

National Roofing Contractors Association

2015-2016 NRCA Market Survey

National Roofing Contractors Association
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Introduction

Every year, NRCA conducts a market survey to compile and examine important roofing industry data and trends from member roofing contractors throughout the U.S. The 2015-2016 NRCA Market Survey gives contractors an opportunity to provide feedback about the percentage of low- and steep-slope work performed for new construction, reroofing, and repair and maintenance during the year and includes the latest information about overall sales volume trends, roofing experiences, material usage and regional breakdowns.

Whether contractors want to evaluate their businesses and current services or consider large capital investments, the survey data allow roofing contractors to compare their materials usage with contractors in other regions, which can affect future business decisions. By analyzing the survey, contractors will be able to notice trends in the industry, including which roof systems are being installed more frequently. NRCA's market survey also provides manufacturers and distributors with data to analyze, and these figures can be compared with those of previous years and future projections.

Background

To gather data for the market survey, NRCA mailed survey questionnaires to 2,300 NRCA member roofing contractors to obtain data and compare experiences during 2015 and expectations for 2016. NRCA received 155 responses for a response rate of 6.7percent, which is slightly below that of previous years' surveys.

Because the same companies do not respond every year, the survey is not a definitive representation of the entire roofing industry and should not be considered a statistically valid analysis of the entire U.S. roofing industry but only a summary of feedback from member roofing contractors.

However, one can assume a high degree of confidence in the results because of the response patterns and diversity of the survey respondents. Survey respondents varied in company size and volume, and representative samples were collected from 10 U.S. regions and Puerto Rico, including:

New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont

Mid-Atlantic: New Jersey, New York and Pennsylvania

South Atlantic: Delaware, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, Washington, D.C., and West Virginia

East North Central: Illinois, Indiana, Michigan, Ohio and Wisconsin

East South Central: Alabama, Kentucky, Mississippi and Tennessee

West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota and South Dakota

West South Central: Arkansas, Louisiana, Oklahoma and Texas

Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah and Wyoming

Pacific: California, Oregon and Washington

Alaska, Hawaii and Puerto Rico

Market Sales and Forecasts

This year's survey reports that the respondents' sales volumes for 2015 actuals and 2016 projections averaged \$8,068,007 and \$8,953,791, respectively, compared with what was reported in NRCA's 2014-15 survey, which was \$7,154,953 and \$8,154,334, respectively.

And once again, the survey revealed a near-steady ratio of low- to-steep-slope sales: 74 percent to 26 percent, respectively, as shown in Figure 1. (For survey purposes, low-slope roofing refers to roof slopes of 3:12 or less.)

The sales breakdown for low-slope new construction, reroofing, and repair and maintenance work were consistent for 2015 and 2016 projections. On average, respondents reported 21 percent of their low-slope roofing work included new construction projects, 64 percent reroofing jobs, and 15 percent was devoted to repair and maintenance work as shown in Figure 2.

For steep-slope roofing work, new construction made up 19 percent; 63 percent was reroofing; and 18 percent involved repair and maintenance work as how in Figure 3. For 2016, survey respondents indicated new construction work would account for 21 percent; reroofing will be 64 percent; and 15 percent will include repair and maintenance work.

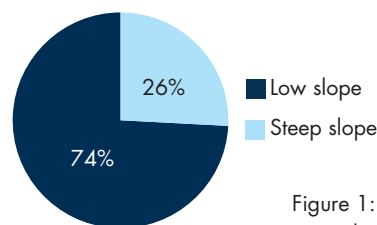


Figure 1: Ratio of low- and steep-slope sales for 2015

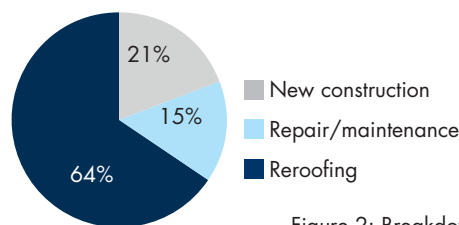


Figure 2: Breakdown of low-slope work for 2015

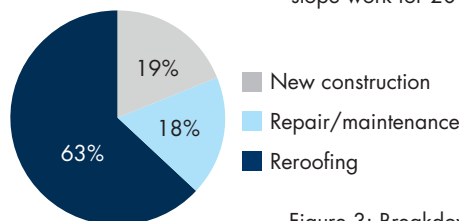


Figure 3: Breakdown of steep-slope work for 2015

Low- and Steep-slope Materials Usage

For low-slope roofing work, the survey results show TPO as the market leader for new construction and reroofing, garnering a 40 percent share of the new construction market and 30 percent of the reroofing market for 2015 with similar numbers projected for 2016. EPDM followed capturing 22 percent of the market share for new construction and 26 percent of the reroofing market in 2015. PVC systems also continued to gain ground. Low-slope market share for built-up roof (BUR) systems continued to decline to less than 12 percent of the market, compared with 15 years ago when BUR systems accounted for almost 20 percent of the market.

For steep-slope roofing work, asphalt shingles continued to dominate the market with a 47 percent market share for new construction and 59 percent share for reroofing in 2015 with identical numbers projected for 2016. Architectural metal followed with a 37 percent market share for new construction work during 2015 and a 23 percent share for reroofing with comparable numbers projected for 2016.

