbia
4. Central Washington
5. Inland Empire

Cross Index of Tables
(for Washington Mill Survey Reports for 1998, 1996, 1994)

	Report Year			
	1996	1998	1996	1998
	1	1	41	--
	2	2	42	38
	3	3	--	39
	4	4	43	--
	5	5	44	40
	6	6	45	4
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	9	9	48	--
	10	--	49	44
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	13	13	53	48
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	24	21	65	58
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	26	23	66	--
	27	24	67	60
	28	25	68	61
	29	26	69	--
	30	27	--	62
	31	28	70	63
	32	29	71	64
	33	30	72	65
	34	31	--	66
	35	32	--	67
	36	33	--	68
	37	34	--	69
	38	35		
	39	36		
	40	37		

Table 1: Number of Mills by Timber Industry

Economic area and county	Industry							
	All industries	Veneer and Lumber	Pulp and Plywood	Shake and Board [1]	Shingle	Log Export [2]	Post, Pole and Piling	Roundwood Chipping
Puget sound								
Island	--	--	--	--	--	--	--	--
King	2	2	--	--	--	--	--	--
Kitsap	--	--	--	--	--	--	--	--
Pierce	16	6	1	2	--	5	1	1
San Juan	--	--	--	--	--	--	--	--
Skagit	9	4	1	--	1	2	--	1
Snohomish	18	9	--	1	2	4	1	1
Whatcom	5	2	1	1	--	--	1	--
Total	50	23	3	4	3	11	3	3
Olympic peninsula								
Clallam	23	3	1	1	10	6	--	2
Grays Harbor	36	6	4	1	21	3	--	1
Jefferson	2	1	--	1	--	--	--	--
Lewis	13	8	1	--	2	--	1	1
Mason	9	5	1	--	--	--	1	2
Pacific	4	2	--	--	2	--	--	--
Thurston	7	3	1	--	--	2	1	--
Total	94	28	8	3	35	11	3	6
Lower Columbia								
Clark	4	2	--	2	--	--	--	--
Cowlitz	20	6	--	4	--	9	--	1
Klickitat	3	1	1	--	--	--	--	1
Skamania	1	1	--	--	--	--	--	--
Wahkiakum	1	--	--	--	1	--	--	--
Total	29	10	1	6	1	9	--	2
Central Washington								
Adams	--	--	--	--	--	--	--	--
Benton	--	--	--	--	--	--	--	--
Chelan	2	2	--	--	--	--	--	--
Douglas	--	--	--	--	--	--	--	--
Franklin	--	--	--	--	--	--	--	--
Grant	--	--	--	--	--	--	--	--
Kittitas	--	--	--	--	--	--	--	--
Lincoln	--	--	--	--	--	--	--	--
Okanogan	3	2	1	--	--	--	--	--
Yakima	5	3	1	1	--	--	--	--
Total	10	7	2	1	--	--	--	--
Inland empire								
Asotin	3	1	--	--	--	--	--	2
Columbia	--	--	--	--	--	--	--	--
Ferry	2	1	--	--	--	--	1	--
Garfield	--	--	--	--	--	--	--	--
Pend Oreille	2	--	--	1	--	--	--	1
Spokane	1	--	--	1	--	--	--	--
Stevens	10	6	1	--	--	--	3	--
Walla Walla	2	--	--	2	--	--	--	--
Whitman	--	--	--	--	--	--	--	--
Total	20	8	1	4	--	--	4	3
TOTAL, STATEWIDE	203	76	15	18	39	31	10	14

[1] Each pulping process at a multiplant location is counted as an individual mill.

[2] Represents the number of identifiable operations involved in the log export trade.

Washington Mill Summary - 1998

Table 2: Primary Wood Utilization

Economic area and industry	Roundwood				Residues ^[2]
	All roundwood	Sound logs	Utility logs	Other ^[1]	
	----- Thousand board feet, Scribner rule -----				Bone dry tons
Puget Sound					
Lumber	733,346	686,628	46,718	0	0
Veneer & plywood ^[3]	--	--	--	0	0
Pulp & board	0	0	0	0	2,179,785
Shake & shingle	900	580	320	750	0
Log export	285,051	284,913	138	0	0
Post, pole & piling	9,060	9,060	0	0	0
Roundwood chipping	26,433	1,944	24,489	0	0
Total	1,054,790	983,125	71,665	750	2,179,785
Olympic Peninsula					
Lumber	835,431	764,067	71,364	0	0
Veneer & plywood ^[3,4]	166,694	165,159	1,535	0	0
Pulp & board ^[4]	--	--	--	0	812,853
Shake & shingle ^[5]	3,378	2,470	908	11,797	0
Log export	176,558	175,752	806	0	0
Post, pole & piling	13,694	13,694	0	0	0
Roundwood chipping ^[6]	193,465	73,692	119,773	0	0
Total	1,389,220	1,194,834	194,386	11,797	812,853
Lower Columbia					
Lumber	413,900	394,576	19,324	0	0
Veneer & plywood ^[7]	--	--	--	0	0
Pulp & board	0	0	0	0	4,508,412
Shake & shingle ^[5]	--	--	--	--	0
Log export	332,427	331,875	552	0	0
Post, pole & piling	0	0	0	0	0
Roundwood chipping ^[6]	--	--	--	0	0
Total	746,327	726,451	19,876	0	4,508,412
Central Washington					
Lumber	183,249	175,700	7,549	0	0
Veneer & plywood ^[7]	185,500	184,575	925	0	0
Pulp & board	0	0	0	0	60,000
Shake & shingle	0	0	0	0	0
Log export	0	0	0	0	0
Post, pole & piling	0	0	0	0	0
Roundwood chipping	0	0	0	0	0
Total	368,749	360,275	8,474	0	60,000
Inland Empire					
Lumber	250,610	240,767	9,843	0	0
Veneer & plywood ^[7]	--	--	--	--	0
Pulp & board	0	0	0	0	991,212
Shake & shingle	0	0	0	0	0
Log export	0	0	0	0	0
Post, pole & piling	1,720	1,720	0	0	0
Roundwood chipping	98,250	34,702	63,548	0	0
Total	350,580	277,189	73,391	0	991,212
Total, State					
Lumber	2,416,536	2,261,738	154,798	0	0
Veneer & plywood	352,194	349,734	2,460	0	0
Pulp & board ^[4]	0	0	0	0	8,552,262
Shake & shingle	4,278	3,050	1,228	12,547	0
Log export	794,036	792,540	1,496	0	0
Post, pole & piling	24,474	24,474	0	0	0
Roundwood chipping	318,148	110,338	207,810	0	0
TOTAL, STATEWIDE	3,909,666	3,541,874	367,792	12,547	8,552,262

^[1] Included are blocks and bolts used by shake and shingle mills.

^[2] Included are residues from sawmills, veneer and plywood mills, and chips from roundwood chipping plants, plus wastepaper.

^[3] Veneer and plywood for Puget Sound combined with Olympic Peninsula to avoid disclosure.

^[4] Pulp and Board for the Olympic Peninsula combined with Veneer and Plywood for Olympic Peninsula to avoid roundwood disclosure.

^[5] Shake and shingle for Lower Columbia combined with Olympic Peninsula to avoid disclosure.

^[6] Roundwood chipping for Lower Columbia combined with Olympic Peninsula to avoid disclosure.

^[7] Veneer and plywood for Lower Columbia and Inland Empire combined with Central Washington to avoid disclosure.

Table 3: Log Use by Industry and Origin

Economic area and industry	Roundwood			Other ^[1]	Residues ^[2]
	All roundwood	Sound logs	Utility logs		
----- Thousand board feet, Scribner rule ----- Bone dry tons					
Puget Sound					
Lumber	733,346	686,628	46,718	0	0
Veneer & plywood ^[3]	--	--	--	0	0
Pulp & board	0	0	0	0	2,179,785
Shake & shingle	900	580	320	750	0
Log export	285,051	284,913	138	0	0
Post, pole & piling	9,060	9,060	0	0	0
Roundwood chipping	26,433	1,944	24,489	0	0
Total	1,054,790	983,125	71,665	750	2,179,785
Olympic Peninsula					
Lumber	835,431	764,067	71,364	0	0
Veneer & plywood ^[3,4]	166,694	165,159	1,535	0	0
Pulp & board ^[4]	--	--	--	0	812,853
Shake & shingle ^[5]	3,378	2,470	908	11,797	0
Log export	176,558	175,752	806	0	0
Post, pole & piling	13,694	13,694	0	0	0
Roundwood chipping ^[6]	193,465	73,692	119,773	0	0
Total	1,389,220	1,194,834	194,386	11,797	812,853
Lower Columbia					
Lumber	413,900	394,576	19,324	0	0
Veneer & plywood ^[7]	--	--	--	0	0
Pulp & board	0	0	0	0	4,508,412
Shake & shingle ^[5]	--	--	--	--	0
Log export	332,427	331,875	552	0	0
Post, pole & piling	0	0	0	0	0
Roundwood chipping ^[6]	--	--	--	0	0
Total	746,327	726,451	19,876	0	4,508,412
Central Washington					
Lumber	183,249	175,700	7,549	0	0
Veneer & plywood ^[7]	185,500	184,575	925	0	0
Pulp & board	0	0	0	0	60,000
Shake & shingle	0	0	0	0	0
Log export	0	0	0	0	0
Post, pole & piling	0	0	0	0	0
Roundwood chipping	0	0	0	0	0
Total	368,749	360,275	8,474	0	60,000
Inland Empire					
Lumber	250,610	240,767	9,843	0	0
Veneer & plywood ^[7]	--	--	--	--	0
Pulp & board	0	0	0	0	991,212
Shake & shingle	0	0	0	0	0
Log export	0	0	0	0	0
Post, pole & piling	1,720	1,720	0	0	0
Roundwood chipping	98,250	34,702	63,548	0	0
Total	350,580	277,189	73,391	0	991,212
Total, State					
Lumber	2,416,536	2,261,738	154,798	0	0
Veneer & plywood	352,194	349,734	2,460	0	0
Pulp & board ^[4]	0	0	0	0	8,552,262
Shake & shingle	4,278	3,050	1,228	12,547	0
Log export	794,036	792,540	1,496	0	0
Post, pole & piling	24,474	24,474	0	0	0
Roundwood chipping	318,148	110,338	207,810	0	0
TOTAL, STATEWIDE	3,909,666	3,541,874	367,792	12,547	8,552,262

^[1] Included are blocks and bolts used by shake and shingle mills.^[2] Included are residues from sawmills, veneer and plywood mills, and chips from roundwood chipping plants, plus wastepaper.^[3] Veneer and plywood for Puget Sound combined with Olympic Peninsula to avoid disclosure.^[4] Pulp and Board for the Olympic Peninsula combined with Veneer and Plywood for Olympic Peninsula to avoid roundwood disclosure.^[5] Shake and shingle for Lower Columbia combined with Olympic Peninsula to avoid disclosure.^[6] Roundwood chipping for Lower Columbia combined with Olympic Peninsula to avoid disclosure.^[7] Veneer and plywood for Lower Columbia and Inland Empire combined with Central Washington to avoid disclosure.

Table 4: Log Utilization by County and Harvest Origin by County

Economic area and county of use	Economic area and county of origin Puget Sound							
	Total	Island	King	Kitsap	Pierce	Skagit	Snohomish	Whatcom
Puget Sound								
Pierce ^[1]	467,976	2,523	30,360	1,500	182,793	9,082	19,940	4,037
Skagit ^[2]	156,840	120	29,907	0	29,850	28,742	14,938	27,584
Snohomish ^[3]	429,974	0	22,590	1,584	10,812	110,828	152,359	76,835
Total	1,054,790	2,643	82,858	3,084	223,455	148,652	187,237	108,456
Olympic Peninsula								
Clallam ^[4]	177,590	0	0	7,074	7,480	2,490	2,782	825
Grays Harbor ^[5]	523,895	0	5,160	0	17,979	1,610	560	0
Lewis ^[6]	274,568	0	9,633	0	51,600	0	2,233	0
Mason ^[7]	399,473	0	7,122	11,776	14,619	2,450	3,130	0
Thurston ^[8]	13,694	0	0	90	204	0	0	0
Total	1,389,220	0	21,914	18,939	91,882	6,550	8,705	825
Lower Columbia								
Clark ^[9]	88,758	0	0	0	0	0	0	0
Cowlitz ^[10]	657,569	0	0	0	0	0	0	0
Total	746,327	0	0	0	0	0	0	0
Central Washington								
Chelan and Okanogan ^[11]	89,957	0	640	0	0	4,480	3,520	1,280
Yakima ^[12]	278,792	0	8,100	0	0	0	0	0
Total	368,749	0	8,740	0	0	4,480	3,520	1,280
Inland Empire								
Asotin ^[13]	98,250	0	0	0	0	0	0	0
Stevens ^[14]	252,330	0	0	0	0	0	0	0
Total	350,580	0	0	0	0	0	0	0
TOTAL, STATEWIDE	3,909,666	2,643	113,512	22,023	315,337	159,682	199,462	110,561

[1] Pierce includes log volume receipts for the Lumber and Log Export sectors for Pierce County only.

[2] Skagit includes log volume receipts for the Lumber Sector for Skagit, King and Whatcom counties combined only.

[3] Snohomish includes log volume receipts for the Lumber Sector in Snohomish County plus Log Export receipts for Skagit and Snohomish counties plus Post, Pole and Piling sector receipts for Snohomish, Pierce and Whatcom counties plus Roundwood Chipping receipts for Pierce, Skagit and Snohomish counties.

[4] Clallam includes log volume receipts for the Lumber Sector from Clallam and Jefferson counties plus Veneer and Plywood receipts for Clallam, Mason, Thurston, Pierce and Whatcom counties plus Pulp and Board Sector volume for the Olympic Peninsula Economic Area plus Log Export receipts for Clallam County.

[5] Grays Harbor includes log volume receipts for the Lumber Sector in Grays Harbor County, plus Veneer and Plywood in Grays Harbor, plus Shake and Shingles for Grays Harbor and Wahkiakum counties, plus Log Export Sector receipts for Grays Harbor and Thurston Counties plus Roundwood Chipping receipts for Grays Harbor and Clallam counties.

[6] Lewis County includes log volume receipts for the Lumber Sector in Lewis County only.

[7] Mason includes log volume receipts for the Lumber Sector in Mason, Pacific and Thurston counties plus Roundwood Chipping sector receipts for Mason, Lewis, Cowlitz and Klickitat counties.

**Economic area and county of origin
Olympic Peninsula**

Clallam	Grays Harbor	Jefferson	Lewis	Mason	Pacific	Thurston
46,019	4,379	19,230	11,002	52,067	0	57,015
3,000	0	1,000	9,950	0	0	4,975
19,070	70	2,787	29	8,779	0	751
-----	-----	-----	-----	-----	-----	-----
68,089	4,449	23,017	20,981	60,846	0	62,741
72,162	9,601	35,852	1,023	18,304	0	7,900
40,834	251,080	16,130	25,632	22,290	102,966	30,863
2,233	19,965	2,233	98,717	2,250	9,190	29,180
17,245	92,511	21,012	24,620	106,702	53,912	13,678
0	487	0	3,400	5,954	0	2,542
-----	-----	-----	-----	-----	-----	-----
132,474	373,644	75,226	153,392	155,500	166,068	84,162
0	0	0	4,352	0	0	0
2,940	306	0	94,004	0	19,703	2,081
-----	-----	-----	-----	-----	-----	-----
2,940	306	0	98,355	0	19,703	2,081
0	0	0	0	0	0	0
0	0	0	0	0	0	0
-----	-----	-----	-----	-----	-----	-----
0	0	0	0	0	0	0
0	0	0	0	0	0	0
-----	-----	-----	-----	-----	-----	-----
0	0	0	0	0	0	0
203,503	378,399	98,244	272,728	216,347	185,771	148,985

- [8] Thurston includes log volume receipts for the Post, Pole and Piling Sector for Thurston, Lewis and Mason counties.
- [9] Clark includes log volume receipts for the Lumber Sector from Clark, Klickitat and Skamania counties.
- [10] Cowlitz includes log volume receipts for the Lumber and Log Export sectors for Cowlitz County only.
- [11] Chelan includes log volume receipts for the Lumber Sector for Chelan and Okanogan counties only.
- [12] Yakima includes log volume receipts for the Lumber Sector for Yakima County and the Veneer and Plywood Sector for Yakima, Okanogan, Klickitat and Stevens County.
- [13] Asotin includes log volume receipts for the Roundwood Chipping Sector for Asotin and Pend Oreille counties.
- [14] Stevens includes log volume receipts for the Lumber Sector for Stevens, Asotin and Ferry counties plus the Post, Pole and Piling Sector for Stevens and Ferry counties.

Table 4: Log Utilization by County and Harvest Origin by County (continued)

Economic area and county of use	Economic area and county of origin Lower Columbia				
	Clark	Cowlitz	Klickitat	Skamania	Wahkiakum
Puget Sound					
Pierce ^[1]	0	0	0	0	0
Skagit ^[2]	0	0	0	0	0
Snohomish ^[3]	0	0	115	0	0
Total	0	0	115	0	0
Olympic Peninsula					
Clallam ^[4]	0	1,785	0	0	0
Grays Harbor ^[5]	920	5,600	0	614	620
Lewis ^[6]	0	8,986	2,500	13,000	0
Mason ^[7]	1,225	12,250	543	362	3,970
Thurston ^[8]	238	779	0	0	0
Total	2,384	29,400	3,043	13,976	4,590
Lower Columbia					
Clark ^[9]	19,682	5,320	17,215	18,687	0
Cowlitz ^[10]	74,605	351,369	0	14,338	16,955
Total	94,286	356,689	17,215	33,024	16,955
Central Washington					
Chelan and Okanogan ^[11]	0	0	0	0	0
Yakima ^[12]	0	0	30,204	5,920	0
Total	0	0	30,204	5,920	0
Inland Empire					
Asotin ^[13]	0	0	0	0	0
Stevens ^[14]	0	0	0	0	0
Total	0	0	0	0	0
TOTAL, STATEWIDE	96,670	386,089	50,578	52,920	21,545

[1] Pierce includes log volume receipts for the Lumber and Log Export sectors for Pierce County only.

[2] Skagit includes log volume receipts for the Lumber Sector for Skagit, King and Whatcom counties combined only.

