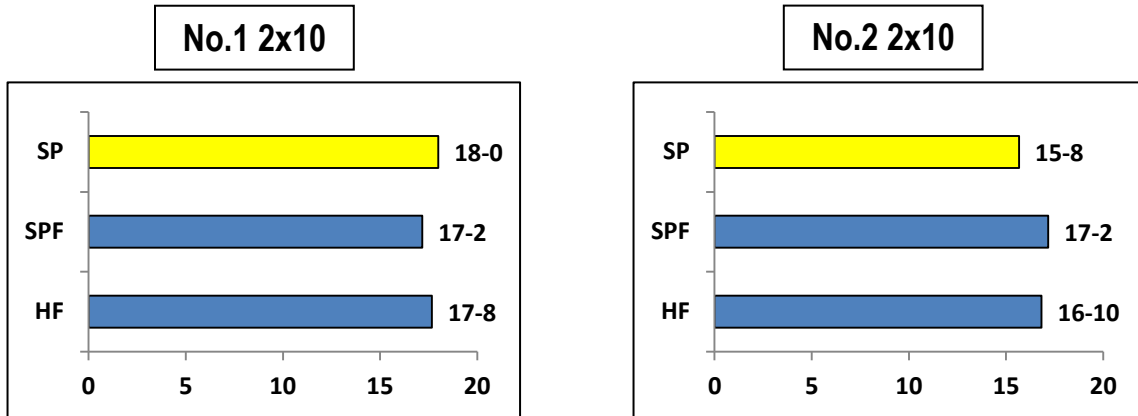


**Maximum Span Comparisons by Species  
New Southern Pine<sup>1</sup> vs. Current Other Species<sup>2</sup>**

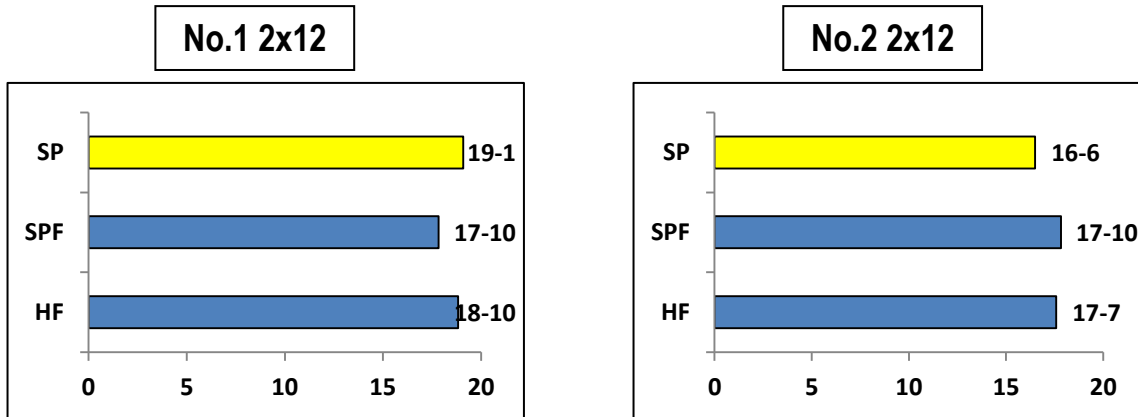
<sup>1</sup>Effective June 1, 2013

Maximum spans in feet-inches, spacing 16 inches on center

**Table 1 FLOOR JOISTS – 30 psf Live Load, 10 psf Dead Load, 360 Deflection**



**Table 2 FLOOR JOISTS – 40 psf Live Load, 10 psf Dead Load, 360 Deflection**



<sup>1</sup>On February 11, 2013, the Southern Pine Inspection Bureau published new design values for all sizes and grades of visually graded Southern Pine dimension lumber in *Supplement No. 13 to the 2002 Standard Grading Rules for Southern Pine Lumber*. The Southern Pine spans in these graphs were calculated using the new design values which become effective June 1, 2013.