2015 and projected 2016 low-slope roofing sales by roof system type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
BUR — asphalt (hot-applied)	4.2%	7%	4%	8%
BUR — coal tar (hot-applied)	0%	0%	0%	0%
BUR — cold process	2%	2%	1%	1%
EPDM	22%	26%	23%	25%
PVC	12%	11%	11%	11%
TPO	40%	30%	40%	31%
Spray polyurethane foam	2%	5%	3%	5%
Metal panel — structural	1%	1%	1%	1%
Metal panel — architectural	3.4%	2%	3%	2%
APP polymer-modified bitumen	3.2%	3%	3%	3%
SBS polymer-modified bitumen	7.2%	9%	7%	9%
Self-adhering polymer-modified bitumen	2%	2%	2%	2%
Liquid-applied	1%	2%	1%	2%
Vegetative	0%	0%	1%	0%

2015 and projected 2016 steep-slope roofing sales by roof system type				
Roof system type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Asphalt shingles	47%	59%	47%	59%
Clay tile	4.3%	4.5%	3%	4.4%
Concrete tile	3%	2.3%	4%	2.3%
Wood shakes and shingles	2.1%	2%	2%	2%
Slate	3.3%	5%	4%	5.1%
Metal panel — architectural	37.1%	23.2%	36%	23.2%
Metal shingles	0%	0%	1%	1%
Spray polyurethane foam	2.2%	3%	2%	2%
Fiber-cement/synthetic	1%	1%	1%	1%
Vegetative	0%	0%	0%	0%

Insulation, Roof Deck and Roof Cover Board Installation

For insulation materials, polyisocyanurate insulation still leads this sector in market share with 80 percent of new construction and 73 percent of reroofing work; it has grown 18 percent since 2000. Expanded polystyrene is a distant second capturing 5 percent and 7 percent of the new construction and reroofing markets, respectively.

Steel decks continued to dominate the new construction and reroofing markets with 66.5 percent and 56 percent, respectively—basically unchanged during the past 10 years. They are predicted to hold on to more than two-thirds of the market share for 2016.

Roof cover board installation for 2015 was reported with 22 percent in new construction, 42 percent for reroofing tear-off and 36 percent for reroofing re-cover. The projected percentages for 2016 are consistent with 2015.

2015 and projected 2016 low-slope insulation installation by material type				
Insulation type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Expanded polystyrene (EPS)	5%	7%	4.4%	7%
Extruded polystyrene (XPS)	3%	3%	3%	3%
Cellular Glass	0%	0%	0%	0%
Gypsum (faced or fiber reinforced)	6%	7.3%	6%	7%
Mineral fiber	0%	0%	0%	0%
Perlite	1%	2.2%	1.3%	2%
Polyisocyanurate	80%	73.3%	80.3%	74%
Composite	1%	0%	1%	0%
Wood fiberboard	4%	7.2%	4%	7%

2015 and projected 2016 roof deck installation by material type				
Roof deck type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Cementitious wood-fiber deck panels	3.2%	3%	3.2%	2%
Lightweight insulating concrete and fills	7.6%	5%	7.6%	5%
Gypsum (poured or precast)	0.3%	2%	0.3%	2%
Precast gypsum panel	0.2%	1%	0.2%	1%
Steel	66.5%	56%	66.5%	56%
Structural concrete (cast-in-place, post-tensioned and precast/prestressed)	5%	6%	5%	6%
Thermal-setting insulation fills	0.2%	0%	0.2%	0%
Wood panels	11%	14%	11%	14%
Wood planks and wood boards	6%	13%	6%	14%

2015 and projected 2016 roof cover board installation					
2015			2016 (projected)		
New construction	Reroofing Tear-off	Reroofing Re-cover	New construction	Reroofing Tear-off	Reroofing Re-cover
22%	42%	36%	22%	42%	36%

Rooftop Photovoltaic (PV) System Installation

For photovoltaic (PV) system installation on low-slope rooftops, rack-mounted PV systems held a majority of the market with 75 percent in new construction and 89 percent in reroofing, while building-integrated PV systems represent 26 percent in new construction and 11 percent in reroofing. For steep-slope rooftop PV system installation, rack-mounted PV systems accounted for 99 percent of the new construction market and 97 percent for reroofing, which is up significantly from two years ago.

2015 and projected 2016 low-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	75%	89%	76%	90.7%
Building-integrated PV system	25%	11%	24%	9.3%

2015 and projected 2016 steep-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	99%	97%	99%	97%
Building-integrated PV system	1%	3%	1%	3%

Regional Sales Volumes

Although the data presented in the market survey represent average market sales, regional variations exist.

Regional sales volumes			
Region	2015 reported average of annual sales volume (in millions of dollars)	2016 projected average of annual sales volume (in millions of dollars)	2016 percentage of projected increase in sales volume
New England	\$6.92	\$7.55	9.1%
Mid-Atlantic	\$6.89	\$7.24	5%
South Atlantic	\$8.39	\$9.08	8.2%
East North Central	\$5.85	\$6.01	2.7%
East South Central	\$4.41	\$4.23	-4%
West North Central	\$5.39	\$5.43	1%
West South Central	\$11.83	\$13.56	14.6%
Mountain	\$12.85	\$13.06	16.3%
Pacific	\$6.77	\$7.48	10.4%
Alaska, Hawaii and Puerto Rico	\$19.50	\$21.50	10%
All Regions	\$7.15	\$8.15	13.9%

Regional Data—New England

Percentages of low-slope roofing work by roof system type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
BUR—asphalt (hot-applied)	0%	0%	0%	0 %
BUR—coal tar (hot-applied)	0%	0%	0%	0%
BUR—cold process	0%	0%	0%	0%
EPDM	33%	54%	40%	45%
PVC	56%	3%	16%	8%
TPO	6%	16%	38%	15%
Spray polyurethane foam	0%	0%	0%	0%
Metal panel—structural	0%	0%	0%	0%
Metal panel—architectural	0%	0.5%	0%	2.5%
APP polymer-modified bitumen*	0%	0%	0%	0%
SBS polymer-modified bitumen*	5%	2.5%	6%	5%
Self-adhering polymer-modified bitumen	0%	0%	0%	0%
Liquid-applied	0%	24%	0%	24.5%
Vegetative	0%	0%	0%	0%

*Note: To accurately interpret these figures, built-up membranes using polymer-modified bitumen cap sheets at the topmost surface are considered polymer-modified bitumen roof systems.