[3] Snohomish includes log volume receipts for the Lumber Sector in Snohomish County plus Log Export receipts for Skagit and Snohomish counties plus Post, Pole and Piling sector receipts for Snohomish, Pierce and Whatcom counties plus Roundwood Chipping receipts for Pierce, Skagit and Snohomish counties.

[4] Clallam includes log volume receipts for the Lumber Sector from Clallam and Jefferson counties plus Veneer and Plywood receipts for Clallam, Mason, Thurston, Pierce and Whatcom counties plus Pulp and Board Sector volume for the Olympic Peninsula Economic Area plus Log Export receipts for Clallam County.

[5] Grays Harbor includes log volume receipts for the Lumber Sector in Grays Harbor County, plus Veneer and Plywood in Grays Harbor, plus Shake and Shingles for Grays Harbor and Wahkiakum counties, plus Log Export Sector receipts for Grays Harbor and Thurston Counties plus Roundwood Chipping receipts for Grays Harbor and Clallam counties.

[6] Lewis County includes log volume receipts for the Lumber Sector in Lewis County only.

[7] Mason includes log volume receipts for the Lumber Sector in Mason, Pacific and Thurston counties plus Roundwood Chipping sector receipts for Mason, Lewis, Cowlitz and Klickitat counties.

**Economic area and county of origin
Central Washington**

Chelan	Douglas	Kittitas	Lincoln	Okanogan	Yakima
0	0	21,429	0	0	0
0	0	0	0	4,975	0
4,013	0	912	0	2,613	0
----- 4,013	0	22,340	0	7,588	0
0	0	892	0	0	892
0	0	0	0	0	0
0	0	2,500	0	0	18,000
0	0	0	0	0	0
0	0	0	0	0	0
----- 0	0	3,392	0	0	18,892
0	0	0	0	0	4,352
0	0	0	0	0	0
----- 0	0	0	0	0	4,352
12,400	320	5,440	560	27,303	0
17,923	1,100	31,128	1,413	15,424	62,405
----- 30,323	1,420	36,568	1,973	42,727	62,405
0	0	0	0	0	0
0	0	0	3,002	6,242	0
----- 0	0	0	3,002	6,242	0
34,335	1,420	62,301	4,975	56,557	85,649

- [8] Thurston includes log volume receipts for the Post, Pole and Piling Sector for Thurston, Lewis and Mason counties.
- [9] Clark includes log volume receipts for the Lumber Sector from Clark, Klickitat and Skamania counties.
- [10] Cowlitz includes log volume receipts for the Lumber and Log Export sectors for Cowlitz County only.
- [11] Chelan includes log volume receipts for the Lumber Sector for Chelan and Okanogan counties only.
- [12] Yakima includes log volume receipts for the Lumber Sector for Yakima County and the Veneer and Plywood Sector for Yakima, Okanogan, Klickitat and Stevens County.
- [13] Asotin includes log volume receipts for the Roundwood Chipping Sector for Asotin and Pend Oreille counties.
- [14] Stevens includes log volume receipts for the Lumber Sector for Stevens, Asotin and Ferry counties plus the Post, Pole and Piling Sector for Stevens and Ferry counties.

Table 4: Log Utilization by County and Harvest Origin by County (continued)

Economic area and county of use	Economic area and county of origin Inland Empire							
	Asotin	Columbia	Ferry	Garfield	Pend Oreille	Spokane	Stevens	Whitman
Puget Sound								
Pierce ^[1]	0	0	0	0	0	0	0	0
Skagit ^[2]	0	0	0	0	0	0	0	0
Snohomish ^[3]	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Olympic Peninsula								
Clallam ^[4]	0	0	0	0	0	0	0	0
Grays Harbor ^[5]	0	0	0	0	0	0	0	0
Lewis ^[6]	0	0	0	0	0	0	0	0
Mason ^[7]	0	0	0	0	0	0	0	0
Thurston ^[8]	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Lower Columbia								
Clark ^[9]	0	0	0	0	0	0	0	0
Cowlitz ^[10]	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Central Washington								
Chelan and Okanogan ^[11]	0	0	30,734	0	1,000	360	1,920	0
Yakima ^[12]	0	0	15,878	0	4,938	0	73,938	0
Total	0	0	46,612	0	5,938	360	75,858	0
Inland Empire								
Asotin ^[13]	0	342	0	427	15,987	9,908	9,592	0
Stevens ^[14]	835	5,843	34,587	1,669	15,736	28,163	104,479	479
Total	835	6,184	34,587	2,096	31,723	38,072	114,071	479
TOTAL, STATEWIDE	835	6,184	81,199	2,096	37,662	38,432	189,929	479

- [1] Pierce includes log volume receipts for the Lumber and Log Export sectors for Pierce County only.
- [2] Skagit includes log volume receipts for the Lumber Sector for Skagit, King and Whatcom counties combined only.
- [3] Snohomish includes log volume receipts for the Lumber Sector in Snohomish County plus Log Export receipts for Skagit and Snohomish counties plus Post, Pole and Piling sector receipts for Snohomish, Pierce and Whatcom counties plus Roundwood Chipping receipts for Pierce, Skagit and Snohomish counties.
- [4] Clallam includes log volume receipts for the Lumber Sector from Clallam and Jefferson counties plus Veneer and Plywood receipts for Clallam, Mason, Thurston, Pierce and Whatcom counties plus Pulp and Board Sector volume for the Olympic Peninsula Economic Area plus Log Export receipts for Clallam County.
- [5] Grays Harbor includes log volume receipts for the Lumber Sector in Grays Harbor County, plus Veneer and Plywood in Grays Harbor, plus Shake and Shingles for Grays Harbor and Wahkiakum counties, plus Log Export Sector receipts for Grays Harbor and Thurston Counties plus Roundwood Chipping receipts for Grays Harbor and Clallam counties.
- [6] Lewis County includes log volume receipts for the Lumber Sector in Lewis County only.
- [7] Mason includes log volume receipts for the Lumber Sector in Mason, Pacific and Thurston counties plus Roundwood Chipping sector receipts for Mason, Lewis, Cowlitz and Klickitat counties.

Out of State

Oregon	Others
0	1,800
0	6,321
0	14,470
0	22,591
0	541
0	495
2,350	0
800	0
3,150	1,036
13,902	5,250
70,100	700
84,002	5,950
0	0
0	0
0	0
0	51,225
0	51,225
87,152	80,801

- [8] Thurston includes log volume receipts for the Post, Pole and Piling Sector for Thurston, Lewis and Mason counties.
- [9] Clark includes log volume receipts for the Lumber Sector from Clark, Klickitat and Skamania counties.
- [10] Cowlitz includes log volume receipts for the Lumber and Log Export sectors for Cowlitz County only.
- [11] Chelan includes log volume receipts for the Lumber Sector for Chelan and Okanogan counties only.
- [12] Yakima includes log volume receipts for the Lumber Sector for Yakima County and the Veneer and Plywood Sector for Yakima, Okanogan, Klickitat and Stevens County.
- [13] Asotin includes log volume receipts for the Roundwood Chipping Sector for Asotin and Pend Oreille counties.
- [14] Stevens includes log volume receipts for the Lumber Sector for Stevens, Asotin and Ferry counties plus the Post, Pole and Piling Sector for Stevens and Ferry counties.

Table 5: Log Use from National Forests

Economic area	All	Olympic	Gifford Pinchot	Mount Baker/ Snoqualmie
	National Forests			
Puget Sound	5,080	930	0	0
Olympic Peninsula	10,345	8,537	614	0
Lower Columbia	4,588	0	3,149	0
Central Washington	13,021	0	0	0
Inland Empire	14,734	0	0	0
TOTAL, STATEWIDE	47,769	9,467	3,763	0
Industry				
Lumber	31,868	3,576	2,729	0
Veneer & plywood ^[1]	9,875	4,511	614	0
Pulp & board ^[1]	0	0	0	0
Shake & shingle	0	0	0	0
Log export	0	0	0	0
Post, pole & piling	0	0	0	0
Roundwood chipping	6,025	1,380	420	0
TOTAL, STATEWIDE	47,769	9,467	3,763	0

^[1] Pulp and Board was combined with Veneer and Plywood to avoid disclosure.

Note: This table is a summary of data as reported. By economic area the totals for the national forests in Table 7 may differ because individual mill data was reported in a different economic area to avoid disclosure.

Wenatchee	Okanogan	Colville	Umatilla	Out-of-State National Forests
2,775	0	0	0	1,375
0	0	0	0	1,195
0	0	0	0	1,439
10,548	1,299	1,175	0	0
0	950	5,209	5,962	2,613
13,323	2,249	6,384	5,962	6,622
9,885	1,811	4,177	5,962	3,729
3,438	438	875	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	1,332	0	2,893
13,323	2,249	6,384	5,962	6,622

Table 6: Number of Mills Dependent Upon Ownerships for Raw Material

Economic area and industry	National Forest				State				Bureau of Land Management			
	Dependency percent											
	0	1 - 33	34 - 66	67 - 100	0	1 - 33	34 - 66	67 - 100	0	1 - 33	34 - 66	67 - 100
Puget Sound												
Lumber	19	4	--	--	8	10	4	1	23	--	--	--
Veneer & plywood ^[1]	--	--	--	--	--	--	--	--	--	--	--	--
Pulp & board	4	--	--	--	4	--	--	--	4	--	--	--
Shake & shingle	3	--	--	--	2	--	1	--	3	--	--	--
Log export	11	--	--	--	11	--	--	--	11	--	--	--
Post, pole & piling	3	--	--	--	--	--	2	1	3	--	--	--
Roundwood chipping	3	--	--	--	--	3	--	--	3	--	--	--
Total	43	4	0	0	25	13	7	2	47	0	0	0
Olympic Peninsula												
Lumber	21	7	--	--	7	15	5	1	28	--	--	--
Veneer & plywood ^[1]	8	3	--	--	4	5	1	1	10	1	--	--
Pulp & board	2	1	--	--	2	--	1	--	3	--	--	--
Shake & shingle ^[2]	36	--	--	--	33	1	1	1	36	--	--	--
Log export	11	--	--	--	11	--	--	--	11	--	--	--
Post, pole & piling	3	--	--	--	1	1	--	1	3	--	--	--
Roundwood chipping ^[3]	5	3	--	--	--	7	1	--	8	--	--	--
Total	86	14	0	0	58	29	9	4	99	1	0	0
Lower Columbia												
Lumber	8	2	--	--	2	8	--	--	10	--	--	--
Veneer & plywood ^[4]	--	--	--	--	--	--	--	--	--	--	--	--
Pulp & board ^[5]	11	--	--	--	11	--	--	--	11	--	--	--
Shake & shingle ^[2]	--	--	--	--	--	--	--	--	--	--	--	--
Log export	9	--	--	--	9	--	--	--	9	--	--	--
Post, pole & piling	--	--	--	--	--	--	--	--	--	--	--	--
Roundwood chipping ^[3]	--	--	--	--	--	--	--	--	--	--	--	--
Total	28	2	0	0	22	8	0	0	30	0	0	0
Central Washington												
Lumber	3	4	--	--	3	3	1	--	7	--	--	--
Veneer & plywood ^[4]	2	2	0	0	0	4	0	0	3	1	0	0
Pulp & board ^[5]	--	--	--	--	--	--	--	--	--	--	--	--
Shake & shingle ^[2]	--	--	--	--	--	--	--	--	--	--	--	--
Log export	--	--	--	--	--	--	--	--	--	--	--	--
Post, pole & piling	--	--	--	--	--	--	--	--	--	--	--	--
Roundwood chipping	--	--	--	--	--	--	--	--	--	--	--	--
Total	5	6	0	0	3	7	1	0	10	1	0	0
Inland Empire												
Lumber	3	5	--	--	3	5	--	--	5	3	--	--
Veneer & plywood ^[4]	--	--	--	--	--	--	--	--	--	--	--	--
Pulp & board ^[5]	--	--	--	--	--	--	--	--	--	--	--	--
Shake & shingle ^[2]	--	--	--	--	--	--	--	--	--	--	--	--
Log export	--	--	--	--	--	--	--	--	--	--	--	--
Post, pole & piling	4	--	--	--	4	--	--	--	4	--	--	--
Roundwood chipping	1	2	--	--	2	1	--	--	2	1	--	--
Total	8	7	0	0	9	6	0	0	11	4	0	0
Total, State												
Lumber	54	22	0	0	23	41	10	2	73	3	0	0
Veneer & plywood	10	5	0	0	4	9	1	1	13	2	0	0
Pulp & board	17	1	0	0	17	0	1	0	18	0	0	0
Shake & shingle	39	0	0	0	35	1	2	1	39	0	0	0
Log export	31	0	0	0	31	0	0	0	31	0	0	0
Post, pole & piling	10	0	0	0	5	1	2	2	10	0	0	0
Roundwood chipping	9	5	0	0	2	11	1	0	13	1	0	0
TOTAL, STATEWIDE	170	33	0	0	117	63	17	6	197	6	0	0

^[1] Veneer and plywood for the Puget Sound and Olympic Peninsula economic areas combined to avoid disclosure.

^[2] Shake and shingle for the Olympic Peninsula and Lower Columbia economic areas combined to avoid disclosure.

^[3] Roundwood chipping for the Olympic Peninsula and Lower Columbia economic areas combined to avoid disclosure.

	Forest Industry											
	Other public				Own wood supply				Other wood supply			
	Dependency percent											
	0	1 - 33	34 - 66	67 - 100	0	1 - 33	34 - 66	67 - 100	0	1 - 33	34 - 66	67 - 100
	18	5	--	--	18	4	1	--	7	9	2	5
	--	--	--	--	--	--	--	--	--	--	--	--
	4	--	--	--	4	--	--	--	4	--	--	--
	3	--	--	--	3	--	--	--	1	--	1	1
	11	--	--	--	8	1	--	2	1	1	1	8
	2	1	--	--	3	--	--	--	--	3	--	--
	2	1	--	--	3	--	--	--	--	--	1	2
	40	7	0	0	39	5	1	2	13	13	5	16
	22	5	1	--	17	5	3	3	8	9	7	4
	10	1	--	--	8	--	2	1	4	6	1	--
	3	--	--	--	3	--	--	--	3	--	--	--
	34	2	--	--	36	--	--	--	30	1	3	2
	11	--	--	--	7	--	3	1	--	3	2	6
	3	--	--	--	2	--	--	1	--	2	--	1
	3	5	--	--	7	1	--	--	--	1	5	2
	86	13	1	0	80	6	8	6	45	22	18	15
	8	2	--	--	5	2	1	2	4	1	4	1
	--	--	--	--	--	--	--	--	--	--	--	--
	11	--	--	--	11	--	--	--	11	--	--	--
	--	--	--	--	--	--	--	--	--	--	--	--
	9	--	--	--	6	1	--	2	3	--	1	5
	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--	--
	28	2	0	0	22	3	1	4	18	1	5	6
	6	1	--	--	4	1	2	--	5	1	1	--
	3	1	0	0	1	1	2	0	1	2	1	0
	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--	--
	9	2	0	0	5	2	4	0	6	3	2	0
	7	1	--	--	2	5	1	--	3	5	--	--
	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--	--
	4	--	--	--	4	--	--	--	3	--	--	1
	1	2	--	--	3	--	--	--	--	--	2	1
	12	3	0	0	9	5	1	0	6	5	2	2
	61	14	1	0	46	17	8	5	27	25	14	10
	13	2	0	0	9	1	4	1	5	8	2	0
	18	0	0	0	18	0	0	0	18	0	0	0
	37	2	0	0	39	0	0	0	31	1	4	3
	31	0	0	0	21	2	3	5	4	4	4	19
	9	1	0	0	9	0	0	1	3	5	0	2
	6	8	0	0	13	1	0	0	0	1	8	5
	175	27	1	0	155	21	15	12	88	44	32	39

^[4] Veneer and plywood for the Lower Columbia, Central Washington and Inland Empire economic areas combined to avoid disclosure.

^[5] Pulp and board for the Lower Columbia Washington and Inland Empire economic areas combined to avoid disclosure.

Table 6: Number of Mills Dependent Upon Ownerships for Raw Material (continued)

	Native American				Farmer & miscellaneous private			
	Dependency percent							
	0	1 - 33	34 - 66	67 - 100	0	1 - 33	34 - 66	67 - 100
Puget Sound								
Lumber	19	4	--	--	1	11	2	9
Veneer & plywood ^[1]	--	--	--	--	--	--	--	--
Pulp & board	4	--	--	--	4	--	--	--
Shake & shingle	3	--	--	--	2	1	--	--
Log export	10	1	--	--	5	6	--	--
Post, pole & piling	3	--	--	--	--	3	--	--
Roundwood chipping	2	1	--	--	1	2	--	--
Total	41	6	0	0	13	23	2	9
Olympic Peninsula								
Lumber	14	14	--	--	10	10	6	2
Veneer & plywood ^[1]	8	3	--	--	3	5	3	--
Pulp & board	3	--	--	--	2	--	1	--
Shake & shingle ^[2]	28	3	4	1	30	3	2	1
Log export	6	5	--	--	5	5	1	--
Post, pole & piling	3	--	--	--	1	2	--	--
Roundwood chipping ^[3]	6	2	--	--	2	4	2	--
Total	68	27	4	1	53	29	15	3
Lower Columbia								
Lumber	8	2	--	--	--	6	3	1
Veneer & plywood ^[4]	--	--	--	--	--	--	--	--
Pulp & board ^[5]	11	--	--	--	11	--	--	--
Shake & shingle ^[2]	--	--	--	--	--	--	--	--
Log export	8	1	--	--	4	3	1	1
Post, pole & piling	--	--	--	--	--	--	--	--
Roundwood chipping ^[3]	--	--	--	--	--	--	--	--
Total	27	3	0	0	15	9	4	2
Central Washington								
Lumber	1	3	1	2	1	5	1	--
Veneer & plywood ^[4]	0	4	0	0	0	2	2	0
Pulp & board ^[5]	--	--	--	--	--	--	--	--
Shake & shingle	--	--	--	--	--	--	--	--
Log export	--	--	--	--	--	--	--	--
Post, pole & piling	--	--	--	--	--	--	--	--
Roundwood chipping	--	--	--	--	--	--	--	--
Total	1	7	1	2	1	7	3	0
Inland Empire								
Lumber	1	6	--	1	1	2	3	2
Veneer & plywood ^[4]	--	--	--	--	--	--	--	--
Pulp & board ^[5]	--	--	--	--	--	--	--	--
Shake & shingle	--	--	--	--	--	--	--	--
Log export	--	--	--	--	--	--	--	--
Post, pole & piling	1	1	--	2	2	1	--	1
Roundwood chipping	1	2	--	--	1	2	--	--
Total	3	9	0	3	4	5	3	3
Total, State								
Lumber	43	29	1	3	13	34	15	14
Veneer & plywood	8	7	0	0	3	7	5	0
Pulp & board	18	0	0	0	17	0	1	0
Shake & shingle	31	3	4	1	32	4	2	1
Log export	24	7	0	0	14	14	2	1
Post, pole & piling	7	1	0	2	3	6	0	1
Roundwood chipping	9	5	0	0	4	8	2	0
TOTAL, STATEWIDE	140	52	5	6	86	73	27	17

^[1] Veneer and plywood for the Puget Sound and Olympic Peninsula economic areas combined to avoid disclosure.

