



MSR
LUMBER PRODUCERS COUNCIL



Annual Production Survey

2015

MSR Lumber Producers Council Annual Production Survey 2015

Table of Contents

About the Survey, Respondents, and Results	2
Ten Years at a Glance, 2006 – 2015	3
MSR Production Volume By Species, 2006 – 2015	
MSR Production Volume By Size, 2006 – 2015	
MSR Production Volume By Grade, 2006 – 2015	
MSR Production Volume Since 1994	8
MSR Production Volume By Species, 1994 – 2015	
MSR Production Volume By Size, 1994 – 2015	
MSR Production Volume By Grade, 1994 – 2015	
DFL Production Volume By Size and Grade	10
DFL Production Volume, 2006 – 2015	
DFL Production Volume, 2015	
HF Production Volume By Size and Grade	13
HF Production Volume, 2006 – 2015	
HF Production Volume, 2015	
SPF Production Volume By Size and Grade	15
SPF Production Volume, 2006 – 2015	
SPF Production Volume, 2015	
SYP Production Volume By Size and Grade	18
SYP Production Volume, 2006 – 2015	
SYP Production Volume, 2015	

About the MSR Lumber Production Survey

In 1994, the MSR Lumber Producers Council (MSRLPC) began tracking the progress of the Machine Stress Rated lumber industry and publishing an annual production survey. Including responses from Council members and nonmembers, this annual production survey is a useful tool for monitoring the progress of the MSR lumber industry in North America and ultimately promoting the use of MSR lumber worldwide.

Receipt of this survey is a benefit of membership in MSRLPC. The results of this survey, in whole or in part, may not be shared, released or reproduced in any way without written consent from the MSRLPC Board of Directors.

About the Survey Respondents

For the 2015 MSR production year, survey responses were received from 21 MSR lumber producers representing about four dozen lumber mills.

It is important to note that no producer is privy to any of the raw data and only the final report is available for review.

This is a voluntary survey conducted by the MSR Lumber Producers Council. MSRLPC does not assume responsibility for the accuracy of the data supplied for the survey.

About the Survey Results

The species group designations reported in the survey are Douglas Fir-Larch (DFL), Hem-Fir (HF), Spruce-Pine-Fir (SPF), and Southern Yellow Pine (SYP).

The Machine Evaluated Lumber (MEL) grades have been listed separately in the tables since 2001. In 1999 and 2000, MEL was reported in the "M Grades" category. Prior to 1999, MEL was combined in the "Other" category.

Due to recent consolidation in the lumber industry resulting in the privatization of a handful of mills, SYP data needed to be extrapolated beginning in 2013. This process was necessary in order to continue a reasonable production comparison going forward, and is extrapolated from 2012 production.

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Machine Stress Rated Lumber Ten Years at a Glance Production Survey 2006 – 2015

Table 1. Total MSR Production Volume by Species (Million Board Feet)

Species	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
DFL	133.6	77.1	89.4	64.7	102.3	96.7	120	162.1	149.6	185.8
HF	59.2	34.8	35.4	14.2	13.4	19	12.4	12.2	11.8	11.9
SYP	279.5	199.2	181	123.5	133.9	149.4	245.9	235.6	365.3	337.7
SPF	1720.9	1056.6	982.8	847.7	833.8	781.5	787.4	946.6	824.9	826.2
Total	2193.2	1367.7	1288.7	1050	1083.3	1046.6	1165.7	1356.6	1351.6	1361.6

Table 2. Total MSR Production Volume by Size (Million Board Feet)