<sup>2</sup>The spans for other species in these graphs were calculated using current design values for those species as of February 2013. SPF = Spruce-Pine-Fir, HF = Hem-fir.

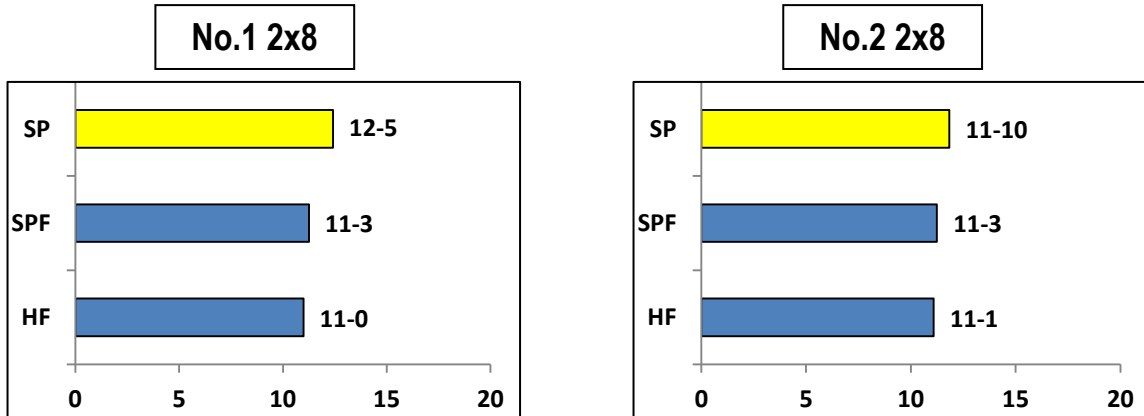
The Southern Forest Products Association (SFPA) does not test lumber or establish design values. Accordingly, neither SFPA, nor its members, warrant that the design values on which the span tables are based are correct, and disclaim responsibility for injury or damage resulting from the use of such span tables.

**Maximum Span Comparisons by Species  
New Southern Pine<sup>1</sup> vs. Current Other Species<sup>2</sup>**

<sup>1</sup>Effective June 1, 2013

Maximum spans in feet-inches, spacing 16 inches on center

**Table 12 WET-SERVICE FLOOR JOISTS – MC>19%  
40 psf Live Load, 10 psf Dead Load, 360 Deflection**



<sup>1</sup>On February 11, 2013, the Southern Pine Inspection Bureau published new design values for all sizes and grades of visually graded Southern Pine dimension lumber in *Supplement No. 13 to the 2002 Standard Grading Rules for Southern Pine Lumber*. The Southern Pine spans in these graphs were calculated using the new design values which become effective June 1, 2013.

<sup>2</sup>The spans for other species in these graphs were calculated using current design values for those species as of February 2013. SPF = Spruce-Pine-Fir, HF = Hem-fir.

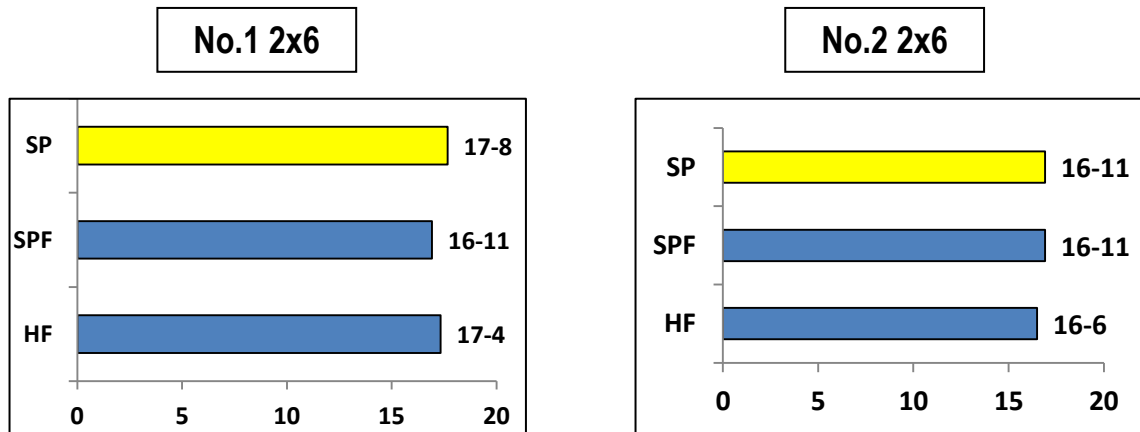
The Southern Forest Products Association (SFPA) does not test lumber or establish design values. Accordingly, neither SFPA, nor its members, warrant that the design values on which the span tables are based are correct, and disclaim responsibility for injury or damage resulting from the use of such span tables.

