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# Fencing

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Industry Study with Forecasts for **2016 & 2021**

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Study #2921 | July 2012 | \$5100 | 322 pages

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*Metal accounted for the largest share of the US fencing market in both dollar value and linear feet in 2011, though plastic and composite materials will post the fastest gains through 2016.*

## Demand to rise more than 7% yearly through 2016

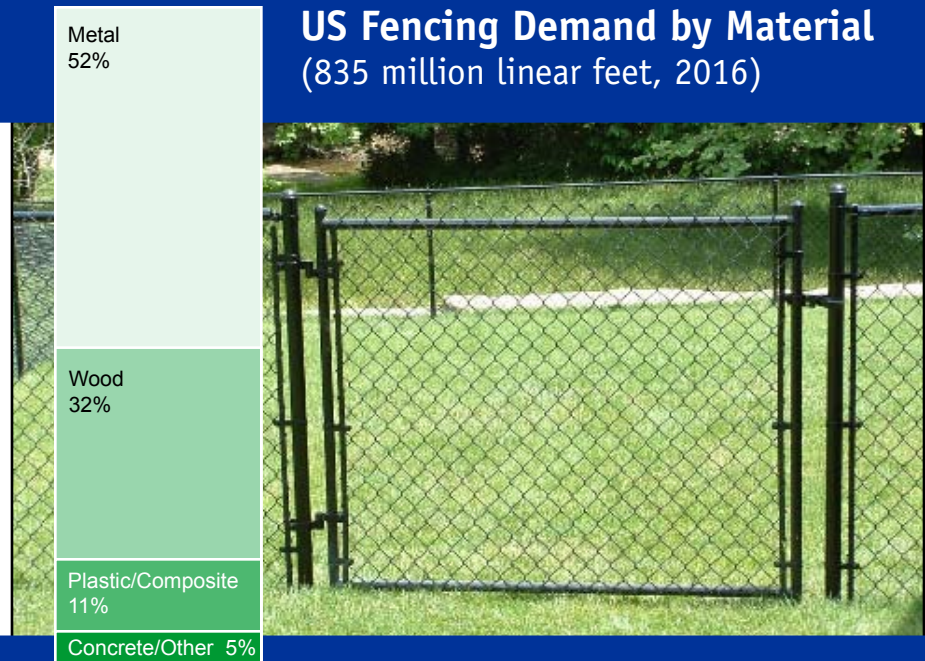
US demand for fencing is forecast to rise 7.1 percent per annum to \$8.3 billion in 2016, totaling 835 million linear feet. Growth will be driven by an expected rebound in building construction from a depressed 2011 base. Gains will also be supported by growing installation of high-value fences, such as ornamental metal and composite fencing. Consumers are turning to these materials based on their aesthetic and performance advantages.

## Plastic & composite materials to see fastest gains

Among fencing materials, plastic and composite is forecast to exhibit the most rapid growth in demand through 2016. Plastic and composite fencing materials often resemble natural wood but have minimal maintenance needs and have longer lifespans than wood fencing. Plastic and composite fencing products are also seen as being "green" because they are often made from recycled materials, such as reclaimed plastics and wood scraps.

In 2011, metal fencing accounted for the largest share of the fencing market in both dollar value and linear feet. Chain link fencing is often utilized to mark boundaries and secure properties, while ornamental metal fencing is erected around houses and businesses to form an aesthetically pleasing barrier. Demand for metal fencing will increase in line with the industry average through 2016. High-value ornamental fencing will spur dollar gains. In addition to the re-

## US Fencing Demand by Material (835 million linear feet, 2016)



bound in housing activity, some business owners will opt for ornamental fencing to serve as an aesthetically pleasing alternative to chain link or wire fencing.

Wood fencing demand will increase at a below average pace through 2016. Wood is mostly used in the residential market because of its low cost and favorable aesthetics. However, demand for wood fencing will face competition from plastic and composite fencing, which require less maintenance than wood.

## Residential building market to remain dominant

In 2011, residential buildings accounted for nearly one-half of demand, making it

the largest market for fencing. Demand for fencing in residential building construction applications is forecast to rise at an above average pace through 2016, fueled by a rebound in housing completions. Further growth will be supported by the large residential replacement segment, which will benefit from a recovery in improvement and repair spending.

Nonresidential fencing demand will post strong gains through 2016. Increasing nonresidential building construction -- particularly in the office and commercial segment -- will drive demand. Fences are often installed around nonresidential structures to provide security barriers and to demarcate property lines.