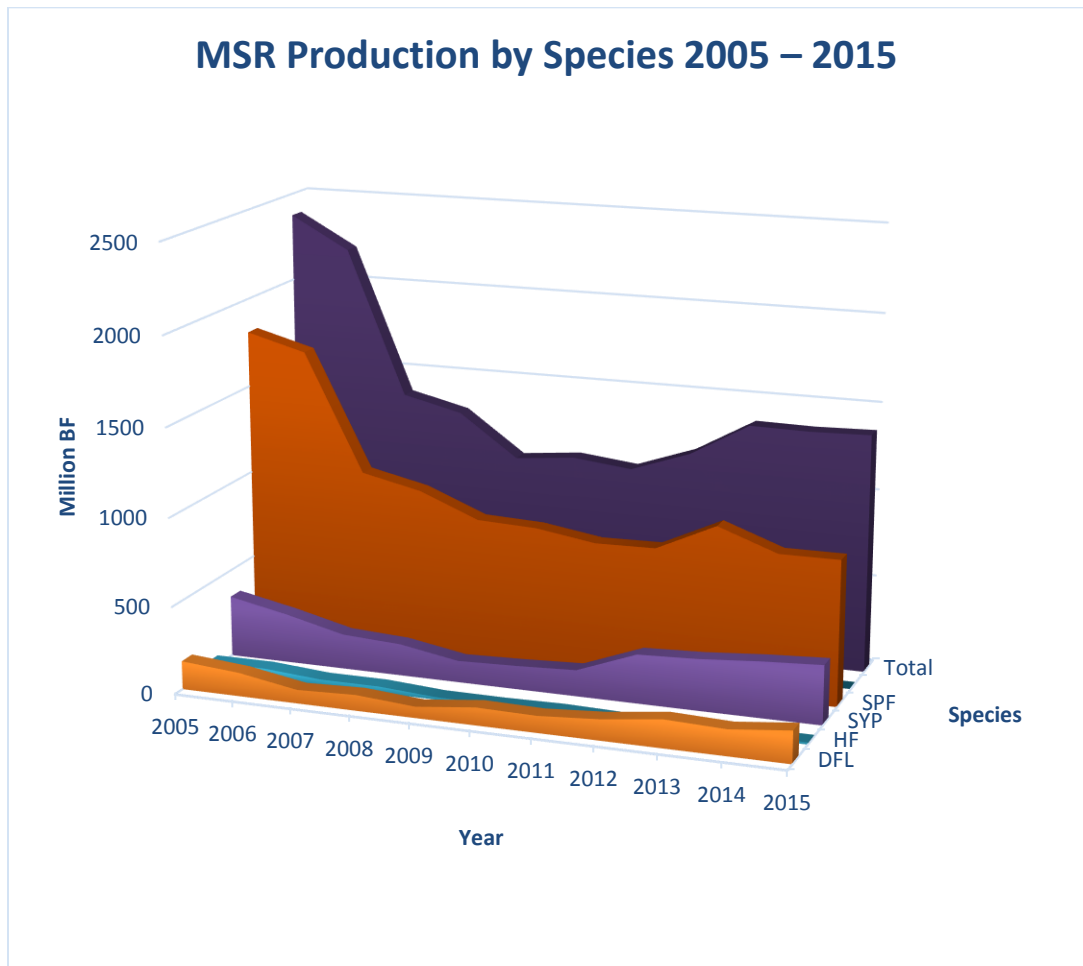
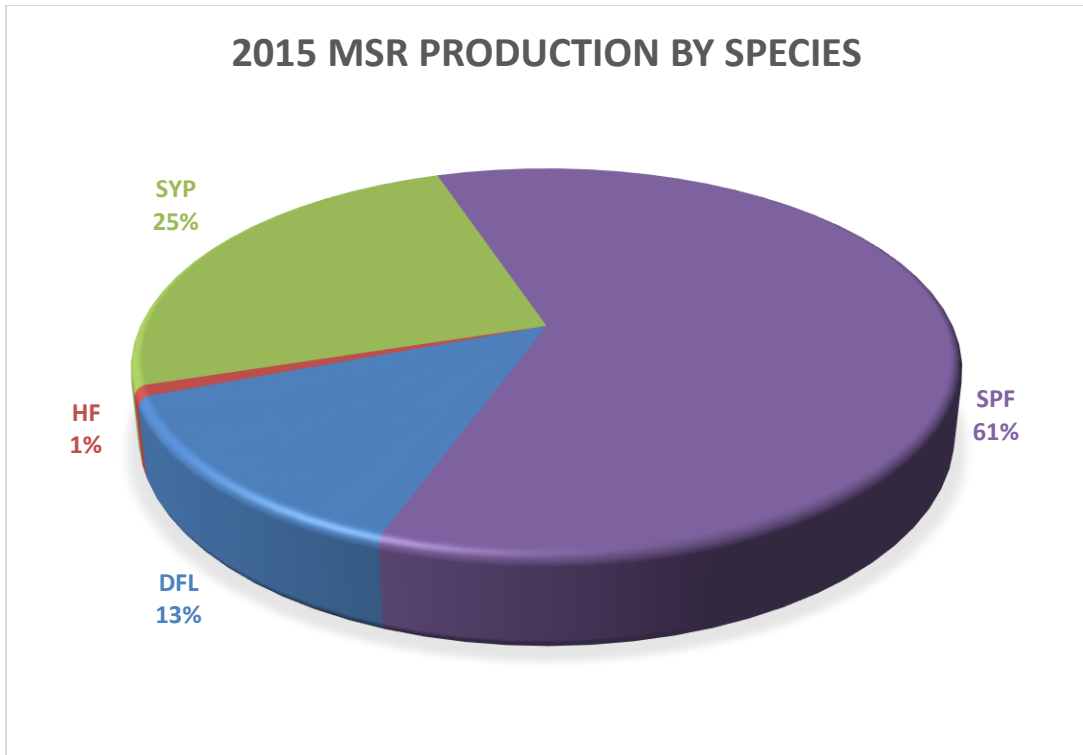
Size	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
2x12	13.7	14.8	17.8	11.4	13	16.5	21.2	22.3	29.0	19.3
2x10	46.1	50	45.2	31.4	37.4	36.5	46.5	52.8	62.3	58.0
2x8	100.6	83.4	77.9	51.1	54.1	49.4	75.2	73.6	102.6	104.8
2x3	78.2	31.4	145.2	126.2	147.4	134.1	119.7	143.2	143.0	129.1
2x6	584.1	420.4	331.5	269.4	265.5	281.6	309.8	348.1	352.3	358.8
2x4	1370.5	767.7	671.1	560.5	565.9	528.4	593.4	716.6	662.4	691.6

