

MSR COUNCIL MATTERS

June 2009

Production Survey Results

THANK YOU to everyone who participated in the annual MSR Production Survey! We greatly appreciate you taking the time to share with us this pertinent information.

For the 2008 MSR production year, survey responses were received from 28 MSR lumber producers in the US and Canada. In addition, the revised 2007 survey is also available, with results based on responses from 23 producers.

The MSR Production Survey is the only one of its kind that tracks MSR lumber production by species, grade, and size. It is informative for monitoring trends, such as:

- 2005 marks the height of MSR production, with 2376.1 MBF reported.
- 75% of all production by species is consistently SPF.
- Production of 2x4 lumber has dipped slightly from its typical 60% of overall volume with relative increases in 2x3 and 2x6.
- 50% of all production by grade is consistently 1650Fb 1.5E, which is the most popular grade for HF and SPF.
- SYP production by grade has shifted dramatically to 2400Fb 2.0E, from 43% to 79% over the past 9 years.
- Relative production of M grade lumber for all species has fallen from 9% to 3% over the past 9 years.

Council members receive the annual survey results as a benefit of membership. If you have questions about membership in the Council or would like more information, please contact info@msrlumber.org.

Board of Directors Update

In May, we were pleased to welcome another new member to our Board of Directors: Mike Warren of Temple-Inland Forest Products.

Our annual elections will be held in October. Please [let us know](#) if you have any questions.

Frequently Asked Questions

Starting with our January issue, we began sharing the technical questions that callers ask when contacting the Council. One of our recent callers asked the following:

“How are specific gravity (G) values for lumber grades determined and where can I find them?”

To answer this question, we turned to the [National Design Specification® \(NDS\) for Wood Construction](#). Specific gravity (G) is assigned to MSR grades based on the tested relationship between Modulus of Elasticity (E) and the G value, through work performed by the Forest Products Laboratory and the early 1990s in-grade testing program. **NDS Table 11.3.2A** provides the assigned specific gravity for species combinations of MSR (excerpt shown on the following page).

Note also that an MSR producer can quality control test its production and put a specific gravity value on its grade stamp. (This value may differ from the handbook value). This would be done if a resource has a higher specific gravity than that in the handbook and the producer wishes to take advantage of that.

What are your customers' most frequently asked questions? As we compile this information, we will make it available on our website, so please let us know what else you would like to see posted at www.msrlumber.org.

**National Design Specification® (NDS) for Wood Construction, 2005 Edition
ANSI/AF&PA NDS-2005**

Table 11.3.2A (excerpt). Highlighting in table from original, to aid in readability.

Species Combinations of MSR and MEL Lumber	Specific ¹ Gravity, G
Douglas Fir-Larch	
E=1,900,000 psi and lower grades of MSR	0.50
E=2,000,000 psi grades of MSR	0.51
E=2,100,000 psi grades of MSR	0.52
E=2,200,000 psi grades of MSR	0.53
E=2,300,000 psi grades of MSR	0.54
E=2,400,000 psi grades of MSR	0.55
Douglas Fir-Larch (North)	
E=1,900,000 psi and lower grades of MSR and MEL	0.49
E=2,000,000 psi to 2,200,000 psi grades of MSR and MEL	0.53
E=2,300,000 psi and higher grades of MSR and MEL	0.57
Douglas Fir-Larch (South)	
E=1,000,000 psi and higher grades of MSR	0.46
Engelmann Spruce-Lodgepole Pine	
E=1,400,000 psi and lower grades of MSR	0.38
E=1,500,000 psi and higher grades of MSR	0.46
Hem-Fir	
E=1,500,000 psi and lower grades of MSR	0.43
E=1,600,000 psi grades of MSR	0.44
E=1,700,000 psi grades of MSR	0.45
E=1,800,000 psi grades of MSR	0.46
E=1,900,000 psi grades of MSR	0.47
E=2,000,000 psi grades of MSR	0.48
E=2,100,000 psi grades of MSR	0.49
E=2,200,000 psi grades of MSR	0.50
E=2,300,000 psi grades of MSR	0.51
E=2,400,000 psi grades of MSR	0.52
Hem-Fir (North)	
E=1,000,000 psi and higher grades of MSR and MEL	0.46
Southern Pine	
E=1,700,000 psi and lower grades of MSR and MEL	0.55
E=1,800,000 psi and higher grades of MSR and MEL	0.57
Spruce-Pine-Fir	
E=1,700,000 psi and lower grades of MSR and MEL	0.42
E=1,800,000 psi and 1,900,000 grades of MSR and MEL	0.46
E=2,000,000 psi and higher grades of MSR and MEL	0.50
Spruce-Pine-Fir (South)	
E=1,100,000 psi and lower grades of MSR	0.36
E=1,200,000 psi to 1,900,000 psi grades of MSR	0.42
E=2,000,000 psi and higher grades of MSR	0.50
Western Cedars	
E=1,000,000 psi and higher grades of MSR	0.36
Western Woods	
E=1,000,000 psi and higher grades of MSR	0.36