Lumber Track

October 2016 Issued: January 13th, 2017

WWPA'S MONTHLY REVIEW OF NORTH AMERICAN LUMBER STATISTICS, INCLUDING TRADE HIGHLIGHTS AND KEY MARKETS

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U.S. Softwood Lumber Industry Activity by Region (million board feet)

		Full Year	10 mont	ths YTD						í			
Production		2015	<u>2016</u>	<u>2015</u>	% Chg	Oct-16	Sep-16	Oct-15	M to M %	Y to Y%	3rd Qtr 16	3rd Qtr 15	% Chg
	West	13,531	11,695	11,452	2.1	1,168	1,157	1,182	1.0	-1.2	3,477	3,330	4.4
	South	16,661	14,607	14,133	3.4	1,397	1,446	1,505	-3.4	-7.2	4,384	4,387	-0.1
	Other	1,451	1,262	1,230	2.6	123	125	129	-1.4	-4.5	377	372	1.3
	Total	31,643	27,565	26,815	2.8	2,688	2,728	2,816	-1.4	-4.5	8,238	8,089	1.8
Shipments													
	West	13,585	11,752	11,532	1.9	1,152	1,146	1,172	0.6	-1.7	3,506	3,330	5.3
	South	16,661	14,607	14,133	3.4	1,397	1,446	1,505	-3.4	-7.2	4,384	4,387	-0.1
	Other_	1,451	1,265	1,232	2.6	122	124	128	-1.6	-4.8	379	372	1.7
	Total	31,697	27,624	26,897	2.7	2,671	2,716	2,805	-1.6	-4.8	8,268	8,089	2.2
New Orders	6												
	West	13,564	11,745	11,473	2.4	1,155	1,153	1,160	0.2	-0.4	3,511	3,340	5.1
	South	16,661	14,607	14,133	3.4	1,397	1,446	1,505	-3.4	-7.2	4,384	4,387	-0.1
	Other	1,451	1,264	1,231	2.7	122	125	128	-1.8	-4.2	379	373	1.6
	Total	31,676	27,616	26,836	2.9	2,674	2,723	2,793	-1.8	-4.2	8,274	8,099	2.1

		•		
Unfilled Orders		Oct-16	Oct-15	
West	507	490	469	4.5
South	688	688	688	0.0
Other	70	70	68	2.2
Total	1,265	1,248	1,225	1.9
Inventories		Oct-16	Oct-15	
West	1,323	1,267	1,298	-2.4
South	1,577	1,577	1,577	0.0
Other	159	151	158	-4.3
Total	3 060	2 995	3 033	-12



Source: Southern Forest Products Association, U.S. Census Bureau, Council of Forest Industries-CAN, WWPA

Canadian Softwood Lumber Industry Activity by Region (million board feet)

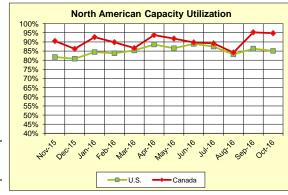
	Full Year	10 month	s YTD									
Production	2015	<u>2016</u>	2015	% Chg	Oct-16	Sep-16	Oct-15	M to M %	Y to Y %	3rd Qtr 16	3rd Qtr 15	% Chg
British Columbia	13,214	11,478	11,032	4.0	1,139	1,173	1,127	-2.9	1.1	3,444	3,318	3.8
East of the Rockies	13,473	12,341	11,161	10.6	1,316	1,293	1,216	1.7	8.2	3,612	3,337	8.2
Total	26,687	23,819	22,193	7.3	2,454	2,467	2,343	-0.5	4.8	7,056	6,656	6.0
Shipments												
British Columbia	13,141	11,464	10,941	4.8	1,129	1,214	1,187	-7.0	-4.9	3,502	3,257	7.5
East of the Rockies	13,192	12,435	10,969	13.4	1,357	1,344	1,237	0.9	9.7	3,818	3,326	14.8
Total	26,333	23,899	21,911	9.1	2,486	2,558	2,424	-2.8	2.6	7,319	6,583	11.2