^[2] Shake and shingle for the Olympic Peninsula and Lower Columbia economic areas combined to avoid disclosure.

^[3] Roundwood chipping for the Olympic Peninsula and Lower Columbia economic areas combined to avoid disclosure.

^[4] Veneer and plywood for the Lower Columbia, Central Washington and Inland Empire economic areas combined to avoid disclosure.

^[5] Pulp and board for the Lower Columbia Washington and Inland Empire economic areas combined to avoid disclosure.

Table 7: Log Utilization by Ownership

(Thousand board feet, Scribner rule)

Economic area and industry	All Owners	State	National Forest	Bureau of Land Management	Other Public
Puget Sound					
Lumber	733,346	153,770	5,080	--	8,485
Veneer & plywood ^[1]	--	--	--	--	--
Pulp & board	--	--	--	--	--
Shake & shingle	900	80	--	--	--
Log export	285,051	--	--	--	--
Post, pole & piling	9,060	5,477	--	--	60
Roundwood chipping	26,433	3,080	--	--	289
Total	1,054,790	162,407	5,080	--	8,834
Olympic Peninsula					
Lumber	835,431	121,761	3,140	--	36,001
Veneer & plywood ^{[1][2]}	166,694	38,237	5,125	900	300
Pulp & board ^[2]	--	--	--	--	--
Shake & shingle ^[3]	3,378	320	--	--	555
Log export	176,558	--	--	--	--
Post, pole & piling	13,694	3,322	--	--	--
Roundwood chipping ^[4]	193,465	36,378	2,080	--	11,818
Total	1,389,220	200,019	10,345	900	48,674
Lower Columbia					
Lumber	413,900	39,587	4,588	--	5,300
Veneer & plywood ^[5]	--	--	--	--	--
Shake & shingle ^[3]	--	--	--	--	--
Log export	332,427	--	--	--	--
Roundwood chipping ^[4]	--	--	--	--	--
Total	746,327	39,587	4,588	--	5,300
Central Washington					
Lumber	183,249	11,914	8,271	--	320
Veneer & plywood ^[5]	185,500	18,005	4,750	1,440	1,850
Total	368,749	29,919	13,021	1,440	2,170
Inland Empire					
Lumber	250,610	7,483	10,788	1,077	500
Veneer & plywood ^[5]	--	--	--	--	--
Post, pole & piling	1,720	--	--	--	--
Roundwood chipping	98,250	13,323	3,946	107	2,878
Total	350,580	20,806	14,734	1,183	3,378
Total, State					
Lumber	2,416,536	334,516	31,868	1,077	50,606
Veneer & plywood ^{[1][2]}	352,194	56,242	9,875	2,340	2,150
Pulp & board ^[2]	--	--	--	--	--
Shake & shingle ^[3]	4,278	400	--	--	555
Log export	794,036	--	--	--	--
Post, pole & piling	24,474	8,799	--	--	60
Roundwood chipping ^[4]	318,148	52,780	6,026	107	14,985
TOTAL, STATEWIDE	3,909,666	452,738	47,769	3,523	68,356

^[1] Veneer and plywood for Puget Sound combined with Olympic Peninsula to avoid disclosure.^[2] Pulp and Board for Olympic Peninsula combined with Veneer and plywood for Olympic Peninsula to avoid disclosure.

Forest Industry		Native American	Farmer & miscellaneous private
<i>Own wood supply</i>	<i>Other wood supply</i>		
72,221	266,755	6,275	220,760
--	--	--	--
--	--	--	--
--	780	--	40
103,901	149,729	3,076	28,346
--	2,000	--	1,524
--	18,770	950	3,344
176,121	438,033	10,300	254,014
262,858	282,161	52,399	77,111
64,344	31,858	4,669	21,262
--	--	--	--
--	894	903	707
62,285	93,527	5,695	15,051
5,463	3,665	--	1,244
340	90,845	918	51,087
395,288	502,950	64,583	166,461
114,585	123,673	5,064	121,103
--	--	--	--
--	--	--	--
98,911	189,991	1,133	42,392
--	--	--	--
213,496	313,665	6,196	163,495
45,820	22,154	76,586	18,184
60,750	17,620	26,110	54,975
106,570	39,774	102,696	73,159
37,062	29,715	37,474	126,512
--	--	--	--
--	630	1,015	75
--	66,906	2,771	8,319
37,062	97,250	41,260	134,906
532,545	724,459	177,797	563,669
125,094	49,478	30,779	76,237
--	--	--	--
--	1,674	903	747
265,096	433,247	9,904	85,789
5,463	6,294	1,015	2,843
340	176,520	4,640	62,750
928,537	1,391,672	225,036	792,035

^[3] Shake and shingle for Lower Columbia combined with Olympic Peninsula to avoid disclosure.

^[4] Roundwood chipping for Lower Columbia combined with Olympic Peninsula to avoid disclosure.

^[5] Veneer and plywood for Lower Columbia and Inland Empire combined with Central Washington to avoid disclosure.

Table 8: Log Utilization by Species

(Thousand board feet, Scribner rule)

Economic area and industry	All species	Douglas-fir	Hemlock	True firs	Spruce	Ponderosa pine	Lodgepole pine
Puget Sound							
Lumber	733,346	306,964	250,203	2,700	7,200	0	0
Veneer & plywood ^[1]							
Pulp & board	0	0	0	0	0	0	0
Shake & shingle	900	0	0	0	0	0	0
Log export	285,051	251,892	25,136	4,891	1,300	0	161
Post, pole & piling	9,060	5,384	0	0	0	0	0
Roundwood chipping	26,433	3,822	15,652	2,002	124	0	0
Total	1,054,790	568,061	290,991	9,593	8,625	0	161
Olympic Peninsula							
Lumber	835,431	231,363	397,683	2,050	9,522	3,000	12,000
Veneer & plywood ^[1]	166,284	97,030	44,678	920	2,885	0	0
Pulp & board	410	0	410	0	0	0	0
Shake & shingle ^[2]	3,378	0	0	0	0	0	0
Log export	176,558	128,103	44,429	591	3,307	0	0
Post, pole & piling	13,694	13,649	0	0	0	0	0
Roundwood chipping ^[3]	193,465	65,973	31,976	8,512	1,471	0	3,128
Total	1,389,220	536,118	519,176	12,074	17,185	3,000	15,128
Lower Columbia							
Lumber	413,900	205,189	44,561	4,350	0	360	1,440
Veneer & plywood ^[4]							
Pulp & board	0	0	0	0	0	0	0
Shake & shingle ^[2]							
Log export	332,427	324,693	4,635	1,967	0	0	0
Post, pole & piling							
Roundwood chipping ^[3]							
Total	746,327	529,882	49,196	6,317	0	360	1,440
Central Washington							
Lumber	183,249	31,814	10,880	10,490	1,260	116,043	8,163
Veneer & plywood ^[4]	185,500	162,150	0	7,200	0	370	1,480
Pulp & board	0	0	0	0	0	0	0
Shake & shingle							
Log export							
Post, pole & piling							
Roundwood chipping							
Total	368,749	193,964	10,880	17,690	1,260	116,413	9,643
Inland Empire							
Lumber	250,610	67,107	6,000	21,141	3,431	116,345	27,968
Veneer & plywood ^[4]							
Pulp & board	0	0	0	0	0	0	0
Shake & shingle							
Log export							
Post, pole & piling	1,720	0	0	0	0	300	1,420
Roundwood chipping	98,250	20,371	8,528	38,093	2,248	13,440	15,571
Total	350,580	87,478	14,528	59,234	5,679	130,085	44,959
Total, Statewide							
Lumber	2,416,536	842,436	709,327	40,731	21,413	235,748	49,571
Veneer & plywood	351,784	259,180	44,678	8,120	2,885	370	1,480
Pulp & board	410	0	410	0	0	0	0
Shake & shingle	4,278	0	0	0	0	0	0
Log export	794,036	704,688	74,200	7,449	4,608	0	161
Post, pole & piling	24,474	19,033	0	0	0	300	1,420
Roundwood chipping	318,148	90,165	56,156	48,607	3,843	13,440	18,699
TOTAL, STATEWIDE	3,909,666	1,915,503	884,771	104,907	32,749	249,858	71,331

^[1] Veneer and plywood for Puget Sound combined with Olympic Peninsula to avoid disclosure.^[2] Shake and shingle for Lower Columbia combined with Olympic Peninsula to avoid disclosure.

Western redcedar	Other softwoods	Red alder	Other hardwoods
66,297	0	96,317	3,665
0	0	0	0
900	0	0	0
604	1,067	0	0
3,676	0	0	0
289	475	2,376	1,693
71,766	1,542	98,693	5,358
66,189	0	110,480	3,145
1,512	543	1,740	16,975
0	0	0	0
3,378	0	0	0
88	39	0	0
45	0	0	0
2,677	221	73,739	5,769
73,889	802	185,959	25,889
54,000	0	97,520	6,480
0	0	0	0
0	1,133	0	0
54,000	1,133	97,520	6,480
0	4,600	0	0
0	14,300	0	0
0	0	0	0
0	18,900	0	0
8,023	594	0	0
0	0	0	0
0	0	0	0
8,023	594	0	0
194,509	5,194	304,317	13,290
1,512	14,843	1,740	16,975
0	0	0	0
4,278	0	0	0
692	2,238	0	0
3,721	0	0	0
2,966	696	76,114	7,462
207,678	22,971	382,171	37,727

^[3] Roundwood chipping for Lower Columbia combined with Olympic Peninsula to avoid disclosure.

^[4] Veneer and plywood for Lower Columbia and Inland Empire combined with Central Washington to avoid disclosure.

Table 9: Production and Disposition of Wood and Bark Residues

(Tons, dry weight)

Economic area and industry	Wood residues							
	All residues	All wood	Used ^[1]					Unused
			Total	Pulp	Board	Fuel	Other	
Puget Sound								
Lumber	1,511,750	1,149,862	1,149,862	665,204	115,586	204,831	164,241	0
Veneer & plywood ^[2]	---	---	---	---	---	---	---	---
Shake & shingle ^[3]	---	---	---	---	---	---	---	---
Other ^[4]	0	0	0	0	0	0	0	0
Total	1,511,750	1,149,862	1,149,862	665,204	115,586	204,831	164,241	0
Olympic Peninsula								
Lumber	1,766,287	1,341,356	1,341,356	858,315	115,955	317,755	49,331	0
Veneer & plywood ^[2]	277,082	259,527	259,527	174,198	0	67,929	17,400	0
Shake & shingle ^[3]	244,785	215,324	76,902	3,501	0	50,595	22,806	138,422
Other ^[4]	0	0	0	0	0	0	0	0
Total	2,288,154	1,816,207	1,677,785	1,036,014	115,955	436,279	89,537	138,422
Lower Columbia								
Lumber	819,062	613,632	613,632	360,626	66,273	173,903	12,830	0
Veneer & plywood ^[5]	---	---	---	---	---	---	---	---
Shake & shingle ^[3]	---	---	---	---	---	---	---	---
Other ^{[4] [6]}	0	0	0	0	0	0	0	0
Total	819,062	613,632	613,632	360,626	66,273	173,903	12,830	0
Central Washington								
Lumber	318,347	251,631	251,631	114,055	77,374	44,417	15,785	0
Veneer & plywood ^[5]	335,084	326,158	326,158	251,563	10,032	57,016	7,547	0
Shake & shingle ^[7]	---	---	---	---	---	---	---	---
Other ^{[4] [5] [6] [8] [9]}	---	---	---	---	---	---	---	---
Total	703,251	627,609	627,609	404,528	87,406	106,053	29,622	0
Inland Empire								
Lumber	404,973	307,261	307,261	248,038	23,220	35,780	223	0
Veneer & plywood ^[5]	---	---	---	---	---	---	---	---
Shake & shingle ^[7]	---	---	---	---	---	---	---	---
Other ^{[4] [8]}	0	0	0	0	0	0	0	0
Total	404,973	307,261	307,261	248,038	23,220	35,780	223	0
Total, State								
Lumber	4,820,419	3,663,742	3,663,742	2,246,238	398,408	776,686	242,410	0
Veneer & plywood	612,166	585,685	585,685	425,761	10,032	124,945	24,947	0
Shake & shingle	244,785	215,324	76,902	3,501	0	50,595	22,806	138,422
Other ^[4]	0	0	0	0	0	0	0	0
TOTAL, STATEWIDE	5,677,370	4,464,751	4,326,329	2,675,500	408,440	952,226	290,163	138,422

^[1] Used residues were not necessarily consumed in the economic area in which they were produced.^[2] Veneer and plywood for Puget Sound combined with Olympic Peninsula to avoid disclosure.^[3] Shake and shingle for Puget Sound and Lower Columbia combined with Olympic Peninsula to avoid disclosure.^[4] Other includes log export operations, post, pole and piling operations, and roundwood chipping operations.^[5] Veneer and plywood for Lower Columbia and Inland Empire combined with Central Washington to avoid disclosure.

Bark residues							
All bark	Used ^[1]					Unused	
	Total	Pulp	Board	Fuel	Other		
361,888	361,062	0	0	109,486	251,576	826	
---	---	---	---	---	---	---	
---	---	---	---	---	---	---	
0	0	0	0	0	0	0	
361,888	361,062	0	0	109,486	251,576	826	
424,931	422,454	0	0	383,661	38,793	2,477	
17,555	17,555	0	0	5,993	11,562	0	
29,461	18,805	0	0	11,732	7,073	10,656	
0	0	0	0	0	0	0	
471,947	458,814	0	0	401,386	57,428	13,133	
205,430	205,430	0	0	157,835	47,595	0	
---	---	---	---	---	---	---	
---	---	---	---	---	---	---	
0	0	0	0	0	0	0	
205,430	205,430	0	0	157,835	47,595	0	
66,716	66,716	0	0	50,462	16,254	0	
8,926	8,926	0	0	6,418	2,508	0	
---	---	---	---	---	---	---	
---	---	---	---	---	---	---	
75,642	75,642	0	0	56,880	18,762	0	
97,712	97,712	0	0	93,270	4,442	0	
---	---	---	---	---	---	---	
---	---	---	---	---	---	---	
0	0	0	0	0	0	0	
97,712	97,712	0	0	93,270	4,442	0	
1,156,677	1,153,374	0	0	794,714	358,660	3,303	
26,481	26,481	0	0	12,411	14,070	0	
29,461	18,805	0	0	11,732	7,073	10,656	
0	0	0	0	0	0	0	
1,212,619	1,198,660	0	0	818,857	379,803	13,959	

^[6] No post, pole and piling operations were reported for the Lower Columbia or Central Washington economic areas.

^[7] No shake and shingle mills were reported for the Central Washington and Inland Empire economic areas.

^[8] No log export operations were reported for the Central Washington and Inland Empire economic areas.

^[9] No roundwood chipping operations were reported for the Central Washington economic area.

Washington Mill Summary - 1998

Table 10: Log Utilization by Log Diameter

(Thousand board feet, Scribner rule)

Economic area and industry	Total	Log diameter			
		Less than 5.0 inches	5.0 to 10.9 inches	11.0 to 20.9 inches	21 inches or more
Puget sound					
Lumber	733,346	27,695	294,155	354,675	56,821
Veneer & plywood ^{[1] [2]}					
Pulp & board	0	0	0	0	0
Shake & shingle	900	0	0	0	900
Log export	285,051	0	62,383	198,400	24,268
Post, pole & piling	9,060	2,700	4,787	1,574	0
Roundwood chipping	26,433	17,098	7,166	1,406	764
Total	1,054,790	47,493	368,490	556,054	82,753
Olympic Peninsula					
Lumber	835,431	41,732	447,935	287,230	58,534
Veneer & plywood ^{[1] [2]}	166,694	2,714	87,856	58,262	17,862
Pulp & board ^[2]					
Shake & shingle ^[3]	3,378	0	0	188	3,190
Log export	176,558	0	62,910	107,134	6,515
Post, pole & piling	13,694	0	8,894	4,800	0
Roundwood chipping ^[4]	193,465	81,015	49,315	44,316	18,819
Total	1,389,220	125,461	656,910	501,929	104,920
Lower Columbia					
Lumber	413,900	54,984	166,732	170,118	22,065
Veneer & plywood ^[5]					
Shake & shingle ^[3]					
Log export	332,427	0	67,992	252,552	11,883
Roundwood chipping ^[4]					
Total	746,327	54,984	234,724	422,670	33,948
Central Washington					
Lumber	183,249	5,314	86,146	74,466	17,323
Veneer & plywood ^[5]	185,500	9,500	122,250	37,900	15,850
Total	368,749	14,814	208,396	112,366	33,173
Inland Empire					
Lumber	250,610	17,000	114,052	98,092	21,466
Veneer & plywood ^[5]					
Post, pole & piling	1,720	1,675	45	0	0
Roundwood chipping	98,250	49,147	22,021	24,303	2,780
Total	350,580	67,822	136,118	122,395	24,246
Total, State					
Lumber	2,416,536	146,726	1,109,020	984,581	176,209
Veneer & plywood ^[6]	352,194	12,214	210,106	96,162	33,712
Pulp & board ^[6]					
Shake & shingle	4,278	0	0	188	4,090
Log export	794,036	0	193,285	558,086	42,666
Post, pole & piling	24,474	4,375	13,726	6,373	0
Roundwood chipping	318,148	147,259	78,501	70,025	22,363
STATEWIDE	3,909,666	310,574	1,604,638	1,715,415	279,039

[1] Veneer and plywood for the Puget Sound and Olympic Peninsula economic areas combined to avoid disclosure.