**Maximum Span Comparisons by Species  
New Southern Pine<sup>1</sup> vs. Current Other Species<sup>2</sup>**

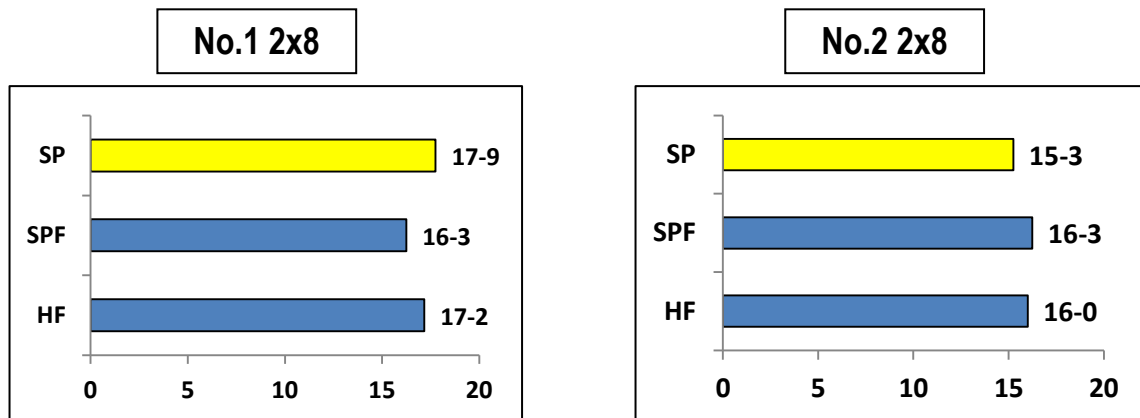
<sup>1</sup>Effective June 1, 2013

Maximum spans in feet-inches, spacing 16 inches on center

**Table 15 CEILING JOISTS – 10 psf Live Load, 5 psf Dead Load, 240 Deflection**



**Table 16 CEILING JOISTS – 20 psf Live Load, 10 psf Dead Load, 240 Deflection**



<sup>1</sup>On February 11, 2013, the Southern Pine Inspection Bureau published new design values for all sizes and grades of visually graded Southern Pine dimension lumber in *Supplement No. 13 to the 2002 Standard Grading Rules for Southern Pine Lumber*. The Southern Pine spans in these graphs were calculated using the new design values which become effective June 1, 2013.

<sup>2</sup>The spans for other species in these graphs were calculated using current design values for those species as of February 2013. SPF = Spruce-Pine-Fir, HF = Hem-fir.