Percentages of low-slope insulation installation by material type				
Insulation type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Expanded polystyrene (EPS)	0%	1%	0%	1%
Extruded polystyrene (XPS)	0%	0%	0%	0%
Cellular glass	0%	0%	0%	0%
Gypsum (faced or fiber reinforced)	7%	5%	7%	5%
Mineral fiber	0%	0%	0%	0%
Perlite	0%	0%	0%	0%
Polyisocyanurate	93%	94%	93%	94%
Composite	0%	0%	0%	0%
Wood fiberboard	0%	0%	0%	0%

Regional Data—New England

Percentages of steep-slope roofing work by roof system type				
Roof system type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Asphalt shingles	72.5%	88.4%	72.5%	88.4%
Clay tile	0%	0%	0%	0%
Concrete tile	0%	0%	0%	0%
Wood shakes and shingles	22.5%	3.3%	22.5%	3.3%
Slate	0%	0%	0%	0%
Metal panel—architectural	5%	8.3%	5%	8.3%
Metal shingles	0%	0%	0%	0%
Spray polyurethane foam	0%	0%	0%	0%
Fiber-cement/synthetic	0%	0%	0%	0%
Vegetative	0%	0%	0%	0%

Percentages of roof deck installation by material type				
Roof deck type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Cementitious wood-fiber deck panels	0%	0.5%	0%	0.5%
Lightweight insulating concrete and fills	0%	0%	0%	0%
Gypsum (poured or precast)	0%	7.5%	0%	10%
Precast gypsum panel	0%	0%	0%	0%
Steel	95%	83%	94%	78%
Structural concrete (cast-in-place, post-tensioned and precast/prestressed)	0%	2.5%	0%	2.5%
Thermal-setting insulation fills	0%	0%	0%	0%
Wood panels	0%	2.5%	1%	5%
Wood planks and wood boards	5%	4%	5%	4%

2015 and projected 2016 roof cover board installation					
2015			2016 (projected)		
New construction	Reroofing Tear-off	Reroofing Re-cover	New construction	Reroofing Tear-off	Reroofing Re-cover
22.5%	27.5%	50%	22.5%	27.5%	50%

2015 and projected 2016 low-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	100%	100%	100%	100%
Building-integrated PV system	0%	0%	0%	0%

2015 and projected 2016 steep-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	100%	100%	100%	100%
Building-integrated PV system	0%	0%	0%	0%

Regional Data—Mid-Atlantic

Percentages of low-slope roofing work by roof system type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
BUR—asphalt (hot-applied)	0%	3%	0%	3%
BUR—coal tar (hot-applied)	0%	0%	0%	0%
BUR—cold process	1%	1%	1%	1.5%
EPDM	45%	35%	40%	34%
PVC	12%	15%	12%	12.5%
TPO	28%	20%	31%	20%
Spray polyurethane foam	0%	10%	0%	10%
Metal panel—structural	2%	1%	2%	3%
Metal panel—architectural	3%	4%	4%	4%
APP polymer-modified bitumen*	3%	3%	3%	3%
SBS polymer-modified bitumen*	3%	4%	4%	5%
Self-adhering polymer-modified bitumen	1%	1%	1%	1%
Liquid-applied	1%	2%	1%	2%
Vegetative	1%	1%	1%	1%

*Note: To accurately interpret these figures, built-up membranes using polymer-modified bitumen cap sheets at the topmost surface are considered polymer-modified bitumen roof systems.

Percentages of low-slope insulation installation by material type				
Insulation type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Expanded polystyrene (EPS)	1%	1%	1%	1%
Extruded polystyrene (XPS)	0%	1%	0%	1%
Cellular glass	0%	0%	0%	0%
Gypsum (faced or fiber reinforced)	16%	15%	16%	15%
Mineral fiber	0%	0%	0%	0%
Perlite	0%	0%	2%	2%
Polyisocyanurate	81%	78%	79%	76%
Composite	1%	1%	1%	1%
Wood fiberboard	1%	4%	1%	4%

Regional Data—Mid-Atlantic

Percentages of steep-slope roofing work by roof system type				
Roof system type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Asphalt shingles	43%	38%	40%	42%
Clay tile	1%	2%	1%	1%
Concrete tile	0%	0%	0%	0%
Wood shakes and shingles	3%	5%	3%	5%
Slate	13%	23%	13%	26%
Metal panel—architectural	39%	20%	29%	20%
Metal shingles	0%	0%	4%	4%
Spray polyurethane foam	0%	9%	9%	0%
Fiber-cement/synthetic	1%	3%	1%	2%
Vegetative	0%	0%	0%	0%

Percentages of roof deck installation by material type				
Roof deck type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Cementitious wood-fiber deck panels	11%	0%	11%	0%
Lightweight insulating concrete and fills	0%	1%	0%	1%
Gypsum (poured or precast)	0%	1%	0%	1%
Precast gypsum panel	1%	2%	1%	2%
Steel	64%	70%	64%	67%
Structural concrete (cast-in-place, post-tensioned and precast/prestressed)	2%	3%	1%	3%
Thermal-setting insulation fills	0%	0%	0%	0%
Wood panels	7%	7%	7%	7%
Wood planks and wood boards	15%	16%	16%	19%

2015 and projected 2016 roof cover board installation					
2015			2016 (projected)		
New construction	Reroofing Tear-off	Reroofing Re-cover	New construction	Reroofing Tear-off	Reroofing Re-cover
37%	50%	13%	25%	60%	15%