[2] Pulp and Board for the Olympic Peninsula combined with Veneer and Plywood for the Olympic Peninsula and Puget Sound to avoid disclosure.

[3] Shake and shingle for the Olympic Peninsula and Lower Columbia economic areas combined to avoid disclosure.

[4] Roundwood chipping for the Olympic Peninsula and Lower Columbia economic areas combined to avoid disclosure.

[5] Veneer and plywood for the Lower Columbia, Central Washington and Inland Empire economic areas combined to avoid disclosure.

[6] Pulp and Board combined with Veneer and Plywood to avoid disclosure.

Table 11: Number of Sawmills by Mill-Size Class

Economic area and county	All Classes	Industry Mill-size class ^[1]			
		D	C	B	A
Puget Sound					
King	2	1	0	0	1
Pierce	6	0	0	1	5
Skagit	4	2	1	1	0
Snohomish	9	1	1	1	6
Whatcom	2	1	0	1	0
Total	23	5	2	4	12
Olympic Peninsula					
Clallam	3	0	1	0	2
Grays Harbor	6	1	1	1	3
Jefferson	1	0	0	0	1
Lewis	8	1	0	0	7
Mason	5	1	0	2	2
Pacific	2	0	1	0	1
Thurston	3	2	0	0	1
Total	28	5	3	3	17
Lower Columbia					
Clark	2	0	1	0	1
Cowlitz	6	1	0	2	3
Klickitat	1	0	0	0	1
Skamania	1	0	0	0	1
Total	10	1	1	2	6
Central Washington					
Chelan	2	1	0	0	1
Okanogan	2	0	0	0	2
Yakima	3	1	0	0	2
Total	7	2	0	0	5
Inland Empire					
Asotin	1	0	0	0	1
Ferry	1	0	0	0	1
Stevens	6	1	2	0	3
Total	8	1	2	0	5
TOTAL, STATEWIDE	76	14	8	9	45

^[1] Mill-size classes are identified as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; A = 120,000+.

Table 12: Installed Eight-Hour Single Shift Capacity

(Thousand board feet, lumber tally)

Economic area and county	Total capacity	Mill-size Class ⁽¹⁾			
		D	C	B	A
Puget Sound					
King	522	2			520
Pierce	1,108			100	1,008
Skagit	234	60	74	100	
Snohomish	1,710	20	70	100	1,520
Whatcom	112	2		110	
Total	3,686	84	144	410	3,048
Olympic Peninsula					
Clallam	490	0	50	0	440
Grays Harbor	988	28	50	110	800
Jefferson	120	0	0	0	120
Lewis	1,490	6	0	0	1,484
Mason	1,072	32	0	190	850
Pacific	368	0	75	0	293
Thurston	196	6	0	0	190
Total	4,724	72	175	300	4,177
Lower Columbia					
Clark	275	0	75	0	200
Cowlitz	1,270	20	0	200	1,050
Klickitat	120	0	0	0	120
Skamania	220	0	0	0	220
Total	1,885	20	75	200	1,590
Central Washington					
Chelan	335	35			300
Okanogan	320				320
Yakima	290	20			270
Total	945	55	0	0	890
Inland Empire					
Asotin	160				160
Ferry	160				160
Stevens	769	1	122		646
Total	1,089	1	122	0	966
TOTAL, STATEWIDE	12,329	232	516	910	10,671

⁽¹⁾ Mill-size classes are defined as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; A = 120,000+.

Table 13: Number of Sawmills with Selected Equipment by Mill-Size Class

Economic area and mill size-class⁽¹⁾	Barker	Chipper	Planer	Burner	Kiln
Puget Sound					
D	3	3	3	0	2
C	2	2	2	0	2
B	4	4	4	0	2
A	12	12	12	0	8
Total	21	21	21	0	14
Olympic Peninsula					
D	2	3	5	0	2
C	1	3	0	0	1
B	3	3	2	0	2
A	17	14	16	3	12
Total	23	23	23	3	17
Lower Columbia					
D	1	1	0	0	0
C	1	1	1	0	1
B	2	2	2	0	2
A	6	5	5	0	5
Total	10	9	8	0	8
Central Washington					
D	2	2	2	0	2
A	5	4	5	1	5
Total	7	6	7	1	7
Inland Empire					
D	0	0	0	0	0
C	2	2	2	1	2
A	5	5	5	0	4
Total	7	7	7	1	6
Total, State					
D	7	8	10	0	6
C	11	12	10	2	11
B	14	14	13	0	10
A	45	40	43	4	34
TOTAL, STATEWIDE	68	66	66	5	52

⁽¹⁾ Mill-size classes are identified as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; A = 120,000+.

Table 14: Number of Sawmills with Selected Equipment by County

Economic area and county	Barker	Chipper	Planer	Burner	Kiln
Puget sound					
Island					
King	1	1	2	0	1
Kitsap					
Pierce	6	6	6	0	3
San Juan					
Skagit	4	4	3	0	2
Snohomish	9	9	9	0	7
Whatcom	1	1	1	0	1
Total	21	21	21	0	14
Olympic peninsula					
Clallam	3	2	2	0	1
Grays Harbor	5	6	4	0	2
Jefferson	1	1	1	0	1
Lewis	7	8	7	3	7
Mason	5	3	5	0	4
Pacific	1	2	1	0	2
Thurston	1	1	3	0	0
Total	23	23	23	3	17
Lower Columbia					
Clark	2	2	2	0	2
Cowlitz	6	5	4	0	4
Klickitat	1	1	1	0	1
Skamania	1	1	1	0	1
Wahkiakum					
Total	10	9	8	0	8
Central Washington					
Adams					
Benton					
Chelan	2	2	2	0	2
Douglas					
Franklin					
Grant					
Kittitas					
Lincoln					
Okanogan	2	2	2	1	2
Yakima	3	2	3	0	3
Total	7	6	7	1	7
Inland empire					
Asotin	1	1	1	0	1
Columbia					
Ferry	1	1	1	0	1
Garfield					
Pend Oreille					
Spokane					
Stevens	5	5	5	1	4
Walla Walla					
Whitman					
Total	7	7	7	1	6
TOTAL, STATEWIDE	68	66	66	5	52

Table 15: Number of Sawmills by Headrig Type and Size

Economic area and mill-size class ⁽¹⁾	Circular saw				Bandsaw			Gang saw	Chipping saw	Scragg
	2 ft	4 ft	6 ft	8 ft	2 ft	4 ft	6 ft	2ft	2ft	2ft
Puget Sound										
D	0	2	0	0	0	3	0	0	1	0
C	0	0	0	0	0	2	0	1	1	0
B	0	0	0	0	0	3	1	0	3	0
A	0	0	0	0	4	4	4	3	4	1
Total	0	2	0	0	4	12	5	4	9	1
Olympic Peninsula										
D	1	1	0	1	0	2	0	0	0	1
C	1	0	0	0	0	1	1	0	0	0
B	0	0	0	0	1	1	0	0	0	1
A	1	2	0	0	3	4	4	3	4	3
Total	3	3	0	1	4	8	5	3	4	5
Lower Columbia										
D	0	0	0	0	0	0	1	0	0	0
C	0	0	0	0	0	0	1	0	0	0
B	0	0	0	0	0	2	0	1	1	0
A	0	0	0	0	2	3	1	0	1	0
Total	0	0	0	0	2	5	3	1	2	0
Central Washington										
D	0	0	0	0	0	0	0	0	1	1
A	0	0	1	0	1	0	3	0	3	0
Total	0	0	1	0	1	0	3	0	4	1
Inland Empire										
D	1	0	0	0	0	0	0	0	0	0
C	0	0	0	0	0	2	0	0	0	0
A	0	0	0	0	2	2	1	0	2	0
Total	1	0	0	0	2	4	1	0	2	0
Total, State										
D	2	3	0	1	0	5	1	0	2	2
C	1	0	0	0	0	5	2	1	1	0
B	0	0	0	0	1	6	1	1	4	1
A	1	2	1	0	12	13	13	6	14	4
TOTAL, STATEWIDE	4	5	1	1	13	29	17	8	21	7

⁽¹⁾ Mill-size classes are identified as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; A = 120,000+.

Table 16: Average Number of Operating Days

Economic area and mill-size class ^[1]	Average number of operating days per year	Economic area and mill-size class ^[1]	Average number of operating days per year
Puget Sound		Central Washington	
D	108	D (Combined with C in the Inland Empire)	---
C (Combined with B)	---	C (No mills reported)	---
B (Combined with C)	230	B (No mills reported)	---
A	240	A	222
	-----		-----
Weighted Average	209	Weighted Average	222
Olympic Peninsula		Inland Empire	
D (Combined with C)	---	D (Combined with C)	---
C (Combined with D)	204	C (Combined with D and D in Central Washington)	157
B	239	B (No mills reported)	---
A	221	A	242
	-----		-----
Weighted Average	218	Weighted Average ^[2]	174
Lower Columbia		STATEWIDE	
D (Combined with B)	---	D	153
C (Combined with B)	---	C	222
B (Combined with C and D)	249	B	237
A	232	A	230
	-----		-----
Weighted Average	239	Weighted Average	216

^[1] Mill-size classes are identified as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; A = 120,000+.

^[2] Inland Empire economic area includes Class D mills from the Central Washington economic area.

Table 17: Type of Wood Utilized
(Thousand Board Feet)

Economic area and mill-size class ^[1]	Roundwood			Other	
	All roundwood	Sound Logs	Utility Logs	Peeler cores	Other
	-----Scribner Log rule-----			-----Lumber tally-----	
Puget Sound					
D	6,588	5,762	826	0	0
B and C ^[2]	96,752	93,814	2,938	0	0
A	630,006	587,052	42,954	0	0
Total	733,346	686,628	46,718	0	0
Olympic Peninsula					
C and D ^[2]	41,830	35,973	5,857	60,000	0
B	31,896	29,579	2,317	0	0
A	761,705	698,515	63,190	0	0
Total	835,431	764,067	71,364	60,000	0
Lower Columbia					
B, C, & D ^[2]	132,000	127,290	4,710	0	0
A	281,900	267,286	14,614	0	0
Total	413,900	394,576	19,324	0	0
Central Washington					
D ^[3]					
A	182,699	175,154	7,545	0	0
Total	182,699	175,154	7,545	0	0
Inland Empire					
C & D ^{[2][3]}	36,046	36,040	6	0	0
A	215,114	205,273	9,841	0	0
Total	251,160	241,313	9,847	0	0
Total, State					
D ^[4]	6,588	5,762	826	0	0
C ^[5]	77,876	72,013	5,863	60,000	0
B ^[6]	260,648	250,683	9,965	0	0
A	2,071,424	1,933,280	138,144	0	0
TOTAL, STATEWIDE	2,416,536	2,261,738	154,798	60,000	0

^[1] Mill-size classes are identified as follows: Class D mills = less than 40,000 board feet of lumber

^[1] Mill-size classes are identified as follows: Class D mills = less than 40,000 board feet of lumber
tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; A = 120,000+.

^[2] Combined to avoid disclosure.

^[3] The Class D mills for Central Washington are combined with the Inland Empire C and D class mills
to avoid disclosure.

^[4] Total for Class D includes Class D for Puget Sound only.

^[5] Total for Class C includes Class D for Central Washington, Class C for Puget Sound, and Classes
C and D for the Olympic Peninsula and Inland Empire.

^[6] Total for Class B includes Class B for Puget Sound and Olympic Peninsula and Classes B, C, and
D for Lower Columbia.

Table 18: Log Use by Diameter Class

(Thousand Board Feet, Scribner Rule)

Economic area and mill-size class ^[1]	Total	Diameter classes			
		Less than 5.0 inches	5.0 to 10.9 inches	11.0 to 20.9 inches	21 inches or more
Puget Sound					
D	6,588	11	3,270	2,278	1,030
B and C ^[2]	96,752	7,800	30,681	45,221	13,050
A	630,006	19,884	260,204	307,176	42,741
Total	733,346	27,695	294,155	354,675	56,821
Olympic Peninsula					
C and D ^[2]	41,830	3,210	7,083	26,783	4,755
B	31,896	2,200	28,506	1,190	0
A	761,705	36,322	412,346	259,257	53,779
Total	835,431	41,732	447,935	287,230	58,534
Lower Columbia					
B, C, & D ^[2]	132,000	32,820	44,500	51,250	3,430
A	281,900	22,164	122,232	118,868	18,635
Total	413,900	54,984	166,732	170,118	22,065
Central Washington					
D ^[3]					
C ^[4]					
B ^[4]					
A	182,699	5,311	85,702	74,363	17,323
Total	182,699	5,311	85,702	74,363	17,323
Inland Empire					
C & D ^{[2] [3]}	36,046	3	5,820	22,861	7,362
A	215,114	17,000	108,676	75,334	14,104
Total	251,160	17,003	114,496	98,195	21,466
Total, State					
D ^[5]	6,588	11	3,270	2,278	1,030
C ^[6]	77,876	3,213	12,903	49,644	12,117
B ^[7]	260,648	42,820	103,687	97,661	16,480
A	2,071,424	100,682	989,161	834,999	146,582
TOTAL, STATEWIDE	2,416,536	146,726	1,109,020	984,581	176,209

^[1] Mill size-class defined as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; A = 120,000+.

^[2] Combined to avoid disclosure.

^[3] The Class D mills for Central Washington are combined with the Inland Empire C and D class mills.

^[4] No mills reported for this mill-size class.

^[5] Total for Class D includes Class D for Puget Sound only.

^[6] Total for Class C includes Class D for Central Washington, Class C for Puget Sound and Classes C and D for the Olympic Peninsula and Inland Empire.

^[7] Total for Class B includes Class B for Puget Sound and Olympic Peninsula and Classes B, C, and D for Lower Columbia.

Table 19: Ownership Origin of Logs Utilized by Mill-Size Class

(Thousand board feet, Scribner rule)

Economic area and mill-size class ^[1]	All owners	State	National Forest	Bureau of Land Management	Other Public
Puget Sound					
D	6,588	616	0	0	0
B and C ^[2]	96,752	24,965	0	0	0
A	630,006	128,189	5,080	0	8,485
Total	733,346	153,770	5,080	0	8,485
Olympic Peninsula					
C and D ^[3]	41,830	4,805	530	0	0
B	31,896	2,495	595	0	0
A	761,705	114,461	2,015	0	36,001
Total	835,431	121,761	3,140	0	36,001
Lower Columbia					
B, C and D ^[4]	132,000	10,380	0	0	0
A	281,900	29,207	4,588	0	5,300
Total	413,900	39,587	4,588	0	5,300
Central Washington					
D ^[5]					
C ^[6]					
B ^[6]					
A	182,699	11,714	8,271	0	320
Total	182,699	11,714	8,271	0	320
Inland Empire					
C and D ^[5]	36,046	1,103	286	287	0
B ^[6]					
A	215,114	6,580	10,502	790	500
Total	251,160	7,683	10,788	1,077	500
Total, State					
D ^[7]	6,588	616	0	0	0
C ^[8]	77,876	5,908	816	287	0
B ^[9]	260,648	37,840	595	0	0
A	2,071,424	290,151	30,456	790	50,606
TOTAL, STATEWIDE	2,416,536	334,515	31,867	1,077	50,606

^[1] Mill-size classes are defined as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; and A = 120,000+.

^[2] Mill-size classes B and C for Puget Sound are combined to avoid disclosure.

^[3] Mill-size classes C and D for Olympic Peninsula combined to avoid disclosure.

^[4] Mill-size classes B, C and D for Lower Columbia combined to avoid disclosure.

^[5] Mill-size classes D for Central Washington and C and D for Inland Empire combined to avoid disclosure.

Forest industry		Native American	Farmer and Miscellaneous Private
Own wood supply s	Other wood supply		
0	492	0	5,480
198	17,413	2,150	52,026
72,023	248,850	4,125	163,254
72,221	266,755	6,275	220,760
9,000	6,000	1,900	19,595
0	14,906	3,000	10,900
253,858	261,255	47,499	46,616
262,858	282,161	52,399	77,111
27,000	38,550	0	56,070
87,585	85,123	5,064	65,033
114,585	123,673	5,064	121,103
45,820	22,154	76,336	18,084
45,820	22,154	76,336	18,084
5,445	9,170	9,615	10,140
31,617	20,545	28,109	116,471
37,062	29,715	37,724	126,611
0	492	0	5,480
14,445	15,170	11,515	29,735
27,198	70,869	5,150	118,996
490,903	637,927	161,133	409,458
532,546	724,458	177,798	563,669

^[6] No mills reported for this mill-size class.

^[7] Total for Class D only has Class D mills for Puget Sound.

^[8] Total for Class C includes Class D for Central Washington, Class C for Puget Sound, and Classes C and D for the Olympic Peninsula and Inland Empire.

^[9] Total for Class B is the total of mill-size classes B and C for Puget Sound, B for Olympic, and B, C, and D for Lower Columbia.

Table 20: Ownership Origin of Logs by Economic Area and County

(Thousand board feet, Scribner rule)

Economic area and county	All owners	State	National Forest	Bureau of Land Management	Other Public
Puget Sound					
King / Skagit/ and Whatcom ^[1]	156,840	7,876	0	0	0
Pierce	253,279	19,152	480	0	1,610
Snohomish	323,227	126,742	4,600	0	6,875
Total	733,346	153,770	5,080	0	8,485
Olympic Peninsula					
Clallam / Jefferson ^[1]	79,337	23,961	996	0	0
Grays Harbor	175,418	5,145	2,045	0	2,050
Lewis	274,568	61,200	0	0	2,350
Mason / Thurston / and Pacific ^[1]	306,108	31,455	99	0	31,601
Total	835,431	121,761	3,140	0	36,001
Lower Columbia					
Clark / Klickitat / and Skamania ^[1]	88,758	13,987	4,588	0	5,300
Cowlitz	325,142	25,600	0	0	0
Total	413,900	39,587	4,588	0	5,300
Central Washington					
Chelan / Okanogan / and Yakima ^{[1][2]}	182,699	11,714	8,271	0	320
Total	182,699	11,714	8,271	0	320
Inland Empire					
Asotin / Ferry / and Stevens ^{[1][2]}	251,160	7,683	10,788	1,077	500
Total	251,160	7,683	10,788	1,077	500
TOTAL, STATEWIDE	2,416,536	334,515	31,867	1,077	50,606

[1] Combined to avoid disclosure.