Inventories		Oct-16	Oct-15	
British Columbia	1,188	1,179	1,231	-4.3
East of the Rockies	1,769	1,704	1,673	1.8
Total	2.957	2.883	2.905	-0.7

Source: Statistics Canada, Council of Forest Industries-CAN

Production as Percent of Practical Capacity

	Full Year	10 months	S YTD			
	2015	<u>2016</u>	<u>2015</u>	Oct-16	Sep-16	Oct-15
West	78%	83%	78%	84%	83%	80%
South_	89%	90%	90%	87%	90%	92%
Total U.S.	83%	86%	83%	85%	86%	86%
British Columbia	88%	92%	88%	92%	95%	87%
East of the Rockies	85%	90%	84%	97%	95%	89%
Total Canada	86%	01%	86%	05%	0.5%	QQ0/.



Sources: FEA, LLC: Softwood Sawmills in the United States and Canada, WWPA

Trade Statistics

U. S. Softwood Lumber Imports (million board feet)

Full Year	10 month	is YTD									
<u>2015</u>	<u>2016</u>	2015	% Chg	Oct-16	Sep-16	Oct-15	M to M %	Y to Y%	3rd Qtr 16	3rd Qtr 15	% Chg
6,654	7,097	5,491	29.3	721	725	620	-0.6	16.2	2,229	1,732	28.7
6,606	5,495	5,345	2.8	612	552	638	11.0	-4.1	1,649	1,615	2.1
13,259	12,592	10,836	16.2	1,333	1,277	1,258	4.4	5.9	3,877	3,347	15.8
13,259	13,803	10,836	27.4	1,333	1,287	1,258	3.6	6.0	3,945	3,347	17.9
334	336	292	14.8	25	26	29	-5.5	-13.6	79	103	-23.7
212	347	177	96.2	29	18	10	55.3	201.4	62	50	25.6
688	805	592	36.0	67	57	48	17.2	37.8	178	191	-6.8
13,947	14,608	11,427	27.8	1,400	1,344	1,307	4.2	7.1	4,123	3,538	16.5
	2015 6,654 6,606 13,259 13,259 334 212 688	2015 2016 6,654 7,097 6,606 5,495 13,259 12,592 13,259 13,803 334 336 212 347 688 805	2015 2016 2015 6,654 7,097 5,491 6,606 5,495 5,345 13,259 12,592 10,836 334 336 292 212 347 177 688 805 592	2015 2016 2015 % Chq 6,654 7,097 5,491 29.3 6,606 5,495 5,345 2.8 13,259 12,592 10,836 16.2 13,259 13,803 10,836 27.4 334 336 292 14.8 212 347 177 96.2 688 805 592 36.0	2015 2016 2015 % Chq Oct-16 6,654 7,097 5,491 29.3 721 6,606 5,495 5,345 2.8 612 13,259 12,592 10,836 16.2 1,333 13,259 13,803 10,836 27.4 1,333 334 336 292 14.8 25 212 347 177 96.2 29 688 805 592 36.0 67	2015 2016 2015 % Chq Oct-16 Sep-16 6,654 7,097 