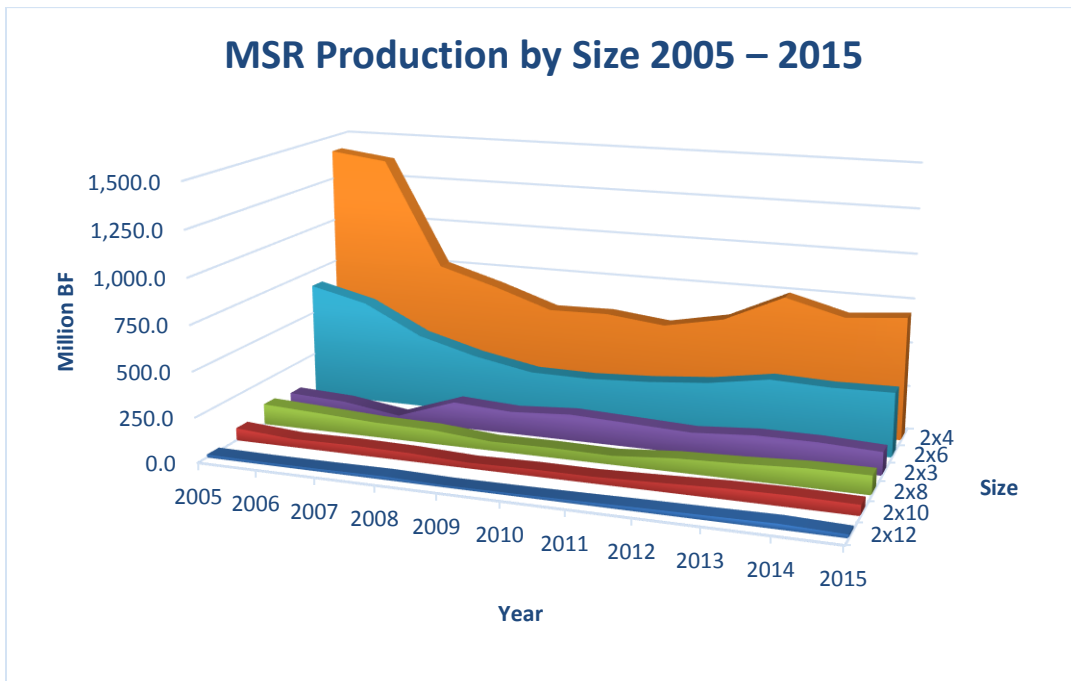
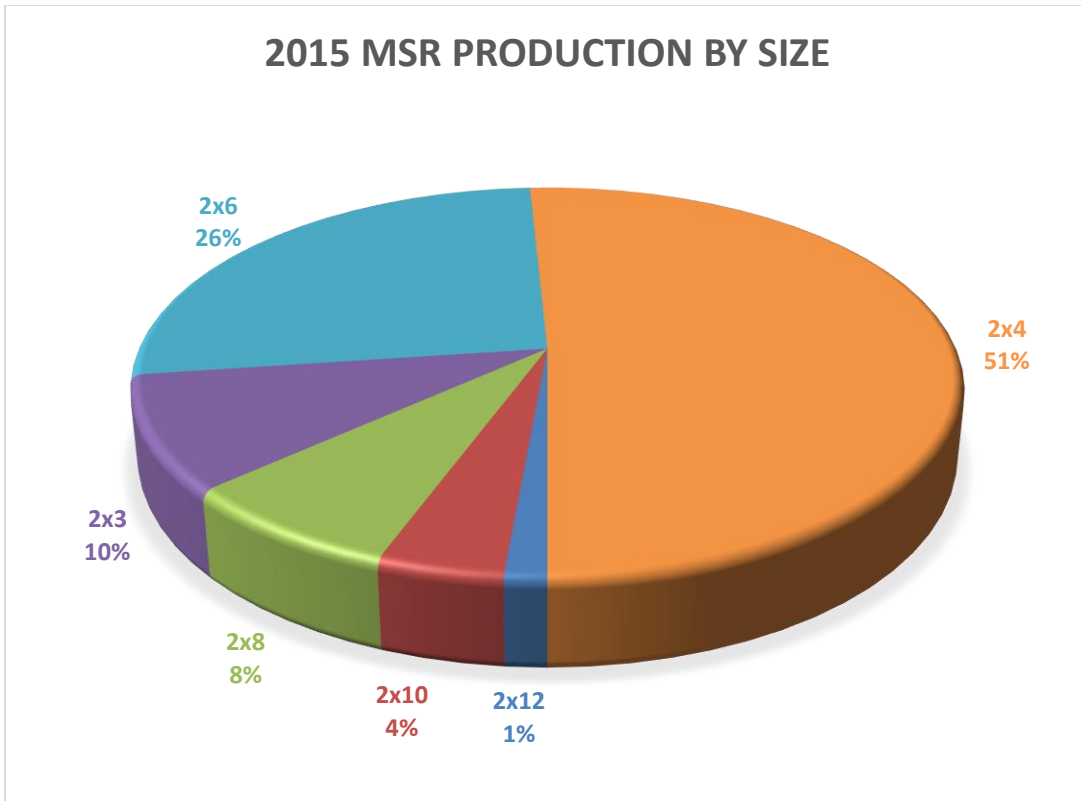
¹These data were combined into the Other category