[2] Mill size-class D mills in Central Washington are included in the Inland Empire Economic Area total to avoid disclosure.

Forest industry		Native American	Farmer and Miscellaneous Private
Own wood supply su	Other wood pply		
64,873	39,655	2,150	42,286
537	121,832	3,000	106,668
6,811	105,268	1,125	71,806
72,221	266,755	6,275	220,760
3,404	46,282	3,458	1,236
112,482	35,406	6,090	12,200
24,250	138,293	21,750	26,725
122,722	62,180	21,101	36,950
262,858	282,161	52,399	77,111
19,400	16,623	5,064	23,796
95,185	107,050	0	97,307
114,585	123,673	5,064	121,103
45,820	22,154	76,336	18,084
45,820	22,154	76,336	18,084
37,062	29,715	37,724	126,611
37,062	29,715	37,724	126,611
532,546	724,458	177,798	563,669

Table 21: Number of Mills Dependent Upon Ownerships for Logs

Economic area and Mill-size class ^[1]	National Forest				State				Bureau of Land Management				Other Public			
	0	1-33	34-66	67-100	0	1-33	34-66	67-100	0	1-33	34-66	67-100	0	1-33	34-66	67-100
Puget Sound																
D	5	0	0	0	4	0	1	0	5	0	0	0	5	0	0	0
B and C ^[2]	6	0	0	0	1	4	0	1	6	0	0	0	6	0	0	0
A	8	4	0	0	3	6	3	0	12	0	0	0	7	5	0	0
Total	19	4	0	0	8	10	4	1	23	0	0	0	18	5	0	0
Olympic Peninsula																
C and D ^[3]	6	2	0	0	3	3	1	1	8	0	0	0	8	0	0	0
B	1	2	0	0	0	2	1	0	3	0	0	0	3	0	0	0
A	14	3	0	0	4	10	3	0	17	0	0	0	11	5	1	0
Total	21	7	0	0	7	15	5	1	28	0	0	0	22	5	1	0
Lower Columbia																
B, C and D ^[4]	4	0	0	0	1	3	0	0	4	0	0	0	4	0	0	0
A	4	2	0	0	1	5	0	0	6	0	0	0	4	2	0	0
Total	8	2	0	0	2	8	0	0	10	0	0	0	8	2	0	0
Central Washington																
D ^[5]																
C ^[6]																
B ^[6]																
A	1	4	0	0	2	3	0	0	5	0	0	0	4	1	0	0
Total	1	4	0	0	2	3	0	0	5	0	0	0	4	1	0	0
Inland Empire																
C and D ^[5]	4	2	0	0	2	3	1	0	4	2	0	0	6	0	0	0
B ^[6]																
A	1	3	0	0	2	2	0	0	3	1	0	0	3	1	0	0
Total	5	5	0	0	4	5	1	0	7	3	0	0	9	1	0	0
Total State																
D ^[7]	5	0	0	0	4	0	1	0	5	0	0	0	5	0	0	0
C ^[8]	10	4	0	0	5	6	2	1	12	2	0	0	14	0	0	0
B ^[9]	11	2	0	0	2	9	1	1	13	0	0	0	13	0	0	0
A	28	16	0	0	12	26	6	0	43	1	0	0	29	14	1	0
TOTAL, STATEWIDE	54	22	0	0	23	41	10	2	73	3	0	0	61	14	1	0

^[1] Mill-size classes are defined as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; and A = 120,000+.

^[2] Mill-size classes B and C for Puget Sound are combined to avoid disclosure.

^[3] Mill-size classes C and D for Olympic Peninsula combined to avoid disclosure.

^[4] Mill-size classes B, C and D for Lower Columbia combined to avoid disclosure.

Other Public				Forest industry								Native American				Farmer & miscellaneous private			
0	1-33	34-66	67-100	Own wood supply				Other wood supply				0	1-33	34-66	67-100	0	1-33	34-66	67-100
5	0	0	0	5	0	0	0	4	0	1	0	5	0	0	0	0	1	0	4
6	0	0	0	5	1	0	0	2	3	1	0	4	2	0	0	0	2	1	3
7	5	0	0	8	3	1	0	1	6	0	5	10	2	0	0	1	8	1	2
18	5	0	0	18	4	1	0	7	9	2	5	19	4	0	0	1	11	2	9
8	0	0	0	7	0	0	1	4	4	0	0	6	2	0	0	2	0	4	2
3	0	0	0	3	0	0	0	1	1	0	1	2	1	0	0	1	0	2	0
11	5	1	0	7	5	3	2	3	4	7	3	6	11	0	0	7	10	0	0
22	5	1	0	17	5	3	3	8	9	7	4	14	14	0	0	10	10	6	2
4	0	0	0	2	1	0	1	2	1	1	0	4	0	0	0	0	1	2	1
4	2	0	0	3	1	1	1	2	0	3	1	4	2	0	0	0	5	1	0
8	2	0	0	5	2	1	2	4	1	4	1	8	2	0	0	0	6	3	1
4	1	0	0	2	1	2	0	3	1	1	0	1	2	1	1	0	4	1	0
4	1	0	0	2	1	2	0	3	1	1	0	1	2	1	1	0	4	1	0
6	0	0	0	4	2	0	0	4	2	0	0	0	4	0	2	2	3	0	1
3	1	0	0	0	3	1	0	1	3	0	0	1	3	0	0	0	0	3	1
9	1	0	0	4	5	1	0	5	5	0	0	1	7	0	2	2	3	3	2
5	0	0	0	5	0	0	0	4	0	1	0	5	0	0	0	0	1	0	4
14	0	0	0	11	2	0	1	8	6	0	0	6	6	0	2	4	3	4	3
13	0	0	0	10	2	0	1	5	5	2	1	10	3	0	0	1	3	5	4
29	14	1	0	20	13	8	3	10	14	11	9	22	20	1	1	8	27	6	3
61	14	1	0	46	17	8	5	27	25	14	10	43	29	1	3	13	34	15	14

[5] Mill-size classes D for Central Washington and C and D for Inland Empire combined to avoid disclosure.

[6] No mills reported for this mill-size class.

[7] Total for Class D only has Class D mills for Puget Sound.

[8] Total for Class C includes Class D for Central Washington, Class C for Puget Sound, and Classes C and D for the Olympic Peninsula and Inland Empire.

[9] Total for Class B is the total of mill-size classes B and C for Puget Sound, B for Olympic, and B, C, and D for Lower Columbia.

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Table 22: Log Utilization by Species by Mill-Class

(Thousand board Feet, Scribner Rule)

Economic area and mill-size class ^[1]	All Species	Douglas Fir	Hemlock	True fir	Spruce	Ponderosa Pine	Lodgepole Pine
Puget Sound							
D	6,588	574	705	0	0	0	0
B and C ^[2]	96,752	23,300	11,200	450	150	0	0
A	630,006	283,090	238,299	2,250	7,050	0	0
Total	733,346	306,964	250,203	2,700	7,200	0	0
Olympic Peninsula							
C and D ^[3]	41,830	1,045	16,060	1,000	2,000	0	0
B	31,896	1,900	8,907	0	0	0	0
A	761,705	228,418	372,715	1,050	7,522	3,000	12,000
Total	835,431	231,363	397,683	2,050	9,522	3,000	12,000
Lower Columbia							
B, C and D ^[4]	132,000	13,860	140	0	0	0	0
A	281,900	191,329	44,421	4,350	0	360	1,440
Total	413,900	205,189	44,561	4,350	0	360	1,440
Central Washington							
D ^[5]							
C ^[6]							
B ^[6]							
A	182,699	31,776	10,880	10,400	1,260	116,020	7,763
Total	182,699	31,776	10,880	10,400	1,260	116,020	7,763
Inland Empire							
C and D ^[5]	65,045	5,518	0	288	0	52,198	6,447
B ^[6]							
A	186,115	61,627	6,000	20,943	3,431	64,169	21,921
Total	251,160	67,145	6,000	21,231	3,431	116,368	28,368
Total State							
D ^[7]	6,588	574	705	0	0	0	0
C ^[8]	106,875	6,563	16,060	1,288	2,000	52,198	6,447
B ^[9]	260,648	39,060	20,247	450	150	0	0
A	2,042,425	796,240	672,316	38,993	19,263	183,550	43,124
TOTAL, STATEWIDE	2,416,536	842,436	709,327	40,731	21,413	235,748	49,571

^[1] Mill-size classes are defined as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift;

C = 40,000 - 79,999; B = 80,000 - 119,999; and A = 120,000+.

^[2] Mill-size classes B and C for Puget Sound are combined to avoid disclosure.^[3] Mill-size classes C and D for Olympic Peninsula combined to avoid disclosure.^[4] Mill-size classes B, C and D for Lower Columbia combined to avoid disclosure.^[5] Mill-size classes D for Central Washington and C and D for Inland Empire combined to avoid disclosure.

Western red cedar	Other softwoods	Red alder	Other hardwoods
1,307	0	4,000	3
21,900	0	37,777	1,975
43,090	0	54,540	1,687
66,297	0	96,317	3,665
100	0	20,340	1,285
21,089	0	0	0
45,000	0	90,140	1,860
66,189	0	110,480	3,145
14,000	0	97,520	6,480
40,000	0	0	0
54,000	0	97,520	6,480
0	4,600	0	0
0	4,600	0	0
0	594	0	0
8,023	0	0	0
8,023	594	0	0
1,307	0	4,000	3
100	594	20,340	1,285
56,989	0	135,297	8,455
136,113	4,600	144,680	3,547
194,509	5,194	304,317	13,290

^[6] No mills reported for this mill-size class.

^[7] Total for Class D only has Class D mills for Puget Sound.

^[8] Total for Class C includes Class D for Central Washington, Class C for Puget Sound, and Classes C and D for the Olympic Peninsula and Inland Empire.

^[9] Total for Class B is the total of mill-size classes B and C for Puget Sound, B for Olympic, and B, C, and D for Lower Columbia.

Table 23: Log Utilization by Species by County

(Thousand board feet, Scribner Rule)

Economic area and County	All Species	Douglas Fir	Hemlock	True Fir	Spruce	Ponderosa Pine
Puget sound						
King / Skagit / and Whatcom ^[1]	156,840	42,709	71,570	450	150	0
Pierce	253,279	137,585	99,834	0	4,800	0
Snohomish	323,227	126,670	78,800	2,250	2,250	0
Total	733,346	306,964	250,203	2,700	7,200	0
Olympic peninsula						
Clallam and Jefferson ^[1]	79,337	7,224	65,641	0	6,472	0
Grays Harbor	175,418	46,494	102,235	2,050	3,050	0
Lewis	274,568	67,019	74,424	0	0	3,000
Mason / Pacific / and Thurston ^[1]	306,108	110,625	155,383	0	0	0
Total	835,431	231,363	397,683	2,050	9,522	3,000
Lower Columbia						
Clark, Klickitat and Skamania ^[1]	88,758	72,718	10,640	3,600	0	360
Cowlitz	325,142	132,471	33,921	750	0	0
Total	413,900	205,189	44,561	4,350	0	360
Central Washington						
Chelan, Okanogan and Yakima ^[1]	183,249	31,814	10,880	10,490	1,260	116,043
Total	183,249	31,814	10,880	10,490	1,260	116,043
Inland empire						
Asotin, Ferry and Stevens ^[1]	250,610	67,107	6,000	21,141	3,431	116,345
Total	250,610	67,107	6,000	21,141	3,431	116,345
TOTAL, STATEWIDE	2,416,536	842,436	709,327	40,731	21,413	235,748

[1] Combined to avoid disclosure.

Lodgepole Pine	Western Redcedar	Other Solfwood	Red Alder	Other Hardwoods
0	2,207	0	37,777	1,978
0	11,060	0	0	0
0	53,030	0	58,540	1,687
0	66,297	0	96,317	3,665
0	0	0	0	0
0	21088.56	0	0	500
12,000	25,000	0	91,040	2,085
0	20,100	0	19,440	560
12,000	66,189	0	110,480	3,145
1,440	0	0	0	0
0	54000	0	97520	6480
1,440	54,000	0	97,520	6,480
8,163	0	4,600	0	0
8,163	0	4,600	0	0
27,968	8,023	594	0	0
27,968	8,023	594	0	0
49,571	194,509	5,194	304,317	13,290

Table 24: Production and Disposition of Wood and Bark Residues by Mill-Size Class

(Ton, Dry Weight)

Economic area and mill-size class ^[1]	All residue			Wood residue		
	Total	Used	Unused	Total	Used	Unused
Puget Sound						
D	10,983	10,983	0	8,386	8,386	0
B and C ^[2] ^[3]	169,880	169,054	826	131,859	131,859	0
A ^[3]	1,504,081	1,504,081	0	1,182,811	1,182,811	0
Total	1,684,944	1,684,118	826	1,323,056	1,323,056	0
Olympic Peninsula						
C and D ^[2]	55,042	55,042	0	40,666	40,666	0
B	62,698	62,698	0	48,375	48,375	0
A	1,831,513	1,829,036	2,477	1,435,281	1,435,281	0
Total	1,949,253	1,946,776	2,477	1,524,322	1,524,322	0
Lower Columbia						
B, C and D ^[2]	226,232	226,232	0	171,136	171,136	0
A	692,936	692,936	0	542,602	542,602	0
Total	919,168	919,168	0	713,738	713,738	0
Central Washington						
D ^[4]						
C ^[5]						
B ^[5]						
A	311,050	311,050	0	245,108	245,108	0
Total	311,050	311,050	0	245,108	245,108	0
Inland Empire						
C and D ^[2] ^[4]	106,872	106,872	0	84,203	84,203	0
B ^[5]						
A	357,633	357,633	0	281,816	281,816	0
Total	464,505	464,505	0	366,019	366,019	0
Total State						
D ^[6]	10,983	10,983	0	8,386	8,386	0
C ^[7]	161,914	161,914	0	124,869	124,869	0
B ^[8]	458,810	457,984	826	351,370	351,370	0
A	4,697,213	4,694,736	2,477	3,687,618	3,687,618	0
TOTAL, STATEWIDE	5,328,920	5,325,617	3,303	4,172,243	4,172,243	0

^[1] Mill-size classes are defined as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; and A = 120,000+.

^[2] Combined to avoid disclosure.

^[3] Used wood adjusted up by two tons for each of two classifications so that this table balances

^[3] with tables D-28, D-29, D-30 and D-31.

^[4] Mill-size classes D for Central Washington and C and D for Inland Empire combined to avoid disclosure.

Bark residue

<i>Total</i>	<i>Used</i>	<i>Unused</i>
2,597	2,597	0
38,021	37,195	826
321,270	321,270	0
361,888	361,062	826

14,376	14,376	0
14,323	14,323	0
396,232	393,755	2,477
424,931	422,454	2,477

55,096	55,096	0
150,334	150,334	0
205,430	205,430	0

65,942	65,942	0
65,942	65,942	0

22,669	22,669	0
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75,817	75,817	0
98,486	98,486	0

2,597	2,597	0
37,045	37,045	0
107,440	106,614	826
1,009,595	1,007,118	2,477

1,156,677 1,153,374 3,303

^[5] No mills reported for this mill-size class.

^[6] Total for Class D only has Class D mills for Puget Sound.

^[7] Total for Class C includes Class D for Central Washington, Class C for Puget Sound, and classes C and D for Olympic Peninsula and Inland Empire.

^[8] Total for Class B is the total of mill-size classes B and C for Puget Sound, B for Olympic Peninsula, and B, C, and D for Lower Columbia.

Table 25: Production and Disposition of Wood Residues by Mill-Size Class

(Ton, Dry Weight)

Economic area and mill-size class ^[1]	All Types						Unused
	Total	Total Used	Pulp	Board	Fuel	Other	
Puget Sound							
D	8,389	8,389	3,324	0	4,401	664	0
B and C ^[2]	131,857	131,857	68,647	0	17,188	46,022	0
A	1,182,810	1,182,810	655,318	115,586	183,242	228,664	0
Total	1,323,056	1,323,056	727,289	115,586	204,831	275,350	0
Olympic Peninsula							
C and D ^[2]	40,664	40,664	16,210	0	22,795	1,659	0
B	48,375	48,375	13,446	4,863	907	29,159	0
A	1,435,283	1,435,283	944,890	111,092	294,053	85,248	0
Total	1,524,322	1,524,322	974,546	115,955	317,755	116,066	0
Lower Columbia							
B, C and D ^[2]	171,136	171,136	91,134	13,700	60,168	6,134	0
A	542,602	542,602	365,278	52,573	113,735	11,016	0
Total	713,738	713,738	456,412	66,273	173,903	17,150	0
Central Washington							
D ^[3]							
A	245,108	245,108	107,290	76,856	44,417	16,545	0
Total	245,108	245,108	107,290	76,856	44,417	16,545	0
Inland Empire							
C and D ^[3]	84,202	84,202	69,196	518	14,005	483	0
A	281,817	281,817	236,547	23,220	21,775	275	0
Total	366,019	366,019	305,743	23,738	35,780	758	0
Total State							
D ^[4]	8,389	8,389	3,324	0	4,401	664	0
C ^[5]	124,866	124,866	85,406	518	36,800	2,142	0
B ^[6]	351,368	351,368	173,227	18,563	78,263	81,315	0
A	3,687,620	3,687,620	2,309,323	379,327	657,222	341,748	0
Total	4,172,243	4,172,243	2,571,280	398,408	776,686	425,869	0
TOTAL, STATEWIDE	4,172,243	4,172,243	2,571,280	398,408	776,686	425,869	0

^[1] Mill-size classes are identified as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; A = 120,000+.

^[2] Combined to avoid disclosure.

^[3] The Class D mills for Central Washington are combined with the Inland Empire C and D class mills to avoid disclosure.

^[4] Total for Class D includes Class D for Puget Sound only.