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## Sample Text, Table & Chart

### MARKETS

#### Residential

The residential market accounted for 46 percent of fencing in terms of length in 2011. This is a smaller share of the market historical average, indicative of the low level of residential construction activity in 2011. Demand for fencing in the residential market is forecast to advance 1.5 million linear feet in 2016. Growth will be driven by new home construction, as more homes are constructed with fences to improve curb appeal and improve the value of the home. The improvement in the economy will also support demand for fencing as homeowners improve the installation and replacement of fences.

**SAMPLE TEXT**

However, residential fencing demand in 2016 will remain below that of 2006. Many newly built homes will be smaller than those previously constructed and located on smaller-sized lots, in an effort to make them more affordable to potential home buyers. Thus, these homes will require less fencing to demarcate property boundaries. Moreover, many homeowners suffered a severe erosion in their property values as a result of the 2007-2009 recession. Home equity loans are one of the key ways in which home improvement projects are financed. Because of this decline in home values, many homeowners will be unable to take out the necessary loans for such projects as the installation and replacement of fences. This will negatively affect fencing demand in the improvement and repair market going forward.

In 2011, wood fencing accounted for 48 percent of the residential market by length. Despite its higher maintenance requirements, wood fencing will remain the leading fencing material by length through 2021. However, wood fencing's share of residential demand is expected to decline because of competition from plastic, composite, and

128

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TABLE III-1

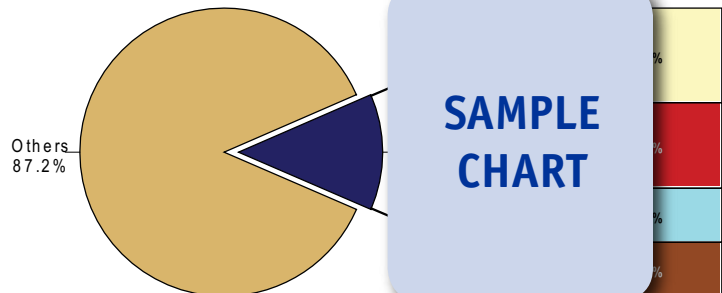
FENCING DEMAND VALUE BY MATERIAL  
(million dollars)

| Item  | 2001 | 2006 | 2011 | 2016 | 2021 |
|---|------|------|------|------|------|
| Construction Expenditures (bil \$)<br>\$ fencing/000\$ construction |      |      |      |      |      |
| Fencing Demand  |      |      |      |      |      |
| Metal   |      |      |      |      |      |
| Wood  |      |      |      |      |      |
| Plastic & Composite   |      |      |      |      |      |
| Concrete  |      |      |      |      |      |
| Other   |      |      |      |      |      |
| \$/linear foot  |      |      |      |      |      |
| Fencing Demand (mil linear ft)                                      |      |      |      |      |      |
| Addendum:   |      |      |      |      |      |
| Gate & Accessory Demand (mil \$)                                    |      |      |      |      |      |

**SAMPLE TABLE**

CHART VI-1

US FENCING MARKET SHARE  
(\$5.9 billion, 2011)



**SAMPLE CHART**

## Sample Profile, Table & Forecast

**TABLE V-8**  
**SOUTH FENCING DEMAND BY SUBREGION & MARKET**  
 (million dollars)

| Item   | 2001 | 2006 | 2011 | 2016 | 2021 |
|--|------|------|------|------|------|
| South Construction (bil 2005\$)                    | 39   | 42   | 45   | 48   | 50   |
| linear feet fencing/000\$ construction             | 15   | 16   | 17   | 18   | 19   |
| South Fencing Demand (mil ln ft)<br>\$/linear foot | 7    | 7    | 7    | 7    | 7    |
| South Fencing Demand<br>By Subregion:              |      |      |      |      |      |
| South Atlantic                                     | 5    | 5    | 5    | 5    | 5    |
| East South Central                                 | 5    | 5    | 5    | 5    | 5    |
| West South Central                                 | 5    | 5    | 5    | 5    | 5    |
| By Market:   |      |      |      |      |      |
| Residential  | 0    | 0    | 0    | 0    | 0    |
| Nonresidential Building                            | 5    | 5    | 5    | 5    | 5    |
| Nonbuilding  | 5    | 5    | 5    | 5    | 5    |
| Agricultural                                       | 5    | 5    | 5    | 5    | 5    |
| % South<br>Fencing Demand                          | 4    | 4    | 4    | 4    | 4    |