Table 3. Total MSR Production Volume by Grade (Million Board Feet)

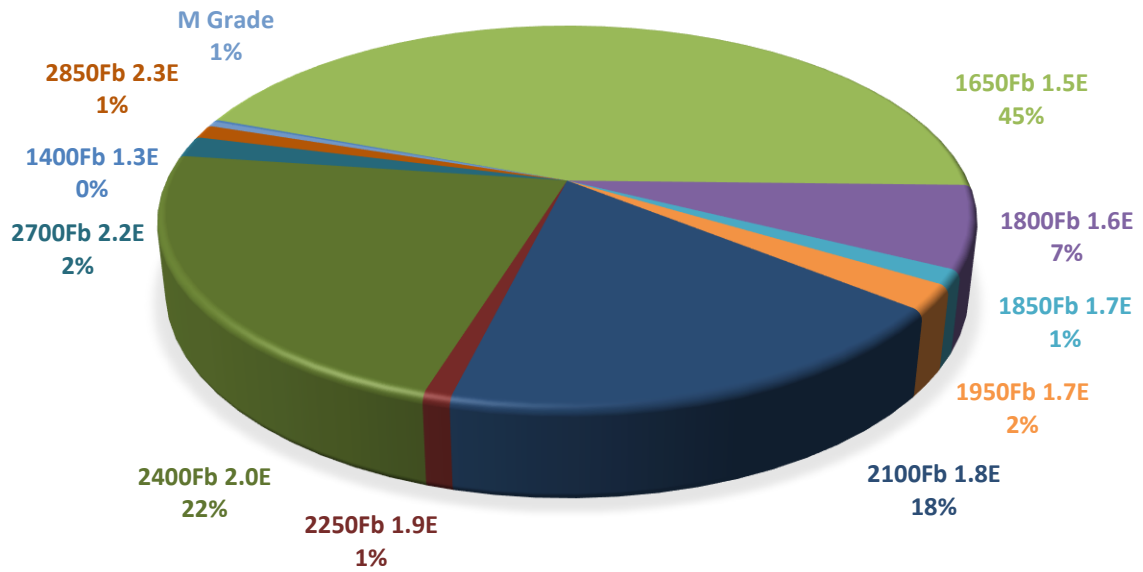
Grade	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1400Fb 1.3E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
1450Fb 1.3E	NA ¹	35.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500Fb 1.4E	0.0	0.0	7.2	5.2	6.0	9.0	9.1	6.9	0.0	0.0
1650Fb 1.5E	1137.4	719.1	642.3	580.2	538.2	535.6	528.3	653.5	584.9	605.6
1800Fb 1.6E	74.7	27.2	29.0	21.1	45.3	48.4	58.8	82.6	75.6	95.0
1850Fb 1.7E	0.0	0.0	0.0	0.0	0.0	0.8	14.1	0	17.8	17.0
1950Fb 1.7E	42.3	24.8	24.9	15.7	19.2	12.7	20.8	30.3	20.7	28.8
2100Fb 1.8E	473.3	278.6	300.9	230.4	261.2	240.7	266.9	301.9	249.4	245.6
2250Fb 1.9E	22.5	4.9	7.4	6.2	10.7	3.2	5.4	7.9	12.0	12.7
2400Fb 2.0E	286.8	220.7	232.9	165.8	176.3	175.7	206.9	214.0	316.4	303.9
2500Fb 2.1E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2550Fb 2.1E	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.2	0.0	0.0
2700Fb 2.2E	NA ¹	0.0	1.1	0.8	0.0	0.3	17.6	17.6	22.1	24.0
2850Fb 2.3E	8.9	5.5	5.9	3.9	3.5	2.1	13.3	15.4	19.0	15.4
M10	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
M12	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0
M14	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
M19	13.8	1.1	0.9	0.9	1.4	0.4	0.0	0.0	0.0	0.0
M23	22.5	27.7	21.8	13.0	15.5	9.2	8.3	20.9	0.0	0.0
M26	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
M29	11.2	9.1	11.8	6.2	6.0	8.5	15.1	3.1	0.0	0.0
M30	28.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
M31	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
M Grades	102.4 ²	37.9 ²	35.0 ²	20.7 ²	22.9 ²	18.1 ²	23.5 ²	24.0 ²	5.7	6.1
Other	44.9	13.6	0.0	0.0	0.0	0.0	0.0	0.0	27.5	0.0
Total	2193.2	1367.7	1288.7	1050.0	1083.3	1046.6	1165.7	1356.6	1351.6	1361.6

¹These data were combined into the Other category ²These data were totaled for reference only