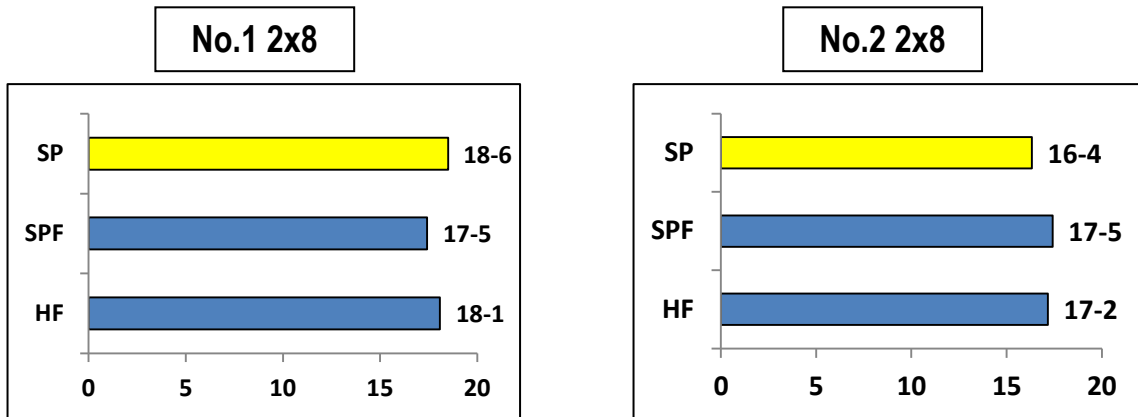
The Southern Forest Products Association (SFPA) does not test lumber or establish design values. Accordingly, neither SFPA, nor its members, warrant that the design values on which the span tables are based are correct, and disclaim responsibility for injury or damage resulting from the use of such span tables.

**Maximum Span Comparisons by Species  
New Southern Pine<sup>1</sup> vs. Current Other Species<sup>2</sup>**

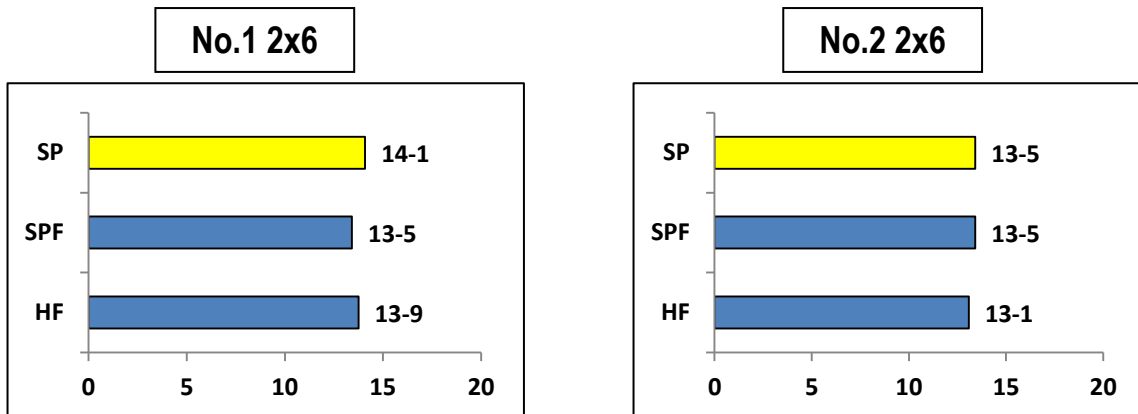
<sup>1</sup>Effective June 1, 2013

Maximum spans in feet-inches, spacing 16 inches on center

**Table 17 RAFTERS – 20 psf Live Load, 10 psf Dead Load, 240 Deflection  
 $C_D = 1.15$  (snow load)**



**Table 41 RAFTERS – 20 psf Live Load, 10 psf Dead Load, 240 Deflection  $C_D = 1.25$**



<sup>1</sup>On February 11, 2013, the Southern Pine Inspection Bureau published new design values for all sizes and grades of visually graded Southern Pine dimension lumber in *Supplement No. 13 to the 2002 Standard Grading Rules for Southern Pine Lumber*. The Southern Pine spans in these graphs were calculated using the new design values which become effective June 1, 2013.

<sup>2</sup>The spans for other species in these graphs were calculated using current design values for those species as of February 2013. SPF = Spruce-Pine-Fir, HF = Hem-fir.

The Southern Forest Products Association (SFPA) does not test lumber or establish design values. Accordingly, neither SFPA, nor its members, warrant that the design values on which the span tables are based are correct, and disclaim responsibility for injury or damage resulting from the use of such span tables.