							Coarse					
Total	Total Used	Pulp	Board	Fuel	Other	Unused						
4,928	4,928	2,444	0	2,479	5	0						
73,478	73,478	58,903	0	0	14,575	0						
651,213	651,213	506,773	0	144,440	0	0						
729,619	729,619	568,120	0	146,919	14,580	0						
27,093	27,093	16,210	0	10,804	79	0						
29,256	29,256	13,446	0	0	15,810	0						
798,019	798,019	754,462	0	43,557	0	0						
854,368	854,368	784,118	0	54,361	15,889	0						
101,674	101,674	91,134	0	10,540	0	0						
307,079	307,079	205,688	0	101,391	0	0						
408,753	408,753	296,822	0	111,931	0	0						
134,695	134,695	86,304	29,512	17,298	1,581	0						
134,695	134,695	86,304	29,512	17,298	1,581	0						
46,307	46,307	46,149	0	0	158	0						
154,867	154,867	152,364	0	2,503	0	0						
201,174	201,174	198,513	0	2,503	158	0						
4,928	4,928	2,444	0	2,479	5	0						
73,400	73,400	62,359	0	10,804	237	0						
204,408	204,408	163,483	0	10,540	30,385	0						
2,045,873	2,045,873	1,705,591	29,512	309,189	1,581	0						
2,328,609	2,328,609	1,933,877	29,512	333,012	32,208	0						
2,328,609	2,328,609	1,933,877	29,512	333,012	32,208	0						

^[5] Total for Class C includes Class D for Central Washington, Class C for Puget Sound, and Classes C and D for the Olympic Peninsula and Inland Empire.

^[6] Total for Class B includes Class B for Puget Sound and Olympic Peninsula and Classes B, C, and D for Lower Columbia.

Table 26: Production and Disposition of Bark Residues by Mill-Size Class

(Tons, Dry Weight)

Economic area and mill-size class ^[1]	Total	Total Used	USED				Unused
			Pulp	Board	Fuel	Other	
Puget Sound							
D	2,597	2,597	0	0	2,582	15	0
B and C ^[2]	38,021	37,195	0	0	14,798	22,397	826
A	321,270	321,270	0	0	92,106	229,164	0
Total	361,888	361,062	0	0	109,486	251,576	826
Olympic Peninsula							
C and D ^[2]	14,376	14,376	0	0	12,705	1,671	0
B	14,323	14,323	0	0	6,583	7,740	0
A	396,232	393,755	0	0	364,373	29,382	2,477
Total	424,931	422,454	0	0	383,661	38,793	2,477
Lower Columbia							
B, C and D ^[2]	55,096	55,096	0	0	55,096	0	0
A	150,334	150,334	0	0	102,739	47,595	0
Total	205,430	205,430	0	0	157,835	47,595	0
Central Washington							
D ^[3]							
A	65,942	65,942	0	0	49,843	16,099	0
Total	65,942	65,942	0	0	49,843	16,099	0
Inland Empire							
C and D ^[3]	22,669	22,669	0	0	19,713	2,956	0
A	75,817	75,817	0	0	74,176	1,641	0
Total	98,486	98,486	0	0	93,889	4,597	0
Total State							
D ^[4]	2,597	2,597	0	0	2,582	15	0
C ^[5]	37,045	37,045	0	0	32,418	4,627	0
B ^[6]	107,440	106,614	0	0	76,477	30,137	826
A	1,009,595	1,007,118	0	0	683,237	323,881	2,477
Total	1,156,677	1,153,374	0	0	794,714	358,660	3,303
TOTAL, STATEWIDE	1,156,677	1,153,374	0	0	794,714	358,660	3,303

^[1] Mill-size classes are identified as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; A = 120,000+.

^[2] Combined to avoid disclosure.

^[3] The Class D mills for Central Washington are combined with the Inland Empire C and D class mills to avoid disclosure.

^[4] Total for Class D includes Class D for Puget Sound only.

^[5] Total for Class C includes Class D for Central Washington, Class C for Puget Sound, and Classes C and D for the Olympic Peninsula and Inland Empire.

^[6] Total for Class B includes Class B for Puget Sound and Olympic Peninsula and Classes B, C, and D for Lower Columbia.

Table 27: Production and Disposition of Wood and Bark Residues by County

(Tons, Dry Weight)

Economic Area and County	All residues			Wood residues		
	Total	Used ^[1]	Unused	Total	Used [1]	Unused
Puget Sound						
King and Whatcom ^[1]	308,072	308,072	0	242,757	242,757	0
Pierce	619,640	619,640	0	488,279	488,279	0
Skagit	66,820	65,994	826	50,565	50,565	0
Snohomish	690,412	690,412	0	541,455	541,455	0
Total	1,684,944	1,684,118	826	1,323,056	1,323,056	0
Olympic Peninsula						
Clallam and Jefferson ^[1]	185,297	185,297	0	145,969	145,969	0
Grays Harbor	388,990	388,990	0	304,757	304,757	0
Lewis	629,887	629,887	0	488,344	488,344	0
Mason	495,906	495,906	0	390,558	390,558	0
Pacific and Thurston ^[1]	249,173	246,696	2,477	194,694	194,694	0
Total	1,949,253	1,946,776	2,477	1,524,322	1,524,322	0
Lower Columbia						
Clark, Klickitat and Skamania ^[1]	225,509	225,509	0	177,702	177,702	0
Cowlitz	693,659	693,659	0	536,036	536,036	0
Total	919,168	919,168	0	713,738	713,738	0
Central Washington						
Chelan, Okanogan and Yakima ^{[1] [2]}	314,701	314,701	0	247,985	247,985	0
Total	314,701	314,701	0	247,985	247,985	0
Inland Empire						
Asotin, Ferry and Stevens ^{[1] [2]}	460,854	460,854	0	363,142	363,142	0
Total	460,854	460,854	0	363,142	363,142	0
TOTAL, STATEWIDE	5,328,920	5,325,617	3,303	4,172,243	4,172,243	0

^[1] Combined to avoid disclosure.^[2] Residues for Class D in Central Washington combined with Inland Empire residues to avoid disclosure.

Bark residues

<i>Total</i>	<i>Used ^[1]</i>	<i>Unused</i>
65,315	65,315	0
131,361	131,361	0
16,255	15,429	826
148,957	148,957	0
361,888	361,062	826
39,328	39,328	0
84,233	84,233	0
141,543	141,543	0
105,348	105,348	0
54,479	52,002	2,477
424,931	422,454	2,477
47,807	47,807	0
157,623	157,623	0
205,430	205,430	0
66,716	66,716	0
66,716	66,716	0
97,712	97,712	0
97,712	97,712	0
1,156,677	1,153,374	3,303

Table 28: Production and Disposition of Wood Residues by County

(Tons, Dry Weight)

Economic Area and County	All types						Unused
	Total	Total Used	Pulp	Board	Fuel	Other	
Puget Sound							
King and Whatcom ^[1]	242,757	242,757	166,472	49,464	79	26,742	0
Pierce	488,279	488,279	291,035	66,122	68,250	62,872	0
Skagit	50,565	50,565	24,188	0	10,630	15,747	0
Snohomish	541,455	541,455	245,594	0	125,872	169,989	0
Total	1,323,056	1,323,056	727,289	115,586	204,831	275,350	0
Olympic Peninsula							
Clallam and Jefferson ^[1]	145,969	145,969	78,289	0	67,680	0	0
Grays Harbor	304,757	304,757	221,498	56,906	24,841	1,512	0
Lewis	488,344	488,344	308,389	28,964	76,111	74,880	0
Mason	390,558	390,558	227,220	0	134,179	29,159	0
Pacific and Thurston ^[1]	194,694	194,694	139,150	30,085	14,944	10,515	0
Total	1,524,322	1,524,322	974,546	115,955	317,755	116,066	0
Lower Columbia							
Clark, Klickitat and Skamania ^[1]	177,702	177,702	124,146	11,016	27,204	15,336	0
Cowlitz	536,036	536,036	332,266	55,257	146,699	1,814	0
Total	713,738	713,738	456,412	66,273	173,903	17,150	0
Central Washington							
Chelan, Okanogan and Yakima ^[1]	247,985	247,985	109,389	77,374	44,417	16,805	0
Total	247,985	247,985	109,389	77,374	44,417	16,805	0
Inland Empire							
Asotin, Ferry and Stevens ^[1]	363,142	363,142	303,644	23,220	35,780	498	0
Total	363,142	363,142	303,644	23,220	35,780	498	0
TOTAL, STATEWIDE	4,172,243	4,172,243	2,571,280	398,408	776,686	425,869	0

[1] Combined to avoid disclosure.

Coarse						
Total	Total Used	Pulp	Board	Fuel	Other	Unused
133,415	133,415	133,331	0	79	5	0
268,324	268,324	205,042	0	63,282	0	0
29,019	29,019	14,444	0	0	14,575	0
298,861	298,861	215,303	0	83,558	0	0
729,619	729,619	568,120	0	146,919	14,580	0
80,333	80,333	65,761	0	14,572	0	0
172,047	172,047	172,047	0	0	0	0
277,674	277,674	248,689	0	28,985	0	0
214,734	214,734	198,924	0	0	15,810	0
109,580	109,580	98,697	0	10,804	79	0
854,368	854,368	784,118	0	54,361	15,889	0
97,653	97,653	87,113	0	10,540	0	0
311,100	311,100	209,709	0	101,391	0	0
408,753	408,753	296,822	0	111,931	0	0
136,276	136,276	87,885	29,512	17,298	1,581	0
136,276	136,276	87,885	29,512	17,298	1,581	0
199,593	199,593	196,932	0	2,503	158	0
199,593	199,593	196,932	0	2,503	158	0
2,328,609	2,328,609	1,933,877	29,512	333,012	32,208	0

Table 28: Production and Disposition of Wood Residues by County (continued)

(Tons, Dry Weight)

Economic area and County	Medium						Unused
	Total	Total Used	Pulp	Board	Fuel	Other	
Puget Sound							
King and Whatcom ^[1]	54,660	54,660	0	49,464	0	5,196	0
Pierce	109,977	109,977	48,184	39,545	4,968	17,280	0
Skagit	10,357	10,357	9,744	0	0	613	0
Snohomish	121,011	121,011	12,579	0	20,412	88,020	0
Total	296,005	296,005	70,507	89,009	25,380	111,109	0
Olympic Peninsula							
Clallam and Jefferson ^[1]	32,710	32,710	12,528	0	20,182	0	0
Grays Harbor	62,195	62,195	4,320	52,043	4,320	1,512	0
Lewis	98,789	98,789	0	15,142	25,327	58,320	0
Mason	87,888	87,888	28,296	0	52,723	6,869	0
Pacific and Thurston ^[1]	40,487	40,487	10,368	30,085	0	34	0
Total	322,069	322,069	55,512	97,270	102,552	66,735	0
Lower Columbia							
Clark, Klickitat and Skamania ^[1]	40,024	40,024	19,904	11,016	4,784	4,320	0
Cowlitz	99,257	99,257	32,400	43,757	23,100	0	0
Total	139,281	139,281	52,304	54,773	27,884	4,320	0
Central Washington							
Chelan, Okanogan and Yakima ^[1]	55,854	55,854	14,074	35,766	4,994	1,020	0
Total	55,854	55,854	14,074	35,766	4,994	1,020	0
Inland Empire							
Asotin, Ferry and Stevens ^[1]	81,742	81,742	47,866	19,980	13,621	275	0
Total	81,742	81,742	47,866	19,980	13,621	275	0
TOTAL, STATEWIDE	894,951	894,951	240,263	296,798	174,431	183,459	0

[1] Combined to avoid disclosure.

Total	Total Used	Fine				Unused
		Pulp	Board	Fuel	Other	
54,682	54,682	33,141	0	0	21,541	0
109,978	109,978	37,809	26,577	0	45,592	0
11,189	11,189	0	0	10,630	559	0
121,583	121,583	17,712	0	21,902	81,969	0
297,432	297,432	88,662	26,577	32,532	149,661	0
32,926	32,926	0	0	32,926	0	0
70,515	70,515	45,131	4,863	20,521	0	0
111,881	111,881	59,700	13,822	21,799	16,560	0
87,936	87,936	0	0	81,456	6,480	0
44,627	44,627	30,085	0	4,140	10,402	0
347,885	347,885	134,916	18,685	160,842	33,442	0
40,025	40,025	17,129	0	11,880	11,016	0
125,679	125,679	90,157	11,500	22,208	1,814	0
165,704	165,704	107,286	11,500	34,088	12,830	0
55,855	55,855	7,430	12,096	22,125	14,204	0
55,855	55,855	7,430	12,096	22,125	14,204	0
81,807	81,807	58,846	3,240	19,656	65	0
81,807	81,807	58,846	3,240	19,656	65	0
948,683	948,683	397,140	72,098	269,243	210,202	0

Table 29: Production and Disposition of Bark Residues by County

(Tons, Dry Weight)

Economic area and county	Total	Total Used	USED				Unused
			Pulp	Board	Fuel	Other	
Puget Sound							
King / Whatcom ^[1]	65,315	65,315	0	0	26	65,289	0
Pierce	131,361	131,361	0	0	46,698	84,663	0
Skagit	16,255	15,429	0	0	7,996	7,433	826
Snohomish	148,957	148,957	0	0	54,766	94,191	0
Total	361,888	361,062	0	0	109,486	251,576	826
Olympic Peninsula							
Clallam and Jefferson ^[1]	39,328	39,328	0	0	39,328	0	0
Grays Harbor	84,233	84,233	0	0	82,169	2,064	0
Lewis	141,543	141,543	0	0	114,225	27,318	0
Mason	105,348	105,348	0	0	95,976	9,372	0
Pacific and Thurston ^[1]	54,479	52,002	0	0	51,963	39	2,477
Total	424,931	422,454	0	0	383,661	38,793	2,477
Lower Columbia							
Clark, Klickitat and Skamania ^[1]	47,807	47,807	0	0	25,619	22,188	0
Cowlitz	157,623	157,623	0	0	132,216	25,407	0
Total	205,430	205,430	0	0	157,835	47,595	0
Central Washington							
Chelan, Okanogan and Yakima ^[1]	66,716	66,716	0	0	50,462	16,254	0
Total	66,716	66,716	0	0	50,462	16,254	0
Inland Empire							
Asotin, Ferry and Stevens ^[1]	97,712	97,712	0	0	93,270	4,442	0
Total	97,712	97,712	0	0	93,270	4,442	0
TOTAL, STATEWIDE	1,156,677	1,153,374	0	0	794,714	358,660	3,303

Table 30: Degree of Lumber Manufacture

(Thousand board feet, Lumber Tally)

Economic area and mill-size class ^[1]	Moisture			Total	Lumber surface	
	Green	Kiln-dried	Air-dried		Rough	Surfaced
Puget Sound						
D	4,976	3,817	0	8,793	3,906	4,887
B and C ^[2]	87,316	80,975	0	168,291	43,833	124,458
A	555,186	634,645	3,500	1,193,331	142,475	1,050,856
Total	647,478	719,437	3,500	1,370,415	190,214	1,180,201
Olympic Peninsula						
C & D ^[2]	28,858	18,535	690	48,083	42,725	5,358
B	23,264	32,250	0	55,514	22,514	33,000
A	526,600	971,045	0	1,497,645	127,063	1,370,582
Total	578,722	1,021,830	690	1,601,242	192,302	1,408,940
Lower Columbia						
B, C & D ^[2]	113,750	63,250	0	177,000	103,750	73,250
A	279,124	303,568	0	582,692	14,000	568,692
Total	392,874	366,818	0	759,692	117,750	641,942
Central Washington						
D ^[3]						
C ^[4]						
B ^[4]						
A	9,303	246,285	0	255,588	2,252	253,336
Total	9,303	246,285	0	255,588	2,252	253,336
Inland Empire						
C & D ^{[2] [3]}	7,692	42,193	120	50,005	1,356	48,649
B ^[4]						
A	6,861	320,469	4,400	331,730	6,105	325,625
Total	14,553	362,662	4,520	381,735	7,461	374,274
Total State						
D ^[5]	4,976	3,817	0	8,793	3,906	4,887
C ^[6]	36,550	60,728	810	98,088	44,081	54,007
B ^[7]	224,330	176,475	0	400,805	170,097	230,708
A	1,377,074	2,476,012	7,900	3,860,986	291,895	3,569,091
TOTAL, STATEWIDE	1,642,930	2,717,032	8,710	4,368,672	509,979	3,858,693

^[1] Mill size-class defined as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; A = 120,000+.

^[2] Combined to avoid disclosure.

^[3] The Class D mills for Central Washington are combined with the Inland Empire C and D class mills.

^[4] No mills reported for this mill-size class.

^[5] Total for Class D includes Class D for Puget Sound only.

^[6] Total for Class C includes Class D for Central Washington, and classes C and D for the Olympic Peninsula and Inland Empire.

^[7] Total for Class B includes classes B and C for Puget Sound, Class B for Olympic Peninsula, and classes B, C and D for Lower Columbia.

Table 31: Lumber Production by Headrig Type and Mill-Size Class

(Thousand board feet, Lumber Tally)

Economic area and mill-size class ^[1]	All Type	Circular saw	Band saw	Gang saw	Chipping saw	Scragg double cut saw
Puget Sound						
D	8,793	157	7,502	0	1,134	0
B and C ^[2]	168,291	0	125,258	9,716	33,317	0
A	1,193,331	0	719,754	189,759	211,771	72,047
Total	1,370,415	157	852,514	199,475	246,222	72,047
Olympic Peninsula						
C and D ^[2]	48,083	26,725	17,158	0	0	4,200
B	55,514	0	33,000	0	0	22,514
A	1,497,645	206,996	689,496	198,481	366,091	36,581
Total	1,601,242	233,721	739,654	198,481	366,091	63,295
Lower Columbia						
B, C and D ^[2]	177,000	0	132,500	25,000	19,500	0
A	582,692	0	524,974	0	57,718	0
Total	759,692	0	657,474	25,000	77,218	0
Central Washington						
D ^[3]						
A	255,588	65,159	136,257	0	54,172	0
Total	255,588	65,159	136,257	0	54,172	0
Inland Empire						
C and D ^[3]	50,005	300	46,705	0	2,400	600
A	331,730	0	245,230	0	86,500	0
Total	381,735	300	291,935	0	88,900	600
D ^[4]	8,793	157	7,502	0	1,134	0
C ^[5]	98,088	27,025	63,863	0	2,400	4,800
B ^[6]	400,805	0	290,758	34,716	52,817	22,514
A	3,860,986	272,155	2,315,711	388,240	776,252	108,628
Total	4,368,672	299,337	2,677,834	422,956	832,603	135,942
TOTAL, STATEWIDE	4,368,672	299,337	2,677,834	422,956	832,603	135,942

^[1] Mill-size classes are identified as follows: Class D mills = less than 40,000 board feet of lumber tally capacity per 8-hour shift; C = 40,000 - 79,999; B = 80,000 - 119,999; A = 120,000+.