SAMPLE  
PROFILE

SAMPLE  
TABLE

**COMPANY PROFILES**

**Builders Fence Company Incorporated**  
 11040 Randall Street  
 Sun Valley, CA 91352  
 818-768-5500  
<http://www.bfc.com>

Annual Sales:  
 Employment:

Key Products:  
 chain link fencing

Builders Fence Company (BFC) is engaged in the production and sale of ornamental iron fencing, gates and security products for the residential, commercial and industrial markets. The privately held company also distributes chain link fencing, vinyl fencing, tools, accessories, and other products. BFC operates facilities in Los Angeles, Fontana, Sacramento, and San Diego, California; and Tacoma, Washington.

The Company participates in the US fencing industry primarily through the manufacture and marketing of ornamental iron fencing and gates. BFC's ornamental iron fencing is sold in six main styles: Regal, Aristocrat, Guardian, Modern, Empire, and Napoleon. Each style offers models for light, heavy, and extra-heavy duty residential and commercial uses. Moreover, iron fencing from the Company is available with custom design options for residential applications.

Finish options for BFC ornamental iron fencing include GALVA-GUARD I, GALVA-GUARD II, GALVA-GUARD III, and BFC POLY PRO+. All GALVA-GUARD finishes are used in corrosive environments. The Company's GALVA-GUARD I paint finish comprises galvanized tubing power washed for paint preparation, then coated with

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"Demand for fencing in the nonbuilding construction market is expected to advance 3.6 percent per year to \$290 million in 2016. Growth will be spurred by the increase in transportation and utility construction expenditures. As the region's population increases, more roads and utility connections will need to be built. Fences will often be installed to enhance site security and to improve the safety of roadways. However, the region's increasing population will boost interest in the use of sound barriers, ..."  
 --Section V, pg. 215





**OTHER STUDIES**

**Green Building Materials**

US green building materials demand is forecast to increase 11 percent annually to \$86.6 billion in 2017. Permeable pavement and structural products (e.g., recycled concrete, FSC-certified lumber) will grow the fastest. Exterior products such as energy-efficient windows and green roofing will remain the largest segment. This study analyzes the \$51.8 billion US green building material industry, with forecasts for 2017 and 2022 by product, market and US region. The study also considers market environment factors and profiles industry participants.  
 #2995 ..... February 2013 ..... \$5100

**Wood & Competitive Decking**

US demand for decking is forecast to rise 2.4 percent annually through 2016 to 3.3 billion lineal feet, valued at \$5.7 billion. Wood-plastic composite and plastic lumber decking materials will grow at double-digit rates, far outpacing the dominant wood segment. The residential building market will lead gains. This study analyzes the 2.9 billion lineal foot US wood and competitive decking industry, with forecasts for 2016 and 2021 by material type, market, application and US region. The study also evaluates company market share and profiles industry competitors.  
 #2959 ..... October 2012 ..... \$5300

**World Drywall & Building Plaster**

Worldwide sales of drywall will rise 8.6 percent annually through 2016 to 10.7 billion square meters, with China and the US claiming most new demand. The residential market will outpace its nonresidential counterpart. Global building plaster demand will rise 5.8 percent annually to 37.4 million metric tons in 2016. This study analyzes the world drywall and building plaster industry, with forecasts for 2016 and 2021 by product, market, world region and for 23 major countries. The study also evaluates company market share and profiles industry participants.  
 #2924 ..... August 2012 ..... \$6100

**World Roofing**

World demand for roofing materials is forecast to grow 3.8 percent annually through 2016 to 11.7 billion square meters. The US and China will jointly account for nearly 60 percent of global gains in roofing volume demand. The dominant bituminous products segment will post the fastest growth. This study analyzes the 9.7 billion square meter world roofing industry, with forecasts for 2016 and 2021 by product, market, world region and major country. The study also evaluates company market share and profiles industry participants.  
 #2896 ..... June 2012 ..... \$6300

**Wood-Plastic Composite & Plastic Lumber**

US demand for wood-plastic composite and plastic lumber is projected to advance 13.2 percent annually to \$5.4 billion in 2015. Decking will remain the largest application and grow the fastest, followed by the molding and trim and windows and doors segments. Wood-plastic composite lumber will outpace plastic types. This study analyzes the \$2.9 billion US wood-plastic composite and plastic lumber industry, with forecasts for 2015 and 2020 by material, application and market. The study also evaluates company market share and profiles industry players.  
 #2836 ..... January 2012 ..... \$5100

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