2015 and projected 2016 low-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	100%	100%	100%	100%
Building-integrated PV system	0%	0%	0%	0%

2015 and projected 2016 steep-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	0%	70%	0%	70%
Building-integrated PV system	0%	30%	0%	30%

Regional Data—South Atlantic

Percentages of low-slope roofing work by roof system type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
BUR—asphalt (hot-applied)	5%	8%	4%	7%
BUR—coal tar (hot-applied)	0%	1%	0%	1%
BUR—cold process	0%	1%	1%	1%
EPDM	12%	21%	13%	21%
PVC	4%	8%	3%	7%
TPO	54%	40%	54%	41%
Spray polyurethane foam	0%	0%	0%	0%
Metal panel—structural	1%	1%	1%	1%
Metal panel—architectural	4%	2%	4%	3%
APP polymer-modified bitumen*	3%	2%	1%	2%
SBS polymer-modified bitumen*	9%	9%	9%	9%
Self-adhering polymer-modified bitumen	5%	4%	5%	4%
Liquid-applied	1%	3%	3%	3%
Vegetative	2%	0%	2%	0%

*Note: To accurately interpret these figures, built-up membranes using polymer-modified bitumen cap sheets at the topmost surface are considered polymer-modified bitumen roof systems.

Percentages of low-slope insulation installation by material type				
Insulation type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Expanded polystyrene (EPS)	4%	6%	4%	6%
Extruded polystyrene (XPS)	4%	5%	3%	4%
Cellular glass	0%	0%	0%	0%
Gypsum (faced or fiber reinforced)	5%	4%	6%	4%
Mineral fiber	0%	0%	1%	1%
Perlite	2%	3%	2%	3%
Polyisocyanurate	77%	74%	77%	75%
Composite	3%	1%	3%	1%
Wood fiberboard	5%	7%	4%	6%

Regional Data—South Atlantic

Percentages of steep-slope roofing work by roof system type				
Roof system type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Asphalt shingles	47%	62%	50.5%	61%
Clay tile	5%	5%	2 %	4%
Concrete tile	6%	3.5%	6%	3.5%
Wood shakes and shingles	1%	1%	1%	1%
Slate	4.5%	6.5%	2.5%	6.5%
Metal panel — architectural	36%	22%	37%	22%
Metal shingles	0%	0%	0%	0%
Spray polyurethane foam	0%	0%	0%	0%
Fiber-cement/synthetic	0.5%	0%	1%	2%
Vegetative	0%	0%	0%	0%

Percentages of roof deck installation by material type				
Roof deck type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Cementitious wood-fiber deck panels	5.5%	6%	5.5%	6%
Lightweight insulating concrete and fills	18%	8%	16%	7%
Gypsum (poured or recast)	1%	3%	1%	3%
Precast gypsum panel	0%	1%	0%	1%
Steel	57%	44%	59%	43%
Structural concrete (cast-in-place, post-tensioned and precast/prestressed)	6%	10%	7%	12%
Thermal-setting insulation fills	0%	0%	0%	0%
Wood panels	8.5%	18%	8.5%	18%
Wood planks and wood boards	4%	10%	3%	10%

2015 and projected 2016 roof cover board installation					
2015			2016 (projected)		
New construction	Reroofing Tear-off	Reroofing Re-cover	New construction	Reroofing Tear-off	Reroofing Re-cover
19%	36%	45%	19%	37%	44%

2015 and projected 2016 low-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	100%	100%	100%	100%
Building-integrated PV system	0%	0%	0%	0%

2015 and projected 2016 steep-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	100%	100%	100%	100%
Building-integrated PV system	0%	0%	0%	0%

Regional Data—East North Central

Percentages of low-slope roofing work by roof system type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
BUR—asphalt (hot-applied)	1.5%	3.5%	2%	4.2%
BUR—coal tar (hot-applied)	0%	0%	0%	0%
BUR—cold process	6%	5%	2%	2%
EPDM	26%	28.3%	27%	28%
PVC	12.2%	6.4%	8%	7%
TPO	43%	29%	44%	29%
Spray polyurethane foam	0%	7.1%	6.5%	7.2%
Metal panel—structural	1%	1%	1%	1%
Metal panel—architectural	1%	1%	0%	1%
APP polymer-modified bitumen*	3%	4%	3%	4%
SBS polymer-modified bitumen*	5.3%	11%	5%	12%
Self-adhering polymer-modified bitumen	0.2%	1.2%	0%	1.3%
Liquid-applied	0.2%	2.3%	0.3%	2.3%
Vegetative	0.6%	0.2%	1.2%	1%

*Note: To accurately interpret these figures, built-up membranes using polymer-modified bitumen cap sheets at the topmost surface are considered polymer-modified bitumen roof systems.

Percentages of low-slope insulation installation by material type				
Insulation type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Expanded polystyrene (EPS)	7%	7%	6%	6%
Extruded polystyrene (XPS)	0%	0%	0%	0%
Cellular glass	0%	0%	0%	0%
Gypsum (faced or fiber reinforced)	2%	4.5%	2%	5%
Mineral fiber	1%	0.5%	1%	0.5%
Perlite	1%	2%	1%	2%
Polyisocyanurate	86%	74%	86%	74%
Composite	0%	0%	0%	0%
Wood fiberboard	3%	12%	4%	12.5%

Regional Data—East North Central

Percentages of steep-slope roofing work by roof system type				
Roof system type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Asphalt shingles	66%	67%	64%	63.3%
Clay tile	3%	4%	2.5%	5.4%
Concrete tile	0%	0%	0%	0%
Wood shakes and shingles	0.5%	2%	0.5%	1.5%
Slate	1%	3.5%	1%	1.3%
Metal panel—architectural	29.5%	17.5%	32%	22.5%
Metal shingles	0%	0%	0%	0%
Spray polyurethane foam	0%	3%	0%	3%
Fiber-cement/synthetic	0%	3%	0%	3%
Vegetative	0%	0%	0%	0%