5,491 29.3 721 725 6,606 5,495 5,345 2.8 612 552 13,259 12,592 10,836 16.2 1,333 1,277 13,259 13,803 10,836 27.4 1,333 1,287 334 336 292 14.8 25 26 212 347 177 96.2 29 18 688 805 592 36.0 67 57	2015 2016 2015 % Chq Oct-16 Sep-16 Oct-15 6,654 7,097 5,491 29.3 721 725 620 6,606 5,495 5,345 2.8 612 552 638 13,259 12,592 10,836 16.2 1,333 1,277 1,258 334 336 292 14.8 25 26 29 212 347 177 96.2 29 18 10 688 805 592 36.0 67 57 48	2015 2016 2015 % Chq Oct-16 Sep-16 Oct-15 M to M % 6,654 7,097 5,491 29.3 721 725 620 -0.6 6,606 5,495 5,345 2.8 612 552 638 11.0 13,259 12,592 10,836 16.2 1,333 1,277 1,258 4.4 13,259 13,803 10,836 27.4 1,333 1,287 1,258 3.6 334 336 292 14.8 25 26 29 -5.5 212 347 177 96.2 29 18 10 55.3 688 805 592 36.0 67 57 48 17.2	2015 2016 2015 % Chq Oct-16 Sep-16 Oct-15 M to M % Y to Y% 6,654 7,097 5,491 29.3 721 725 620 -0.6 16.2 6,606 5,495 5,345 2.8 612 552 638 11.0 -4.1 13,259 12,592 10,836 16.2 1,333 1,277 1,258 4.4 5.9 13,259 13,803 10,836 27.4 1,333 1,287 1,258 3.6 6.0 334 336 292 14.8 25 26 29 -5.5 -13.6 212 347 177 96.2 29 18 10 55.3 201.4 688 805 592 36.0 67 57 48 17.2 37.8	2015 2016 2015 % Chq Oct-16 Sep-16 Oct-15 M to M % Y to Y% 3rd Qtr 16 6,654 7,097 5,491 29.3 721 725 620 -0.6 16.2 2,229 6,606 5,495 5,345 2.8 612 552 638 11.0 -4.1 1,649 13,259 12,592 10,836 16.2 1,333 1,277 1,258 4.4 5.9 3,877 13,259 13,803 10,836 27.4 1,333 1,287 1,258 3.6 6.0 3,945 334 336 292 14.8 25 26 29 -5.5 -13.6 79 212 347 177 96.2 29 18 10 55.3 201.4 62 688 805 592 36.0 67 57 48 17.2 37.8 178	2015 2016 2015 % Chq Oct-16 Sep-16 Oct-15 M to M % Y to Y% 3rd Qtr 16 3rd Qtr 15 6,654 7,097 5,491 29.3 721 725 620 -0.6 16.2 2,229 1,732 6,606 5,495 5,345 2.8 612 552 638 11.0 -4.1 1,649 1,615 13,259 12,592 10,836 16.2 1,333 1,277 1,258 4.4 5.9 3,877 3,347 13,259 13,803 10,836 27.4 1,333 1,287 1,258 3.6 6.0 3,945 3,347 334 336 292 14.8 25 26 29 -5.5 -13.6 79 103 212 347 177 96.2 29 18 10 55.3 201.4 62 50 688 805 592 36.0 67 57 48 17.2 37.8<

