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2000 MSR Lumber Production Survey by Kathy James

For more than three decades machine stress rated (MSR) lumber has been actively produced in North America. For more than ten years the MSR Lumber Producers Council (MSRLPC) has tracked the progress of the industry and published an annual production survey. This survey is offered by the MSRLPC as a service to its members. The annual production survey is one way to monitor the progress of the MSR lumber industry in North America and ultimately to promote the use of MSR lumber worldwide.

As indicated in the following charts and graphs, MSR production was once again on the rise in 2000. The production data included in the 2000 survey was received from all but five producers of MSR lumber in North America. The five producers that chose not to participate represent all four species groups currently in production. It is estimated that the cumulative production from these five mills did not exceed 110 million board feet in 2000. The data shown in this survey does not include any production estimates from these mills.

Due to the proprietary nature of the data, it was essential to ensure the anonymity of any single producer. If there were not at least three producers of any give size, grade, species or classification, these data were combined into the "Other" category. In this way, anonymity was preserved. The term "NA" is shown in the data tables where this situation occurs.

The species group designators reported in the survey include Douglas Fir-Larch (DFL), Hem-Fir (HF), Spruce-Pine-Fir (SPF) and Southern Yellow Pine (SYP). Note that the SPF does not differentiate between SPF North and SPF South. [CLICK ON IMAGES FOR LARGER VIEW]

Species	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
DFL	105.9	122.1	115.8	125.4	123.1	133.6	134.3	176.6	159.0	147.0
HF	28.1	44.1	56.3	39.7	34.8	44.2	60.5	66.7	67.0	57.0
SPF	468.5	546.1	553.1	568.1	652.5	714.9	758.1	859.4	954.7	1284.5
SYP	91.3	105.1	117.5	115.7	111.8	116.1	138.9	154.1	201.1	185.7
Total	693.8	807.4	842.7	848.9	923.2	1008.8	1091.8	1286.8	1381.8	1674.2

TABLE 1: TOTAL MSR PRODUCTION VOLUME BY SPECIES (MILLION BOARD FEET)

Size	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
2x3	6.8	12.4	9.2	11.9	21.0	20.9	33.0	48.2	27.8	116.2
2x4	413.6	473.9	509.1	505.3	546.7	564.5	611.3	830.8	840.0	1042.1
2x5	0.0	0.0	0.0	0.3	NA ¹	NA ¹	2.9	NA ¹	NA ¹	NA ¹
2x6	210.3	248.1	244.6	239.0	249.3	247.8	277.7	319.8	349.9	359.9
2x8	31.0	38.3	39.4	41.1	45.4	32.7	38.5	61.6	68.1	69.9
2x10	15.2	18.4	20.4	21.4	19.5	13.1	13.9	21.5	35.7	31.7
2x12	4.8	5.3	5.0	4.9	3.3	4.3	4.5	8.3	9.3	9.7
Other	12.3	11.1	15.1	23.0	37.1	325.5	110.0	16.7	23.0	NA ¹
Total	693.8	807.4	842.7	848.9	923.2	1008.8	1091.8	1286.8	1381.8	1674.2

TABLE 2: TOTAL MSR PRODUCTION VOLUME BY SIZE (MILLION BOARD FEET)

Grade	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
1250Fb-1.1E	3.1	3.5	3.2	3.1	3.3	NA ¹	2.8	NA ¹	NA ¹	NA ¹
1450Fb-1.3E	31.0	33.4	42.8	43.1	45.2	49.2	42.4	53.3	42.3	49.9
1650Fb-1.5E	312.9	372.7	404.3	378.2	420.3	430.8	480.0	556.3	596.8	804.8
1800Fb-1.6E	46.2	48.9	54.6	52.8	45.7	68.8	72.7	64.7	61.0	67.8
1950Fb-1.7E	20.9	23.4	30.6	21.2	30.0	21.5	23.2	35.9	28.0	25.4
2100Fb-1.8E	146.8	177.3	165.9	178.2	199.7	190.0	219.2	262.1	287.8	363.2
2250Fb-1.9E	32.6	36.2	43.6	46.4	42.4	33.4	34.4	30.0	34.3	37.3
2400Fb-2.0E	86.1	96.2	83.6	87.8	87.2	89.3	96.4	125.9	143.3	157.9
2500Fb-2.1E	0.0	0.0	0.2	5.5	3.1	0.0	3.2	0.0	NA ¹	6.5
2550Fb-2.1E	5.4	5.4	6.1	0.0	3.0	NA ¹	3.7	0.0	NA ¹	0.0
2700Fb-2.2E	2.0	2.9	2.7	2.9	3.6	NA ¹	3.8	NA ¹	NA ¹	NA ¹
2850Fb-2.3E	1.4	2.3	2.4	2.8	2.7	NA ¹	3.0	NA ¹	NA ¹	3.2
All Grades	0.0	0.0	0.0	0.0	0.0	NA ¹	NA ¹	NA ¹	83.9	147.3
Other	12.3	11.1	15.1	23.1	37.1	325.8	113.0	160.6	163.3	NA ¹
Total	693.7	804.8	842.6	845.1	923.2	1008.8	1091.8	1286.8	1381.8	1674.2

