

REPORT DESCRIPTION: Market Research Report, Average Home Purchase Data and Forecast, Market Share, Market Size, Sales, Market Demand Data, Residential Building Products, New Homes, Construction Industry, Trends, Single Family Homes, Multifamily.

REPORT CONTENTS: Data on Structural Floors and Structural Flooring Systems such as Square Feet of Floor and Structural Floor Material used like Cast-in-place Concrete, Precast Concrete, Steel, Lumber Joists, Wood I-Joists, Open Web Wood Truss, Structural Insulated Panels (SIPs), and Species of Lumber Joists like Southern Yellow Pine (SYP), Douglas Fir or Hem Fir, or Spruce/Pine/Fir (SPF) or Eastern Spruce, and Depth and Spacing of Joists.

### STRUCTURAL SYSTEMS for FLOORS MARKET DEMAND DATA - NEW RESIDENTIAL CONSTRUCTION

BUILDER PRACTICES REPORTS NAHB Research Center, Inc.	SINGLE FAMILY DETACHED	MULTIFAMILY DWELLINGS	PRODUCT USAGE
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UNITED STATES

HOUSING STARTS  
Single-Family Detached  
Multifamily (SFA & MF)  
TOTAL

#### STRUCTURAL SYSTEMS - FLOOR

STRUCTURAL FLOOR MATERIAL - GROUND FLOOR  
Square Feet of Floor  
Cast-in-place concrete  
Precast concrete  
Steel (all types)  
Lumber joists  
Wood I-joists  
Open web wood truss  
Structural insulated panels  
Other wood  
TOTAL

STRUCTURAL FLOOR MATERIAL - UPPER FLOORS  
Square Feet of Floor  
Cast-in-place concrete  
Precast concrete  
Steel (all types)  
Lumber joists  
Wood I-joists  
Open web wood truss  
Structural insulated panels  
Other wood  
TOTAL

Per-house averages of materials usage, also known as coefficients, for single-family detached homes.

Per-dwelling-unit averages of materials usage, also known as coefficients, for multifamily dwellings such as apartments, duplexes, townhouses and row houses.

An estimate of the total volume or amount of material used in a geographic area. To calculate this data, the Single Family Detached and Multifamily coefficients are multiplied by the estimated housing starts data provided by McGraw Hill Construction Analytics.

SAMPLE DATA SHEET

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## STRUCTURAL SYSTEMS for FLOORS MARKET DEMAND DATA - NEW RESIDENTIAL CONSTRUCTION

<b>BUILDER PRACTICES REPORTS</b> NAHB Research Center, Inc.	<b>SINGLE FAMILY DETACHED</b>	<b>MULTIFAMILY DWELLINGS</b>	<b>PRODUCT USAGE</b>
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**STRUCTURAL FLOOR MATERIAL - ALL FLOORS**

- Square Feet of Floor
- Cast-in-place concrete
- Precast concrete
- Steel (all types)
- Lumber joists
- Wood I-joists
- Open web wood truss
- Structural insulated panels
- Other wood

TOTAL

**SPECIES OF LUMBER JOISTS**

- Square Feet of 1st & 2nd Story Area
- Southern yellow pine (SYP)
- Douglas fir or hem fir
- Spruce / Pine / Fir (SPF) or eastern spruce
- Treated Lumber
- Other

TOTAL

**DEPTH OF LUMBER JOISTS**

- Square Feet of 1st & 2nd Story Area
- 8 inches
- 10 inches
- 12 inches

TOTAL

**SPACING OF LUMBER JOISTS**

- Square Feet of 1st & 2nd Story Area
- 12 inches o.c.
- 16 inches o.c.
- 19.2 inches o.c.
- 24 inches o.c.
- 32 inches o.c.
- Other spacing

TOTAL

**DEPTH OF I-JOISTS**

- Square Feet of 1st & 2nd Story Area
- 8 inches
- 10 inches
- 12 inches
- 14 inches or greater

TOTAL

Per-house averages of materials usage, also known as coefficients, for single-family detached homes.

Per-dwelling-unit averages of materials usage, also known as coefficients, for multifamily dwellings such as apartments, duplexes, townhouses and row houses.

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## STRUCTURAL SYSTEMS for FLOORS MARKET DEMAND DATA - NEW RESIDENTIAL CONSTRUCTION

**BUILDER PRACTICES REPORTS**  
NAHB Research Center, Inc.

**SINGLE FAMILY DETACHED**

**MULTIFAMILY DWELLINGS**

**PRODUCT USAGE**

### SPACING OF I-JOISTS

Square Feet of 1st & 2nd Story Area

- 12 inches o.c.
- 16 inches o.c.
- 19.2 inches o.c.
- 24 inches o.c.
- 32 inches o.c.
- Other spacing

TOTAL

Per-house averages of materials usage, also known as coefficients, for single-family detached homes.

Per-dwelling-unit averages of materials usage, also known as coefficients, for multifamily dwellings such as apartments, duplexes, townhouses and row houses.

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### DEPTH OF OPEN-WEB JOISTS

Square Feet of 1st & 2nd Story Area

- 8 inches
- 10 inches
- 12 inches
- 14 inches or greater

TOTAL

### SPACING OF OPEN-WEB JOISTS

Square Feet of 1st & 2nd Story Area

- 12 inches o.c.
- 16 inches o.c.
- 19.2 inches o.c.
- 24 inches o.c.
- 32 inches o.c.
- Other spacing

TOTAL

**SAMPLE DATA SHEET**

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