^{1 -} Data provided by Statistics Canada, Council of Forest Industries-Canada

Note: The discrepancy between U.S. reported lumber imports from Canada and Canadian reported exports to the U.S. is now clearly shown with the addition of a line item that allows us to show both the Canadian and U.S. reported values. The data sources for all U.S. SW lumber import values are noted above.

U. S. Softwood Lumber Exports (million board feet)

U. S. SOITWOOD	Lumber	exports (i	million b	oard ree	÷τ)							
	Full Year	10 m	onths YTD									
	<u>2015</u>	<u>2016</u>	<u>2015</u>	% Chg	Oct-16	<u>Sep-16</u>	Oct-15	M to M %	Y to Y%	3rd Qtr 16	3rd Qtr 15	% Chg
To Canada	334	282	281	0.4	27	28	23	-3.0	15.9	85	74	15.8
To China	254	243	204	19.3	30	28	21	7.1	41.2	77	61	27.4
To Japan	127	87	105	-16.5	8	8	9	0.4	-14.0	24	28	-15.0
To Mexico	319	287	268	7.1	35	30	29	18.9	22.0	94	87	8.3
To Other Countries	530	445	453	-1.9	42	42	51	-2.2	-18.1	123	128	-3.9
Total Lumber Exports	1,563	1,344	1,311	2.6	141	136	133	4.3	6.2	404	377	7.0
U. S. Softwood	Log Impo	orts (millio	on board	d feet)								
From Canada	126	85	116	-27.1	5	10	5	-42.4	20.4	27	36	-25.1
Non-Canadian Sources	1	1	1	147.1	0	0	0	0.0	0.0	0	0	0.0
Total Log Imports	127	86	117	-26.3	6	10	5	-42.3	21.2	27	36	-25.5
U. S. Softwood	Log Expo	orts (milli	on boar	d feet)								
To China	805	815	650	25.5	63	102	50	-38.8	25.0	282	179	57.4
To Japan	415	350	332	5.6	34	44	43	-23.4	-21.9	106	108	-1.7
To Canada	467	355	401	-11.5	36	38	41	-3.7	-11.2	99	111	-10.8
To Other Countries	137	95	115	-17.9	7	12	14	-41.6	-50.8	35	43	-17.1
Total Log Exports	1,823	1,615	1,498	7.8	139	196	148	-28.8	-5.8	523	441	18.6
Source: U.S. Department of Com	merce, U.S. Inte	rnational Trade C	commission, Fo	reign Agricultur	al Service							
Canadian Softw	ood Lum	har Evna	rte (mill	ion hoar	d foot)							
			•		,	4.077	4.050	4.4	- ol	0.077	0.047	45.0
To U.S.	13,259	12,592	10,836	16.2	1,333	1,277	1,258	4.4	5.9	3,877	3,347	15.8
To China	2,769 966	2,093 799	2,265 800	-7.6 -0.1	220	189 90	195 85	16.5	13.1	542 253	598 256	-9.5 -1.3
To Japan Other	966	799 656	763	-14.1	84 64	90 66	85 73	-6.9 -3.1	-1.2 -13.3	253 186	256 209	-1.3 -10.9
Other	912	000	763	-14.1	04	00	13	-3.1	-13.3	100	209	-10.9

Total Lumber Exports 17,906 16,140
Sources: Statistics Canada, Council of Forest Industries-CAN

U.S. Softwood Lumber Consumption (million board feet)

	Full Year	10 months YTD										
	<u>2015</u>	<u>2016</u>	<u>2015</u>	% Chg	Oct-16	Sep-16	Oct-15	M to M %	Y to Y%	3rd Qtr 16	3rd Qtr 15	% Chg
Lumber Shipments	31,697	27,624	26,897	2.7	2,671	2,716	2,805	-1.6	-4.8	8,268	8,089	2.2
Plus Imports	13,947	14,608	11,427	27.8	1,400	1,344	1,307	4.2	7.1	4,123	3,538	16.5
Minus Exports	(1,563)	(1,344)	(1,311)	2.6	(141)	(136)	(133)	4.3	6.2	(404)	(377)	7.0
Apparent Consumption	44,082	40,887	37,013	10.5	3,930	3,924	3,979	0.2	-1.2	11,987	11,249	6.6

1,611

4,858

4,411

10.1

10.1

Canadian Softwood Lumber Consumption (million board feet)

	Full Year	10 months YTD										
	2015	2016	<u>2015</u>	% Chg	Oct-16	Sep-16	Oct-15	M to M %	Y to Y%	3rd Qtr 16	3rd Qtr 15	% Chg
Lumber Shipments	26,333	23,899	21,911	9.1	2,486	2,558	2,424	-2.8	2.6	7,319	6,583	11.2
Plus Imports	361	305	303	0.4	29	30	25	-3.0	15.9	92	80	15.8
Minus Exports	(17,906)	(16,140)	(14,665)	10.1	(1,700)	(1,622)	(1,611)	4.9	5.5	(4,858)	(4,411)	10.1
Apparent Consumption	8,787	8,063	7,549	6.8	815	967	838	-15.7	-2.8	2,553	2,251	13.4