^[2] Combined to avoid disclosure.

^[3] The Class D mills for Central Washington are combined with the Inland Empire C and D class mills to avoid disclosure.

^[4] Total for Class D includes Class D for Puget Sound only.

^[5] Total for Class C includes Class D for Central Washington, Class C for Puget Sound, and Classes C and D for the Olympic Peninsula and Inland Empire.

^[6] Total for Class B includes Class B for Puget Sound and Olympic Peninsula and Classes B, C, and D for Lower Columbia.

Table 32: Lumber Production by Headrig Type and County

(Thousand board feet, Lumber Tally)

Economic area and County	All Type	Circular saw	Band saw	Gang saw	Chipping saw	Scragg double cut saw
Puget Sound						
King / Whatcom ^[1]	253,157	157	157,800	0	95,200	0
Pierce	509,153	0	320,247	104,859	12,000	72,047
Skagit	48,927	0	20,360	9,716	18,851	0
Total	1,370,415	157	852,514	199,475	246,222	72,047
Olympic Peninsula						
Clallam and Jefferson ^[1]	152,434	0	104,860	23,200	16,591	7,783
Lewis	510,117	208,121	253,198	36,000	0	12,798
Mason	406,800	4,800	92,500	0	309,500	0
Pacific and Thurston ^[1]	205,439	18,000	48,158	139,281	0	0
Total	1,601,242	233,721	739,654	198,481	366,091	63,295
Lower Columbia						
Clark, Klickitat and Skamania ^[1]	185,300	0	185,300	0	0	0
Cowlitz	574,392	0	472,174	25,000	77,218	0
Total	759,692	0	657,474	25,000	77,218	0
Central Washington						
Chelan, Okanogan and Yakima ^{[1] [2]}	255,588	65,159	136,257	0	54,172	0
Total	255,588	65,159	136,257	0	54,172	0
Inland Empire						
Asotin, Ferry and Stevens ^{[1] [2]}	381,735	300	291,935	0	88,900	600
Total	381,735	300	291,935	0	88,900	600
TOTAL, STATEWIDE	4,368,672	299,337	2,677,834	422,956	832,603	135,942

^[1] Combined to avoid disclosure.^[2] Class D mills from Chelan and Yakima counties are included with the Inland Empire mills to avoid disclosure.

Table 33: Number of Veneer and Plywood Mills

Economic area and county	All types	Veneer only	Layup only	Veneer and Layup
Puget Sound				
Pierce	1	0	0	1
Skagit	1	0	1	0
Whatcom	1	0	0	1
Total	3	0	1	2
Olympic Peninsula				
Clallam	1	0	0	1
Grays Harbor	4	2	1	1
Lewis	1	0	1	0
Mason	1	0	0	1
Thurston	1	1	0	0
Total	8	3	2	3
Lower Columbia				
Klickitat	1	0	0	1
Total	1	0	0	1
Central Washington				
Okanogan	1	0	0	1
Yakima	1	0	0	1
Total	2	0	0	2
Inland Empire				
Stevens	1	0	0	1
Total	1	0	0	1
TOTAL, STATEWIDE	15	3	3	9

Table 34: Installed Eight-Hour Single-Shift Capacity

(Thousand Square Feet, 3/8-inch Basis)

Economic area and county	Veneer only	Layup only	Veneer and Layup	
			Veneer	Layup
Puget Sound				
Pierce			192	189
Skagit		22		
Whatcom			45	170
Total	0	22	237	359
Olympic Peninsula				
Clallam			100	150
Grays Harbor	362	190	288	250
Lewis		225		
Mason			250	225
Thurston	75			
Total	437	415	638	625
Lower Columbia				
Klickitat			310	400
Total	0	0	310	400
Central Washington				
Okanogan			256	200
Yakima			224	224
Total	0	0	480	424
Inland Empire				
Stevens			35	32
Total	0	0	35	32
TOTAL, STATEWIDE	437	437	1,700	1,840

Veneer and Plywood Mills - 1998

Table 35: Number of Veneer and Plywood Mills by Lathe Log Diameter Limit

Economic area	Layup only	Lathe log diameter limit in inches								Total
		10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
Puget Sound	1			1	1					3
Olympic Peninsula	2		1	3					2	8
Lower Columbia			1							1
Central Washington				2						2
Inland Empire			1							1
TOTAL, STATEWIDE	3	0	3	6	1	0	0	0	2	15

Veneer and Plywood Mills - 1998

Table 36: Number of Veneer and Plywood Mills by Minimum Core Size Production

Economic area	Lathe log diameter limit in inches										No Lathe or core	Total
	3	4	5	6	7	8	9	10	11			
Puget Sound	2										1	3
Olympic Peninsula	4			1				1			2	8
Lower Columbia	1											1
Central Washington	1	1										2
Inland Empire	1											1
TOTAL, STATEWIDE	9	1	0	1	0	0	1	0	0	0	3	15

Table 37: Number of Veneer and Plywood Mills Having Selected Equipment

Economic area and county	4-foot Lathe	8-foot+ Lathe	Slicer	Veneer chipper	Core Chipper	Cold Press	Hot Press	Burner
Puget sound								
Pierce	0	1	0	0	1	0	1	0
Skagit	0	0	0	0	0	1	1	0
Whatcom	1	0	0	1	1	0	1	1
Total	1	1	0	1	2	1	3	1
Olympic Peninsula								
Clallam	1	1	0	1	1	0	1	1
Grays Harbor	0	3	0	2	2	1	2	0
Lewis	0	0	0	1	0	0	1	0
Mason	0	1	0	1	0	0	1	0
Thurston	1	0	0	1	1	0	0	0
Total	2	5	0	6	4	1	5	1
Lower Columbia								
Klickitat	1	1	0	1	0	0	1	0
Total	1	1	0	1	0	0	1	0
Central Washington								
Okanogan	0	1	0	1	1	0	1	0
Yakima	0	1	0	1	1	0	1	0
Total	0	2	0	2	2	0	2	0
Inland empire								
Stevens	0	1	0	1	1	0	1	0
Total	0	1	0	1	1	0	1	0
TOTAL, STATEWIDE	4	10	0	11	9	2	12	2

Table 38: Average Number of Operating Days by Mill Type

Plant type	Average Statewide	Number of mills
	Days	Mills
Veneer only ^[1]	236	3
Layup only ^[1]	273	3
Veneer and layup ^[1]	257	9
STATEWIDE OPERATING AVERAGE	256	15

^[1] Mills combined statewide by mill type to avoid disclosure.

Table 39: Consumption Volume by Minimum Log Diameter Class, Statewide ⁽¹⁾
(Thousand Board feet, Scribner Rule)

Minimum log diameter	Volume	Percent
Less than 5 inches	10,664	3
5.0 inches to 10.9 inches	198,481	59
11.0 inches to 20.9 inches	94,612	28
21 inches or more	32,937	10
Statewide	336,694	100

^[1] Veneer and plywood includes the pulpwood volume Scribner rule to avoid disclosure for the Pulp and Board sector.

Table 40: Production and Disposition of Wood Residues

(Tons, Dry Weight)

Economic area	Total	Total used	Used				Unused
			Pulp	Board	Fuel	Other	
Puget Sound							
Coarse	72,363	72,363	58,909	0	13,454	0	0
Medium	0	0	0	0	0	0	0
Fine	1,571	1,571	0	0	1,571	0	0
Total	73,934	73,934	58,909	0	15,025	0	0
Olympic Peninsula							
Coarse	178,311	178,311	115,289	0	45,622	17,400	0
Medium	0	0	0	0	0	0	0
Fine	7,282	7,282	0	0	7,282	0	0
Total	185,593	185,593	115,289	0	52,904	17,400	0
Lower Columbia							
Coarse	35,334	35,334	29,040	0	6,294	0	0
Medium	0	0	0	0	0	0	0
Fine	1,574	1,574	0	0	1,574	0	0
Total	36,908	36,908	29,040	0	7,868	0	0
Central Washington							
Coarse	206,227	206,227	162,734	10,032	19,624	13,837	0
Medium	0	0	0	0	0	0	0
Fine	7,414	7,414	0	0	7,414	0	0
Total	213,641	213,641	162,734	10,032	27,038	13,837	0
Inland Empire							
Coarse	120,083	120,083	98,699	0	21,384	0	0
Medium	0	0	0	0	0	0	0
Fine	5,346	5,346	0	0	5,346	0	0
Total	125,429	125,429	98,699	0	26,730	0	0
Total, State							
Coarse	612,318	612,318	464,671	10,032	106,378	31,237	0
Medium	0	0	0	0	0	0	0
Fine	23,187	23,187	0	0	23,187	0	0
TOTAL, STATEWIDE	635,505	635,505	464,671	10,032	129,565	31,237	0

Veneer and Plywood Mills - 1998

Table 41: Veneer and Plywood Production Statewide

(Thousand Square Feet, 3/8-inch Basis)

Production	Thousand square feet
Veneer	294,254
Plywood	1,011,905
Other	141,504
STATEWIDE	1,447,663

Table 42: Number of Pulp and Board Mills

Economic area and county	All mills	Pulp Mills				Board mill
		Sulfite	Sulfate	Ground- Wood	Semi- Chemical	
Puget sound						
Pierce	2	0	1	1	0	0
Snohomish	1	1	0	0	0	0
Whatcom	1	1	0	0	0	0
Total	4	2	1	1	0	0
Olympic peninsula						
Clallam	1	0	0	1	0	0
Grays Harbor	1	1	0	0	0	0
Jefferson	1	0	1	0	0	0
Total	3	1	1	1	0	0
Lower Columbia						
Clark	2	1	1	0	0	0
Cowlitz	4	0	2	1	1	0
Total	6	1	3	1	1	0
Central Washington						
Yakima	1	0	0	0	0	1
Total	1	0	0	0	0	1
Inland empire						
Pend Oreille	1	0	0	1	0	0
Spokane	1	0	0	1	0	0
Walla Walla	2	0	1	0	1	0
Total	4	0	1	2	1	0
TOTAL, TATEWIDE	18	4	6	5	2	1

Table 43: Pulp Mill Installed Capacity by Type ⁽¹⁾

Pulp mill types	Capacity ^[2]	Number of pulp mills
Sulfite	2,357	4
Sulfate	8,438	6
Groundwood and Semi-chemical ^[3]	3,980	7
TOTAL, STATEWIDE	14,775	17

^[1] The single Board mill in Washington is not included to avoid disclosure.

^[2] 24-hour capacity in bone dry tons.

^[3] Combined to avoid disclosure.

Table 44: Average Number of Pulp Mill Operating Days by Type of Operation Statewide ⁽¹⁾

Type of operation	Operating days	Number of pulp mills
Sulfite	359	4
Sulfate	356	6
Groundwood and Semi-chemical ^[2]	336	7
STATEWIDE AVERAGE	348	17

^[1] The single Board mill in Washington is not included to avoid disclosure.

^[2] Combined to avoid disclosure.

Table 45: Pulp Mill Production by Product and Operation

(Bone Dry Tons)

Economic area	All Products	Products produced				
		Newsprint	Bleached paper	Unbleached paper	Other paper	Market pulp
Puget Sound ^[1,2,3,4,5]		[1]	[2]	[3]	[4]	[5]
Olympic Peninsula ^[3,4,5]	385,270	0	0	[3]	385,270 [4]	[5]
Lower Columbia ^[1,2,3,5]	3,434,547	953,858 [1]	1,422,994 [2]	1,057,695 [3]	0	[5]
Inland Empire ^[1,2,4,5]	538,323	[1]	[2]	0	[4]	538,323 [5]
TOTAL STATEWIDE	4,358,140	953,858	1,422,994	1,057,695	385,270	538,323

Type of Operation, Statewide

Sulfite ^[6,7,8,9]	0	0	[6]	[7]	[8]	[9]
Sulfate ^[6,7,8,9]	3,019,012	0	1,422,994 [6]	1,057,695 [7]	[8]	538,323 [9]
Groundwood ^[8]	1,339,128	953,858	0	0	385,270 [8]	0
Semichemical ^[7,8]	0	0	0	[7]	[8]	0
TOTAL, STATEWIDE	4,358,140	953,858	1,422,994	1,057,695	385,270	538,323

^[1] Newsprint for the Puget Sound, Lower Columbia and Inland Empire economic areas combined to avoid disclosure.

^[2] Bleached paper for the Puget Sound, Lower Columbia and Inland Empire economic areas combined to avoid disclosure.

^[3] Unbleached paper for the Puget Sound, Olympic Peninsula and Lower Columbia economic areas combined to avoid disclosure.

^[4] Other paper for the Puget Sound, Olympic Peninsula and Inland Empire economic areas combined to avoid disclosure.

^[5] Market Pulp for the Puget Sound, Olympic Peninsula, Lower Columbia and Inland Empire economic areas combined to avoid disclosure.

^[6] Bleached paper for the Sulfite and Sulfate operations combined to avoid disclosure.

^[7] Unbleached paper for the Sulfite, Sulfate and Semichemical operations combined to avoid disclosure.

^[8] Other paper for the Sulfite, Sulfate, Groundwood and Semichemical operations combined to avoid disclosure.

^[9] Market pulp for the Sulfite and Sulfate operations combined to avoid disclosure.

Table 46: Type of Wood Utilized (other than roundwood) ⁽¹⁾

(Bone Dry Tons)

Economic area	Total	Chips		Sawdust and Shavings	Waste paper	
		Total Chips	From mill residues			From roundwood Chipping mill
Puget Sound and Olympic Peninsula ^[2, 3]	2,949,630	2,656,491	1,484,907	1,171,584	[3]	293,139
Lower Columbia, Central Washington, and Inland Empire ^[2, 3]	5,602,632	4,855,468	3,365,457	1,490,011	402,244	344,920
TOTAL, STATEWIDE	8,552,262	7,511,959	4,850,364	2,661,595	402,244	638,059

^[1] Roundwood is not included in this table to avoid disclosure.^[2] Combined to avoid disclosure.^[3] Sawdust and shaving category for the Olympic Peninsula combined with Lower Columbia, Central Washington and Inland Empire to avoid disclosure.

Table 47: Chip and Residue Utilization ⁽¹⁾
(Bone Dry Tons)

Economic area	All P species	Douglas-fir	Hemlock	True fir	Spruce	ponderosa Pine	Lodgepole pine	Western Red cedar	Other Conifer	Red Alder	Other Hardwoods
Puget Sound and Olympic Peninsula ⁽²⁾											
Chips											
Roundwood	1,171,584	168,817	799,179	139,500	1,405	0	0	5,253	320	57,110	0
Residues ⁽³⁾	2,992,638										
<hr/>											
Total chips	4,164,222										
Lower Columbia/ Central Washington/ & Inland Empire ⁽²⁾											
Chips											
Roundwood	1,490,011	534,404	236,562	152,007	7,085	11,318	284,984	7,490	22,470	175,566	58,126
Residues ⁽³⁾	5,559,624										
<hr/>											
Total chips	7,049,635										
<hr/>											
STATEWIDE											
Chips											
Roundwood	2,661,595	703,221	1,035,740	291,507	8,490	11,318	284,984	12,743	22,790	232,676	58,126
Residues ⁽³⁾	8,552,262										
<hr/>											
Total chips	11,213,857										

⁽¹⁾ Roundwood logs are not included because of disclosure.

⁽²⁾ Combined to avoid disclosure.

⁽³⁾ Species breakdown for residue chips is not available.

Table 48: Residue and Off-Site Roundwood Chip Utilization by State or Province
(Tons, Dry Weight)

Economic area and type of material	Total volume	Washington	Oregon	Idaho	Montana	British Columbia	Other
Puget Sound and Olympic Peninsula ^[1]							
Chip residue ^[2]	2,992,638						
Chip roundwood	1,171,584	979,084	0	0	0	137,500	55,000
Sawdust and shavings ^[3]							
Total	4,164,222 ^[4]	979,084	0	0	0	137,500	55,000
Lower Columbia/ Central Washington/ and Inland Empire ^[1]							
Chip residue ^[2]	5,559,624						
Chip roundwood	1,490,011	742,612	442,194	216,415	53,830	30,590	4,370
Sawdust and shavings ^[3]	402,244	181,356	200,100	6,207	0	11,580	3,000
Total	7,451,879 ^[4]	923,968	642,295	222,622	60,037	42,170	7,370
Total, State							
Chip residue ^[2]	8,552,262						
Chip roundwood	2,661,595	1,721,696	442,194	216,415	53,830	168,090	59,370
Sawdust and shavings	402,244	181,356	200,100	6,207	0	11,580	3,000
TOTAL, STATEWIDE	11,616,101 ^[4]	1,903,052	642,295	222,622	53,830	179,670	62,370

^[1] Combined to avoid disclosure.^[2] State or Province of origin for residue chips not available.^[3] Combined with Lower Columbia, Central Washington and Inland Empire to avoid disclosure.^[4] Includes chip residue total.

Table 49: Number of Shake and Shingle Mills and Operating Characteristics

Economic area and county	Number of Mills	Total single shift capacity (Squares)			Average number of operating days/year
		Shake	Shingle	Other	
Puget Sound and Lower Columbia					
Skagit / Snohomish / and Wahkiakum ^[1]	4	160	180	0	175
Total	4	160	180	0	175
Olympic Peninsula					
Clallam	10	196	231	0	227
Grays Harbor	21	179	380	105	190
Lewis and Pacific ^[1]	4	78	29	12	146
Total	35	453	640	117	195
TOTAL STATEWIDE	39	613	820	117	193

^[1] Combined to avoid disclosure.