Percentages of roof deck installation by material type				
Roof deck type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Cementitious wood-fiber deck panels	2.5%	6.2%	2.5%	3%
Lightweight insulating concrete and fills	0%	0.3%	0%	1%
Gypsum (poured or precast)	0.5%	2%	0.5%	2%
Precast gypsum panel	0%	0.5%	0%	1%
Steel	90%	72%	90%	72%
Structural concrete (cast-in-place, post-tensioned and precast/prestressed)	5%	2%	5%	3%
Thermal-setting insulation fills	0%	0%	0%	0%
Wood panels	1%	6%	1%	6%
Wood planks and wood boards	1%	11%	1%	12%

2015 and projected 2016 roof cover board installation					
2015			2016 (projected)		
New construction	Reroofing Tear-off	Reroofing Re-cover	New construction	Reroofing Tear-off	Reroofing Re-cover
15%	46%	39%	19%	41%	40%

2015 and projected 2016 low-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	70%	80%	75%	83%
Building-integrated PV system	30%	20%	25%	17%

2015 and projected 2016 steep-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	97.5%	98%	97.5%	98%
Building-integrated PV system	2.5%	2%	2.5%	2%

Regional Data—East South Central

Percentages of low-slope roofing work by roof system type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
BUR — asphalt (hot-applied)	2.1%	9%	2%	9%
BUR — coal tar (hot-applied)	0%	0%	0%	0%
BUR — cold process	0%	0%	0%	0%
EPDM	9%	14%	3%	10%
PVC	36.3%	42%	32%	46%
TPO	33%	29%	42%	30%
Spray polyurethane foam	0%	0%	0%	0%
Metal panel — structural	1%	0%	1%	1%
Metal panel — architectural	18%	5%	18%	2%
APP polymer-modified bitumen*	0%	0%	0%	0%
SBS polymer-modified bitumen*	0.2%	0%	1%	1%
Self-adhering polymer-modified bitumen	0%	0%	0%	0%
Liquid-applied	0.4%	1%	1%	1%
Vegetative	0%	0%	0%	0%

*Note: To accurately interpret these figures, built-up membranes using polymer-modified bitumen cap sheets at the topmost surface are considered polymer-modified bitumen roof systems.

Percentages of low-slope insulation installation by material type				
Insulation type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Expanded polystyrene (EPS)	3%	17%	2%	17%
Extruded polystyrene (XPS)	0%	0%	0%	0%
Cellular glass	0%	0%	0%	0%
Gypsum (faced or fiber reinforced)	0%	0%	0%	0%
Mineral fiber	0%	0%	0%	0%
Perlite	0%	0%	0%	0%
Polyisocyanurate	97%	83%	97%	82%
Composite	0%	0%	1%	1%
Wood fiberboard	0%	0%	0%	0%

Regional Data—East South Central

Percentages of steep-slope roofing work by roof system type				
Roof system type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Asphalt shingles	65%	60%	63.5%	53%
Clay tile	0%	0%	0%	0%
Concrete tile	0%	0%	0%	0%
Wood shakes and shingles	0%	0%	0%	0%
Slate	0%	0%	0%	0%
Metal panel—architectural	35%	40%	35%	45%
Metal shingles	0%	0%	1.5%	2%
Spray polyurethane foam	0%	0%	0%	0%
Fiber-cement/synthetic	0%	0%	0%	0%
Vegetative	0%	0%	0%	0%

Percentages of roof deck installation by material type				
Roof deck type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Cementitious wood-fiber deck panels	0%	0%	0%	0%
Lightweight insulating concrete and fills	20%	20%	20%	20%
Gypsum (poured or precast)	0%	0%	0%	0%
Precast gypsum panel	0%	5%	0%	4%
Steel	39%	47%	36%	45%
Structural concrete (cast-in-place, post-tensioned and precast/prestressed)	0%	5%	0%	6%
Thermal-setting insulation fills	0%	0%	0%	0%
Wood panels	18%	18%	19%	18%
Wood planks and wood boards	23%	5%	25%	7%

2015 and projected 2016 roof cover board installation					
2015			2016 (projected)		
New construction	Reroofing Tear-off	Reroofing Re-cover	New construction	Reroofing Tear-off	Reroofing Re-cover
13%	43.8%	43.2%	17%	38.8%	44.2%

2015 and projected 2016 low-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	0%	0%	0%	0%
Building-integrated PV system	0%	0%	0%	0%

2015 and projected 2016 steep-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	0%	0%	0%	0%
Building-integrated PV system	0%	0%	0%	0%

Regional Data—West North Central

Percentages of low-slope roofing work by roof system type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
BUR—asphalt (hot-applied)	6.1%	7.2%	7%	10%
BUR—coal tar (hot-applied)	0%	0%	0%	0%
BUR—cold process	0%	2%	0%	2%
EPDM	31.1%	45.2%	36%	42.4%
PVC	6%	8%	8.5%	8%
TPO	43%	25.4%	35%	23.4%
Spray polyurethane foam	0%	0%	0%	0%
Metal panel—structural	0%	0%	0%	0%
Metal panel—architectural	4%	2%	4%	2%
APP polymer-modified bitumen*	2.5%	3.2%	2.5%	3.2%
SBS polymer-modified bitumen*	6%	6%	5%	7%
Self-adhering polymer-modified bitumen	1%	0%	0%	0%
Liquid-applied	0.3%	1%	1%	2%
Vegetative	0%	0%	1%	0%

*Note: To accurately interpret these figures, built-up membranes using polymer-modified bitumen cap sheets at the topmost surface are considered polymer-modified bitumen roof systems.