^{2 -} Data provided by U.S. International Trade Commission



Total North America

6,196

6,003

5.979

Western Wood Products Association - North American Activity and Consumption Update 1500 SW First Avenue, Suite 870, Portland, OR 97201 503-224-3930 October 2016 Issued: January 13, 2017 **Estimated North American Production (million board feet)** 2016 2015 SEP OCT NOV DEC FEB MAR **APR** MAY AUG SEP OCT Region MAY <u>AUG</u> JAN <u>JUN</u> JUL Coast 651 682 655 648 646 698 614 619 652 680 769 717 718 750 644 738 696 704 370 421 421 418 416 440 379 392 408 436 392 470 427 428 Inland 407 452 400 416 Cal. Redwood 37 42 44 41 42 43 39 37 38 43 46 41 39 40 35 40 34 37 1,119 1,108 1,131 1,157 1,173 1,248 1,157 1,168 **Total West** 1.058 1.145 1.103 1.182 1.032 1.047 1.098 1.267 1.226 1.072 1,397 1,330 1,510 1,358 1,332 1.400 1.556 1,519 1.437 1.582 1.446 South 1.475 1.393 1,519 1.505 1.170 1.439 1.499 Other 115 127 124 121 127 129 106 115 117 121 135 128 125 135 120 132 125 123 Total U.S. 2,502 2,782 2,719 2.622 2,749 2.816 2,307 2,521 2,546 2.652 2,958 2,804 2,735 2,943 2,632 2,878 2,728 2,688 1,139 British Columbia 1,055 1,159 1,129 1,082 1,107 1,127 1,093 1,089 1,121 1,125 1,186 1,155 1,145 1,163 1,098 1,173 1,173 Prairies & Eastern Canada 1,133 1,158 1,040 1,112 1,185 1,216 1,208 1,104 1,163 1,201 1,271 1,273 1,233 1,271 1,102 1,216 1,293 1,316 2.169 2,200 **Total Canada** 2,189 2,317 2,194 2,292 2,343 2,301 2,193 2,285 2.327 2,457 2,428 2,378 2,434 2,389 2,467 2,454 **Total North America** 4,691 5,099 4,888 4,816 5,041 5,158 4,608 4,713 4.831 4,979 5,414 5,233 5,113 5,377 4,832 5,267 5.194 5,143 **Estimated North American Shipments (million board feet)** 2016 Region MAY AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN AUG SEP OCT JUN JUL JUL Coast 686 751 684 643 657 689 602 633 615 675 770 708 716 752 666 756 693 700 441 417 Inland 401 451 426 395 404 373 373 410 462 439 437 454 397 418 Cal. Redwood 37 45 40 42 40 42 38 35 40 46 47 47 40 43 35 40 34 36 1,152 **Total West** 1.123 1.246 1.150 1.079 1.101 1.172 1.013 1.040 1.049 1,130 1.280 1.193 1.193 1.249 1.098 1.262 1 146 South 1,330 1,510 1,475 1,393 1,519 1,505 1,170 1,358 1,332 1,400 1,556 1,519 1,437 1,582 1,439 1,499 1,446 1,397 Other 118 131 126 127 128 105 114 114 121 136 130 126 136 122 132 124 122 120 Total U.S. 2.571 2.888 2.751 2,592 2.746 2,805 2.288 2.512 2.495 2.652 2,972 2.842 2.757 2,967 2.659 2,893 2.716 2,671 British Columbia 1.082 1.166 1.043 1.065 1 149 1.187 1.119 1.081 1.095 1.138 1.190 1.114 1.121 1.176 1.102 1.185 1.214 1.129 Prairies & Eastern Canada 1,163 1,230 1,083 1,080 1,163 1,237 1,135 1,087 1,095 1,164 1,194 1,218 1,268 1,321 1,230 1,243 1,344 1,357 **Total Canada** 2,396 2,126 2,145 2,190 2,302 2,384 2,331 2,389 2,497 2,333 2,428 2,558 2,486 2.245 2.312 2.424 2.254 2.168 **Total North America** 