Table 50: Number of Shake and Shingle Mills with Selected Equipment

Economic area and county	Chipper	Barker	Burner
Puget Sound and Lower Columbia			
Skagit / Snohomish / and Wahkiakum	1	0	1
Total	1	0	1
Olympic Peninsula			
Clallam	0	0	8
Grays Harbor	2	0	7
Lewis and Pacific	0	1	1
Total	2	1	16
TOTAL STATEWIDE	3	1	17

Table 51: Type of Wood Utilized
(Thousand Square Feet, Scribner Log Rule)

Economic area and county	All Types	Sound logs	Utility logs	Other
Puget Sound and Lower Columbia				
Skagit/ Snohomish/ and Wahkiakum ^[1]	2,070	595	325	1,150
Total	2,070	595	325	1,150
Olympic Peninsula				
Clallam	5,303	773	235	4,295
Grays Harbor	9,005	1,682	668	6,655
Lewis and Pacific ^[1]	447	0	0	447
Total	14,755	2,455	903	11,397
TOTAL STATEWIDE	16,825	3,050	1,228	12,547

^[1] Combined to avoid disclosure.

Table 52: Ownership Origin of Logs Utilized

(Thousand Board Feet, Scribner Log Rule)

Economic area and county	All Owners	State	National Forest	Bureau of Land Management	Other Public	Forest Industry		Native American	Farmer and Miscellaneous Private
						Own wood supply	Other wood supply		
Puget Sound and Lower Columbia									
Skagit/ Snohomish/ and Wahkiakum ^[1]	920	100	0	0	0	0	780	0	40
Total	920	100	0	0	0	0	780	0	40
Olympic Peninsula									
Clallam	1,008	120	0	0	0	0	123	434	332
Grays Harbor	2,350	180	0	0	555	0	771	469	375
Lewis and Pacific ^[1]	0	0	0	0	0	0	0	0	0
Total	3,358	300	0	0	555	0	894	903	707
TOTAL STATEWIDE	4,278	400	0	0	555	0	1,674	903	747

^[1] Combined to avoid disclosure.

Table 53: Production and Disposition of Wood Residues ⁽¹⁾
(Tons, Dry Weight)

Economic area and county	All residues			Wood residue			Bark residue		
	Total	Used	Unused	Total	Used	Unused	Total	Used	Unused
Puget Sound and Lower Columbia									
Skagit/ Snohomish/ and Wahkiakum ^[2]	29,751	26,751	3,000	23,065	20,737	2,328	6,686	6,014	672
Total	29,751	26,751	3,000	23,065	20,737	2,328	6,686	6,014	672
Olympic Peninsula									
Clallam	64,970	3,698	61,272	55,072	3,320	51,752	9,898	378	9,520
Grays Harbor	147,911	64,443	83,468	135,034	52,030	83,004	12,877	12,413	464
Lewis and Pacific ^[2]	2,151	813	1,338	2,151	813	1,338	0	0	0
Total	215,032	68,954	146,078	192,257	56,163	136,094	22,775	12,791	9,984
TOTAL STATEWIDE ^[1]	244,783	95,705	149,078	215,322	76,900	138,422	29,461	18,805	10,656

^[1] Totals may be off due to rounding.

^[2] Combined to avoid disclosure.

Table 54: Production and Disposition of Wood Residues ⁽¹⁾

(Tons, Dry Weight)

Economic area and county	All Types					
	Total	Total Used	Pulp	Fuel	Other	Unused
Puget Sound and Lower Columbia						
Skagit/ Snohomish/ and Wahkiakum ^[2]	23,066	20,738	3,501	13,790	3,447	2,328
Total	23,066	20,738	3,501	13,790	3,447	2,328
Olympic Peninsula						
Clallam	55,072	3,320	0	2,440	880	51,752
Grays Harbor	135,034	52,030	0	34,365	17,665	83,004
Lewis and Pacific ^[2]	2,152	814	0	0	814	1,338
Total	192,258	56,164	0	36,805	19,359	136,094
TOTAL STATEWIDE ^[1]	215,324	76,902	3,501	50,595	22,806	138,422

^[1] Totals may be off due to rounding.^[2] Combined to avoid disclosure.

Coarse

<i>Total</i>	<i>Total Used</i>	<i>Pulp</i>	<i>Fuel</i>	<i>Other</i>	<i>Unused</i>
5,694	5,166	3,501	1,665	0	528
5,694	5,166	3,501	1,665	0	528
14,819	2,378	0	1,498	880	12,441
35,870	18,572	0	11,842	6,730	17,298
836	334	0	0	334	502
51,525	21,284	0	13,340	7,944	30,241
57,219	26,450	3,501	15,005	7,944	30,769

Table 54: Production and Disposition of Wood Residues ⁽¹⁾ (continued)

(Tons, Dry Weight)

Economic area and county	Fine					
	Total	Total Used	Pulp	Fuel	Other	Unused
Puget Sound and Lower Columbia						
Skagit/ Snohomish/ and Wahkiakum ^[2]	17,372	15,572	0	12,125	3,447	1,800
Total	17,372	15,572	0	12,125	3,447	1,800
Olympic Peninsula						
Clallam	40,253	942	0	942	0	39,311
Grays Harbor	99,164	33,458	0	22,523	10,935	65,706
Lewis and Pacific ^[2]	1,316	480	0	0	480	836
Total	140,733	34,880	0	23,465	11,415	105,853
TOTAL STATEWIDE ^[1]	158,105	50,452	0	35,590	14,862	107,653

^[1] Totals may be off due to rounding.

^[2] Combined to avoid disclosure.

Table 55: Production and Disposition of Wood Residues ⁽¹⁾
(Tons, Dry Weight)

Economic area and county	Bark					
	<i>Total</i>	<i>Total Used</i>	<i>Pulp</i>	<i>Fuel</i>	<i>Other</i>	<i>Unused</i>
Puget Sound and Lower Columbia						
Skagit/ Snohomish/ and Wahkiakum ^[2]	6,686	6,014	0	4,950	1,064	672
Total	6,686	6,014	0	4,950	1,064	672
Olympic Peninsula						
Clallam	9,898	378	0	378	0	9,520
Grays Harbor	12,877	12,413	0	6,404	6,009	464
Lewis and Pacific ^[2]	0	0	0	0	0	0
Total	22,775	12,791	0	6,782	6,009	9,984
TOTAL STATEWIDE ^[1]	29,461	18,805	0	11,732	7,073	10,656

^[1] Totals may be off due to rounding.

^[2] Combined to avoid disclosure.

Table 56: Mill Production by Product Class

(Squares)

Economic area and county	Product Class			Total
	Shakes	Shingles	Other ^[1]	
-----Squares-----				
Puget Sound and Lower Columbia				
Skagit/ Snohomish/ and Wahkiakum ^[2]	3,920	21,960	0	25,880
Total	3,920	21,960	0	25,880
Olympic Peninsula				
Clallam	19,745	47,615	0	67,360
Grays Harbor	39,314	113,420	10,319	163,053
Lewis and Pacific ^[2]	2,339	249	1,208	3,796
Total	61,398	161,284	11,527	234,209
TOTAL STATEWIDE	65,318	183,244	11,527	260,089

^[1] Other includes such products as hip and ridge shakes, wedges, etc.

^[2] Combined to avoid disclosure.

Table 57: Number of Post, Pole and Piling Mills and Their Operating Characteristics

Economic area	Number of Mills	Yearly installed capacity Thousand board feet, Scribner rule		Average number of operating days in 1998	
		Peeling	Treatment	Peeling	Treatment
Puget Sound	3	12,000	12,315	243	305
Olympic Peninsula ^[1]	3	21,950	^[1]	246	^[1]
Inland Empire	4	9,495	9,690	158	168
TOTAL STATEWIDE ^[2]	10	43,445	22,005	210 (10)	227 (7)

^[1] No treatment operations were reported for the Olympic Peninsula Economic Area.

^[2] The number of mills is noted in parenthesis in the Statewide average columns.

Table 58: Number of Post, Pole and Piling Mills with Selected Equipment

Economic area and county	Number of mills	Peeler	Burner
Puget Sound			
Pierce	1	0	0
Snohomish	1	1	0
Whatcom	1	1	1
Total	3	2	1
Olympic Peninsula			
Mason	1	1	0
Thurston	1	1	0
Lewis	1	0	0
Total	3	2	0
Inland Empire			
Ferry	1	1	0
Stevens	3	2	0
Total	4	3	0
TOTAL STATEWIDE	10	7	1

Table 59: Log Utilization by Diameter Limit
(Thousand Board Feet, Scribner Rule)

Economic areas	Total	Diameter classes			
		Less than 5.0 inches	5.0 to 10.9 inches	11.0 to 20.9 inches	21 inches or more
Puget Sound					
Pierce/ Snohomish/ and Whatcom ^[1]	9,060	2,700	4,787	1,574	0
Total	9,060	2,700	4,787	1,574	0
Olympic Peninsula					
Lewis/ Mason/ and Thurston ^[1]	13,694	0	8,894	4,800	0
Total	13,694	0	8,894	4,800	0
Inland Empire					
Ferry and Stevens ^[1]	1,720	1,675	45	0	0
Total	1,720	1,675	45	0	0
TOTAL, STATEWIDE	24,474	4,375	13,726	6,373	0

^[1] Combined to avoid disclosure.

Table 60: Mill Production Shipments

(Thousand Board Feet, Scribner Rule)

Economic area	Treated	Untreated [1]	Total
Puget Sound [1]	7,677	2,223 [1]	9,900
Olympic Peninsula	0	10,705	10,705
Inland Empire [1]	1,280	[1]	1,280
TOTAL, STATEWIDE	8,957	12,928	21,885

[1] Untreated for the Puget Sound and Inland Empire combined to avoid disclosure.

Table 61: Number of Export Operations and Type of Logs Exported

Economic area and port	County	Number of operations	Volume of logs exported		
			Sound Logs	Utility Logs	Total
-----Thousand board feet, Scribner rule-----					
Puget Sound					
Anacortes/ Everett ^[1]	Skagit/ Snohomish	6	70,354	0	70,354
Tacoma	Pierce	5	214,559	138	214,697
Total		11	284,913	138	285,051
Olympic Peninsula					
Grays Harbor/ Olympia ^[1]	Grays Harbor/ Thurston	5	154,252	806	155,058
Port Angeles	Clallam	6	21,500	0	21,500
Total		11	175,752	806	176,558
Lower Columbia					
Longview	Cowlitz	9	331,875	552	332,427
Total		9	331,875	552	332,427
TOTAL, STATEWIDE		31	792,540	1,496	794,036

^[1] Combined to avoid disclosure.

Table 62: Log Use by Diameter Class

(Thousand Board Feet, Scribner Rule)

Economic area	Total	Diameter classes			
		Less than 5.0 inches	5.0 to 10.9 inches	11.0 to 20.9 inches	21 inches or more
Puget Sound	285,051	0	62,383	198,400	24,268
Olympic Peninsula	176,558	0	62,910	107,134	6,515
Lower Columbia	332,427	0	67,992	252,552	11,883
TOTAL, STATEWIDE	794,036	0	193,285	558,086	42,666

Note: Totals may be off due to rounding.

Table 63: Log Flows to Ports by County of Origin

(Thousand Board Feet, Scribner Rule)

Economic area and county of origin	Port and county of export					Total
	Anacortes/ Everett ^[1, 2]	Grays Harbor/ Olympia ^[1, 3]	Longview ^[4]	Port Angeles ^[5]	Tacoma ^[6]	
Puget Sound						
King	5,107	4,000	0	0	17,107	26,214
Pierce	615	2,375	0	0	124,608	127,598
Skagit	18,823	0	0	220	0	19,043
Snohomish	32,794	0	0	1,336	10,492	44,623
Whatcom	10,964	0	0	0	0	10,964
Total	68,303	6,375	0	1,556	152,207	228,441
Olympic Peninsula						
Clallam	1,139	0	0	16,883	678	18,700
Grays Harbor	0	114,915	306	0	678	115,899
Jefferson	0	0	0	3,061	0	3,061
Mason	0	6,504	0	0	678	7,183
Thurston	0	6,375	611	0	32,470	39,457
Lewis	0	7,879	53,635	0	7,778	69,293
Pacific	0	13,009	2,773	0	0	15,782
Total	1,139	148,683	57,325	19,944	42,284	269,375
Lower Columbia						
Clark	0	0	39,675	0	0	39,675
Cowlitz	0	0	223,166	0	0	223,166
Skamania	0	0	438	0	0	438
Wahkiakum	0	0	1,355	0	0	1,355
Total	0	0	264,633	0	0	264,633
Central Washington						
Kittitas	912	0	0	0	19,929	20,840
Total	912	0	0	0	19,929	20,840
TOTAL, STATEWIDE	70,354	155,058	321,958	21,500	214,420	783,290
OUTSIDE WASHINGTON	0	0	10,469	0	277	10,746
TOTAL RECEIPTS AT PORTS	70,354	155,058	332,427	21,500	214,697	794,036

^[1] Combined to avoid disclosure.^[2] Skagit and Snohomish counties.^[3] Grays Harbor and Thurston counties.^[4] Cowlitz county.^[5] Clallam county.^[6] Pierce county.

Log Export Operations - 1998

Table 64: Log Utilization by Species and County

(Thousand Board Feet, Scribner Rule)

Economic area and county of export	All species	Douglas-fir	Hemlock	True firs	Spruce	Ponderosa pine	Lodgepole pine	Western redcedar	Other softwoods	Red alder	Other hardwoods
Puget Sound											
Pierce	214,697	193,562	15,470	4,276	161	0	161	0	1,067	0	0
Skagit/ Snohomish ^[1]	70,354	58,330	9,666	615	1,139	0	0	604	0	0	0
Total	285,051	251,892	25,136	4,891	1,300	0	161	604	1,067	0	0
Olympic Peninsula											
Clallam	21,500	14,171	6,005	491	705	0	0	88	39	0	0
Grays Harbor/ Thurston ^[1]	155,058	113,932	38,424	100	2,602	0	0	0	0	0	0
Total	176,558	128,103	44,429	591	3,307	0	0	88	39	0	0
Lower Columbia											
Cowlitz	332,427	324,693	4,635	1,967	0	0	0	0	1,133	0	0
Total	332,427	324,693	4,635	1,967	0	0	0	0	1,133	0	0
TOTAL, STATEWIDE	794,036	704,688	74,200	7,449	4,608	0	161	692	2,238	0	0

^[1] Combined to avoid disclosure.

Table 65: Ownership Origin of Logs Utilized by County

(Thousand Board Feet, Scribner Rule)

Economic area and county of export	All Owners	State	National forest	Bureau of Land Management	Other Public	Own wood supply	Other wood supply	Native American	Farmer and miscellaneous private
Puget Sound									
Pierce	214,697	0	0	0	0	103,069	101,071	0	10,557
Skagit/ Snohomish ^[1]	70,354	0	0	0	0	832	48,657	3,076	17,789
Total	285,051	0	0	0	0	103,901	149,729	3,076	28,346
Olympic Peninsula									
Clallam	21,500	0	0	0	0	5,723	10,790	1,792	3,195
Grays Harbor/ Thurston ^[1]	155,058	0	0	0	0	56,562	82,737	3,903	11,856
Total	176,558	0	0	0	0	62,285	93,527	5,695	15,051
Lower Columbia									
Cowlitz	332,427	0	0	0	0	98,911	189,991	1,133	42,392
Total	332,427	0	0	0	0	98,911	189,991	1,133	42,392
TOTAL, STATEWIDE	794,036	0	0	0	0	265,096	433,247	9,904	85,789

^[1] Combined to avoid disclosure.

Table 66: Number of Operations, Capacity and Average Operating Days

(Bone Dry Tons)

Economic Areas	Number of operations	8-hour capacity	Average days operated
	Bone dry tons		
Puget sound	3	726	197
Olympic Peninsula	6	2,260	249
Lower Columbia / and Inland Empire ^[1]	5	1,615	189
TOTAL, STATEWIDE	14	4,601	216

^[1] Combined to avoid disclosure.

Table 67: Log Use by Diamer Class ⁽¹⁾

(Thousand Board Feet, Scribner Rule)

Economic Areas	Total	Diameter classes			
		Less than 5.0 inches	5.0 to 10.9 inches	11.0 to 20.9 inches	21 inches or more
Puget Sound	26,433	17,098	7,166	1,406	764
Olympic Peninsula	157,333	77,515	31,588	33,024	15,206
Lower Columbia / and Inland Empire ^[2]	134,382	52,647	39,747	35,595	6,393
TOTAL, STATEWIDE	318,148	147,259	78,501	70,025	22,363

^[1] Totals may not add due to rounding.

^[2] Combined to avoid disclosure.

Roundwood Chipping Operations - 1998

Table 68: Ownership Origin of Logs by Economic Areas ⁽¹⁾

(Thousand Board Feet, Scribner Rule)

Economic Areas	All Owners	State	National Forest	Bureau of Land Ot Management	her Public	Forest industry		Native American	Farmer and miscellaneous private
						Own wood supply	Other wood supply		
Puget sound	26,433	3,080	0	0	289	0	18,770	950	3,344
Olympic Peninsula	157,333	29,367	1,380	0	10,655	0	76,347	805	38,780
Lower Columbia / and Inland Empire ^[2]	134,382	20,334	4,646	107	4,041	340	81,404	2,885	20,626
TOTAL, STATEWIDE	318,148	52,780	6,026	107	14,985	340	176,520	4,640	62,750

^[1] Totals may be off due to rounding.

^[2] Combined to avoid disclosure.

Table 69: Log Utilization by Species and Economic Areas ⁽¹⁾
 (Thousand Board Feet, Scribner Rule)

Economic Areas	All species	Douglas-fir	Hemlock	True firs	Spruce	Ponderosa pine	Lodgepole pine	Western redcedar	Other softwoods	Hardwoods
Puget Sound	26,433	3,822	15,652	2,002	124	0	0	289	475	4,069
Olympic Peninsula	157,333	65,520	31,920	7,946	1,471	0	3,128	2,677	164	44,508
Lower Columbia / and Inland Empire ⁽²⁾	134,382	20,824	8,584	38,659	2,248	13,440	15,571	0	57	35,000
TOTAL, STATEWIDE	318,148	90,165	56,156	48,607	3,843	13,440	18,699	2,966	696	83,576

⁽¹⁾ Totals may be off due to rounding.

⁽²⁾ Combined to avoid disclosure.