Percentages of low-slope insulation installation by material type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Expanded polystyrene (EPS)	6.5%	9%	6.5%	9%
Extruded polystyrene (XPS)	2%	1.5%	1%	1%
Cellular glass	0%	0%	0%	0%
Gypsum (faced or fiber reinforced)	5%	8%	5%	8%
Mineral fiber	0%	0%	0%	0%
Perlite	2%	2%	2%	2%
Polyisocyanurate	81%	74%	82.5%	74%
Composite	0%	0%	0%	0%
Wood fiberboard	3.5%	5.5%	3%	6%

Regional Data—West North Central

Percentages of steep-slope roofing work by roof system type				
Roof system type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Asphalt shingles	10%	48%	21%	53%
Clay tile	0%	1%	0%	1%
Concrete tile	0%	0%	0%	0%
Wood shakes and shingles	1%	4%	0%	2%
Slate	0%	1%	0%	1%
Metal panel—architectural	89%	41%	79%	38%
Metal shingles	0%	2%	0%	2%
Spray polyurethane foam	0%	0%	0%	0%
Fiber-cement/synthetic	0%	3%	0%	3%
Vegetative	0%	0%	0%	0%

Percentages of roof deck installation by material type				
Roof deck type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Cementitious wood-fiber deck panels	0%	1%	0%	1%
Lightweight insulating concrete and fills	2%	2%	2%	1%
Gypsum (poured and precast)	0%	1%	0%	0.5%
Precast gypsum panel	0%	0%	0%	0.5%
Steel	85%	68%	82%	72%
Structural concrete (cast-in-place, post-tensioned and precast/prestressed)	9%	12%	12%	10%
Thermal-setting insulation fills	0%	0%	0%	0%
Wood panels	2%	5%	2%	5%
Wood planks and wood boards	2%	11%	2%	10%

2015 and projected 2016 roof cover board installation					
2015			2016 (projected)		
New construction	Reroofing Tear-off	Reroofing Re-cover	New construction	Reroofing Tear-off	Reroofing Re-cover
23%	46%	31%	26%	42%	32%

2015 and projected 2016 low-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	0%	100%	0%	100%
Building-integrated PV system	100%	0%	100%	0%

2015 and projected 2016 steep-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	100%	100%	100%	100%
Building-integrated PV system	0%	0%	0%	0%

Regional Data—West South Central

Percentages of low-slope roofing work by roof system type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
BUR — asphalt (hot-applied)	10%	19.4%	7.1%	19.5%
BUR — coal tar (hot-applied)	0%	0%	0%	0%
BUR — cold process	0%	0.3%	0%	0.3%
EPDM	2%	0.2%	2%	0.2%
PVC	7.4%	7.2%	7.4%	7%
TPO	34%	43%	38%	45%
Spray polyurethane foam	0%	0.5%	0%	0.5%
Metal panel — structural	2.2%	1.5%	0%	0.2%
Metal panel — architectural	3.4%	2%	2%	0.3%
APP polymer-modified bitumen*	11%	9.5%	17%	10%
SBS polymer-modified bitumen*	29%	15.4%	25.5%	16%
Self-adhering polymer-modified bitumen	0%	0%	0%	0%
Liquid-applied	1%	1%	1%	1%
Vegetative	0%	0%	0%	0%

*Note: To accurately interpret these figures, built-up membranes using polymer-modified bitumen cap sheets at the topmost surface are considered polymer-modified bitumen roof systems.

Percentages of low-slope insulation installation by material type				
Insulation type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Expanded polystyrene (EPS)	0%	4%	0%	3%
Extruded polystyrene (XPS)	0%	1%	4%	2%
Cellular glass	0%	0%	0%	0%
Gypsum (faced or fiber reinforced)	6%	4.5%	6%	5.5%
Mineral fiber	0%	0%	0%	0%
Perlite	0%	7%	0%	7.5%
Polyisocyanurate	83%	78%	83%	77%
Composite	0%	0%	0%	0%
Wood fiberboard	11%	5.5%	7%	5%

Regional Data—West South Central

Percentages of steep-slope roofing work by roof system type				
Roof system type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Asphalt shingles	26.5%		63.3%	22% 68.3%
Clay tile	10.5%	5%	3%	6%
Concrete tile	10%	1.5%	10%	1.5%
Wood shakes and shingles	0%	1.2%	0%	1.2%
Slate	0%	1%	0%	1%
Metal panel—architectural	51%	27%	63%	21%
Metal shingles	2%	1%	2%	1%
Spray polyurethane foam	0%	0%	0%	0%
Fiber-cement/synthetic	0%	0%	0%	0%
Vegetative	0%	0%	0%	0%

Percentages of roof deck installation by material type				
Roof deck type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Cementitious wood-fiber deck panels	0%	0%	0%	0%
Lightweight insulating concrete and fills	5%	10%	12%	10%
Gypsum (poured or precast)	0%	5.5%	0%	2%
Precast gypsum panel	0%	0%	0%	0%
Steel	85%	80%	80%	80%
Structural concrete (cast-in-place, post-tensioned and precast/prestressed)	10%	4.5%	8%	8%
Thermal-setting insulation fills	0%	0%	0%	0%
Wood panels	0%	0%	0%	0%
Wood planks and wood boards	0%	0%	0%	0%

2015 and projected 2016 roof cover board installation					
2015			2016 (projected)		
New construction	Reroofing Tear-off	Reroofing Re-cover	New construction	Reroofing Tear-off	Reroofing Re-cover
19.4%	46.6%	34%	18.5%	48%	33.5%

2015 and projected 2016 low-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	0%	0%	0%	0%
Building-integrated PV system	0%	0%	0%	0%