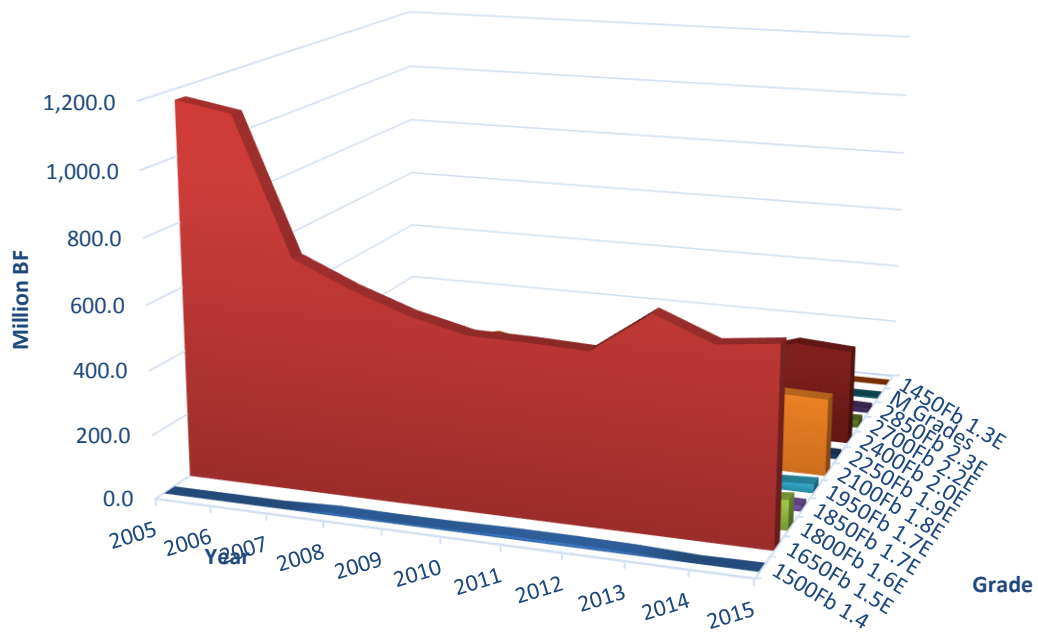




2015 MSR PRODUCTION BY GRADE



MSR Production by Grade 2005 – 2015



MSR Production Volume Since 1994

Table 4. Total MSR Production Volume by Species (Million Board Feet)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
DFL	125.4	123.1	133.6	134.3	176.6	159	147	146.7	147.7	162.9	173.9	160.8	133.6	77.1	89.4	64.7	102.3	96.7	120	162.1	149.6	185.9
HF	39.7	34.8	44.2	60.5	66.7	67	57	63.9	62.6	56.2	60.7	57.4	59.2	34.8	35.4	14.2	13.4	19	12.4	12.2	11.8	11.9
SPF	568.1	652.5	714.9	758.1	889.4	954.7	1284.5	1229.7	1492.4	1497.9	1664.6	1810.8	1720.9	1056.6	982.8	847.7	833.8	781.5	787.4	946.6	824.9	826.2
SYP	115.7	111.8	116.1	138.9	154.1	201.1	185.7	226.6	271.1	290.7	276.8	347.1	279.5	199.2	181	123.5	133.9	149.4	245.9	235.6	365.3	337.7
Total	848.9	922.2	1008.8	1091.8	1286.8	1381.8	1674.2	1666.9	1973.8	2007.7	2176	2376.1	2193.2	1367.7	1288.7	1050	1083.3	1046.6	1165.7	1356.6	1351.6	1361.6

Table 5. Total MSR Production Volume by Size (Million Board Feet)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
2x3	11.9	21.0	20.9	33.0	48.2	57.8	116.2	58.5	71.8	83.7	89.7	94.1	78.2	31.4	145.2	126.2	147.4	134.1	119.7	143.2	143.0	129.1
2x4	505.3	546.7	564.5	611.3	810.8	840.0	1042.1	1029.3	1200.2	1215.6	1291.5	1412.4	1370.5	767.7	671.1	560.5	565.9	528.4	593.4	716.6	662.4	691.6
2x5	0.3	NA ¹	NA ¹	2.9	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2x6	239.0	249.3	247.8	277.7	319.8	349.9	395.9	433.4	525.4	519.8	588.7	662.6	584.1	420.4	331.5	269.4	265.5	281.6	309.8	348.1	352.3	358.8
2x8	43.1	45.4	32.7	38.5	61.6	68.1	69.9	91.3	108.3	111.3	117.9	116.2	100.6	83.4	77.9	51.1	54.1	49.4	75.2	73.6	102.6	104.8
2x10	21.4	19.5	13.1	13.9	21.5	35.7	31.7	39.5	52.9	56.9	65.9	69.3	46.1	50.0	45.2	31.4	37.4	36.5	46.5	52.8	62.3	58.0
2x12	4.9	3.3	4.3	4.5	8.3	9.3	9.7	10.0	11.6	16.8	17.2	16.5	13.7	14.8	17.8	11.4	13.0	16.5	21.2	22.3	29.0	19.3
Other	23.0	37.1	125.5	110.0	16.7	21.0	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	848.9	922.2	1008.8	1091.8	1286.9	1381.8	1674.2	1666.9	1973.8	2007.7	2176.0	2376.1	2193.2	1367.7	1288.7	1050.0	1083.3	1046.6	1165.7	1356.6	1351.6	1361.6