4.816 5,284 4.877 4,737 5,058 5,229 4.542 4,680 4.685 4.954 5,356 5,174 5,145 5.464 4.992 5.321 5.274 5,157 Estimated U.S. Orders (million board feet) 2015 2016 Region MAY <u>AUG</u> SEP OCT NOV DEC MAR **APR** MAY **AUG** SEP **OCT** JUN JUL JAN FEB JUN JUL 649 648 675 763 705 713 672 707 Coast 646 731 681 640 692 606 622 756 756 688 Inland 400 454 428 397 418 427 374 390 398 419 468 416 435 459 398 455 432 412 Cal. Redwood 35 40 46 42 40 32 42 43 44 42 37 43 37 32 36 1,226 1,148 1,083 1,109 1,160 1,021 1,071 1,063 1,136 1,275 1,162 1,185 1,258 1,107 1,251 1,153 1,155 1.081 Total West 1.330 1,510 1,475 1,393 1,519 1,505 1,170 1,358 1,332 1,400 1,556 1,519 1,437 1,582 1.439 1.499 1.446 1,397 Other 116 131 126 120 127 128 105 115 115 122 136 129 126 136 122 132 125 122 Total U.S. 2.867 2 749 2.596 2 755 2.793 2 296 2,544 2,510 2 658 2,967 2,810 2 747 2 976 2.668 2.882 2,723 2,674 Estimated U.S. Unfilled Orders (million board feet) 2015 2016 Region MAY <u>AUG</u> SEP OCT NOV DEC JAN FEB MAR **APR** MAY <u>JUN</u> AUG SEP OCT Coast 250 230 227 224 217 221 225 240 248 248 240 237 234 237 243 244 239 246 207 210 212 214 228 213 214 231 236 245 251 228 225 231 232 221 216 212 Inland Cal. Redwood 35 31 31 34 37 35 38 36 38 35 32 30 33 33 35 34 32 33 **Total West** 492 471 469 473 481 469 477 507 521 527 495 492 501 509 499 488 490 688 688 688 688 688 688 688 688 688 688 688 688 688 688 688 688 688 688 South Other 69 68 68 68 68 70 71 71 69 69 69 70 69 70 Total U.S. 1,249 1,227 1,225 1,229 1,238 1,225 1,234 1,265 1,280 1,286 1,281 1,252 1,249 1,258 1,267 1,256 1,245 1,248 Estimated North American Inventories (million board feet) 2015 2016 Region <u>AUG</u> SEP OCT NOV DEC **FEB** MAR **APR** MAY **JUN AUG** SEP **OCT** MAY JUN JAN JUL Coast 713 644 615 620 609 619 631 617 654 659 658 666 668 666 645 627 629 633 539 574 482 495 Inland 538 509 504 527 538 544 563 576 565 526 505 487 487 506 142 139 128 Cal Redwood 137 135 138 138 140 141 143 142 138 132 130 126 127 127 127 **Total West** 1.389 1.287 1.257 1.285 1,288 1.298 1.316 1.323 1.372 1.360 1.324 1.303 1.280 1.254 1.240 1.251 1,267 1.577 1.577 1.577 1.577 1.577 1.577 1.577 South 1.577 1.577 1.577 1.577 1.577 1.577 1.577 1.577 1.577 1.577 1.577 Other 162 158 156 158 158 158 159 159 162 162 156 159 153 152 151 150 151 151 Total U.S. 3,128 3,022 2,990 3,020 3,022 3,033 3,052 3,060 3,111 3,112 3,093 3,060 3,033 3,009 2,982 2,967 2,979 2,995 1,215 1,233 1,219 1,179 British Columbia 1,293 1,263 1,315 1,342 1,310 1,231 1,179 1,188 1,205 1,202 1,257 1,238 1,202 1,173 1.774 1.717 1.674 1.686 1,717 1,673 1.751 1.820 1.840 1.888 1,925 1.835 1.804 1.685 1.718 1,704 Prairies & Eastern Canada 1.769 1.689 **Total Canada** 2,981 2,989 3,028 3,027 2.905 2,930 2.957 3.025 3,055 3,090 3.157 3,092 3,042 2,904 2,891 2,891 2,883

6,016

6.136

6,217

5,858

5,878