2015 and projected 2016 steep-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	0%	0%	0%	0%
Building-integrated PV system	0%	0%	0%	0%

Regional Data—Mountain

Percentages of low-slope roofing work by roof system type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
BUR—asphalt (hot-applied)	3.7%	2.7%	3.1%	3.2%
BUR—coal tar (hot-applied)	0%	0%	0%	0%
BUR—cold process	7%	3.6%	1.2%	3.2%
EPDM	23%	27%	25%	23%
PVC	12.5%	12.3%	12.1%	13%
TPO	31.2%	25.1%	31.2%	25.4%
Spray polyurethane foam	8.1%	15.4%	14%	14.3%
Metal panel—structural	1%	0%	1%	0%
Metal panel—architectural	1.2%	1%	3%	2%
APP polymer-modified bitumen*	5%	3%	4%	3%
SBS polymer-modified bitumen*	4.1%	7.2%	2%	8.2%
Self-adhering polymer-modified bitumen	1.2%	2.7%	1.2%	2.7%
Liquid-applied	2%	0%	1.2%	1%
Vegetative	0%	0%	1%	1%

*Note: To accurately interpret these figures, built-up membranes using polymer-modified bitumen cap sheets at the topmost surface are considered polymer-modified bitumen roof systems.

Percentages of low-slope insulation installation by material type				
Insulation type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Expanded polystyrene (EPS)	6.4%	8%	7%	7%
Extruded polystyrene (XPS)	14%	9%	13%	9%
Cellular glass	0%	0%	0%	0%
Gypsum (faced or fiber reinforced)	14.2%	28%	13%	27%
Mineral fiber	0%	0%	0%	0%
Perlite	1.4%	1%	1%	1%
Polyisocyanurate	61%	49%	63%	51%
Composite	0%	0%	0%	0%
Wood fiberboard	3%	5%	3%	5%

Regional Data—Mountain

Percentages of steep-slope roofing work by roof system type				
Roof system type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Asphalt shingles	32.3%	38%	20%	39%
Clay tile	2%	2%	2%	2%
Concrete tile	8%	7%	21%	7%
Wood shakes and shingles	1.5%	2.4%	1.4%	2.2%
Slate	0%	0.5%	11.5%	0.5%
Metal panel—architectural	34%	34%	34%	34%
Metal shingles	0%	0%	0%	0%
Spray polyurethane foam	20.1%	14.1%	8%	13.2%
Fiber cement/synthetic	2.1%	2%	2.1%	2.1%
Vegetative	0%	0%	0%	0%

Percentages of roof deck installation by material type				
Roof deck type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Cementitious wood-fiber deck panels	0%	0%	0%	0%
Lightweight insulating concrete and fills	22%	13.3%	22%	15%
Gypsum (poured or precast)	0%	0.5%	0%	0%
Precast gypsum panel	0%	0%	0%	0%
Steel	43%	33.1%	43%	27.5%
Structural concrete (cast-in-place, post-tensioned and precast/prestressed)	8%	8%	6%	6.2%
Thermal-setting insulation fills	2%	0%	2%	0%
Wood panels	25%	25.1%	27%	30%
Wood planks and wood boards	0%	20%	0%	21.3%

2015 and projected 2016 roof cover board installation					
2015			2016 (projected)		
New construction	Reroofing Tear-off	Reroofing Re-cover	New construction	Reroofing Tear-off	Reroofing Re-cover
34.2%	39.4%	26.4%	35%	39%	26%

2015 and projected 2016 low-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	0%	0%	0%	0%
Building-integrated PV system	0%	0%	0%	0%

2015 and projected 2016 steep-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	0%	0%	0%	0%
Building-integrated PV system	0%	0%	0%	0%

Regional Data—Pacific

Percentages of low-slope roofing work by roof system type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
BUR — asphalt (hot-applied)	10%	11%	10%	11%
BUR — coal tar (hot-applied)	0%	0%	0%	0%
BUR — cold process	0%	0%	0%	0%
EPDM	3.1%	3%	2.5%	3.1%
PVC	19.3%	17.1%	19.3%	16.1%
TPO	35.5%	43.5%	39.1%	45.4%
Spray polyurethane foam	12.1%	10%	12.1%	10%
Metal panel — structural	0%	0%	0%	0%
Metal panel — architectural	1%	1%	1%	1%
APP polymer-modified bitumen*	7%	4.4%	4.0%	4.4%
SBS polymer-modified bitumen*	6%	10%	6%	9%
Self-adhering polymer-modified bitumen	0%	0%	0%	0%
Liquid-applied	6%	0%	6%	0%
Vegetative	0%	0%	0%	0%

*Note: To accurately interpret these figures, built-up membranes using polymer-modified bitumen cap sheets at the topmost surface are considered polymer-modified bitumen roof systems.

Percentages of low-slope insulation installation by material type				
Insulation type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Expanded polystyrene (EPS)	2%	1.4%	2%	1.4%
Extruded polystyrene (XPS)	8.4%	7.1%	8.4%	7.1%
Cellular glass	0%	1%	0%	1%
Gypsum (poured or precast)	5%	0%	5%	0%
Mineral fiber	0%	0%	0%	0%
Perlite	2%	1.4%	2%	1.4%
Polyisocyanurate	69.1%	77%	69.1%	77%
Composite	0%	0%	0%	0%
Wood fiberboard	13.5%	12.1%	13.5%	12.1%

Regional Data—Pacific

Percentages of steep-slope roofing work by roof system type				
Roof system type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Asphalt shingles	75%	70.4%	75%	70%
Clay tile	18%	16.5%	18%	17 %
Concrete tile	3.3%	8%	3.3%	8%
Wood shakes and shingles	1%	1%	1%	1%
Slate	0%	0%	0%	0%
Metal panel — architectural	2.7%	4.1%	2.7%	4%
Metal shingles	0%	0%	0%	0%
Spray polyurethane foam	0%	0%	0%	0%
Fiber-cement/synthetic	0%	0%	0%	0%
Vegetative	0%	0%	0%	0%