Table 6. Total MSR Production Volume by Grade (Million Board Feet)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1350Fb 1.3E	3.1	2.2	NA ¹	2.8	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1450Fb 1.3E	43.1	45.2	49.2	42.4	53.3	42.3	49.9	45.2	34.0	33.9	NA ¹	23.7	NA ¹	35.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500Fb 1.4E	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	7.2	5.2	6.0	9.0	9.1	6.9	0.0	0.0
1650Fb 1.5E	378.2	420.3	430.8	480.0	556.3	596.8	804.8	792.7	962.2	967.3	1044.1	1167.8	1137.4	719.1	642.3	580.2	538.2	535.6	528.3	653.5	584.9	605.6
1800Fb 1.6E	52.8	45.7	68.8	72.7	64.7	61.0	67.8	74.8	72.3	74.5	95.5	98.4	74.7	27.2	29.0	21.1	45.3	48.4	58.8	82.6	75.6	95.0
1850Fb 1.7E	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	0.8	14.1	0	0.0	17.0
1950Fb 1.7E	21.2	30.0	21.5	23.2	35.9	29.0	25.4	41.0	44.8	48.1	41.9	39.1	42.3	24.8	24.9	15.7	19.2	12.7	20.8	30.3	20.7	28.8
2100Fb 1.8E	178.2	199.7	190.0	219.2	262.1	287.8	365.2	342.1	422.1	419.0	529.7	529.7	473.3	278.6	300.9	230.4	261.2	240.7	266.9	301.9	249.4	245.6
2250Fb 1.9E	46.4	42.4	33.4	34.4	30.0	34.3	37.3	41.7	53.8	55.1	40.9	29.2	22.5	4.9	7.4	6.2	10.7	3.2	5.4	7.9	12.0	12.7
2400Fb 2.0E	87.8	87.2	89.3	90.4	123.9	143.3	157.9	184.2	224.7	256.4	291.2	321.1	286.8	220.7	232.9	165.8	176.3	175.7	206.9	214.0	316.4	303.9
2500Fb 2.1E	5.5	3.1	0.0	3.2	0.0	NA ¹	6.5	8.1	2.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2550Fb 2.1E	0.0	3.0	NA ¹	3.7	0.0	NA ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.2	0.0	0.0
2700Fb 2.2E	2.9	3.6	NA ¹	3.8	NA ¹	NA ¹	NA ¹	4.7	8.9	20.7	NA ¹	NA ¹	NA ¹	0.0	1.1	0.8	0.0	0.3	17.6	17.6	22.1	24.0
2850Fb 2.3E	2.8	2.7	NA ¹	3.0	NA ¹	NA ¹	3.2	4.8	5.3	7.9	8.9	8.1	8.9	5.5	5.9	3.9	3.5	2.1	13.3	15.4	19.4	15.4
M Grades	0.0	0.0	NA ¹	NA ¹	NA ¹	83.9	147.3	122.1	142.8	119.5	82.6	140.6	102.4	37.9	35.0	20.7	22.9	18.1	23.5	24.0	5.7	6.1
Other	23.1	37.1	125.8	113.0	160.6	103.3	NA ¹	4.9	NA ¹	NA ¹	41.2	18.4	44.9	13.6	0.0	0.0	0.0	0.0	0.0	0.0	27.5	2.4
Total	845.1	922.2	1008.8	1091.8	1286.8	1381.8	1674.2	1666.9	1973.8	2007.7	2176.0	2376.1	2193.2	1367.7	1288.7	1050.0	1083.3	1046.6	1165.7	1356.6	1351.6	1351.6