TABLE 3: TOTAL MSR PRODUCTION VOLUME BY GRADE (MILLION BOARD FEET)

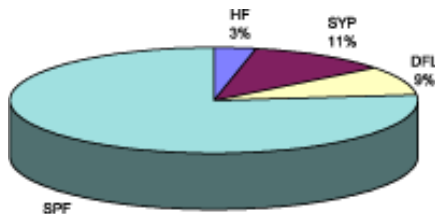


FIGURE 1: TOTAL 2000 PRODUCTION BY SPECIES

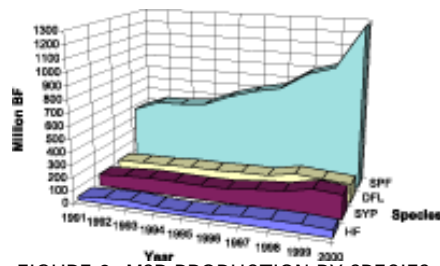


FIGURE 2: MSR PRODUCTION BY SPECIES 1991-2000

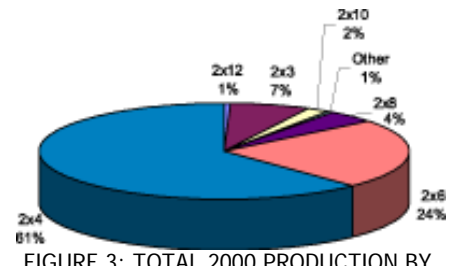


FIGURE 3: TOTAL 2000 PRODUCTION BY SIZE

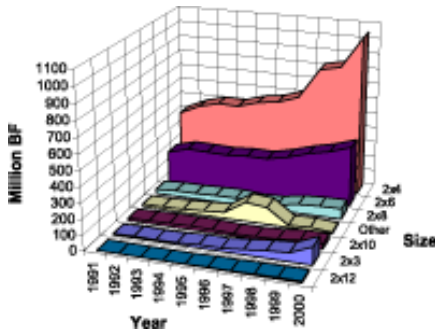


FIGURE 4: MSR PRODUCTION BY SIZE 1991-2000

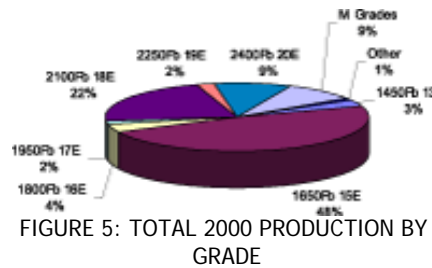


FIGURE 5: TOTAL 2000 PRODUCTION BY GRADE

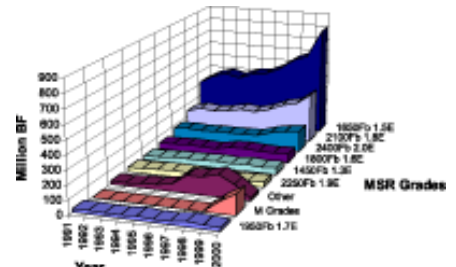


FIGURE 6: MSR PRODUCTION BY GRADE 1991-2000

Upon reviewing the data provided in this survey, it will become obvious that the “Other” category continues to be used as a catch-all for smaller volumes of items such as export and glulam lumber. You will also note that Machine Evaluated Lumber (MEL) grades (denoted as M Grades) show up as a separate item this year. This is possible because of their growing popularity.

The 2000 MSR Lumber Production Survey is a voluntary survey conducted by JoraTek Enterprises on behalf of the MSR Lumber Producers Council. Neither JoraTek Enterprises nor the MSR Lumber Producers Council assumes any responsibility for the accuracy of the data supplied for the survey.

Kathy James is the owner of JoraTek Enterprises, Inc., and the Business Manager of the MSR Lumber Producers Council.

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