Percentages of roof deck installation by material type				
Roof deck type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Cementitious wood-fiber deck panels	0%	0%	0%	0%
Lightweight insulating concrete and fills	0%	0%	0%	0%
Gypsum (poured or precast)	0%	0%	0%	0%
Precast gypsum panel	0%	0%	0%	0%
Steel	18%	7%	18%	7%
Structural concrete (cast-in-place, post-tensioned and precast/prestressed)	0%	0%	0%	0%
Thermal-setting insulation fills	0%	0%	0%	0%
Wood panels	78%	69%	78%	69%
Wood planks and wood boards	4%	24%	4%	24%

2015 and projected 2016 roof cover board installation					
2015			2016 (projected)		
New construction	Reroofing Tear-off	Reroofing Re-cover	New construction	Reroofing Tear-off	Reroofing Re-cover
24%	28%	48%	24%	28%	48%

2015 and projected 2016 low-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	10%	10%	10%	10%
Building-integrated PV system	90%	90%	90%	90%

2015 and projected 2016 steep-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	0%	0%	0%	0%
Building-integrated PV system	0%	0%	0%	0%

Regional Data—Alaska, Hawaii and Puerto Rico

Percentages of low-slope roofing work by roof system type				
Material type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
BUR—asphalt (hot-applied)	5%	5%	5%	5%
BUR—coal tar (hot-applied)	0%	0%	0%	0%
BUR—cold process	0%	0%	0%	0%
EPDM	50%	50%	50%	50%
PVC	5%	0%	5%	0%
TPO	30%	30%	30%	30%
Spray polyurethane foam	0%	0%	0%	0%
Metal panel—structural	10%	10%	10%	10%
Metal panel—architectural	0%	0%	0%	0%
APP polymer-modified bitumen*	0%	0%	0%	0%
SBS polymer-modified bitumen*	0%	0%	0%	0%
Self-adhering polymer-modified bitumen	0%	0%	0%	0%
Liquid-applied	0%	5%	0%	5%
Vegetative	0%	0%	0%	0%

*Note: To accurately interpret these figures, built-up membranes using polymer-modified bitumen cap sheets at the topmost surface are considered polymer-modified bitumen roof systems.

Percentages of low-slope insulation installation by material type				
Insulation type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Expanded polystyrene (EPS)	65%	70%	60%	60%
Extruded polystyrene (XPS)	5%	0%	0%	0%
Cellular glass	0%	0%	0%	0%
Gypsum (faced or fiber reinforced)	0%	0%	0%	0%
Mineral fiber	0%	0%	0%	0%
Perlite	0%	0%	0%	0%
Polyisocyanurate	30%	30%	40%	40%
Composite	0%	0%	0%	0%
Wood fiberboard	0%	0%	0%	0%

Regional Data—Alaska, Hawaii and Puerto Rico

Percentages of steep-slope roofing work by roof system type				
Roof system type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Asphalt shingles	85%	85%	85%	85%
Clay tile	0%	0%	0%	0%
Concrete tile	0%	0%	0%	0%
Wood shakes and shingles	5%	5%	5%	5%
Slate	0%	0%	0%	0%
Metal panel—architectural	10%	10%	10%	10%
Metal shingles	0%	0%	0%	0%
Spray polyurethane foam	0%	0%	0%	0%
Fiber-cement/synthetic	0%	0%	0%	0%
Vegetative	0%	0%	0%	0%

2015 and projected 2016 roof deck installation by material type				
Roof deck type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Cementitious wood-fiber deck panels	0%	0%	0%	0%
Lightweight insulating concrete and fills	0%	0%	0%	0%
Gypsum (poured or precast)	0%	0%	0%	0%
Precast gypsum panel	0%	0%	0%	0%
Steel	80%	70%	75%	70%
Structural concrete (cast-in-place, post-tensioned and precast/prestressed)	0%	0%	0%	0%
Thermal-setting insulation fills	0%	0%	0%	0%
Wood panels	20%	30%	20%	30%
Wood planks and wood boards	0%	0%	0%	0%

2015 and projected 2016 roof cover board installation					
2015			2016 (projected)		
New construction	Reroofing Tear-off	Reroofing Re-cover	New construction	Reroofing Tear-off	Reroofing Re-cover
35%	30%	35%	35%	30%	35%

2015 and projected 2016 low-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	0%	0%	0%	0%
Building-integrated PV system	0%	0%	0%	0%

2015 and projected 2016 steep-slope rooftop photovoltaic (PV) system installation				
Type	2015		2016 (projected)	
	New construction	Reroofing	New construction	Reroofing
Rack-mounted PV system	0%	0%	0%	0%
Building-integrated PV system	0%	0%	0%	0%

Historical Data

The NRCA market survey is an important tool to help measure the scope of the U.S. roofing industry; the data provide a glimpse into which roof systems are trending in the low- and steep-slope roofing markets. NRCA’s historical data in Figure 4 provide comparative sales volume data for the past 10 years and yield interesting insights about roofing material sales trends within the industry during the past decade.

To learn more

For more information about NRCA’s market surveys, please contact Alison LaValley, NRCA’s vice president of member services and development, at alavalley@nrca.net or (847) 493-7573. As a benefit of membership, NRCA members can view or download an electronic copy of the market survey free at shop.nrca.net or via NRCA’s app, which is available from the Apple App Store, Google Play and Windows Store.



Figure 4: Ten-year historical figures for annual sales volumes



National Roofing Contractors Association